

DEPARTMENT OF THE INTERIOR

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**Processed Digital Recordings for Selected
Aftershocks of the October 15, 1979 Imperial Valley,
California, Earthquake**

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INTRODUCTION

The processed seismograms presented in this report were recorded by an array of portable digital seismographs deployed during an aftershock study conducted by the U.S. Geological Survey (USGS) shortly after the October 15, 1979 ($M_L = 6.6$, $M_S = 6.7$) Imperial Valley earthquake (Fletcher *et al.*, 1981; Boore and Fletcher, 1982). These processed recordings supplement both recorded and processed strong-motion data obtained during the mainshock (Brady *et al.*, 1980, 1982; Brune, *et al.*, 1982; Bycroft, 1982; Porcella *et al.*, 1982; Porter, 1982, 1983; Rojahn and Mork, 1982; Rojahn *et al.*, 1982) and several of the larger aftershocks (Porcella, 1980; Anderson and Heaton, 1982). The locations of the mainshock and the strong-motion accelerograph sites in place at the time of the earthquake are given in Figure 1.

The magnitudes of aftershocks studied in this report range from 1.7 to 4.5 M_L . Such ground motions are not usually considered to have engineering significance. We believe, however, that such processed data can be of great value to the engineering community by providing a basis for better understanding the regional effects of magnitude scaling, distance attenuation, and local site conditions on engineering parameters of ground-motion.

The processing algorithms used in this study are consistent with those used in the routine processing of strong-motion accelerograms (e.g., Converse, 1984). Therefore, the currently processed ground motions are consistent in both form and quality with processed strong-motion data routinely distributed by the U.S. Geological Survey and the California Division of Mines and Geology for use by the engineering community. Ground motions provided in this report include "uncorrected" acceleration; SMA-1 simulated acceleration; "corrected" acceleration, velocity, and displacement; Fourier amplitude spectra; and five-percent damped pseudorelative velocity response spectra.

The discussion of each major processing step provides a brief description of the ground motions generated at that step as well as the algorithms used to produce those ground motions. A flowchart summarizing these processing steps is provided in Figure 2.

FIELD INVESTIGATION

Shortly after the Imperial Valley earthquake, USGS personnel from Menlo Park, California, deployed an array of portable digital seismographs in the epicentral region. Their purpose for the investigation was threefold: (1) to record events having a broad magnitude range to facilitate source-mechanism and ground-motion studies, (2) to obtain recordings at many of the same strong-motion accelerograph sites that recorded the mainshock as an aid in interpreting source and wave-propagation effects, and (3) to obtain P- and S-wave arrival times for locating the aftershocks (Fletcher *et al.*, 1981).

By October 17, just two days after the mainshock, nine portable seismographs had been installed in the epicentral region; by October 18 ten seismographs were operating (Fig. 3a). On October 25, five of the

seismographs were moved within proximity of five permanent accelerographs that had recorded the mainshock (Fig. 3b). This latter configuration was maintained until November 19, when all of the portable seismographs were removed.

Recording systems consisted of velocity transducers or force balance accelerometers (FBAs) connected to Sprengnether DR-100 digital event recorders. The recorders utilized a 12-bit analog-to-digital (A/D) converter, with a dynamic range and resolution of 72 db, to digitize the analog signals. Each system was set up to record three orthogonal components, two horizontal and one vertical, with each channel sampled at 200.32 samples per second and stored digitally on a magnetic tape cassette.

The frequency response of the velocity recording system was flat from about 1 or 2 Hz, depending on the type of transducer used, to about 50 Hz, the cutoff frequency of the antialiasing filter. The frequency response of the FBA recording system was flat from about 0.1 or 0.2 Hz, depending on the predisposition of the amplifiers, to about 50 Hz, the natural frequency of the FBA transducer and the cutoff frequency of the antialiasing filter. Antialiasing was implemented with a 50 Hz low-pass, five-pole Butterworth filter. In Menlo Park, the data were transferred to a PDP 11/70 computer, demultiplexed into individual component files, and prepared for later analysis.

UNCORRECTED TIME SERIES

The term "uncorrected" refers to the stage of processing whereby a strong-motion accelerogram is digitized and baseline corrected (Hudson, 1979). This stage is emulated in the present analysis by first preprocessing the FBA and velocity seismograms, then instrument correcting and differentiating the preprocessed velocity time series.

Preprocessing

Preprocessing consisted of (1) identifying and removing traces dominated by noise, (2) removing transients, (3) performing a baseline correction, (4) tapering and padding the baseline-corrected time series, and (5) converting the amplitudes of the time series from internal storage units (counts) to ground-motion units.

Individual traces were excluded from analysis because: (1) they were dominated by noise as a result of a recorder malfunction or a visibly low signal-to-noise ratio, (2) their amplitudes had exceeded the dynamic range of the system (clipped), or (3) there was no location or magnitude available for the triggering event. Consequently, 750 velocity components and 93 acceleration components, representing 302 recordings from 137 events, were identified as suitable for processing (Tables 1-3, Fig. 4).

Transients appeared on the seismograms as either spikes or ramps. Spikes consisted of time marks or "glitches" that had not been removed during the

original decoding process. They were removed with an automated computer program developed by Edward Cranswick (USGS, Golden, Colorado). On some FBA traces, there was a transient that started in the P-wave train and lasted about one second. It was composed of a sudden shift in the baseline followed by a slow decay. This ramp was apparently caused by a power surge in the recorder when the cassette drive turned on (Fletcher et al., 1981). It was removed from the horizontal traces by interactively replacing the early, low-amplitude portion of the recording with zeros. Unfortunately, this simple fix was not possible for the vertical traces.

Each trace was baseline corrected to remove any DC offset, after which a short cosine taper was applied to the end of each trace and zeros were added to bring the total number of samples to a power of two. This latter step was required by the Fast Fourier Transform (FFT) algorithm.

Amplitudes in terms of internal storage units (counts) were converted to ground-motion units using the algorithm:

$$A_g(t) = A_i(t)/(CC \cdot M \cdot DC) \quad (1)$$

where $A_g(t)$ is the amplitude of the time series in ground-motion units (cm/sec² for acceleration or cm/sec for velocity), $A_i(t)$ is the amplitude in counts (where 2048 counts represents the full dynamic range of the system), CC is the coil constant of the transducer (volts/cm/sec² for FBA transducers or volts/cm/sec for velocity transducers), M is the magnification of the system ($M = 10 \cdot G/20$), G is the gain of the system in decibels, and DC is the digitization constant of the A/D converter in counts/volt.

Instrument-Corrected Velocity

Preliminary analyses indicated that preprocessed velocity time series could be differentiated to simulate preprocessed acceleration. However, unlike the FBA transducer, the response of the velocity transducer is flat for frequencies exceeding only 1 or 2 Hz, depending on the velocity transducer used. Therefore, in order to extend the frequency range of useable velocity data and to better simulate the FBA recording system, the preprocessed velocity time series were instrument corrected prior to differentiation using the algorithm:

$$S_v(f) = S_o(f) \cdot [1 - (f_i/f)^2 - 2i\beta f_i/f] \quad (2)$$

which assumes that the velocity transducer responds as a damped harmonic oscillator (i.e., a single-degree-of-freedom system) (Aki and Richards, 1980, p. 479). In the above expression, f is frequency in Hertz, $S_v(f)$ is the FFT of the instrument-corrected velocity time series, $S_o(f)$ is the FFT of the

preprocessed velocity time series, and f_i and β are the undamped natural frequency and critical damping of the velocity transducer (Table 2).

Uncorrected Time Series

The preprocessed acceleration and velocity time series developed during this stage of processing are referred to as "uncorrected" time series, since they have been subjected to about the same level of processing as a typical uncorrected strong-motion accelerogram (Hudson, 1979; Converse, 1984). In addition, preliminary studies indicated that we could differentiate the uncorrected velocity time series to simulate uncorrected acceleration.

The uncorrected velocity spectra were differentiated to acceleration in the frequency domain using the algorithm:

$$S_a(f) = 2\pi f \cdot S_v(f) \quad (3)$$

where $S_a(f)$ is the FFT of the uncorrected acceleration time series and $S_v(f)$ is the FFT of the uncorrected velocity time series. These differentiated velocity time series, together with the preprocessed acceleration time series described earlier, will be collectively referred to as uncorrected acceleration in the remainder of this report. Peak accelerations for these uncorrected time series are listed in Table 4.

SIMULATED SMA-1 TIME SERIES

The uncorrected acceleration time series described in the previous section were recorded on instruments whose high-frequency response characteristics are substantially different from that of a typical strong-motion accelerograph. As a result, it is not possible to directly compare the peak accelerations scaled from these uncorrected time series with the existing catalog of strong-motion recordings. In order to produce a time series that can be used to estimate an instrumental peak from a typical strong-motion accelerogram, an algorithm was applied to each time series to analytically simulate the response of a strong-motion accelerograph. The algorithm used for this simulation is that given by Joyner (1984):

$$S_s(f) = S_a(f) / [1 - (f/f_i)^2 + 2i\beta f/f_i] \quad (4)$$

where $S_s(f)$ is the FFT of the simulated accelerogram, $S_a(f)$ is the FFT of the uncorrected acceleration time series, and f_i and β are the undamped natural frequency and critical damping of the hypothetical accelerograph. For this

study, we used $f_i = 25$ Hz and $\beta = 0.6$, nominal values for the natural frequency and damping of the SMA-1 strong-motion accelerograph (Hudson, 1979). Peak accelerations for these simulated accelerograms are listed in Table 4.

CORRECTED TIME SERIES

The term "corrected" refers to the stage of processing whereby an uncorrected strong-motion accelerogram is instrument corrected, filtered, and integrated to produce velocity and displacement. A similar sequence of steps was used in the present study to compute corrected ground motions from the uncorrected acceleration time series described previously. Filtering was performed with time-domain, bidirectional (zero phase) Butterworth filters. The major processing steps are discussed below.

Instrument Correction

The uncorrected acceleration time series derived from the FBA recordings did not require instrument correction, since the frequency response of the FBA recording system was flat to 0.1 or 0.2 Hz, well below the cutoff imposed by low-frequency noise. This is also true of the uncorrected acceleration time series derived from the velocity recordings, since these velocity recordings were instrument-corrected prior to differentiation in order to better simulate the response of the FBA recording system.

Identification of noise

Low-frequency and high-frequency noise was identified by visual inspection of whole-record Fourier amplitude spectra of the uncorrected time series. As a matter of convenience, the logarithms of the spectral amplitudes were plotted against both linear and logarithmic frequency. They are referred to as log-linear and log-log plots, respectively, in the discussion that follows.

The high-pass cutoff frequency (sometimes referred to as the corner frequency) was chosen to coincide with an abrupt change in slope in the low-frequency fall-off of the log-log spectrum. Experience with processing strong-motion accelerograms indicates that such an abrupt change in slope is often associated with low-frequency noise. This procedure was confirmed by inspecting the log-log displacement spectra of several time series. We found that the abrupt change in slope on the acceleration spectra clearly identified that point on the displacement spectra where the relatively flat or linear part of the spectra--that part directly proportional to the seismic moment of the event--began to increase with decreasing frequency. Such an increase is a clear indication of low-frequency noise.

High-frequency noise was identified by an abrupt change in slope in the high-frequency fall-off of the log-linear spectrum, corresponding to the point where the spectral amplitudes became constant or began to increase with frequency. Although the frequency at which this noise occurred was highly

variable, many spectra contained high-frequency noise at frequencies as low as 25 to 35 Hz. Because of the relatively high anelastic attenuation associated with the soft sediments of the Imperial Valley, there was very little energy in the spectra at these higher frequencies. Therefore, rather than attempt to select a different cutoff frequency for each time series, the low-pass cutoff frequency was simply held constant at 30 Hz for all time series. As we will show later, this decision did not grossly effect the amplitudes of peak acceleration.

Filtering

As indicated above, time-domain, bidirectional (zero-phase) Butterworth filters were used to filter the uncorrected acceleration time series prior to integration. The frequency representation of these filters (Oppenheim and Schaffer, 1975; Converse, 1984) is given by the following expressions:

$$H_h(f) = [1 + (f_h/f)^{2N}]^{-1} \quad (5)$$

$$H_l(f) = [1 + (f/f_l)^{2N}]^{-1} \quad (6)$$

where f_h is the high-pass cutoff frequency, f_l is the low-pass cutoff frequency, and N is the order of the filter.

The order of the low-pass filter ($N = 8$) was chosen to simulate an FFT filter--a cosine taper with a bandwidth of 5 Hz--similar to that used in the routine processing of strong-motion accelerograms (Converse, 1984). The order of the high-pass filter ($N = 8$) was chosen to simulate the high-pass, bidirectional Butterworth filter used in the routine processing of strong-motion accelerograms (Joyner, 1984).

In order to accommodate filter transients produced during the application of the high-pass filter, each time series was tapered and pads of length $0.75N/f_h$ were added prior to filtering (Converse, 1984). As suggested by W.B. Joyner (personal communication, 1987), one of these pads was applied to the front and one was applied to the rear of each time series. If necessary, additional zeros were added to the rear of the time series to bring the total number of samples to a power of two.

Integration

Velocity time series were generated by trapezoidal integration of the filtered acceleration time series. Likewise, displacement time series were generated by integrating the resulting velocity time series.

Subsequent studies have shown that filter transients associated with the displacement time series can be reduced substantially by integrating the

uncorrected acceleration time series before applying the high-pass filter--a procedure similar to the that used in the routine processing of strong-motion accelerograms (Converse, 1984). This process eliminates the need to integrate the filter transients twice. This refinement was discovered too late to be applied in the current study. When we found the filter transients to be excessive in the present analysis, we simply increased the low-frequency filter parameter to reduce the transients to an acceptable level.

Some of the vertical components of the FBA recordings contained significant transients in the first few seconds of the corrected velocity and displacement time series, a result of integrating the ramps caused by the start-up of the tape drive during recording. When this occurred, the high-pass cutoff frequency was increased until the transient was reduced to an acceptable level. In some cases, however, these transients are still somewhat visible, especially in the displacement time series.

Uncorrected Time Series

After integration, the acceleration, velocity, and displacement time series were unpadding to produce "corrected" time series. Peak values scaled from these time series, together with the corresponding high-pass cutoff frequency used in their development, are listed in Table 4. Selected plots of the corrected times series are displayed in the *Appendix*.

Because of the large number of time series processed in this report, it was not feasible to present plots for every one of them. Therefore, the *Appendix* contains plots for only the more significant events: those of $M_L \geq 4.0$ and those of $M_L \geq 3.0$ that triggered five or more recording stations. Additional plots may be found in Fletcher *et al.* (1981).

FOURIER AND RESPONSE SPECTRA

The Fourier amplitude spectra of the corrected acceleration time series were computed for the standard 91 periods used in the routine processing of strong-motion accelerograms. The algorithms used to make these calculations are similar to the PHASE III processing algorithms provided in AGRAM (Converse, 1984).

The corrected acceleration time series were also used to compute response spectra for these standard 91 periods using computer algorithms developed by Nigam and Jennings (1969). It is customary in such computations to compute pseudoabsolute acceleration (PSAA), absolute acceleration (AA), pseudorelative velocity (PSRV), relative velocity (RV), and relative displacement (RD) for 0, 2, 5, 10, and 20 percent critical damping. However, because of the large number of seismograms processed in the present study, we limited our response spectral calculations to five-percent damped PSRV response spectra--that most used by engineers.

PSAA and RD are easily computed from PSRV by applying the simple relationships:

$$\text{PSAA} = 2\pi f \cdot \text{PSRV} \quad (7)$$

$$\text{RD} = \text{PSRV} / 2\pi f \quad (8)$$

AA and RV are not so easily computed; however, they can be calculated from the corrected acceleration time series provided on an accompanying magnetic tape by using any number of available algorithms (e.g., Nigam and Jennings, 1969; Converse, 1984).

Plots of the Fourier amplitude and PSRV response spectra for those corrected time series previously selected for plotting are displayed in the *Appendix*.

STATISTICS OF PEAK GROUND-MOTION PARAMETERS

Summary statistics for the peak ground-motion parameters computed in this study are presented in Table 5. These statistics show relationships between components (e.g., ratios of vertical components to horizontal components), relationships between parameters (e.g., ratios of peak velocity to peak acceleration), and relationships between various stages of processing (e.g., ratios of corrected peaks to uncorrected peaks) for all of the seismograms processed in this report.

Of particular interest are the statistics summarizing the ratios of SMA-1 simulated acceleration to uncorrected acceleration and corrected acceleration to uncorrected acceleration, which demonstrate the effect of reducing the high-frequency content of the uncorrected time series by SMA-1 simulation and filtering. Table 5 indicates that the mean ratio of SMA-1 simulated acceleration to uncorrected acceleration is 0.97 (a 3 percent reduction) for the average of the two horizontal components of peak acceleration and 0.88 (a 12 percent reduction) for the vertical components of peak acceleration. Similarly, the mean ratio of corrected acceleration to uncorrected acceleration is 0.94 (a 6 percent reduction) and 0.86 (a 14 percent reduction) for these same components. Although these ratios exhibit relatively large variability, their mean values indicate that, on average, the energy content of the time series for frequencies of 25 Hz and above does not contribute significantly to the amplitudes of peak acceleration.

DATA AVAILABILITY

A magnetic tape of the processed records described in this report can be obtained from the National Geophysical Data Center in Boulder, Colorado. All requests should be forwarded to:

National Geophysical Data Center/NOAA
World Data Center-A for Solid Earth Geophysics
325 Broadway, Code E/GC1
Boulder, CO 80303

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TABLE 1
Earthquake Data

Date (UTC)	Time (UTC)	Lat. (°N)	Long. (°W)	M_L	Depth (km)	Quality	Source*
10/17/79	05:57:06	32.897	115.499	2.9	5.4	B	PAS
10/17/79	06:14:02	33.022	115.502	3.5	8.4	A	DOZ
10/17/79	07:01:46	33.032	115.486	2.9	5.1	B	PAS
10/17/79	08:27:20	33.015	115.321	2.9	5.5	A	DOZ
10/17/79	08:38:52	33.015	115.322	3.1	5.9	A	DOZ
10/17/79	08:58:14	32.904	115.545	2.2	8.8	B	DOZ
10/17/79	09:01:55	32.871	115.480	2.2	11.0	C	DOZ
10/17/79	09:12:27	32.926	115.527	3.0	11.7	A	DOZ
10/17/79	09:17:22	33.141	115.609	3.2	8.2	A	DOZ
10/17/79	10:13:19	32.791	115.486	2.7	4.2	C	PAS
10/17/79	11:43:37	32.992	115.568	2.7	8.5	B	DOZ
10/17/79	19:14:38	32.904	115.576	4.1	15.9	B	PAS
10/17/79	22:09:26	32.896	115.567	2.3	15.8	B	PAS
10/17/79	22:10:28	32.926	115.579	2.2	6.8	C	PAS
10/17/79	22:19:44	32.725	115.413	2.9	9.5	B	DOZ
10/17/79	22:31:39	32.905	115.575	2.9	15.4	B	PAS
10/17/79	22:44:48	32.715	115.387	3.0	7.4	C	DOZ
10/17/79	22:45:34	33.046	115.490	4.5	3.9	B	PAS
10/17/79	22:50:32	33.047	115.489	3.2	5.0	B	PAS
10/17/79	22:54:21	33.043	115.490	3.4	4.8	C	PAS
10/17/79	23:27:32	33.030	115.500	3.2	4.7	P	PAS
10/17/79	23:30:55	33.035	115.493	2.8	5.0	B	PAS
10/18/79	00:02:31	33.032	115.507	2.7	5.7	C	PAS
10/18/79	00:29:47	33.144	115.623	3.3	8.3	B	DOZ
10/18/79	02:14:49	33.159	115.639	3.0	6.3	C	PAS
10/18/79	02:29:14	33.020	115.515	2.5	7.9	A	DOZ
10/18/79	03:17:17	32.906	115.563	3.6	6.9	-	FLT
10/18/79	03:31:58	32.899	115.575	1.7	14.9	A	PAS
10/18/79	03:41:52	32.931	115.563	2.3	8.1	-	FLT
10/18/79	04:36:41	33.142	115.615	2.8	8.0	A	DOZ
10/18/79	04:40:55	33.143	115.606	3.0	8.4	A	DOZ
10/18/79	05:37:21	32.904	115.566	3.0	6.9	-	FLT
10/18/79	06:31:43	33.159	115.626	2.9	9.3	C	PAS
10/18/79	08:20:10	33.044	115.485	2.7	4.7	C	PAS
10/18/79	11:17:54	32.872	115.508	2.2	8.1	B	PAS
10/18/79	12:01:10	32.951	115.604	3.5	8.1	-	FLT
10/18/79	12:42:24	33.007	115.496	2.7	5.1	B	PAS
10/18/79	12:51:59	32.777	115.461	2.6	10.8	B	DOZ
10/18/79	13:01:15	32.873	115.501	2.7	9.0	B	PAS
10/18/79	13:10:42	32.914	115.516	2.6	12.2	B	PAS
10/18/79	13:20:27	32.872	115.513	3.2	8.8	-	FLT
10/18/79	13:52:41	32.905	115.569	2.6	6.8	-	FLT
10/18/79	14:56:20	33.004	115.511	3.3	10.5	-	FLT

TABLE 1 (Continued)

Date (UTC)	Time (UTC)	Lat. (°N)	Long. (°W)	M_L	Depth (km)	Quality	Source*
10/18/79	16:24:37	32.877	115.546	3.2	9.4	-	FLT
10/18/79	16:50:48	32.874	115.513	2.8	15.9	B	PAS
10/18/79	18:32:27	32.956	115.593	2.0	7.0	B	PAS
10/18/79	19:10:51	32.974	115.589	2.7	9.1	A	DOZ
10/18/79	19:18:58	32.947	115.610	3.2	8.8	-	FLT
10/18/79	20:53:17	32.974	115.591	2.7	7.8	A	DOZ
10/19/79	00:26:03	32.893	115.498	2.5	14.4	B	PAS
10/19/79	01:03:15	32.975	115.575	2.5	5.5	C	PAS
10/19/79	01:05:43	32.977	115.573	3.1	12.4	B	PAS
10/19/79	03:32:57	32.881	115.520	2.2	10.8	B	PAS
10/19/79	05:00:16	32.961	115.588	1.8	4.9	B	PAS
10/19/79	05:53:41	33.040	115.539	2.1	6.3	A	DOZ
10/19/79	06:24:57	33.041	115.484	2.6	4.6	B	PAS
10/19/79	06:51:41	33.040	115.540	2.2	6.7	B	DOZ
10/19/79	09:44:32	32.980	115.556	2.7	14.6	B	PAS
10/19/79	09:55:57	32.972	115.555	2.9	7.2	-	FLT
10/19/79	10:35:08	32.909	115.558	3.4	5.1	-	BOR
10/19/79	11:11:26	32.981	115.549	2.7	10.7	A	DOZ
10/19/79	11:19:23	33.035	115.565	2.8	9.6	A	DOZ
10/19/79	15:01:47	33.042	115.489	2.8	5.6	A	DOZ
10/19/79	15:05:00	33.042	115.492	2.3	5.6	B	DOZ
10/19/79	16:56:12	32.912	115.573	2.6	5.0	-	BOR
10/19/79	18:50:38	32.906	115.555	2.6	4.4	-	BOR
10/19/79	18:51:28	32.913	115.556	2.8	4.6	-	BOR
10/19/79	19:42:38	32.731	115.364	3.3	3.6	P	PAS
10/19/79	21:25:03	32.943	115.533	1.8	14.3	A	PAS
10/19/79	22:00:44	33.027	115.572	2.7	14.1	C	PAS
10/19/79	23:09:54	32.904	115.577	2.4	14.6	A	PAS
10/19/79	23:45:20	32.939	115.540	2.5	15.5	B	PAS
10/20/79	00:14:27	32.945	115.539	2.8	3.5	-	BOR
10/20/79	03:14:53	32.904	115.576	2.6	4.2	-	BOR
10/20/79	05:04:07	32.916	115.541	3.0	8.0	-	BOR
10/20/79	05:56:21	32.977	115.593	2.4	7.5	B	PAS
10/20/79	11:35:32	32.721	115.405	3.0	9.1	B	DOZ
10/20/79	13:36:28	33.033	115.559	2.8	7.5	-	FLT
10/20/79	14:52:55	32.887	115.511	3.3	6.8	-	BOR
10/20/79	14:56:12	32.856	115.495	2.5	4.3	P	PAS
10/20/79	15:33:49	33.035	115.562	2.5	9.7	A	DOZ
10/20/79	16:57:44	32.902	115.513	2.4	5.6	B	PAS
10/20/79	19:14:23	32.931	115.532	2.0	7.3	B	DOZ
10/20/79	19:53:26	32.873	115.487	2.7	14.2	C	PAS
10/20/79	20:52:24	33.139	115.609	3.0	8.3	A	DOZ
10/20/79	22:32:46	32.913	115.507	2.4	6.8	-	FLT
10/21/79	04:59:50	33.166	115.614	2.6	5.0	B	DOZ
10/21/79	18:17:59	32.900	115.510	3.3	6.3	-	FLT
10/21/79	19:04:12	32.733	115.416	2.9	10.4	B	DOZ
10/21/79	21:14:28	32.875	115.536	2.3	6.6	-	FLT

TABLE 1 (Continued)

Date (UTC)	Time (UTC)	Lat. (°N)	Long. (°W)	M_L	Depth (km)	Quality	Source*
10/22/79	00:43:05	32.771	115.451	2.6	10.6	B	DOZ
10/22/79	10:40:43	32.774	115.454	2.6	11.7	B	DOZ
10/22/79	13:26:48	33.050	115.551	2.3	9.2	A	DOZ
10/22/79	22:04:40	32.904	115.507	2.4	5.0	-	BOR
10/23/79	01:13:13	32.911	115.546	3.0	5.0	-	BOR
10/23/79	01:41:56	32.893	115.524	2.8	8.1	-	FLT
10/23/79	05:16:49	33.051	115.552	2.5	12.1	C	PAS
10/23/79	05:19:59	33.052	115.554	2.5	9.3	B	DOZ
10/23/79	11:06:57	33.050	115.549	2.6	9.2	A	DOZ
10/23/79	12:52:27	32.971	115.741	2.4	13.4	B	DOZ
10/24/79	02:00:30	32.055	115.488	2.5	3.9	B	PAS
10/24/79	03:05:19	32.774	115.453	2.6	10.8	B	DOZ
10/24/79	06:44:31	33.056	115.477	3.1	4.7	P	PAS
10/26/79	07:54:22	32.764	115.449	2.2	10.8	B	DOZ
10/26/79	09:11:16	32.728	115.420	2.5	9.9	B	DOZ
10/26/79	19:33:36	33.129	115.402	2.8	5.0	B	PAS
10/27/79	05:02:19	32.907	115.553	2.2	11.4	B	PAS
10/27/79	07:44:48	32.720	115.414	2.5	9.9	B	DOZ
10/27/79	18:22:20	33.016	115.560	1.7	9.0	B	PAS
10/27/79	20:53:09	32.897	115.531	1.9	5.3	B	PAS
10/27/79	21:12:06	33.047	115.572	2.0	9.6	A	DOZ
10/27/79	21:54:40	32.567	115.287	2.8	5.2	C	DOZ
10/28/79	20:29:53	32.879	115.574	1.7	17.3	B	PAS
10/29/79	02:39:20	32.928	115.554	2.0	4.6	-	BOR
10/29/79	03:39:48	32.895	115.514	2.5	15.3	B	PAS
10/29/79	05:42:11	33.177	115.618	2.5	5.0	B	PAS
10/29/79	15:55:22	33.031	115.570	2.4	9.3	A	DOZ
10/29/79	18:33:46	32.899	115.528	2.5	6.8	-	FLT
10/30/79	21:01:48	32.732	115.424	2.7	9.0	B	DOZ
10/31/79	11:43:46	32.710	115.440	3.4	6.9	-	BOR
10/31/79	18:49:46	32.947	115.558	3.4	15.1	B	PAS
11/01/79	09:29:33	33.071	115.587	3.0	9.6	A	DOZ
11/01/79	09:48:27	33.072	115.587	2.9	9.5	A	DOZ
11/04/79	09:30:31	32.979	115.586	3.0	14.8	B	PAS
11/04/79	09:41:28	32.904	115.574	1.9	15.8	A	PAS
11/04/79	10:23:26	32.900	115.574	2.6	15.4	B	PAS
11/04/79	17:13:30	33.021	115.515	3.6	4.4	-	FLT
11/04/79	20:08:07	32.855	115.494	2.7	15.0	C	PAS
11/07/79	13:47:29	32.689	115.393	2.7	18.4	C	PAS
11/08/79	13:51:30	32.973	115.582	2.5	14.7	B	PAS
11/09/79	23:03:58	32.745	115.423	3.0	17.3	C	PAS
11/10/79	20:35:42	32.593	115.303	2.6	9.2	C	DOZ
11/11/79	06:42:24	32.960	115.598	3.3	5.1	B	PAS
11/11/79	15:32:45	32.736	115.416	2.7	9.3	B	DOZ
11/11/79	15:59:23	32.733	115.415	2.4	9.3	B	DOZ

TABLE 1 (Continued)

Date (UTC)	Time (UTC)	Lat. (°N)	Long. (°W)	M_L	Depth (km)	Quality	Source*
11/12/79	00:54:36	32.983	115.556	1.8	14.0	B	PAS
11/14/79	03:52:47	32.956	115.536	2.7	2.9	-	FLT

*BOR = Boore and Fletcher (1982); DOZ = Dozer and Kanamori (1986); FLT = Fletcher *et al.* (1981); PAS = Caltech Seismological Laboratory, Pasadena, California

TABLE 2
Station Data

Station	Lat. (°N)	Long. (°W)	f_h (Hz)	β	Transducer	Type
AFB	32.928	115.628	2.0	0.7	Sprengnether SA-6000	VEL
BCS	32.692	115.339	2.0	0.7	Geospace HS-10	VEL
CFG	32.837	115.567	50.0	0.6	Sprengnether SA-3000	FBA
CRK	32.914	115.456	2.0	0.6	Sprengnether SA-6000	VEL
FBR	32.882	115.536	2.0	0.7	Sprengnether SA-6000	VEL
GPN	32.810	115.529	1.0	0.8	Mark L-4	VEL
GRS	32.874	115.647	2.0	0.7	Sprengnether SA-6000	VEL
HRS	32.884	115.508	50.0	0.6	Sprengnether SA-3000	FBA
HUS	32.839	115.490	2.0	0.7	Sprengnether SA-6000	VEL
IVC	32.828	115.509	2.0	0.7	Sprengnether SA-6000	VEL
JMS	32.848	115.466	50.0	0.6	Sprengnether SA-3000	FBA
KYR	32.915	115.542	50.0	0.6	Sprengnether SA-3000	FBA
ROB	32.855	115.465	1.0	0.8	Mark L-4	VEL
RVR	32.938	115.460	50.0	0.6	Sprengnether SA-3000	FBA
SLD	32.996	115.548	2.0	0.7	Sprengnether SA-6000	VEL

TABLE 3

Records Selected for Processing

Date (UTC)	Time (UTC)	M _L	Recording Station														Total No.
			AFB	BCS	CFG	CRK	FBR	GPM	GRS	HRS	HUS	IVC	JMS	KYR	ROB	RVR	
10/17/79	05:57:06	2.9					x										1
10/17/79	06:14:02	3.5					x										1
10/17/79	07:01:46	2.9					x										1
10/17/79	08:27:20	2.9					x										1
10/17/79	08:38:52	3.1					x										1
10/17/79	08:58:14	2.2					x										1
10/17/79	09:01:55	2.2					x										1
10/17/79	09:12:27	3.0					x										1
10/17/79	09:17:22	3.2					x										1
10/17/79	10:13:19	2.7					x										1
10/17/79	11:43:37	2.7					x										1
10/17/79	19:14:38	4.1			x												1
10/17/79	22:09:26	2.3				x	x										2
10/17/79	22:10:28	2.2					x										1
10/17/79	22:19:44	2.9				x											1
10/17/79	22:31:39	2.9				x	x										2
10/17/79	22:44:48	3.0				x											1
10/17/79	22:45:34	4.5				x	x										2
10/17/79	22:50:32	3.2				x											1
10/17/79	22:54:21	3.4				x	x										2
10/17/79	23:27:32	3.2				x	x										2
10/17/79	23:30:55	2.8				x											1
10/18/79	00:02:31	2.7				x											1
10/18/79	00:29:47	3.3	x														1
10/18/79	02:14:49	3.0	x						x								2
10/18/79	02:29:14	2.5	x						x								2
10/18/79	03:17:17	3.6	x					x	x								3
10/18/79	03:31:58	1.7							x								1
10/18/79	03:41:52	2.3	x					x	x								3
10/18/79	04:36:41	2.8	x														1
10/18/79	04:40:55	3.0	x						x								2
10/18/79	05:37:21	3.0	x					x	x								3
10/18/79	06:31:43	2.9							x								1
10/18/79	08:20:10	2.7							x								1
10/18/79	11:17:54	2.2						x									1
10/18/79	12:01:10	3.5	x					x	x								3
10/18/79	12:42:24	2.7	x					x	x								3
10/18/79	12:51:59	2.6							x								1
10/18/79	13:01:15	2.7						x									1
10/18/79	13:10:42	2.6						x									1
10/18/79	13:20:27	3.2	x					x	x								3
10/18/79	13:52:41	2.6	x					x	x								3

TABLE 3 (Continued)

Date (UTC)	Time (UTC)	M _L	Recording Station													Total No.		
			AFB	BCS	CFG	CRK	FBR	GPM	GRS	HRS	HUS	IVC	JMS	KYR	ROB		RVR	SLD
10/18/79	14:56:20	3.3	x				x		x									3
10/18/79	16:24:37	3.2	x		x				x									3
10/18/79	16:50:48	2.8	x						x									2
10/18/79	18:32:27	2.0	x															1
10/18/79	19:10:51	2.7	x				x				x							3
10/18/79	19:18:58	3.2	x				x	x			x							4
10/18/79	20:53:17	2.7	x				x				x							3
10/19/79	00:26:03	2.5					x											1
10/19/79	01:03:15	2.5	x								x							2
10/19/79	01:05:43	3.1	x				x				x							3
10/19/79	03:32:57	2.2	x															1
10/19/79	05:00:16	1.8															x	1
10/19/79	05:53:41	2.1															x	1
10/19/79	06:24:57	2.6															x	1
10/19/79	06:51:41	2.2															x	1
10/19/79	09:44:32	2.7															x	1
10/19/79	09:55:57	2.9	x				x	x			x						x	5
10/19/79	10:35:08	3.4	x			x	x	x			x			x		x	x	8
10/19/79	11:11:26	2.7									x						x	2
10/19/79	11:19:23	2.8															x	1
10/19/79	15:01:47	2.8															x	1
10/19/79	15:05:00	2.3															x	1
10/19/79	16:56:12	2.6	x				x	x			x						x	6
10/19/79	18:50:38	2.6	x				x	x			x							5
10/19/79	18:51:28	2.8	x			x	x	x			x						x	7
10/19/79	19:42:38	3.3									x							1
10/19/79	21:25:03	1.8					x											1
10/19/79	22:00:44	2.7															x	1
10/19/79	23:09:54	2.4	x					x			x							3
10/19/79	23:45:20	2.5					x										x	2
10/20/79	00:14:27	2.8	x				x	x			x						x	6
10/20/79	03:14:53	2.6	x					x			x						x	5
10/20/79	05:04:07	3.0	x			x	x	x			x						x	8
10/20/79	05:56:21	2.4															x	1
10/20/79	11:35:32	3.0									x							1
10/20/79	13:36:28	2.8						x			x						x	3
10/20/79	14:52:55	2.8	x			x	x	x			x						x	8
10/20/79	14:56:12	2.5						x										1
10/20/79	15:33:49	2.5															x	1
10/20/79	16:57:44	2.4						x										1
10/20/79	19:14:23	2.0						x										1
10/20/79	19:53:26	2.7					x											1
10/20/79	20:52:24	3.0	x								x						x	3
10/20/79	22:32:46	2.4						x						x				3
10/21/79	04:59:50	2.6	x														x	2
10/21/79	18:17:59	3.3	x				x	x			x			x			x	8

TABLE 3 (Continued)

Date (UTC)	Time (UTC)	M_L	Recording Station														Total No.	
			AFB	BCS	CFG	CRK	FBR	GPM	GRS	HRS	HUS	IVC	JMS	KYR	ROB	RVR		SLD
10/21/79	19:04:12	2.9				x			x									2
10/21/79	21:14:28	2.3	x			x	x			x								4
10/22/79	00:43:05	2.6							x									1
10/22/79	10:40:43	2.6				x			x									2
10/22/79	13:26:48	2.3														x		1
10/22/79	22:04:40	2.4	x			x	x			x		x	x			x		7
10/23/79	01:13:13	3.0	x		x	x	x		x	x		x	x			x		9
10/23/79	01:41:56	2.8	x			x	x		x	x			x			x		7
10/23/79	05:16:49	2.5														x		1
10/23/79	05:19:59	2.5														x		1
10/23/79	11:06:57	2.6														x		1
10/23/79	12:52:27	2.4							x									1
10/24/79	02:00:30	2.5														x		1
10/24/79	03:05:19	2.6							x			x						2
10/24/79	06:44:31	3.1							x									1
10/26/79	07:54:22	2.2		x														1
10/26/79	09:11:16	2.5		x														1
10/26/79	19:33:36	2.8								x								1
10/27/79	05:02:19	2.2	x				x											2
10/27/79	07:44:48	2.5		x														1
10/27/79	18:22:20	1.7														x		1
10/27/79	20:53:09	1.9					x											1
10/27/79	21:12:06	2.0														x		1
10/27/79	21:54:40	2.8		x														1
10/28/79	20:29:53	1.7					x											1
10/29/79	02:39:20	2.0	x			x	x									x		4
10/29/79	03:39:48	2.5	x				x			x								3
10/29/79	05:42:11	2.5	x															1
10/29/79	15:55:22	2.4														x		1
10/29/79	18:33:46	2.5	x			x	x			x					x			5
10/30/79	21:01:48	2.7		x														1
10/31/79	11:43:46	3.4	x	x			x	x		x	x				x	x		8
10/31/79	18:49:46	3.4														x		1
11/01/79	09:29:33	3.0	x													x		2
11/01/79	09:48:27	2.9	x													x		2
11/04/79	09:30:31	3.0				x										x		2
11/04/79	09:41:28	1.9					x											1
11/04/79	10:23:26	2.6	x				x											2
11/04/79	17:13:30	3.6	x			x	x			x						x		5
11/04/79	20:08:07	2.7				x									x			2
11/07/79	13:47:29	2.7		x														1
11/08/79	13:51:30	2.5					x									x		2
11/09/79	23:03:58	3.0									x							1
11/10/79	20:35:42	2.6		x		x												2
11/11/79	06:42:24	3.3	x													x		2
11/11/79	15:32:45	2.7		x				x		x								3

TABLE 3 (Continued)

Date (UTC)	Time (UTC)	M_L	Recording Station													Total No.			
			AFB	BCS	CFG	CRK	FBR	GPN	GRS	HAS	HUS	IVC	JMS	KYR	ROB		RVR	SLD	
11/11/79	15:59:23	2.4		x														1	
11/12/79	00:54:36	1.8																x	1
11/14/79	03:52:47	2.7				x	x	x			x							x	5
Total			50	10	7	40	61	3	47	5	7	2	5	12	3	3	47	302	

TABLE 4

Peak Ground-Motion Parameters

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
10/17/79	05:57:06	FBR	VERT	0.60	8.01E+00	6.68E+00	6.84E+00	8.91E-02	2.03E-03	
			000	0.60	5.83E+00	5.95E+00	5.92E+00	9.07E-02	1.89E-03	
			090	0.90	4.48E+00	4.47E+00	4.53E+00	6.94E-02	1.32E-03	
10/17/79	06:14:02	FBR	VERT	1.00	3.90E+00	3.73E+00	3.18E+00	6.85E-02	2.72E-03	
			000	0.70	3.47E+00	3.47E+00	3.43E+00	9.11E-02	4.46E-03	
			270	0.70	2.26E+00	2.32E+00	2.29E+00	7.85E-02	4.47E-03	
10/17/79	07:01:46	FBR	VERT	0.90	1.21E+00	6.82E-01	6.80E-01	1.12E-02	5.59E-04	
			000	1.20	8.36E-01	5.59E-01	5.51E-01	1.20E-02	3.68E-04	
			270	0.97	9.10E-01	6.02E-01	5.89E-01	1.15E-02	7.79E-04	
10/17/79	08:27:20	FBR	VERT	0.90	1.08E+00	7.16E-01	6.75E-01	2.35E-02	9.02E-04	
			000	0.85	8.32E-01	6.49E-01	5.17E-01	8.67E-03	3.02E-04	
			270	0.85	3.45E-01	2.68E-01	2.41E-01	4.34E-03	2.00E-04	
10/17/79	08:38:52	FBR	VERT	0.32	1.48E+00	1.53E+00	1.54E+00	4.69E-02	2.71E-03	
			000	0.60	1.60E+00	1.33E+00	1.32E+00	8.87E-02	7.98E-03	
			270	0.46	1.41E+00	1.12E+00	1.05E+00	7.81E-02	7.57E-03	
10/17/79	08:58:14	FBR	VERT	0.95	3.07E+00	2.52E+00	2.21E+00	2.09E-02	2.62E-04	
			000	0.75	9.88E+00	1.01E+01	9.93E+00	1.50E-01	3.06E-03	
			270	0.80	3.42E+00	3.67E+00	3.58E+00	4.41E-02	9.96E-04	
10/17/79	09:01:55	FBR	VERT	0.91	1.08E+01	8.37E+00	8.37E+00	6.22E-02	1.06E-03	
			000	1.40	2.37E+00	2.36E+00	2.30E+00	3.03E-02	4.70E-04	
			270	1.40	2.43E+00	2.22E+00	2.23E+00	2.55E-02	5.22E-04	
10/17/79	09:12:27	FBR	VERT	0.89	6.69E+00	5.55E+00	5.16E+00	3.94E-02	9.48E-04	
			000	0.70	7.65E+00	7.78E+00	7.45E+00	1.25E-01	4.20E-03	
			270	0.93	4.70E+00	4.51E+00	4.39E+00	6.86E-02	2.90E-03	
10/17/79	09:17:22	FBR	VERT	0.50	8.81E-01	7.04E-01	6.79E-01	2.22E-02	6.85E-04	
			000	1.40	5.74E-01	4.03E-01	3.28E-01	1.03E-02	4.07E-04	
			270	0.60	4.15E-01	3.36E-01	3.15E-01	7.40E-03	2.92E-04	
10/17/79	10:13:19	FBR	VERT	0.80	1.36E+00	1.06E+00	1.07E+00	1.19E-02	1.89E-04	
			000	1.10	1.16E+00	1.17E+00	1.11E+00	1.85E-02	4.78E-04	
			270	0.50	1.33E+00	1.03E+00	9.25E-01	1.35E-02	3.82E-04	
10/17/79	11:43:37	FBR	VERT	0.75	8.89E-01	7.68E-01	7.78E-01	1.15E-02	3.01E-04	
			000	0.86	6.39E+00	6.53E+00	6.35E+00	1.07E-01	2.75E-03	
			270	1.57	2.93E+00	2.60E+00	2.52E+00	5.35E-02	1.76E-03	
10/17/79	19:14:38	CFG	VERT	1.42	5.25E+01	4.52E+01	4.57E+01	6.28E-01	2.55E-02	
			000	1.27	3.24E+01	3.24E+01	3.14E+01	1.09E+00	4.08E-02	
			090	1.05	3.30E+01	3.16E+01	3.25E+01	7.92E-01	6.34E-02	
10/17/79	22:09:26	CRK	VERT	1.40	3.44E+00	2.78E+00	3.10E+00	2.74E-02	6.03E-04	
			FBR	VERT	1.37	6.01E+00	4.26E+00	3.72E+00	2.73E-02	4.91E-04
			000	0.68	6.64E+00	6.88E+00	6.75E+00	1.43E-01	6.00E-03	
10/17/79	22:10:28	FBR	VERT	1.45	3.56E+00	2.68E+00	2.84E+00	2.94E-02	5.14E-04	
			000	0.78	5.36E+00	5.55E+00	5.40E+00	9.82E-02	3.62E-03	

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
			270	0.63	4.71E+00	4.80E+00	4.70E+00	7.24E-02	1.63E-03
10/17/79	22:19:44	CRK	VERT	1.70	1.48E+00	1.41E+00	1.40E+00	1.69E-02	2.49E-04
10/17/79	22:31:39	CRK	VERT	1.17	3.47E+00	2.98E+00	3.33E+00	4.28E-02	1.13E-03
		FBR	VERT	0.87	6.48E+00	4.44E+00	4.94E+00	3.14E-02	7.90E-04
		000		0.47	5.61E+00	5.57E+00	5.51E+00	1.38E-01	1.11E-02
		270		0.60	6.67E+00	6.66E+00	6.87E+00	1.14E-01	3.97E-03
10/17/79	22:44:48	CRK	VERT	1.22	9.78E-01	4.96E-01	4.97E-01	1.44E-02	4.21E-04
10/17/79	22:45:34	CRK	VERT	0.80	1.70E+02	3.74E+01	3.18E+01	7.84E-01	5.10E-02
		FBR	VERT	0.90	8.69E+00	8.69E+00	8.42E+00	1.62E-01	4.79E-02
		000		0.29	1.71E+01	1.74E+01	1.72E+01	9.74E-01	1.71E-01
		270		0.34	7.50E+00	7.43E+00	7.18E+00	5.20E-01	9.74E-02
10/17/79	22:50:32	CRK	VERT	0.98	3.43E+00	3.33E+00	3.29E+00	4.78E-02	1.65E-03
10/17/79	22:54:21	CRK	VERT	1.27	3.70E+00	3.47E+00	3.43E+00	7.35E-02	2.21E-03
		FBR	VERT	1.12	1.08E+00	9.78E-01	9.90E-01	1.75E-02	3.34E-04
		000		1.13	1.24E+00	1.03E+00	1.01E+00	3.01E-02	1.26E-03
		270		0.97	1.17E+00	1.08E+00	1.06E+00	1.78E-02	6.68E-04
10/17/79	23:27:32	CRK	VERT	0.66	5.79E+00	5.81E+00	5.59E+00	1.08E-01	2.90E-03
		FBR	VERT	0.80	9.56E-01	8.88E-01	8.50E-01	1.27E-02	5.18E-04
		000		1.00	2.38E+00	2.40E+00	2.28E+00	4.53E-02	1.30E-03
		270		0.55	9.99E-01	9.70E-01	9.75E-01	3.43E-02	2.21E-03
10/17/79	23:30:55	CRK	VERT	1.12	2.17E+00	1.99E+00	2.00E+00	3.46E-02	7.04E-04
10/18/79	00:02:31	CRK	VERT	2.00	2.15E+00	1.84E+00	1.70E+00	2.66E-02	6.54E-04
10/18/79	00:29:47	AFB	VERT	0.90	1.48E+00	1.52E+00	1.51E+00	4.07E-02	1.63E-03
		000		0.80	2.27E+00	2.29E+00	2.22E+00	4.60E-02	1.22E-03
		270		0.80	2.76E+00	2.50E+00	2.43E+00	4.98E-02	1.20E-03
10/18/79	02:14:49	AFB	VERT	0.93	1.32E+00	1.02E+00	9.37E-01	2.91E-02	8.98E-04
		000		1.25	1.27E+00	1.17E+00	1.14E+00	1.85E-02	4.38E-04
		270		0.74	1.23E+00	1.08E+00	1.02E+00	1.90E-02	5.14E-04
		GRS	VERT	0.90	1.49E+00	1.44E+00	1.40E+00	2.94E-02	9.40E-04
		000		1.45	1.02E+00	6.39E-01	6.07E-01	1.38E-02	6.29E-04
		270		1.37	1.48E+00	5.96E-01	5.66E-01	1.02E-02	3.07E-04
10/18/79	02:29:14	AFB	VERT	1.67	1.14E+00	9.69E-01	9.73E-01	1.91E-02	4.61E-04
		000		0.70	9.77E-01	8.29E-01	8.01E-01	1.64E-02	7.59E-04
		270		0.66	1.97E+00	1.87E+00	1.83E+00	3.93E-02	1.55E-03
		GRS	VERT	0.88	1.19E+00	1.16E+00	1.12E+00	3.38E-02	1.18E-03
		000		1.02	7.88E-01	8.15E-01	8.20E-01	1.30E-02	3.81E-04
		270		0.83	9.95E-01	9.57E-01	9.10E-01	1.72E-02	6.32E-04
10/18/79	03:17:17	AFB	VERT	1.00	2.12E+01	2.02E+01	1.89E+01	2.66E-01	5.25E-03
		000		0.85	4.81E+01	4.95E+01	4.80E+01	1.04E+00	3.90E-02
		270		0.85	5.00E+01	5.00E+01	5.13E+01	6.62E-01	2.36E-02
		FBR	VERT	0.90	2.48E+01	1.98E+01	1.83E+01	1.58E-01	3.29E-03
		000		0.34	2.50E+01	2.57E+01	2.63E+01	7.64E-01	3.56E-02
		270		0.34	1.85E+01	1.89E+01	1.78E+01	4.45E-01	3.14E-02
		GRS	VERT	0.96	4.00E+01	4.17E+01	4.18E+01	7.39E-01	1.80E-02
		000		0.58	1.75E+01	1.83E+01	1.76E+01	4.65E-01	2.39E-02
		270		0.58	1.74E+01	1.82E+01	1.73E+01	3.93E-01	1.97E-02

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)		
10/18/79	03:31:58	GRS	VERT	1.12	1.95E+00	9.23E-01	9.04E-01	1.50E-02	4.36E-04		
			000	1.70	2.09E+00	2.12E+00	2.10E+00	3.15E-02	9.13E-04		
			270	1.40	1.44E+00	9.96E-01	1.02E+00	1.70E-02	4.37E-04		
10/18/79	03:41:52	AFB	VERT	1.60	2.51E+00	2.26E+00	1.97E+00	2.90E-02	6.22E-04		
			000	0.90	4.26E+00	4.11E+00	4.12E+00	8.77E-02	3.32E-03		
			270	0.90	5.22E+00	5.26E+00	5.13E+00	8.66E-02	1.59E-03		
		FBR	VERT	1.42	1.18E+00	1.27E+00	1.29E+00	1.63E-02	2.44E-04		
			000	1.27	5.02E+00	4.94E+00	4.77E+00	7.82E-02	2.60E-03		
			270	0.70	3.94E+00	4.00E+00	3.87E+00	5.89E-02	1.62E-03		
		GRS	VERT	0.82	4.35E+00	4.06E+00	3.93E+00	4.99E-02	1.24E-03		
			000	1.17	2.57E+00	2.64E+00	2.59E+00	4.15E-02	1.52E-03		
			270	1.07	2.34E+00	2.15E+00	2.26E+00	3.06E-02	8.73E-04		
10/18/79	04:36:41	AFB	VERT	1.10	1.11E+00	1.03E+00	1.03E+00	2.15E-02	9.23E-04		
			000	1.00	5.16E-01	3.07E-01	2.86E-01	8.63E-03	5.36E-04		
			270	1.77	5.25E-01	4.01E-01	3.72E-01	7.21E-03	2.34E-04		
10/18/79	04:40:55	AFB	VERT	1.12	2.08E+00	1.98E+00	1.95E+00	5.41E-02	2.02E-03		
			000	1.17	1.03E+00	9.84E-01	9.00E-01	3.41E-02	1.48E-03		
			270	1.00	1.43E+00	1.35E+00	1.35E+00	3.53E-02	1.30E-03		
		GRS	VERT	0.77	1.76E+00	8.70E-01	8.59E-01	2.51E-02	9.15E-04		
			000	0.98	8.63E-01	3.64E-01	4.02E-01	9.67E-03	4.51E-04		
			270	1.10	1.59E+00	5.13E-01	3.48E-01	1.17E-02	4.99E-04		
		10/18/79	05:37:21	AFB	VERT	0.74	1.32E+01	1.15E+01	1.13E+01	1.06E-01	2.60E-03
					000	0.39	1.97E+01	1.97E+01	2.01E+01	4.96E-01	2.84E-02
					270	0.29	1.80E+01	1.76E+01	1.85E+01	4.62E-01	1.42E-02
FBR	VERT			0.90	7.17E+00	6.26E+00	6.30E+00	4.97E-02	1.44E-03		
	000			0.60	1.64E+01	1.69E+01	1.64E+01	3.34E-01	1.81E-02		
	270			0.60	1.14E+01	1.09E+01	1.12E+01	1.88E-01	6.88E-03		
GRS	VERT			0.80	1.93E+01	1.43E+01	1.52E+01	2.21E-01	4.71E-03		
	000			1.00	7.32E+00	7.62E+00	7.44E+00	1.46E-01	5.41E-03		
	270			0.70	6.21E+00	6.02E+00	5.94E+00	1.06E-01	3.64E-03		
10/18/79	06:31:43	GRS	VERT	0.86	1.56E+00	7.64E-01	6.11E-01	1.65E-02	6.12E-04		
			000	1.00	9.41E-01	4.32E-01	2.90E-01	5.46E-03	1.70E-04		
			270	1.07	1.26E+00	5.56E-01	2.77E-01	7.74E-03	2.69E-04		
10/18/79	08:20:10	GRS	VERT	0.90	1.09E+00	5.25E-01	5.01E-01	1.38E-02	4.80E-04		
			000	0.93	1.40E+00	1.37E+00	1.36E+00	3.79E-02	1.10E-03		
			270	0.83	1.27E+00	1.25E+00	1.25E+00	2.64E-02	9.69E-04		
10/18/79	11:17:54	FBR	VERT	1.20	5.69E+00	4.63E+00	5.21E+00	3.48E-02	4.37E-04		
			000	0.90	5.29E+00	5.32E+00	5.09E+00	7.53E-02	1.35E-03		
			270	0.94	4.92E+00	4.92E+00	4.91E+00	5.40E-02	9.97E-04		
10/18/79	12:01:10	AFB	VERT	1.07	1.18E+01	1.12E+01	1.00E+01	1.41E-01	2.49E-03		
			000	0.64	2.76E+01	2.93E+01	2.73E+01	4.63E-01	1.52E-02		
			270	0.64	1.82E+01	1.73E+01	1.88E+01	4.75E-01	2.37E-02		
		FBR	VERT	0.90	4.01E+00	3.63E+00	3.56E+00	4.56E-02	1.18E-03		
			000	0.65	8.09E+00	7.96E+00	7.94E+00	2.01E-01	1.19E-02		
			270	0.65	8.81E+00	8.51E+00	8.06E+00	1.86E-01	9.53E-03		
		GRS	VERT	0.60	5.90E+00	5.85E+00	5.73E+00	8.82E-02	3.69E-03		

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
				000	0.48	1.60E+01	1.65E+01	1.60E+01	3.51E-01	1.88E-02
				270	0.75	8.60E+00	8.41E+00	8.40E+00	1.93E-01	1.16E-02
10/18/79	12:42:24	AFB	VERT	1.47	1.10E+00	8.07E-01	7.79E-01	1.58E-02	4.44E-04	
				000	0.55	8.39E-01	7.28E-01	7.02E-01	2.41E-02	2.54E-03
				270	0.78	1.37E+00	1.21E+00	1.20E+00	4.55E-02	3.11E-03
		FBR	VERT	0.70	1.50E+00	1.47E+00	1.38E+00	1.98E-02	8.01E-04	
				000	0.70	8.66E-01	8.02E-01	7.69E-01	1.80E-02	7.77E-04
				270	0.81	9.12E-01	8.00E-01	7.75E-01	1.37E-02	5.19E-04
		GRS	VERT	1.22	1.75E+00	1.43E+00	1.37E+00	4.10E-02	1.44E-03	
				000	1.00	1.02E+00	6.92E-01	6.68E-01	2.69E-02	1.50E-03
				270	0.67	1.30E+00	8.60E-01	8.40E-01	2.41E-02	9.43E-04
10/18/79	12:51:59	GRS	VERT	0.90	3.15E+00	2.87E+00	2.91E+00	3.45E-02	5.32E-04	
				000	0.80	2.50E+00	2.64E+00	2.58E+00	3.51E-02	1.11E-03
				270	0.80	3.10E+00	3.26E+00	3.21E+00	4.59E-02	9.23E-04
10/18/79	13:01:15	FBR	VERT	0.84	1.73E+01	1.26E+01	1.34E+01	9.32E-02	1.66E-03	
				000	1.00	2.21E+01	2.32E+01	2.17E+01	3.31E-01	5.23E-03
				270	1.00	2.03E+01	2.07E+01	2.01E+01	2.75E-01	4.55E-03
10/18/79	13:10:42	FBR	VERT	0.80	6.72E+00	5.41E+00	5.96E+00	4.25E-02	6.15E-04	
				000	0.90	2.40E+00	1.71E+00	1.70E+00	2.96E-02	8.35E-04
				090	0.90	2.60E+00	2.44E+00	2.38E+00	3.60E-02	8.37E-04
10/18/79	13:20:27	AFB	VERT	1.40	8.08E+00	7.76E+00	8.08E+00	2.21E-01	4.79E-03	
				000	1.50	3.24E+00	3.33E+00	3.20E+00	6.13E-02	2.32E-03
				270	1.50	3.38E+00	3.30E+00	3.32E+00	5.09E-02	1.91E-03
		FBR	VERT	0.75	9.72E+00	8.90E+00	9.89E+00	7.04E-02	1.57E-03	
				000	1.10	1.34E+01	1.44E+01	1.38E+01	2.87E-01	6.79E-03
				270	0.40	1.22E+01	1.20E+01	1.19E+01	2.67E-01	1.95E-02
		GRS	VERT	1.70	1.19E+01	1.22E+01	1.21E+01	1.76E-01	4.19E-03	
				000	0.57	1.62E+01	1.68E+01	1.64E+01	2.90E-01	1.10E-02
				270	0.69	9.09E+00	9.54E+00	9.34E+00	2.12E-01	7.12E-03
10/18/79	13:52:41	AFB	VERT	1.47	1.13E+01	1.02E+01	9.71E+00	9.73E-02	2.48E-03	
				000	0.77	6.83E+00	6.86E+00	6.74E+00	1.22E-01	4.55E-03
				270	0.74	8.72E+00	8.85E+00	8.74E+00	1.07E-01	2.23E-03
		FBR	VERT	0.94	3.92E+00	3.12E+00	3.45E+00	3.95E-02	7.32E-04	
				000	0.48	1.16E+01	1.15E+01	1.12E+01	1.69E-01	5.33E-03
				270	0.38	8.27E+00	8.70E+00	8.57E+00	1.24E-01	5.23E-03
		GRS	VERT	1.02	4.89E+00	4.57E+00	4.41E+00	6.42E-02	1.84E-03	
				000	0.57	5.84E+00	6.10E+00	5.82E+00	1.44E-01	5.64E-03
				270	0.74	3.86E+00	3.87E+00	3.82E+00	8.69E-02	3.26E-03
10/18/79	14:56:20	AFB	VERT	0.77	5.50E+00	5.59E+00	5.44E+00	1.32E-01	3.09E-03	
				000	0.47	4.74E+00	4.95E+00	4.69E+00	1.09E-01	5.93E-03
				270	1.02	5.32E+00	5.27E+00	5.18E+00	1.82E-01	5.74E-03
		FBR	VERT	1.10	2.54E+00	2.31E+00	2.33E+00	3.27E-02	1.59E-03	
				000	0.87	2.73E+00	2.41E+00	2.37E+00	6.26E-02	2.62E-03
				270	0.87	1.57E+00	1.53E+00	1.49E+00	5.21E-02	2.68E-03
		GRS	VERT	0.88	7.05E+00	7.35E+00	7.08E+00	1.19E-01	3.59E-03	
				000	0.60	2.43E+00	2.47E+00	2.44E+00	5.25E-02	2.38E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
10/18/79	16:24:37	AFB	270	0.95	2.21E+00	2.32E+00	2.24E+00	4.92E-02	2.11E-03
			VERT	1.00	3.08E+00	2.82E+00	2.84E+00	4.37E-02	1.49E-03
			000	0.60	2.07E+00	2.01E+00	1.90E+00	4.15E-02	1.26E-03
		CFG	270	1.10	1.85E+00	1.76E+00	1.67E+00	3.93E-02	1.52E-03
			VERT	3.90	2.54E+01	2.46E+01	2.27E+01	2.28E-01	3.58E-03
			000	1.00	1.74E+01	1.88E+01	1.93E+01	3.96E-01	1.24E-02
		GRS	090	1.00	2.52E+01	2.58E+01	2.54E+01	5.33E-01	1.52E-02
			VERT	1.52	4.76E+00	3.94E+00	3.76E+00	5.77E-02	1.66E-03
			000	0.73	1.27E+01	1.32E+01	1.26E+01	2.08E-01	8.04E-03
10/18/79	16:50:48	AFB	270	0.73	8.03E+00	8.02E+00	7.98E+00	1.62E-01	4.90E-03
			VERT	1.27	3.02E+00	2.95E+00	2.79E+00	4.51E-02	1.01E-03
			000	0.80	1.63E+00	1.60E+00	1.50E+00	2.06E-02	3.07E-04
		GRS	270	1.50	1.14E+00	1.14E+00	1.15E+00	1.49E-02	2.73E-04
			VERT	1.20	4.52E+00	4.29E+00	4.29E+00	4.72E-02	8.61E-04
			000	0.67	1.19E+01	1.20E+01	1.19E+01	1.99E-01	5.16E-03
		270	0.68	7.51E+00	7.67E+00	7.55E+00	1.23E-01	3.10E-03	
			VERT	1.57	1.90E+00	1.64E+00	1.59E+00	2.40E-02	4.05E-04
			000	0.75	4.99E+00	5.34E+00	5.33E+00	7.03E-02	1.64E-03
10/18/79	18:32:27	AFB	270	0.69	4.02E+00	4.10E+00	3.94E+00	6.83E-02	1.97E-03
			VERT	0.86	6.61E+00	6.08E+00	6.34E+00	6.17E-02	1.23E-03
			000	1.00	1.09E+01	1.08E+01	1.08E+01	1.20E-01	5.16E-03
		CRK	270	0.71	1.02E+01	1.06E+01	1.02E+01	1.21E-01	7.47E-03
			VERT	1.30	1.65E+00	1.28E+00	1.13E+00	2.50E-02	5.97E-04
			000	0.58	1.78E+00	1.91E+00	1.90E+00	3.35E-02	1.58E-03
		GRS	270	0.85	2.13E+00	2.20E+00	2.18E+00	3.29E-02	1.01E-03
			VERT	1.37	1.96E+00	1.99E+00	1.99E+00	2.60E-02	5.93E-04
			000	0.58	1.78E+00	1.91E+00	1.90E+00	3.35E-02	1.58E-03
10/18/79	19:10:51	AFB	270	0.85	2.13E+00	2.20E+00	2.18E+00	3.29E-02	1.01E-03
			VERT	1.00	5.56E+00	4.89E+00	5.07E+00	7.49E-02	1.47E-03
			000	0.80	1.52E+01	1.55E+01	1.52E+01	2.24E-01	6.58E-03
		CRK	270	0.60	1.22E+01	1.18E+01	1.20E+01	2.62E-01	1.83E-02
			VERT	0.92	9.18E+00	9.28E+00	9.18E+00	1.86E-01	3.62E-03
			000	0.74	5.30E+00	5.22E+00	5.04E+00	1.22E-01	6.15E-03
		FBR	270	0.74	3.96E+00	4.01E+00	3.78E+00	9.94E-02	5.36E-03
			VERT	0.93	3.35E+00	3.08E+00	3.00E+00	7.00E-02	2.50E-03
			000	0.70	9.84E+00	1.00E+01	9.79E+00	2.69E-01	1.03E-02
10/18/79	19:18:58	AFB	270	0.57	7.21E+00	7.18E+00	7.09E+00	1.74E-01	6.05E-03
			VERT	0.69	7.00E+00	7.13E+00	7.00E+00	7.90E-02	2.19E-03
			000	1.40	9.04E+00	9.17E+00	8.54E+00	1.25E-01	3.69E-03
		CRK	270	0.56	7.88E+00	8.06E+00	7.74E+00	2.36E-01	6.93E-03
			VERT	0.80	2.70E+00	2.37E+00	2.35E+00	4.38E-02	1.19E-03
			000	1.00	1.56E+00	1.54E+00	1.53E+00	2.57E-02	1.11E-03
		GRS	270	1.00	1.93E+00	1.95E+00	1.87E+00	4.13E-02	9.49E-04
			VERT	1.00	1.56E+00	1.54E+00	1.53E+00	2.57E-02	1.11E-03
			000	1.00	1.56E+00	1.54E+00	1.53E+00	2.57E-02	1.11E-03
270	1.00	2.61E+00	2.66E+00	2.64E+00	5.16E-02	1.02E-03			
	VERT	1.47	2.06E+00	1.82E+00	1.78E+00	2.82E-02	4.73E-04		
	000	0.58	2.00E+00	1.87E+00	1.83E+00	4.06E-02	2.47E-03		
10/19/79	00:26:03	CRK	VERT	1.47	2.06E+00	1.82E+00	1.78E+00	2.82E-02	4.73E-04
			000	0.58	2.00E+00	1.87E+00	1.83E+00	4.06E-02	2.47E-03
			270	1.00	2.61E+00	2.66E+00	2.64E+00	5.16E-02	1.02E-03
10/19/79	01:03:15	AFB	VERT	1.39	1.26E+00	1.25E+00	1.25E+00	2.15E-02	5.18E-04
			000	0.58	2.00E+00	1.87E+00	1.83E+00	4.06E-02	2.47E-03
			270	1.00	2.61E+00	2.66E+00	2.64E+00	5.16E-02	1.02E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
			270	0.60	2.56E+00	2.51E+00	2.45E+00	7.28E-02	3.86E-03
		GRS	VERT	0.96	1.27E+00	1.25E+00	1.24E+00	2.38E-02	6.75E-04
			000	0.96	9.95E-01	9.27E-01	9.13E-01	2.26E-02	1.07E-03
			270	0.96	9.78E-01	6.82E-01	6.68E-01	9.65E-03	3.69E-04
10/19/79	01:05:43	AFB	VERT	1.02	2.34E+00	2.17E+00	2.17E+00	3.45E-02	9.29E-04
			000	0.36	6.44E+00	6.52E+00	6.26E+00	1.56E-01	9.13E-03
			270	0.59	7.15E+00	7.57E+00	7.30E+00	2.33E-01	1.04E-02
		CRK	VERT	0.94	1.54E+00	1.50E+00	1.50E+00	2.80E-02	7.84E-04
		GRS	VERT	1.62	1.73E+00	1.59E+00	1.60E+00	6.07E-02	3.39E-03
			000	0.60	2.52E+00	2.64E+00	2.57E+00	4.90E-02	1.54E-03
			270	0.78	1.01E+00	7.26E-01	6.52E-01	2.46E-02	1.06E-03
10/19/79	03:32:57	AFB	VERT	1.10	2.22E+00	1.80E+00	1.80E+00	3.50E-02	5.88E-04
			000	1.80	5.76E-01	5.29E-01	5.59E-01	8.98E-03	1.84E-04
			270	1.30	7.23E-01	5.16E-01	4.58E-01	8.36E-03	2.70E-04
10/19/79	05:00:16	SLD	VERT	1.75	2.20E+00	2.11E+00	2.14E+00	3.77E-02	6.46E-04
			000	1.20	2.78E+00	2.64E+00	2.63E+00	4.36E-02	1.11E-03
			270	1.20	7.71E+00	7.98E+00	7.78E+00	1.12E-01	2.26E-03
10/19/79	05:53:41	SLD	VERT	0.68	5.99E+00	5.99E+00	5.54E+00	9.20E-02	2.19E-03
			000	0.92	2.19E+01	2.13E+01	1.98E+01	2.83E-01	9.87E-03
			270	0.74	3.11E+01	3.17E+01	3.05E+01	4.11E-01	9.00E-03
10/19/79	06:24:57	SLD	VERT	1.25	2.68E+00	1.21E+00	1.14E+00	2.64E-02	8.53E-04
			000	0.59	4.12E+00	4.11E+00	3.96E+00	9.93E-02	4.35E-03
			270	0.89	4.85E+00	4.74E+00	4.73E+00	9.71E-02	3.31E-03
10/19/79	06:51:41	SLD	VERT	1.17	6.96E+00	6.08E+00	5.61E+00	7.28E-02	2.34E-03
			000	0.78	2.86E+01	2.90E+01	2.85E+01	4.76E-01	1.54E-02
			270	0.63	2.72E+01	2.71E+01	2.61E+01	4.19E-01	8.90E-03
10/19/79	09:44:32	SLD	VERT	0.90	5.55E+00	5.29E+00	5.44E+00	8.04E-02	1.81E-03
			000	0.86	1.79E+01	1.84E+01	1.76E+01	2.75E-01	8.38E-03
			270	0.95	1.23E+01	1.21E+01	1.18E+01	2.11E-01	5.57E-03
10/19/79	09:55:57	AFB	VERT	0.93	1.06E+01	1.02E+01	9.43E+00	1.27E-01	3.67E-03
			000	0.90	1.96E+01	2.04E+01	2.00E+01	4.35E-01	1.65E-02
			270	0.90	1.62E+01	1.67E+01	1.65E+01	2.79E-01	1.23E-02
		CRK	VERT	0.96	1.96E+00	1.90E+00	1.88E+00	2.97E-02	1.03E-03
		FBR	VERT	1.25	3.25E+00	3.22E+00	3.14E+00	9.06E-02	4.41E-03
			000	1.27	3.33E+00	3.33E+00	3.26E+00	1.19E-01	6.17E-03
			270	1.27	1.46E+00	1.36E+00	1.32E+00	2.92E-02	6.87E-04
		GRS	VERT	1.00	1.87E+00	1.31E+00	1.44E+00	2.08E-02	6.95E-04
			000	0.70	2.36E+00	2.26E+00	2.25E+00	4.48E-02	1.20E-03
			270	0.57	1.94E+00	2.04E+00	1.93E+00	2.50E-02	8.49E-04
		SLD	VERT	0.70	2.40E+00	2.24E+00	2.17E+00	4.92E-02	1.18E-03
			000	0.70	5.75E+00	5.54E+00	5.40E+00	1.65E-01	6.14E-03
			270	0.56	5.91E+00	5.92E+00	6.05E+00	1.04E-01	3.59E-03
10/19/79	10:35:08	AFB	VERT	1.42	9.38E+00	9.60E+00	9.50E+00	1.98E-01	5.38E-03
			000	0.46	2.20E+01	2.23E+01	2.18E+01	7.75E-01	5.13E-02
			270	0.70	3.66E+01	3.72E+01	3.64E+01	8.40E-01	2.67E-02
		CFG	VERT	1.60	1.05E+01	7.56E+00	8.19E+00	1.18E-01	2.53E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
				000	1.10	1.29E+01	1.33E+01	1.30E+01	2.89E-01	1.60E-02
				090	0.65	1.11E+01	1.15E+01	1.12E+01	1.57E-01	1.00E-02
		CRK	VERT	0.66	9.62E+00	7.96E+00	8.25E+00	1.37E-01	4.91E-03	
		FBR	VERT	0.53	3.08E+01	2.63E+01	2.61E+01	2.89E-01	9.43E-03	
				000	0.33	1.75E+01	1.80E+01	1.75E+01	3.91E-01	2.62E-02
				270	0.60	2.71E+01	2.74E+01	2.65E+01	2.66E-01	1.50E-02
		GRS	VERT	1.50	8.67E+00	8.55E+00	8.51E+00	1.52E-01	5.23E-03	
				000	0.57	9.74E+00	9.96E+00	9.75E+00	1.76E-01	5.97E-03
				270	0.58	9.63E+00	1.00E+01	9.72E+00	1.69E-01	1.19E-02
		KYR	VERT	1.32	7.17E+01	3.58E+01	4.23E+01	3.92E-01	9.44E-03	
				270	0.69	1.02E+02	9.92E+01	9.80E+01	1.85E+00	1.05E-01
				000	0.69	1.38E+02	1.35E+02	1.34E+02	2.53E+00	7.70E-02
		RVR	VERT	1.40	1.73E+01	1.76E+01	1.81E+01	2.07E-01	4.15E-03	
				270	1.00	8.24E+00	8.10E+00	7.94E+00	1.65E-01	4.51E-03
		SLD	VERT	1.10	4.74E+00	4.73E+00	4.46E+00	7.98E-02	3.17E-03	
				000	1.05	5.30E+00	5.14E+00	5.10E+00	1.28E-01	6.71E-03
				270	0.47	6.22E+00	6.07E+00	6.31E+00	1.61E-01	1.08E-02
10/19/79	11:11:26	GRS	VERT	1.32	2.63E+00	2.51E+00	2.42E+00	3.34E-02	7.14E-04	
				000	0.94	4.86E+00	4.74E+00	4.65E+00	6.77E-02	2.45E-03
				270	1.65	5.15E+00	5.07E+00	4.98E+00	6.58E-02	1.80E-03
		SLD	VERT	1.20	5.41E+00	4.87E+00	4.89E+00	4.93E-02	1.03E-03	
				000	1.10	6.39E+00	6.54E+00	6.33E+00	1.09E-01	3.54E-03
				270	1.10	4.95E+00	5.18E+00	5.07E+00	1.16E-01	3.39E-03
10/19/79	11:19:23	SLD	VERT	1.15	3.67E+00	3.45E+00	3.27E+00	6.67E-02	1.67E-03	
				000	0.90	1.18E+01	1.16E+01	1.14E+01	2.30E-01	9.23E-03
				270	0.80	1.06E+01	1.05E+01	1.04E+01	1.92E-01	6.19E-03
10/19/79	15:01:47	SLD	VERT	1.32	4.01E+00	3.55E+00	3.50E+00	6.75E-02	1.87E-03	
				000	0.82	1.01E+01	1.04E+01	1.03E+01	2.15E-01	5.77E-03
				270	0.55	1.00E+01	9.80E+00	9.75E+00	2.79E-01	9.79E-03
10/19/79	15:05:00	SLD	VERT	1.70	1.53E+00	1.51E+00	1.51E+00	2.82E-02	9.03E-04	
				000	1.42	4.30E+00	4.41E+00	4.42E+00	7.50E-02	1.58E-03
				270	0.82	5.85E+00	5.95E+00	5.75E+00	9.90E-02	3.65E-03
10/19/79	16:56:12	AFB	VERT	1.00	1.78E+01	1.65E+01	1.72E+01	1.85E-01	2.71E-03	
				000	0.72	1.34E+01	1.40E+01	1.35E+01	2.60E-01	6.23E-03
				270	1.27	1.59E+01	1.63E+01	1.58E+01	2.63E-01	6.76E-03
		CRK	VERT	1.50	2.99E+00	2.98E+00	2.71E+00	3.26E-02	7.50E-04	
		FBR	VERT	1.27	5.90E+00	4.16E+00	3.27E+00	2.46E-02	5.66E-04	
				000	0.71	6.83E+00	6.66E+00	6.61E+00	1.52E-01	6.01E-03
				270	0.71	6.21E+00	6.18E+00	6.43E+00	9.53E-02	3.80E-03
		GRS	VERT	0.90	3.70E+00	3.85E+00	3.87E+00	5.16E-02	1.35E-03	
				000	1.50	1.38E+01	1.45E+01	1.40E+01	1.59E-01	2.39E-03
				270	2.00	5.95E+00	5.88E+00	5.86E+00	5.42E-02	5.92E-04
		KYR	VERT	1.10	7.30E+01	5.83E+01	5.00E+01	4.14E-01	6.27E-03	
				270	1.10	3.76E+01	3.65E+01	3.59E+01	5.17E-01	1.50E-02
				000	1.10	3.36E+01	3.53E+01	3.28E+01	5.94E-01	1.42E-02
		SLD	VERT	1.65	6.41E+00	5.58E+00	5.28E+00	5.15E-02	1.04E-03	

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
			000	1.30	2.13E+00	1.92E+00	1.86E+00	2.53E-02	8.68E-04
			270	1.30	2.72E+00	2.66E+00	2.65E+00	5.53E-02	1.28E-03
10/19/79	18:50:38	AFB	VERT	0.76	2.48E+00	2.49E+00	2.46E+00	5.08E-02	1.05E-03
			000	0.78	6.89E+00	7.17E+00	6.98E+00	1.24E-01	4.77E-03
			270	0.78	8.58E+00	8.90E+00	8.71E+00	1.75E-01	4.85E-03
		CRK	VERT	1.17	2.27E+00	2.26E+00	2.24E+00	2.94E-02	7.56E-04
		FBR	VERT	0.84	1.79E+01	1.56E+01	1.59E+01	1.31E-01	2.41E-03
			000	0.70	9.87E+00	9.89E+00	9.92E+00	1.31E-01	3.12E-03
			270	0.70	1.30E+01	1.34E+01	1.31E+01	1.69E-01	5.73E-03
		GRS	VERT	1.20	4.24E+00	4.28E+00	4.25E+00	5.32E-02	1.57E-03
			000	1.72	4.63E+00	4.83E+00	4.69E+00	6.73E-02	9.92E-04
			270	1.70	3.51E+00	3.53E+00	3.50E+00	3.50E-02	3.66E-04
		KYR	VERT	1.72	2.15E+01	1.87E+01	1.72E+01	1.78E-01	3.80E-03
			270	1.50	4.49E+01	4.50E+01	4.34E+01	5.39E-01	1.97E-02
			000	1.00	4.89E+01	4.92E+01	4.87E+01	8.17E-01	2.25E-02
10/19/79	18:51:28	AFB	VERT	1.40	4.27E+00	4.32E+00	4.31E+00	7.05E-02	1.98E-03
			000	0.38	8.48E+00	8.43E+00	8.12E+00	2.63E-01	1.59E-02
			270	0.76	1.36E+01	1.41E+01	1.36E+01	3.40E-01	9.16E-03
		CFG	VERT	2.50	1.04E+01	9.35E+00	9.11E+00	1.26E-01	1.82E-03
			000	1.50	8.67E+00	9.04E+00	8.10E+00	1.83E-01	4.71E-03
			090	1.20	7.59E+00	7.76E+00	7.03E+00	1.06E-01	2.55E-03
		CRK	VERT	0.80	4.44E+00	4.51E+00	4.47E+00	6.08E-02	1.71E-03
		FBR	VERT	0.84	4.93E+01	4.38E+01	4.39E+01	3.45E-01	5.97E-03
			000	0.85	2.19E+01	2.27E+01	2.21E+01	3.32E-01	9.07E-03
			270	0.85	2.55E+01	2.60E+01	2.52E+01	3.33E-01	7.65E-03
		GRS	VERT	0.77	7.33E+00	7.20E+00	7.02E+00	9.17E-02	2.94E-03
			000	1.90	8.03E+00	8.40E+00	8.02E+00	1.14E-01	1.53E-03
			270	1.80	5.86E+00	5.11E+00	5.13E+00	4.79E-02	4.96E-04
		KYR	VERT	1.90	4.35E+01	2.90E+01	2.77E+01	4.96E-01	9.67E-03
			270	0.75	1.68E+02	1.62E+02	1.59E+02	1.73E+00	6.29E-02
			000	0.75	1.50E+02	1.48E+02	1.41E+02	2.27E+00	6.26E-02
		SLD	VERT	1.20	2.50E+00	2.63E+00	2.49E+00	4.12E-02	1.29E-03
			000	1.20	2.21E+00	2.15E+00	2.15E+00	3.96E-02	1.82E-03
			270	1.20	2.97E+00	2.68E+00	2.65E+00	4.59E-02	2.27E-03
10/19/79	19:42:38	GRS	VERT	1.10	1.87E+00	9.16E-01	6.92E-01	1.55E-02	1.01E-03
			000	1.10	9.78E-01	9.27E-01	8.86E-01	1.22E-02	2.38E-04
			270	2.10	1.77E+00	5.94E-01	5.37E-01	5.10E-03	7.36E-05
10/19/79	21:25:03	CRK	VERT	2.50	1.62E+00	1.69E+00	1.74E+00	2.63E-02	3.82E-04
10/19/79	22:00:04	SLD	VERT	1.60	4.22E+00	3.50E+00	3.09E+00	4.91E-02	1.31E-03
			000	0.70	1.49E+01	1.53E+01	1.49E+01	2.59E-01	1.10E-02
			270	0.70	1.23E+01	1.27E+01	1.22E+01	1.91E-01	5.89E-03
10/19/79	23:09:54	AFB	VERT	0.98	3.70E+00	3.72E+00	3.65E+00	6.85E-02	1.44E-03
			000	0.59	1.05E+01	1.07E+01	1.04E+01	2.01E-01	8.49E-03
			270	0.85	1.12E+01	1.12E+01	1.11E+01	2.35E-01	5.84E-03
		FBR	VERT	1.27	4.79E+00	3.75E+00	3.44E+00	3.17E-02	4.65E-04
			000	0.79	3.69E+00	3.63E+00	3.48E+00	5.76E-02	3.46E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
10/19/79	23:45:20	GRS	270	0.68	4.39E+00	3.87E+00	3.92E+00	8.67E-02	3.82E-03	
			VERT	0.90	2.93E+00	2.79E+00	3.04E+00	4.32E-02	1.00E-03	
			000	1.80	5.20E+00	5.18E+00	5.16E+00	5.43E-02	7.50E-04	
		CRK	270	1.90	6.03E+00	5.78E+00	5.89E+00	4.88E-02	4.10E-04	
			SLD	VERT	1.10	1.84E+00	1.91E+00	1.78E+00	2.79E-02	4.65E-04
			000	1.10	1.49E+00	1.50E+00	1.43E+00	2.90E-02	1.18E-03	
10/20/79	00:14:27	AFB	270	1.10	2.52E+00	2.46E+00	2.47E+00	5.26E-02	2.12E-03	
			VERT	0.67	4.11E+00	3.94E+00	3.97E+00	6.90E-02	1.55E-03	
			000	0.86	3.40E+00	3.39E+00	3.40E+00	9.77E-02	6.56E-03	
		CRK	270	0.60	4.13E+00	4.03E+00	3.91E+00	1.30E-01	5.53E-03	
			VERT	1.00	3.06E+00	2.07E+00	2.26E+00	2.11E-02	1.06E-03	
			FBR	VERT	0.75	3.09E+00	2.83E+00	2.85E+00	3.09E-02	6.43E-04
		GRS	000	0.57	3.83E+00	3.86E+00	3.79E+00	8.62E-02	3.48E-03	
			270	0.48	4.70E+00	4.81E+00	4.74E+00	1.53E-01	7.91E-03	
			VERT	0.95	4.16E+00	4.16E+00	4.13E+00	8.26E-02	2.68E-03	
			000	1.05	1.70E+00	1.70E+00	1.65E+00	3.07E-02	5.44E-04	
			270	1.80	1.17E+00	1.15E+00	1.14E+00	1.12E-02	1.26E-04	
			KYR	VERT	1.50	6.52E+01	4.90E+01	4.43E+01	3.26E-01	4.68E-03
SLD	270	0.75	3.93E+01	3.74E+01	3.80E+01	8.05E-01	5.88E-02			
	000	0.90	2.74E+01	2.43E+01	2.50E+01	6.29E-01	2.26E-02			
	VERT	1.22	2.48E+00	2.43E+00	2.43E+00	3.74E-02	9.11E-04			
	000	0.90	5.91E+00	5.97E+00	5.84E+00	9.52E-02	4.38E-03			
	270	0.67	7.34E+00	7.27E+00	7.15E+00	9.91E-02	5.23E-03			
	AFB	VERT	1.72	3.56E+00	3.27E+00	3.14E+00	4.92E-02	1.06E-03		
10/20/79	03:14:53	AFB	000	0.65	1.44E+01	1.48E+01	1.41E+01	1.92E-01	6.98E-03	
			270	0.82	1.15E+01	1.16E+01	1.14E+01	2.34E-01	5.91E-03	
			FBR	VERT	1.32	3.92E+00	2.92E+00	3.38E+00	2.82E-02	6.35E-04
		GRS	000	0.72	7.42E+00	7.01E+00	6.82E+00	1.11E-01	3.71E-03	
			270	0.75	5.89E+00	6.11E+00	5.82E+00	1.11E-01	3.90E-03	
			VERT	0.85	1.94E+00	1.85E+00	1.75E+00	3.32E-02	1.01E-03	
		KYR	000	1.80	3.60E+00	3.59E+00	3.59E+00	3.93E-02	5.99E-04	
			270	2.40	3.20E+00	3.15E+00	3.18E+00	2.67E-02	2.60E-04	
			VERT	1.75	5.42E+01	4.09E+01	3.57E+01	3.42E-01	5.88E-03	
		SLD	270	1.52	2.44E+01	2.40E+01	2.41E+01	3.38E-01	1.20E-02	
			000	1.30	2.54E+01	2.65E+01	2.54E+01	5.41E-01	2.06E-02	
			VERT	1.40	1.49E+00	1.36E+00	1.37E+00	1.73E-02	4.14E-04	
000	0.96		4.31E+00	4.17E+00	4.18E+00	7.85E-02	1.44E-03			
270	1.07		3.77E+00	3.62E+00	3.65E+00	5.45E-02	1.98E-03			
AFB	VERT		0.67	1.54E+01	1.61E+01	1.64E+01	2.18E-01	5.94E-03		
10/20/79	05:04:07	AFB	000	0.38	1.51E+01	1.52E+01	1.51E+01	3.57E-01	1.51E-02	
			270	1.07	1.22E+01	1.20E+01	1.22E+01	3.08E-01	1.04E-02	
			CFG	VERT	3.50	2.73E+01	2.55E+01	2.33E+01	2.55E-01	2.89E-03
		CFG	000	1.90	1.15E+01	1.14E+01	1.11E+01	1.98E-01	5.89E-03	
			090	1.90	1.58E+01	1.59E+01	1.56E+01	3.06E-01	7.57E-03	
			VERT	0.67	2.37E+01	2.15E+01	2.16E+01	1.79E-01	4.22E-03	

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
		FBR	VERT	0.75	6.78E+00	4.91E+00	4.55E+00	4.52E-02	1.16E-03
		000		0.60	1.74E+01	1.80E+01	1.72E+01	3.50E-01	1.10E-02
		270		0.35	1.73E+01	1.83E+01	1.76E+01	4.13E-01	1.40E-02
		GRS	VERT	0.67	4.83E+00	4.64E+00	4.74E+00	7.87E-02	2.56E-03
		000		4.00	3.20E+01	3.17E+01	3.08E+01	6.12E-01	1.20E-02
		270		1.32	1.60E+01	1.58E+01	1.58E+01	1.43E-01	1.63E-03
		KYR	VERT	1.82	1.87E+01	1.64E+01	1.61E+01	1.54E-01	3.08E-03
		270		1.20	3.42E+01	3.20E+01	3.39E+01	4.70E-01	1.15E-02
		000		1.67	4.11E+01	3.93E+01	3.97E+01	5.85E-01	1.10E-02
		RVR	VERT	2.10	9.30E+00	8.95E+00	8.94E+00	1.37E-01	2.76E-03
		270		1.10	2.60E+01	2.64E+01	2.65E+01	6.00E-01	1.57E-02
		SLD	VERT	0.83	3.16E+00	3.28E+00	3.36E+00	6.09E-02	2.28E-03
		000		0.80	6.14E+00	5.99E+00	5.95E+00	1.56E-01	7.18E-03
		270		0.66	1.22E+01	1.24E+01	1.23E+01	2.66E-01	1.33E-02
10/20/79	05:56:21	SLD	VERT	1.17	2.44E+00	1.92E+00	1.88E+00	2.70E-02	6.69E-04
		000		1.17	3.48E+00	3.62E+00	3.68E+00	5.04E-02	1.32E-03
		270		0.85	6.42E+00	6.62E+00	6.43E+00	1.19E-01	2.42E-03
10/20/79	11:35:32	GRS	VERT	0.85	1.84E+00	1.85E+00	1.77E+00	3.25E-02	8.04E-04
		000		1.60	4.16E+00	4.36E+00	4.19E+00	5.05E-02	6.70E-04
		270		2.20	2.32E+00	2.23E+00	2.31E+00	1.99E-02	2.06E-04
10/20/79	13:36:28	FBR	VERT	0.90	1.54E+00	1.42E+00	1.36E+00	1.34E-02	3.34E-04
		000		1.10	7.34E-01	6.08E-01	5.57E-01	9.41E-03	1.93E-04
		270		1.10	4.99E-01	4.58E-01	4.42E-01	5.67E-03	1.88E-04
		GRS	VERT	2.10	2.08E+00	9.49E-01	6.88E-01	1.45E-02	4.60E-04
		000		1.60	1.64E+00	6.46E-01	6.23E-01	8.28E-03	1.12E-04
		270		4.70	7.33E-01	5.86E-01	6.01E-01	4.63E-03	3.96E-05
		SLD	VERT	0.70	4.26E+00	3.40E+00	3.26E+00	4.88E-02	1.12E-03
		000		0.57	1.27E+01	1.32E+01	1.30E+01	2.31E-01	1.00E-02
		270		0.66	8.83E+00	8.67E+00	8.73E+00	1.56E-01	5.38E-03
10/20/79	14:52:55	AFB	VERT	0.75	5.21E+00	5.44E+00	5.23E+00	1.10E-01	3.74E-03
		000		0.66	3.18E+00	3.14E+00	3.05E+00	8.46E-02	3.56E-03
		270		0.65	4.22E+00	4.24E+00	4.17E+00	1.07E-01	6.25E-03
		CFG	VERT	2.80	1.96E+01	1.90E+01	2.00E+01	1.89E-01	2.49E-03
		000		0.70	3.07E+01	3.10E+01	3.06E+01	6.57E-01	2.42E-02
		090		0.80	2.35E+01	2.37E+01	2.30E+01	4.48E-01	1.25E-02
		CRK	VERT	0.68	7.22E+00	5.92E+00	6.03E+00	9.35E-02	2.37E-03
		FBR	VERT	0.82	1.05E+01	9.69E+00	1.06E+01	1.00E-01	2.06E-03
		000		0.65	2.74E+01	2.80E+01	2.68E+01	5.45E-01	2.56E-02
		270		0.65	2.00E+01	2.08E+01	2.02E+01	3.98E-01	2.11E-02
		GRS	VERT	0.80	7.80E+00	7.88E+00	7.65E+00	1.32E-01	3.52E-03
		000		2.40	1.04E+01	1.07E+01	1.02E+01	1.33E-01	2.06E-03
		270		2.10	3.61E+00	3.66E+00	3.71E+00	3.54E-02	4.74E-04
		JMS	VERT	2.30	3.01E+01	2.36E+01	2.05E+01	2.64E-01	3.93E-03
		270		0.60	2.20E+01	2.29E+01	2.21E+01	5.57E-01	2.52E-02
		000		0.90	1.86E+01	1.90E+01	1.85E+01	3.87E-01	1.32E-02
		RVR	VERT	2.90	6.59E+00	5.79E+00	6.64E+00	4.82E-02	6.17E-04

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)		
10/20/79	14:56:12	SLD	270	1.20	4.94E+00	3.78E+00	3.76E+00	9.74E-02	2.78E-03		
			VERT	1.30	1.39E+00	6.24E-01	5.46E-01	1.61E-02	6.53E-04		
			000	1.05	1.35E+00	1.21E+00	1.24E+00	3.92E-02	1.92E-03		
		FBR	270	0.76	2.33E+00	2.28E+00	2.24E+00	7.04E-02	2.55E-03		
			VERT	1.10	9.77E-01	9.28E-01	9.11E-01	1.14E-02	1.88E-04		
			000	1.10	1.95E+00	2.06E+00	1.97E+00	3.23E-02	7.35E-04		
		10/20/79	15:33:49	SLD	270	0.80	2.38E+00	2.34E+00	2.29E+00	4.01E-02	1.15E-03
					VERT	1.90	1.34E+00	1.04E+00	1.00E+00	1.87E-02	3.34E-04
					000	0.96	4.04E+00	4.13E+00	4.06E+00	6.73E-02	2.61E-03
10/20/79	16:57:44	FBR	270	1.07	3.00E+00	3.16E+00	3.03E+00	4.50E-02	9.49E-04		
			VERT	1.10	2.69E+00	2.20E+00	2.40E+00	2.25E-02	3.55E-04		
			000	0.57	6.80E+00	6.50E+00	6.48E+00	7.80E-02	1.50E-03		
10/20/79	19:14:23	FBR	270	1.70	4.54E+00	4.54E+00	4.55E+00	5.11E-02	7.77E-04		
			VERT	1.20	2.33E+00	1.93E+00	1.95E+00	1.76E-02	2.66E-04		
			000	1.70	1.79E+00	1.72E+00	1.66E+00	2.07E-02	2.60E-04		
10/20/79	19:53:26	CRK	270	0.80	2.42E+00	2.28E+00	2.22E+00	2.86E-02	6.55E-04		
			VERT	0.85	1.45E+00	1.40E+00	1.40E+00	2.13E-02	4.49E-04		
			10/20/79	20:52:24	AFB	270	1.40	1.47E+00	1.41E+00	1.39E+00	3.89E-02
000	0.93	2.26E+00				2.31E+00	2.27E+00	4.50E-02	1.06E-03		
270	1.02	2.31E+00				2.47E+00	2.41E+00	3.09E-02	7.24E-04		
10/20/79	22:32:46	GRS	270	0.93	1.44E+00	1.20E+00	1.18E+00	3.02E-02	1.14E-03		
			VERT	0.93	1.44E+00	1.20E+00	1.18E+00	3.02E-02	1.14E-03		
			000	1.90	1.03E+00	1.06E+00	1.01E+00	1.27E-02	1.70E-04		
		SLD	270	1.15	6.04E-01	5.15E-01	4.90E-01	4.35E-03	7.06E-05		
			VERT	1.30	1.96E+00	2.01E+00	1.93E+00	2.98E-02	9.76E-04		
			000	0.86	3.71E+00	3.73E+00	3.71E+00	6.75E-02	2.57E-03		
		FBR	270	1.15	8.02E+00	8.22E+00	7.99E+00	1.57E-01	5.03E-03		
			VERT	1.30	1.41E+01	8.19E+00	8.06E+00	7.13E-02	1.19E-03		
			000	0.61	6.61E+00	6.53E+00	6.36E+00	1.01E-01	3.44E-03		
GRS	270	1.70	5.12E+00	5.23E+00	5.16E+00	5.88E-02	1.22E-03				
	VERT	1.05	1.44E+00	1.47E+00	1.41E+00	2.16E-02	6.89E-04				
	000	2.20	2.21E+00	2.22E+00	2.22E+00	2.91E-02	4.08E-04				
KYR	270	2.20	2.11E+00	1.96E+00	2.00E+00	1.57E-02	1.44E-04				
	VERT	1.30	3.04E+01	1.57E+01	1.47E+01	1.22E-01	2.07E-03				
	270	0.90	4.33E+01	4.31E+01	4.31E+01	6.23E-01	1.49E-02				
10/21/79	04:59:50	AFB	000	0.90	4.20E+01	4.02E+01	4.19E+01	6.22E-01	1.40E-02		
			VERT	0.73	5.48E-01	4.66E-01	4.59E-01	1.35E-02	4.63E-04		
			000	0.91	2.32E+00	1.14E+00	1.10E+00	2.94E-02	7.98E-04		
SLD	270	0.90	1.31E+00	1.27E+00	1.23E+00	3.23E-02	1.15E-03				
	VERT	1.15	1.17E+00	8.00E-01	7.51E-01	2.52E-02	7.36E-04				
	000	0.63	5.64E-01	4.43E-01	4.54E-01	9.28E-03	4.99E-04				
10/21/79	18:17:59	AFB	270	0.74	6.98E-01	4.95E-01	4.72E-01	9.53E-03	3.69E-04		
			VERT	0.90	5.07E+00	5.12E+00	5.10E+00	1.36E-01	5.97E-03		
			000	0.60	3.41E+00	3.44E+00	3.39E+00	1.49E-01	1.65E-02		
CRK	270	0.68	4.95E+00	4.90E+00	4.90E+00	3.46E-01	3.33E-02				
	VERT	0.72	2.84E+01	2.73E+01	2.83E+01	5.06E-01	8.88E-03				
	000	0.70	1.43E+02	8.85E+01	8.00E+01	1.61E+00	6.58E-02				

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
			270	0.66	1.42E+02	4.43E+01	4.33E+01	1.08E+00	3.59E-02
		FBR	VERT	0.38	4.41E+01	3.79E+01	4.14E+01	3.55E-01	7.40E-03
			000	0.33	3.43E+01	3.40E+01	3.40E+01	4.34E-01	1.30E-02
			270	0.19	2.55E+01	2.62E+01	2.57E+01	4.78E-01	3.71E-02
		GRS	VERT	1.57	3.57E+00	3.70E+00	3.63E+00	8.82E-02	2.98E-03
			000	1.65	6.02E+00	6.01E+00	5.93E+00	7.89E-02	1.33E-03
			270	1.57	2.93E+00	2.82E+00	2.92E+00	2.43E-02	2.50E-04
		HRS	VERT	0.69	1.20E+02	1.09E+02	1.08E+02	1.29E+00	2.86E-02
			270	0.41	1.85E+02	1.88E+02	1.83E+02	3.74E+00	2.67E-01
			000	0.41	1.58E+02	1.61E+02	1.53E+02	3.42E+00	1.53E-01
		JMS	VERT	2.10	1.32E+01	1.12E+01	9.06E+00	1.85E-01	4.25E-03
			270	0.42	9.50E+00	9.39E+00	9.31E+00	3.98E-01	3.48E-02
			000	0.85	6.56E+00	6.80E+00	6.48E+00	2.38E-01	1.51E-02
		KYR	VERT	0.85	5.04E+01	4.23E+01	4.71E+01	6.80E-01	2.30E-02
			270	0.50	1.01E+02	1.00E+02	1.01E+02	2.26E+00	1.13E-01
			000	0.50	9.20E+01	9.03E+01	9.29E+01	1.81E+00	7.90E-02
		SLD	VERT	0.76	3.43E+00	3.33E+00	3.26E+00	8.08E-02	2.22E-03
			000	0.48	3.76E+00	3.76E+00	3.71E+00	1.32E-01	1.32E-02
			270	0.34	4.05E+00	4.10E+00	3.97E+00	1.78E-01	1.19E-02
10/21/79	19:04:12	CRK	VERT	1.40	3.76E+00	3.47E+00	3.39E+00	4.74E-02	8.22E-04
			000	0.90	5.24E+00	5.12E+00	5.01E+00	6.67E-02	1.83E-03
			270	0.90	5.59E+00	5.41E+00	5.27E+00	1.32E-01	4.07E-03
		GRS	VERT	1.20	2.46E+00	1.99E+00	1.96E+00	3.47E-02	7.88E-04
			000	2.30	8.39E+00	8.67E+00	8.37E+00	1.04E-01	1.46E-03
			270	2.30	3.78E+00	3.93E+00	3.88E+00	4.09E-02	4.34E-04
10/21/79	21:14:28	AFB	VERT	1.70	1.75E+00	1.56E+00	1.59E+00	2.73E-02	5.15E-04
			000	0.90	3.29E+00	3.34E+00	3.26E+00	5.08E-02	1.09E-03
			270	1.20	4.06E+00	4.01E+00	3.89E+00	7.85E-02	1.61E-03
		CRK	VERT	1.70	1.95E+00	1.71E+00	1.81E+00	3.36E-02	8.28E-04
			000	0.57	7.28E+00	7.47E+00	7.35E+00	1.18E-01	4.12E-03
			270	1.15	3.37E+00	3.52E+00	3.34E+00	6.72E-02	1.95E-03
		FBR	VERT	0.98	6.85E+00	5.52E+00	4.54E+00	4.10E-02	6.33E-04
			000	0.75	6.09E+00	6.23E+00	5.94E+00	8.93E-02	2.53E-03
			270	0.82	3.95E+00	3.86E+00	3.72E+00	5.36E-02	1.19E-03
		HRS	VERT	1.70	7.87E+00	6.19E+00	5.45E+00	5.21E-02	6.17E-04
			270	1.10	1.07E+01	8.72E+00	8.25E+00	1.52E-01	4.37E-03
			000	1.10	1.09E+01	1.03E+01	1.01E+01	1.85E-01	4.26E-03
10/22/79	00:43:05	GRS	VERT	1.40	1.63E+00	1.67E+00	1.64E+00	2.25E-02	4.19E-04
			000	2.80	1.16E+00	9.55E-01	9.34E-01	1.06E-02	1.77E-04
			270	3.60	9.71E-01	6.17E-01	6.37E-01	5.04E-03	5.02E-05
10/22/79	10:40:43	CRK	VERT	1.62	1.26E+00	1.06E+00	9.80E-01	2.51E-02	6.24E-04
			000	0.77	1.99E+00	2.00E+00	2.00E+00	6.39E-02	1.85E-03
			270	0.60	3.15E+00	3.13E+00	3.11E+00	8.10E-02	3.17E-03
		GRS	VERT	1.05	1.74E+00	1.68E+00	1.59E+00	2.81E-02	7.33E-04
			000	1.95	2.59E+00	2.32E+00	2.31E+00	2.05E-02	2.48E-04
			270	2.90	1.15E+00	1.03E+00	1.07E+00	9.86E-03	1.10E-04

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel (cm/sec ²)	SMA-1 Accel (cm/sec ²)	Cor. Accel (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
10/22/79	13:26:48	SLD	VERT	1.05	1.44E+00	1.01E+00	1.06E+00	1.63E-02	5.19E-04
			000	0.95	3.68E+00	3.82E+00	3.71E+00	7.95E-02	3.05E-03
			270	0.90	3.77E+00	3.78E+00	3.79E+00	7.43E-02	1.82E-03
10/22/79	22:04:40	AFB	VERT	1.72	1.42E+00	1.16E+00	1.21E+00	2.33E-02	5.79E-04
			000	1.80	7.53E-01	7.11E-01	6.96E-01	1.00E-02	3.22E-04
			270	1.80	7.91E-01	7.38E-01	7.25E-01	1.38E-02	4.71E-04
		CRK	VERT	1.10	9.41E+00	8.44E+00	7.75E+00	7.12E-02	1.55E-03
			000	0.50	1.98E+01	1.96E+01	1.95E+01	3.11E-01	8.92E-03
			270	0.80	8.28E+00	8.05E+00	8.14E+00	1.22E-01	3.70E-03
		FBR	VERT	1.47	4.87E+00	4.08E+00	3.99E+00	3.54E-02	4.75E-04
			000	1.10	9.61E+00	1.01E+01	9.57E+00	1.33E-01	2.03E-03
			270	1.10	6.51E+00	6.86E+00	6.62E+00	9.28E-02	1.54E-03
		HRS	VERT	2.90	4.32E+01	3.05E+01	3.34E+01	3.46E-01	4.28E-03
			270	2.10	1.94E+01	1.92E+01	1.80E+01	3.67E-01	1.05E-02
			000	2.10	2.37E+01	2.35E+01	2.26E+01	4.23E-01	1.02E-02
		JMS	VERT	5.20	4.94E+00	4.22E+00	3.35E+00	3.09E-02	3.84E-04
			270	0.90	2.67E+00	2.65E+00	2.52E+00	3.27E-02	4.98E-04
			000	1.10	1.26E+00	1.21E+00	1.10E+00	1.59E-02	2.60E-04
		KYR	VERT	1.67	2.51E+01	2.19E+01	2.02E+01	2.79E-01	4.51E-03
			270	1.37	3.70E+01	3.77E+01	3.64E+01	5.30E-01	9.68E-03
			000	1.37	2.28E+01	2.35E+01	2.21E+01	3.23E-01	6.96E-03
		SLD	VERT	0.80	2.26E+00	2.35E+00	2.29E+00	2.72E-02	4.38E-04
			000	1.10	1.23E+00	1.24E+00	1.23E+00	1.64E-02	4.13E-04
			270	0.75	2.09E+00	2.12E+00	2.03E+00	2.44E-02	5.94E-04
10/23/79	01:13:13	AFB	VERT	0.98	6.54E+00	6.23E+00	6.17E+00	9.97E-02	4.12E-03
			000	0.73	4.84E+00	4.45E+00	4.32E+00	6.36E-02	2.65E-03
			270	0.58	3.25E+00	3.25E+00	3.22E+00	6.61E-02	3.34E-03
		CFG	VERT	1.80	5.94E+00	5.55E+00	5.26E+00	7.11E-02	1.36E-03
			000	0.90	2.15E+00	2.11E+00	2.02E+00	4.85E-02	1.47E-03
			090	0.70	1.87E+00	1.67E+00	1.87E+00	4.02E-02	1.77E-03
		CRK	VERT	0.89	1.28E+01	1.13E+01	1.18E+01	1.42E-01	3.29E-03
			000	0.67	2.16E+01	2.20E+01	2.15E+01	5.76E-01	2.93E-02
			270	0.64	9.70E+00	1.00E+01	9.83E+00	2.23E-01	6.52E-03
		FBR	VERT	0.57	1.57E+01	1.28E+01	1.35E+01	1.13E-01	1.65E-03
			000	0.29	2.96E+01	3.11E+01	3.03E+01	6.16E-01	2.04E-02
			270	0.60	1.53E+01	1.49E+01	1.52E+01	2.01E-01	9.47E-03
		GRS	VERT	1.30	3.61E+00	3.52E+00	3.56E+00	5.25E-02	1.60E-03
			000	1.80	1.48E+01	1.50E+01	1.46E+01	1.78E-01	2.82E-03
			270	1.80	7.04E+00	6.61E+00	6.74E+00	6.20E-02	6.39E-04
		HRS	VERT	0.95	2.93E+01	2.70E+01	2.63E+01	2.34E-01	3.95E-03
			270	0.55	3.06E+01	2.97E+01	2.89E+01	5.25E-01	1.96E-02
			000	0.30	2.33E+01	2.28E+01	2.36E+01	5.81E-01	3.17E-02
		JMS	VERT	2.80	9.09E+00	7.76E+00	7.66E+00	9.75E-02	2.30E-03
			270	0.28	1.91E+01	1.92E+01	1.91E+01	5.79E-01	2.28E-02
			000	0.75	1.13E+01	1.15E+01	1.14E+01	4.01E-01	1.75E-02
KYR	VERT	1.00	2.56E+01	1.54E+01	1.18E+01	2.05E-01	4.43E-03		

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
				270	0.77	4.45E+01	4.56E+01	4.34E+01	2.89E-02
				000	0.77	5.79E+01	5.89E+01	5.69E+01	3.34E-02
		SLD	VERT	0.71	6.88E+00	7.15E+00	6.85E+00	8.92E-02	2.93E-03
				000	0.70	1.09E+01	1.10E+01	1.09E+01	1.29E-02
				270	0.70	1.04E+01	1.05E+01	1.03E+01	1.28E-02
10/23/79	01:41:56	AFB	VERT	0.80	4.25E+00	3.56E+00	3.17E+00	9.09E-02	2.13E-03
				000	0.80	2.11E+00	2.09E+00	2.00E+00	1.21E-03
				270	0.80	2.61E+00	2.75E+00	2.73E+00	1.35E-03
		CRK	VERT	1.00	4.60E+00	4.10E+00	4.30E+00	4.21E-02	1.05E-03
				000	0.70	7.07E+00	7.16E+00	7.06E+00	6.97E-03
				270	0.70	3.16E+00	3.16E+00	3.09E+00	1.87E-03
		FBR	VERT	0.57	1.10E+01	9.25E+00	8.83E+00	6.86E-02	1.21E-03
				000	0.47	2.72E+01	2.84E+01	2.75E+01	1.34E-02
				270	0.39	1.25E+01	1.20E+01	1.18E+01	4.27E-03
		GRS	VERT	1.10	2.41E+00	2.34E+00	2.51E+00	4.52E-02	1.15E-03
				000	2.00	1.07E+01	1.09E+01	1.07E+01	2.14E-03
				270	2.00	3.00E+00	2.70E+00	2.83E+00	3.97E-04
		HRS	VERT	0.95	1.49E+01	8.79E+00	7.18E+00	6.80E-02	9.28E-04
				270	0.38	2.39E+01	2.26E+01	2.30E+01	6.31E-03
				000	0.38	1.34E+01	1.24E+01	1.33E+01	1.56E-02
		KYR	VERT	1.15	1.28E+01	9.18E+00	9.02E+00	1.11E-01	1.63E-03
				270	0.90	2.46E+01	2.40E+01	2.41E+01	6.43E-03
				000	0.88	3.48E+01	3.35E+01	3.33E+01	1.21E-02
		SLD	VERT	0.79	4.24E+00	4.28E+00	4.20E+00	5.80E-02	1.04E-03
				000	1.10	3.34E+00	3.53E+00	3.41E+00	3.54E-03
				270	0.99	5.22E+00	5.41E+00	5.21E+00	4.19E-03
10/23/79	05:16:49	SLD	VERT	0.85	1.87E+00	1.76E+00	1.75E+00	3.04E-02	9.50E-04
				000	0.85	5.59E+00	5.61E+00	5.48E+00	4.41E-03
				270	1.00	6.59E+00	6.67E+00	6.84E+00	2.87E-03
10/23/79	05:19:59	SLD	VERT	1.47	3.58E+00	3.59E+00	3.56E+00	5.12E-02	1.69E-03
				000	0.93	1.74E+01	1.77E+01	1.73E+01	7.64E-03
				270	0.58	1.74E+01	1.73E+01	1.74E+01	7.51E-03
10/23/79	11:06:57	SLD	VERT	1.00	1.48E+00	1.05E+00	1.07E+00	1.82E-02	8.70E-04
				000	0.70	4.05E+00	4.18E+00	3.96E+00	4.77E-03
				270	2.00	5.14E+00	4.76E+00	4.75E+00	2.13E-03
10/23/79	12:52:27	GRS	VERT	1.20	1.66E+00	1.62E+00	1.61E+00	2.00E-02	4.71E-04
				000	1.80	9.78E-01	9.11E-01	9.29E-01	1.54E-04
				270	1.80	8.90E-01	7.28E-01	7.39E-01	5.13E-05
10/24/79	02:00:30	SLD	VERT	1.47	1.24E+00	1.17E+00	1.20E+00	2.82E-02	7.45E-04
				000	1.45	3.61E+00	3.69E+00	3.66E+00	1.84E-03
				270	0.96	4.33E+00	4.34E+00	4.21E+00	3.03E-03
10/24/79	03:05:19	GRS	VERT	1.30	2.03E+00	1.87E+00	1.93E+00	2.19E-02	2.83E-04
				000	2.10	2.27E+00	2.38E+00	2.37E+00	3.84E-04
				270	3.50	1.27E+00	8.46E-01	7.80E-01	8.01E-05
		JMS	VERT	5.20	5.77E+00	3.93E+00	3.08E+00	2.25E-02	1.67E-04
				270	5.20	2.12E+00	2.04E+00	1.99E+00	4.02E-04

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
10/24/79	06:44:31	GRS	000	1.80	1.99E+00	2.09E+00	1.68E+00	2.82E-02	4.42E-04
			VERT	0.80	2.61E+00	1.17E+00	6.03E-01	1.61E-02	5.57E-04
			000	2.20	1.86E+00	1.24E+00	1.19E+00	1.46E-02	2.37E-04
10/26/79	07:54:22	BCS	270	2.10	2.18E+00	8.20E-01	5.73E-01	5.80E-03	8.50E-05
			VERT	1.17	1.01E+00	1.03E+00	9.81E-01	1.00E-02	1.22E-04
			090	0.96	5.54E-01	5.40E-01	5.16E-01	9.15E-03	3.97E-04
10/26/79	09:11:16	BCS	VERT	1.02	1.19E+00	1.25E+00	1.21E+00	1.59E-02	3.06E-04
			090	1.12	1.94E+00	1.88E+00	1.88E+00	3.97E-02	1.09E-03
10/26/79	19:33:36	HUS	VERT	2.40	1.41E+00	1.30E+00	1.24E+00	1.85E-02	2.56E-04
			000	3.20	1.58E+00	1.39E+00	1.36E+00	1.70E-02	2.14E-04
			270	4.10	1.03E+00	9.97E-01	9.98E-01	1.19E-02	1.48E-04
10/27/79	05:02:19	AFB	VERT	1.80	2.45E+00	2.54E+00	2.36E+00	3.30E-02	8.79E-04
			000	0.82	3.27E+00	3.36E+00	3.35E+00	4.47E-02	1.81E-03
			270	0.89	4.56E+00	4.54E+00	4.51E+00	7.92E-02	1.74E-03
		FBR	VERT	0.69	4.24E+01	3.02E+01	2.75E+01	1.79E-01	1.63E-03
		000	0.86	4.44E+00	4.45E+00	4.30E+00	5.18E-02	1.02E-03	
10/27/79	07:44:48	BCS	270	0.78	8.23E+00	6.18E+00	5.63E+00	8.15E-02	2.67E-03
			VERT	1.25	2.14E+00	2.19E+00	2.21E+00	2.58E-02	5.71E-04
			090	1.20	1.66E+00	1.56E+00	1.54E+00	3.29E-02	9.62E-04
10/27/79	18:22:20	SLD	VERT	1.20	2.79E+00	2.57E+00	2.59E+00	2.74E-02	5.47E-04
			000	0.90	5.62E+00	5.64E+00	5.59E+00	7.08E-02	1.95E-03
			270	0.80	6.97E+00	6.94E+00	7.11E+00	1.04E-01	1.80E-03
10/27/79	20:53:09	FBR	VERT	1.60	6.97E+00	5.19E+00	4.75E+00	3.18E-02	2.75E-04
			000	0.90	4.02E+00	4.17E+00	4.10E+00	5.00E-02	1.45E-03
			270	0.80	9.28E+00	9.14E+00	9.25E+00	1.13E-01	1.33E-03
10/27/79	21:12:06	SLD	VERT	1.02	2.59E+00	2.26E+00	2.28E+00	2.87E-02	8.46E-04
			000	1.02	6.93E+00	6.99E+00	6.91E+00	9.41E-02	3.62E-03
			270	1.02	5.70E+00	5.52E+00	5.41E+00	8.64E-02	2.47E-03
10/27/79	21:54:40	BCS	VERT	1.00	2.30E+00	2.06E+00	2.12E+00	1.94E-02	3.12E-04
			000	0.80	5.51E+00	5.54E+00	5.49E+00	1.23E-01	4.03E-03
			090	0.60	3.39E+00	3.42E+00	3.31E+00	1.01E-01	4.09E-03
10/28/79	20:29:53	FBR	VERT	0.93	2.92E+00	2.45E+00	2.45E+00	2.19E-02	2.55E-04
			000	0.60	9.01E+00	9.19E+00	8.98E+00	1.49E-01	3.62E-03
			270	1.17	8.88E+00	8.95E+00	8.72E+00	1.22E-01	1.76E-03
10/29/79	02:39:20	AFB	VERT	1.00	5.32E+00	5.33E+00	5.08E+00	7.46E-02	1.62E-03
			000	0.85	2.94E+00	2.98E+00	2.94E+00	4.18E-02	1.09E-03
			270	0.76	1.96E+00	1.86E+00	1.75E+00	3.62E-02	1.30E-03
		CRK	VERT	1.20	6.70E+00	6.01E+00	6.24E+00	4.89E-02	7.13E-04
			000	1.00	3.43E+00	3.14E+00	3.09E+00	4.94E-02	1.41E-03
			270	1.00	2.25E+00	2.32E+00	2.26E+00	4.23E-02	7.89E-04
		FBR	VERT	1.20	1.28E+01	9.91E+00	9.90E+00	6.82E-02	6.98E-04
			000	1.20	2.57E+00	2.58E+00	2.44E+00	4.84E-02	1.10E-03
			270	1.20	4.03E+00	3.93E+00	3.79E+00	4.58E-02	7.88E-04
		SLD	VERT	1.57	2.17E+00	2.13E+00	2.05E+00	2.83E-02	6.40E-04
			000	1.10	1.29E+00	1.33E+00	1.31E+00	2.22E-02	7.65E-04
			270	1.05	2.39E+00	2.48E+00	2.39E+00	3.71E-02	7.66E-04

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
10/29/79	03:39:48	AFB	VERT	1.17	1.26E+00	1.10E+00	1.02E+00	2.00E-02	5.35E-04
			000	1.60	1.19E+00	1.07E+00	1.05E+00	1.57E-02	3.11E-04
			270	1.12	1.11E+00	1.06E+00	1.08E+00	1.54E-02	4.53E-04
		FBR	VERT	2.00	1.03E+00	9.58E-01	9.79E-01	1.26E-02	1.55E-04
			000	1.00	2.18E+00	1.84E+00	1.87E+00	2.20E-02	5.70E-04
			270	1.30	5.08E+00	4.60E+00	4.67E+00	4.66E-02	4.88E-04
		HUS	VERT	0.99	1.88E+00	1.85E+00	1.61E+00	2.39E-02	3.72E-04
			000	0.66	4.02E+00	4.12E+00	3.98E+00	1.39E-01	4.26E-03
			270	1.02	2.70E+00	2.73E+00	2.68E+00	9.00E-02	2.69E-03
10/29/79	05:42:11	AFB	VERT	1.17	1.31E+00	1.00E+00	9.78E-01	3.08E-02	9.84E-04
			000	0.91	6.85E-01	5.01E-01	4.49E-01	1.20E-02	7.10E-04
			270	0.94	7.91E-01	5.56E-01	5.27E-01	1.65E-02	6.72E-04
10/29/79	15:55:22	SLD	VERT	1.05	6.75E+00	6.46E+00	6.35E+00	6.76E-02	1.36E-03
			000	0.56	1.96E+01	2.00E+01	1.98E+01	2.46E-01	7.58E-03
			270	0.57	1.02E+01	1.05E+01	1.01E+01	1.47E-01	3.11E-03
10/29/79	18:33:46	AFB	VERT	1.50	1.36E+00	1.18E+00	1.13E+00	2.01E-02	4.84E-04
			000	1.12	1.14E+00	1.06E+00	1.05E+00	2.06E-02	5.77E-04
			270	0.76	9.59E-01	8.19E-01	8.21E-01	1.64E-02	6.26E-04
		CRK	VERT	1.05	1.19E+00	1.04E+00	1.05E+00	1.44E-02	2.73E-04
			000	0.69	3.18E+00	3.21E+00	3.17E+00	5.80E-02	2.10E-03
			270	1.00	1.99E+00	1.74E+00	1.70E+00	3.80E-02	8.28E-04
		FBR	VERT	1.17	5.42E+00	4.73E+00	4.91E+00	4.14E-02	6.40E-04
			000	0.84	6.09E+00	6.33E+00	6.32E+00	6.84E-02	2.05E-03
			270	0.90	3.35E+00	3.33E+00	3.38E+00	3.54E-02	7.81E-04
		HUS	VERT	1.32	1.59E+00	1.42E+00	1.42E+00	1.83E-02	4.79E-04
			000	0.71	2.07E+00	2.11E+00	2.13E+00	5.60E-02	3.13E-03
			270	0.93	1.23E+00	1.25E+00	1.26E+00	3.65E-02	2.10E-03
		ROB	VERT	2.50	1.80E+00	1.69E+00	1.53E+00	1.64E-02	3.69E-04
			000	0.40	4.53E+00	4.52E+00	4.43E+00	6.84E-02	3.62E-03
			090	0.70	2.69E+00	2.81E+00	2.83E+00	4.60E-02	1.10E-03
10/30/79	21:01:48	BCS	VERT	1.80	1.10E+00	1.15E+00	1.22E+00	1.10E-02	2.07E-04
			000	1.00	9.77E-01	8.74E-01	8.64E-01	2.17E-02	9.34E-04
			090	0.80	7.21E-01	6.27E-01	6.13E-01	1.72E-02	7.35E-04
10/31/79	11:43:46	AFB	VERT	1.57	3.43E+00	3.57E+00	3.37E+00	7.20E-02	1.59E-03
			000	0.84	2.69E+00	2.62E+00	2.64E+00	5.47E-02	3.17E-03
			270	1.32	4.02E+00	4.08E+00	3.93E+00	6.97E-02	2.18E-03
		BCS	VERT	0.66	8.34E+00	8.68E+00	8.31E+00	8.88E-02	1.66E-03
			000	0.48	5.60E+00	5.50E+00	5.58E+00	1.67E-01	7.92E-03
			090	0.43	6.35E+00	6.32E+00	6.26E+00	1.94E-01	1.25E-02
		FBR	VERT	1.50	1.88E+00	1.72E+00	1.69E+00	2.18E-02	6.15E-04
			000	0.70	3.27E+00	3.31E+00	3.30E+00	5.37E-02	3.20E-03
			270	0.70	2.68E+00	2.82E+00	2.73E+00	6.06E-02	5.16E-03
		GPN	VERT	1.00	3.89E+00	3.85E+00	3.86E+00	4.57E-02	1.54E-03
			000	0.50	7.48E+00	7.69E+00	7.59E+00	1.40E-01	8.55E-03
			090	0.60	8.41E+00	8.58E+00	8.43E+00	2.66E-01	1.13E-02
		HUS	VERT	0.80	7.01E+00	6.82E+00	6.53E+00	1.23E-01	2.85E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
				000	0.45	2.51E+01	2.58E+01	2.50E+01	8.08E-01	4.10E-02
				270	0.45	2.37E+01	2.42E+01	2.37E+01	6.44E-01	2.58E-02
		IVC	VERT	000	0.94	6.18E+00	6.21E+00	6.25E+00	1.22E-01	3.59E-03
				000	0.92	1.31E+01	1.35E+01	1.31E+01	2.39E-01	6.63E-03
		ROB	VERT	000	0.70	6.73E+00	6.95E+00	6.72E+00	1.99E-01	1.35E-02
				090	0.70	1.09E+01	1.14E+01	1.09E+01	2.17E-01	1.03E-02
		SLD	VERT	000	1.60	2.35E+00	2.04E+00	1.95E+00	3.96E-02	1.00E-03
				000	0.87	6.53E+00	6.80E+00	6.47E+00	1.46E-01	4.18E-03
				270	0.66	8.80E+00	6.01E+00	5.45E+00	1.01E-01	8.34E-03
10/31/79	18:49:46	SLD	VERT	000	1.07	1.66E+00	1.64E+00	1.65E+00	2.83E-02	6.04E-04
				000	0.96	2.49E+00	2.51E+00	2.45E+00	3.62E-02	1.12E-03
				270	0.81	3.94E+00	3.87E+00	3.87E+00	4.76E-02	9.34E-04
11/01/79	09:29:33	AFB	VERT	000	1.57	8.45E+00	7.77E+00	7.80E+00	1.10E-01	2.21E-03
				000	0.39	3.52E+00	3.19E+00	2.95E+00	9.19E-02	8.76E-03
				270	0.89	2.72E+00	2.61E+00	2.84E+00	6.00E-02	2.57E-03
		SLD	VERT	000	1.25	7.53E+00	7.56E+00	7.66E+00	1.20E-01	3.93E-03
				000	0.76	2.53E+01	2.62E+01	2.52E+01	5.67E-01	2.55E-02
				270	0.59	1.54E+01	1.62E+01	1.54E+01	4.35E-01	1.27E-02
11/01/79	09:48:27	AFB	VERT	000	1.00	3.31E+00	3.24E+00	3.25E+00	4.70E-02	1.09E-03
				000	2.00	1.14E+00	7.78E-01	7.71E-01	1.01E-02	2.89E-04
				270	0.95	1.29E+00	9.82E-01	9.21E-01	2.63E-02	1.40E-03
		SLD	VERT	000	1.15	3.05E+00	2.15E+00	2.13E+00	5.05E-02	1.57E-03
				000	0.84	8.83E+00	8.78E+00	8.70E+00	2.86E-01	1.21E-02
				270	0.70	6.32E+00	6.07E+00	6.01E+00	1.21E-01	6.06E-03
11/04/79	09:30:31	CRK	VERT	000	1.42	1.63E+00	1.34E+00	1.24E+00	3.29E-02	9.72E-04
				000	0.66	3.87E+00	3.72E+00	3.74E+00	9.11E-02	6.42E-03
				270	0.80	4.58E+00	4.42E+00	4.45E+00	1.24E-01	5.55E-03
		SLD	VERT	000	0.92	6.76E+00	6.57E+00	6.50E+00	1.50E-01	5.01E-03
				000	0.92	1.48E+01	1.48E+01	1.44E+01	3.33E-01	1.12E-02
				270	0.92	2.04E+01	2.05E+01	2.01E+01	5.37E-01	2.81E-02
11/04/79	09:41:28	FBR	VERT	000	0.77	2.83E+00	2.30E+00	2.55E+00	1.87E-02	6.91E-04
				000	1.50	2.27E+00	2.25E+00	2.34E+00	3.09E-02	8.60E-04
				270	1.50	3.79E+00	3.83E+00	3.82E+00	4.47E-02	6.99E-04
11/04/79	10:23:26	AFB	VERT	000	1.80	4.39E+00	4.32E+00	4.24E+00	9.14E-02	1.77E-03
				000	0.86	1.72E+01	1.77E+01	1.76E+01	3.35E-01	8.23E-03
				270	0.60	1.90E+01	1.92E+01	1.93E+01	3.17E-01	8.52E-03
		FBR	VERT	000	1.40	3.14E+00	2.07E+00	2.09E+00	2.65E-02	6.61E-04
				000	0.70	4.28E+00	4.11E+00	3.86E+00	8.45E-02	2.91E-03
				270	1.70	4.90E+00	5.11E+00	4.98E+00	7.49E-02	1.74E-03
11/04/79	17:13:30	AFB	VERT	000	0.87	8.04E+00	7.95E+00	7.85E+00	1.53E-01	3.98E-03
				000	0.57	1.53E+01	1.54E+01	1.49E+01	4.36E-01	1.91E-02
				270	0.53	2.43E+01	2.52E+01	2.43E+01	7.62E-01	2.46E-02
		CRK	VERT	000	1.05	7.57E+00	7.37E+00	7.42E+00	1.28E-01	3.75E-03
				000	0.48	2.47E+01	2.35E+01	2.36E+01	6.38E-01	2.82E-02
				270	0.57	1.31E+01	1.29E+01	1.24E+01	3.88E-01	2.37E-02

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel, (cm/sec ²)	SMA-1 Accel, (cm/sec ²)	Cor. Accel, (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)
		FBR	VERT	0.80	2.99E+00	2.10E+00	1.93E+00	3.91E-02	1.01E-03
		000		0.80	5.76E+00	5.19E+00	5.15E+00	1.51E-01	7.63E-03
		270		0.80	4.77E+00	4.90E+00	4.85E+00	1.09E-01	5.32E-03
		HUS	VERT	1.07	2.29E+00	2.25E+00	2.14E+00	4.18E-02	1.30E-03
		000		0.90	9.24E+00	9.16E+00	9.10E+00	2.17E-01	7.80E-03
		270		0.75	4.95E+00	4.94E+00	4.77E+00	1.56E-01	1.00E-02
		SLD	VERT	0.63	4.06E+01	4.03E+01	3.98E+01	1.02E+00	3.39E-02
		000		0.89	1.04E+02	1.05E+02	1.00E+02	2.23E+00	7.94E-02
		270		1.30	1.76E+02	1.70E+02	1.59E+02	3.47E+00	1.19E-01
11/04/79	20:08:07	CRK	VERT	0.96	1.78E+01	1.40E+01	1.33E+01	1.00E-01	1.28E-03
		000		0.95	1.05E+01	1.01E+01	9.96E+00	1.40E-01	5.38E-03
		270		1.15	1.09E+01	1.05E+01	1.06E+01	1.61E-01	4.77E-03
		ROB	VERT	3.00	8.25E+00	7.15E+00	6.71E+00	5.85E-02	7.26E-04
		000		0.80	9.49E+00	9.75E+00	9.44E+00	1.58E-01	5.37E-03
		090		0.80	1.26E+01	1.27E+01	1.25E+01	1.78E-01	6.58E-03
11/07/79	13:47:29	BCS	VERT	1.07	1.00E+01	8.92E+00	8.38E+00	7.60E-02	1.34E-03
		000		1.07	6.19E+00	6.18E+00	5.93E+00	1.23E-01	3.66E-03
		090		1.07	3.72E+00	3.52E+00	3.41E+00	8.23E-02	2.66E-03
11/08/79	13:51:30	FBR	VERT	1.40	4.08E+00	3.18E+00	3.15E+00	2.31E-02	3.69E-04
		000		0.90	1.80E+00	1.91E+00	1.85E+00	2.88E-02	9.71E-04
		270		0.90	1.97E+00	1.94E+00	1.82E+00	3.25E-02	7.71E-04
		SLD	VERT	1.20	3.70E+00	3.74E+00	3.62E+00	6.93E-02	2.32E-03
		000		0.90	1.11E+01	1.12E+01	1.09E+01	1.59E-01	4.81E-03
		270		0.90	2.19E+01	2.24E+01	2.21E+01	3.88E-01	1.08E-02
11/09/79	23:03:57	IVC	VERT	1.82	2.25E+00	2.15E+00	2.10E+00	3.31E-02	6.50E-04
		000		1.70	2.25E+00	2.19E+00	2.13E+00	3.57E-02	5.43E-04
		270		1.40	1.35E+00	1.21E+00	1.19E+00	2.75E-02	1.50E-03
11/10/79	20:35:42	BCS	VERT	2.10	3.48E+00	3.14E+00	3.41E+00	3.22E-02	3.79E-04
		000		1.10	4.96E+00	4.99E+00	4.92E+00	6.62E-02	1.85E-03
		090		0.95	4.64E+00	4.65E+00	4.60E+00	7.87E-02	1.51E-03
		CRK	VERT	1.47	2.97E+00	2.66E+00	2.69E+00	5.20E-02	1.03E-03
		000		1.05	4.51E+00	4.22E+00	4.25E+00	1.17E-01	3.12E-03
		270		1.30	4.95E+00	4.92E+00	4.63E+00	1.03E-01	3.70E-03
11/11/79	06:42:24	AFB	VERT	1.62	3.05E+00	2.83E+00	2.89E+00	4.10E-02	7.91E-04
		000		0.76	9.34E+00	9.61E+00	9.14E+00	1.39E-01	2.79E-03
		270		0.79	8.32E+00	7.83E+00	8.19E+00	1.10E-01	3.74E-03
		SLD	VERT	1.07	2.65E+00	2.38E+00	2.41E+00	3.97E-02	8.67E-04
		000		1.67	4.18E+00	4.23E+00	4.35E+00	6.40E-02	1.98E-03
		270		0.76	6.44E+00	6.74E+00	6.38E+00	1.17E-01	3.02E-03
11/11/79	15:32:45	BCS	VERT	1.30	3.42E+00	3.22E+00	3.29E+00	2.71E-02	6.40E-04
		000		0.79	2.09E+00	2.03E+00	2.00E+00	6.09E-02	2.40E-03
		090		1.12	1.41E+00	1.39E+00	1.34E+00	3.36E-02	1.45E-03
		GPN	VERT	1.40	1.26E+00	1.15E+00	1.05E+00	1.16E-02	1.45E-04
		000		1.00	1.46E+00	1.47E+00	1.51E+00	2.98E-02	6.24E-04
		090		0.45	1.68E+00	1.64E+00	1.59E+00	5.82E-02	3.04E-03
		HUS	VERT	1.50	4.16E+00	3.70E+00	3.59E+00	5.57E-02	1.13E-03

TABLE 4 (Continued)

Date (UTC)	Time (UTC)	Sta.	Comp.	f_h (Hz)	Uncor. Accel. (cm/sec ²)	SMA-1 Accel. (cm/sec ²)	Cor. Accel. (cm/sec ²)	Cor. Vel. (cm/sec)	Cor. Disp. (cm)	
				000	0.50	6.14E+00	6.09E+00	5.85E+00	2.05E-01	1.39E-02
				270	0.60	9.00E+00	9.01E+00	8.72E+00	1.98E-01	5.98E-03
11/11/79	15:59:23	BCS	VERT	0.95	3.31E+00	3.15E+00	3.41E+00	2.58E-02	4.93E-04	
				000	1.10	2.20E+00	2.22E+00	2.21E+00	5.10E-02	1.58E-03
				090	1.15	1.98E+00	1.96E+00	1.92E+00	4.67E-02	1.43E-03
11/12/79	00:54:36	SLD	VERT	1.62	8.66E+00	7.06E+00	5.64E+00	5.05E-02	7.58E-04	
				000	1.05	6.91E+00	6.63E+00	6.29E+00	8.75E-02	2.02E-03
				270	0.99	6.32E+00	6.15E+00	6.03E+00	7.01E-02	1.07E-03
11/14/79	03:52:47	CRK	VERT	0.70	1.52E+01	1.44E+01	1.59E+01	1.51E-01	3.14E-03	
				000	0.74	1.44E+01	1.33E+01	1.32E+01	2.58E-01	8.91E-03
				270	0.47	8.98E+00	8.01E+00	8.33E+00	1.79E-01	8.19E-03
		FBR	VERT	1.27	3.31E+00	2.90E+00	3.32E+00	2.48E-02	4.57E-04	
				000	0.64	5.45E+00	5.59E+00	5.49E+00	8.69E-02	2.91E-03
				270	1.15	2.68E+00	2.60E+00	2.56E+00	3.66E-02	9.94E-04
		GPN	VERT	2.97	1.73E+00	1.62E+00	1.69E+00	2.52E-02	4.34E-04	
				000	1.40	2.11E+00	2.11E+00	2.06E+00	3.55E-02	7.08E-04
				090	1.40	1.75E+00	1.77E+00	1.74E+00	2.37E-02	6.46E-04
		HUS	VERT	1.50	4.49E+00	4.08E+00	3.83E+00	7.33E-02	1.69E-03	
				000	0.77	1.44E+01	1.48E+01	1.46E+01	2.96E-01	1.45E-02
				270	0.77	9.13E+00	8.99E+00	8.87E+00	2.06E-01	9.60E-03
		SLD	VERT	0.93	9.97E+00	8.88E+00	8.62E+00	9.04E-02	2.29E-03	
				000	0.56	1.13E+01	1.11E+01	1.15E+01	2.01E-01	8.64E-03
				270	0.97	1.57E+01	1.54E+01	1.57E+01	1.66E-01	6.14E-03

Table 5

Statistics of Peak Ground-Motion Parameters

Parameter	no. of records	mean	median	std. dev.	minimum	maximum
<i>Vertical Component/Average Horizontal Component</i>						
Uncorrected Acceleration	269	1.02	0.80	0.80	0.19	6.69
SMA-1 Acceleration	269	0.94	0.68	0.75	0.14	5.69
Corrected Acceleration	269	0.94	0.68	0.76	0.14	5.54
Uncorrected Velocity	240	0.81	0.50	0.75	0.083	4.10
Corrected Velocity	269	0.77	0.47	0.74	0.071	4.04
Corrected Displacement	269	0.73	0.30	1.15	0.031	9.48
<i>Largest Horizontal Component/Smallest Horizontal Component</i>						
Uncorrected Acceleration	269	1.42	1.30	0.39	1.00	3.55
SMA-1 Acceleration	269	1.44	1.30	0.43	1.00	4.05
Corrected Acceleration	269	1.43	1.30	0.42	1.00	3.78
Uncorrected Velocity	240	1.55	1.41	0.56	1.01	4.76
Corrected Velocity	269	1.55	1.37	0.58	1.00	5.61
Corrected Displacement	269	1.81	1.55	0.89	1.00	7.36
<i>Vertical Components</i>						
SMA-1 Accel./Unc. Accel.	301	0.88	0.91	0.14	0.22	1.08
Cor. Accel./SMA-1 Accel.	301	0.98	0.99	0.072	0.52	1.18
Cor. Accel./Unc. Accel.	301	0.86	0.90	0.15	0.19	1.11
Cor. Vel./Unc. Vel.	269	0.95	0.95	0.11	0.68	1.39
Cor. Vel./Cor. Accel.	301	0.015	0.014	0.0061	0.0064	0.038
Cor. Disp./Cor. Vel.	301	0.026	0.024	0.018	0.0074	0.30
A•D/V ²	301	1.77	1.59	1.01	0.79	15.4
<i>Average Horizontal Components</i>						
SMA-1 Accel./Unc. Accel.	269	0.97	1.00	0.11	0.36	1.06
Cor. Accel./SMA-1 Accel.	269	0.98	0.98	0.036	0.57	1.04
Cor. Accel./Unc. Accel.	269	0.94	0.98	0.11	0.26	1.05
Cor. Vel./Unc. Vel.	240	0.99	0.97	0.13	0.78	2.09
Cor. Vel./Cor. Accel.	269	0.020	0.018	0.0075	0.0090	0.070
Cor. Disp./Cor. Vel.	269	0.036	0.033	0.017	0.011	0.18
A•D/V ²	269	1.80	1.73	0.52	0.88	4.57

Note: A = peak corrected acceleration; V = peak corrected velocity; D = peak corrected displacement.

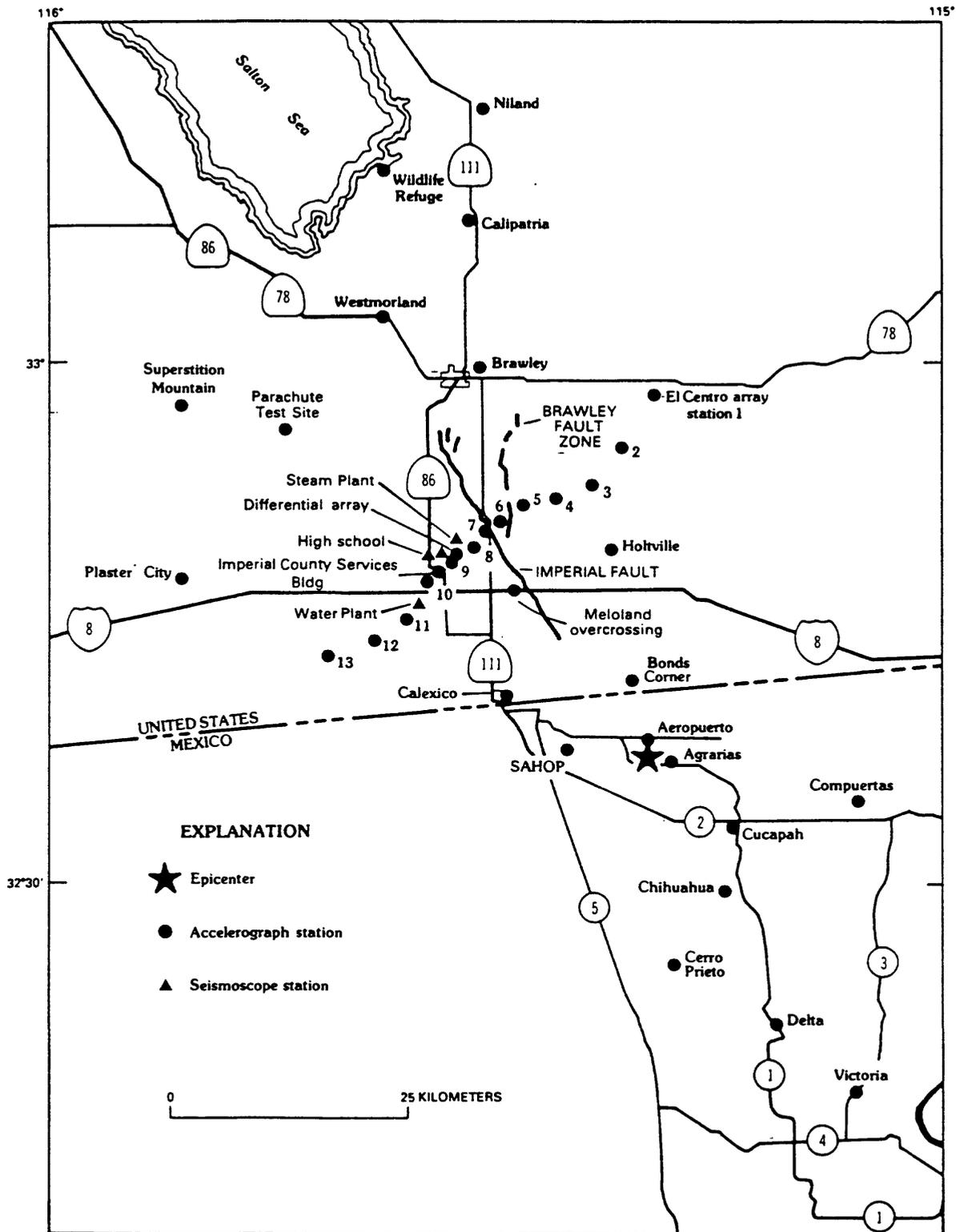


Figure 1. Map of the Imperial Valley, California and Mexicali Valley, Mexico regions showing locations of the epicenter of the October 15, 1979 earthquake (star), the surface fault rupture (bold lines), and the accelerographs that recorded the event (solid circles) [Porcella *et al.*, 1982]

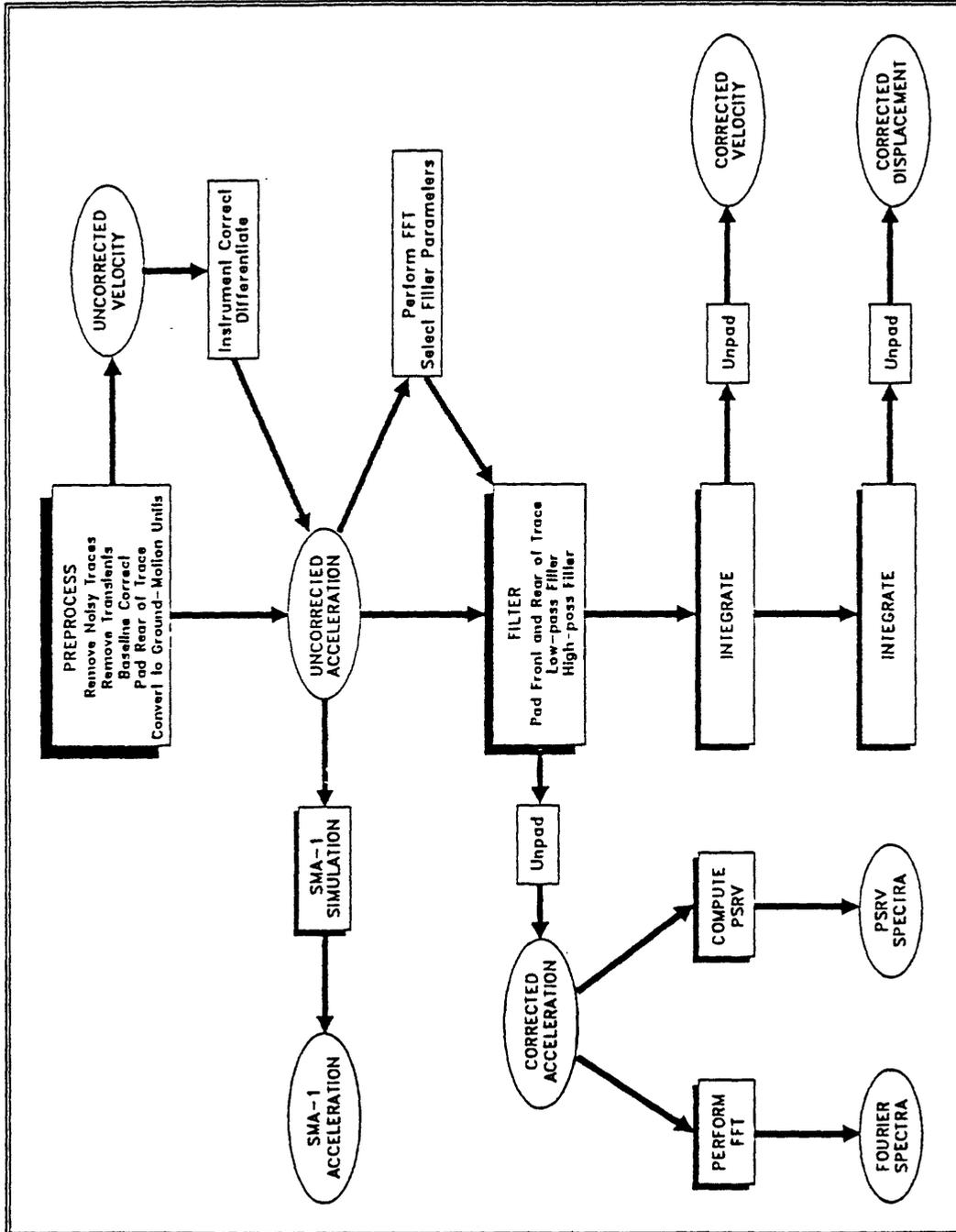


Figure 2. Flowchart showing the steps used to process digital aftershock recordings of the October 15, 1979 Imperial Valley, California, earthquake.

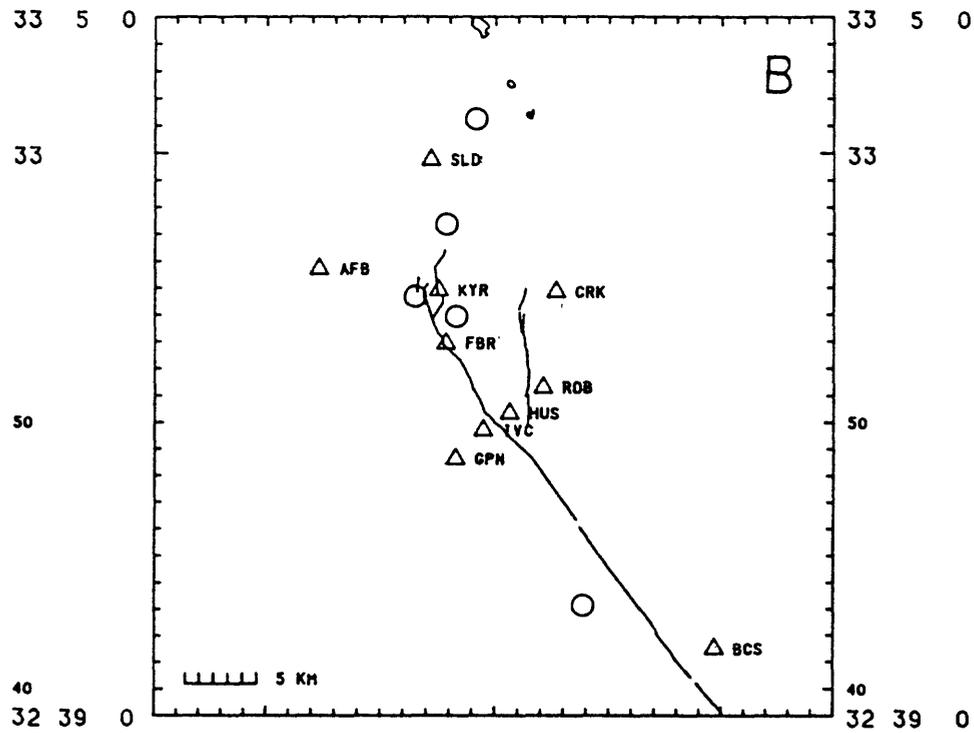
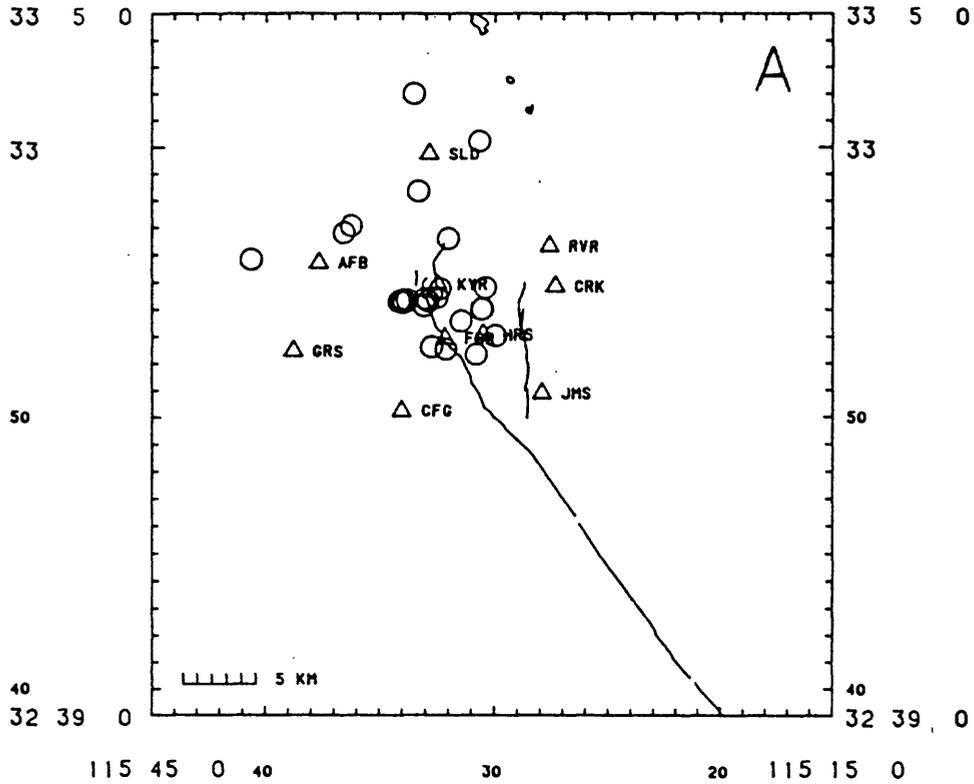


Figure 3. Map of the Imperial Valley, California region showing locations of the DR-100 digital seismographs (triangles) and located earthquakes (circles) for the periods Oct. 17-25, 1979 (a) and Oct. 25-Nov. 19, 1979 (b) [Fletcher et al., 1981].

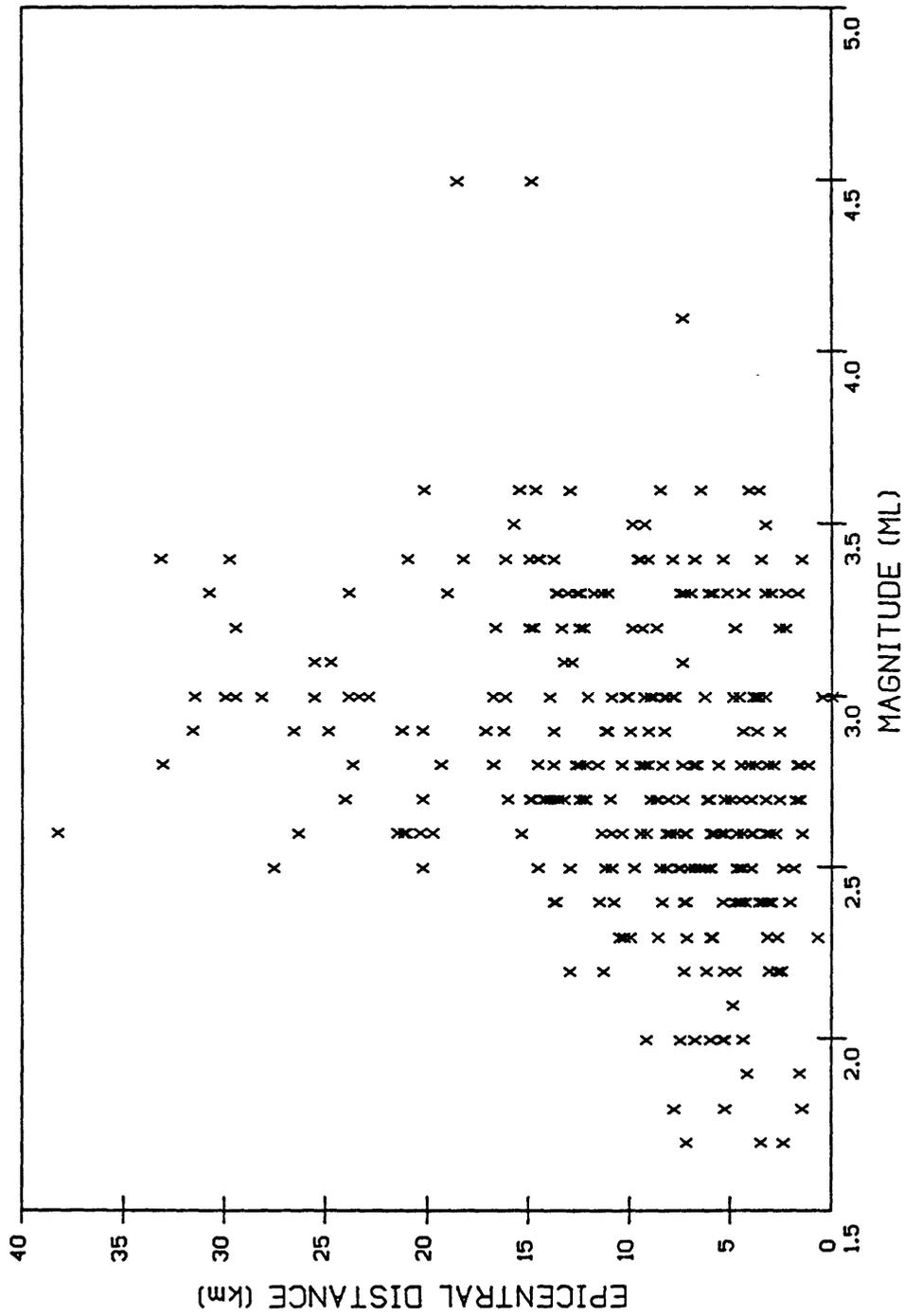


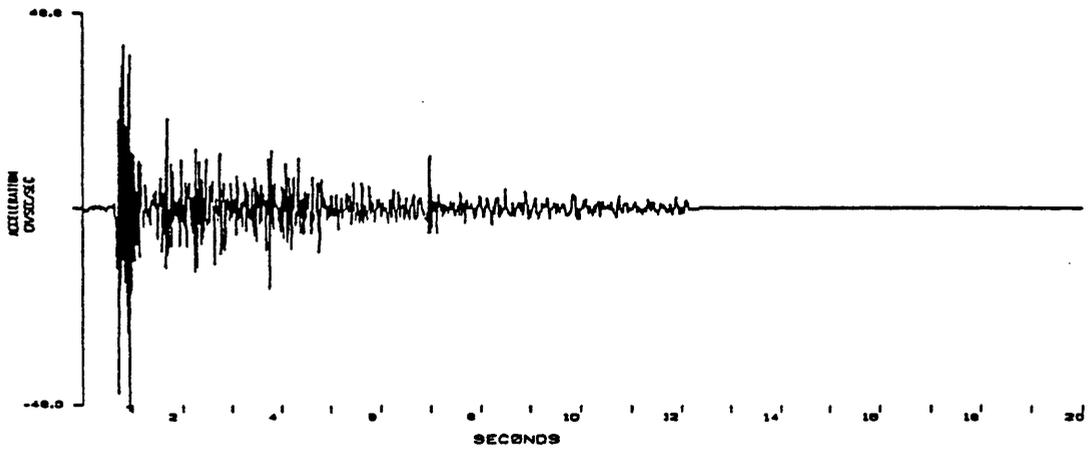
Figure 4. Distribution of processed digital aftershock recordings with respect to magnitude and distance for the October 15, 1979 Imperial Valley, California, earthquake.

APPENDIX

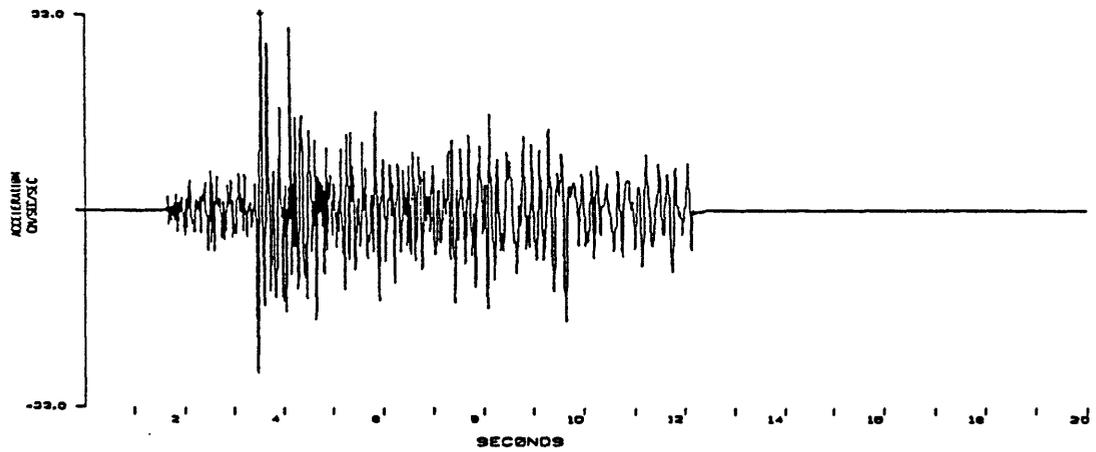
Plots of Selected Recordings

10/17/79, 19:14:38, $M_L=4.1$	A-1
10/17/79, 22:45:34, $M_L=4.5$	A-6
10/19/79, 10:35:08, $M_L=3.4$	A-16
10/20/79, 05:04:07, $M_L=3.0$	A-56
10/20/79, 14:52:55, $M_L=3.3$	A-96
10/21/79, 18:17:59, $M_L=3.3$	A-136
10/23/79, 01:13:13, $M_L=3.0$	A-176
10/31/79, 11:43:46, $M_L=3.4$	A-221
11/04/79, 17:13:30, $M_L=3.6$	A-261

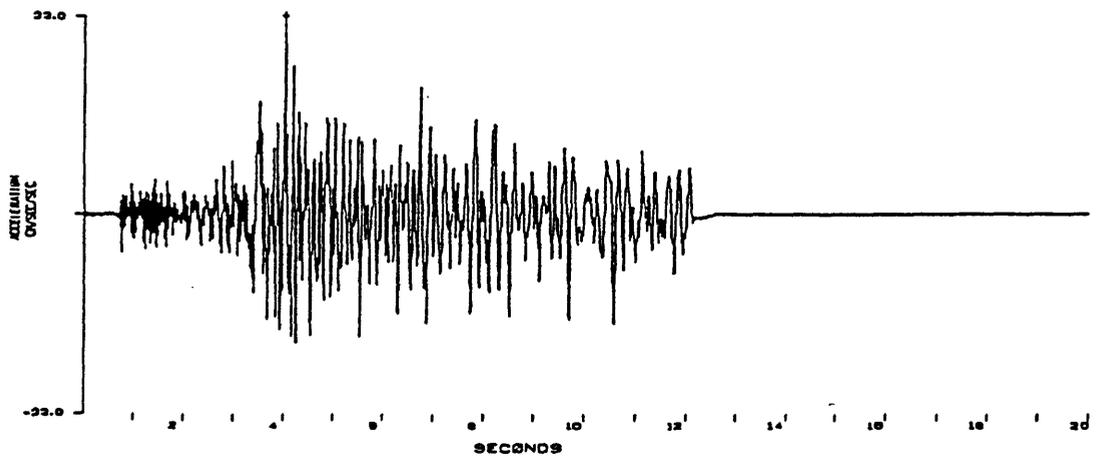
IMPERIAL VALLEY EARTHQUAKE, 10/17/70, 19:14:30 UTC, ML-4.1
STATION CFG, 6ERY



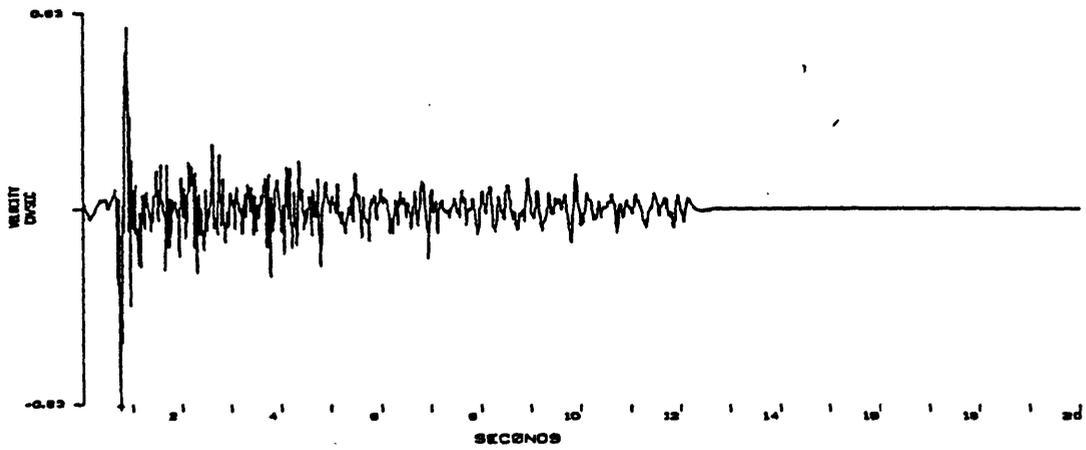
IMPERIAL VALLEY EARTHQUAKE, 10/17/70, 19:14:30 UTC, ML-4.1
STATION CFG, 00B



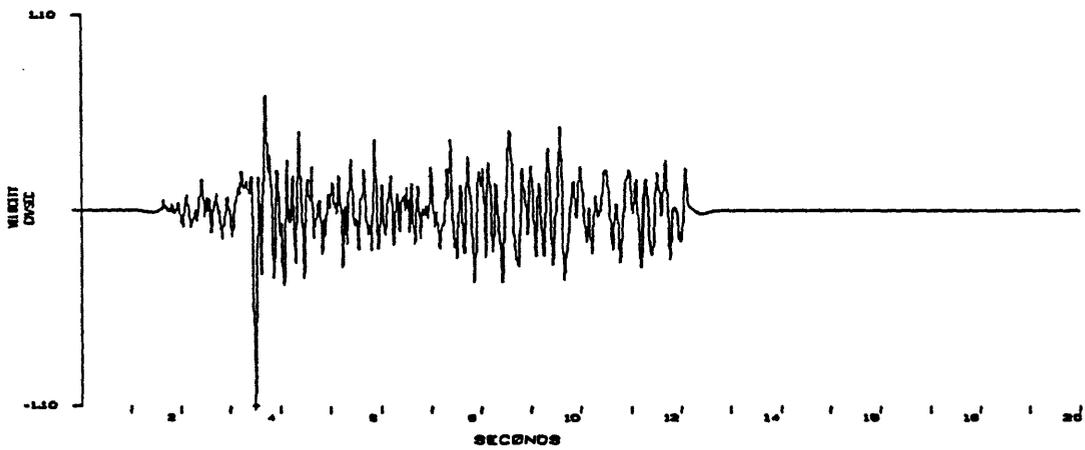
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STATION CFG, 00B



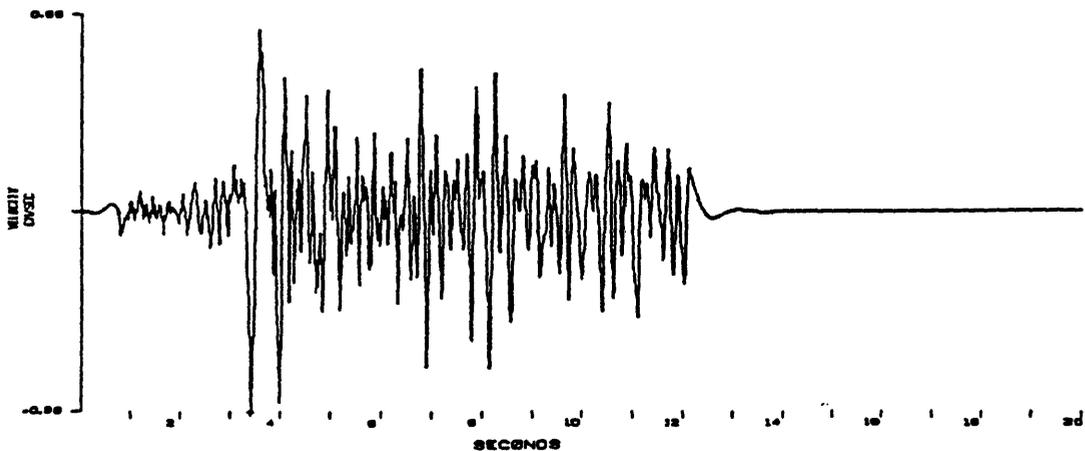
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STATION CFG, VBR



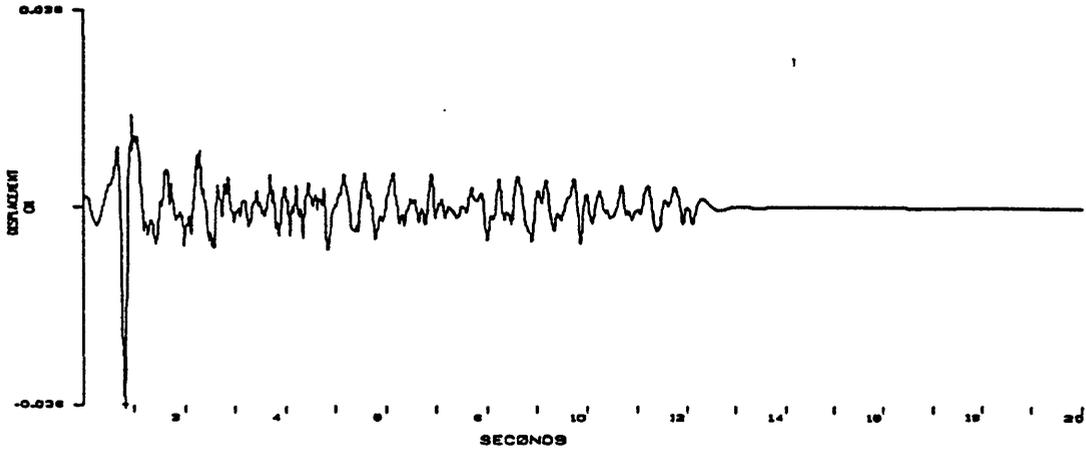
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STATION CFG, ODB



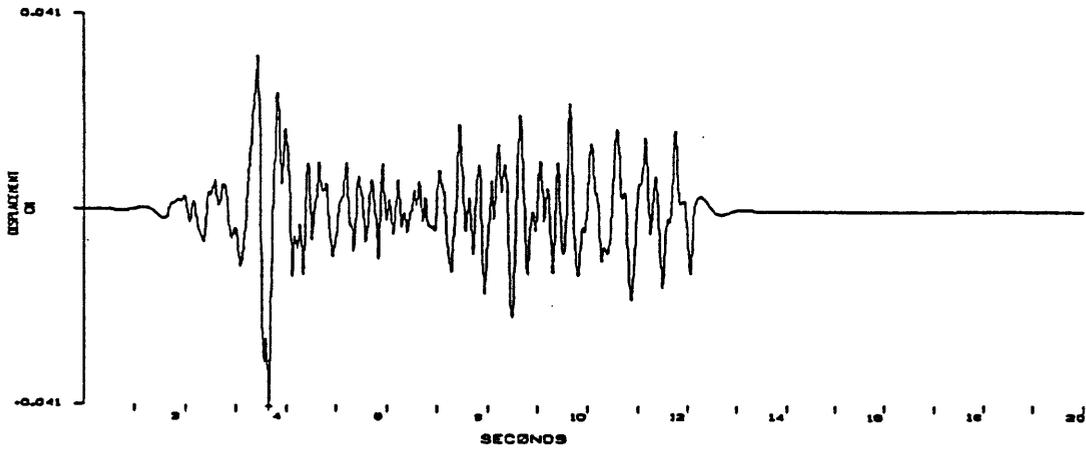
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STATION CFG, ODB



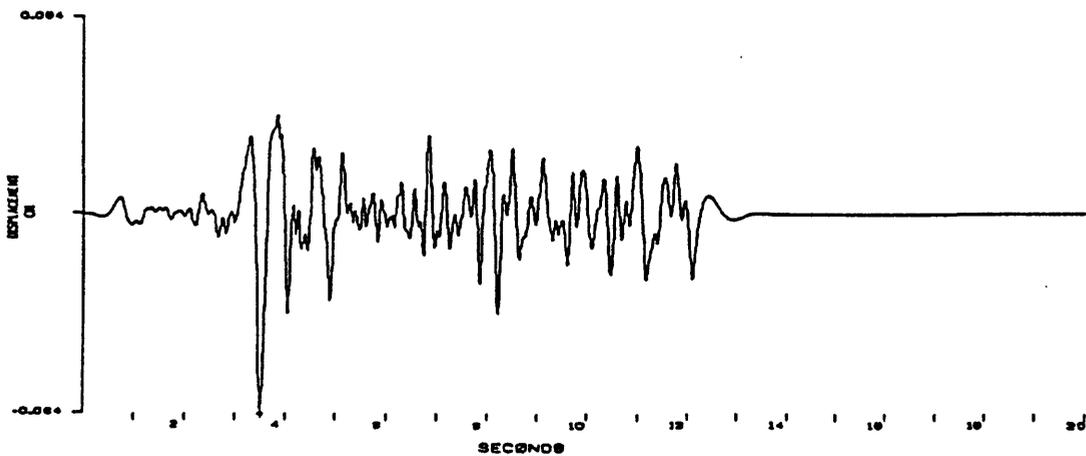
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STATION CPG, VRY



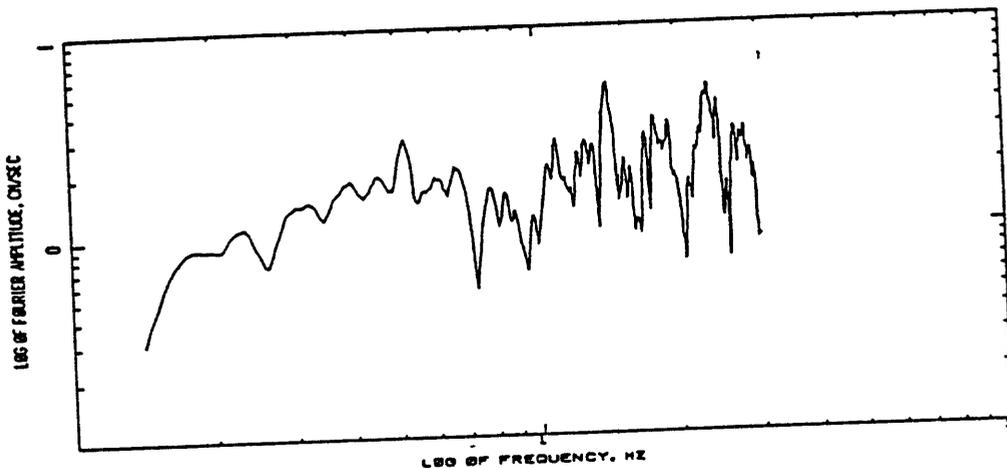
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STATION CPG, ODB



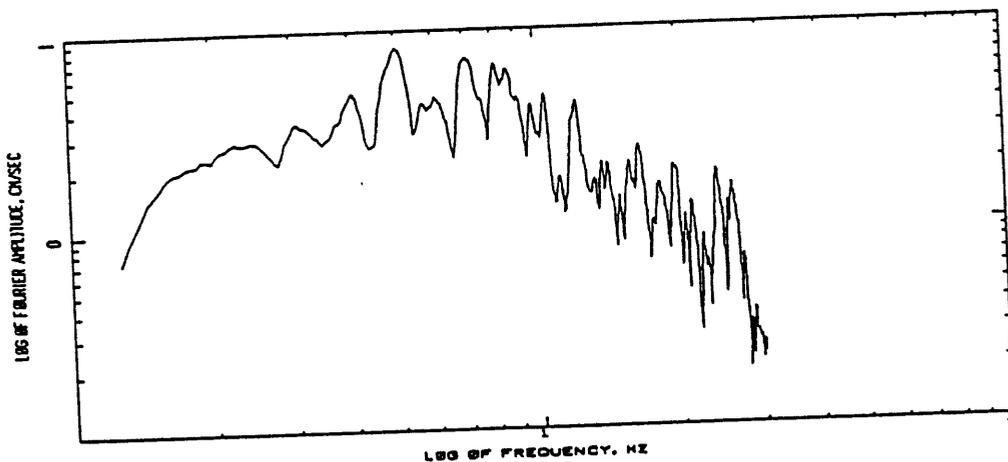
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STATION CPG, ODB



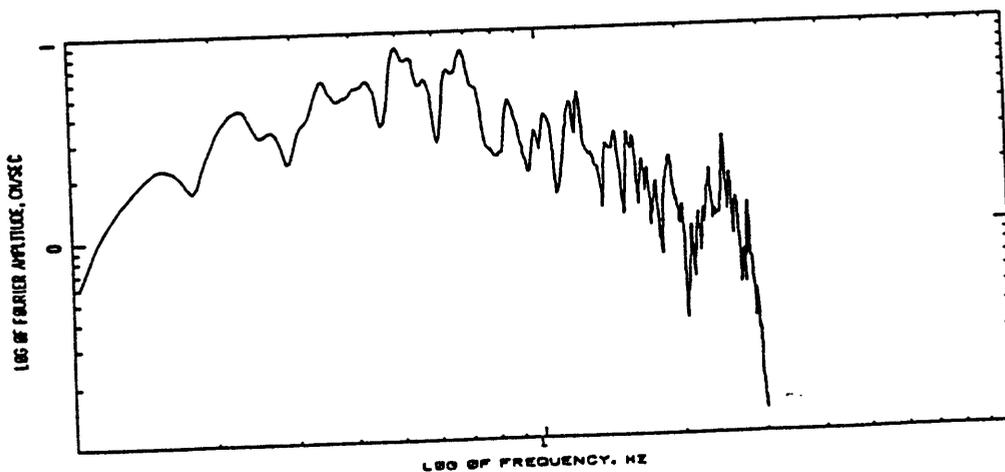
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
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STATION LOG: 081435B
COMPUTING OPTIONS: ZCRSS,SHOBTWK101,NONBISE



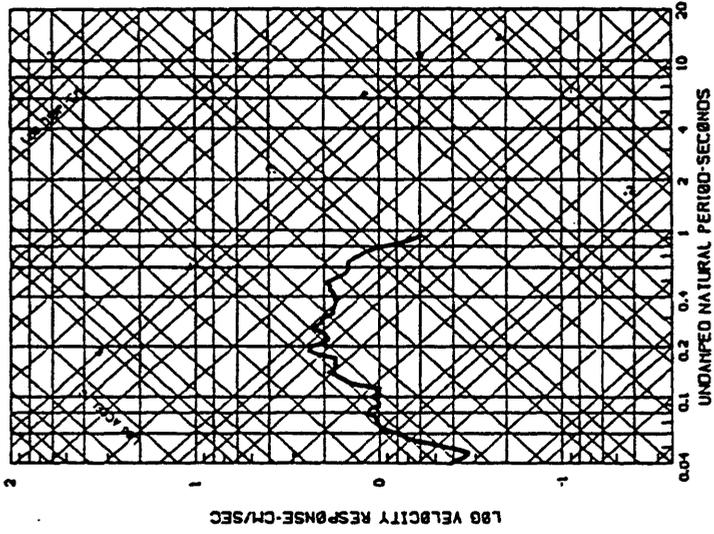
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COMPUTING OPTIONS: ZCRSS,SHOBTWK101,NONBISE



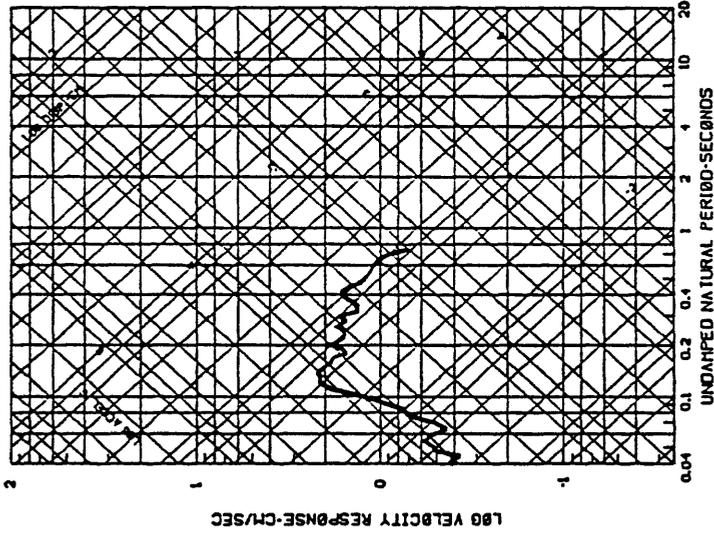
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COMPUTING OPTIONS: ZCRSS,SHOBTWK101,NONBISE



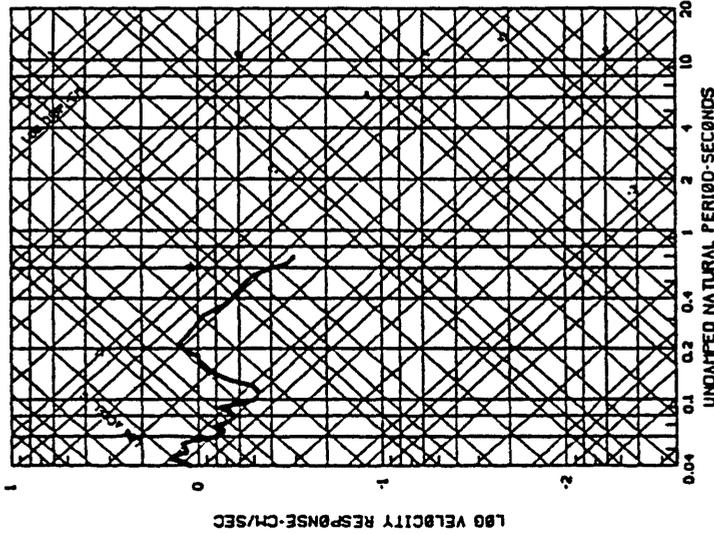
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 19:14:38 UTC, ML-4.1
 STATION CPG, 000
 5 PERCENT CRITICAL DAMPING



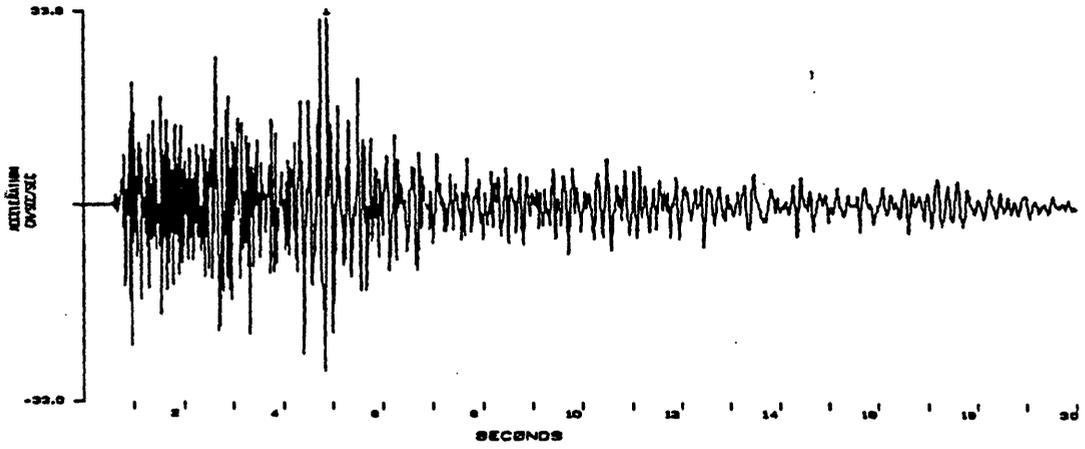
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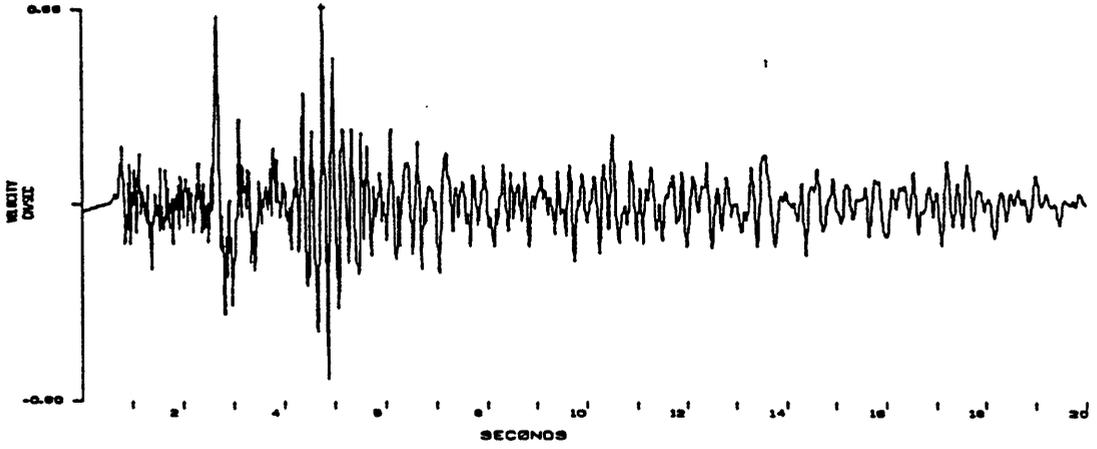
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 5 PERCENT CRITICAL DAMPING



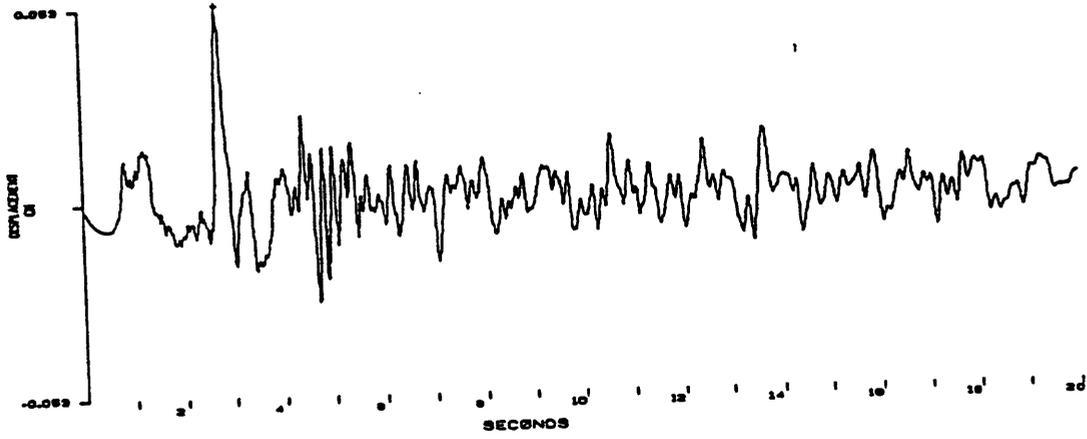
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STATION CRK. 021



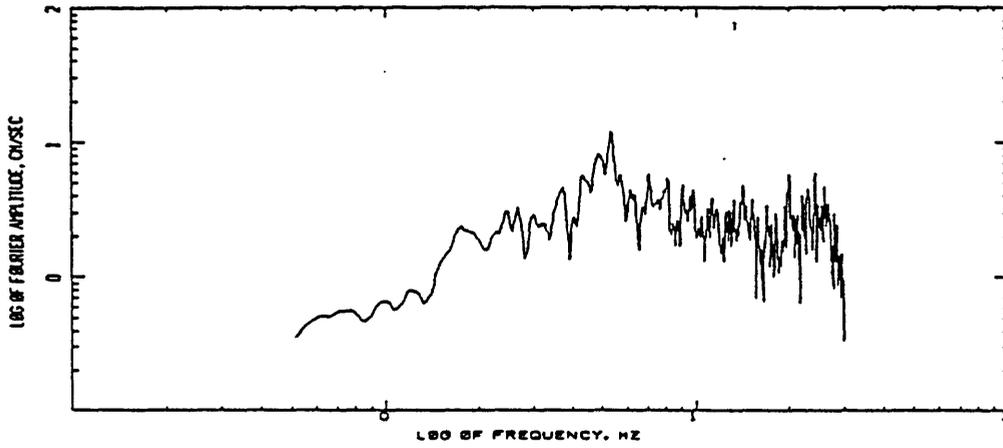
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STATION CHC, VERT



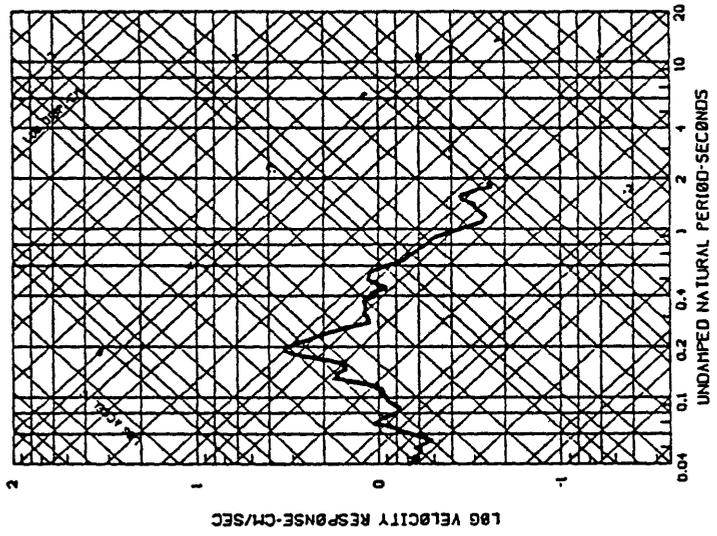
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STATION EAK. VERT



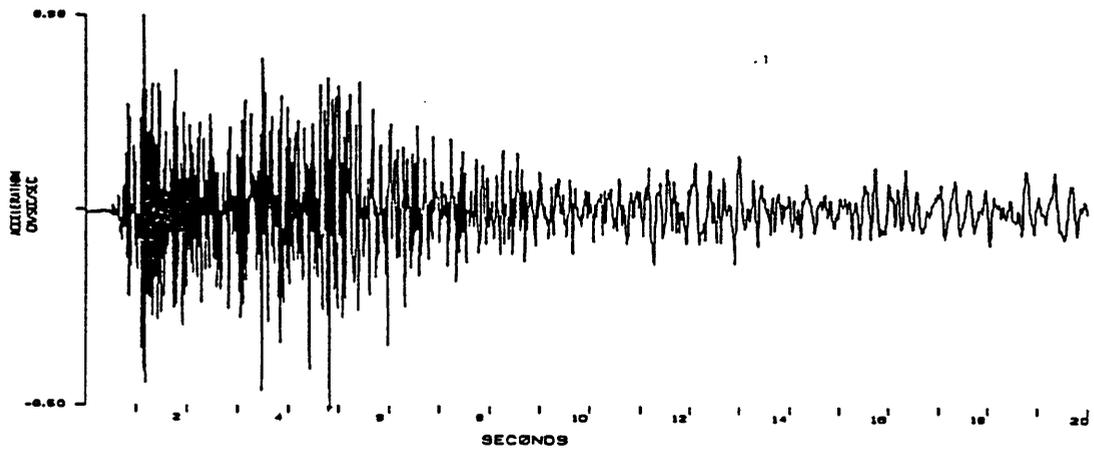
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STATION: PK 0.571
COMPUTING OPTIONS: ZCR66, SMOOTH(10), NOISE



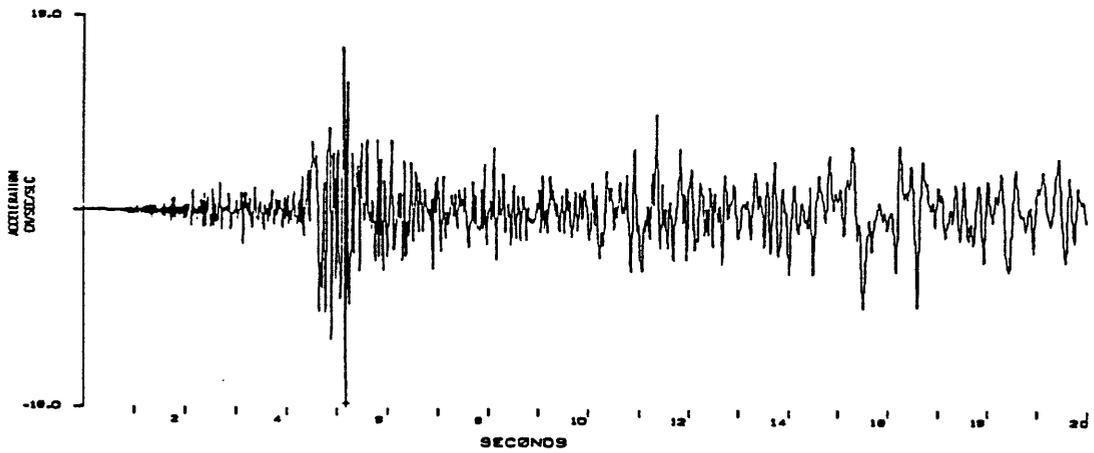
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/17/79 22:45:34 UTC, M=4.5
 STATION CRK VERT
 5 PERCENT CRITICAL DAMPING



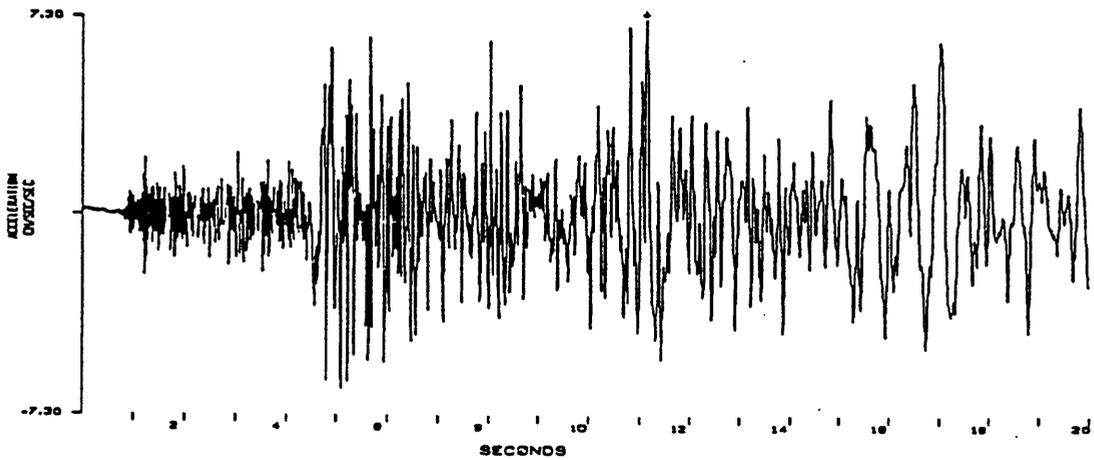
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STATION FER, 050



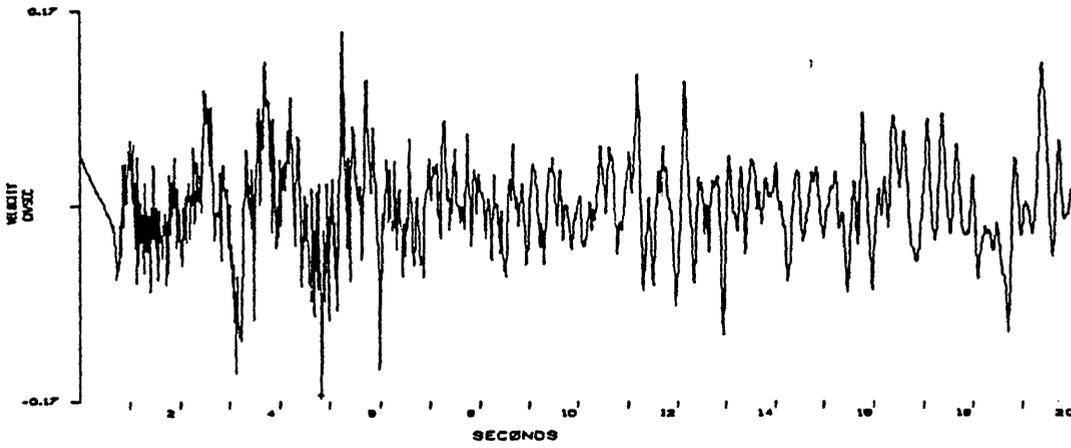
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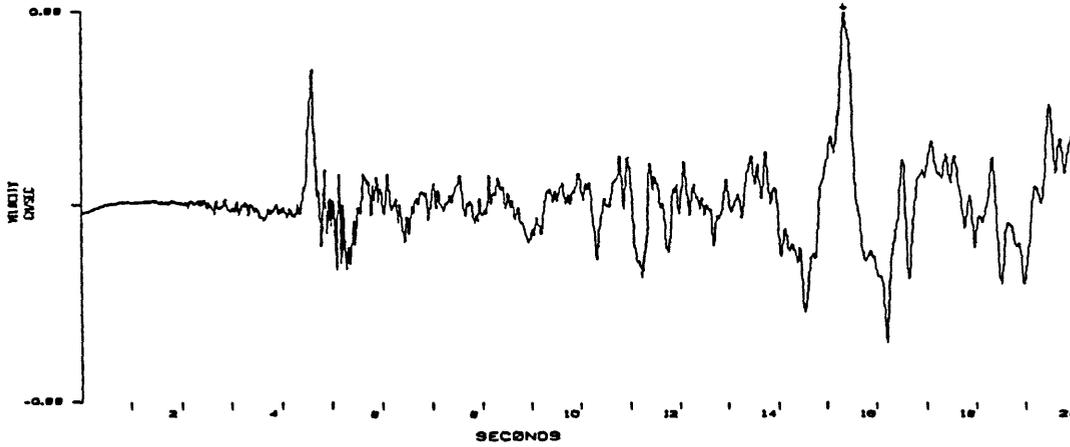
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STATION FER, 250



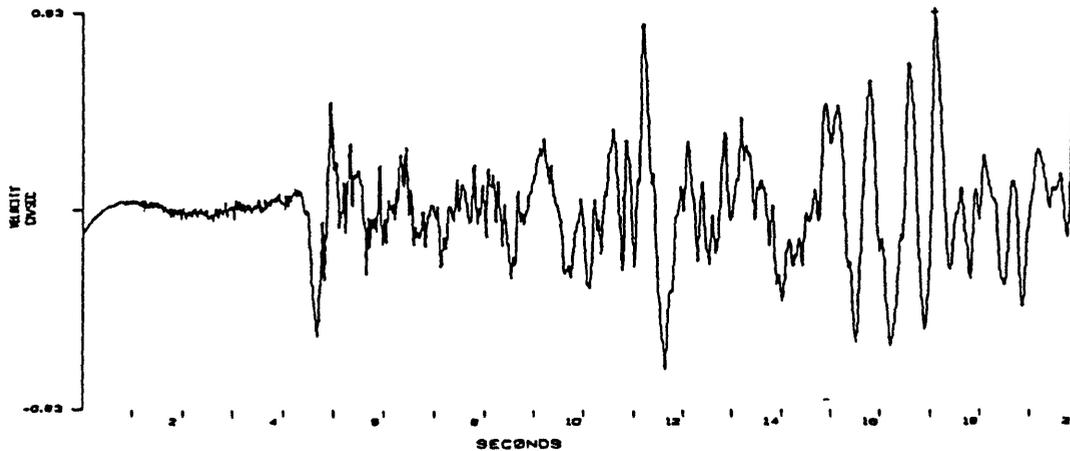
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STATION FBR, VERT



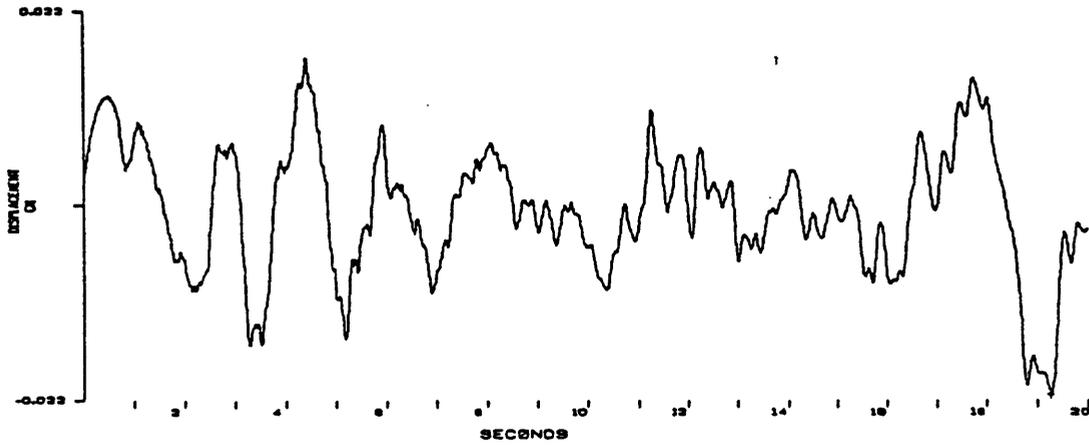
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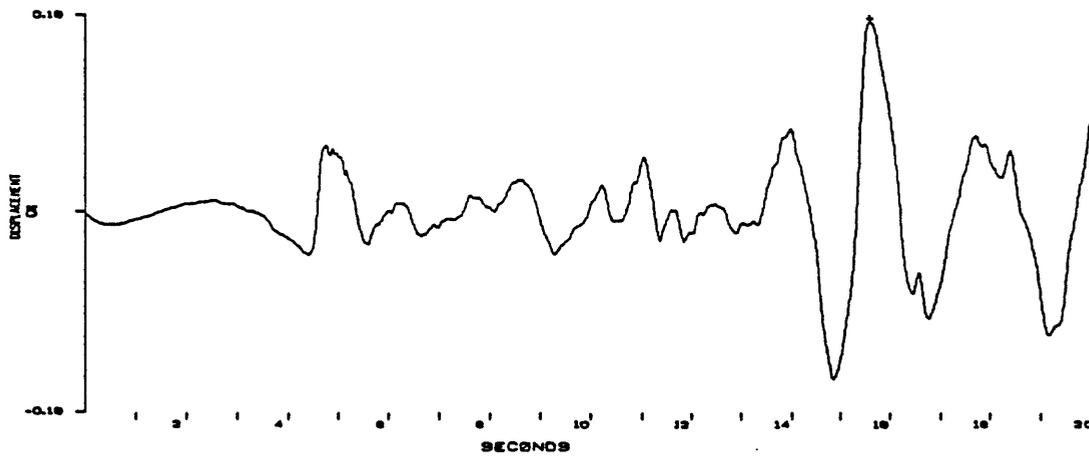
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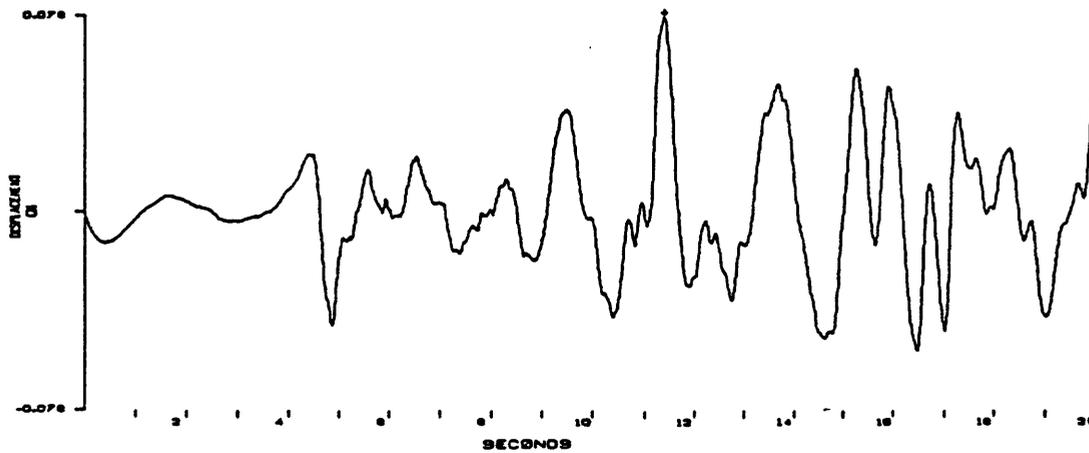
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STATION FBR, 064



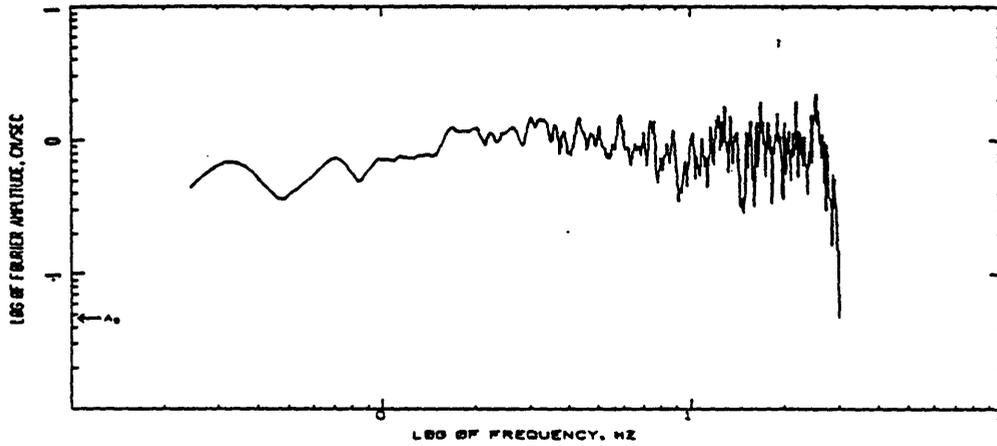
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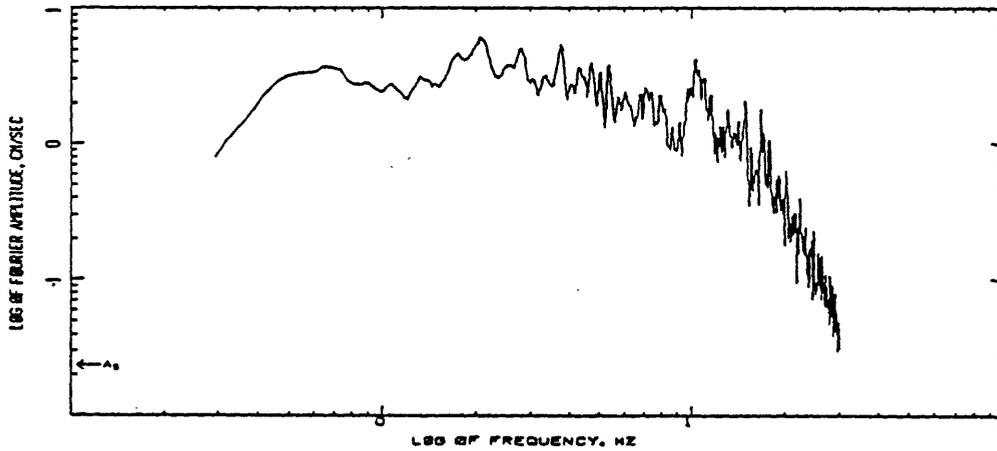
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STATION FBR, 270



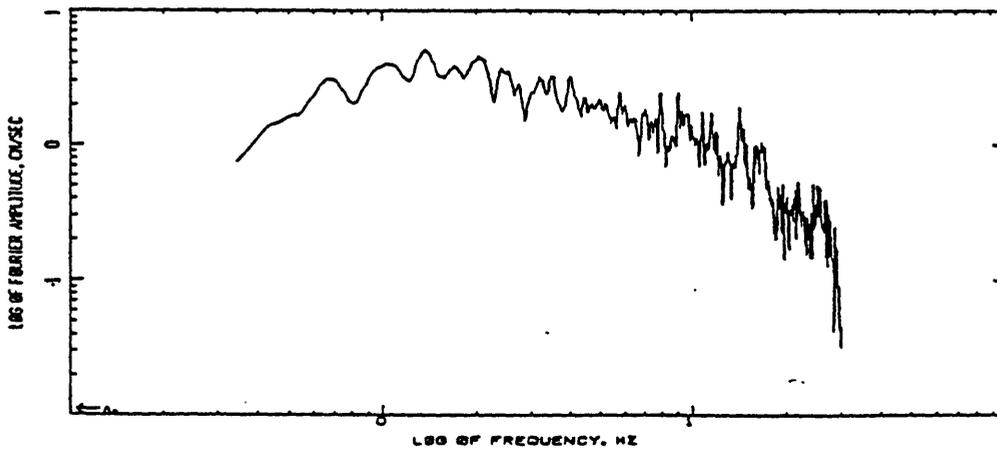
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
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STATION ESR, 008
COMPUTING OPTIONS- ZCROSS,SMOOTH10I,NOISE



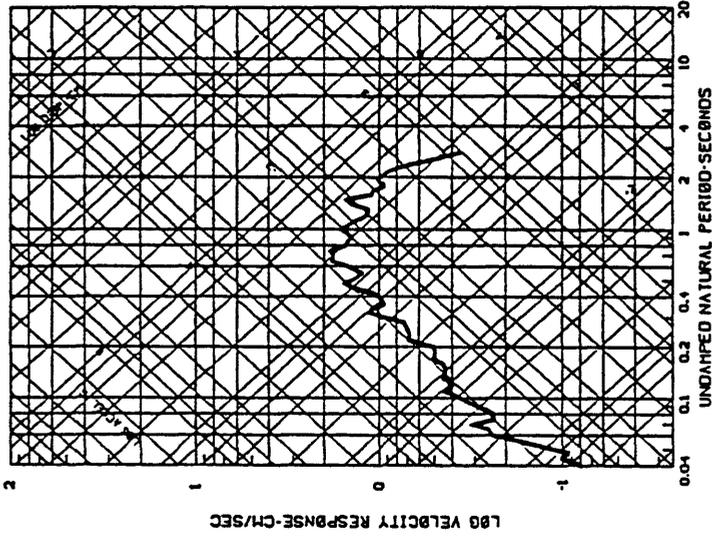
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COMPUTING OPTIONS- ZCROSS,SMOOTH10I,NOISE



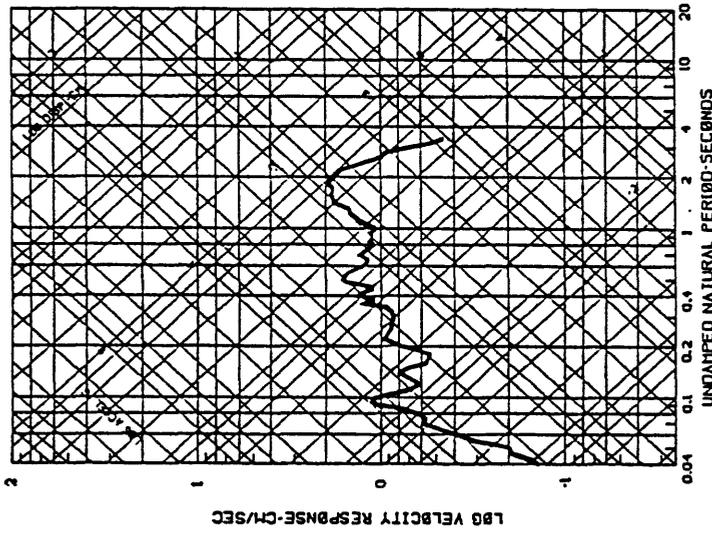
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STATION ESR, 008
COMPUTING OPTIONS- ZCROSS,SMOOTH10I,NOISE



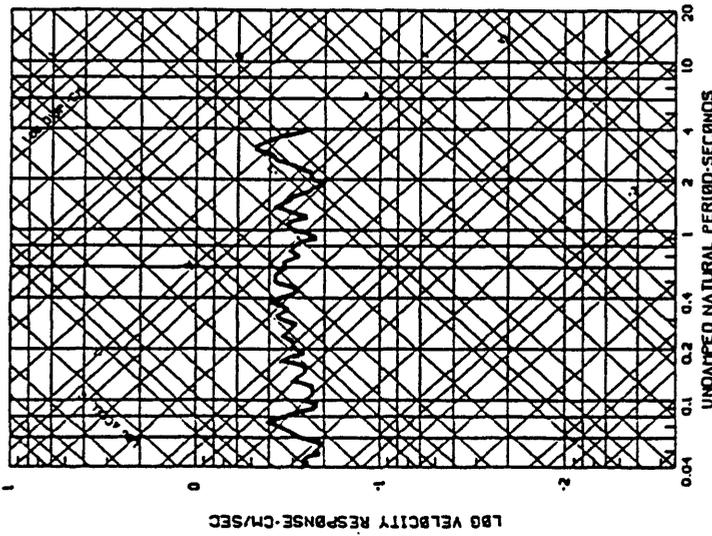
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 SCALE: 100% OF 0.001
 5 PERCENT CRITICAL DAMPING



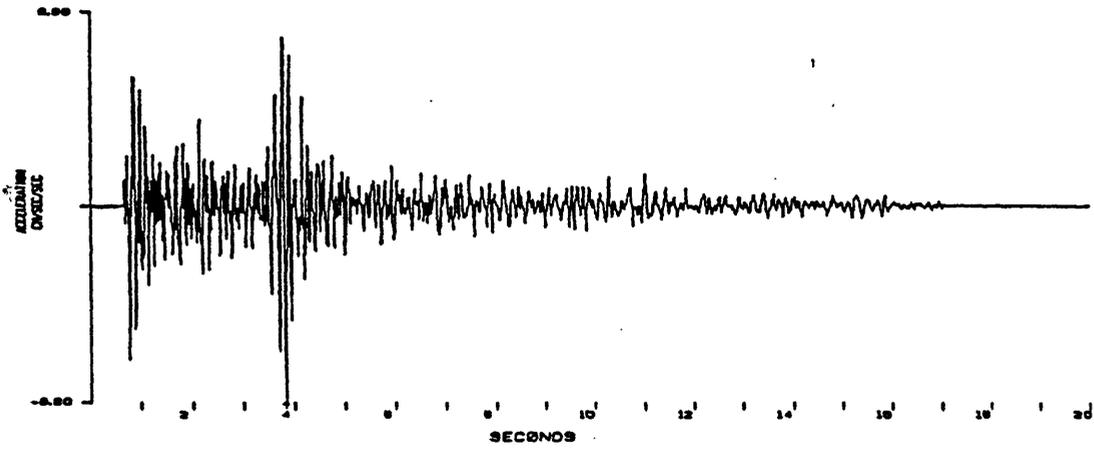
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 SCALE: 100% OF 0.001
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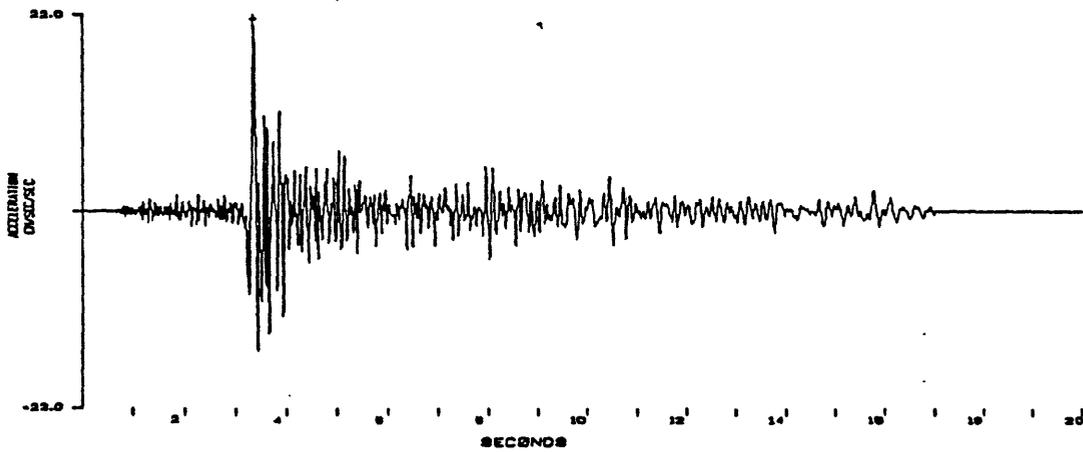
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 SCALE: 100% OF 0.001
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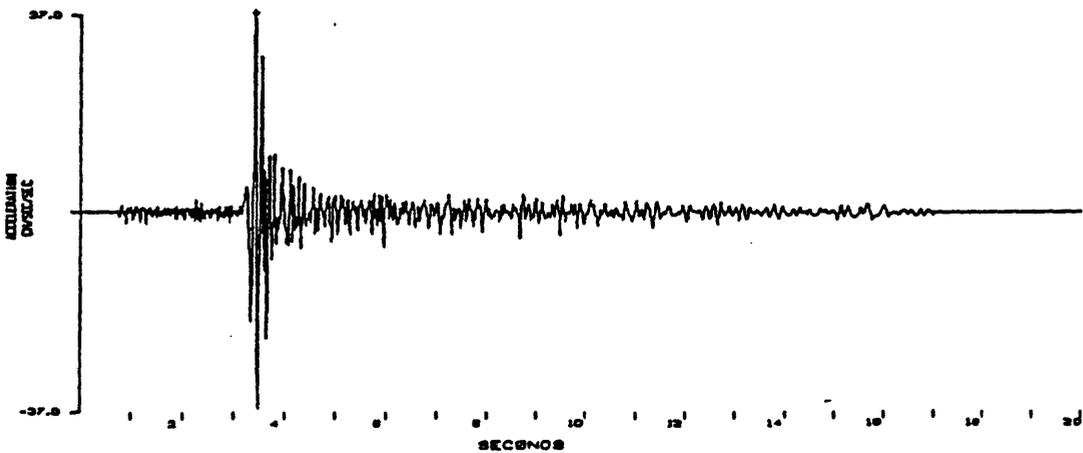
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STATION XFS, VERT



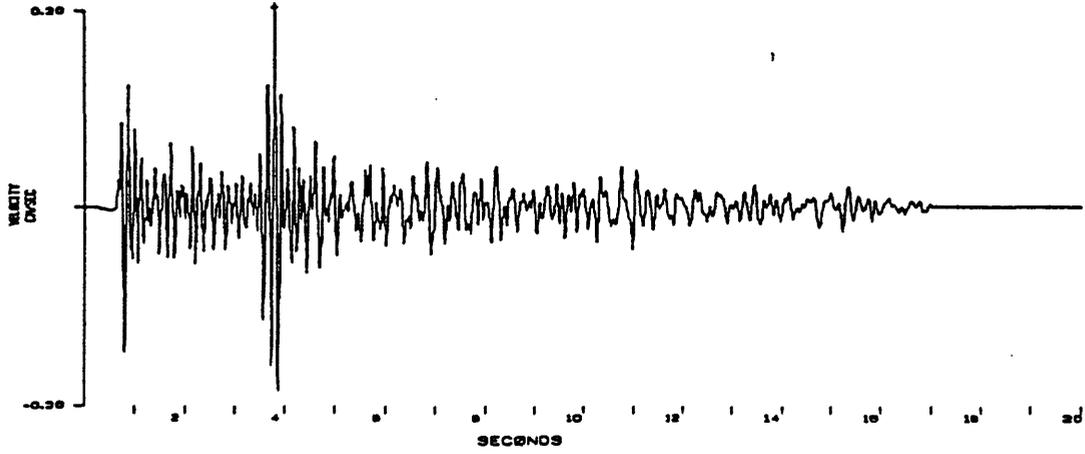
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STATION XFS, ODD



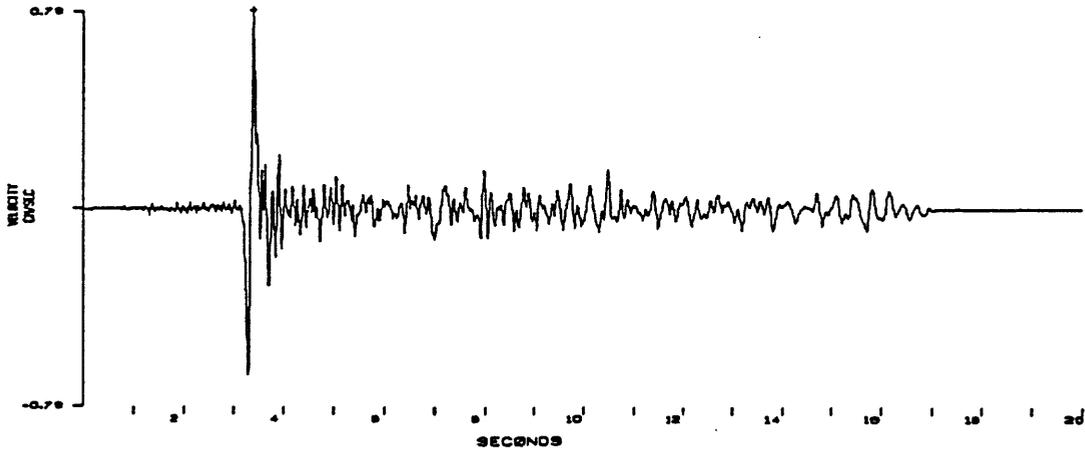
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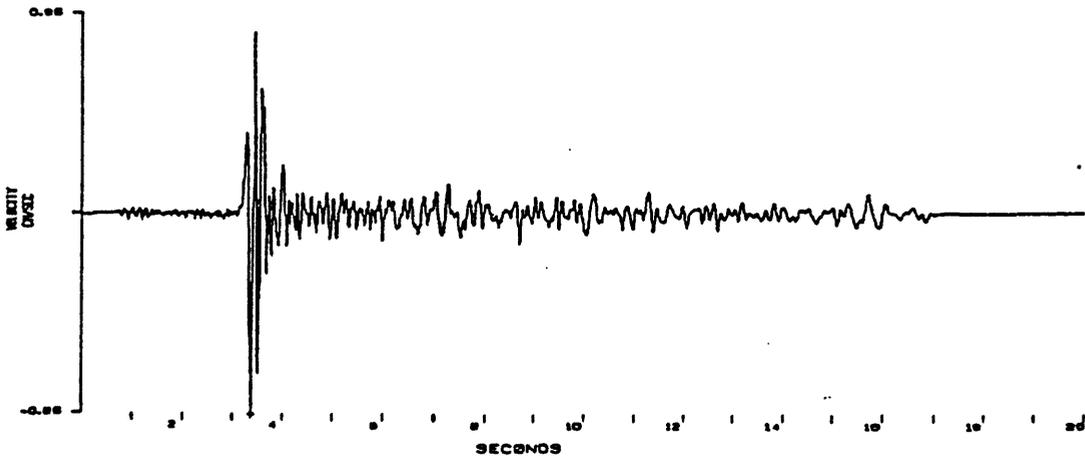
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STATION XFB, 0281

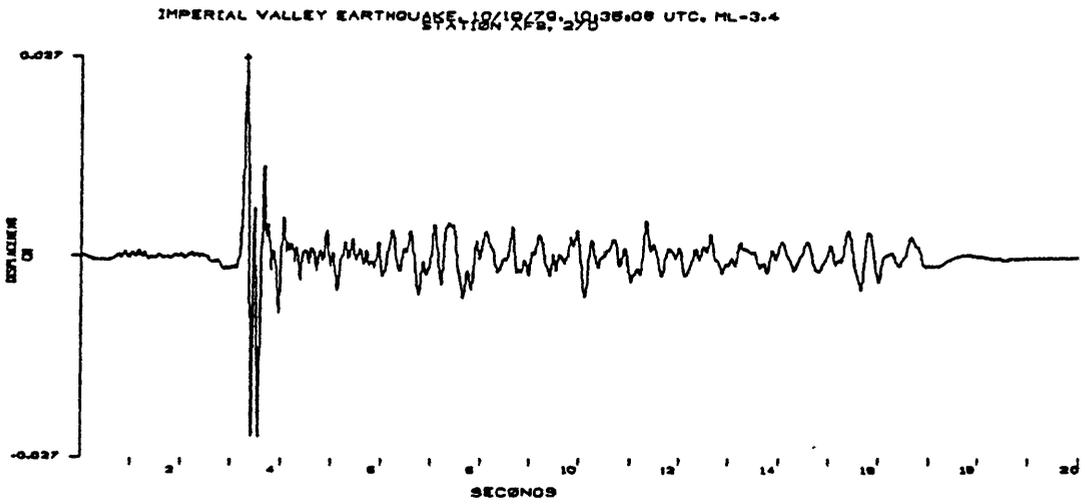
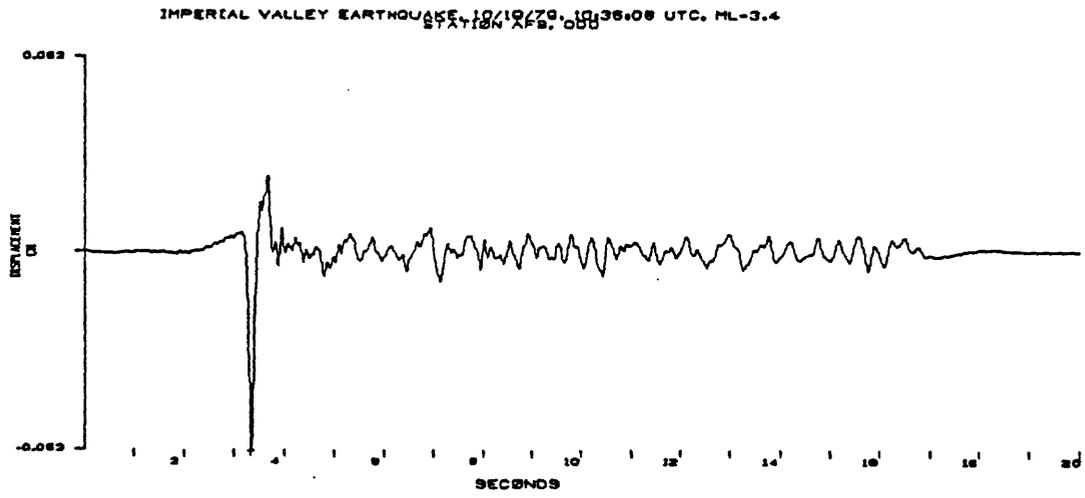
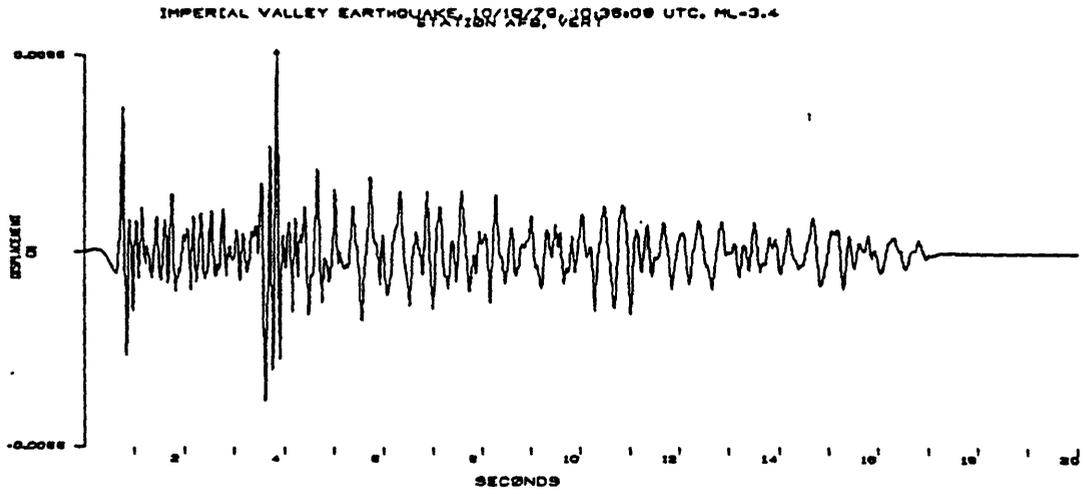


IMPERIAL VALLEY EARTHQUAKE, 10/19/79, 10:35:08 UTC, ML=3.4
STATION XFB, 008

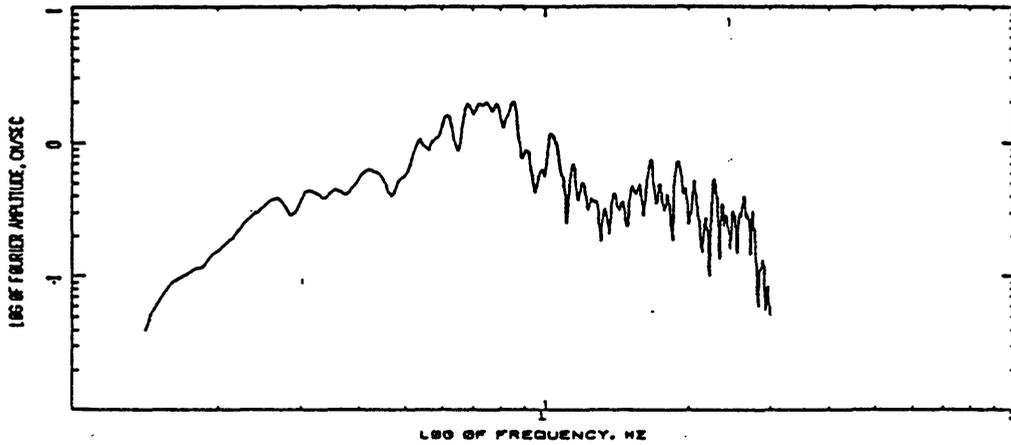


IMPERIAL VALLEY EARTHQUAKE, 10/19/79, 10:35:08 UTC, ML=3.4
STATION XFB, 270

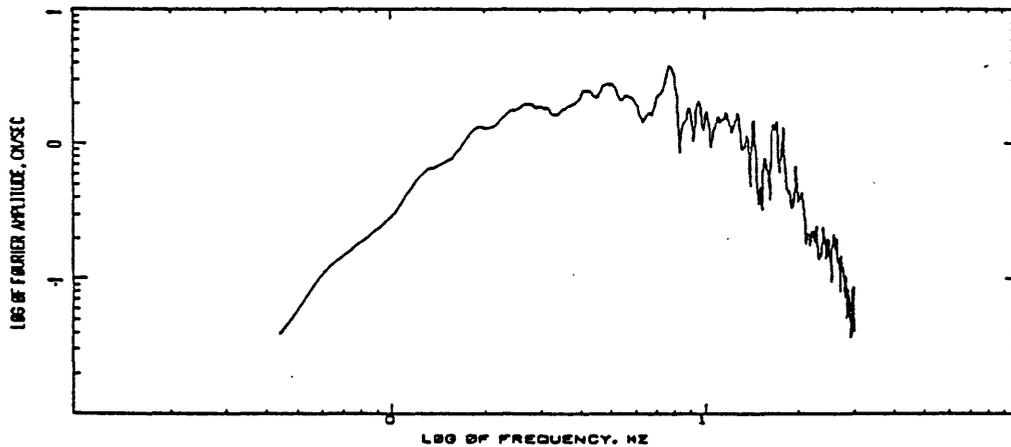




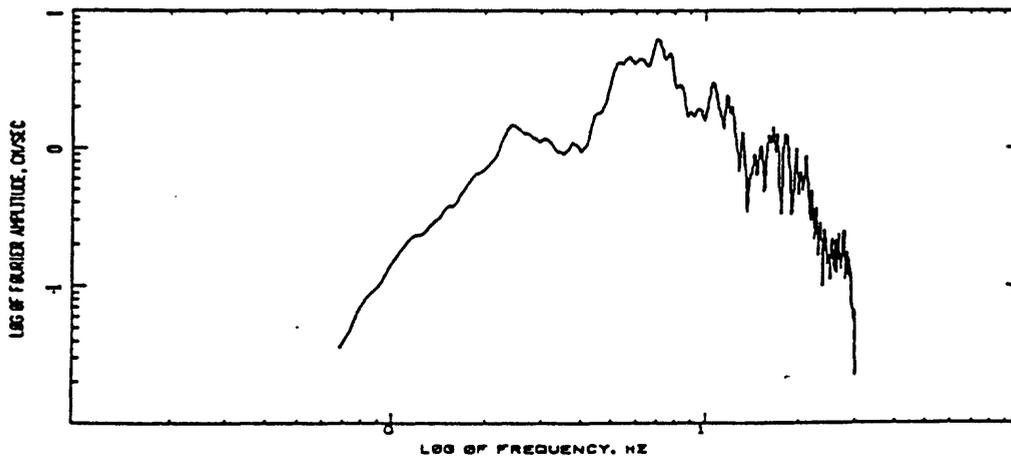
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:08:5 UTC, ML=3.4
STATION AFB, 370
COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NONOISE



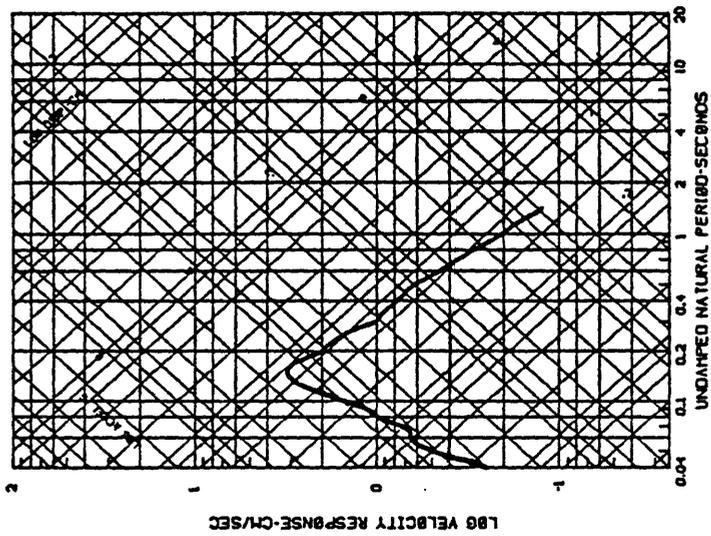
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:08:5 UTC, ML=3.4
STATION AFB, 370
COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NONOISE



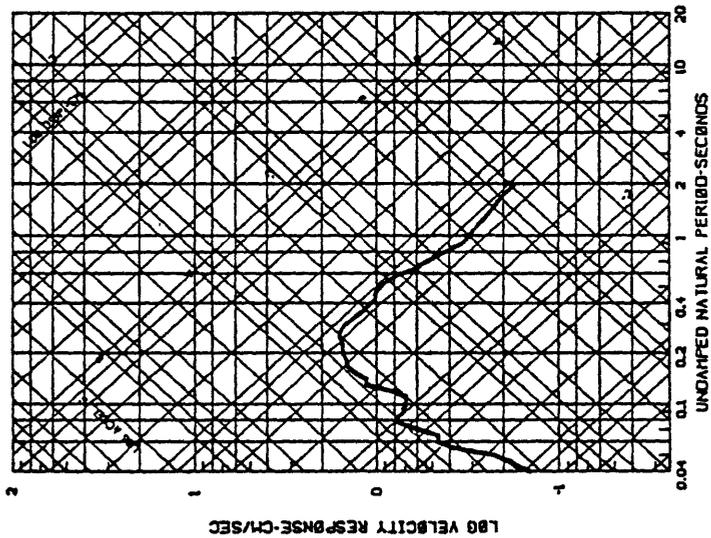
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:08:5 UTC, ML=3.4
STATION AFB, 370
COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NONOISE



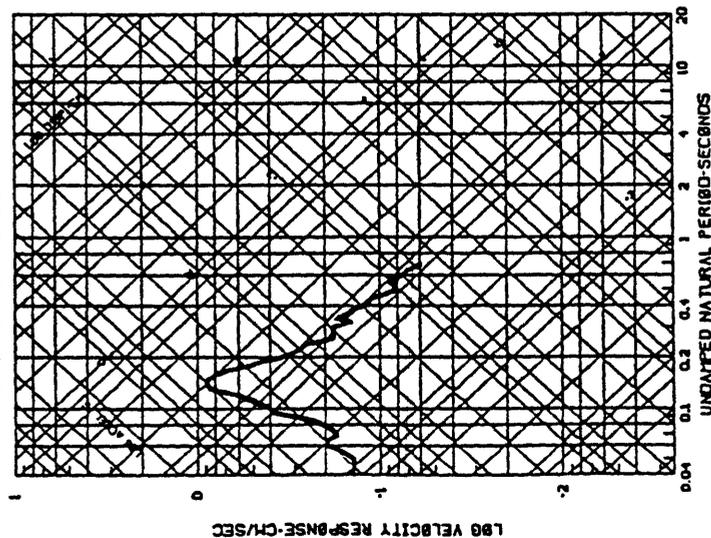
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION AFB, VERT
 5 PERCENT CRITICAL DAMPING



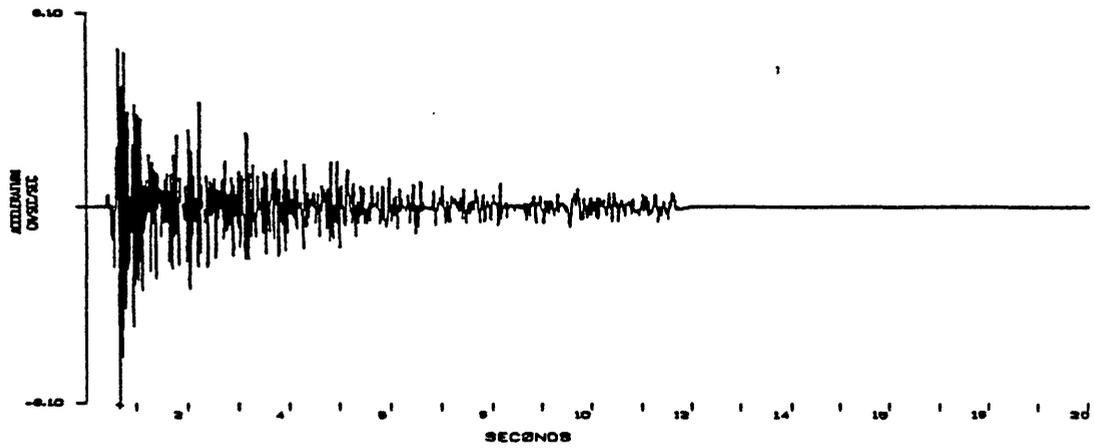
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



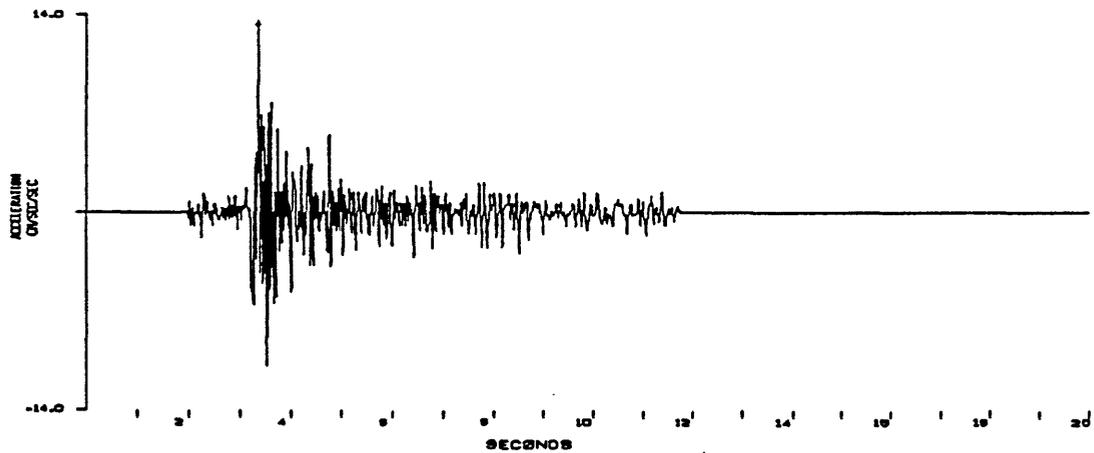
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION AFB, VERT
 5 PERCENT CRITICAL DAMPING



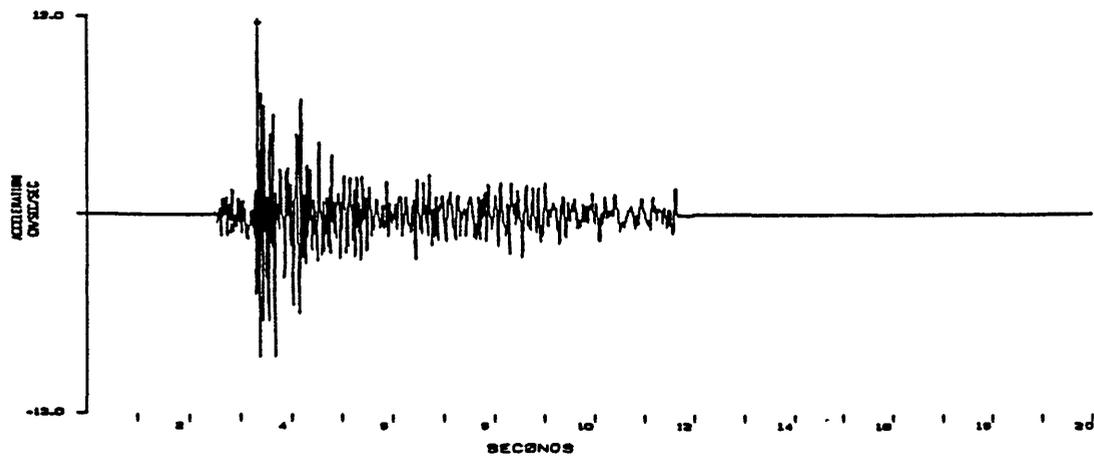
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35.08 UTC, ML-3.4
STATION CPG, VERT



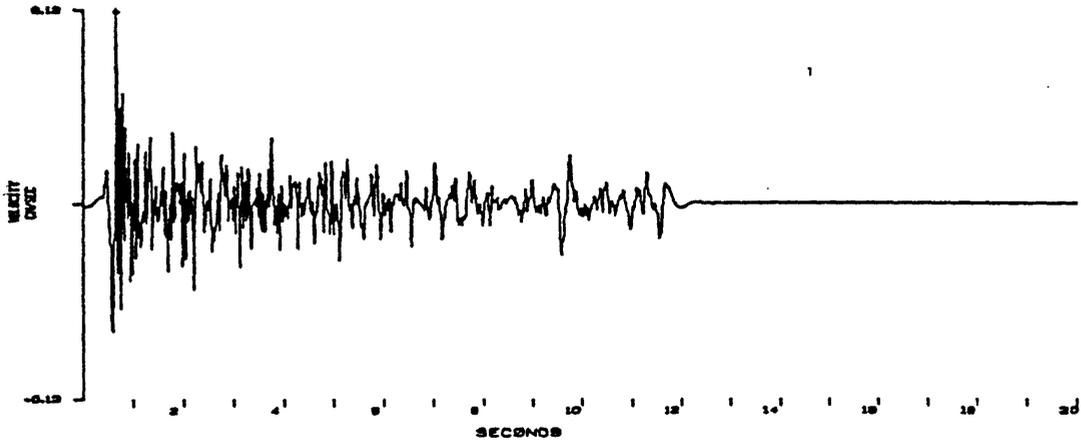
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35.08 UTC, ML-3.4
STATION CPG, OBB



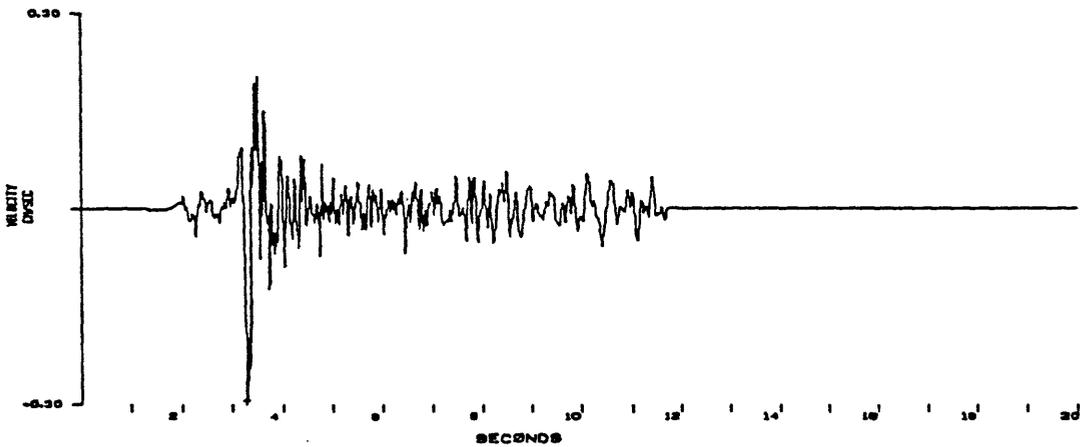
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35.08 UTC, ML-3.4
STATION CPG, OBB



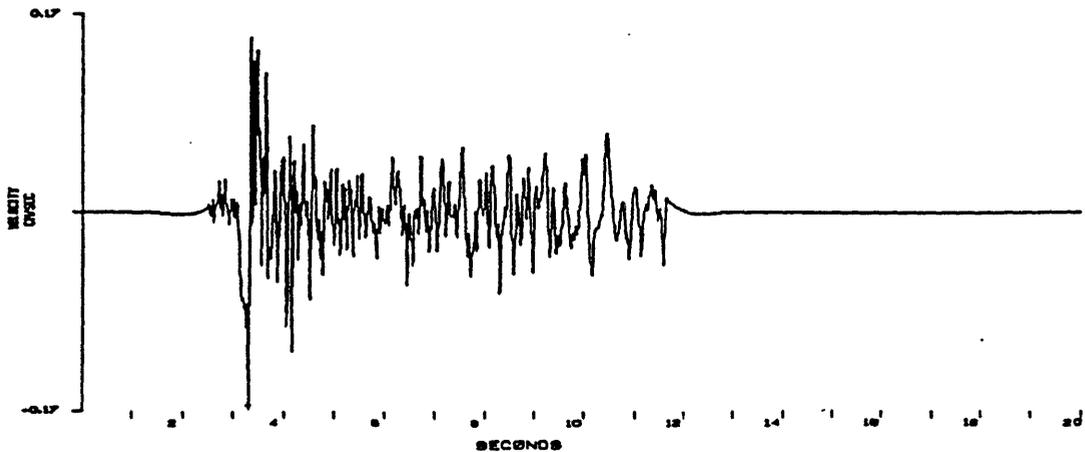
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION 20, 080



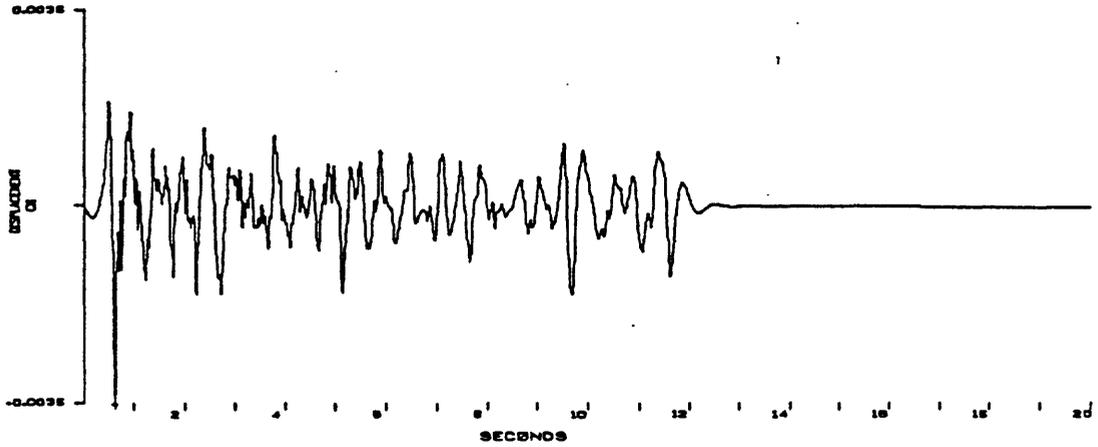
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION 20, 080



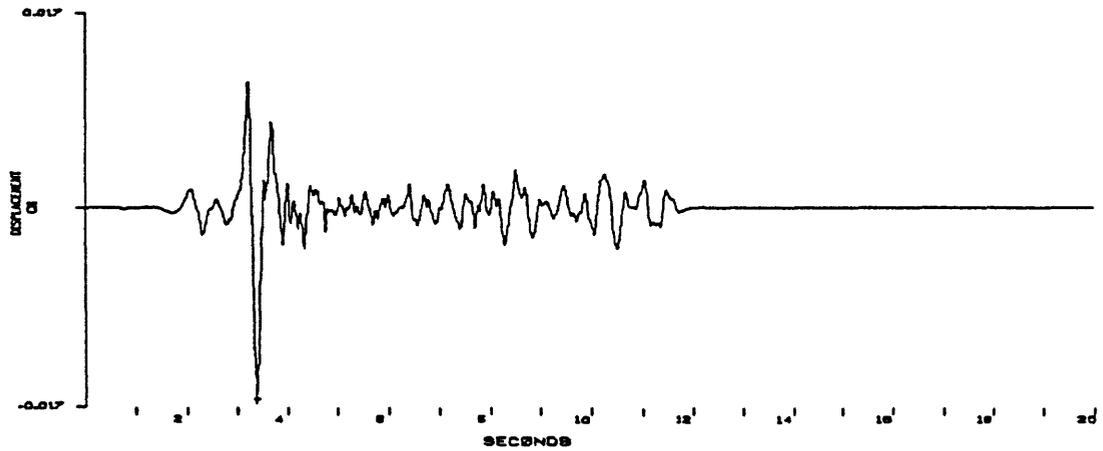
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION 20, 080



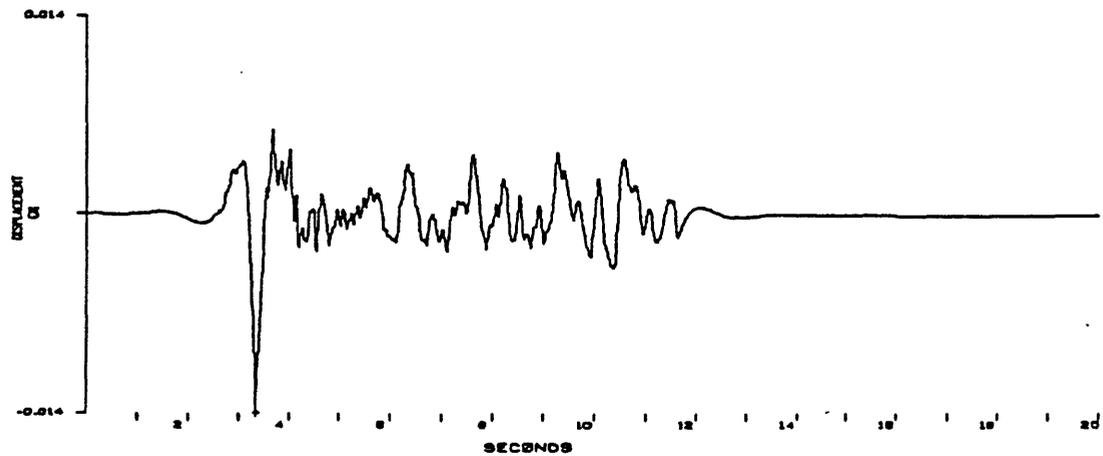
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION EFG, VERT



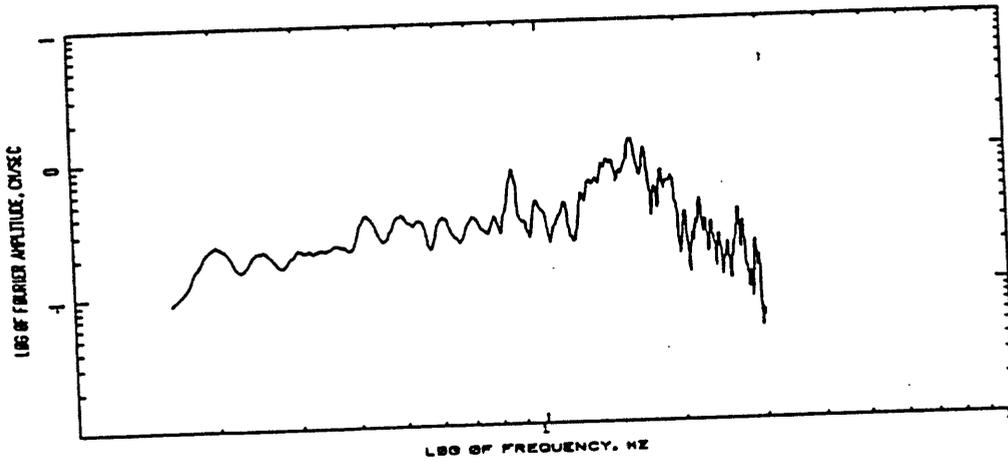
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION EFG, OBB



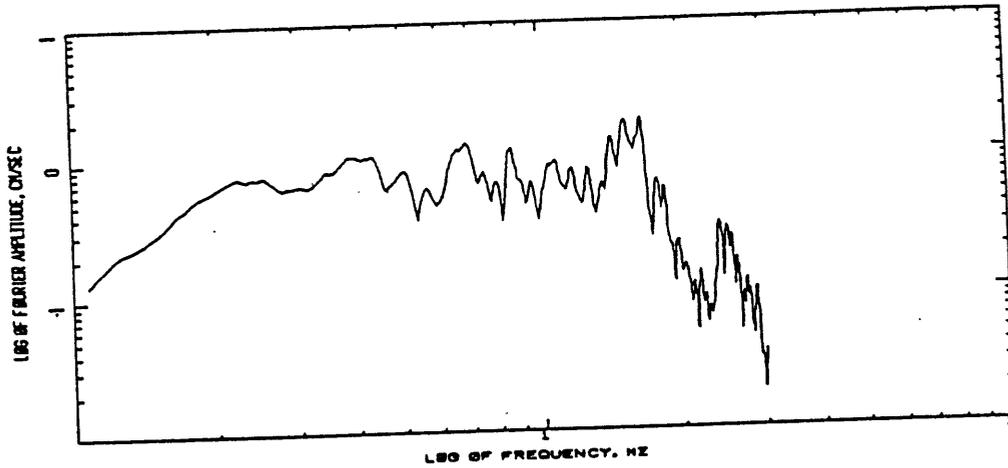
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION EFG, OBB



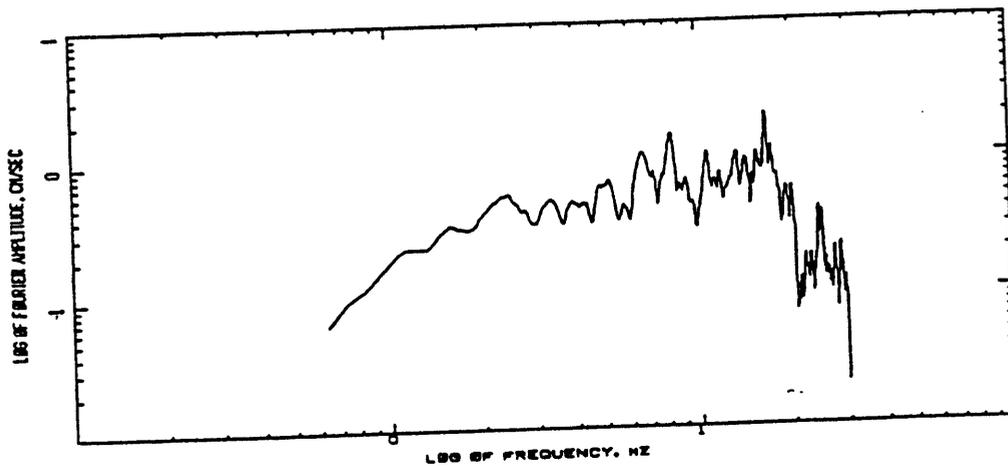
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/75, 10:05:55 DTC. MC-3.4
COMPUTING OPTIONS - ZCRSS.SMOBTKIO.NONISE



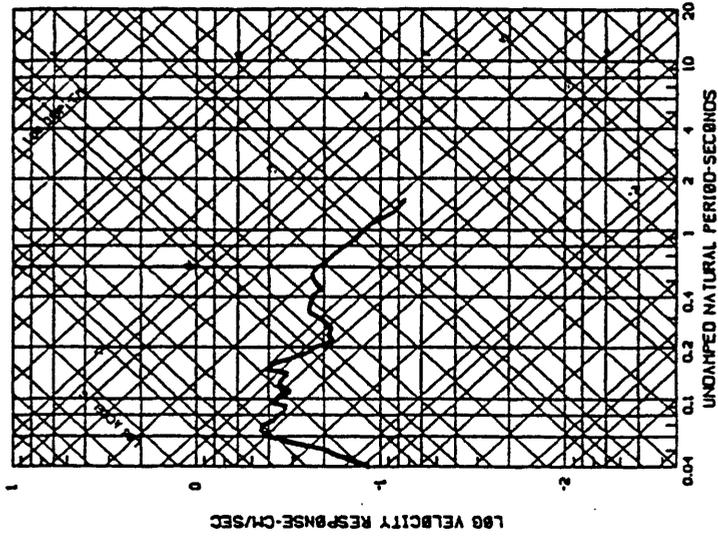
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/75, 10:05:55 DTC. MC-3.4
COMPUTING OPTIONS - ZCRSS.SMOBTKIO.NONISE



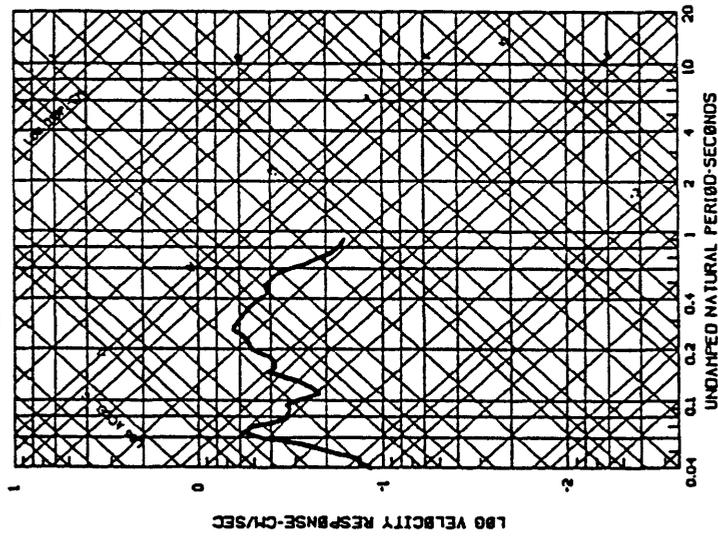
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/75, 10:05:55 DTC. MC-3.4
COMPUTING OPTIONS - ZCRSS.SMOBTKIO.NONISE



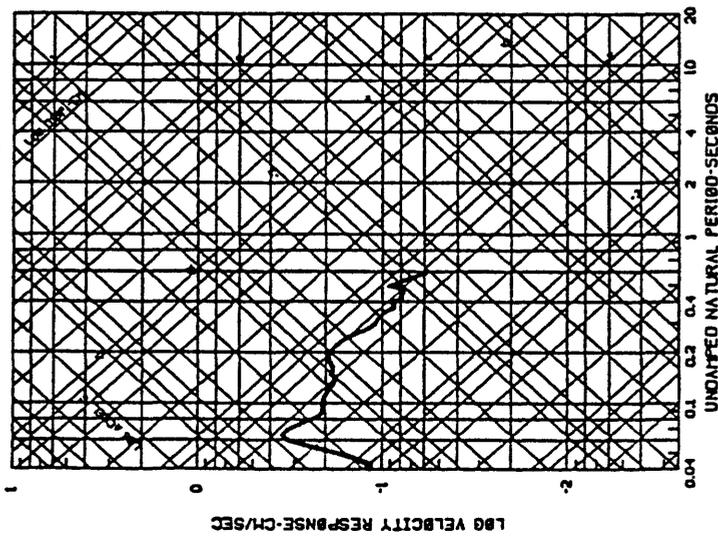
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



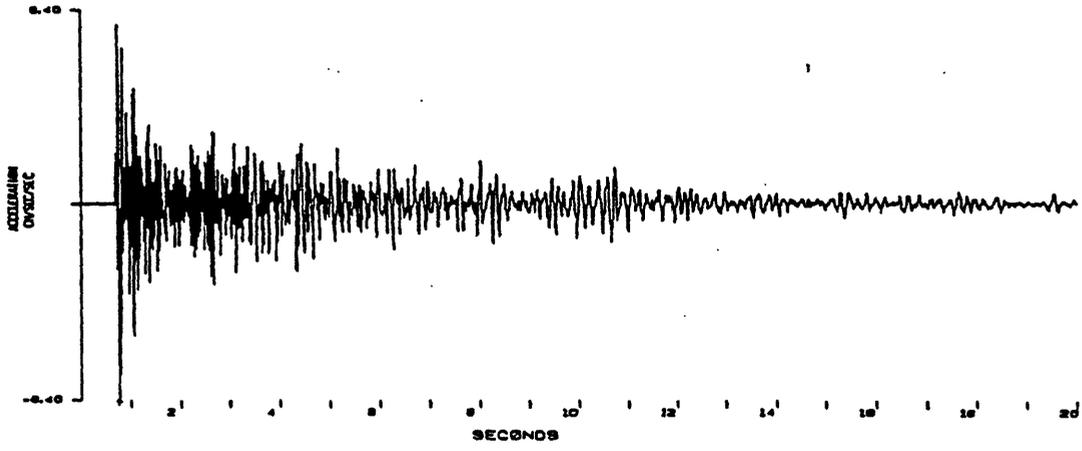
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



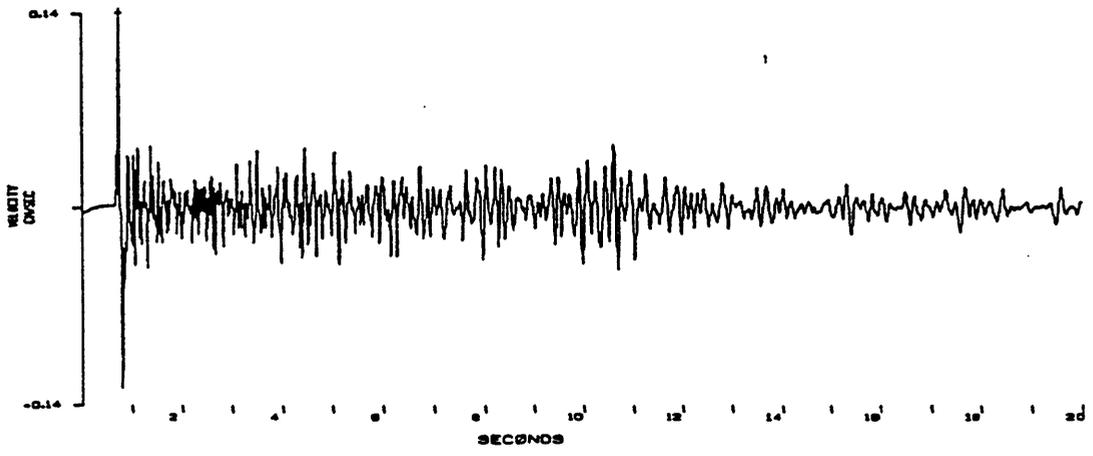
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



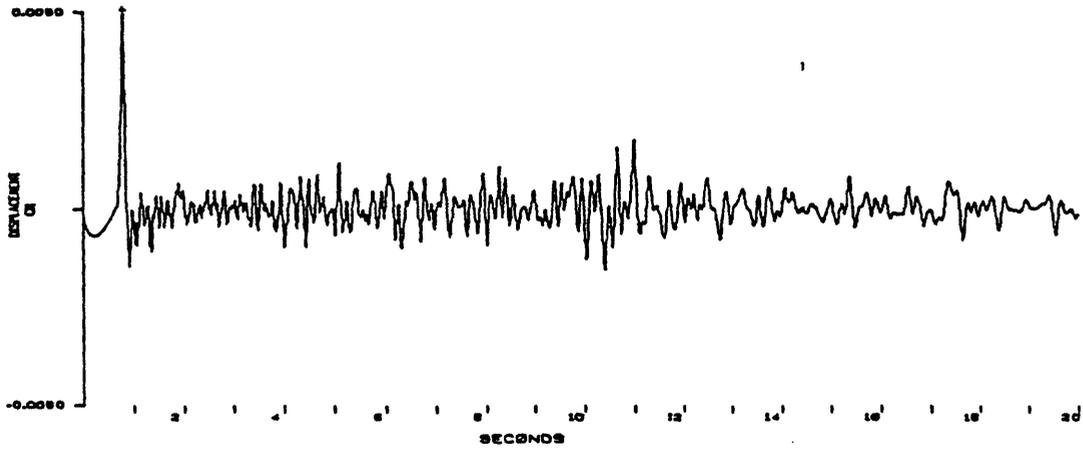
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:05:08 UTC, ML-3.4
STATION CHK, VERY



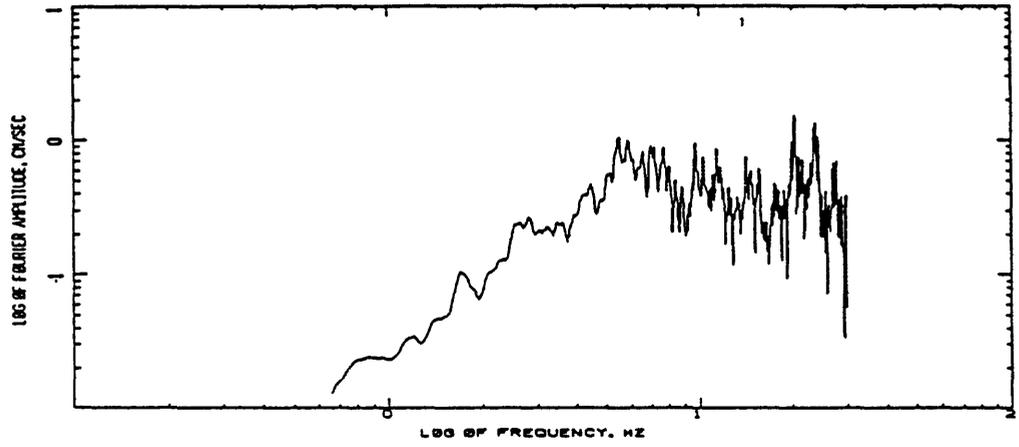
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 12:06:00 UTC. ML-3.4
STATION: 2R1



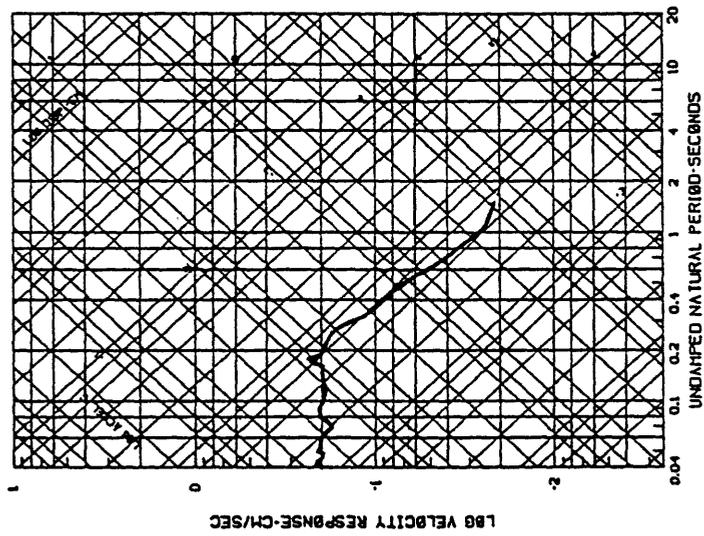
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:08:08 UTC, ML-5.4
STATION CRK, VER



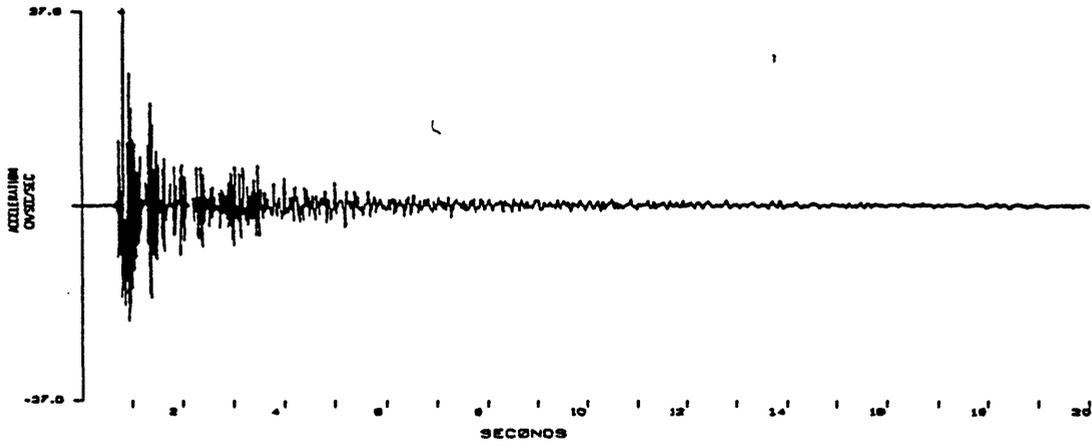
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/78, 0.5-0.5 SEC. PER DIV. 14-3.4
STATION: PK-068
COMPUTING OPTIONS: Z-CROSS, SMOO, KWIO, NENBISE



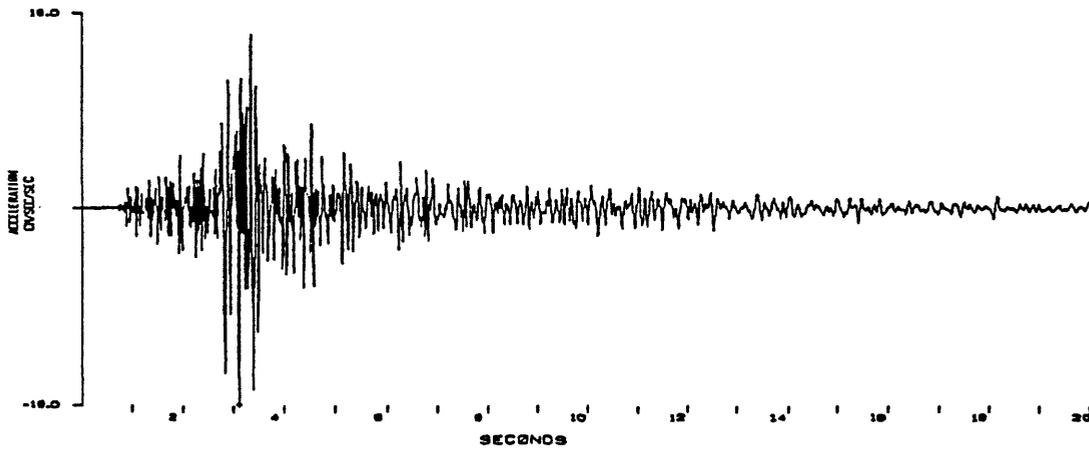
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79, ID: 35508 UTC, NL-3.4
 STATION CRK VERT
 5 PERCENT CRITICAL DAMPING



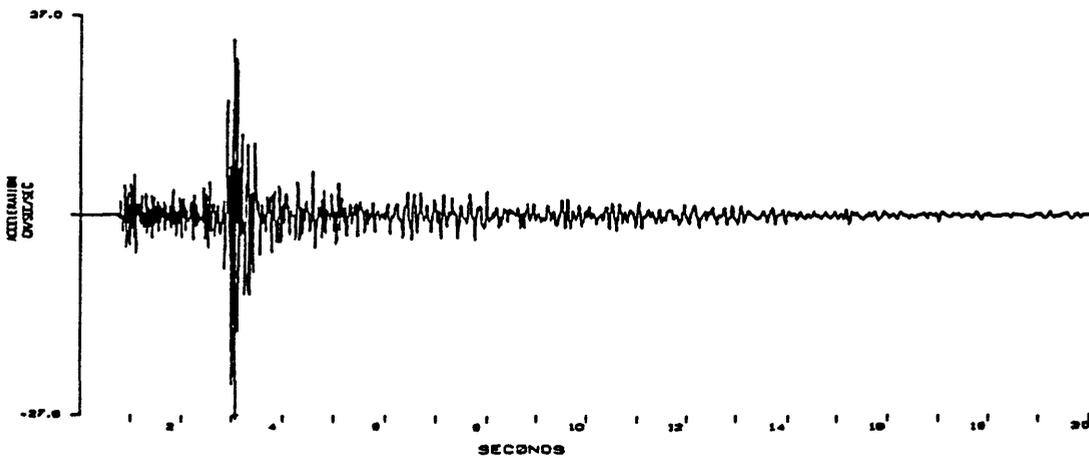
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:05:00 UTC, ML-3.4
STATION FBR, VERT



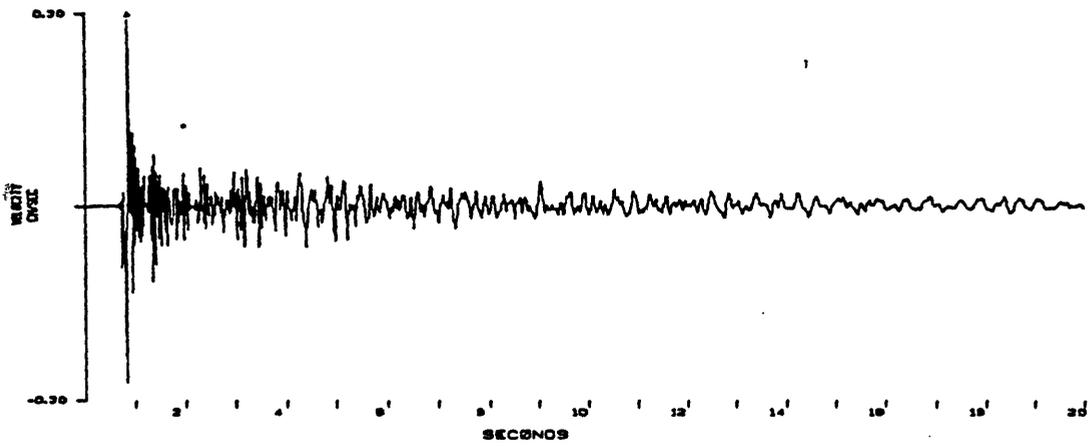
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION FBR, HOR



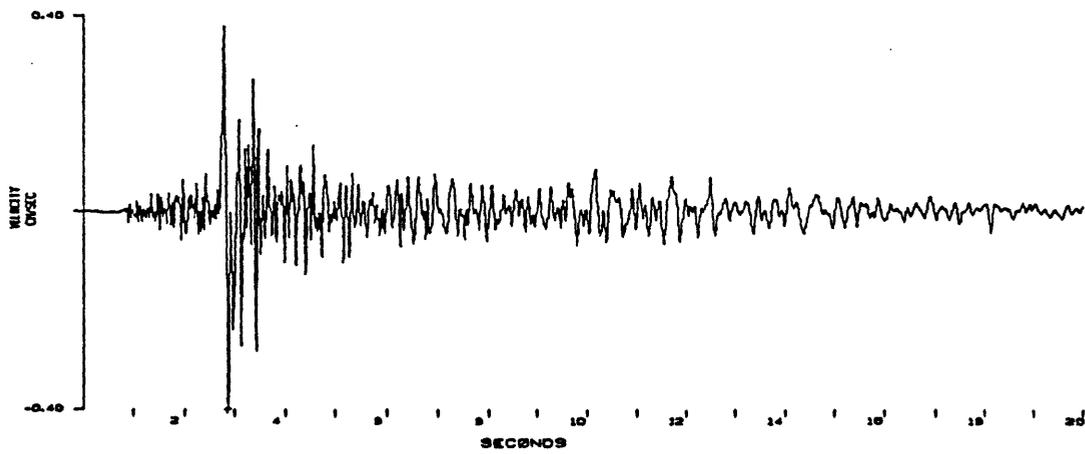
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION FBR, 200



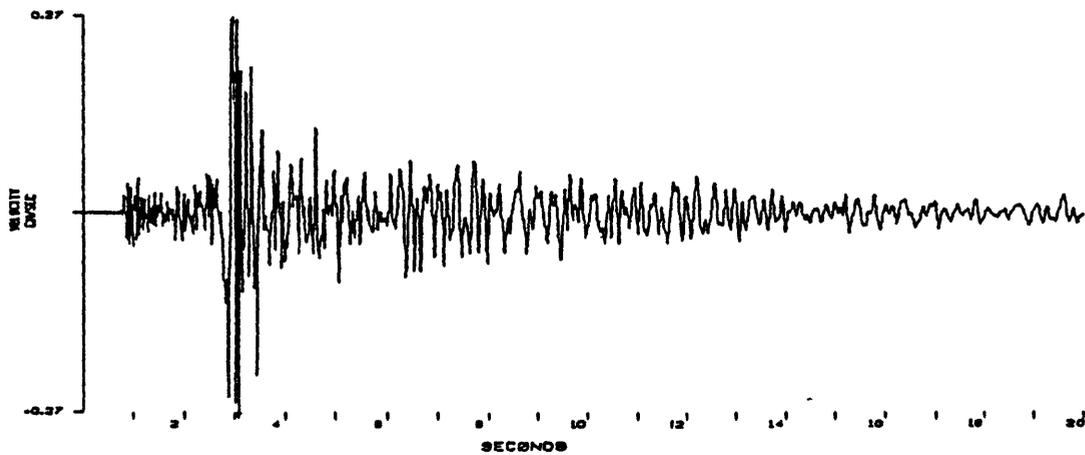
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:05:00 UTC, ML-3.4
STATION FBR, 228



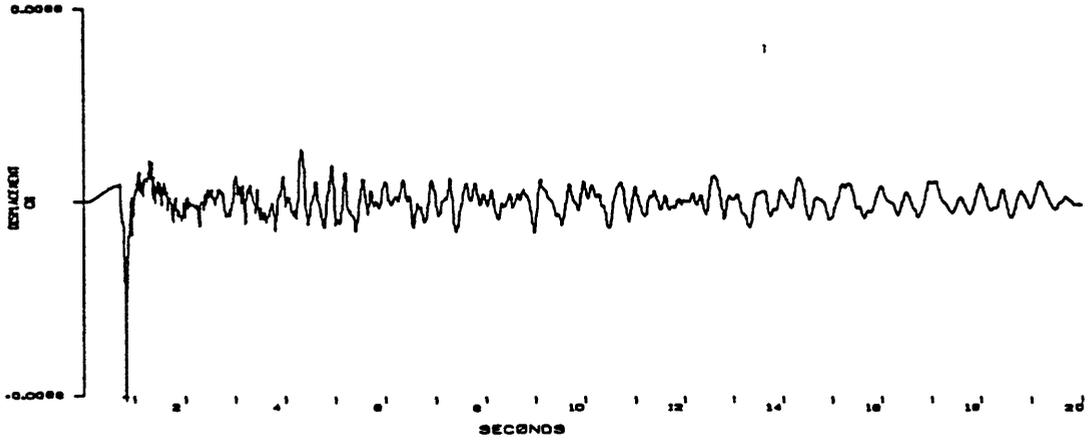
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION FBR, 008



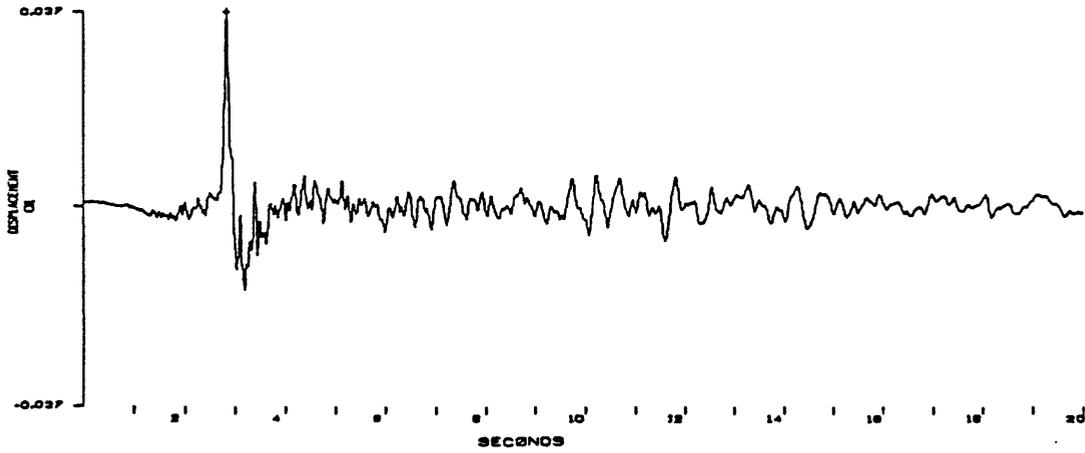
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:36:00 UTC, ML-3.4
STATION FBR, 278



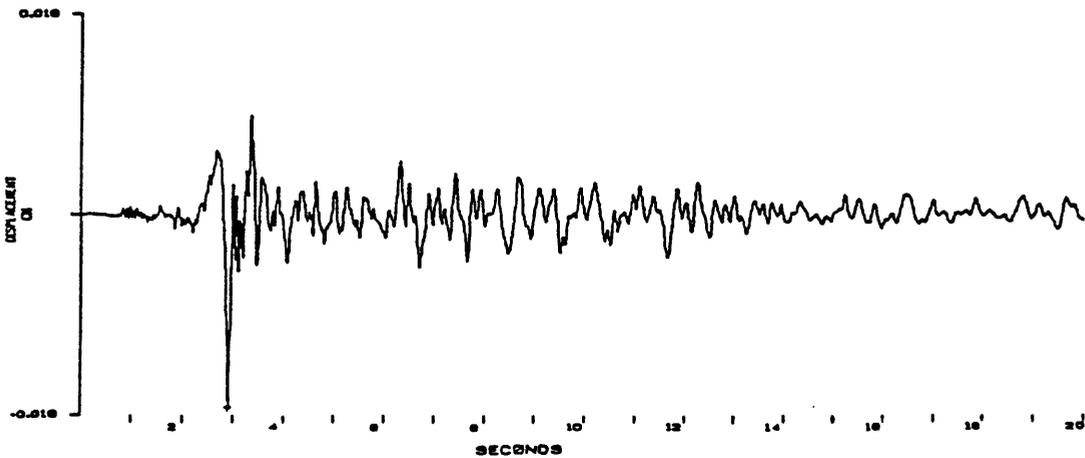
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION: FBR, 000



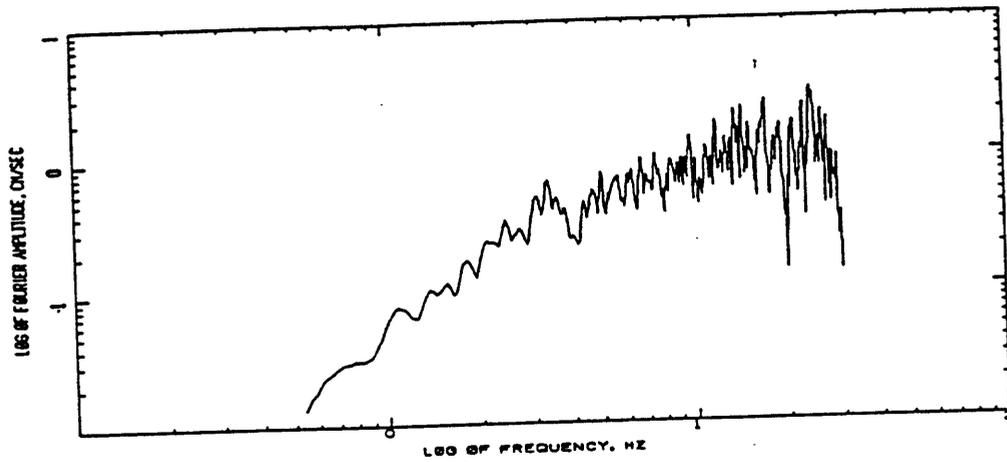
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION: FBR, 000



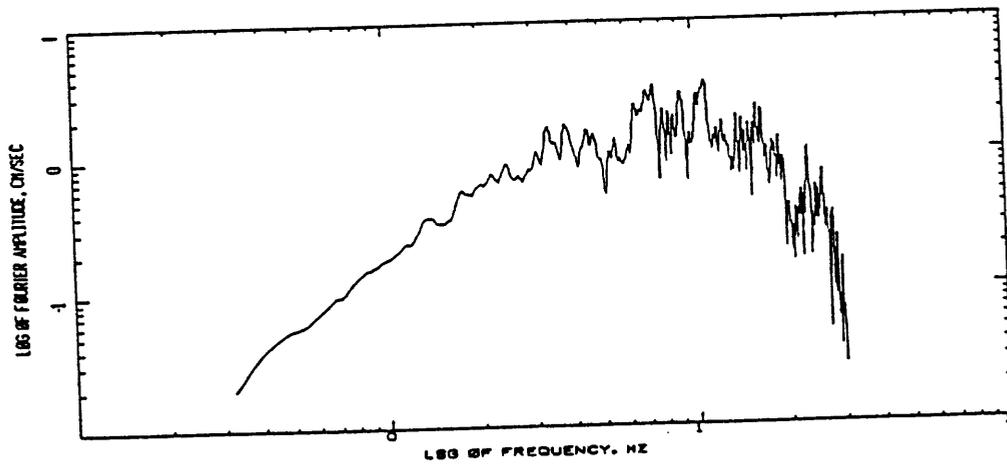
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION: FBR, 270



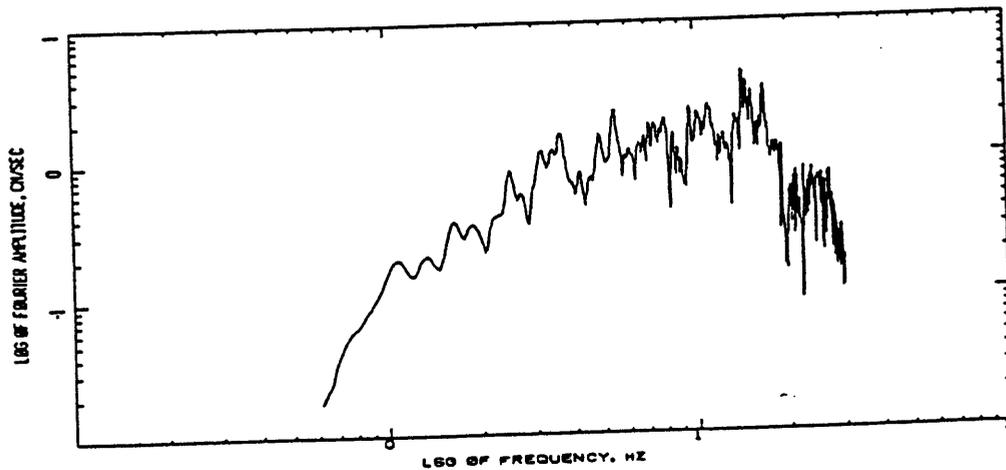
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 0.13605 DYC, HL-3.4
STATION: 1276, 104
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBIS



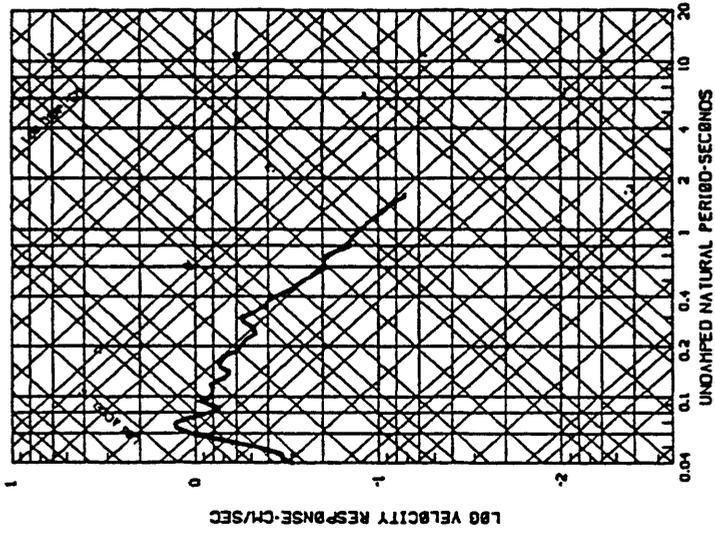
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 0.13605 DYC, HL-3.4
STATION: 1276, 104
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBIS



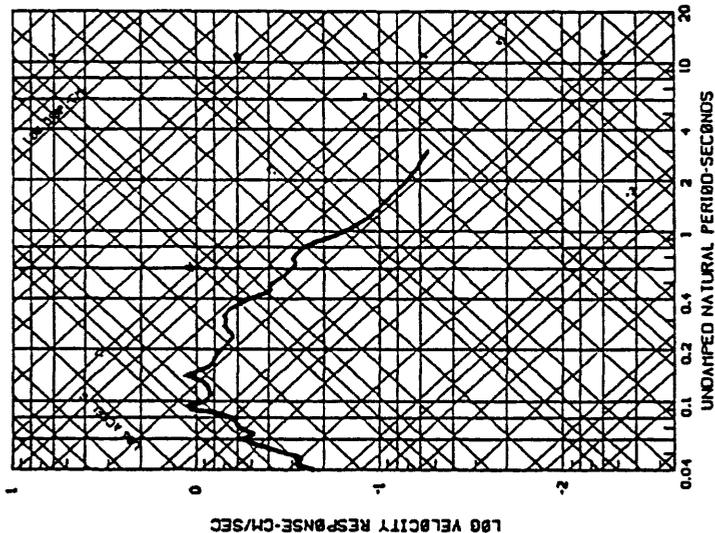
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 0.13605 DYC, HL-3.4
STATION: 1276, 104
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBIS



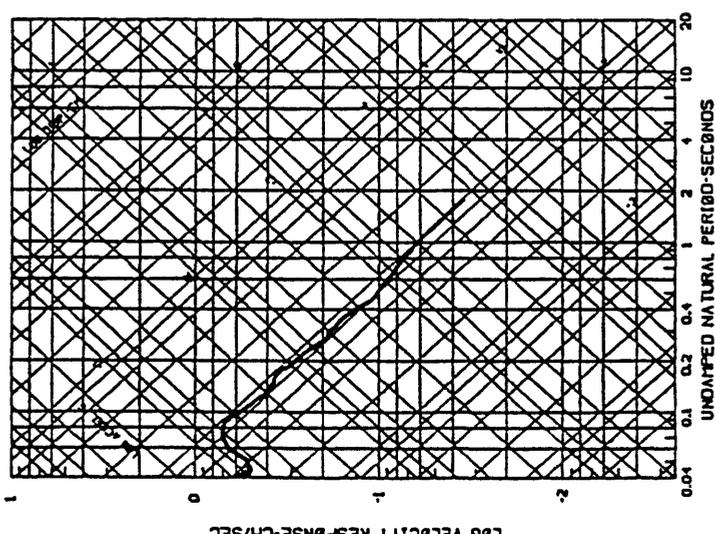
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFB 270
 5 PERCENT CRITICAL DAMPING



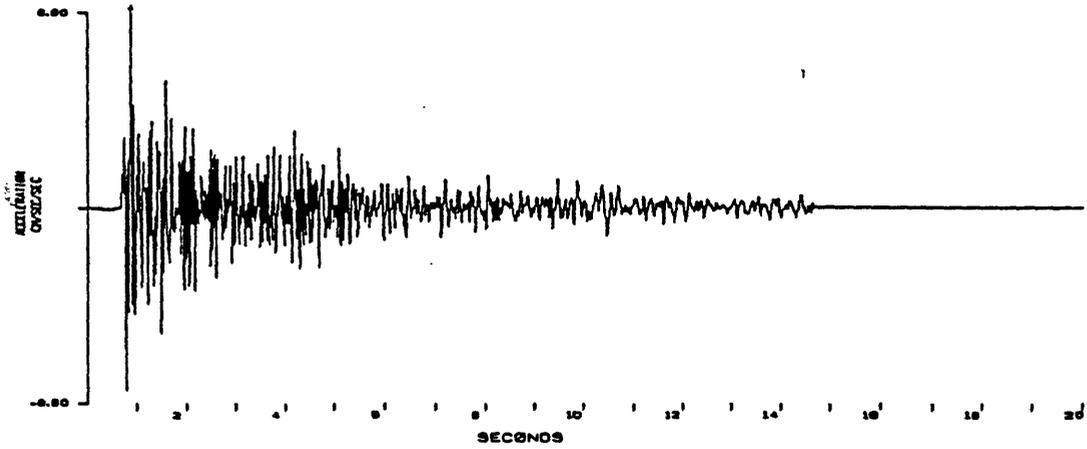
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFB 000
 5 PERCENT CRITICAL DAMPING



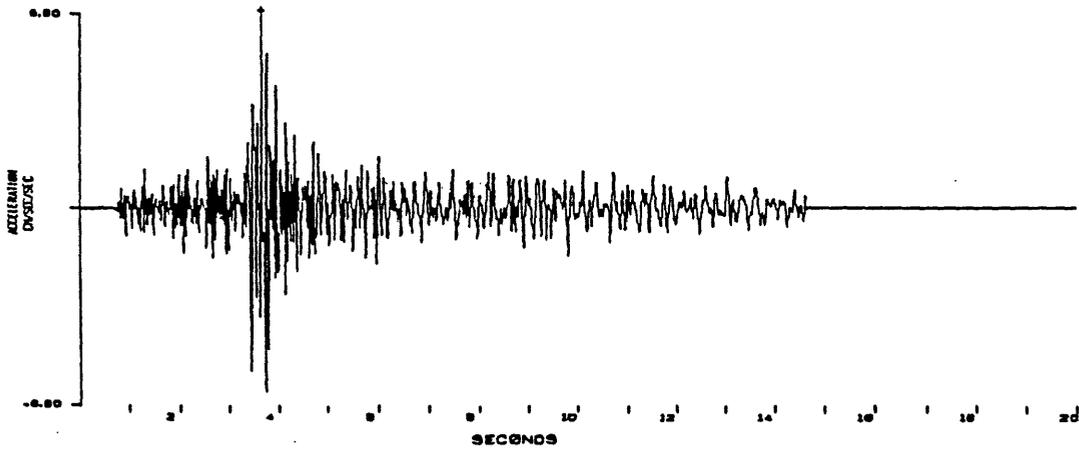
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFB 400
 5 PERCENT CRITICAL DAMPING



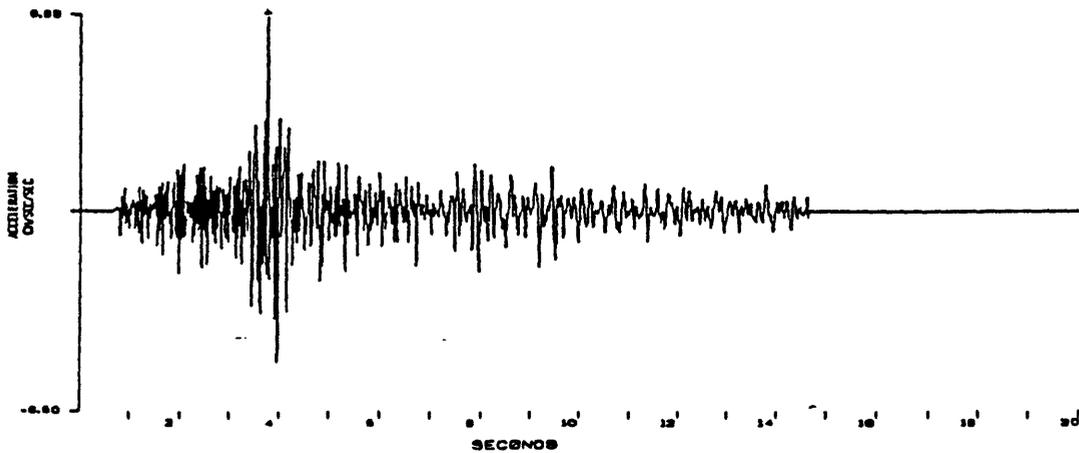
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION ORS, 0281



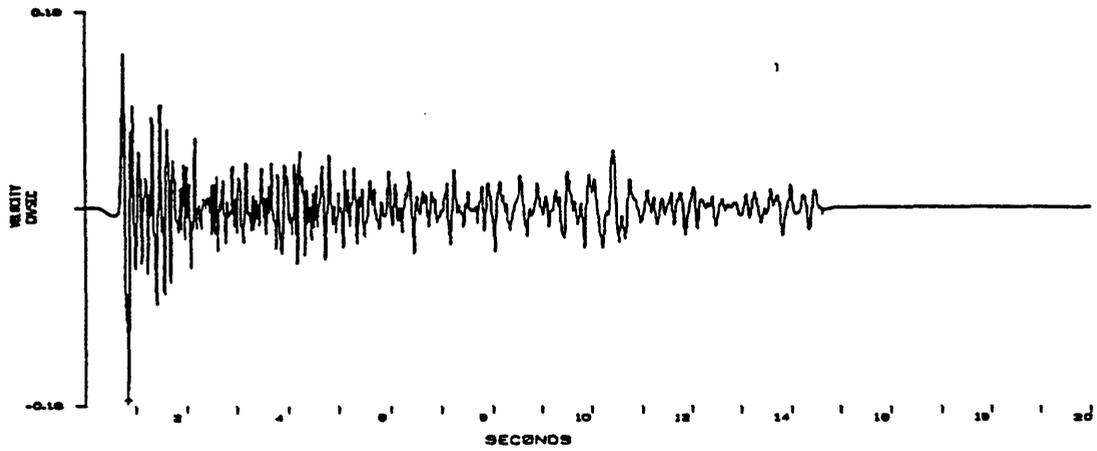
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION ORS, 000



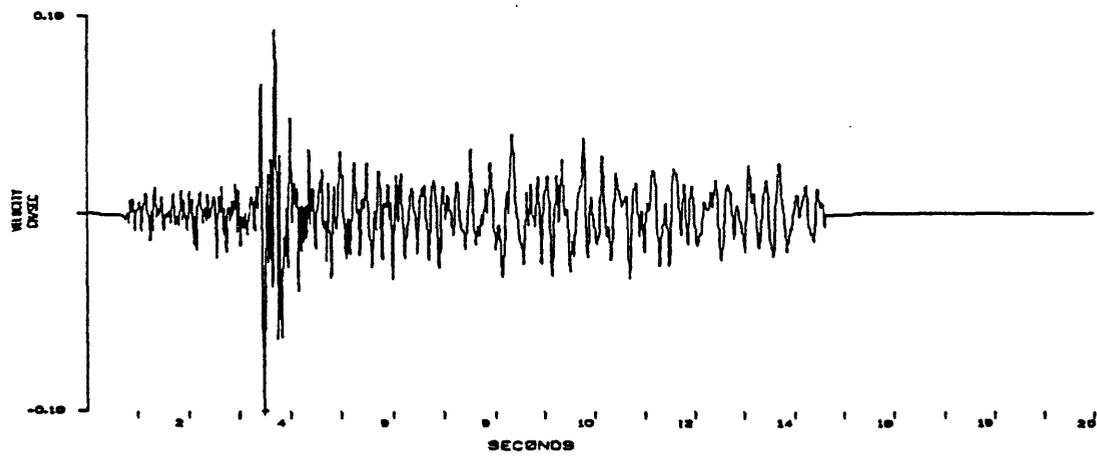
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION ORS, 270



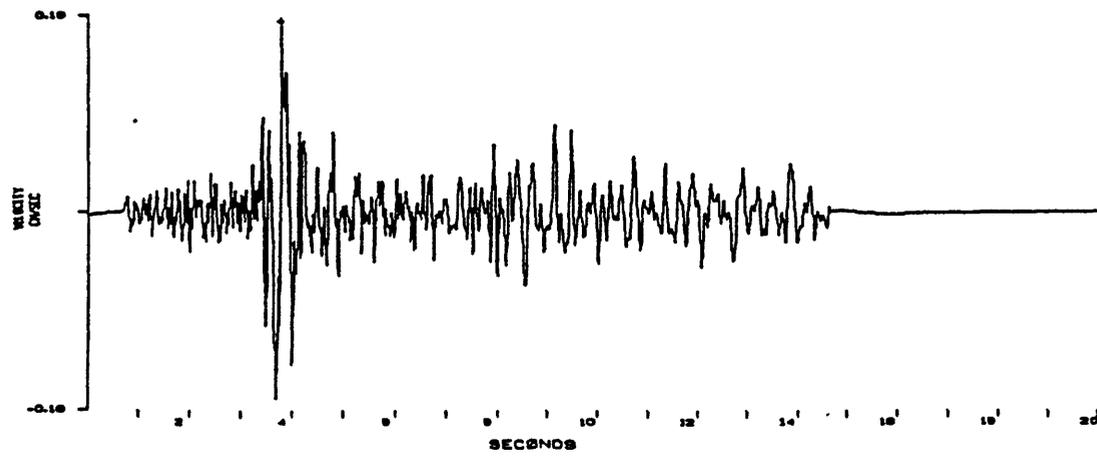
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 028



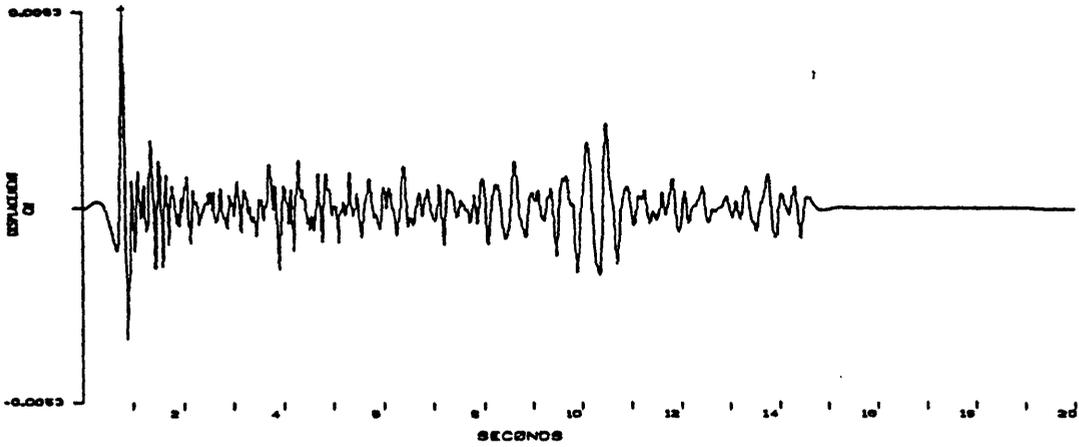
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 028



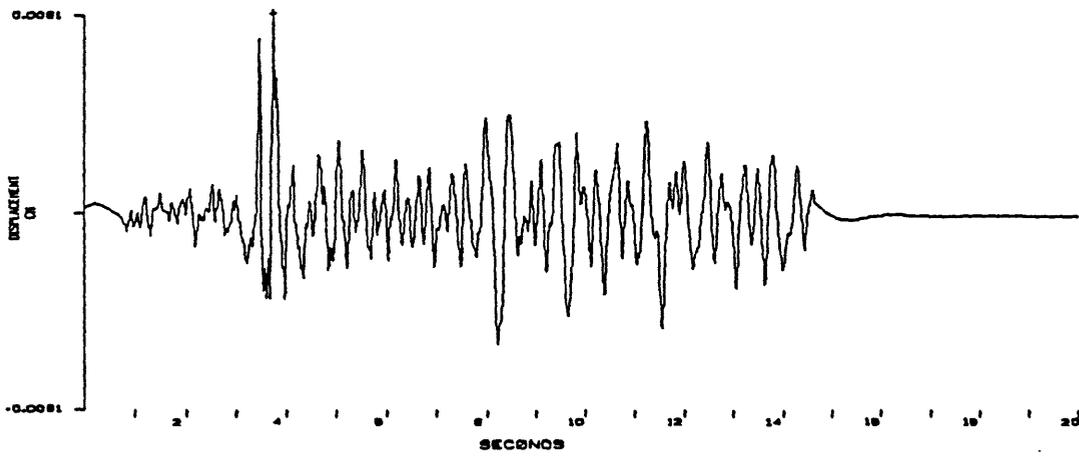
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 278



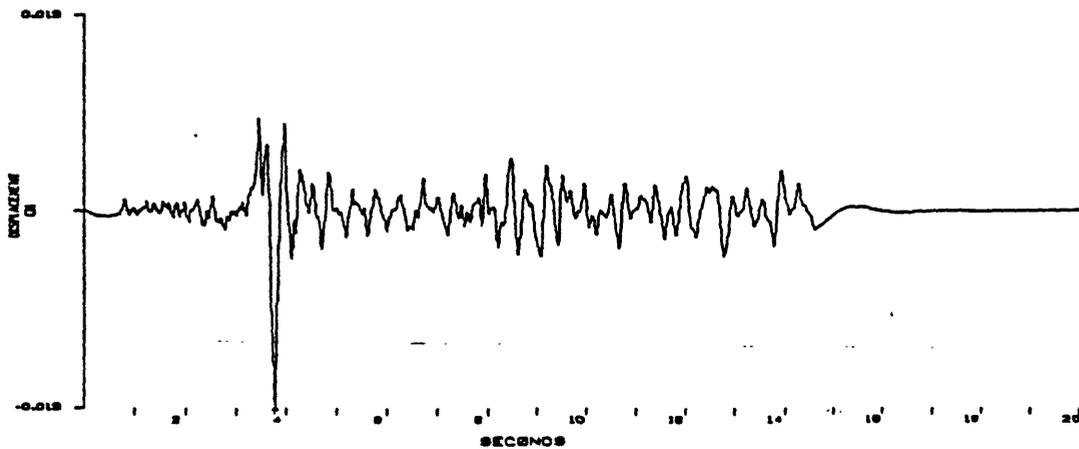
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GR2, 0281



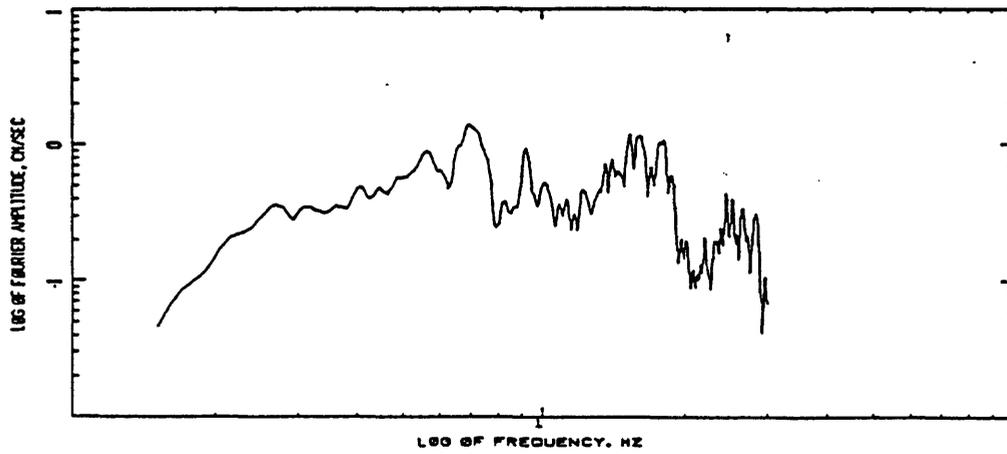
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GR2, 0282



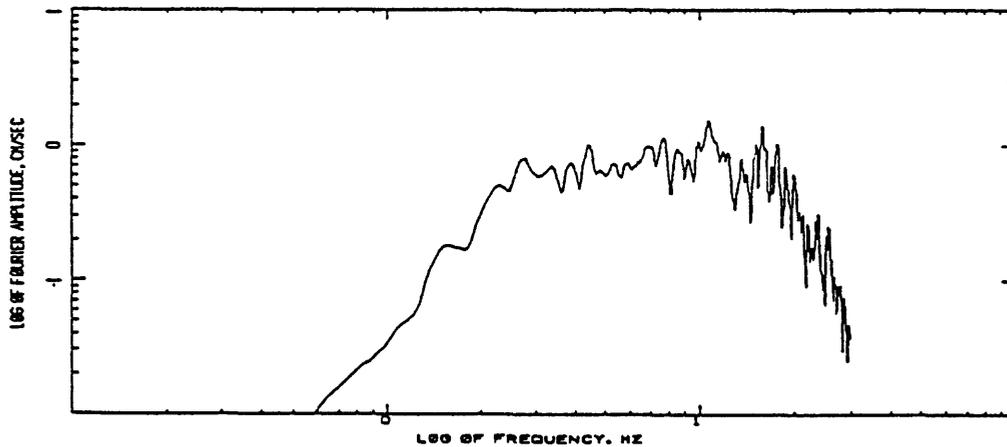
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GR2, 0283



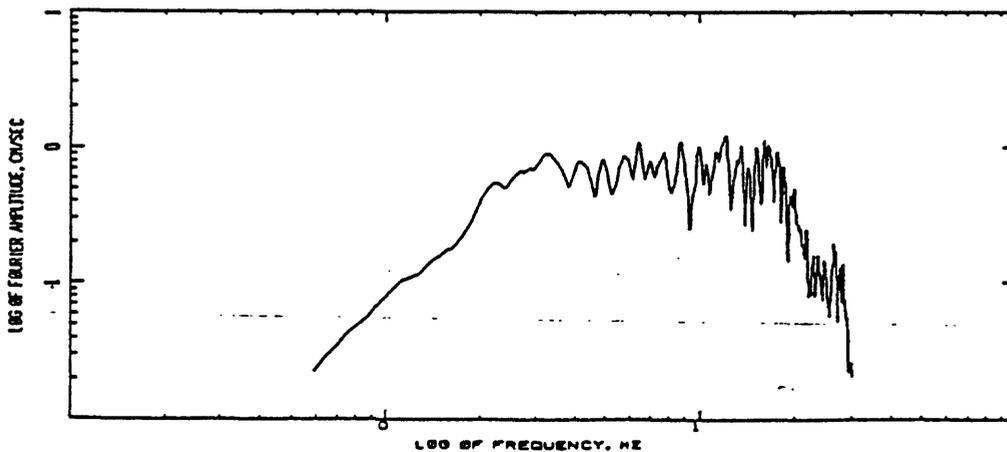
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10.35.05 DTG, HL-3.4
STATION: 883, 700
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



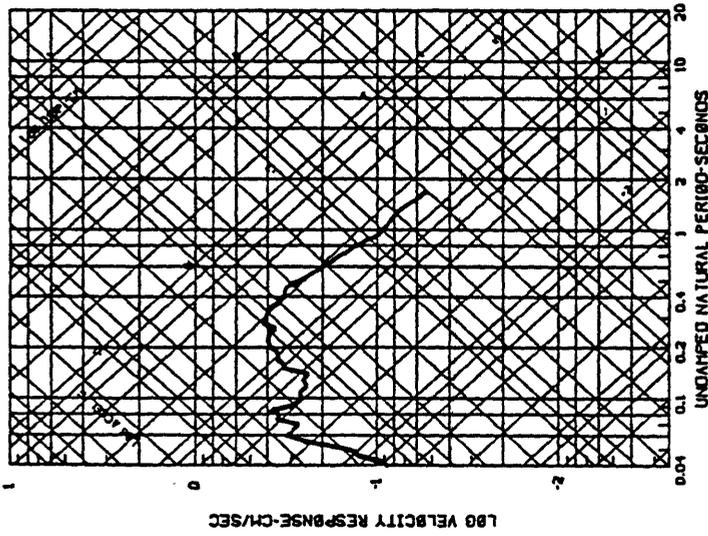
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10.35.05 DTG, HL-3.4
STATION: 883, 700
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



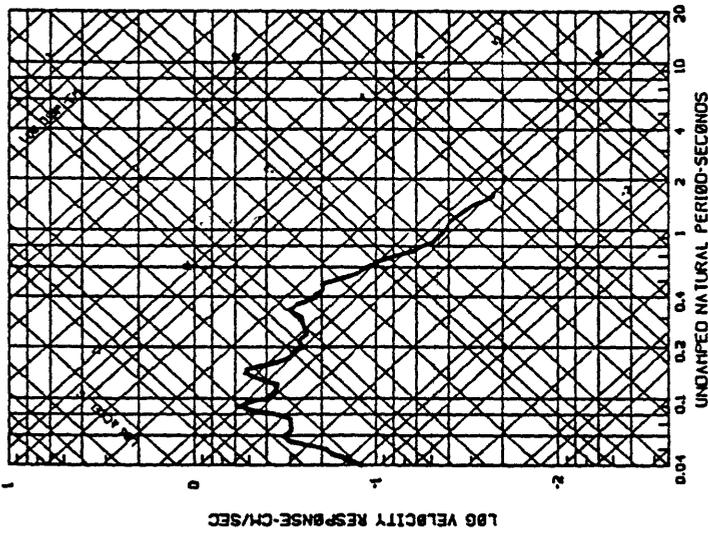
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10.35.05 DTG, HL-3.4
STATION: 883, 700
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



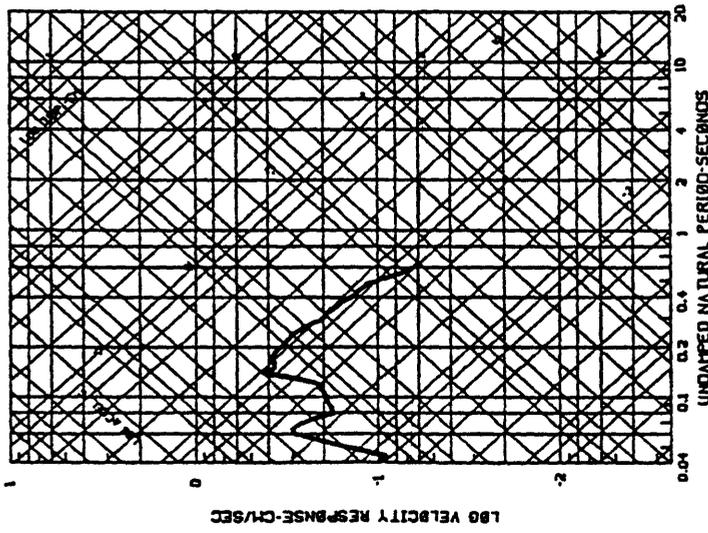
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/18/79, 03-3508 UTC, NL-3.4
 STATION 00
 5 PERCENT CRITICAL DAMPING



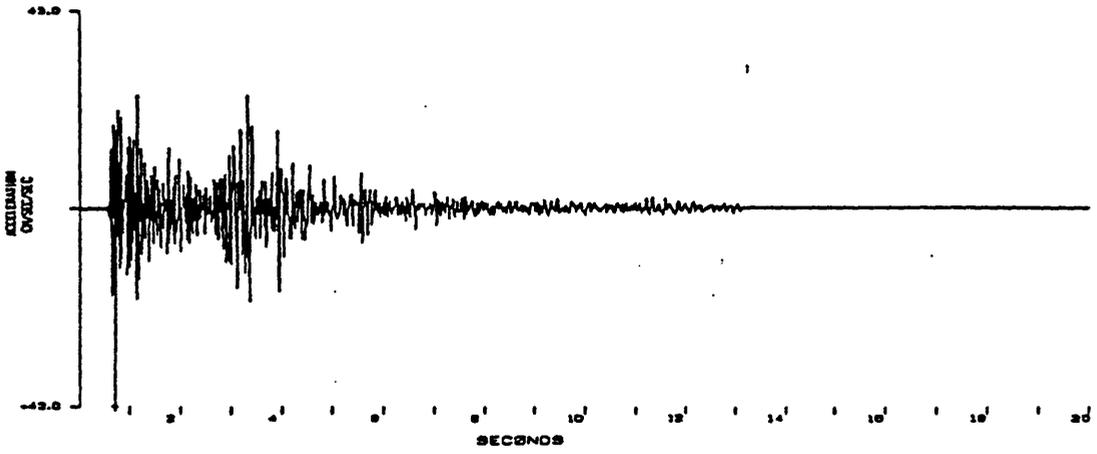
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/18/79, 03-3508 UTC, NL-3.4
 STATION 01
 5 PERCENT CRITICAL DAMPING



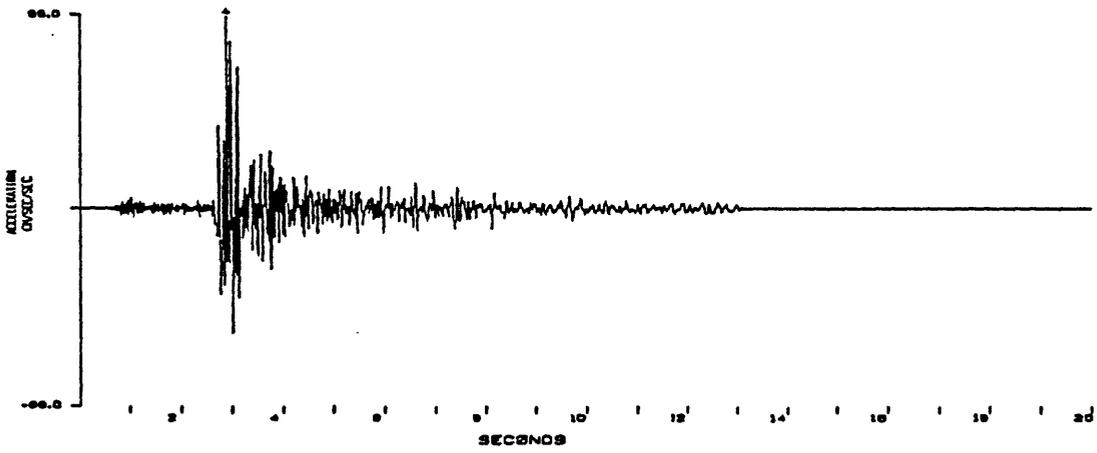
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/18/79, 03-3508 UTC, NL-3.4
 STATION 02
 5 PERCENT CRITICAL DAMPING



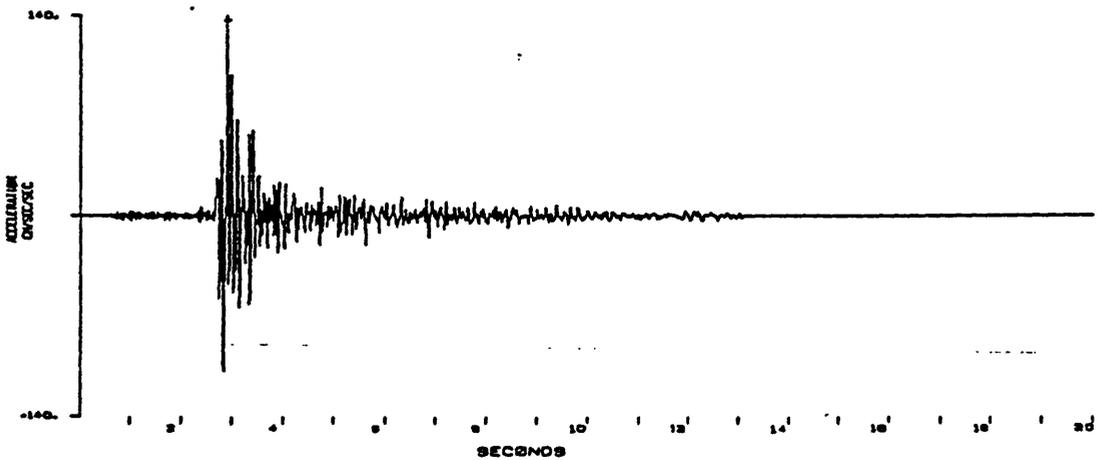
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1936.8 UTC, ML-3.4
STATION RVR, 0681



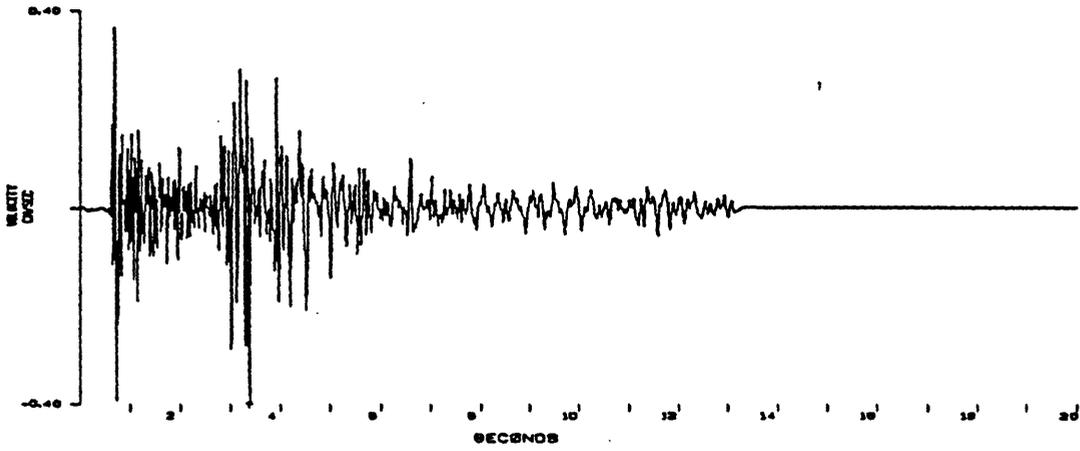
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1936.8 UTC, ML-3.4
STATION RVR, 280



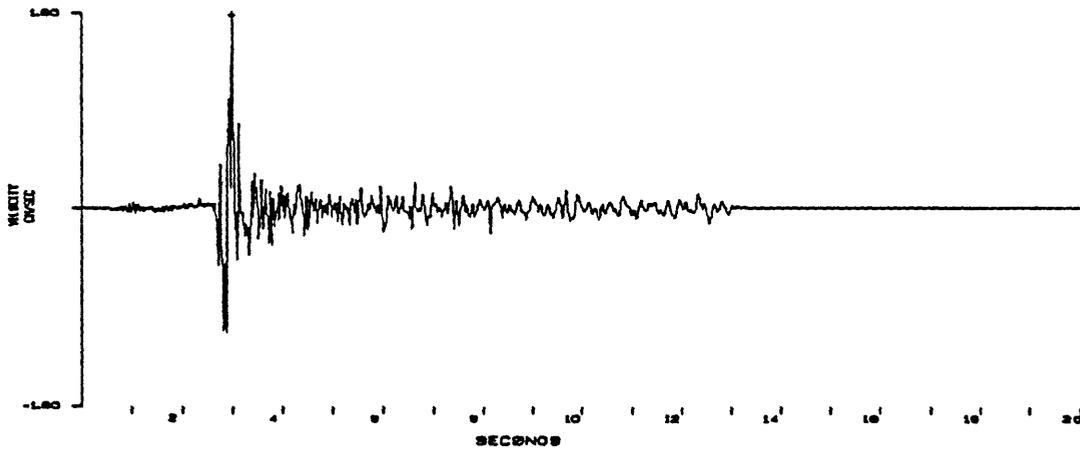
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1936.8 UTC, ML-3.4
STATION RVR, 008



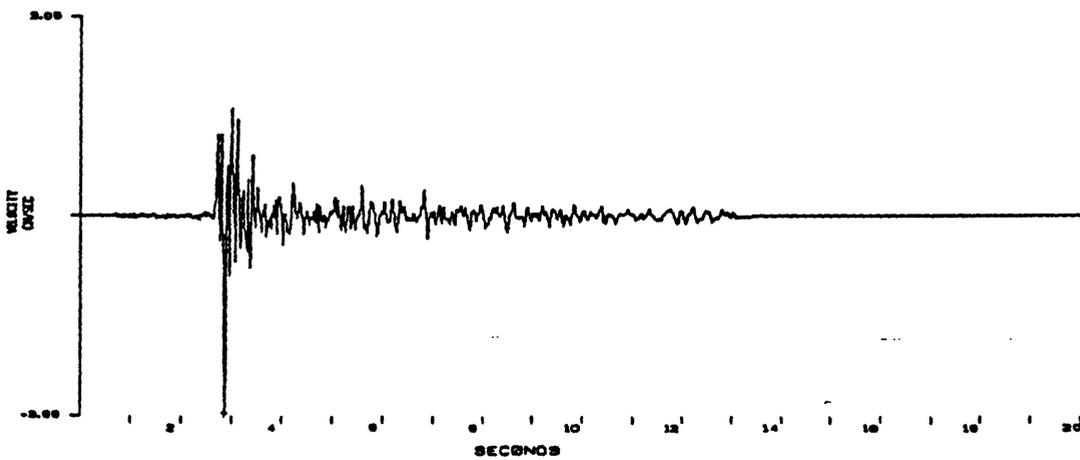
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, VERT



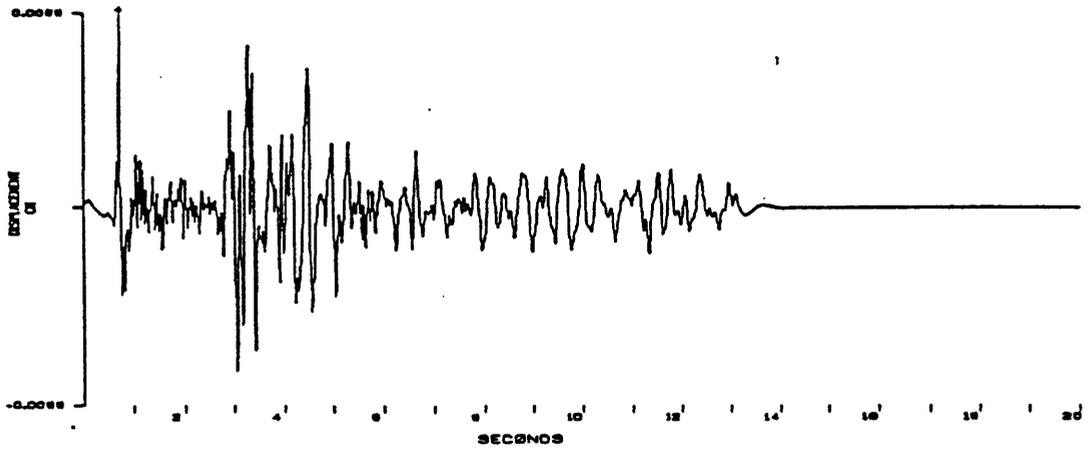
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 270



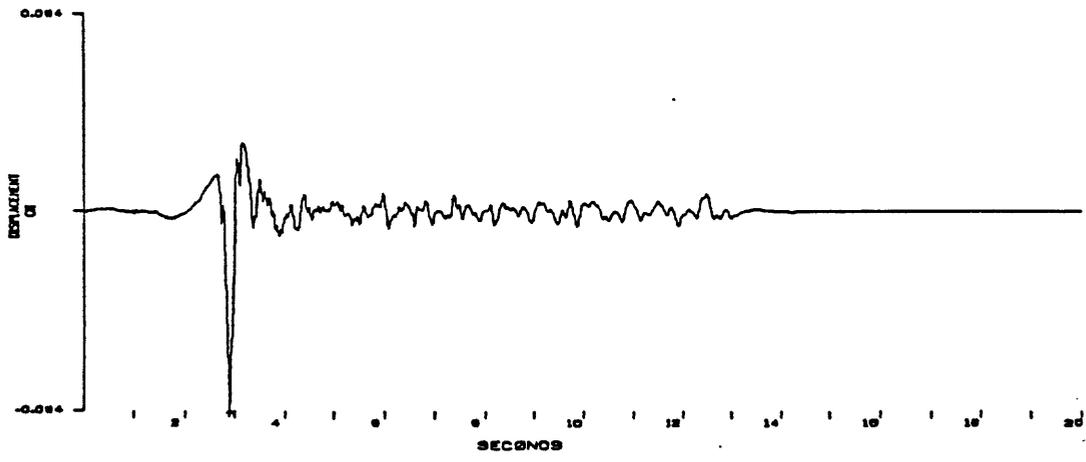
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 000



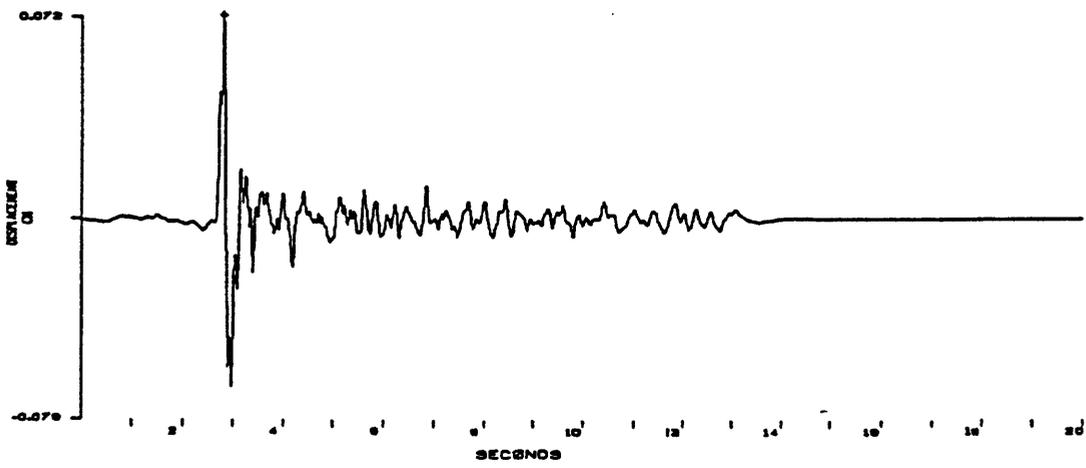
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION KVR, VERT



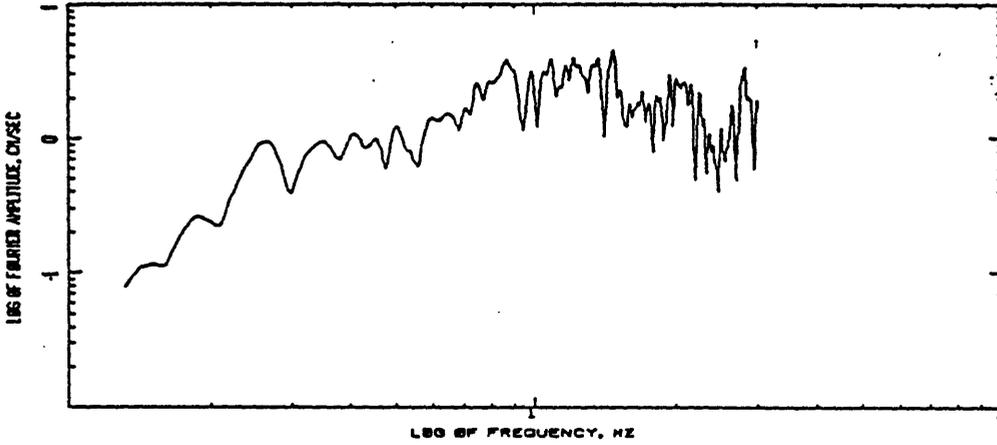
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION KVR, 270



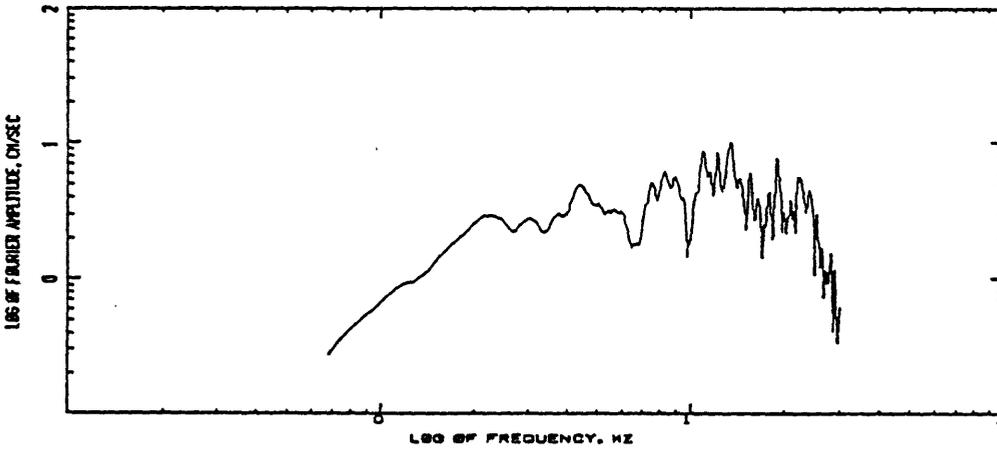
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION KVR, 000



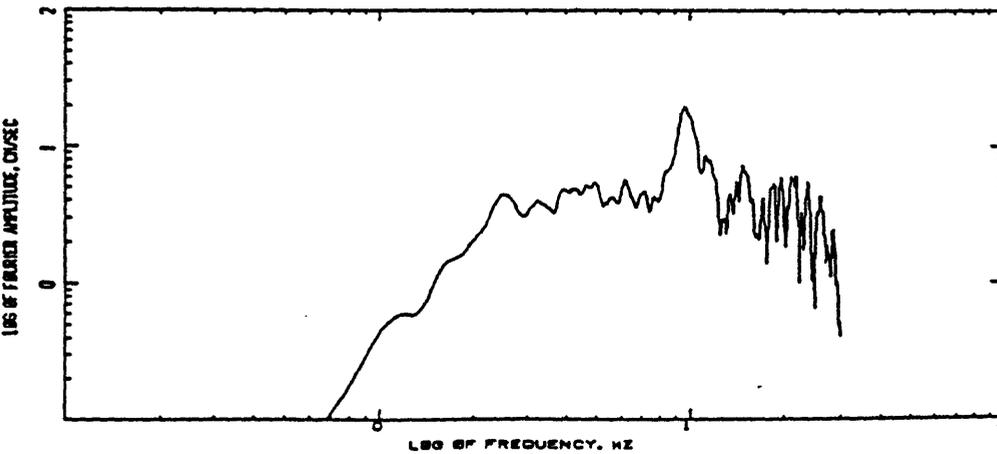
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1941 (2%) 10:36:5 UTC. ML=3.4
STATION 146 VERB (10) NONSISE
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



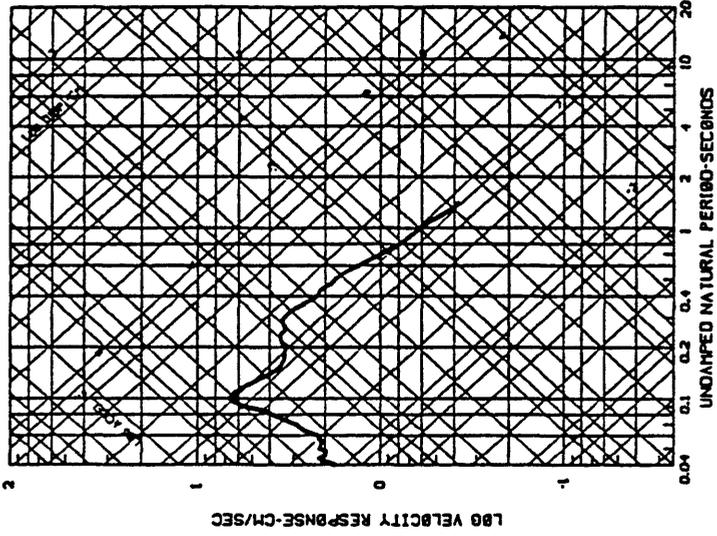
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1941 (2%) 10:36:5 UTC. ML=3.4
STATION 146 VERB (10) NONSISE
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



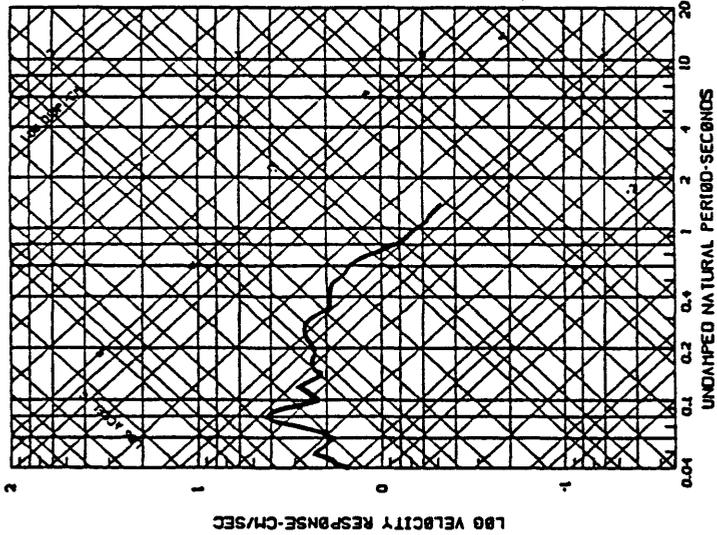
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1941 (2%) 10:36:5 UTC. ML=3.4
STATION 146 VERB (10) NONSISE
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



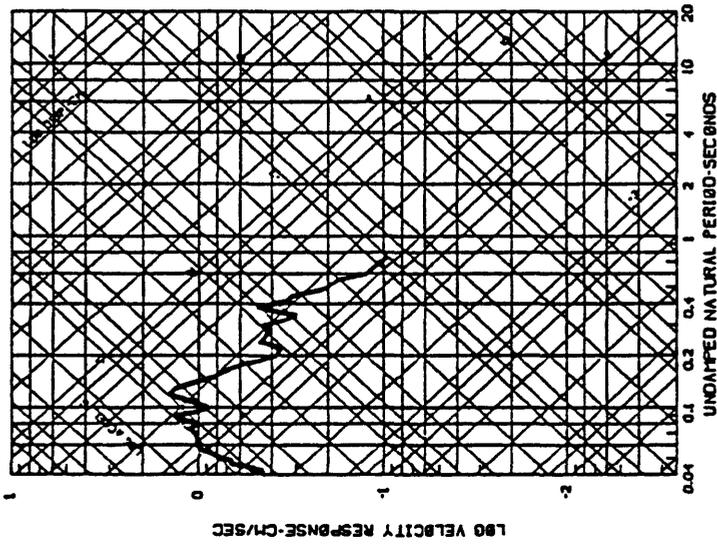
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KVR, 000
 5 PERCENT CRITICAL DAMPING



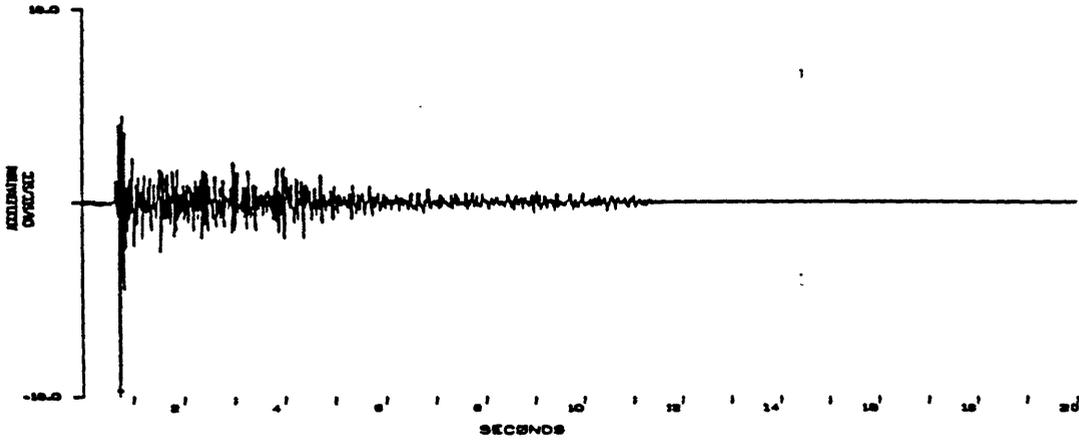
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KVR, 270
 5 PERCENT CRITICAL DAMPING



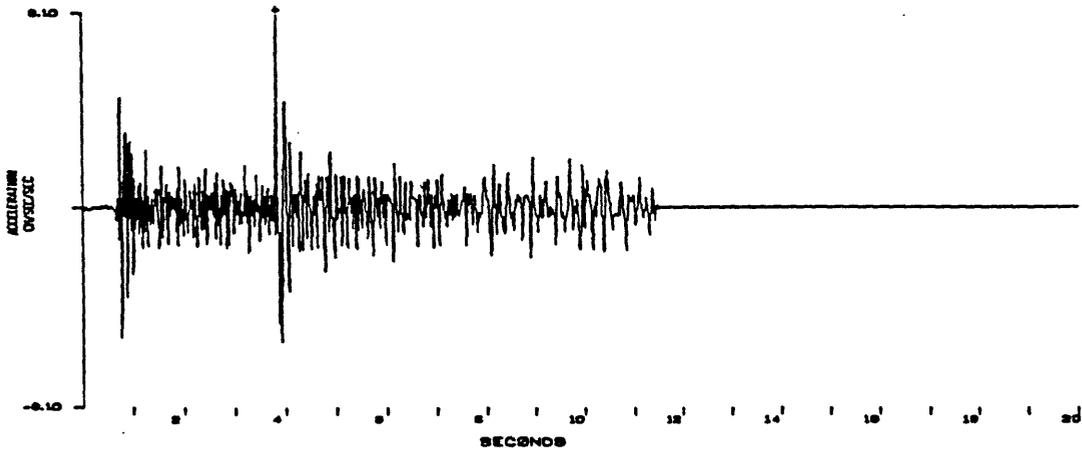
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KVR, VERT
 5 PERCENT CRITICAL DAMPING



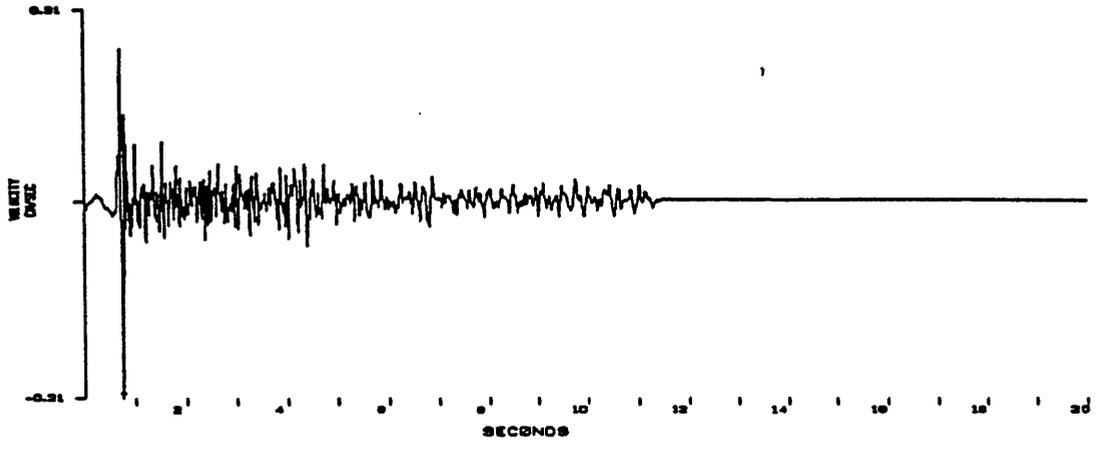
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION NVA, VERT



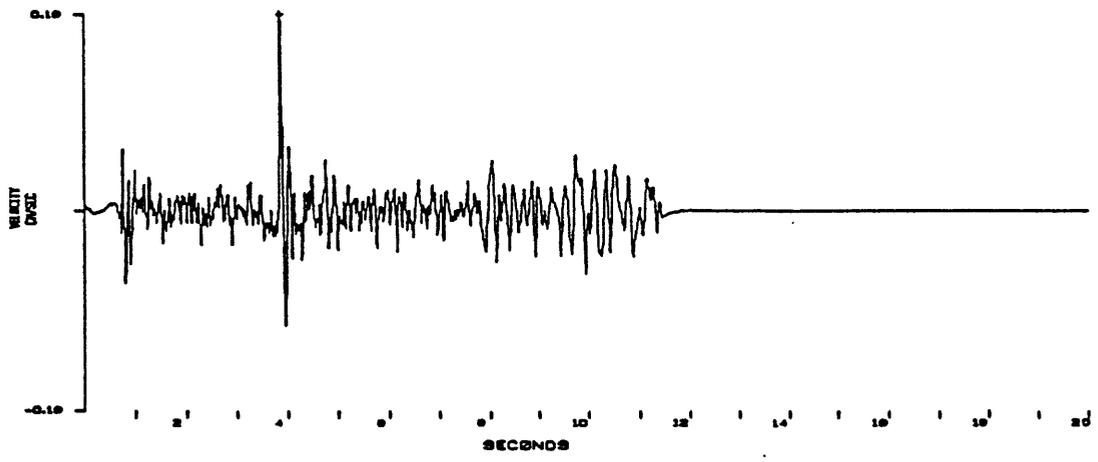
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION NVA, 270



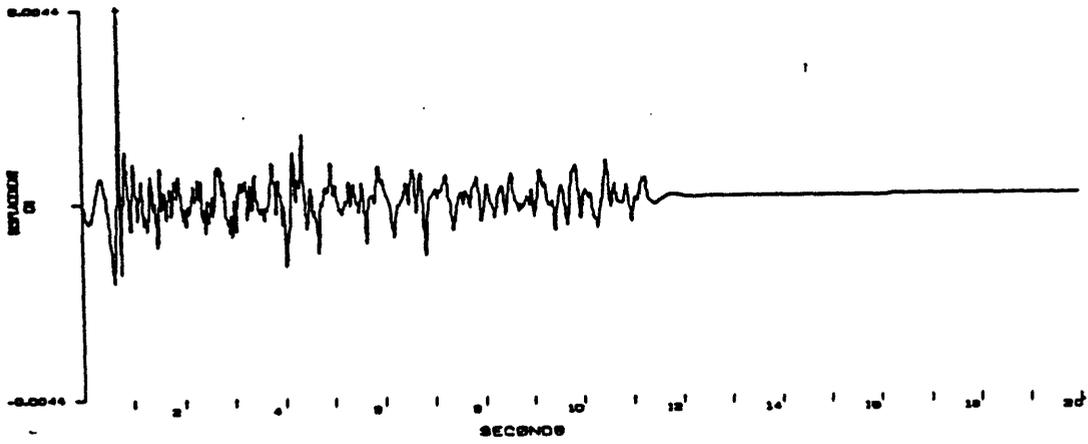
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION RVR, VERT



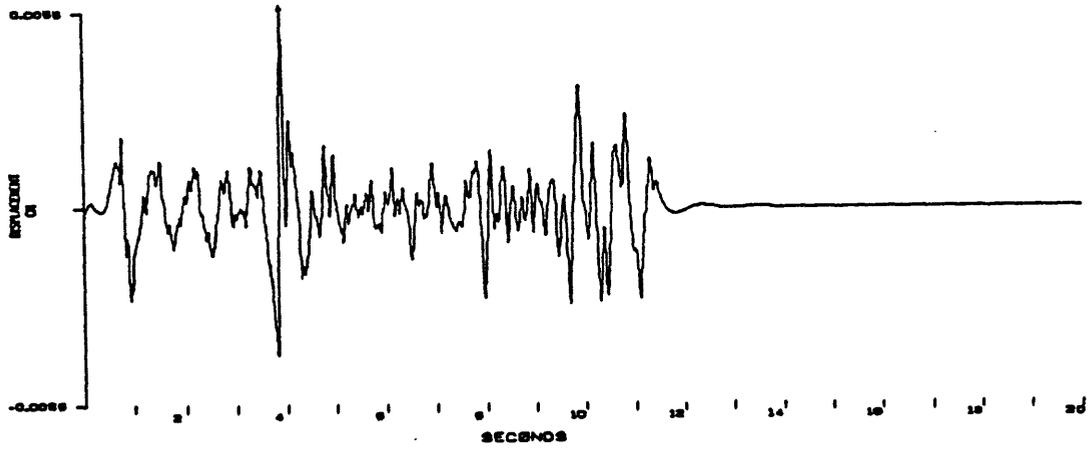
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION RVR, 270



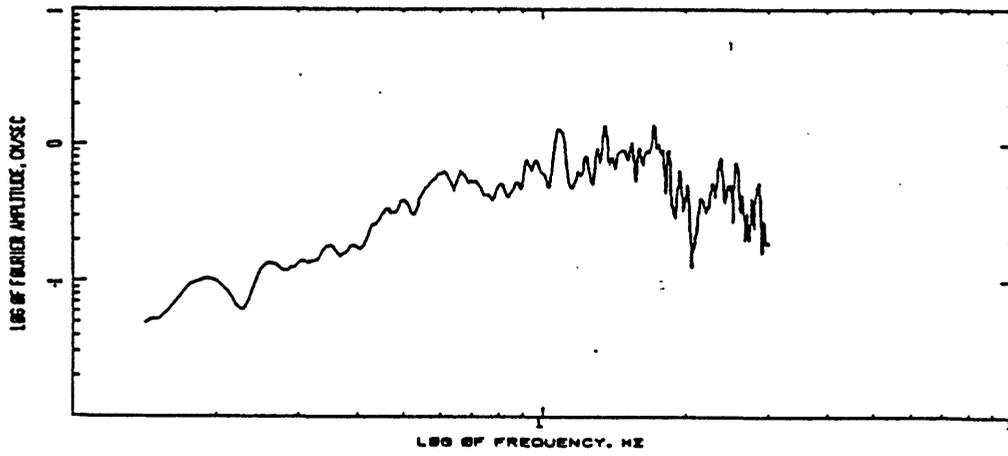
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION RVR, 287



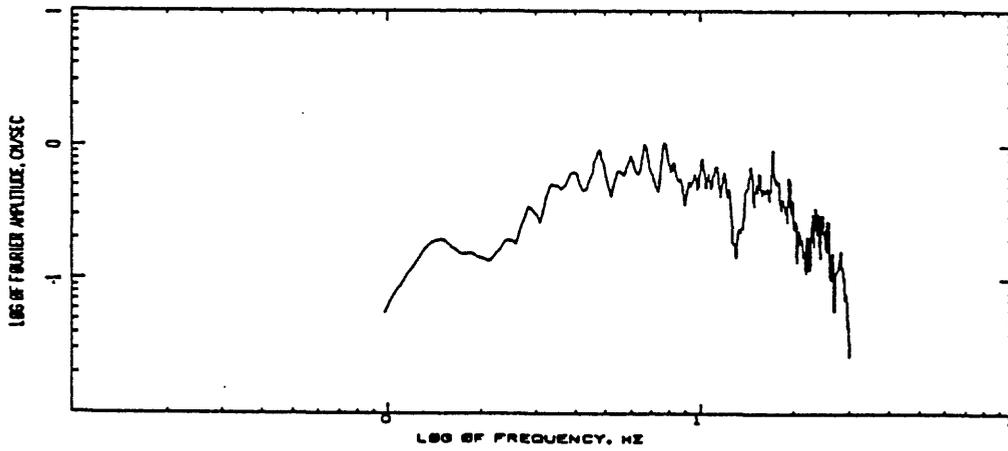
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:00 UTC, ML-3.4
STATION RVR, 278



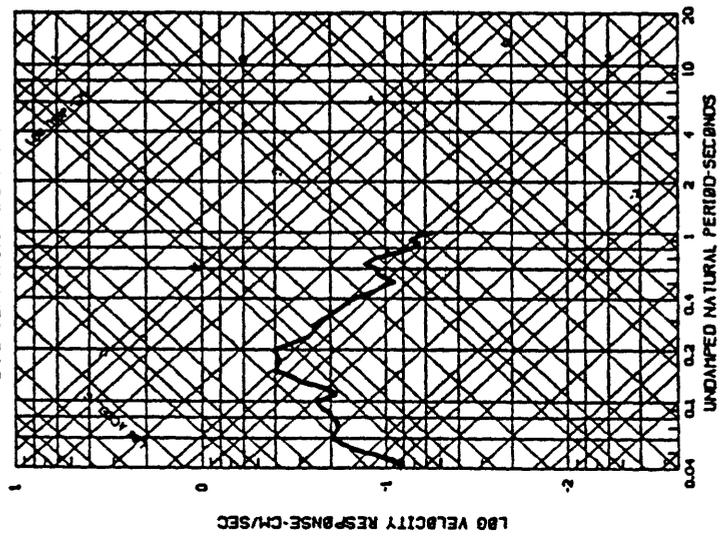
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, OCT 18, 1952, STATION 3.4
COMPUTING OPTIONS - ZCROSS, SMOOTH, NONNOISE



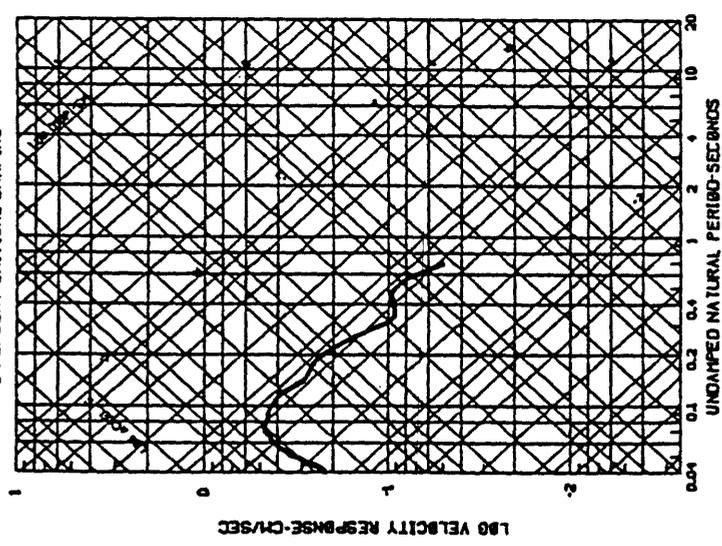
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, OCT 18, 1952, STATION 3.4
COMPUTING OPTIONS - ZCROSS, SMOOTH, NONNOISE



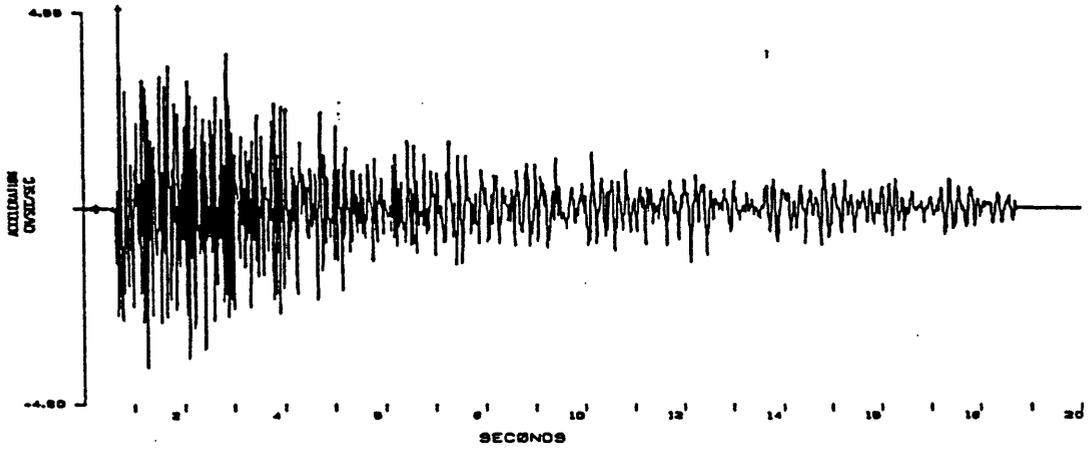
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, ID-3508 UTC, M=3.4
 STATION RYB, 270 DEGREES
 5 PERCENT CRITICAL DAMPING



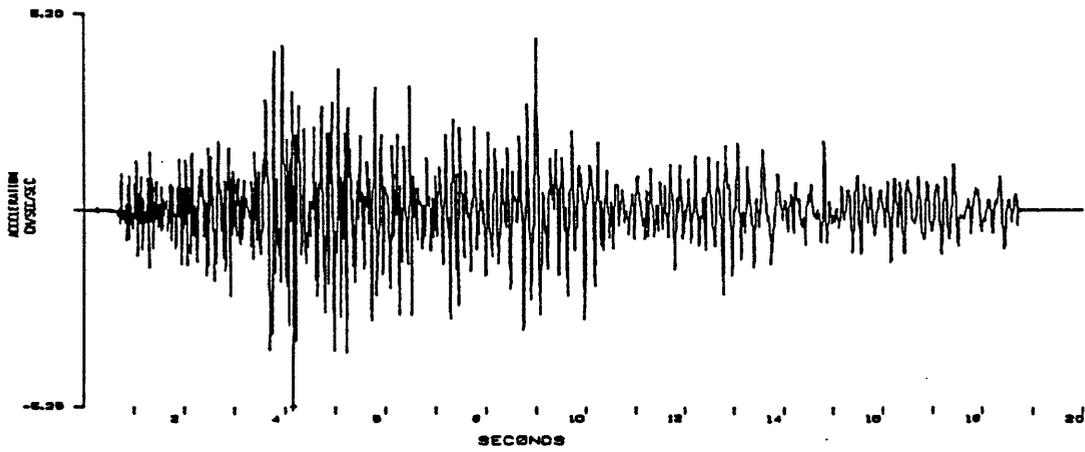
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, ID-3508 UTC, M=3.4
 STATION RYB, 45 DEGREES
 5 PERCENT CRITICAL DAMPING



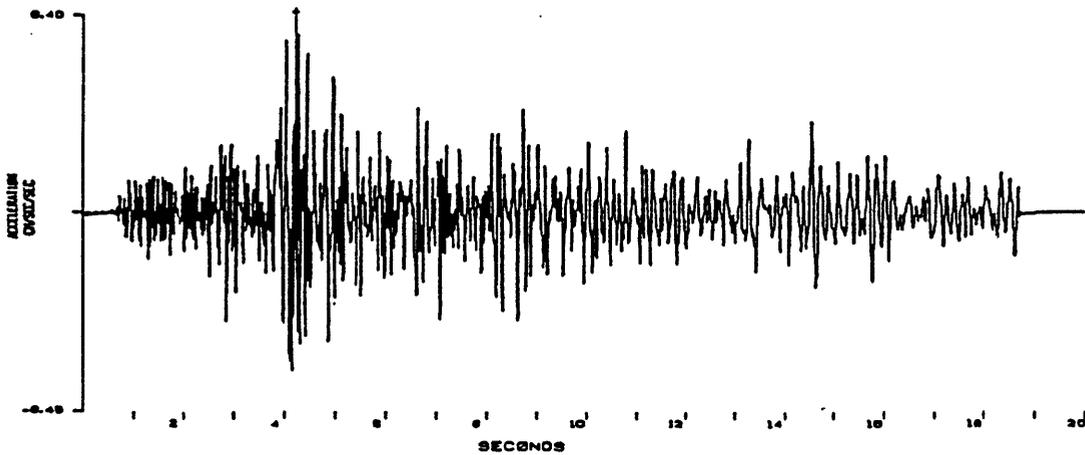
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:36: 0 UTC, ML-3.4
STATION SLC, 021



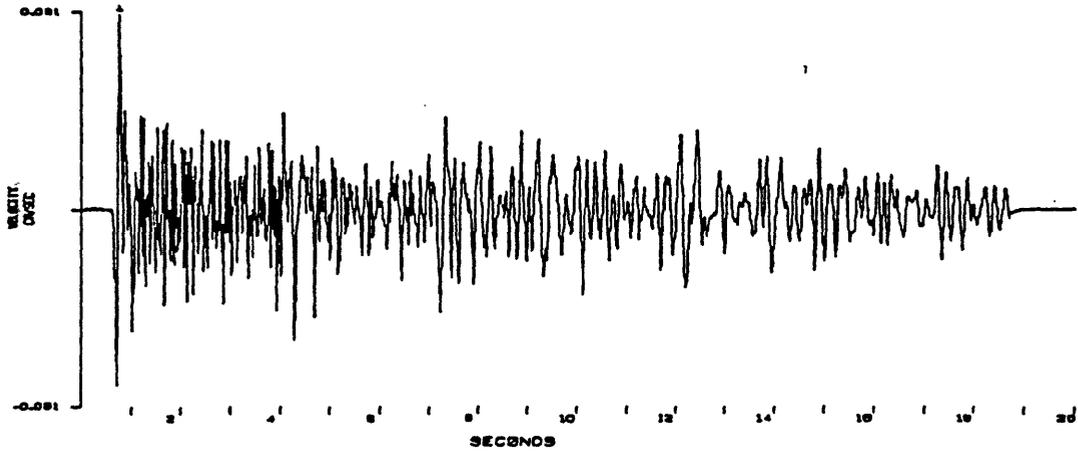
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:36: 0 UTC, ML-3.4
STATION SLC, 008



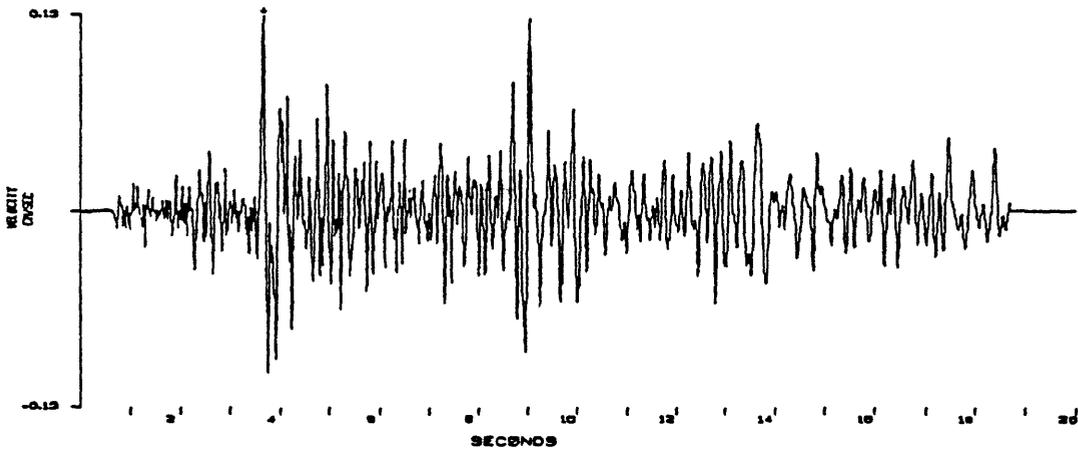
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:36: 0 UTC, ML-3.4
STATION SLC, 278



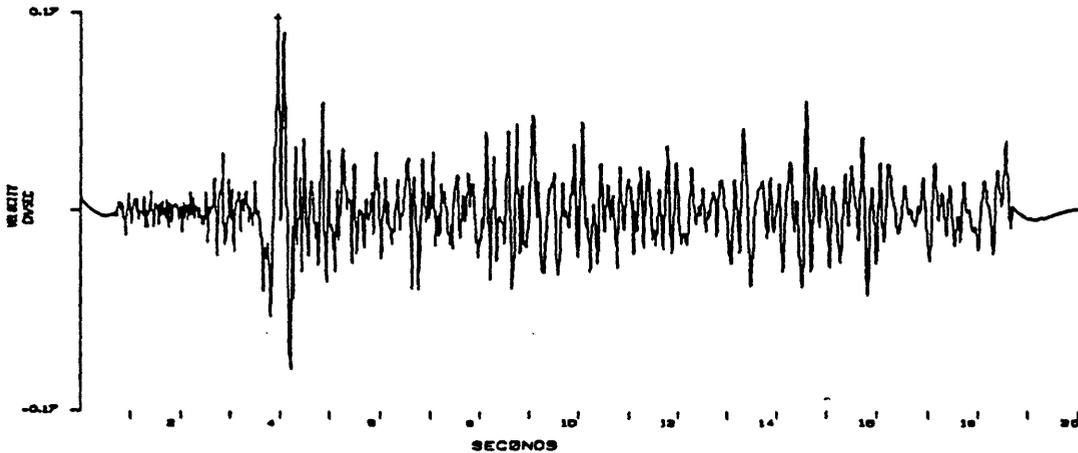
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:28:00 UTC, ML-3.4
STATION SLC, VER



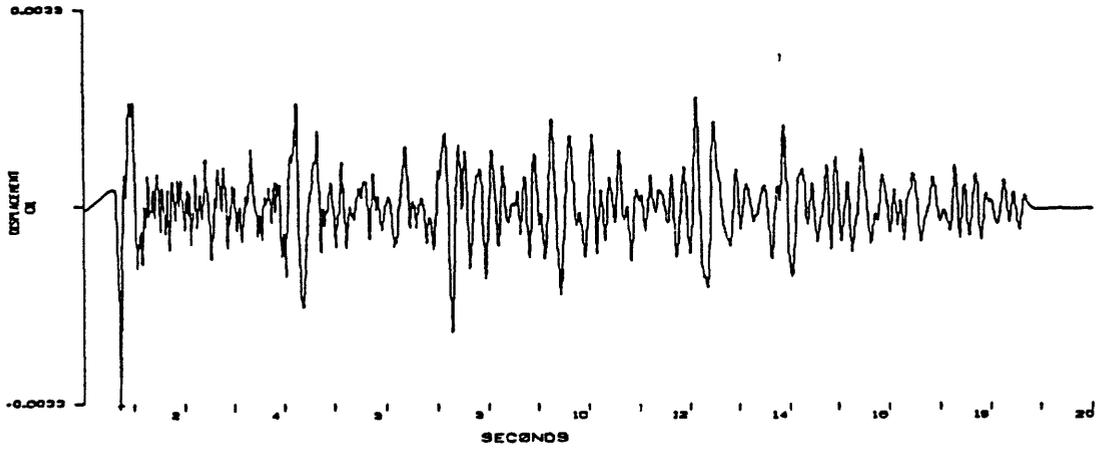
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION SLC, DDB



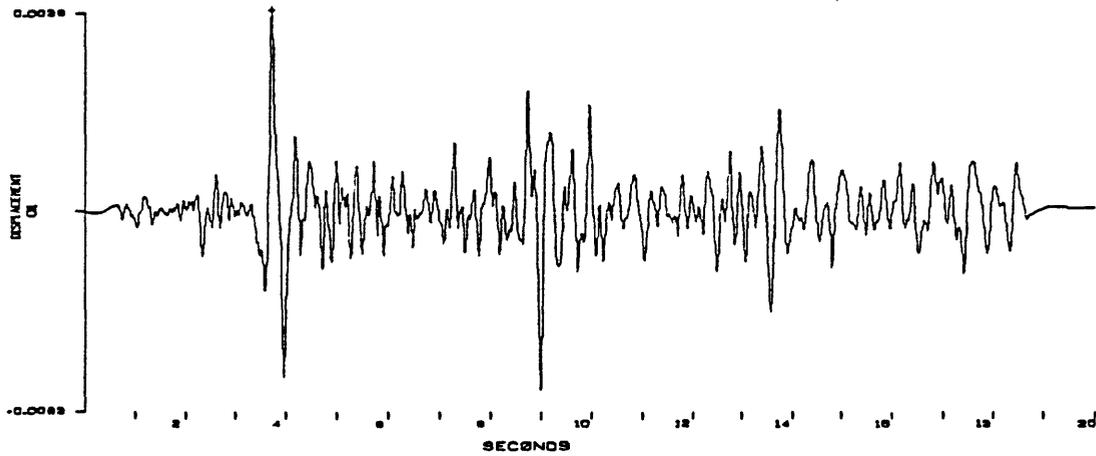
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION SLC, DDB



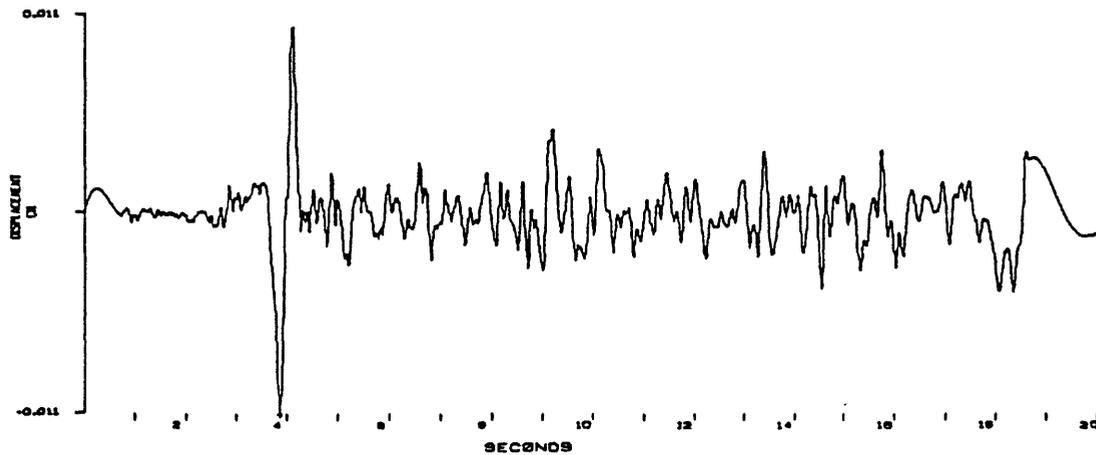
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:36.08 UTC, ML-3.4
STATION SLC, VERT



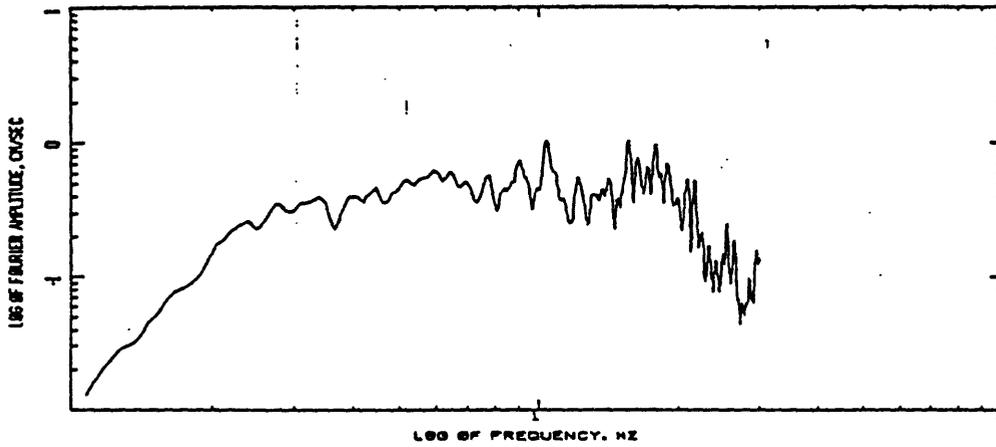
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:36.08 UTC, ML-3.4
STATION SLC, HOR



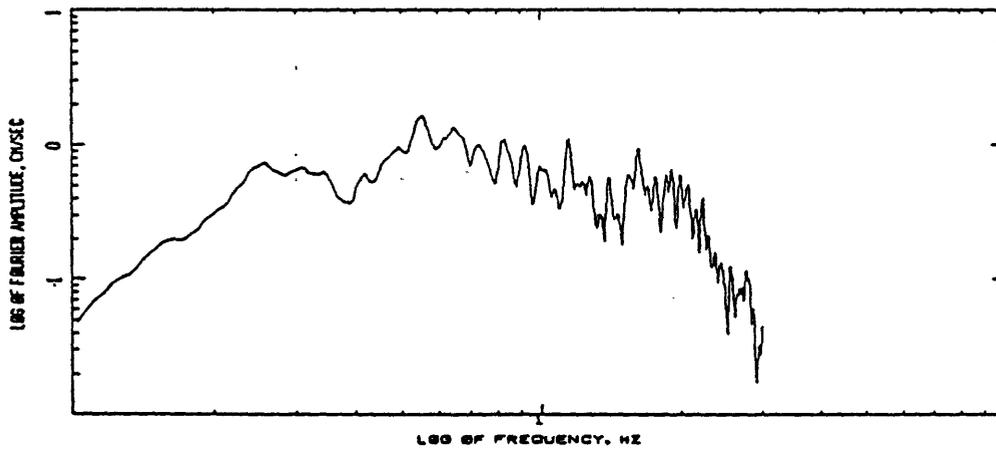
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:36.08 UTC, ML-3.4
STATION SLC, 570



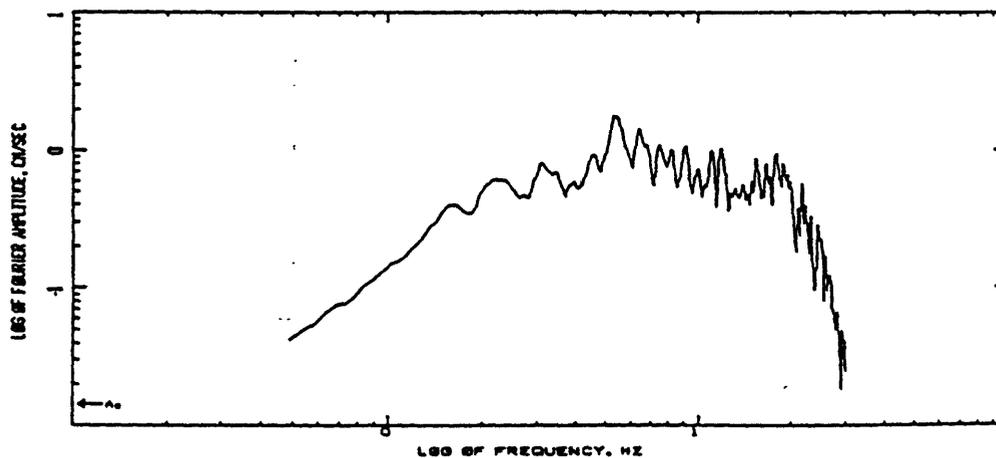
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10:36.8 UTC, ML=3.4
STATION: 46, 270
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



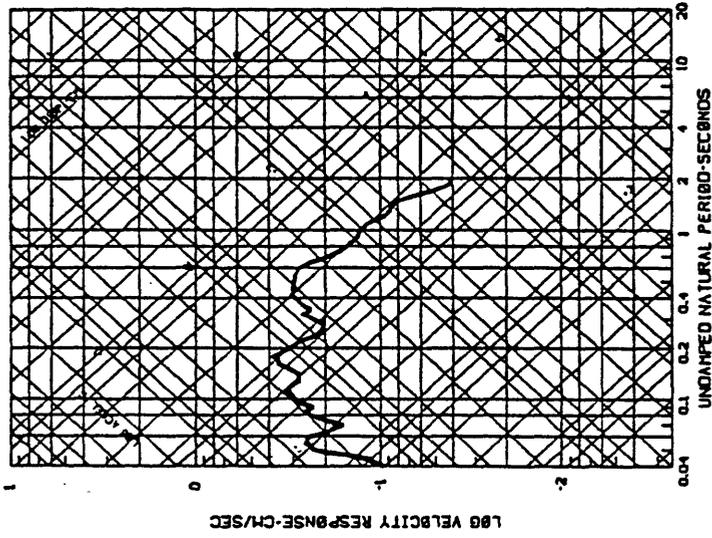
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10:36.8 UTC, ML=3.4
STATION: 46, 270
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



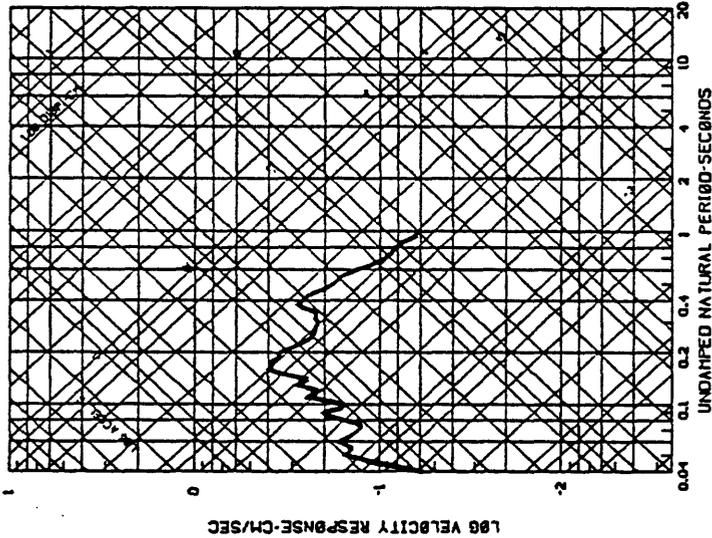
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 10:36.8 UTC, ML=3.4
STATION: 46, 270
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



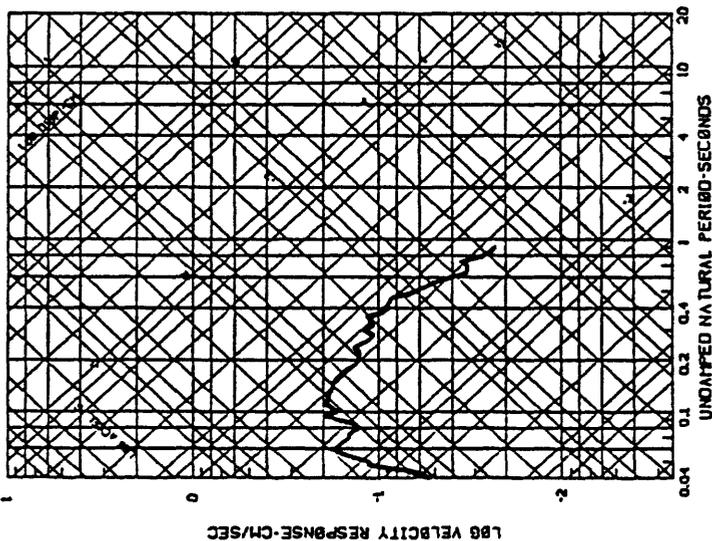
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, HL-3.4
 STATION 510, 270
 5 PERCENT CRITICAL DAMPING



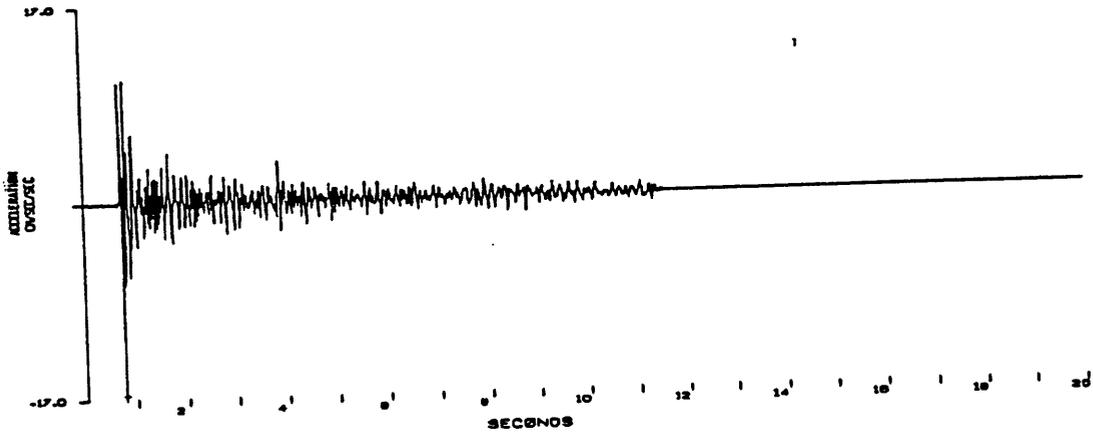
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, HL-3.4
 STATION 510, 000
 5 PERCENT CRITICAL DAMPING



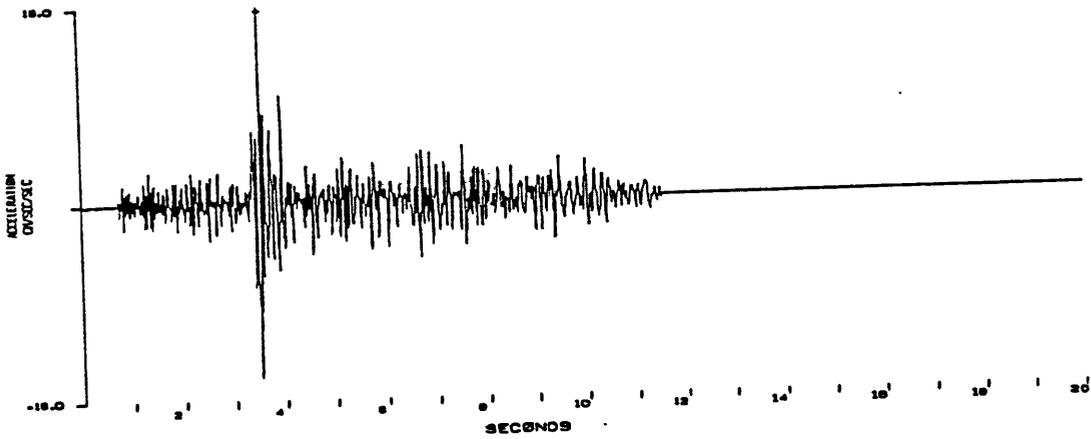
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, HL-3.4
 STATION 510, 000
 5 PERCENT CRITICAL DAMPING



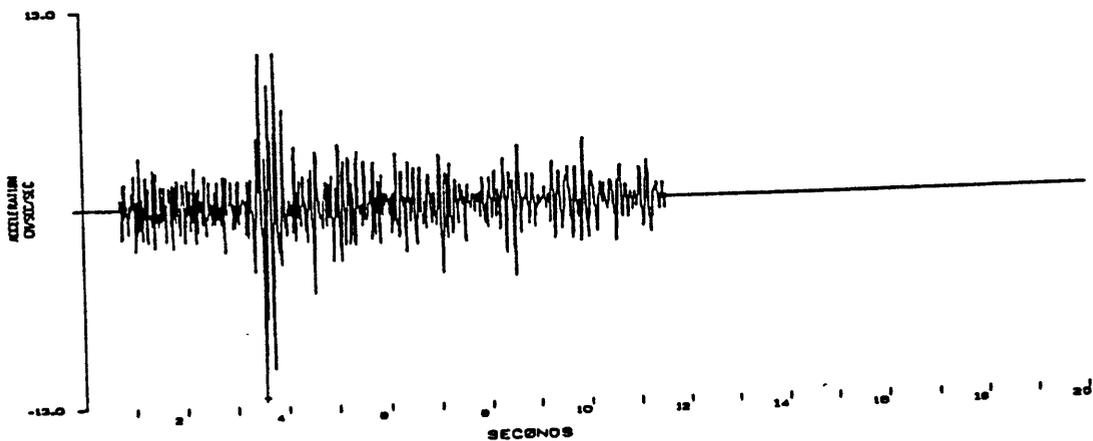
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, VER1



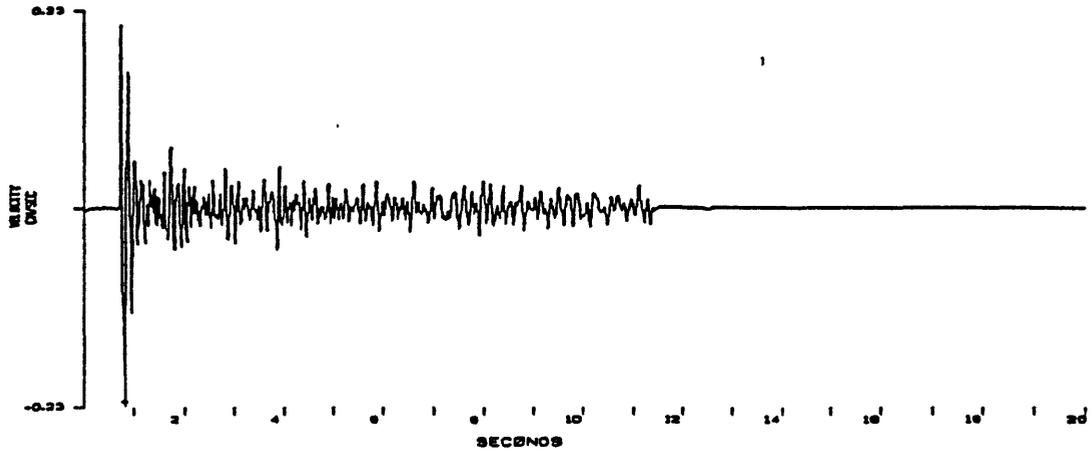
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, D00



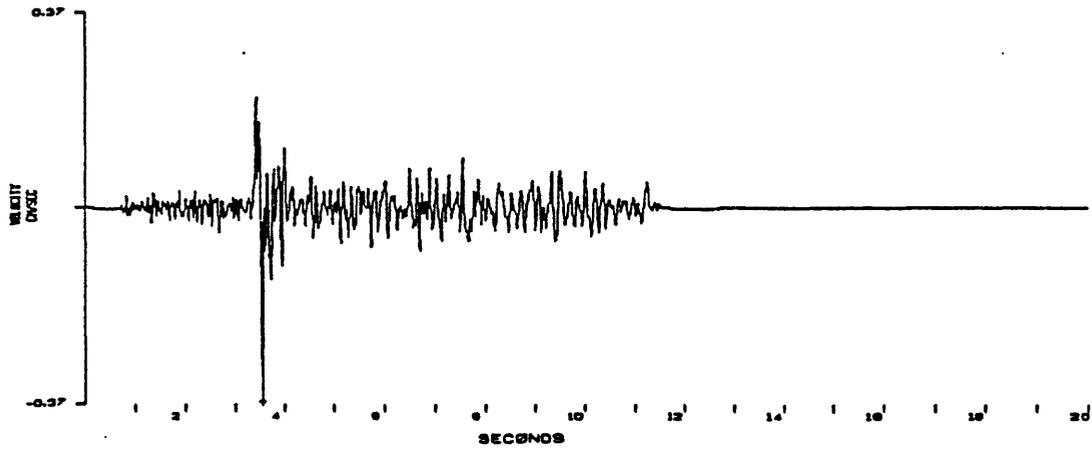
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, 270



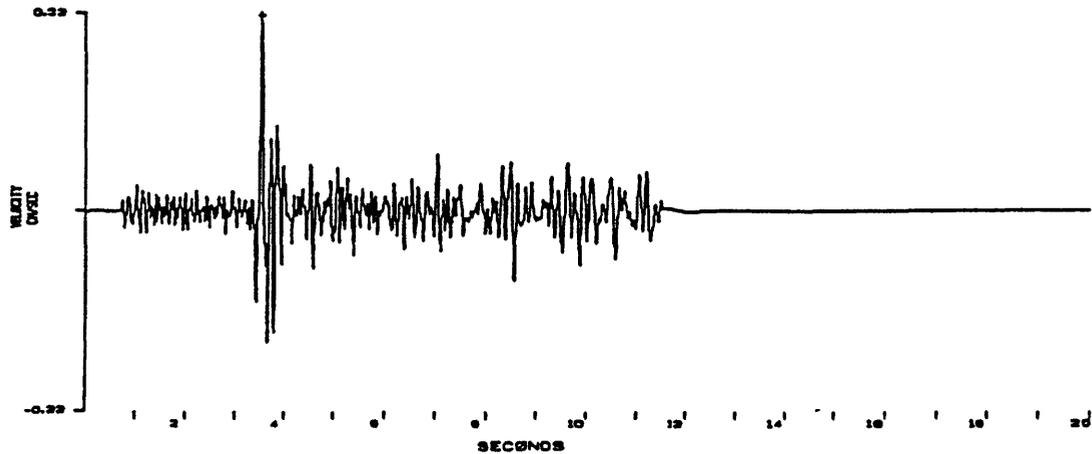
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, VER



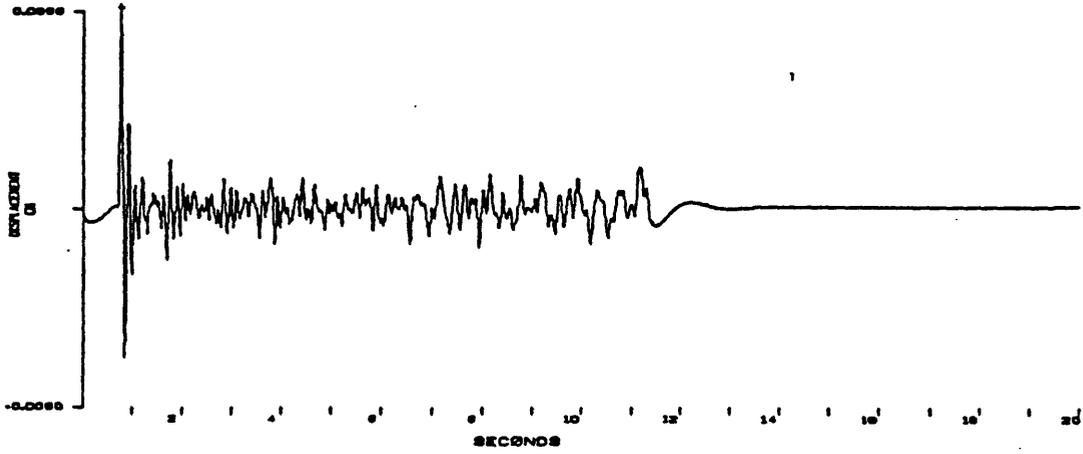
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, BOB



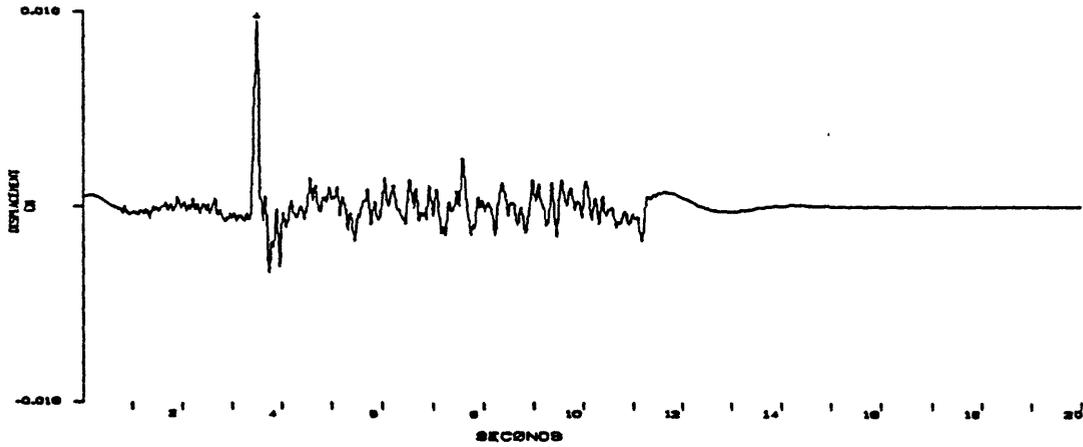
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFB, 278



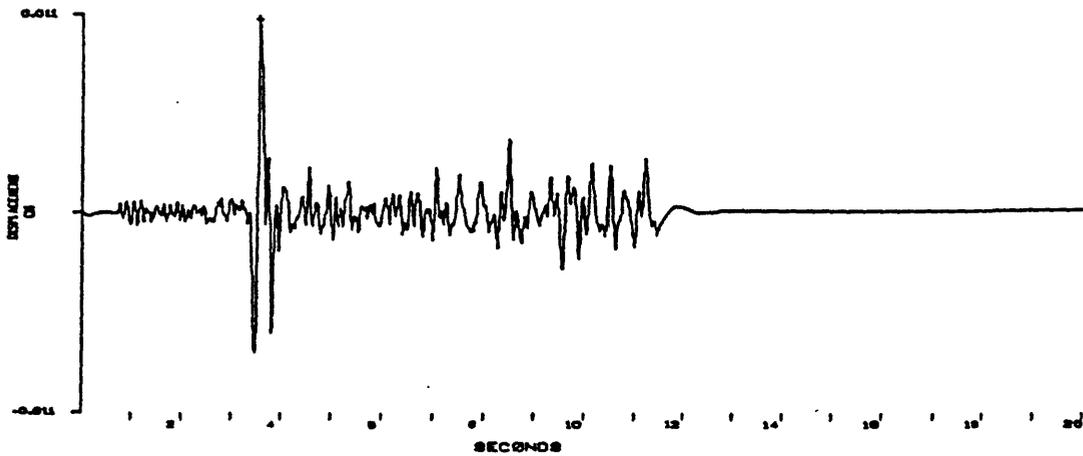
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 067



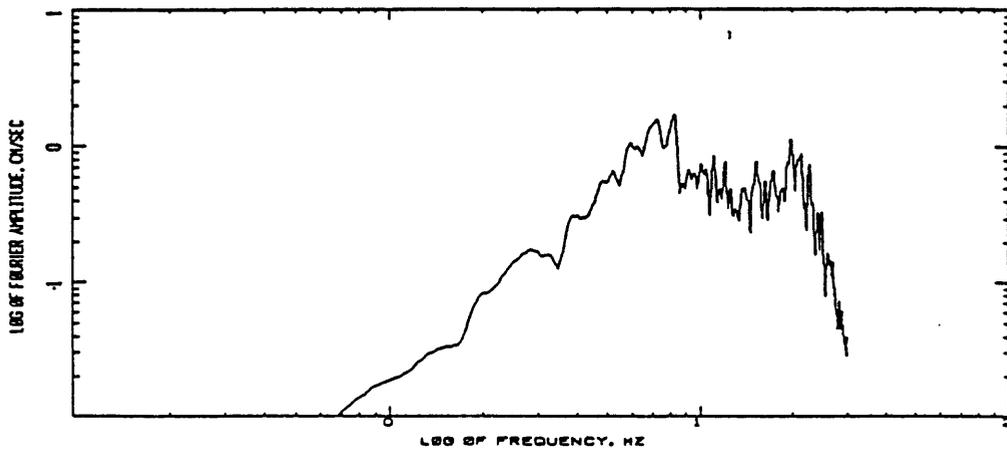
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 068



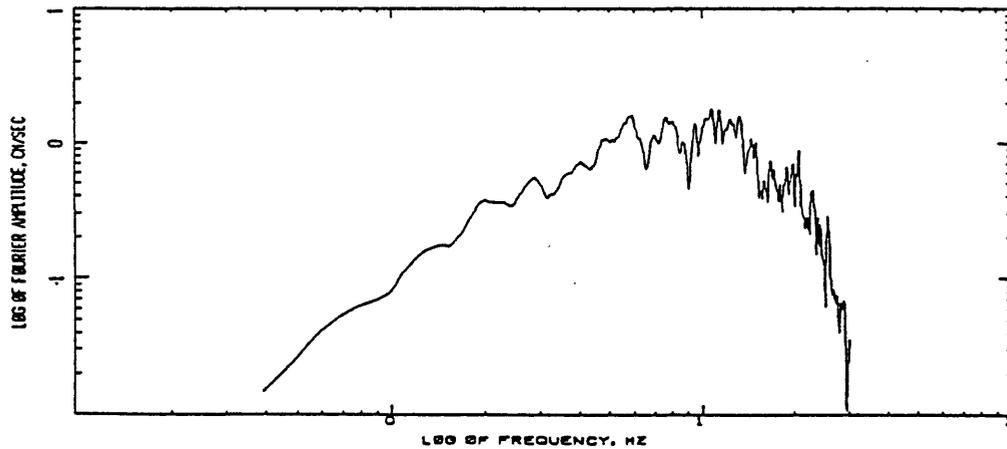
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 278



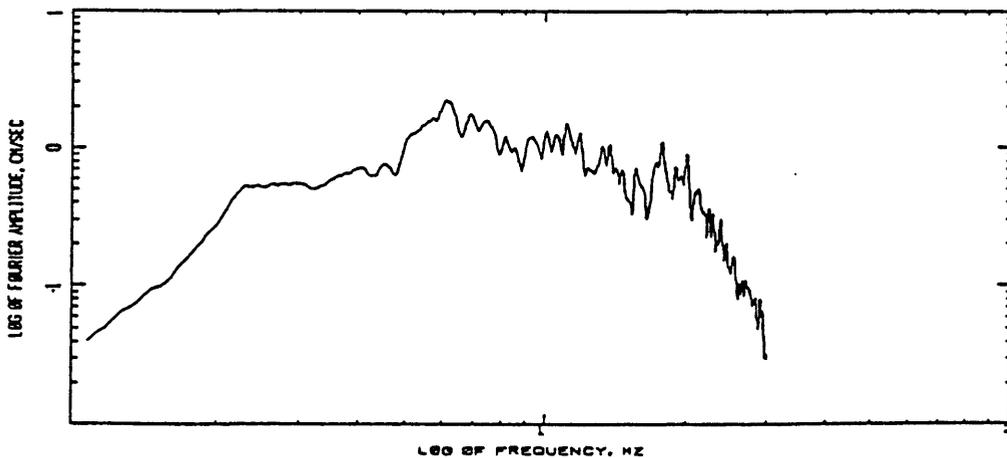
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:10 UTC, ML-3.0
STATION 125, UES
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONISE



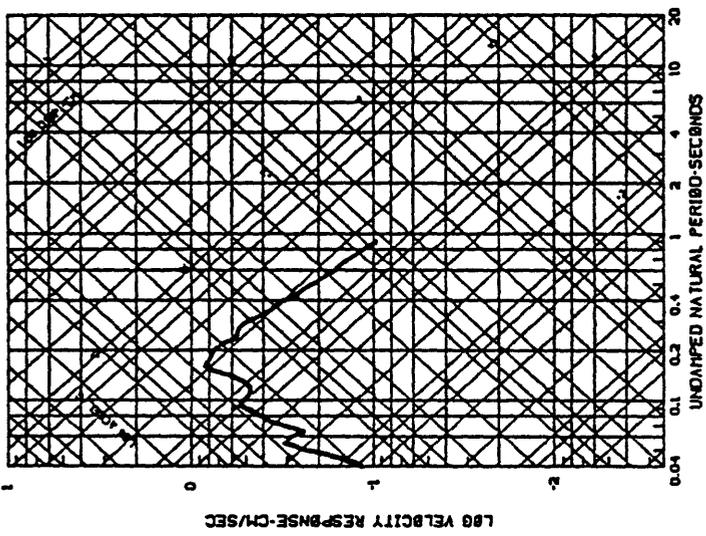
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:10 UTC, ML-3.0
STATION 125, UES
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONISE



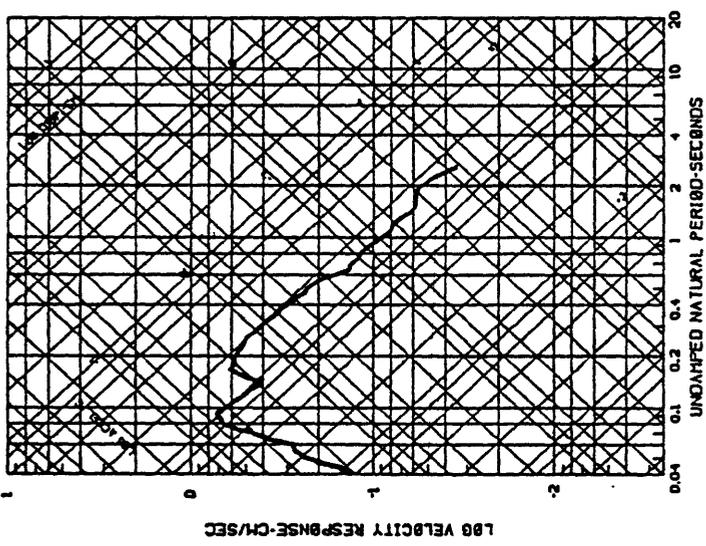
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:10 UTC, ML-3.0
STATION 125, UES
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONISE



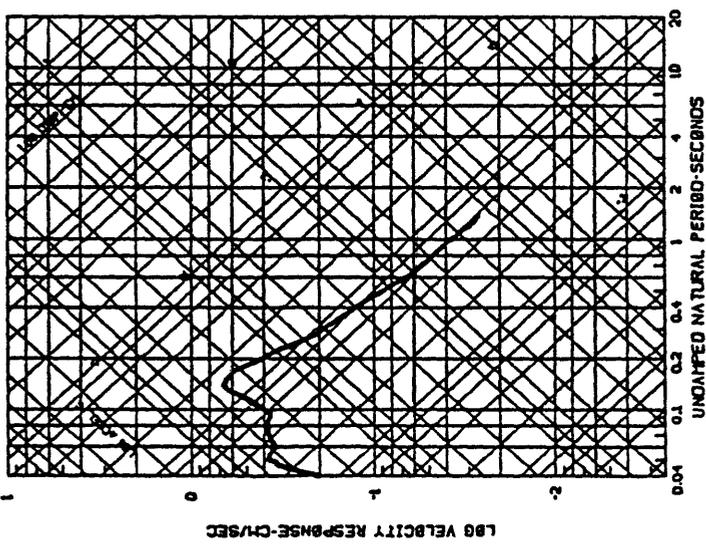
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, M=3.0
 SEAT 1000
 5 PERCENT CRITICAL DAMPING



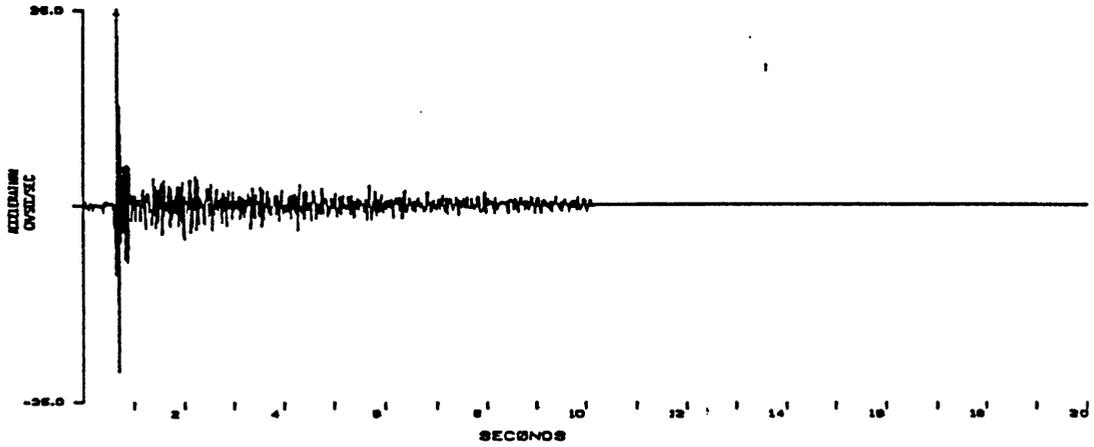
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, M=3.0
 SEAT 1000
 5 PERCENT CRITICAL DAMPING



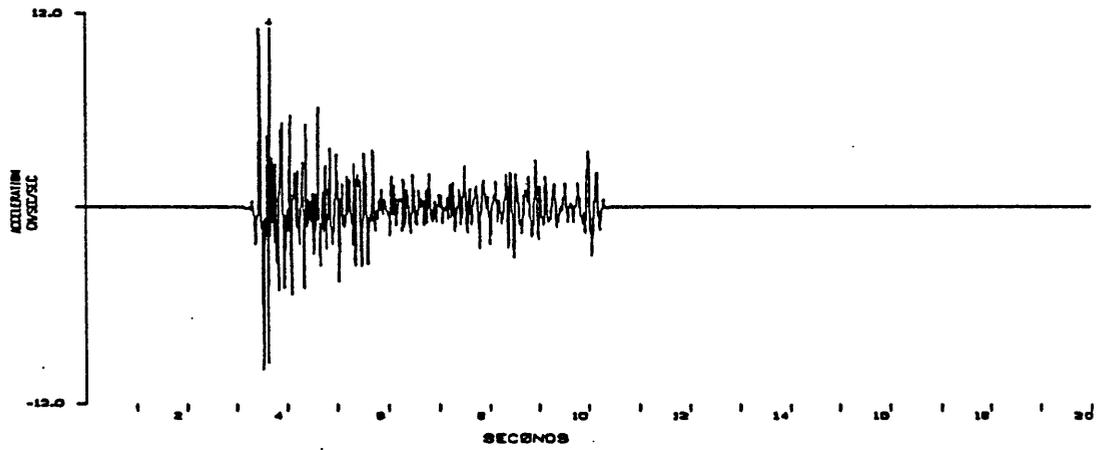
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, M=3.0
 SEAT 1000
 5 PERCENT CRITICAL DAMPING



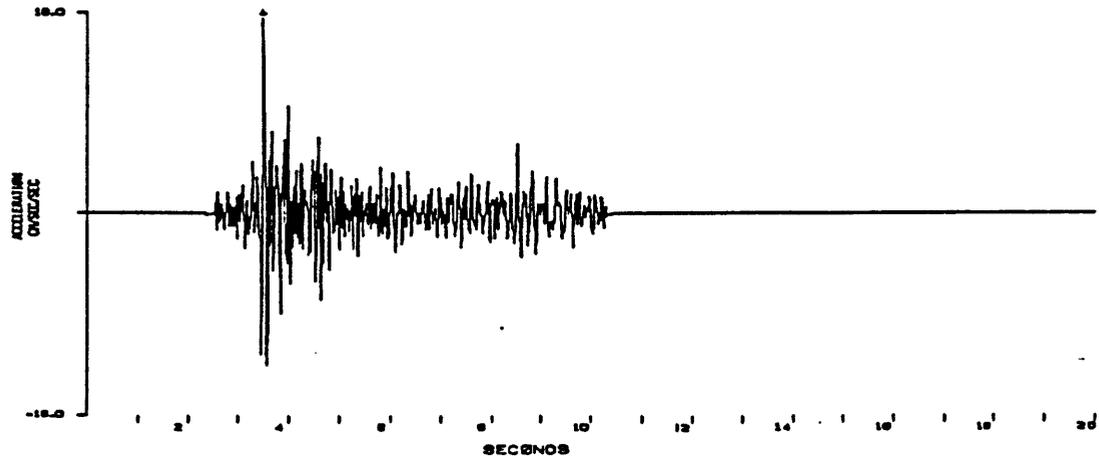
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, VERT



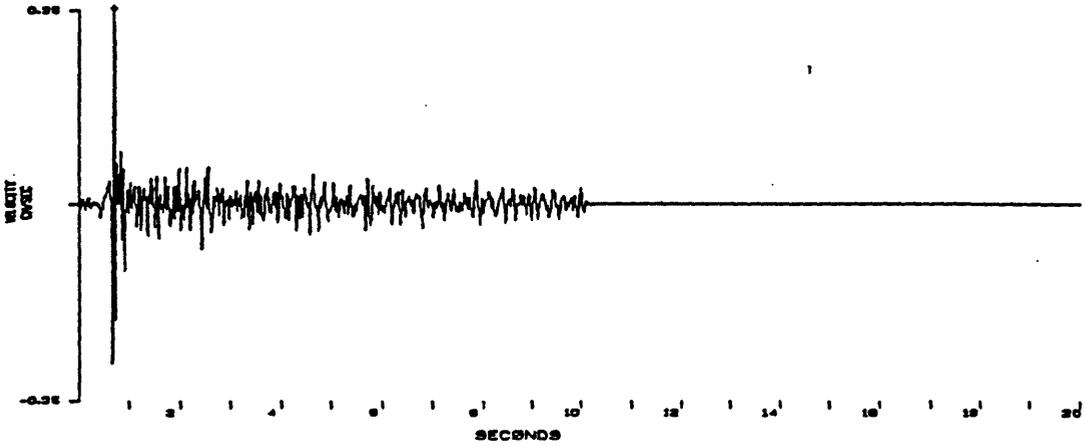
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, HOR



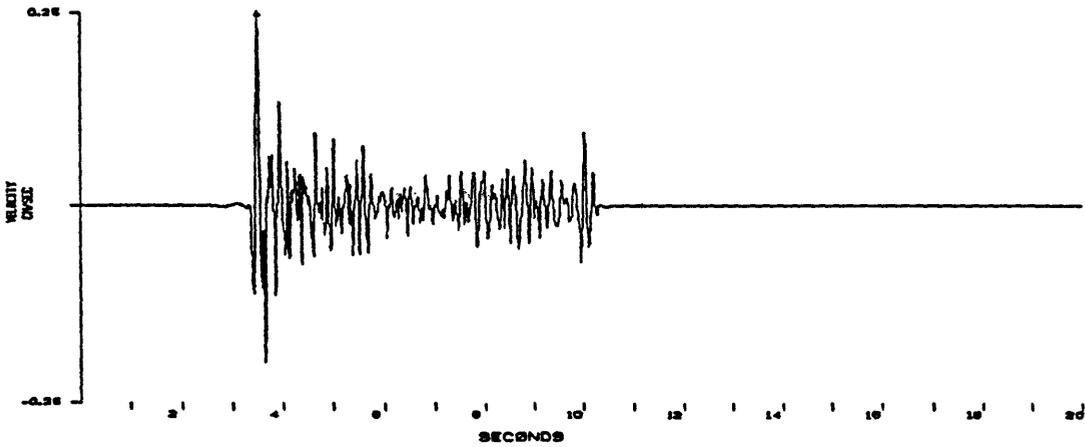
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, HOR



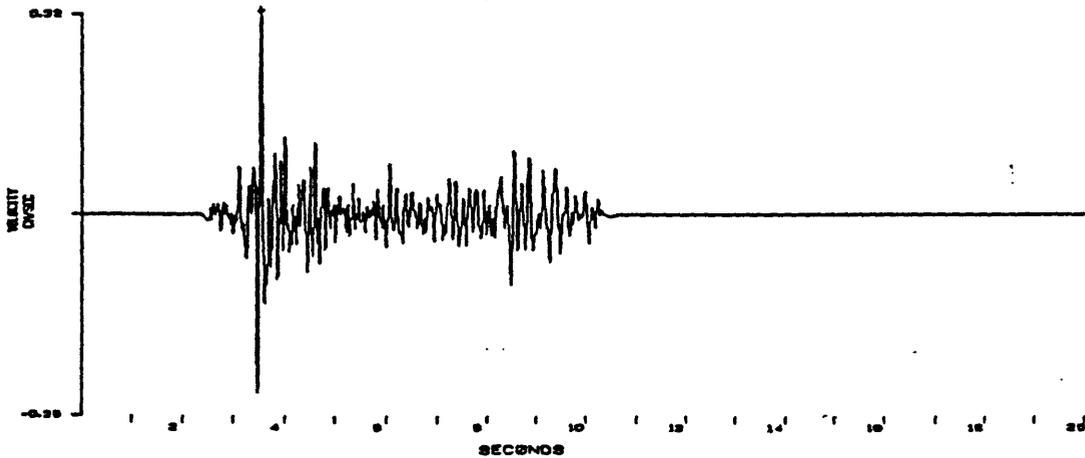
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CF6, VERT



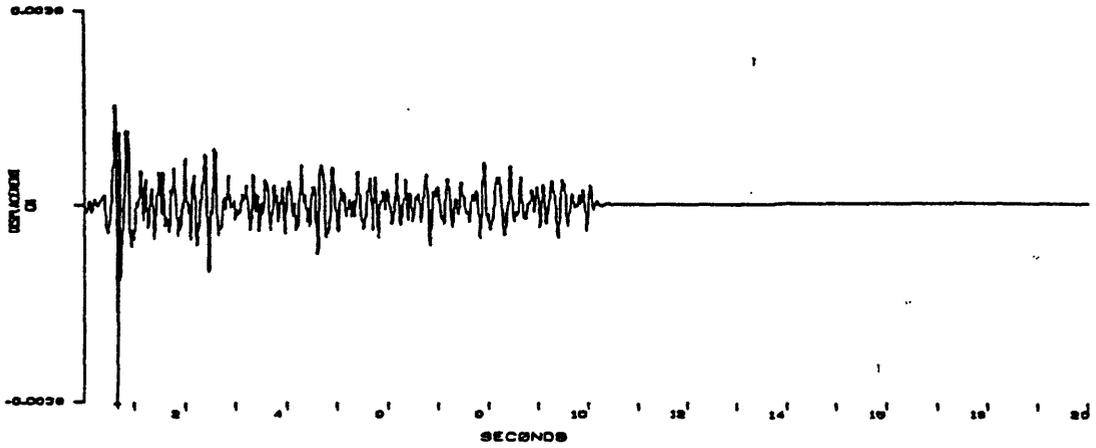
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CF6, D08



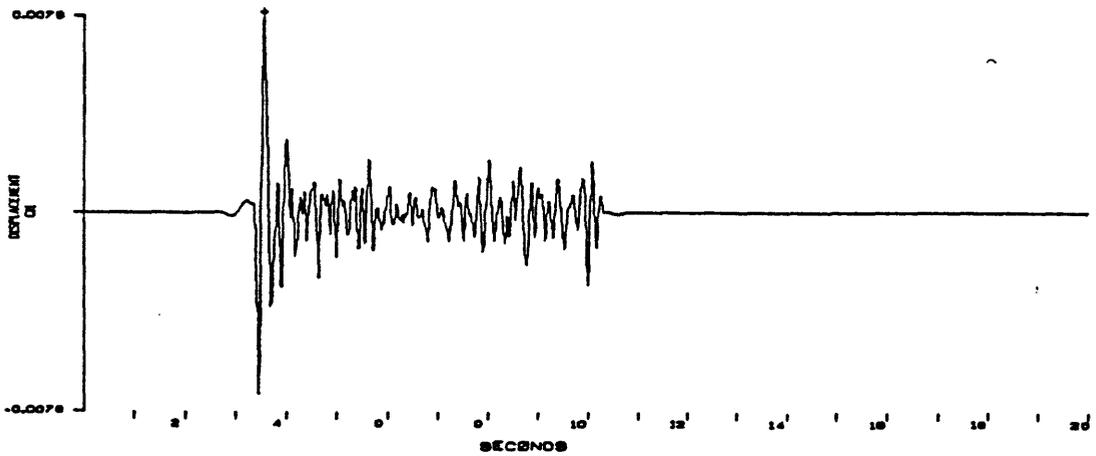
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CF6, D09



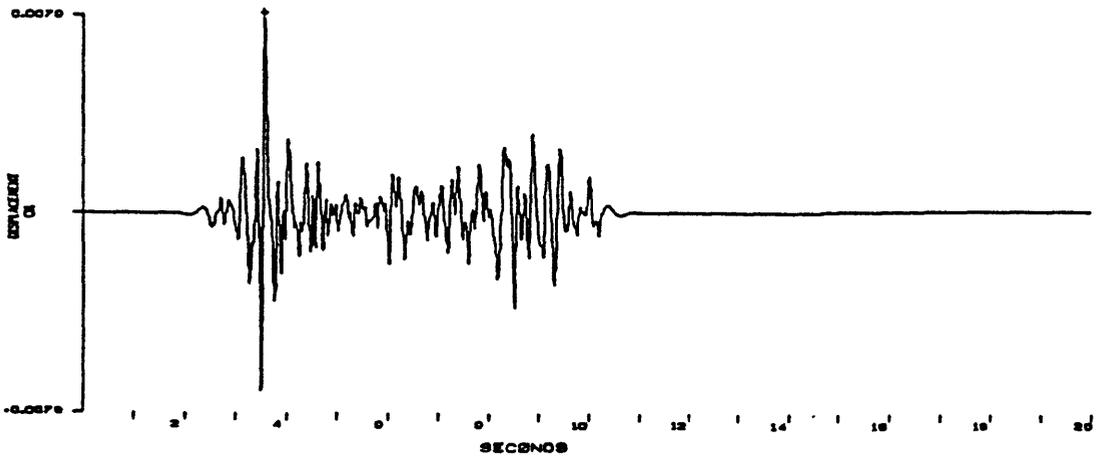
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION CF6, VERT



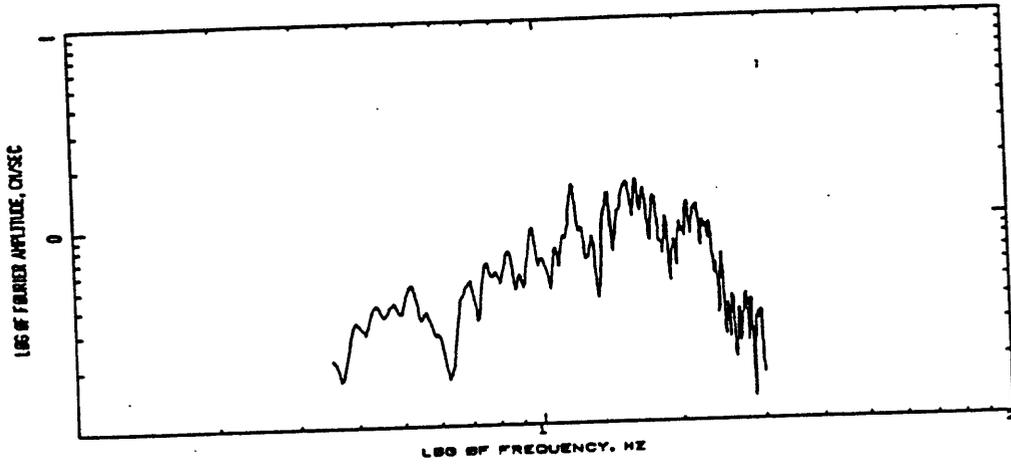
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION CF6, DDD



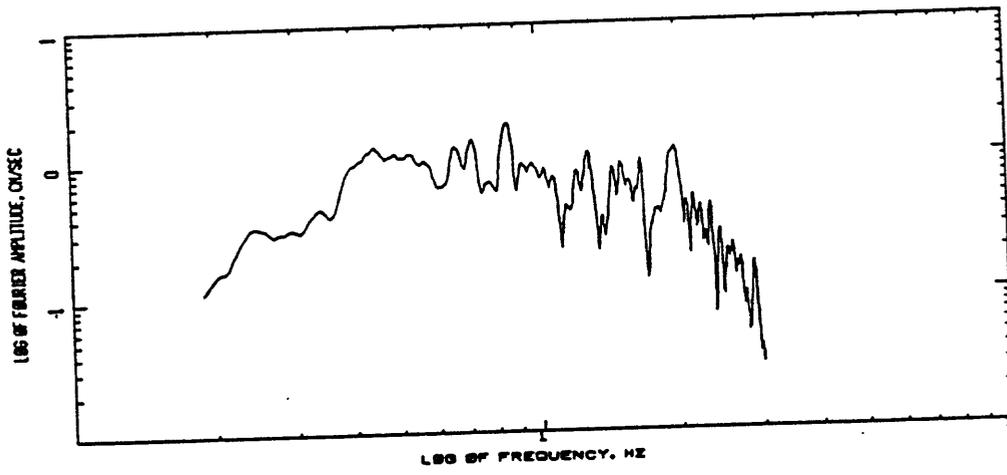
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION CF6, DDD



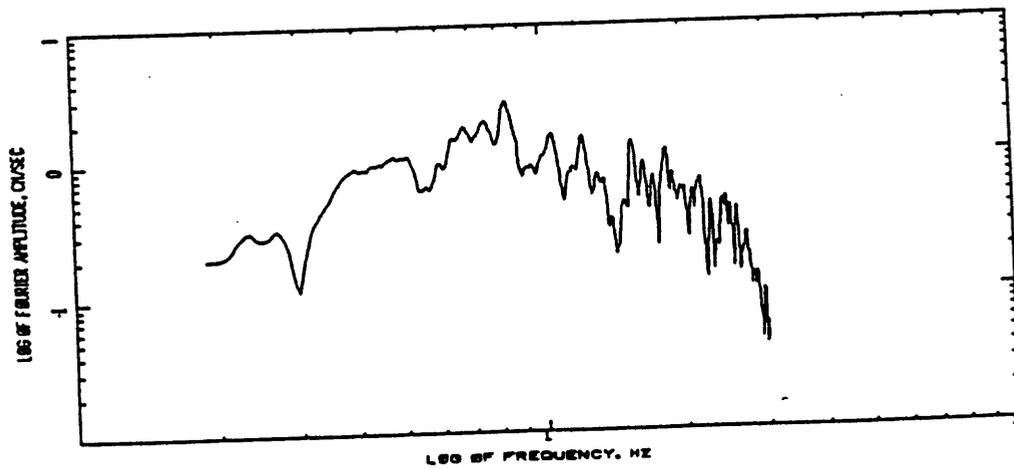
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/04/57 UTC. RL-3.0
STATION 266. HSB
COMPUTING OPTIONS - ZCRSS.SHSBTHIO.NNSISE



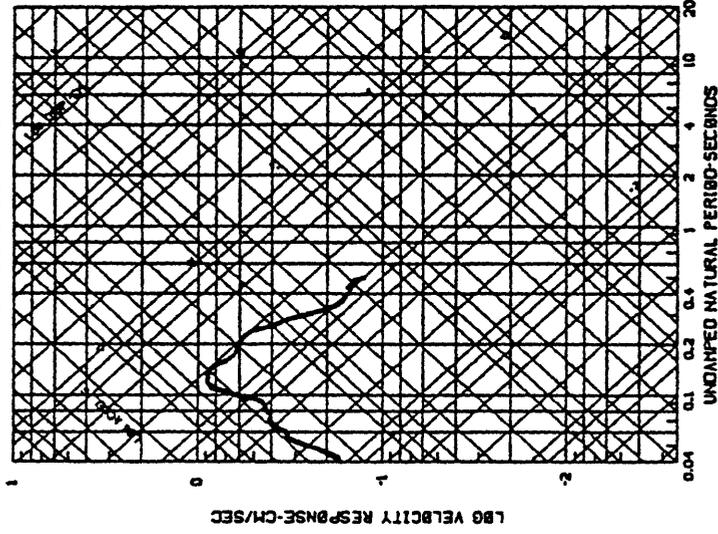
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/04/57 UTC. RL-3.0
STATION 266. HSB
COMPUTING OPTIONS - ZCRSS.SHSBTHIO.NNSISE



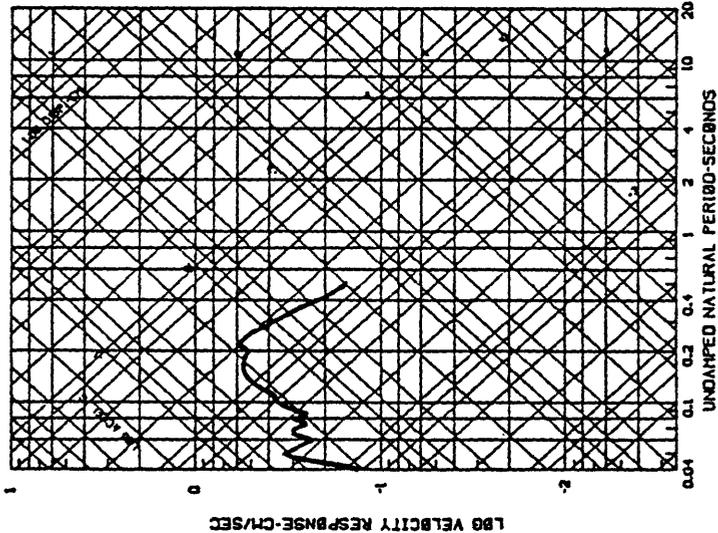
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/04/57 UTC. RL-3.0
STATION 266. HSB
COMPUTING OPTIONS - ZCRSS.SHSBTHIO.NNSISE



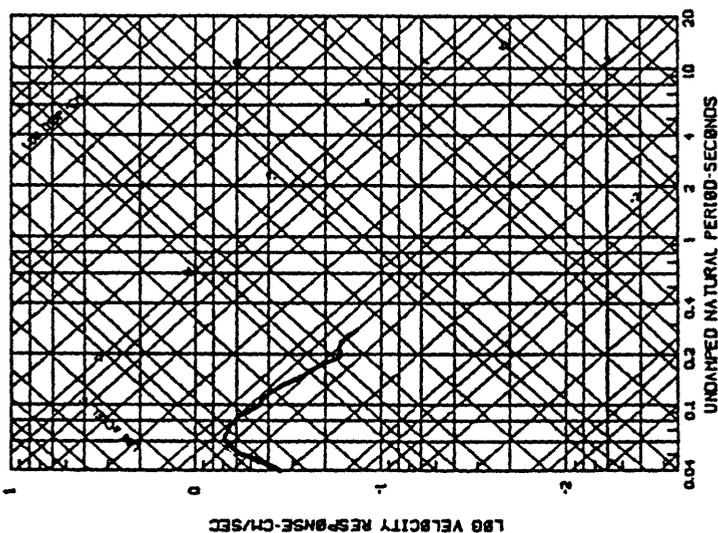
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 07/20/79 05:04:07 UTC, ML-3.0
 5 PERCENT CRITICAL DAMPING



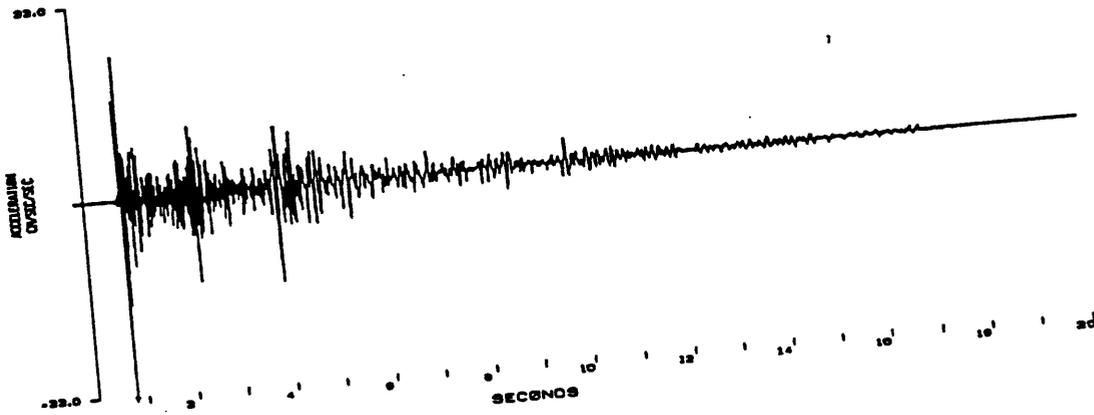
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 05:04:07 UTC, ML-3.0
 5 PERCENT CRITICAL DAMPING



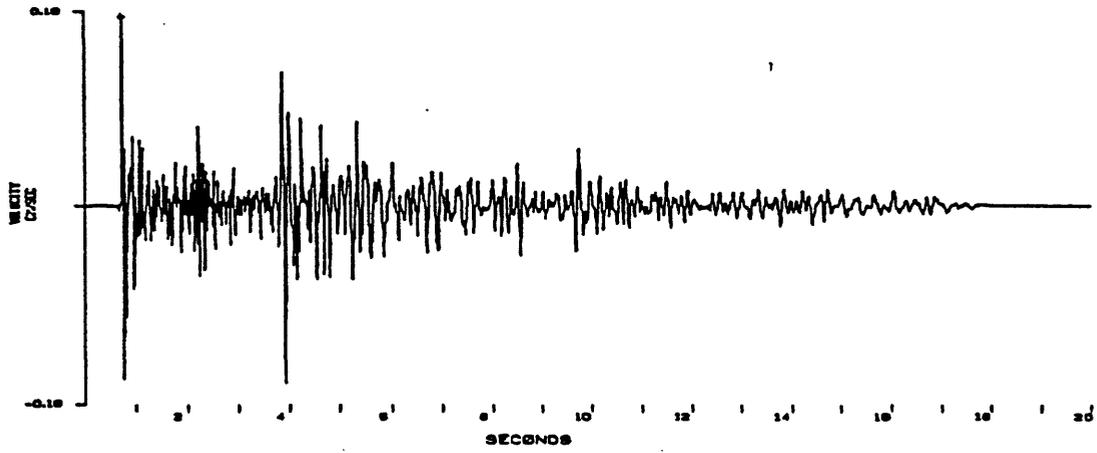
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 05:04:07 UTC, ML-3.0
 5 PERCENT CRITICAL DAMPING



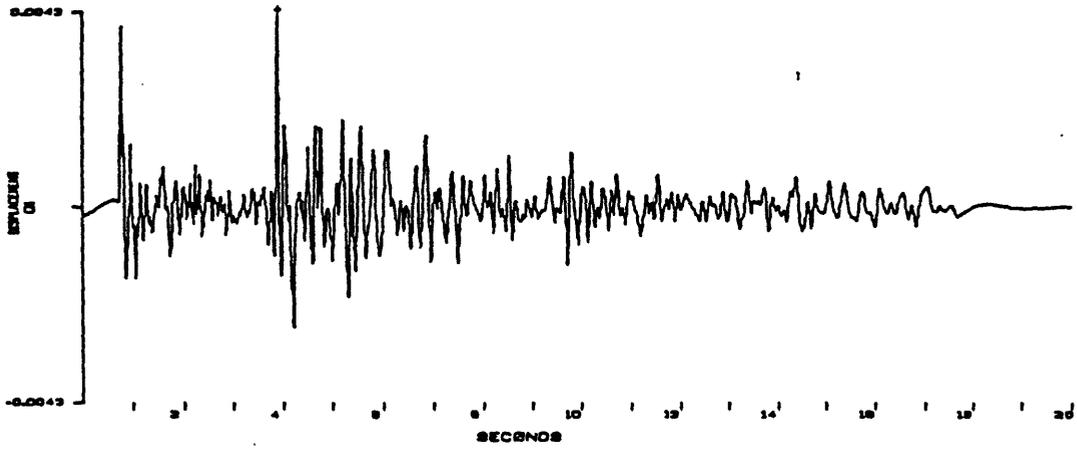
IMPERIAL VALLEY EARTHQUAKE, 10/29/79, 05:04:07 UTC, ML=3.0
FIXATION CRK., VERT



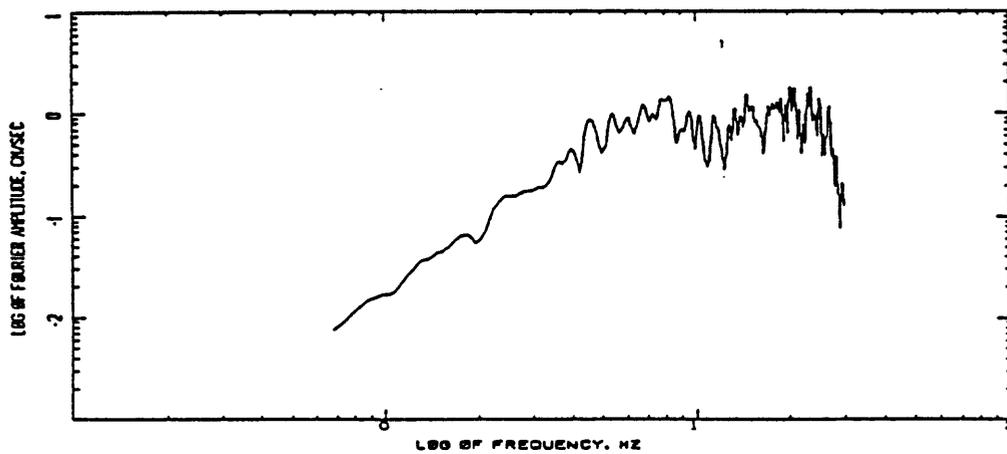
IMPERIAL VALLEY EARTHQUAKE, 12/20/79, 09:04:07 UTC, ML=3.0
STATION ERN, VERT



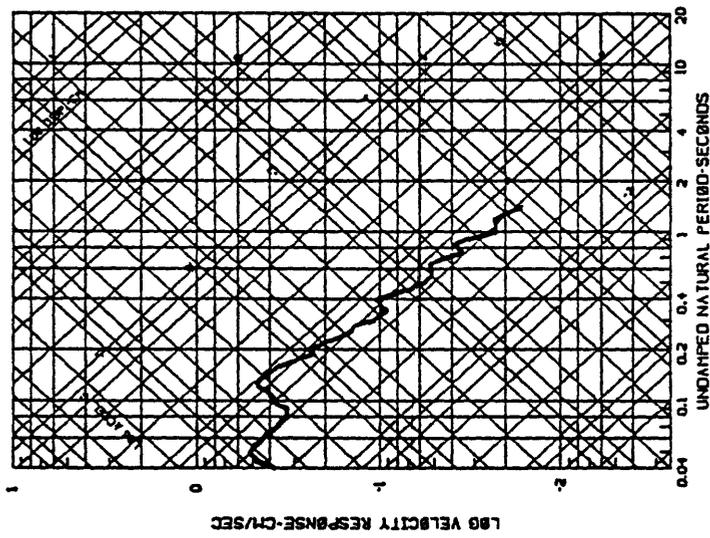
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-5.0
STATION CRK, VERT.



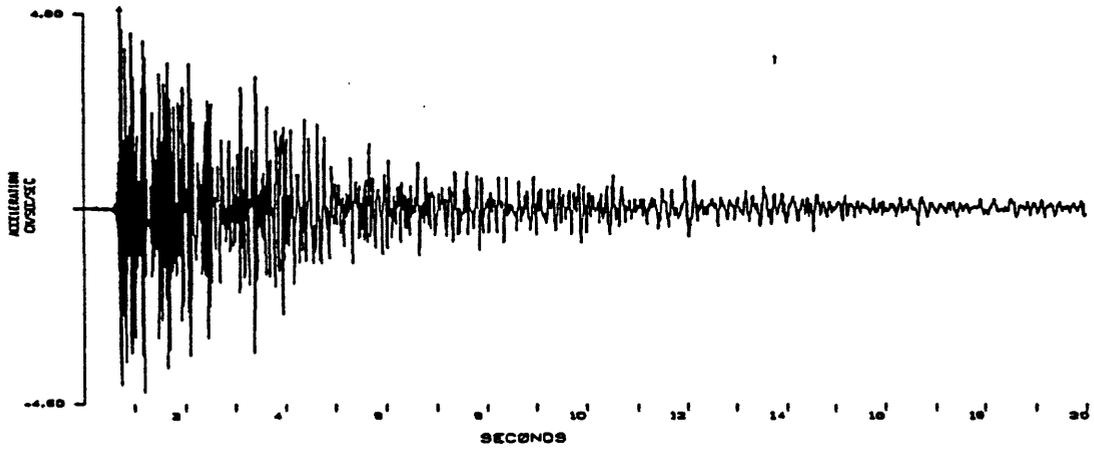
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, STATION 107, UIC, PL-3.0
COMPUTING OPTIONS- ZCROSS, BHOBT, KIO, NONGISE



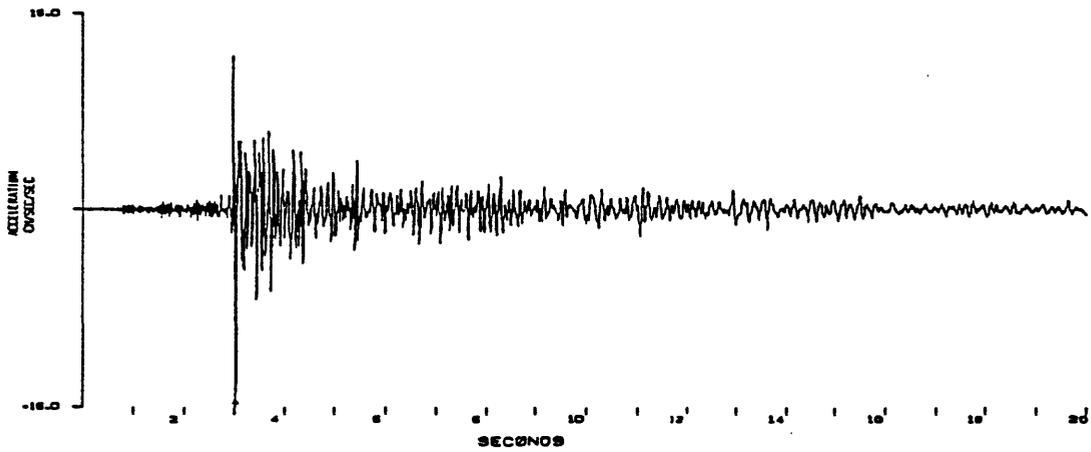
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
STATION CRK, VERT
5 PERCENT CRITICAL DAMPING



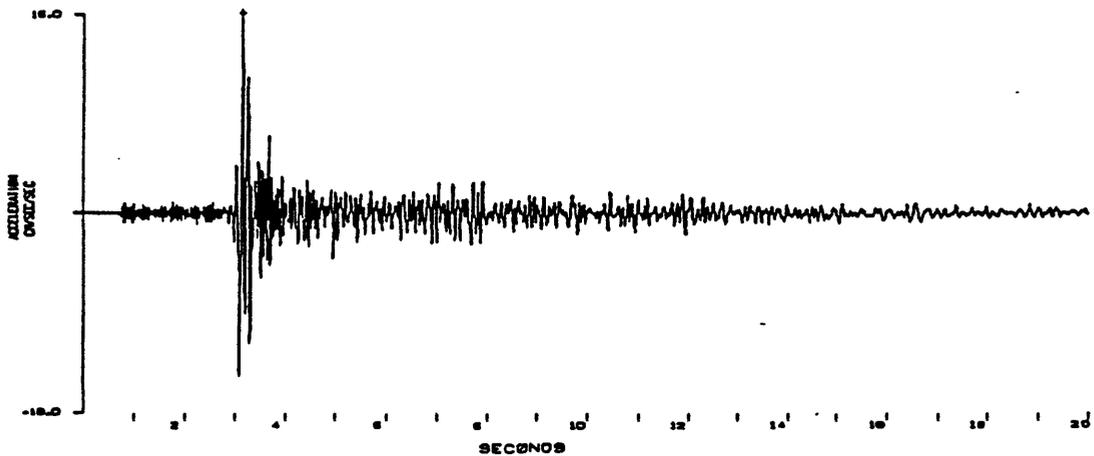
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04.07 UTC, ML-3.0
STATION PBR, VERT



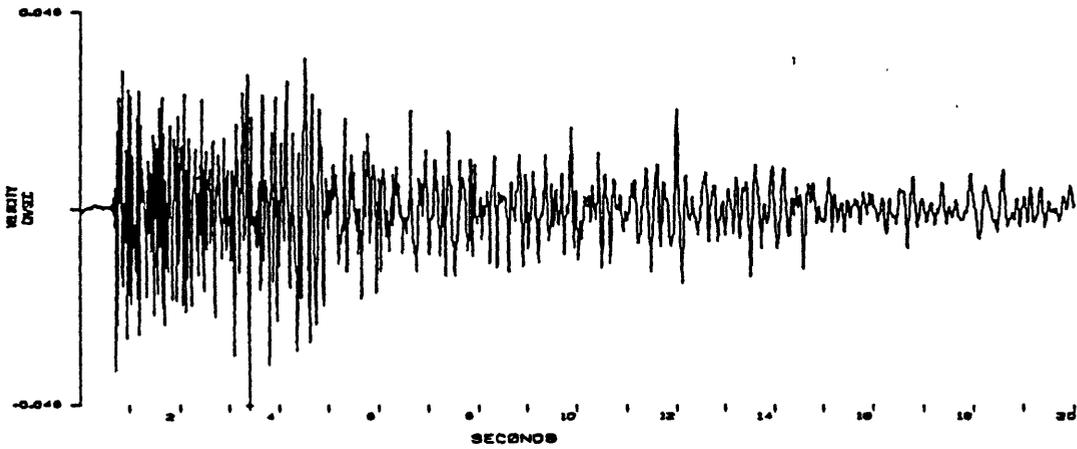
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04.07 UTC, ML-3.0
STATION PBR, 000



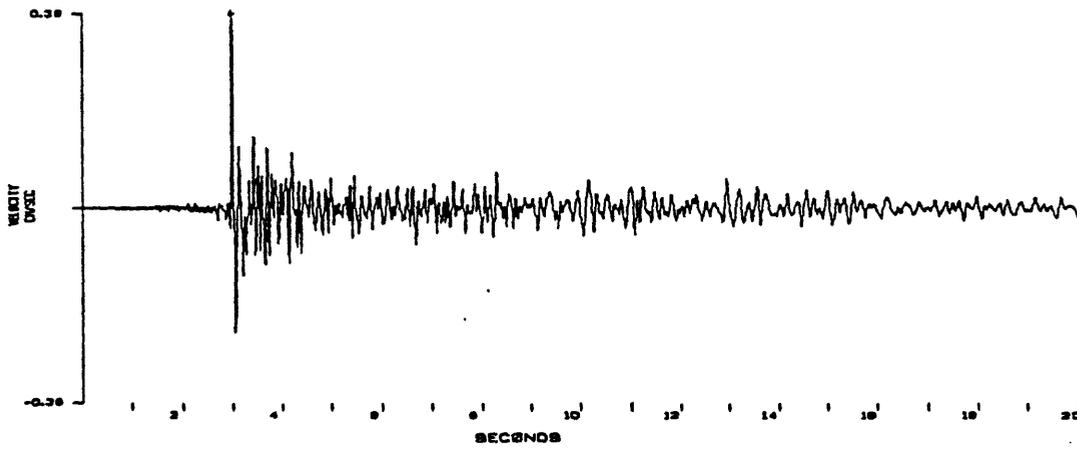
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04.07 UTC, ML-3.0
STATION PBR, 278



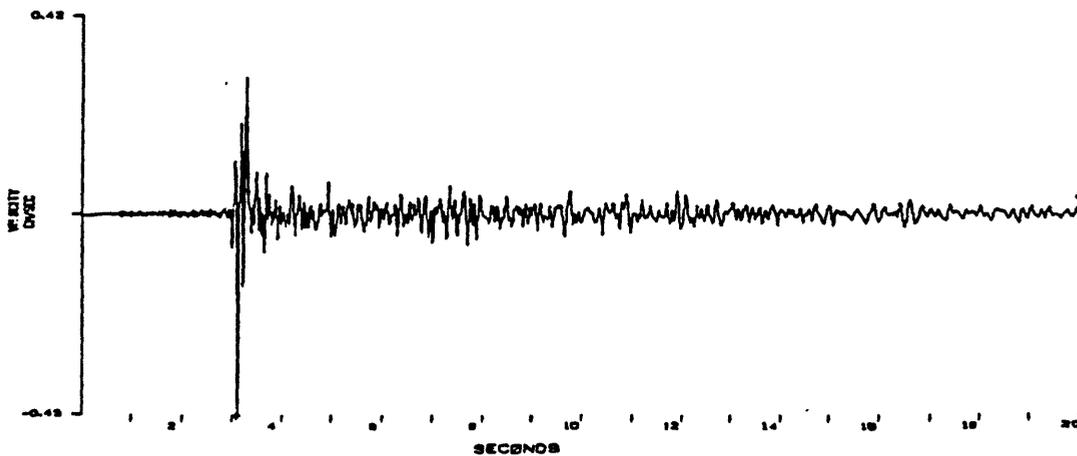
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION FBR, VER1



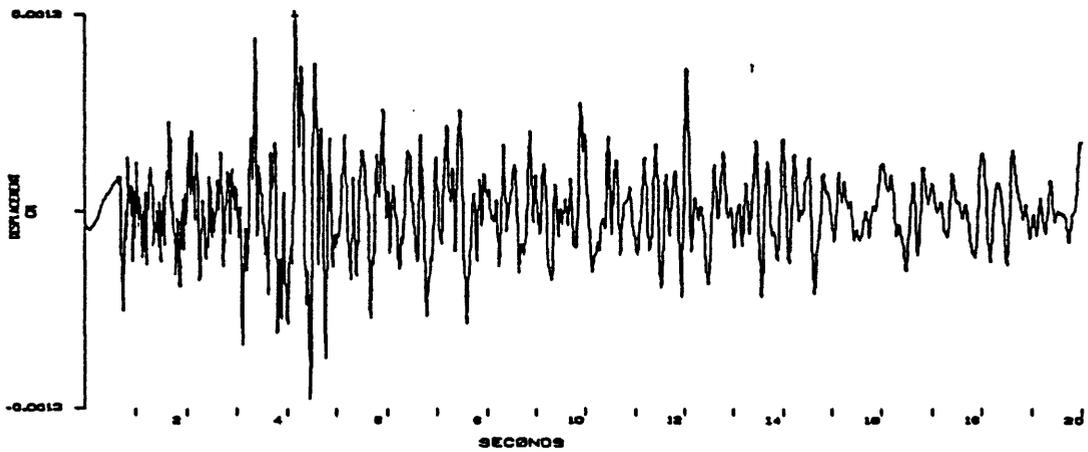
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION FBR, D08



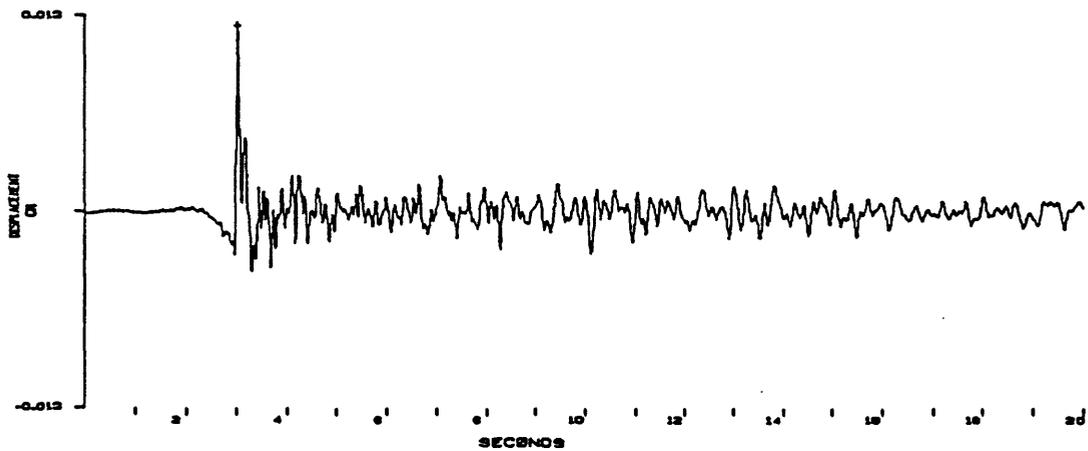
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION FBR, D28



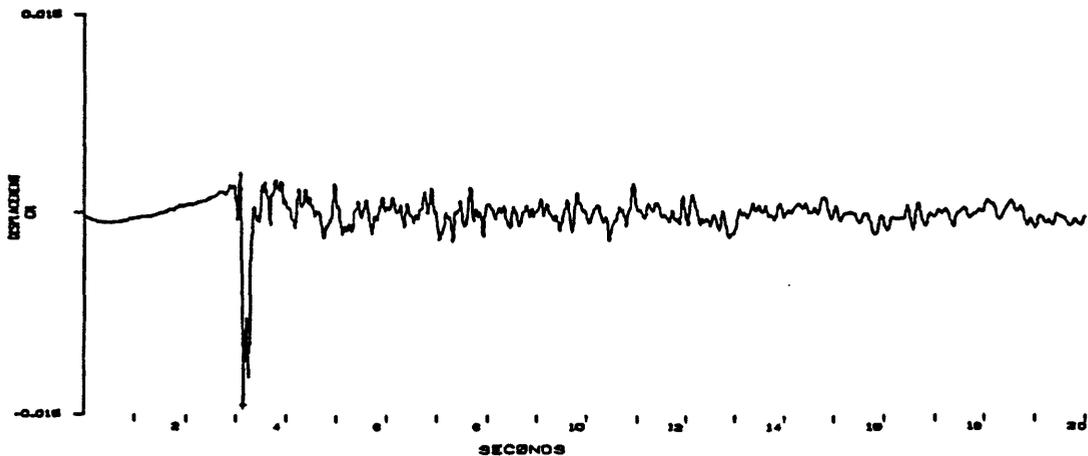
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, VERT



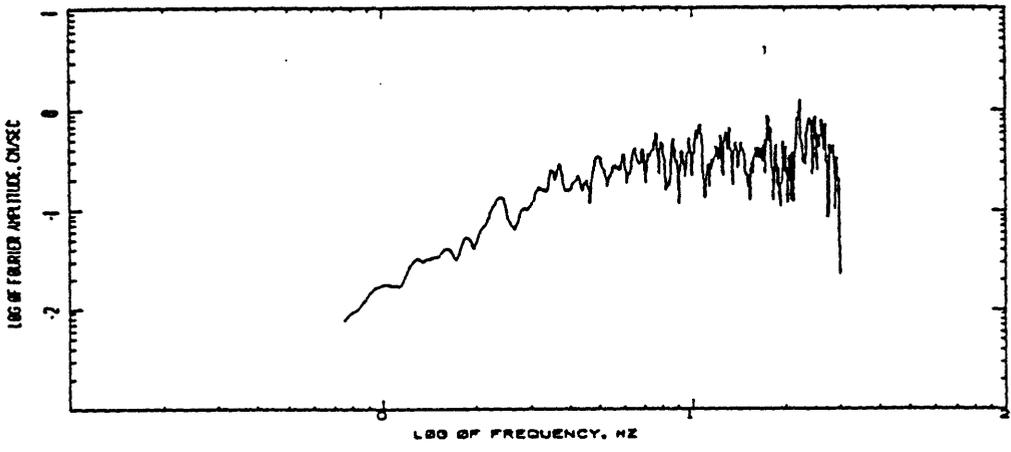
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, 600



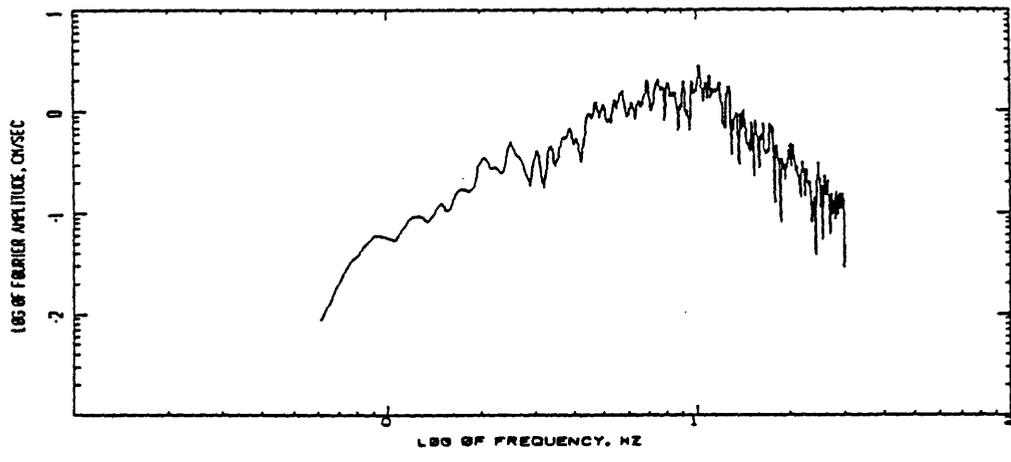
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, 370



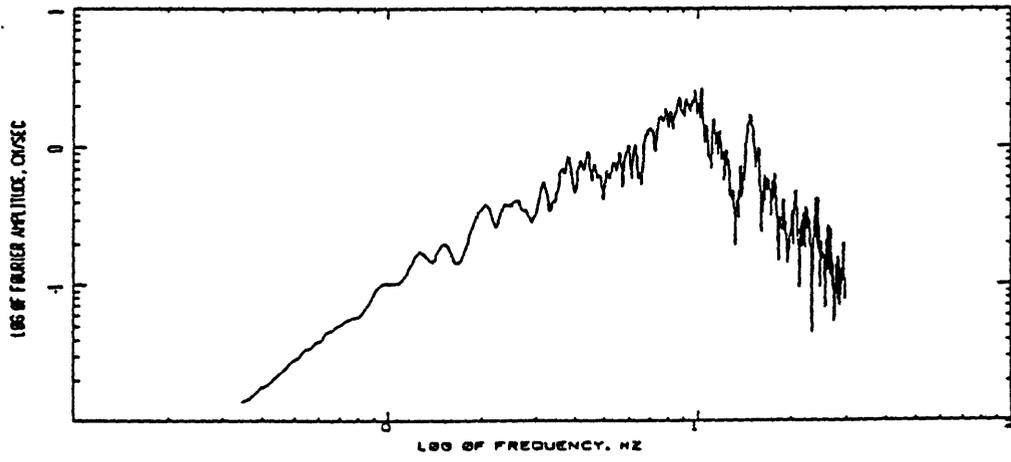
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:02:07 UTC, RL-3.0
STATION 18A, 220
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONBIS



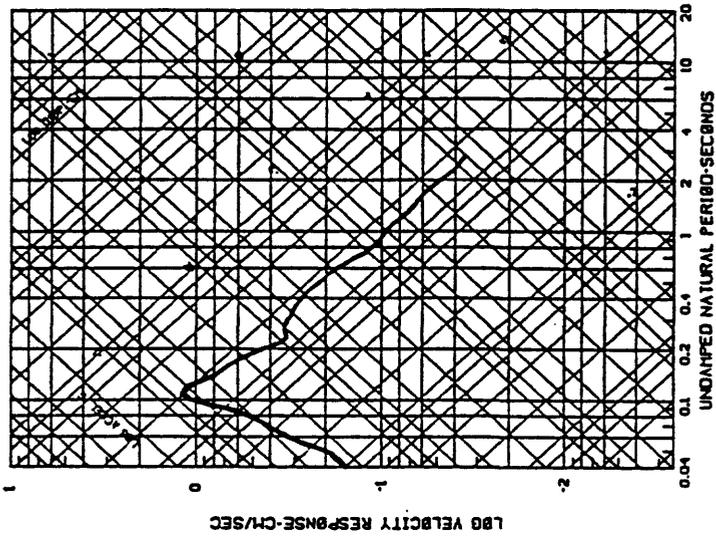
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:02:07 UTC, RL-3.0
STATION 18A, 220
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONBIS



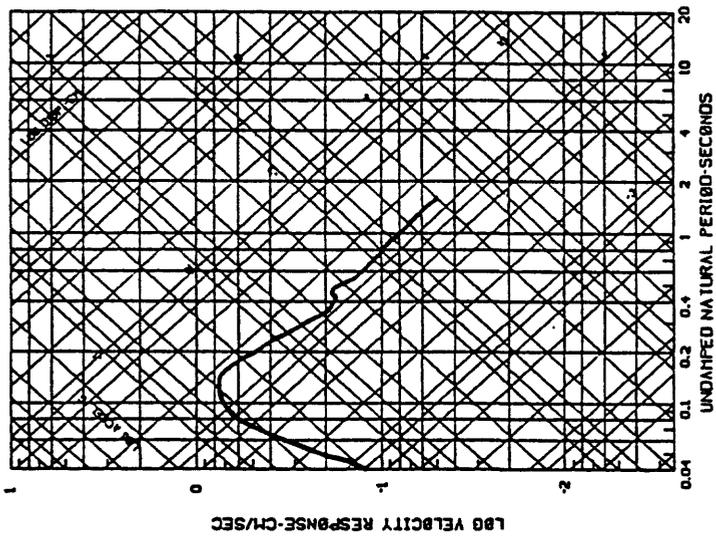
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:02:07 UTC, RL-3.0
STATION 18A, 220
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONBIS



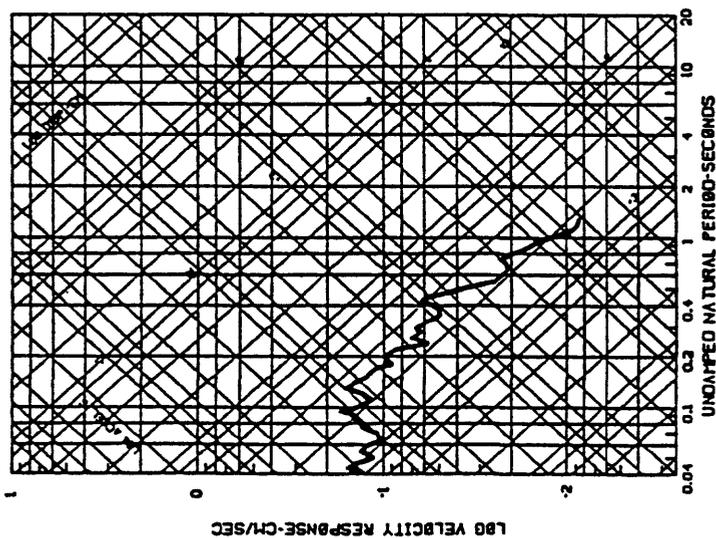
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION FRS, 270
 5 PERCENT CRITICAL DAMPING



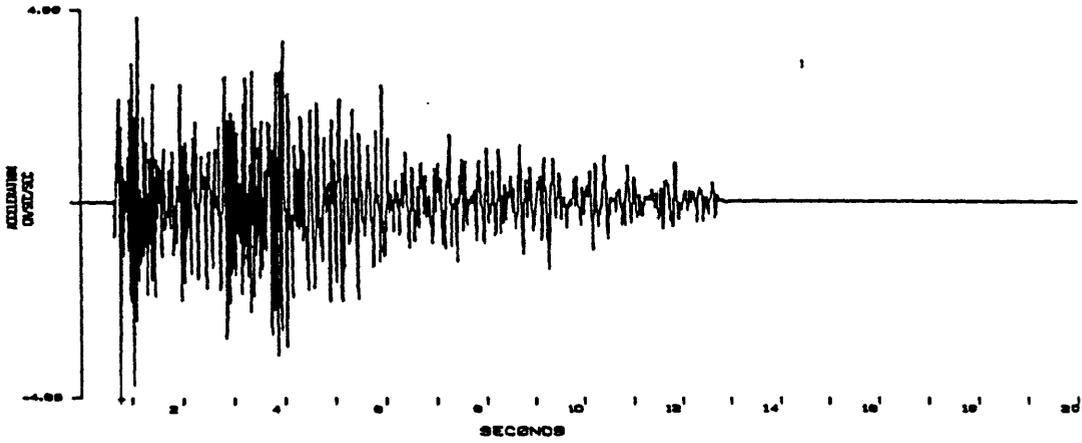
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION FRS, 000
 5 PERCENT CRITICAL DAMPING



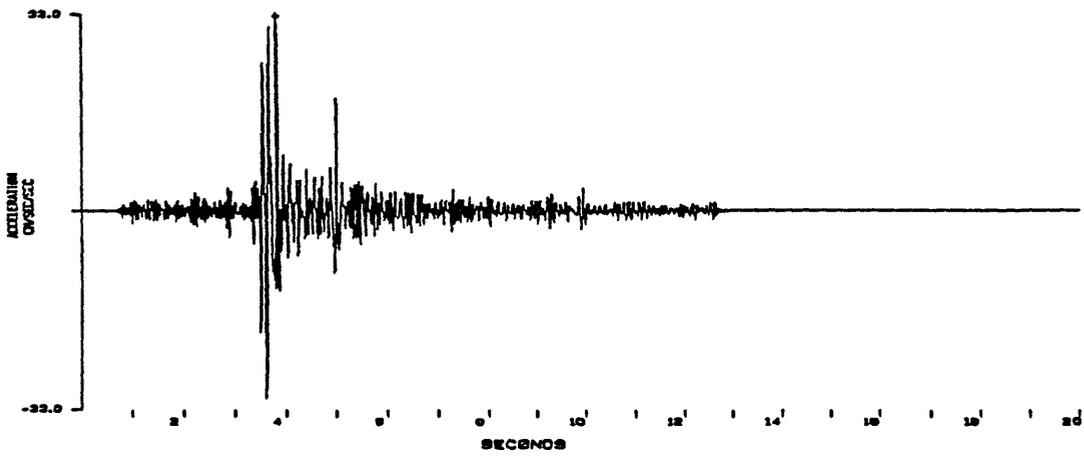
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION FRS, VERT
 5 PERCENT CRITICAL DAMPING



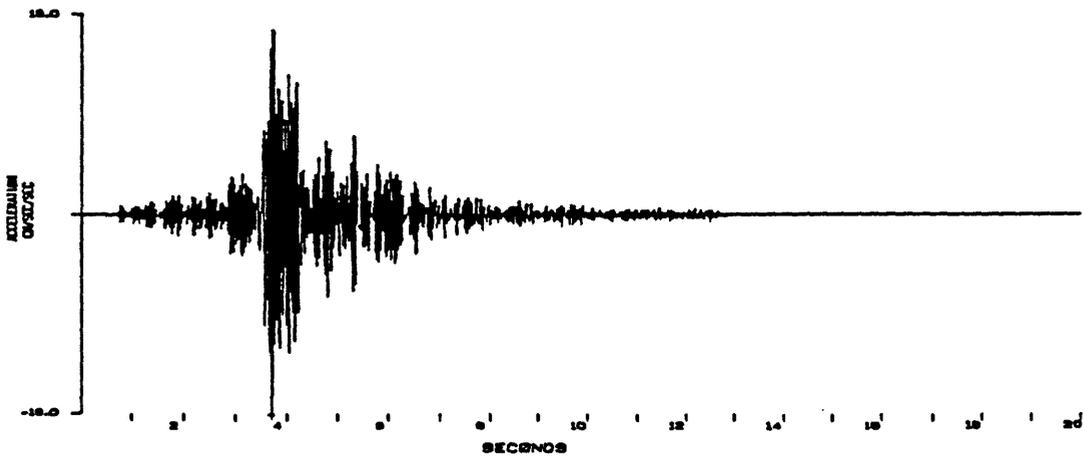
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 385, VERT



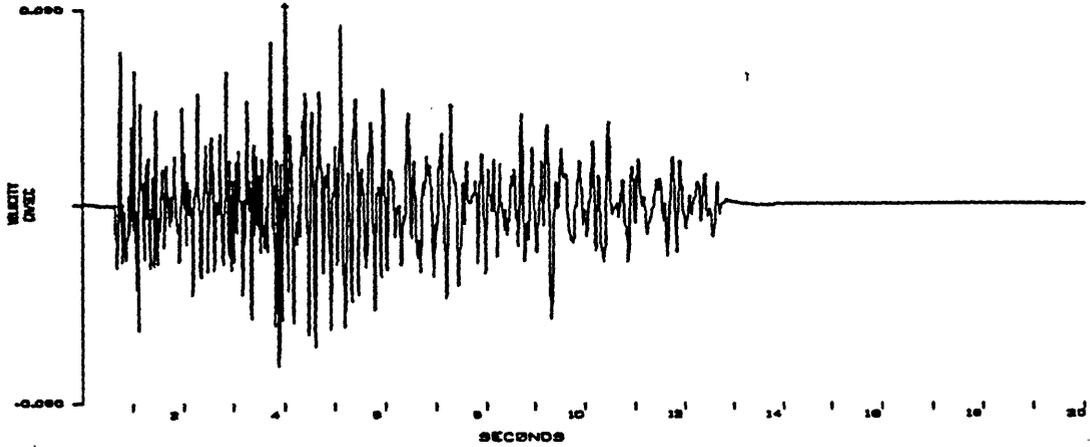
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 046, DOO



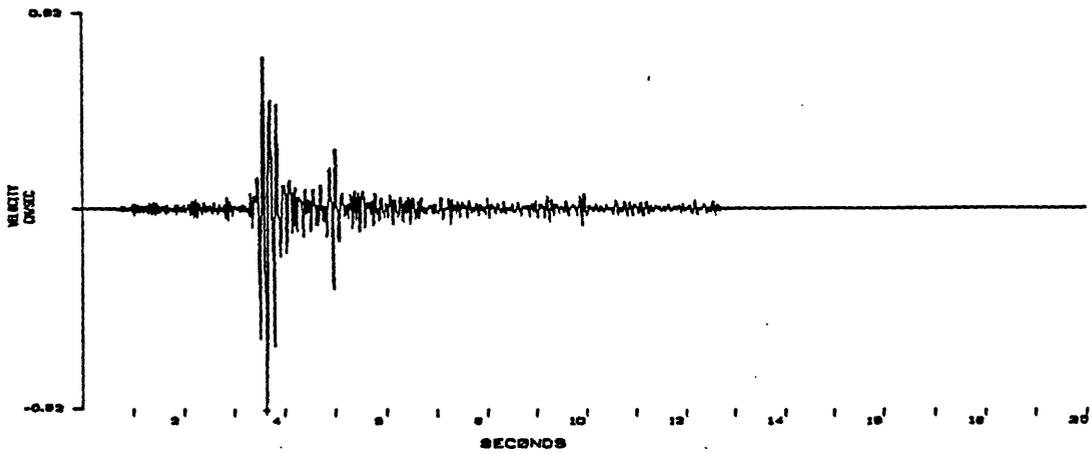
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 046, 278



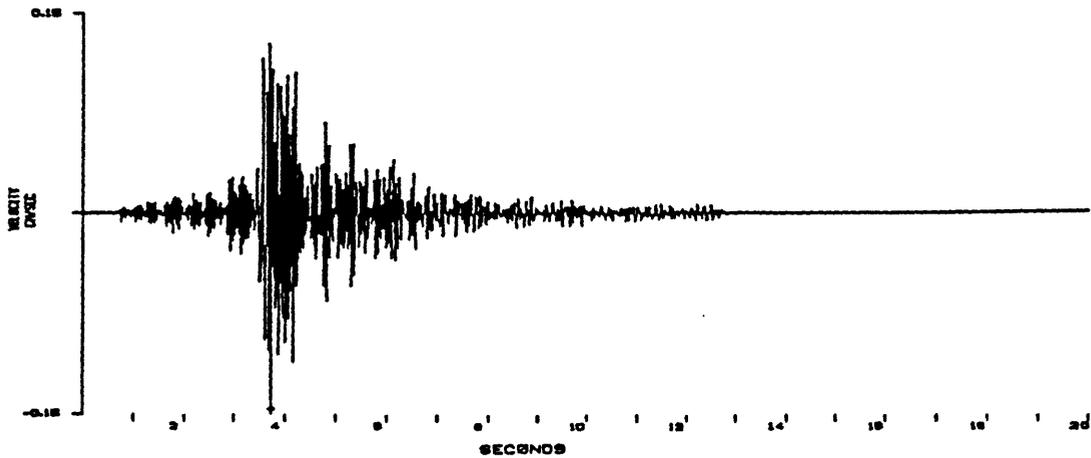
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORG, VERT



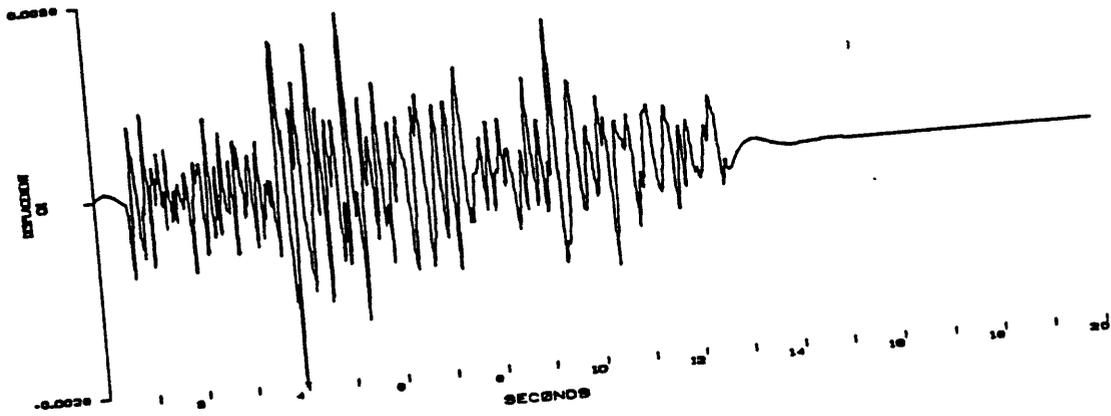
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORG, BOB



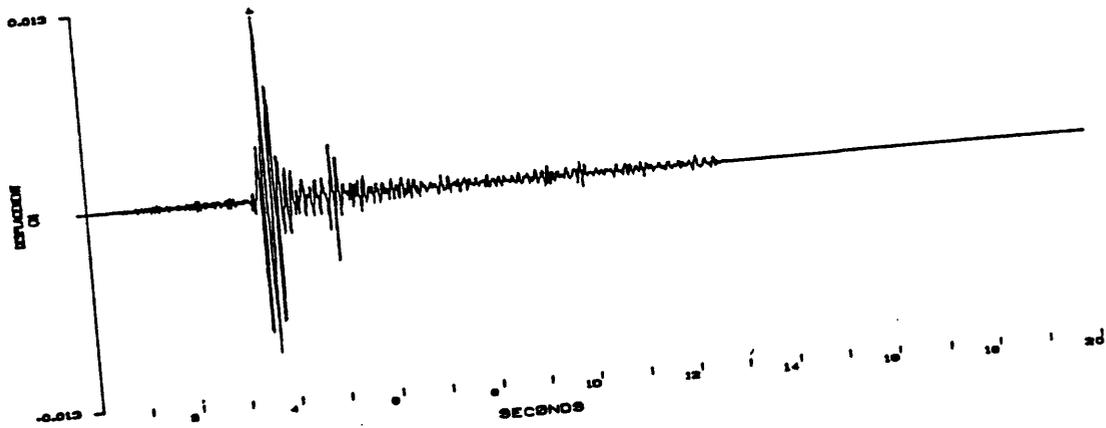
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORG, 370



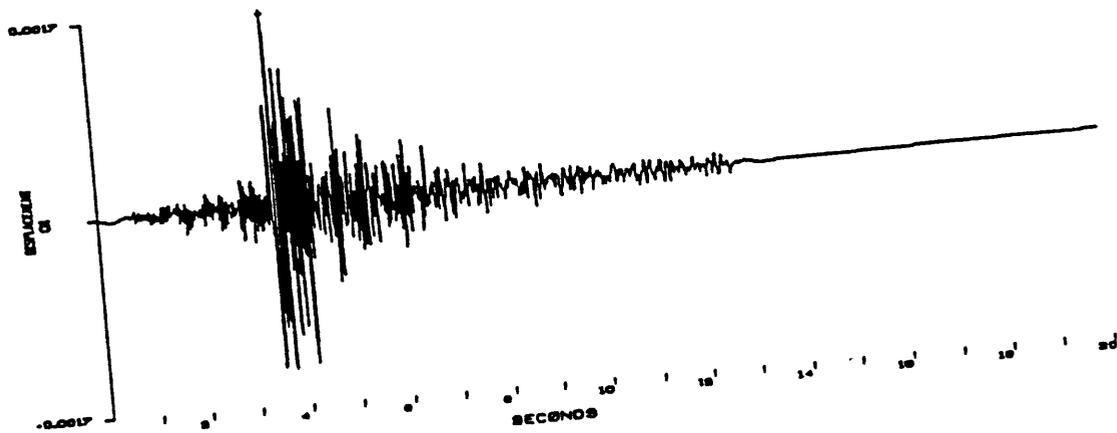
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR2, VERT



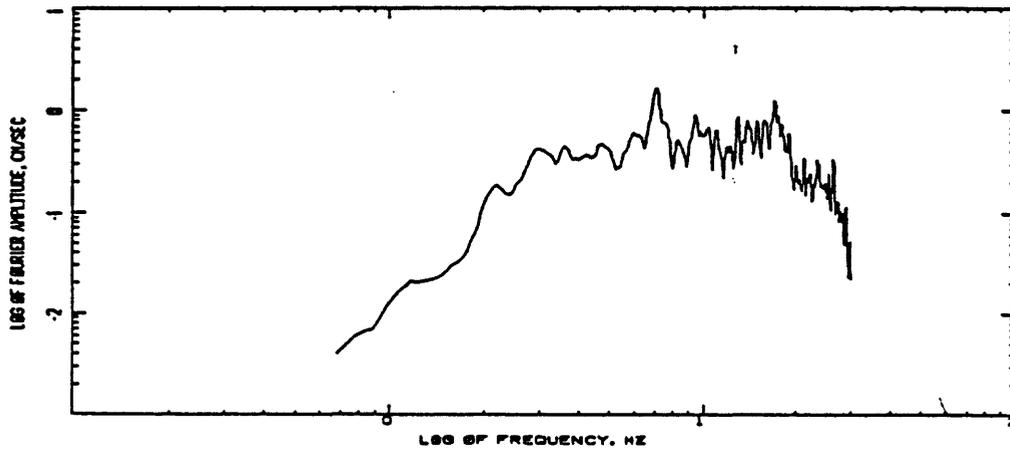
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR6, DOB



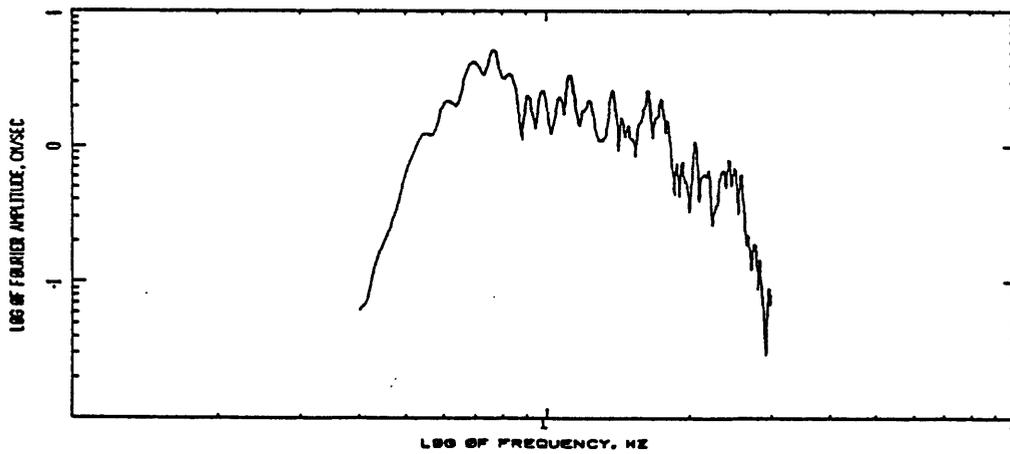
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR6, ZFB



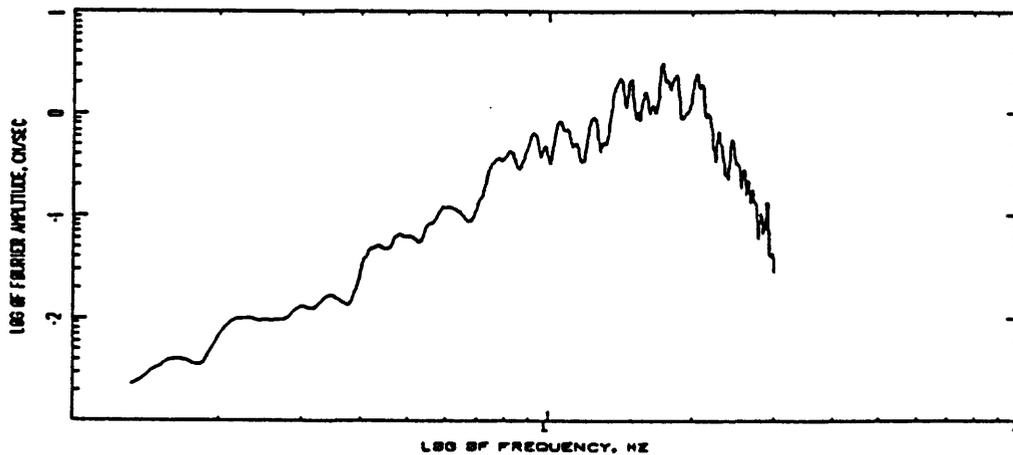
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07:57:08, 09:04:57 UTC, PL-3.0
STATION 086, 078
COMPUTING OPTIONS- ZCROSS,SHB8TK10I,NSNSISE



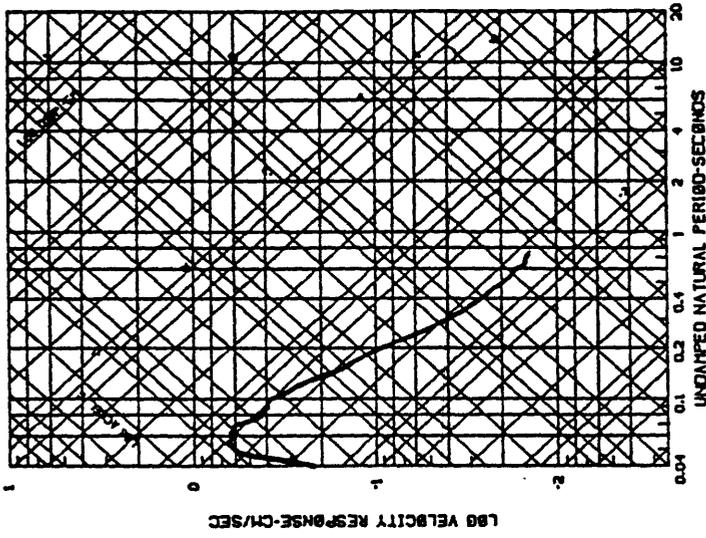
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07:57:08, 09:04:57 UTC, PL-3.0
STATION 086, 078
COMPUTING OPTIONS- ZCROSS,SHB8TK10I,NSNSISE



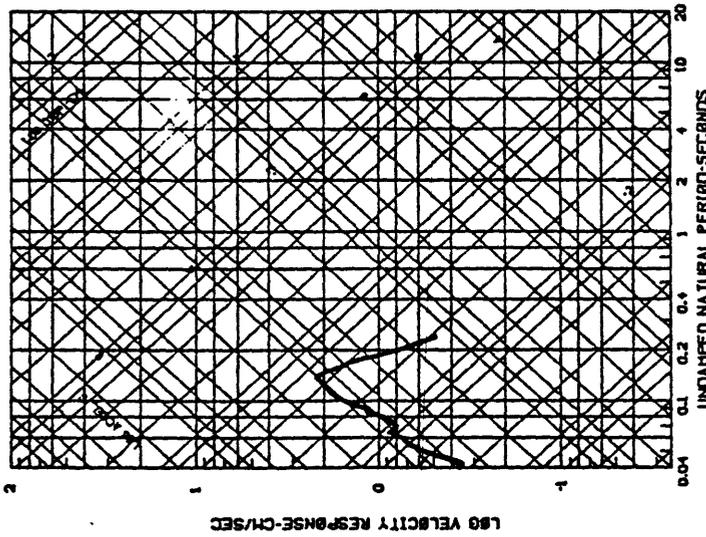
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07:57:08, 09:04:57 UTC, PL-3.0
STATION 086, 078
COMPUTING OPTIONS- ZCROSS,SHB8TK10I,NSNSISE



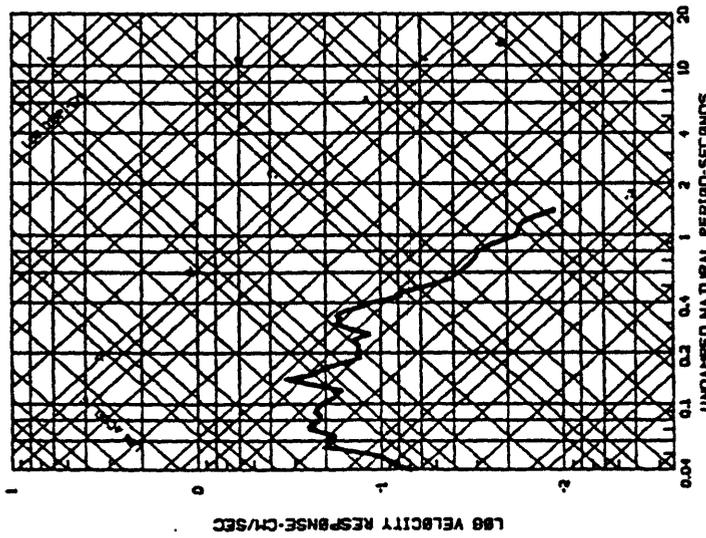
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, M-3.0
 STATION GRS 270
 5 PERCENT CRITICAL DAMPING



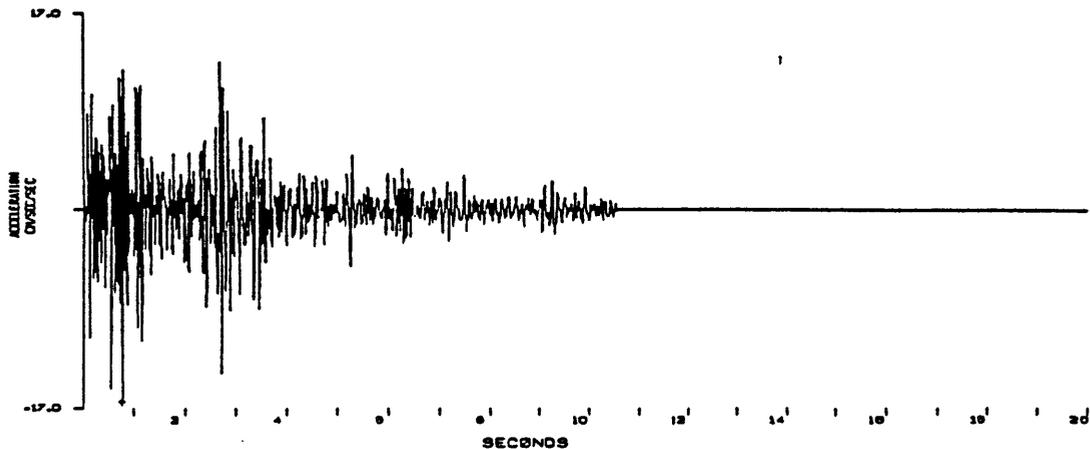
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, M-3.0
 STATION GRS 000
 5 PERCENT CRITICAL DAMPING



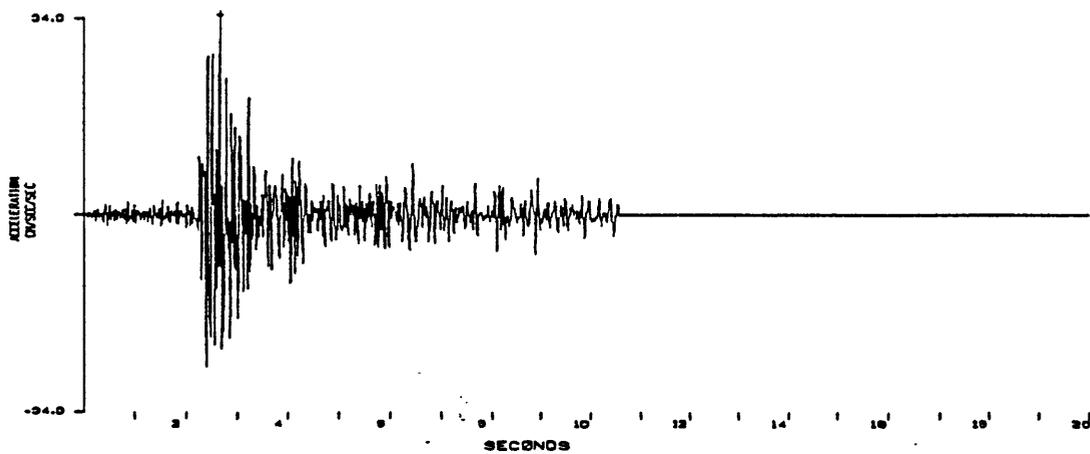
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, M-3.0
 STATION GRS VER
 5 PERCENT CRITICAL DAMPING



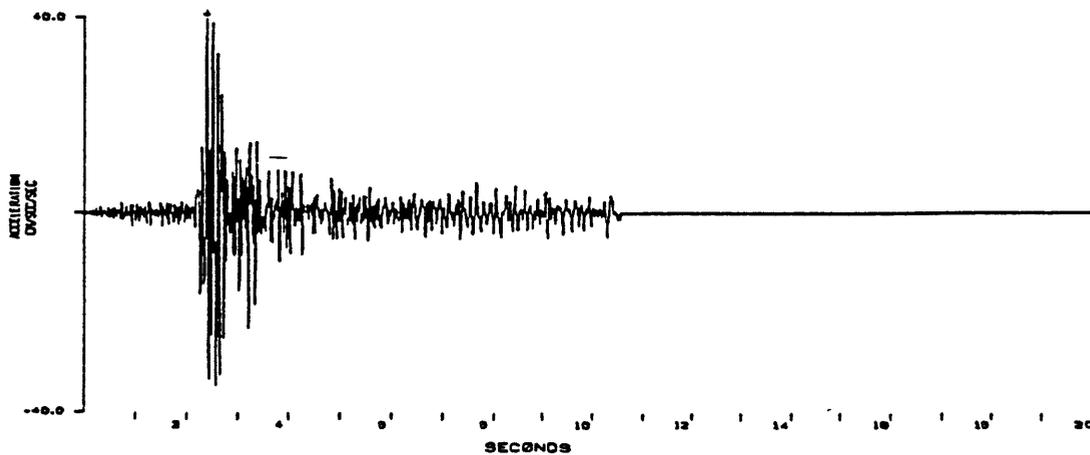
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION XVR, VERT



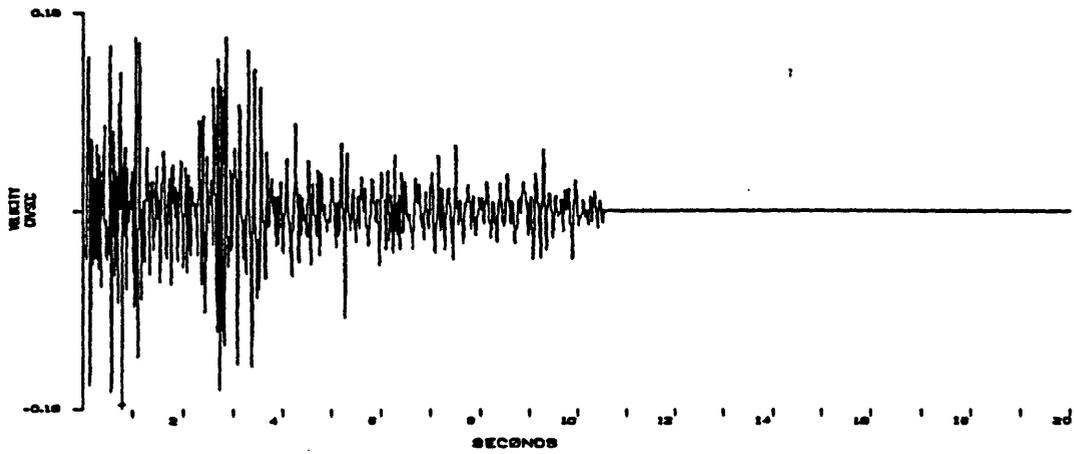
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION XVR, 270



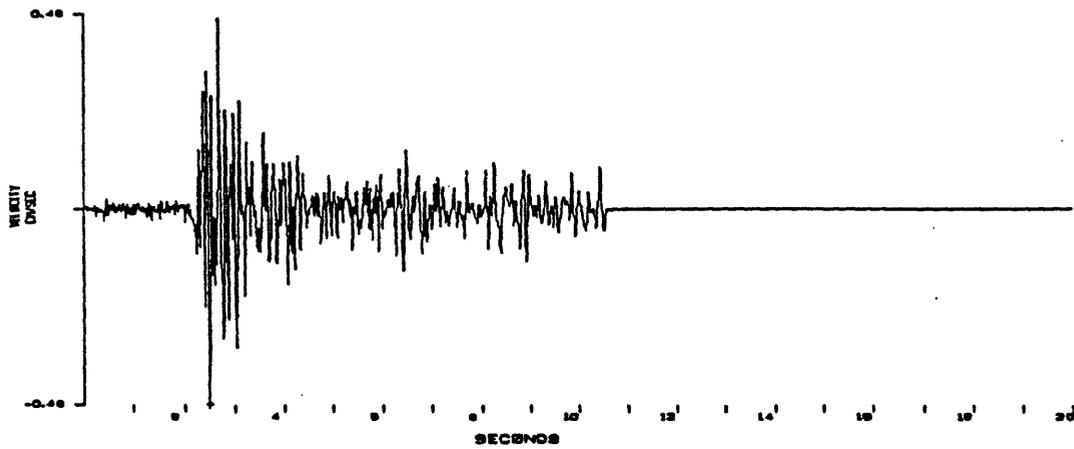
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION XVR, 000



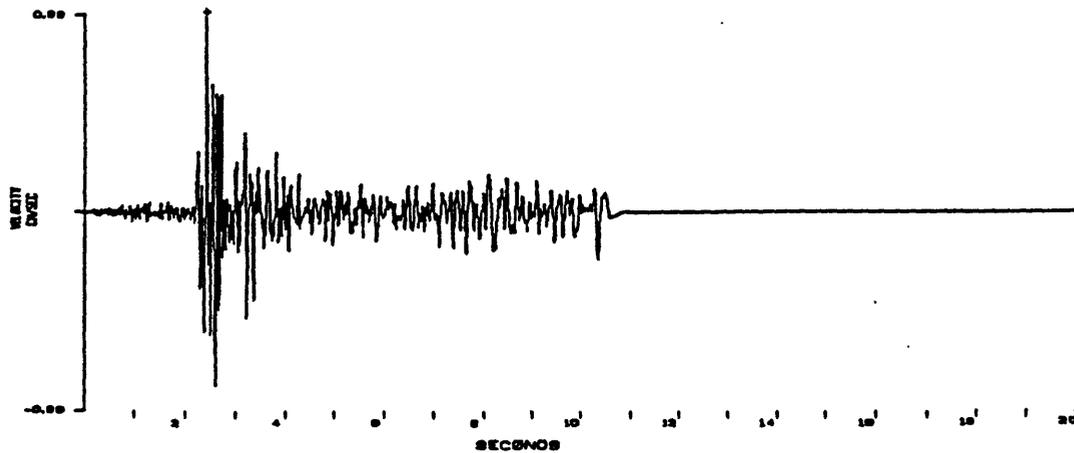
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-5.0
STATION XVR, VERT



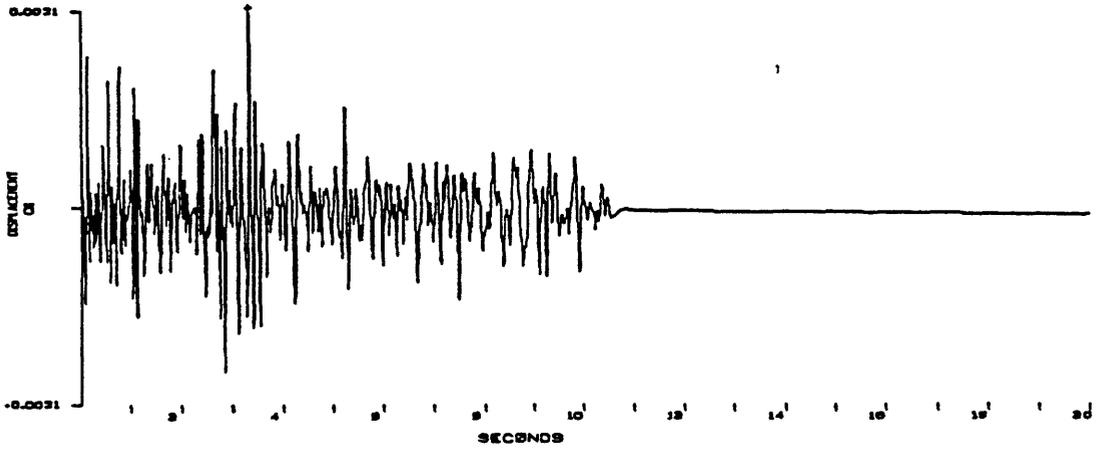
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-5.0
STATION XVR, 278



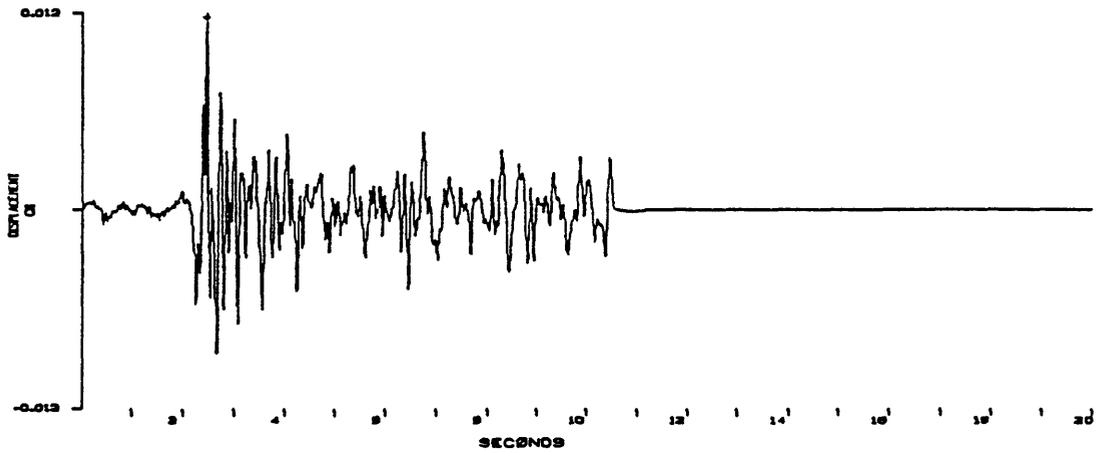
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-5.0
STATION XVR, 578



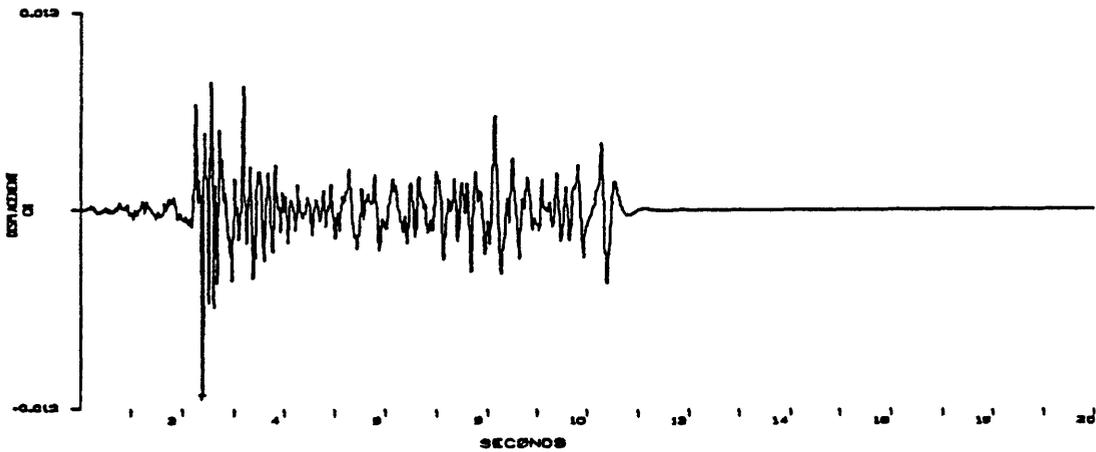
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KYR, VERT



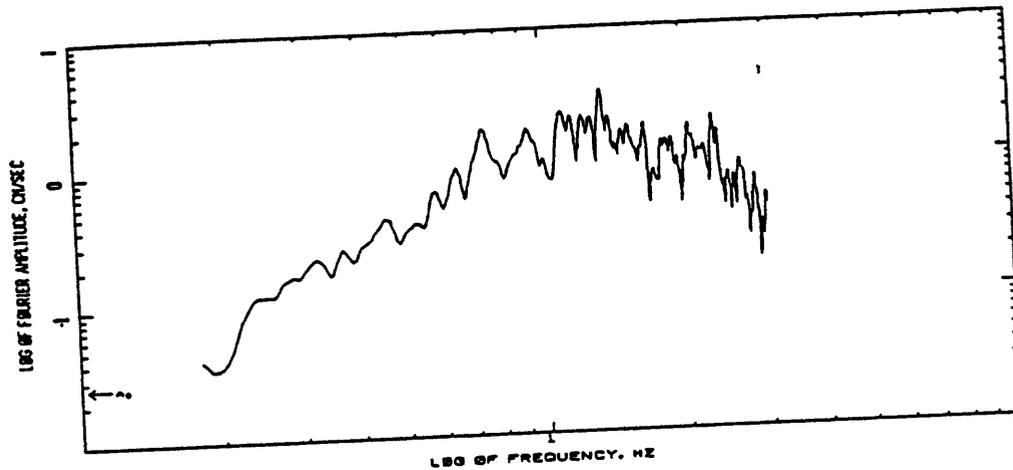
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KYR, 278



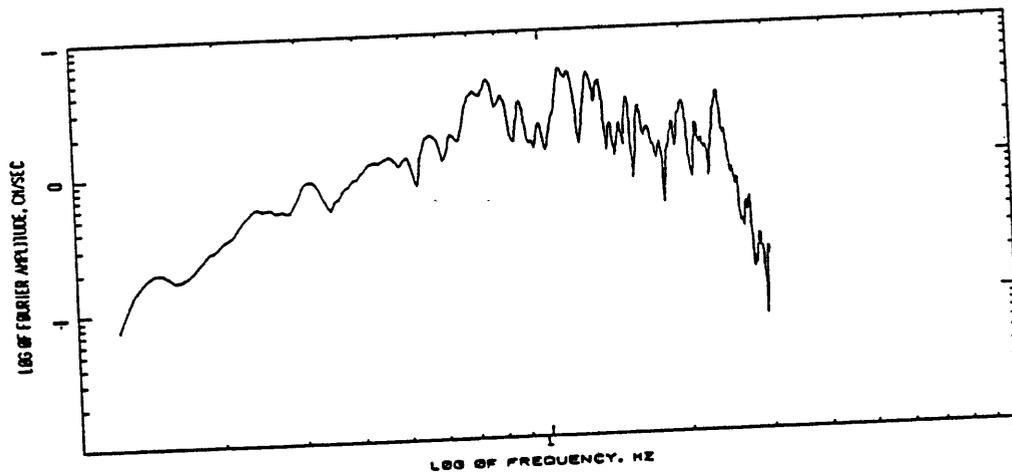
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KYR, 608



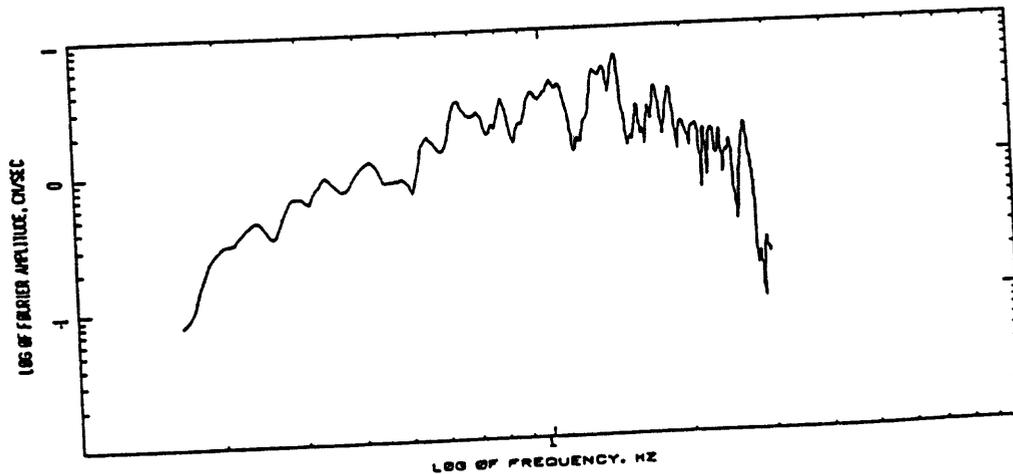
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/20/72, 08:02:10 UTC, PL-3.0
 STATION X2A, DOP
 COMPUTING OPTIONS - ZCRSS,SHOOTHKIO,NONBIE



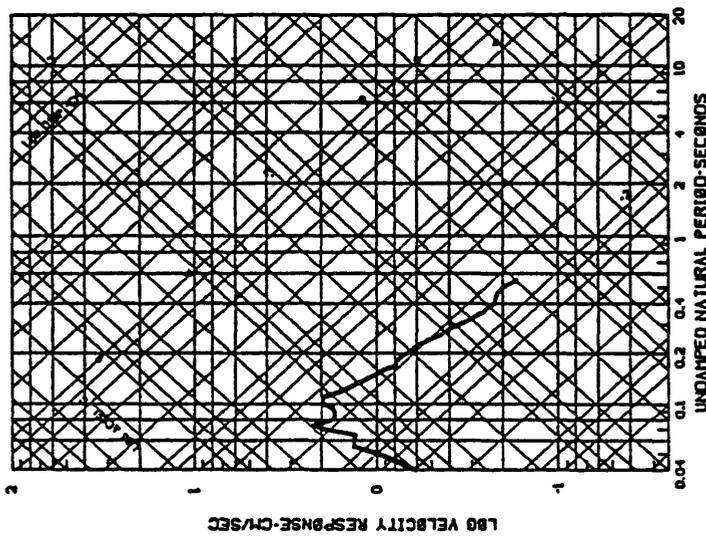
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/20/72, 08:02:10 UTC, PL-3.0
 STATION X2A, DOP
 COMPUTING OPTIONS - ZCRSS,SHOOTHKIO,NONBIE



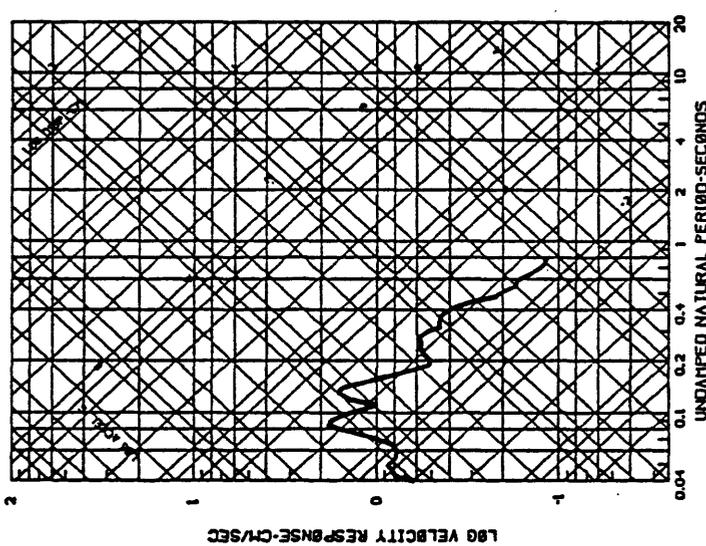
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/20/72, 08:02:10 UTC, PL-3.0
 STATION X2A, DOP
 COMPUTING OPTIONS - ZCRSS,SHOOTHKIO,NONBIE



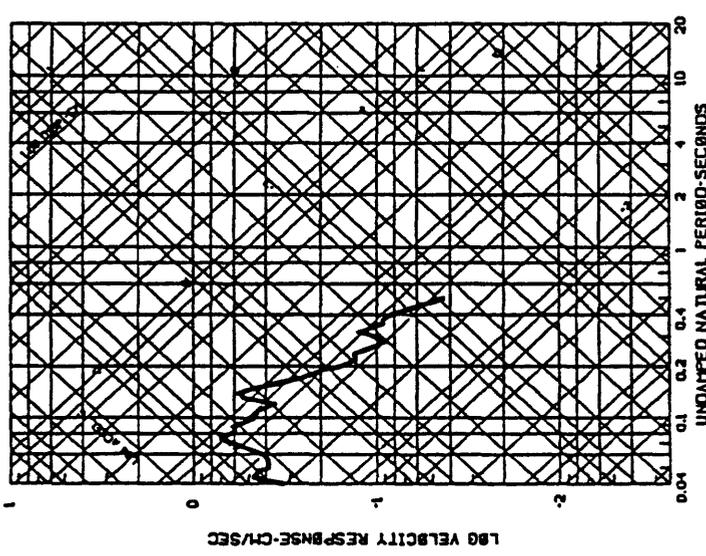
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION 67R, 000
 5 PERCENT CRITICAL DAMPING



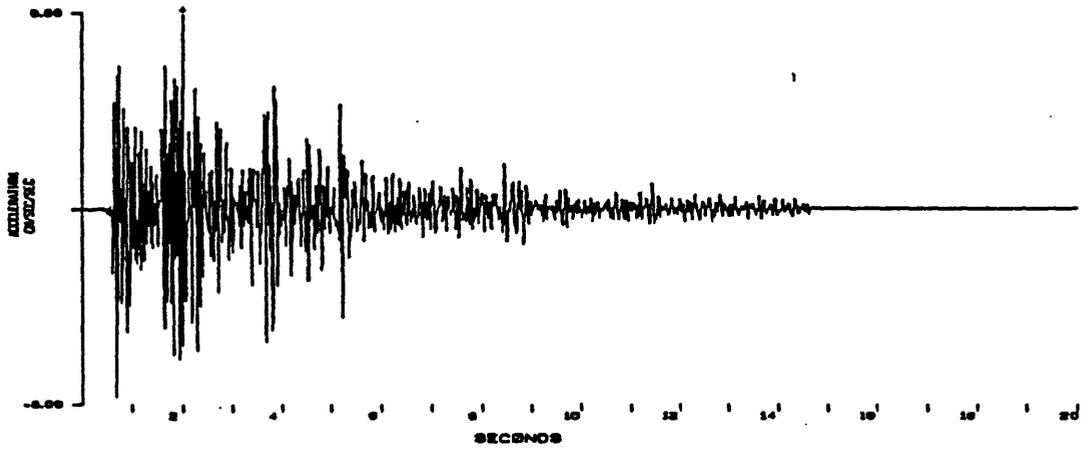
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION 67R, 270
 5 PERCENT CRITICAL DAMPING



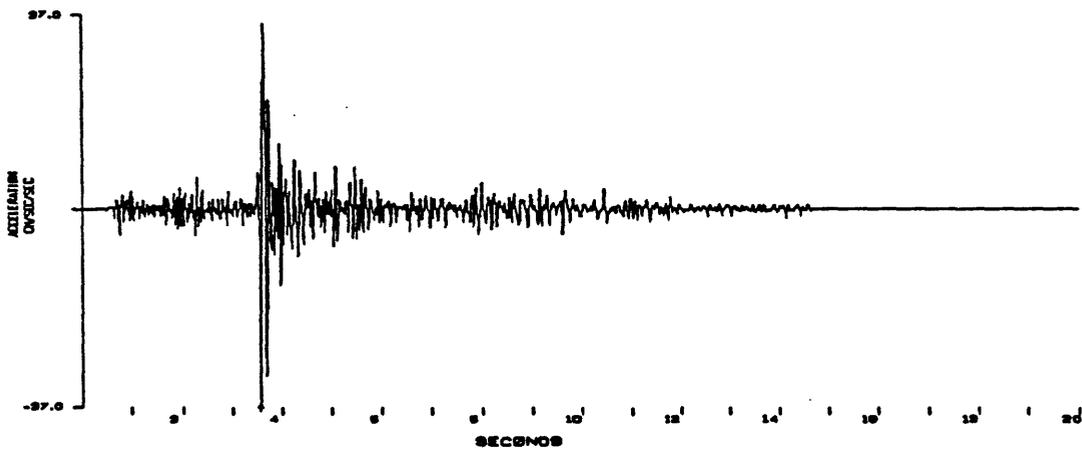
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION 67R, 450
 5 PERCENT CRITICAL DAMPING



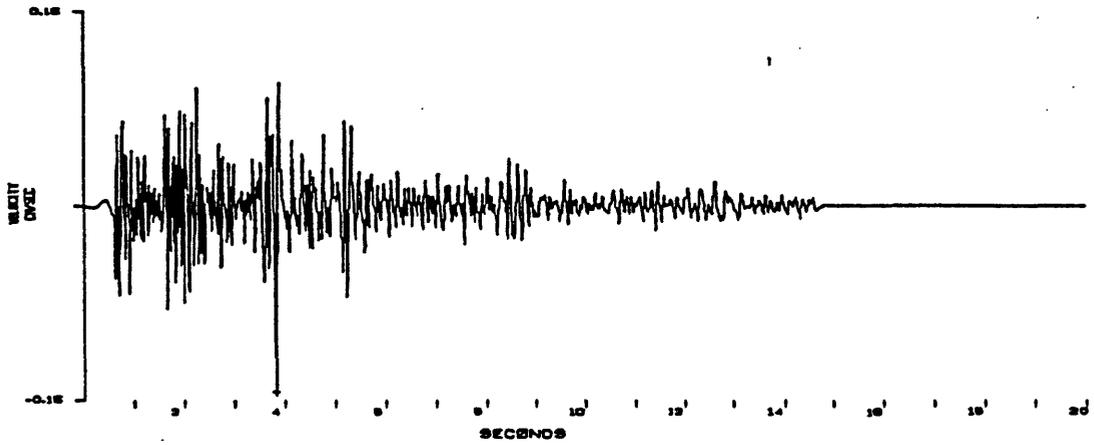
IMPERIAL VALLEY EARTHQUAKE 10/20/79, 08:04:07 UTC, ML-3.0
STATION RVK, VER



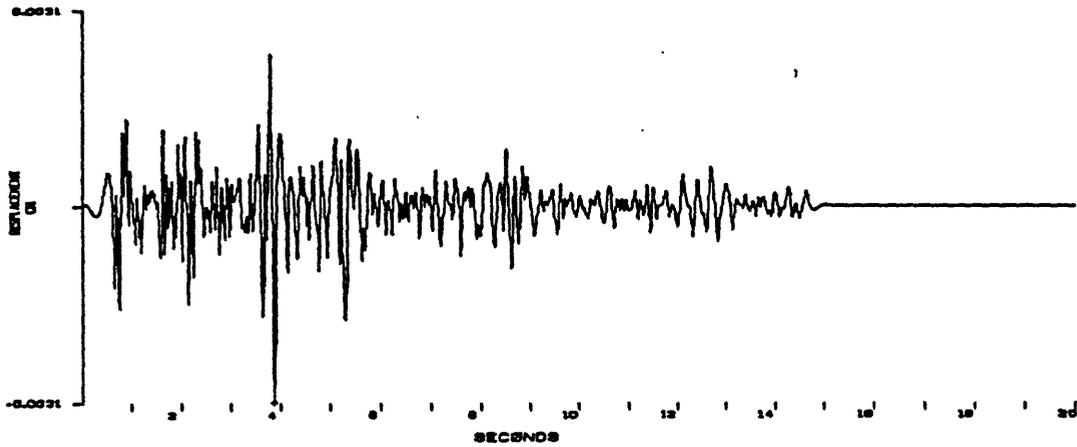
IMPERIAL VALLEY EARTHQUAKE 10/20/79, 08:04:07 UTC, ML-3.0
STATION RVK, 278



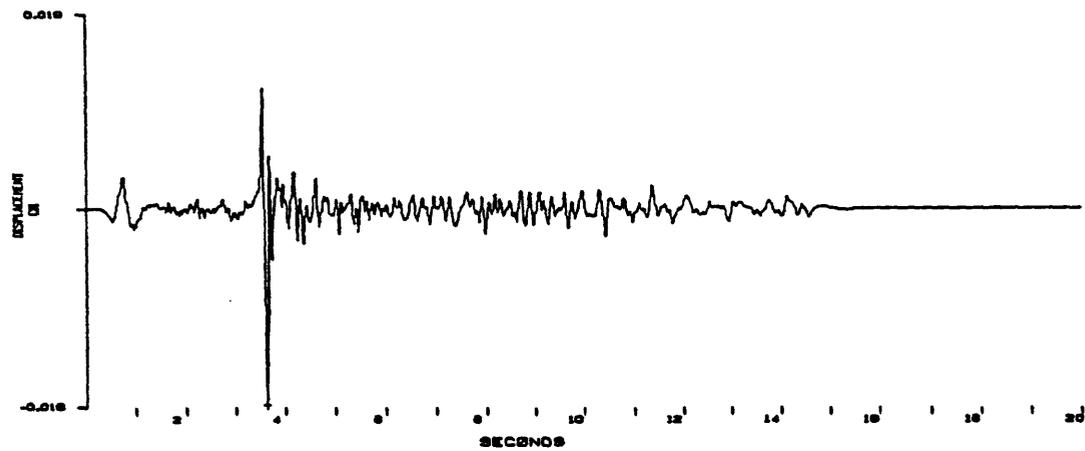
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION RVR, VERT



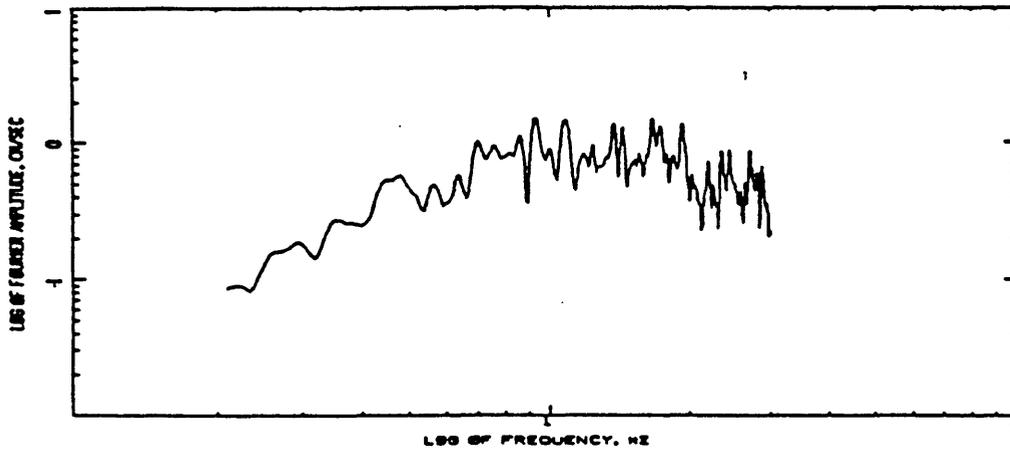
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION RVA, 287



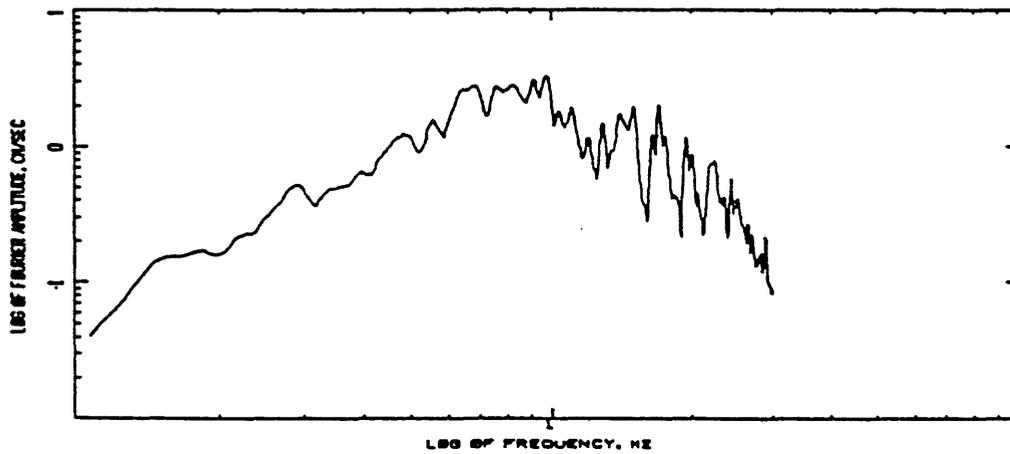
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION RVA, 288



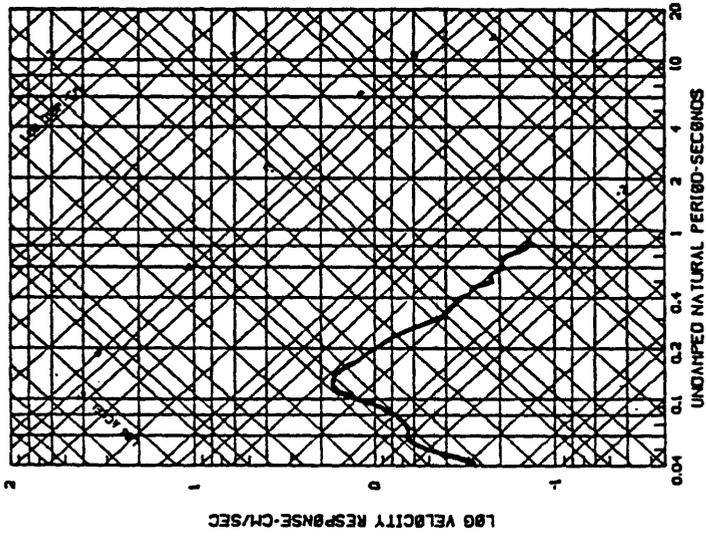
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 0.5% DUCTILITY, $\alpha_c = 3.0$
COMPUTING OPTIONS - ZCRSS, SMOOTH, ION, NONSISE



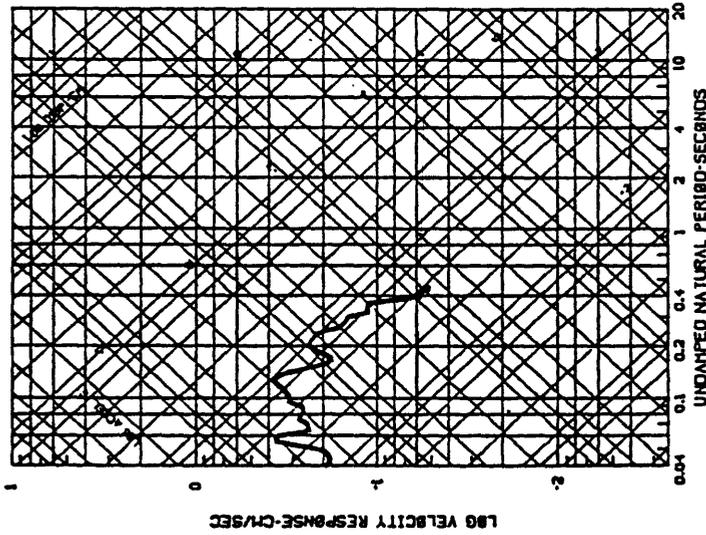
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 0.5% DUCTILITY, $\alpha_c = 3.0$
COMPUTING OPTIONS - ZCRSS, SMOOTH, ION, NONSISE



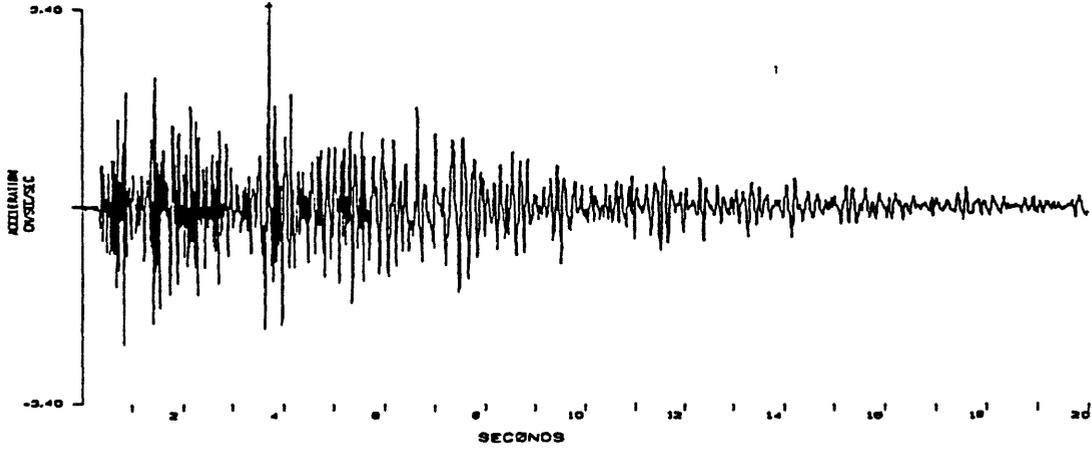
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, M_L-3.0
 STATION 8VCR, 270
 5 PERCENT CRITICAL DAMPING



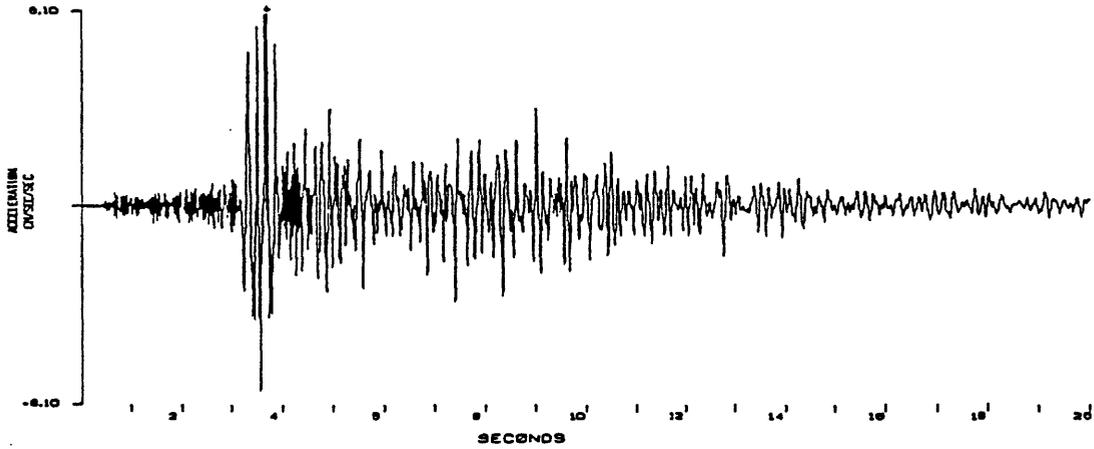
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, M_L-3.0
 STATION 8VCR, VERT
 5 PERCENT CRITICAL DAMPING



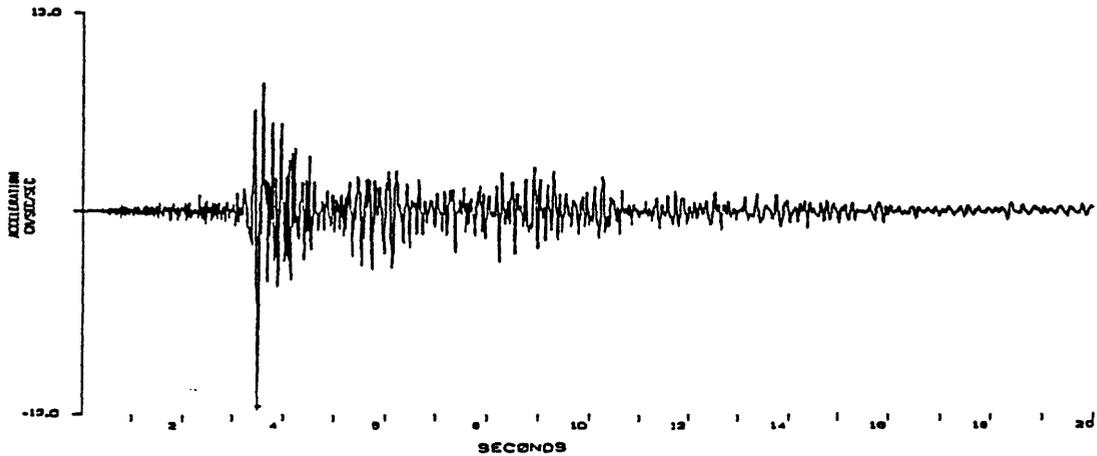
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION SLO, VER



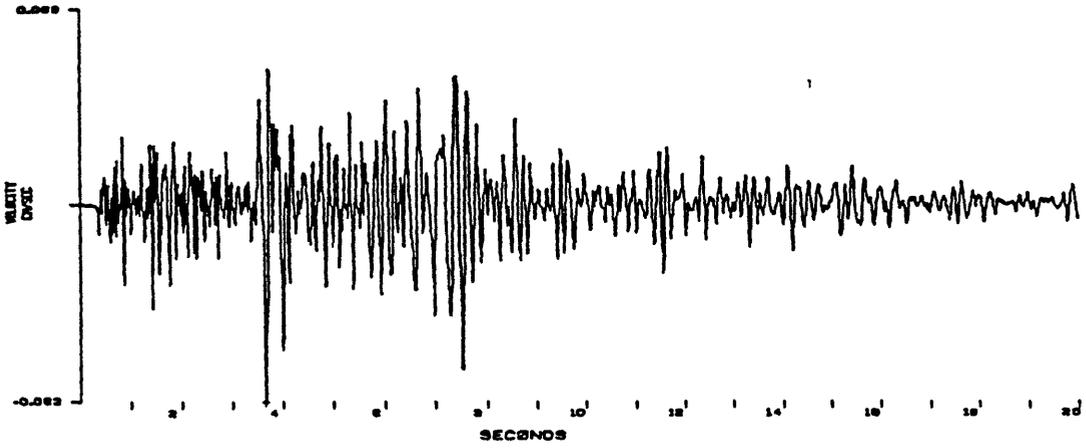
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION SLO, 000



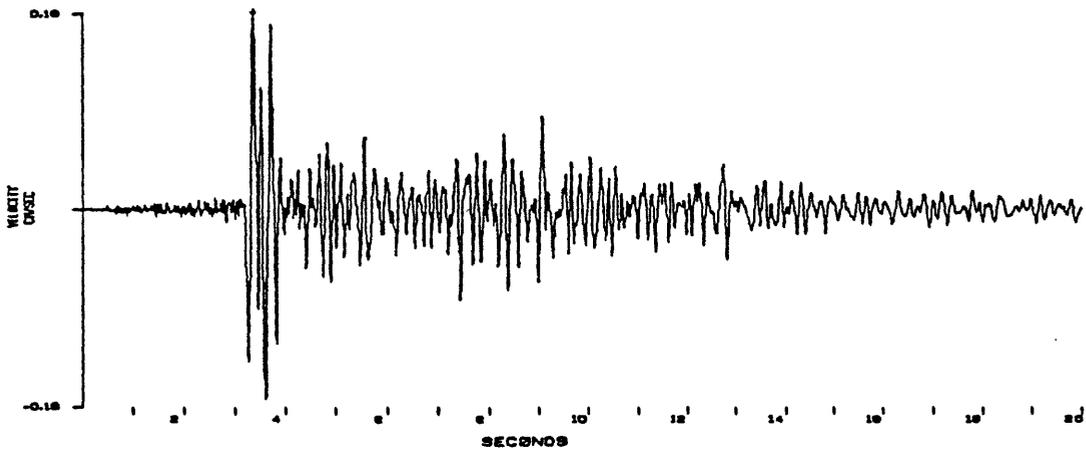
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION SLO, 270



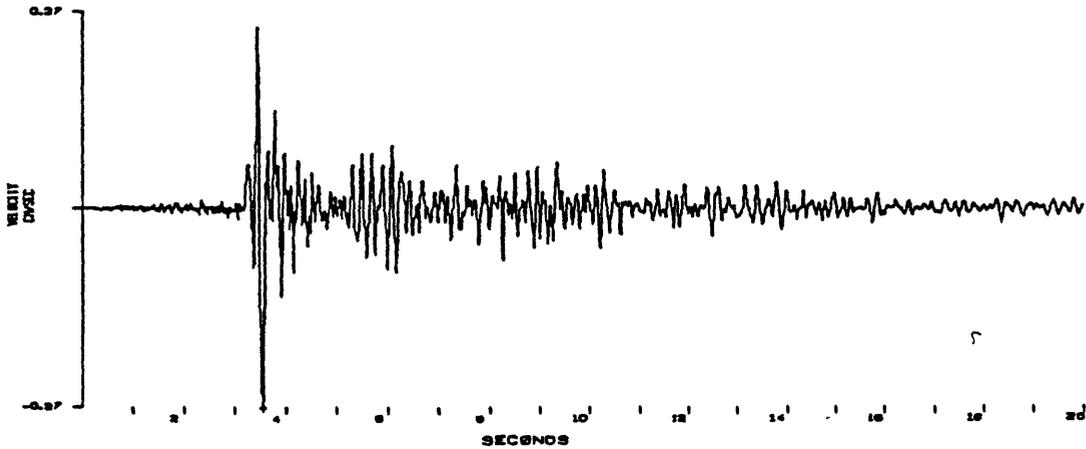
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION SLD, VERT



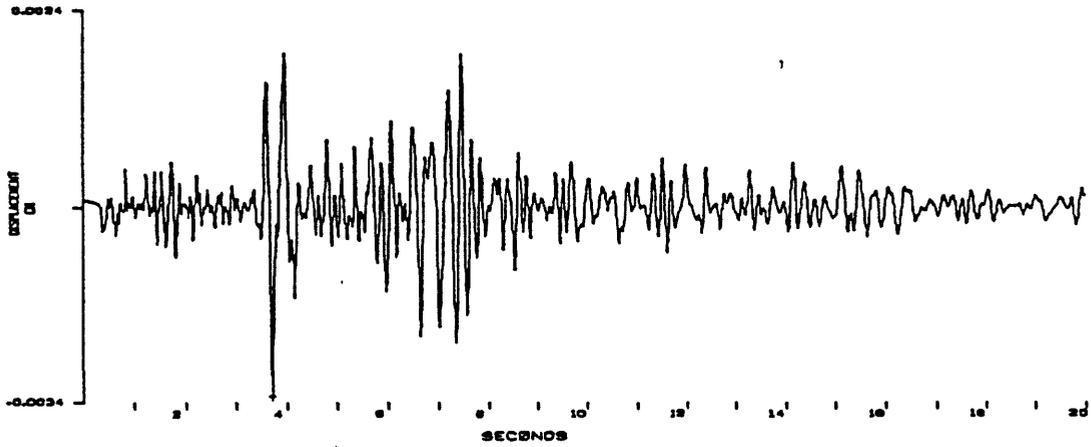
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION SLD, 000



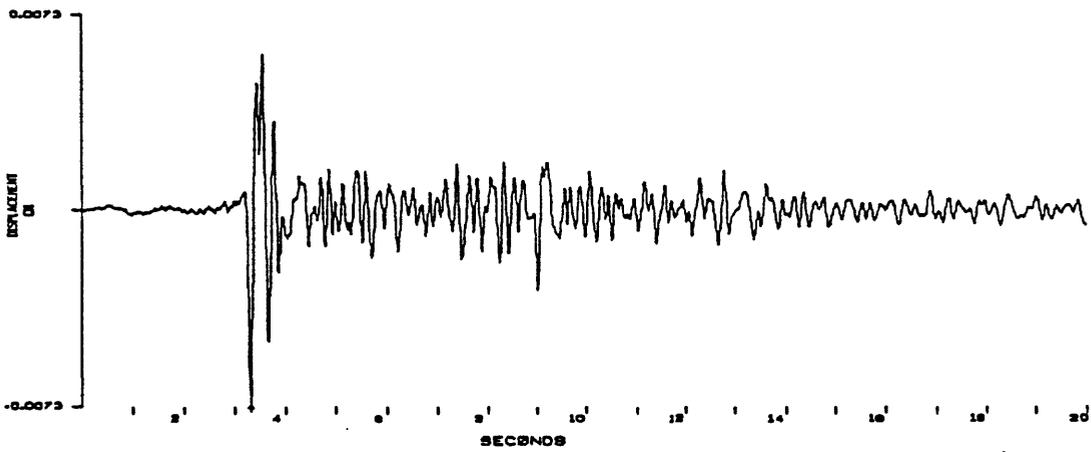
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION SLD, 270



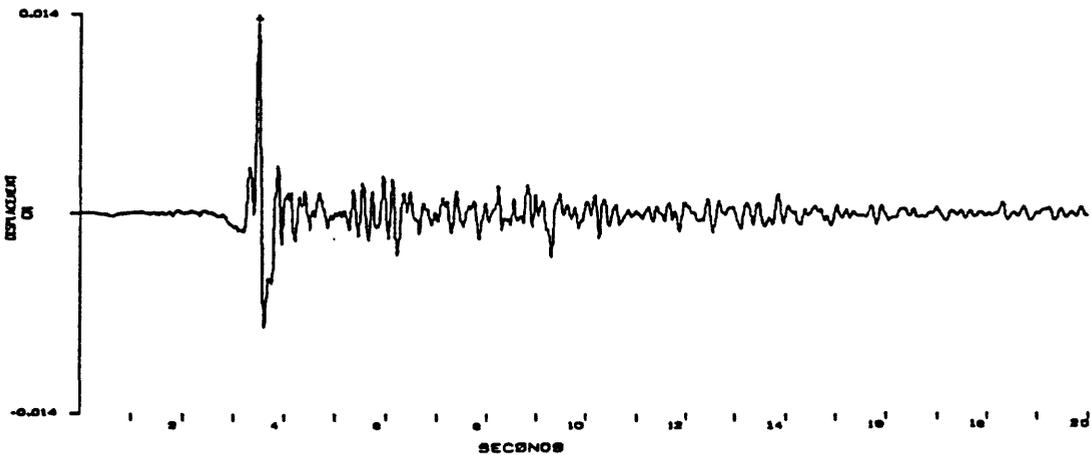
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML=3.0
STATION SLC, VERT



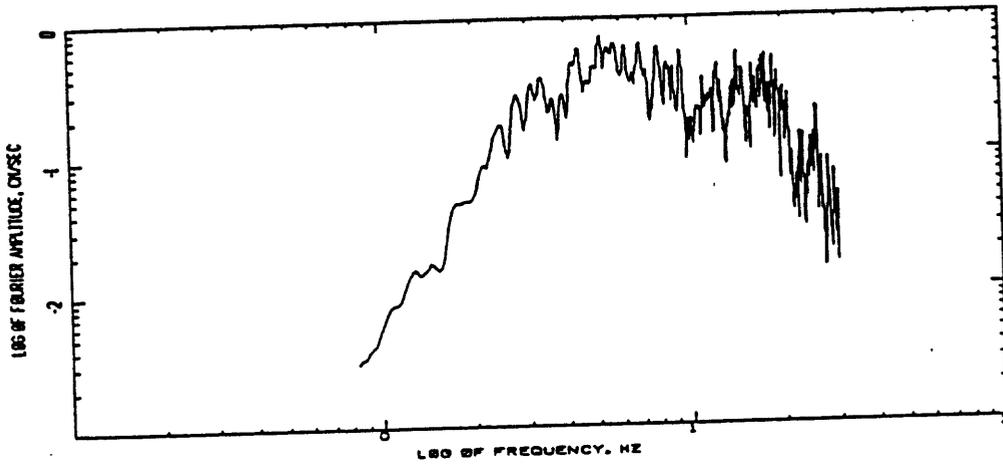
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML=3.0
STATION SLC, 000



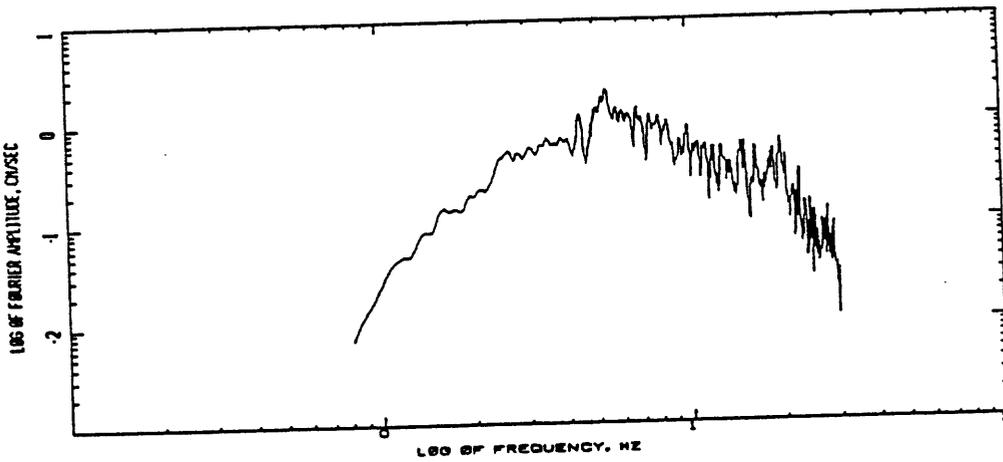
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML=3.0
STATION SLC, 270



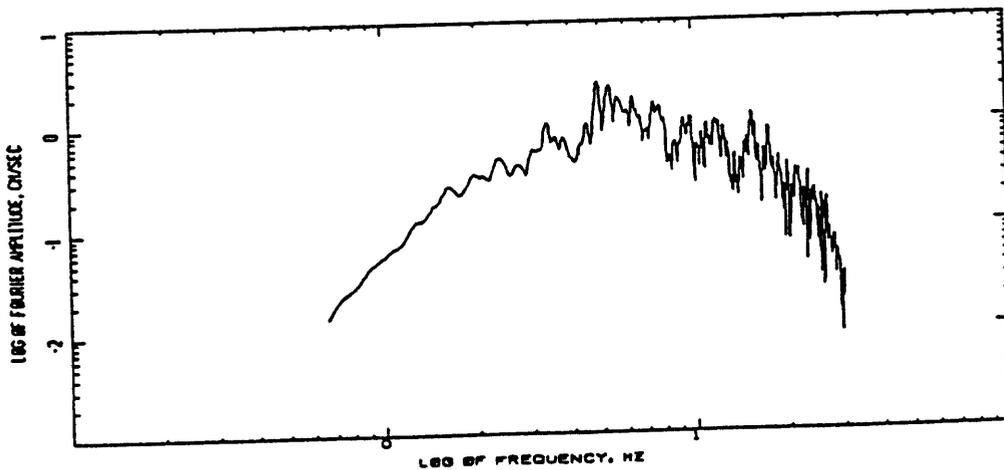
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/18/76, 05:04:07 UTC, ML-3.0
STATION SLD-000
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONISE



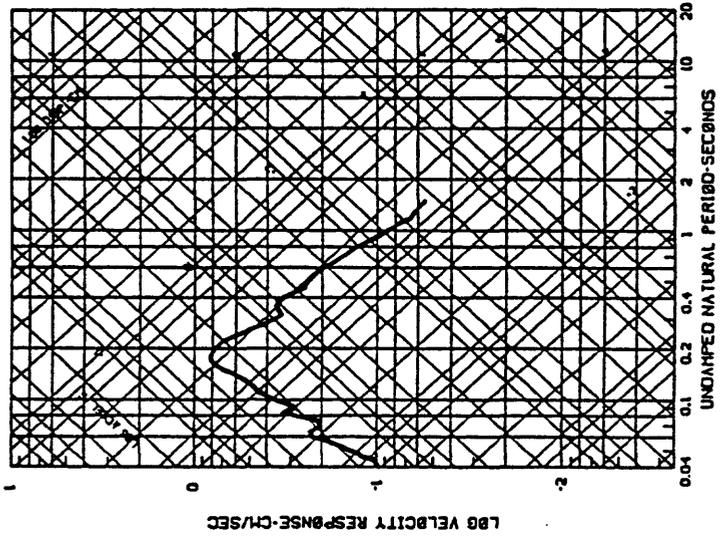
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/18/76, 05:04:07 UTC, ML-3.0
STATION SLD-000
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONISE



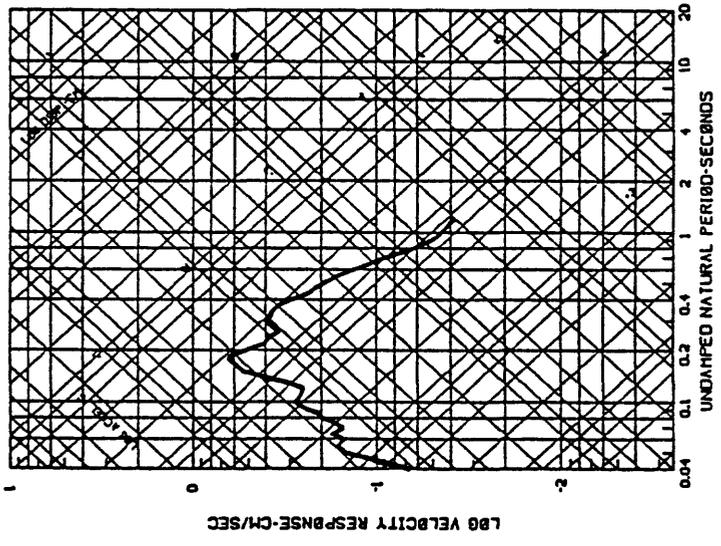
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/18/76, 05:04:07 UTC, ML-3.0
STATION SLD-000
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONISE



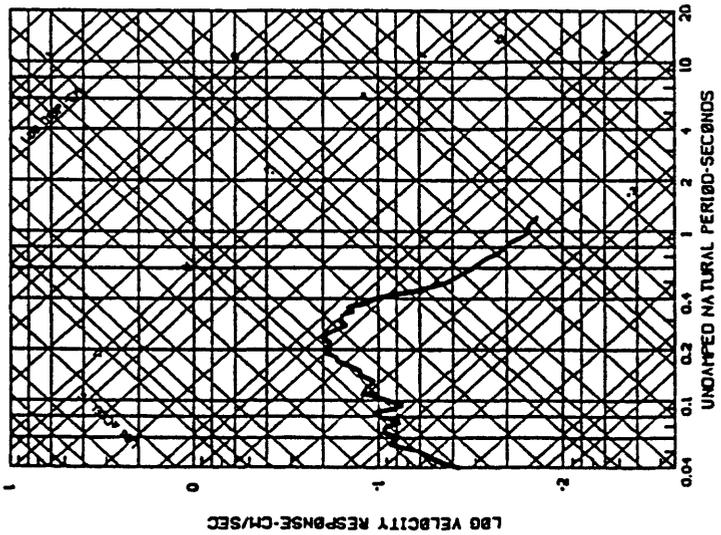
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION S.D. 270
 5 PERCENT CRITICAL DAMPING



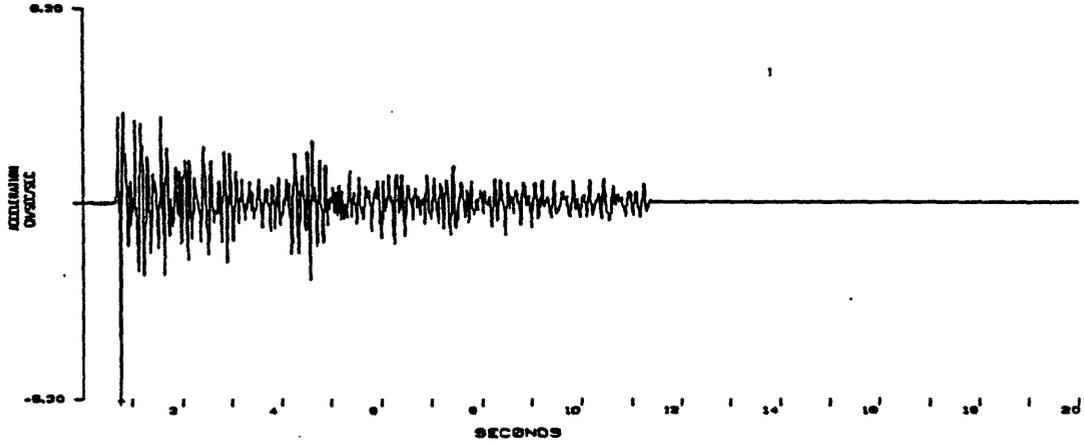
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION S.D. 000
 5 PERCENT CRITICAL DAMPING



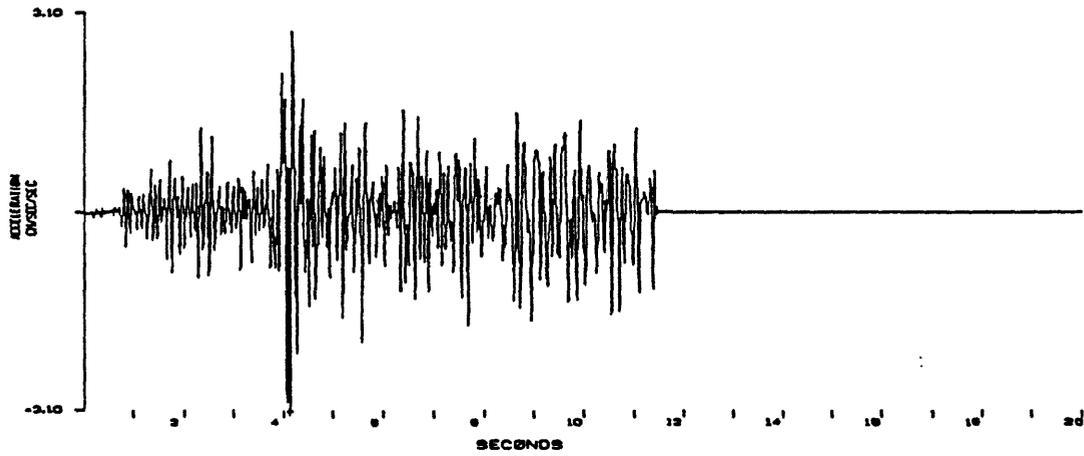
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION S.D. VERI
 5 PERCENT CRITICAL DAMPING



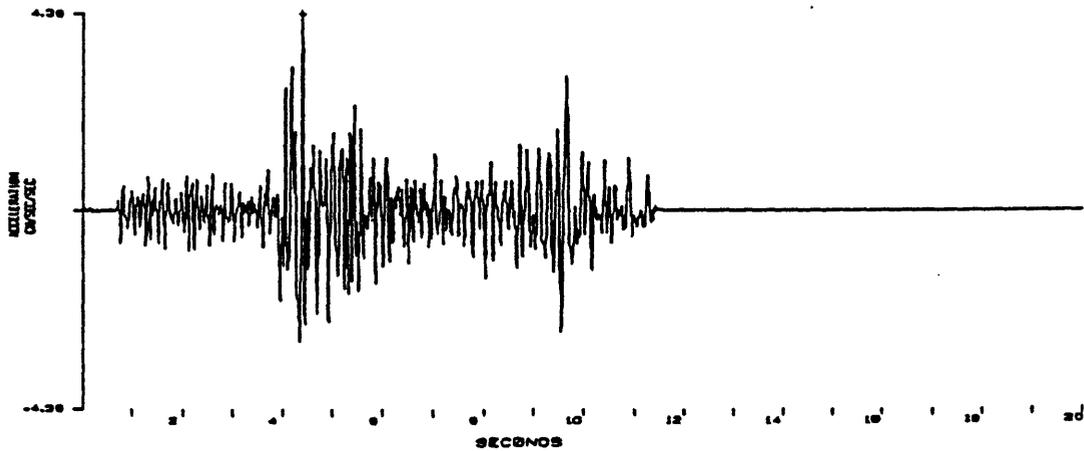
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, VERT



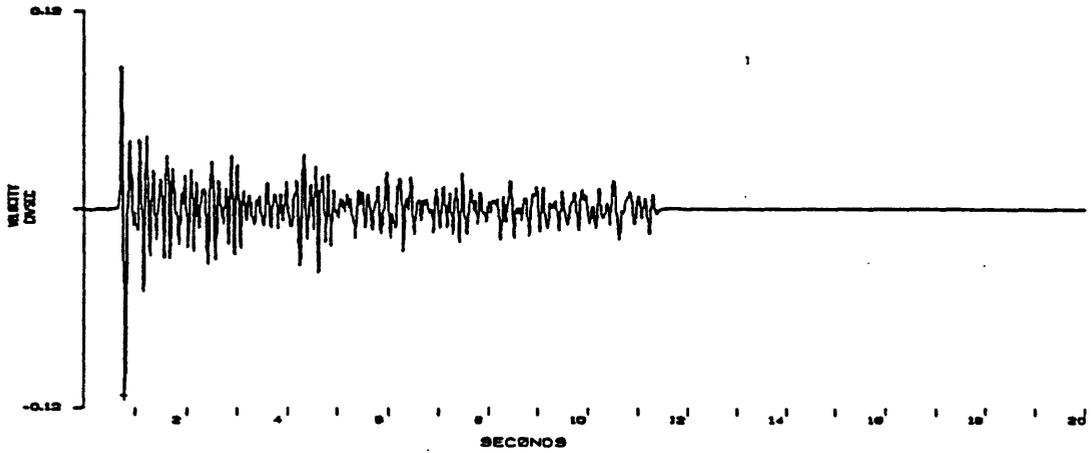
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, DOO



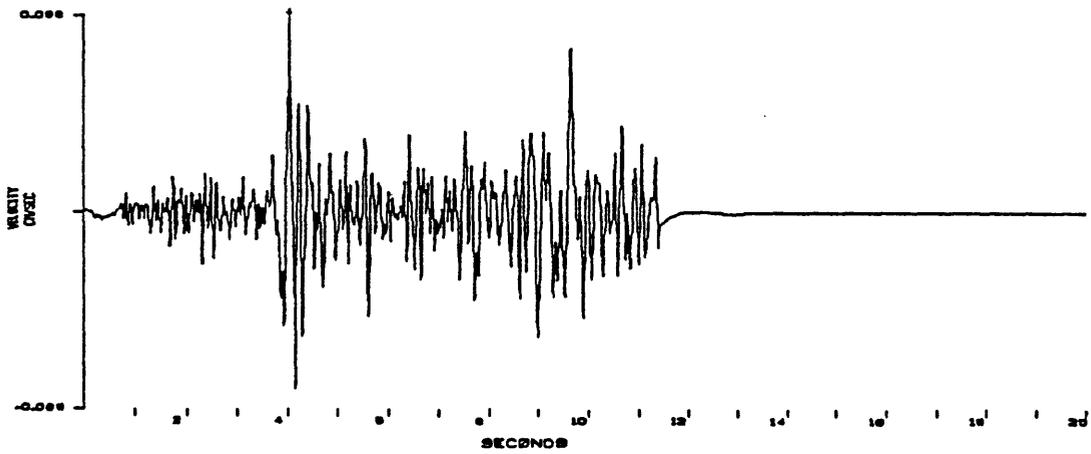
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, 270



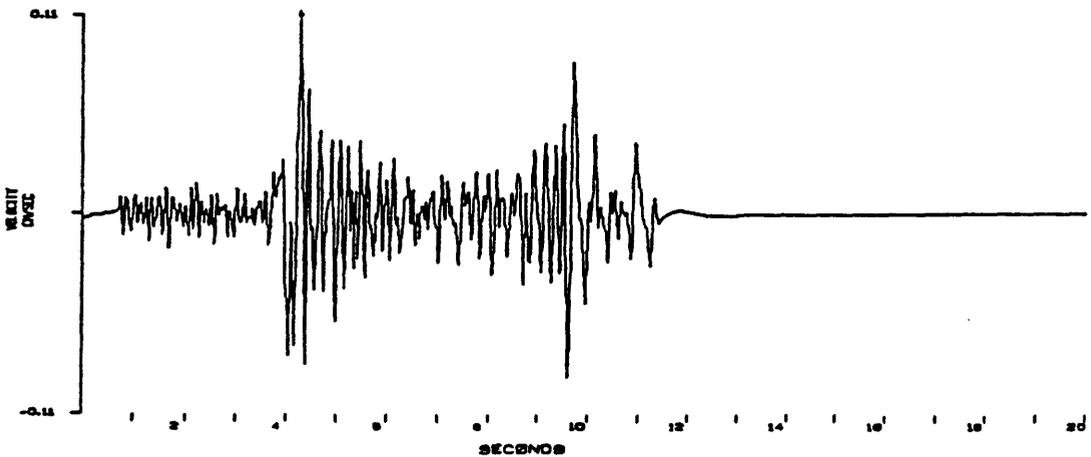
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, VERT



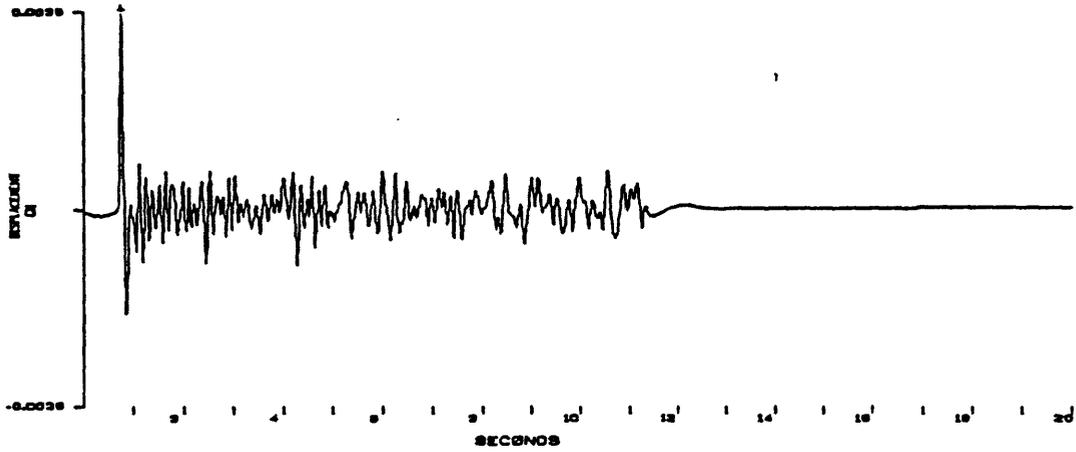
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, DOO



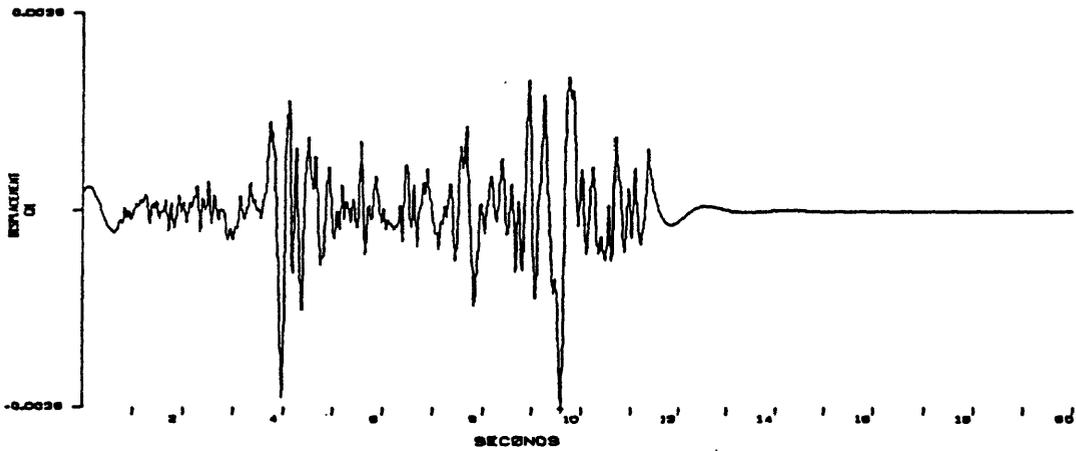
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, 370



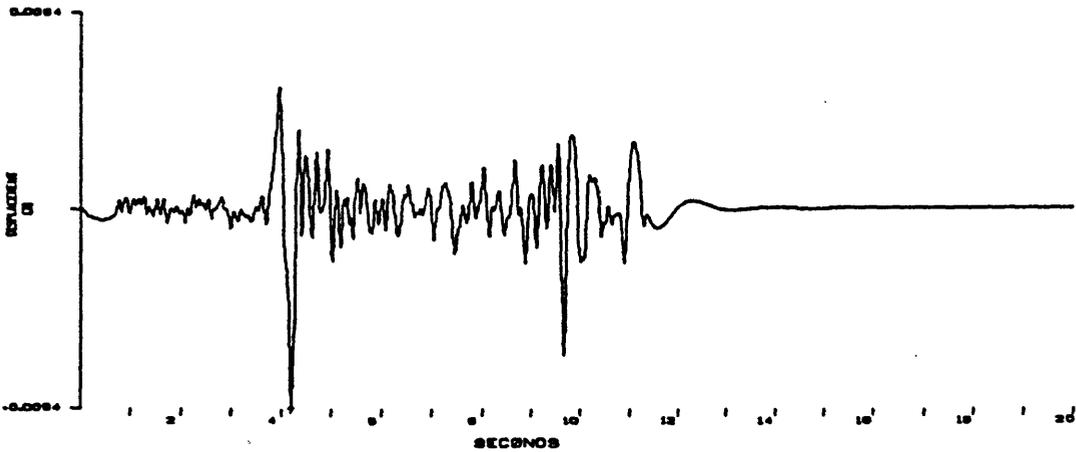
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFB, VERT



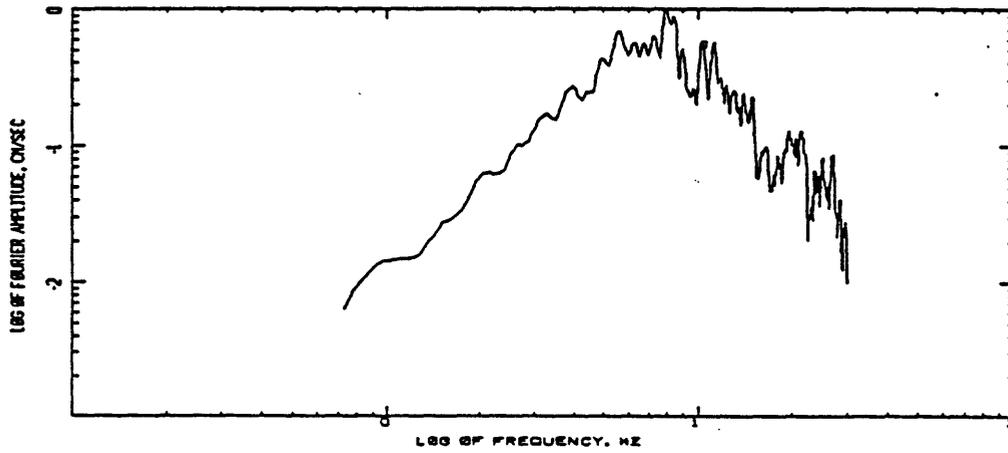
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFB, DOO



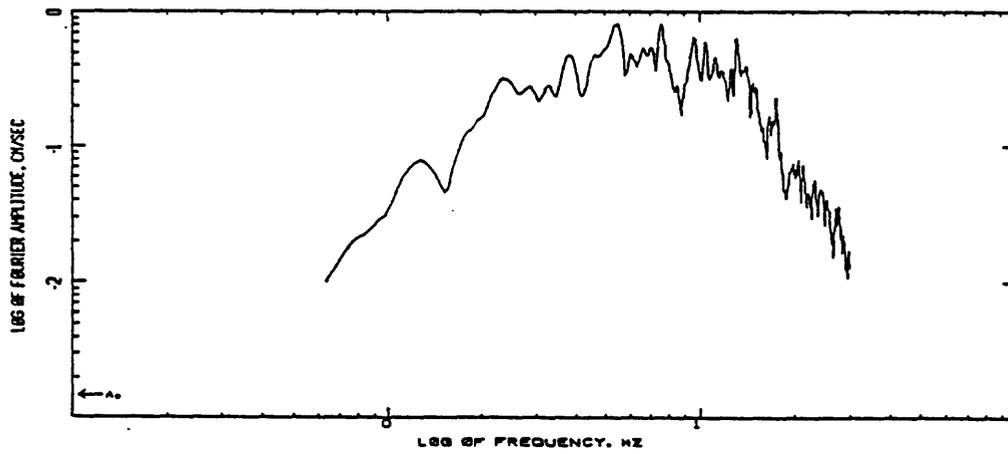
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFB, 270



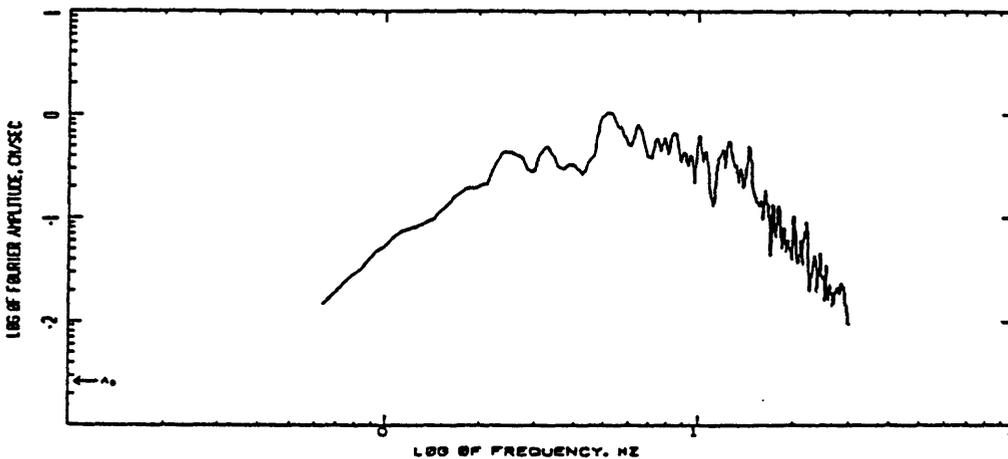
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:02:55 UTC, RL-3.3
STATION AFB, DOP
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



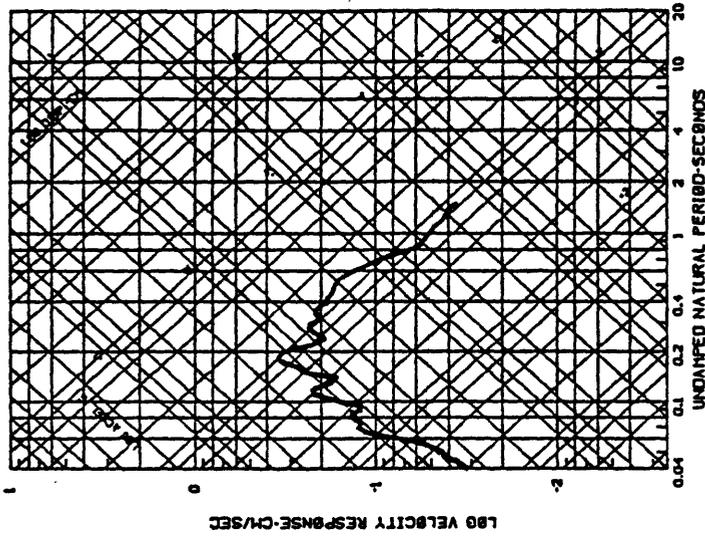
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:02:55 UTC, RL-3.3
STATION AFB, DOP
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



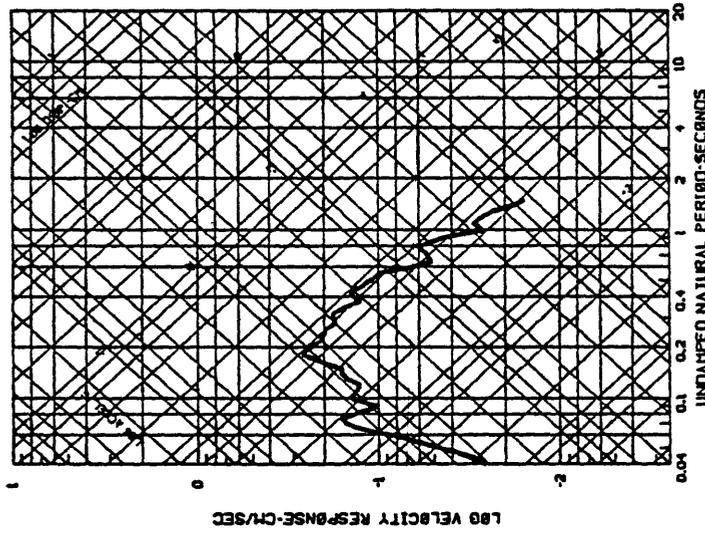
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:02:55 UTC, RL-3.3
STATION AFB, DOP
COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONNOISE



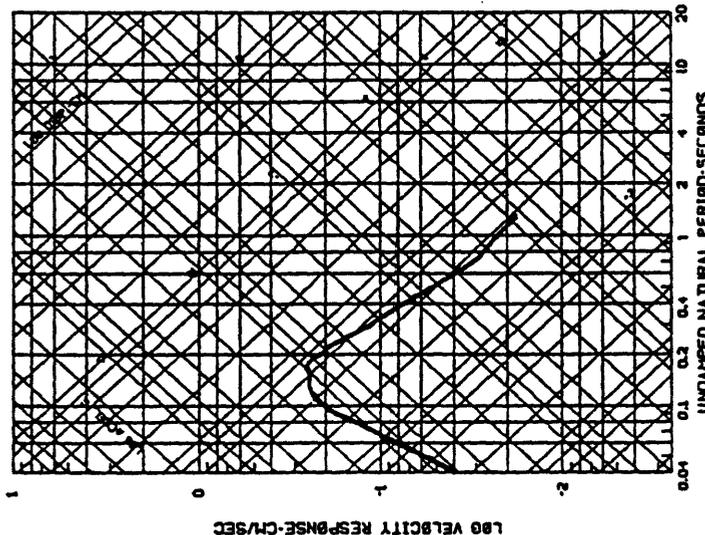
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, RL-33
 STATION AFB 270
 5 PERCENT CRITICAL DAMPING



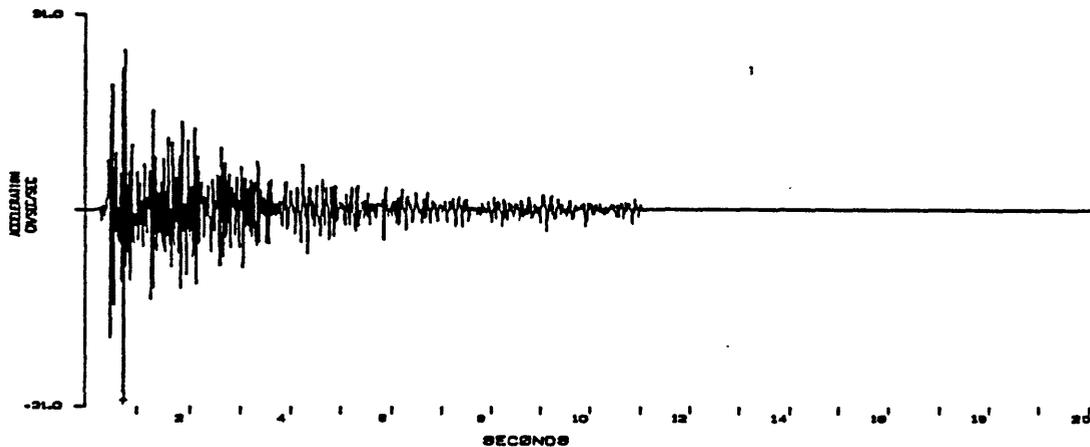
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, RL-33
 STATION AFB 000
 5 PERCENT CRITICAL DAMPING



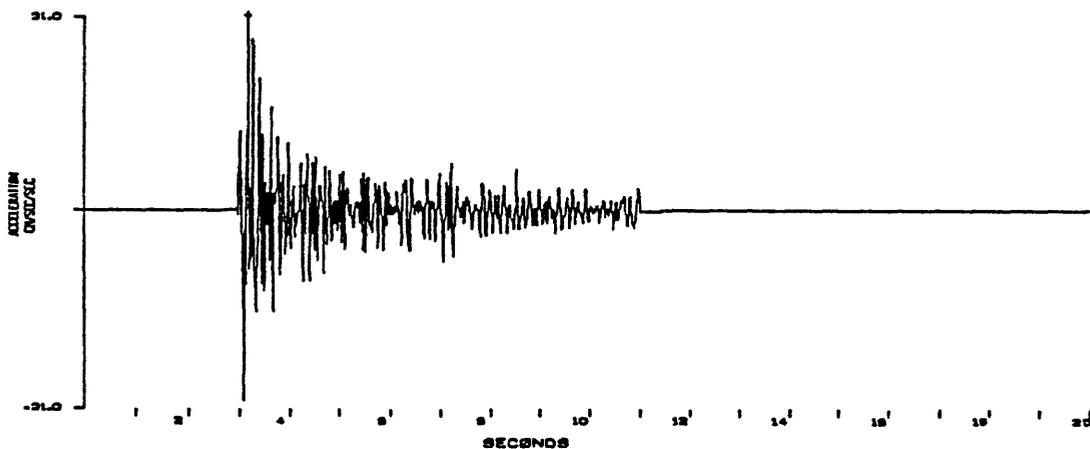
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, RL-33
 STATION AFB 001
 5 PERCENT CRITICAL DAMPING



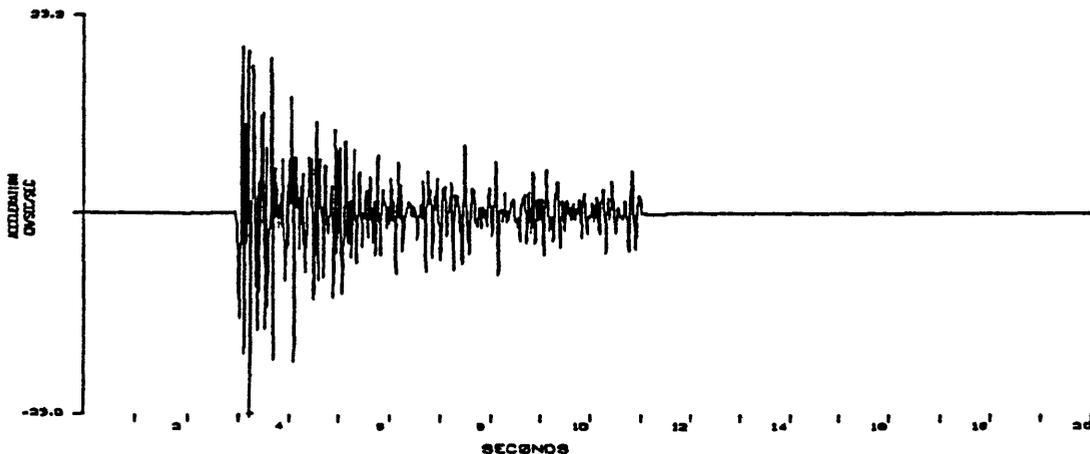
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



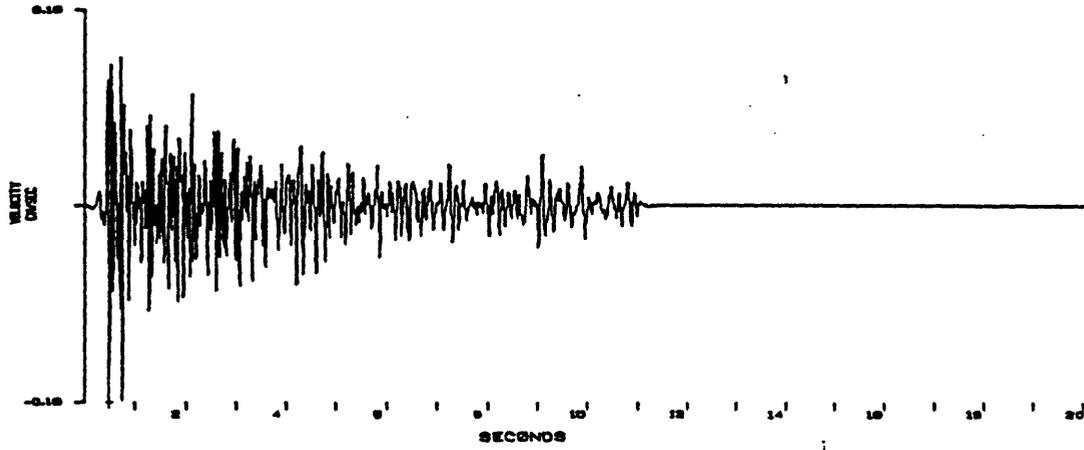
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DDD



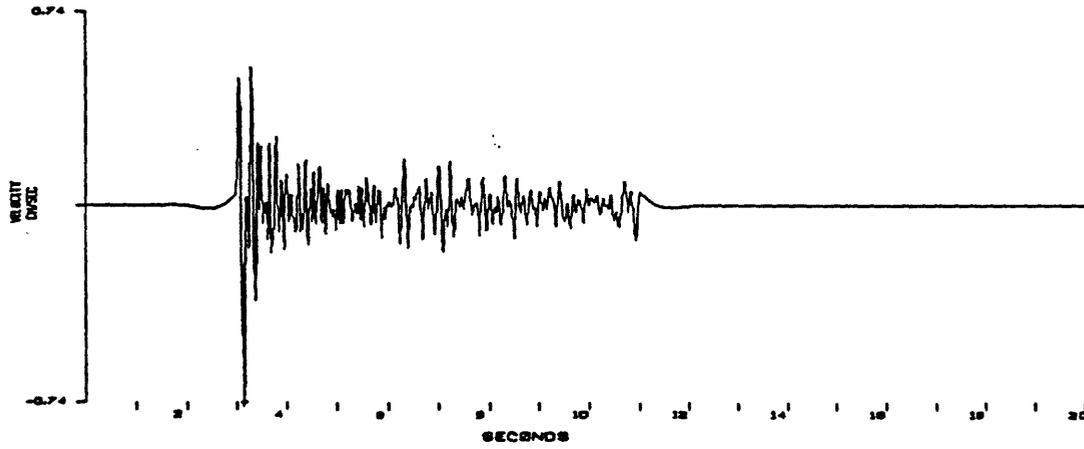
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DDD



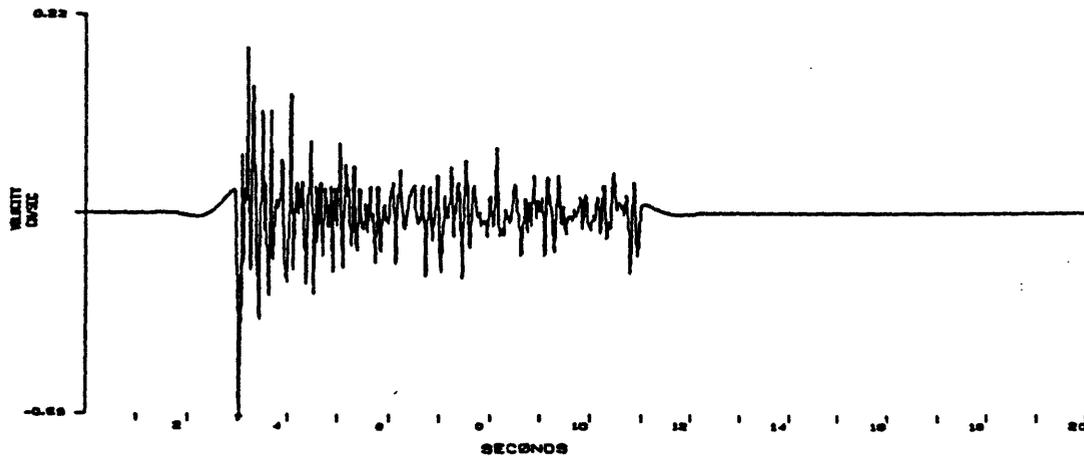
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



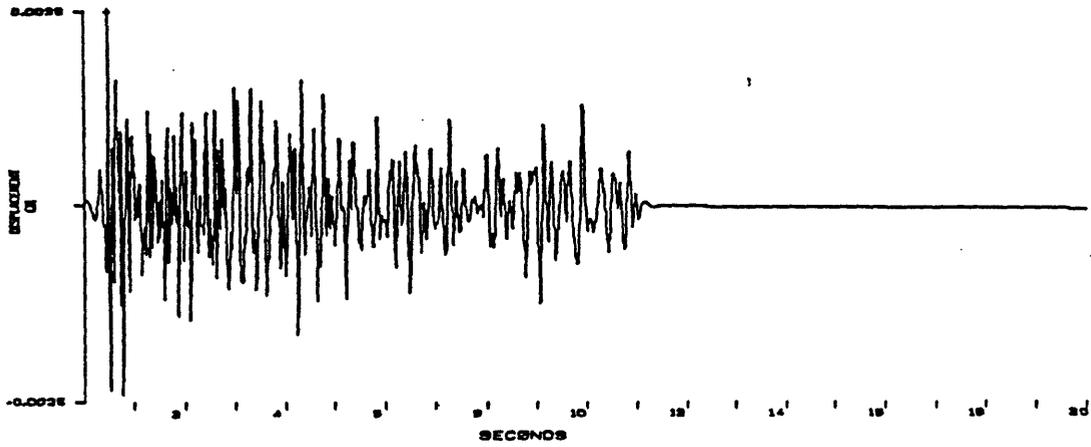
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DOO



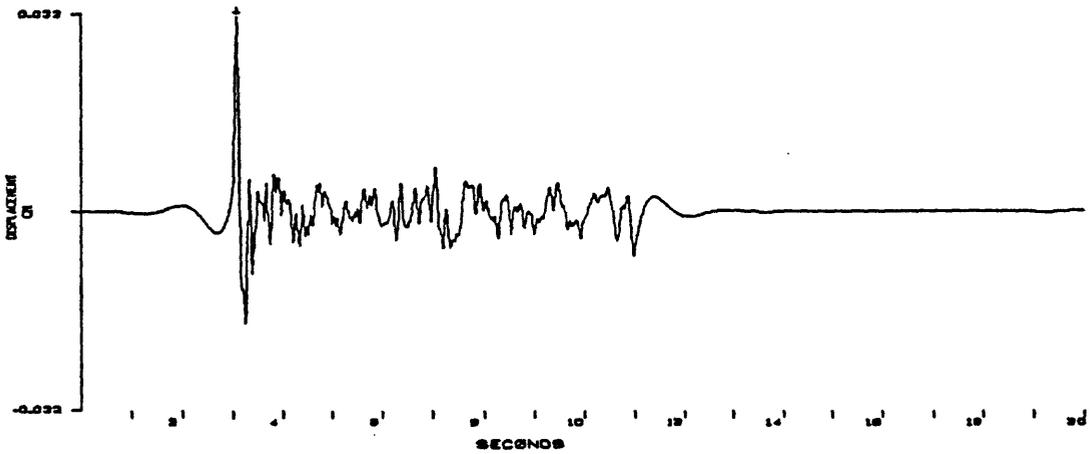
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DOO



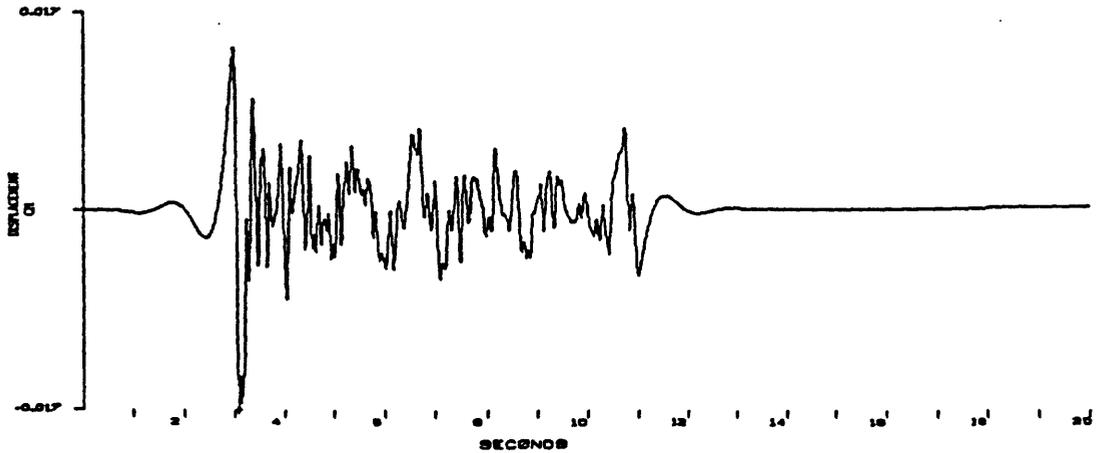
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



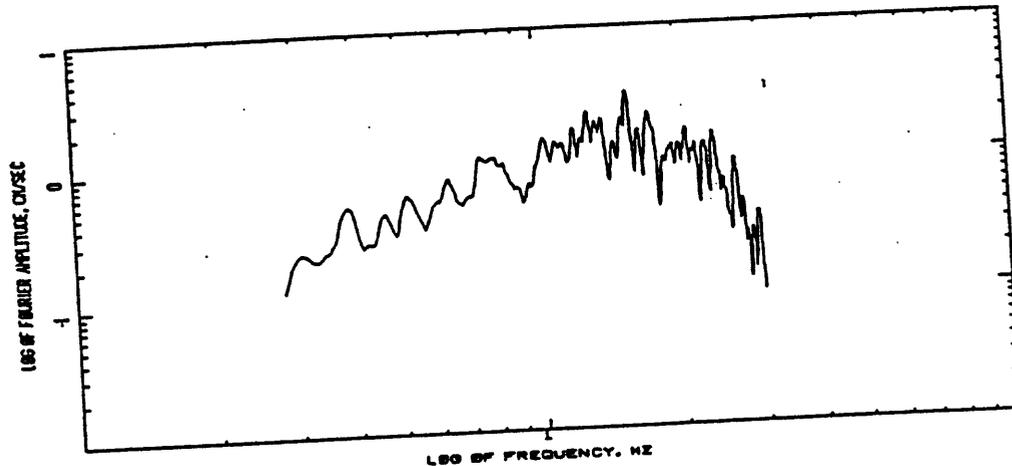
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, 000



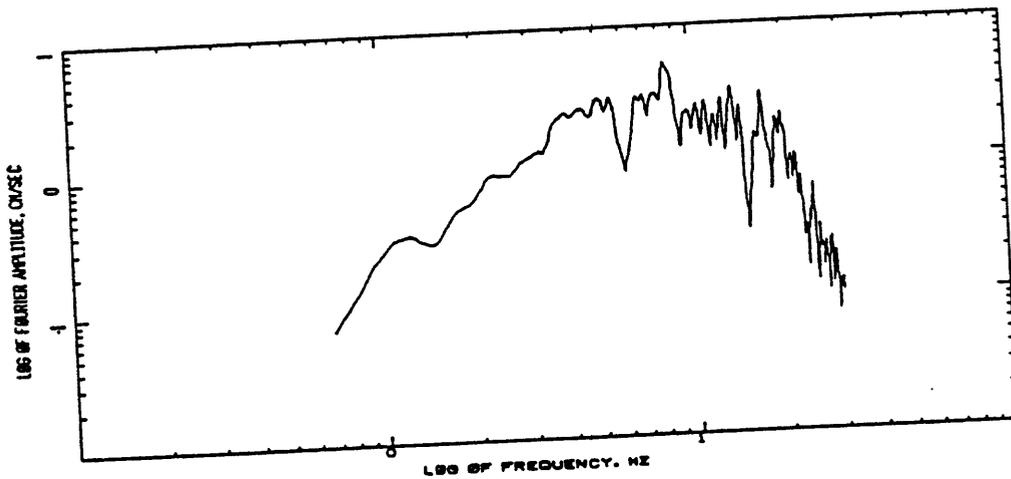
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, 000



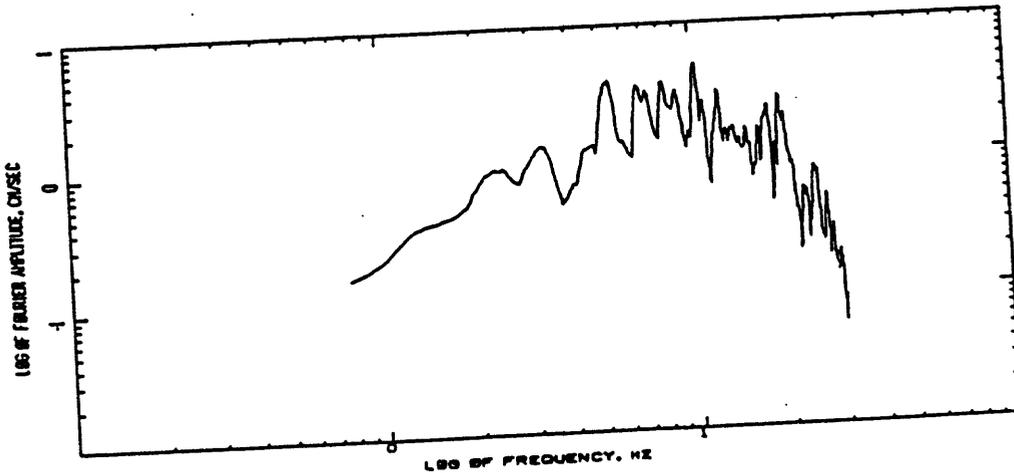
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/23/79, 04:02:58 UTC, RL-3.3
COMPUTING OPTIONS- ZCROSS,SHSSTMI01,NBNSISE



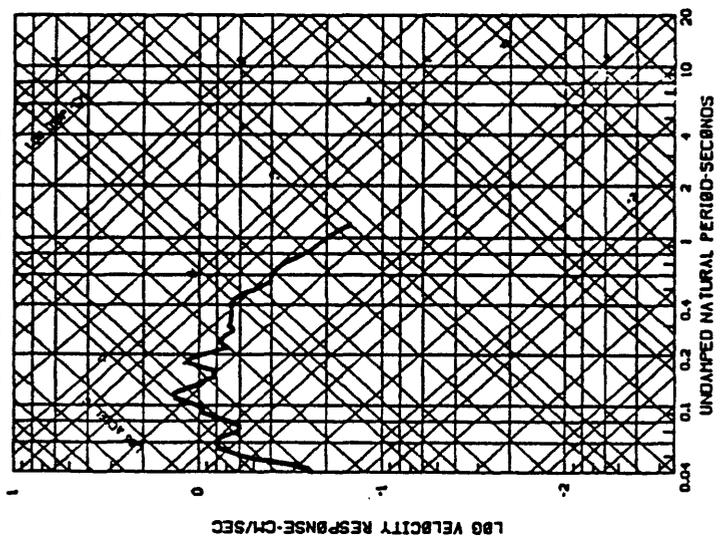
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/23/79, 04:02:58 UTC, RL-3.3
COMPUTING OPTIONS- ZCROSS,SHSSTMI01,NBNSISE



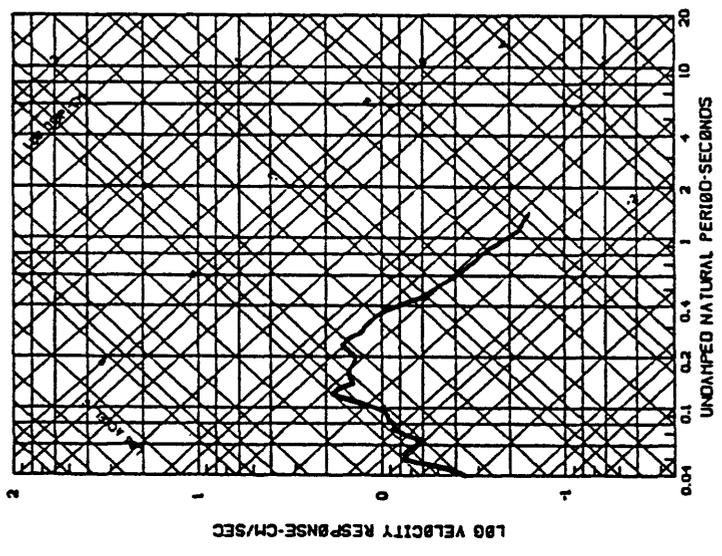
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/23/79, 04:02:58 UTC, RL-3.3
COMPUTING OPTIONS- ZCROSS,SHSSTMI01,NBNSISE



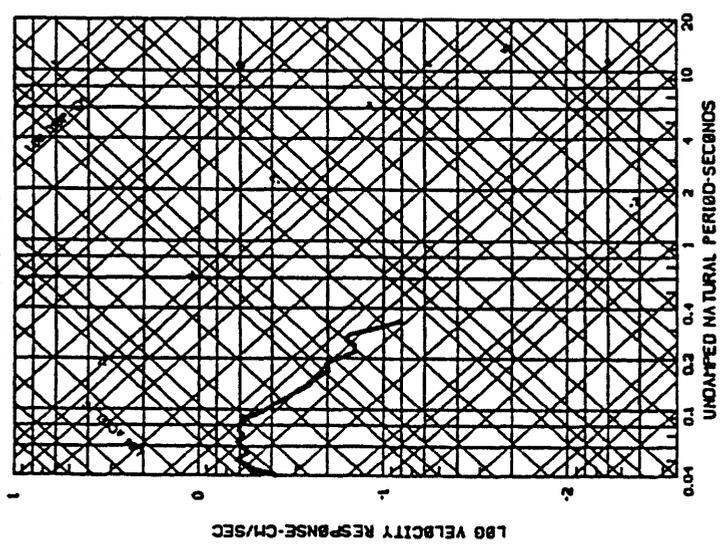
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M.L.-3.3
 STATION CFB, 090
 5 PERCENT CRITICAL DAMPING



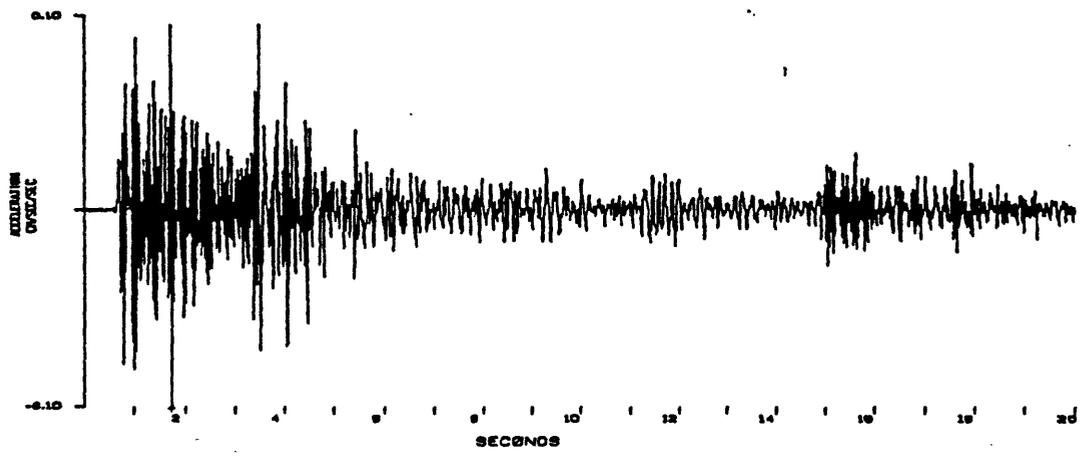
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M.L.-3.3
 STATION CFB, 000
 5 PERCENT CRITICAL DAMPING



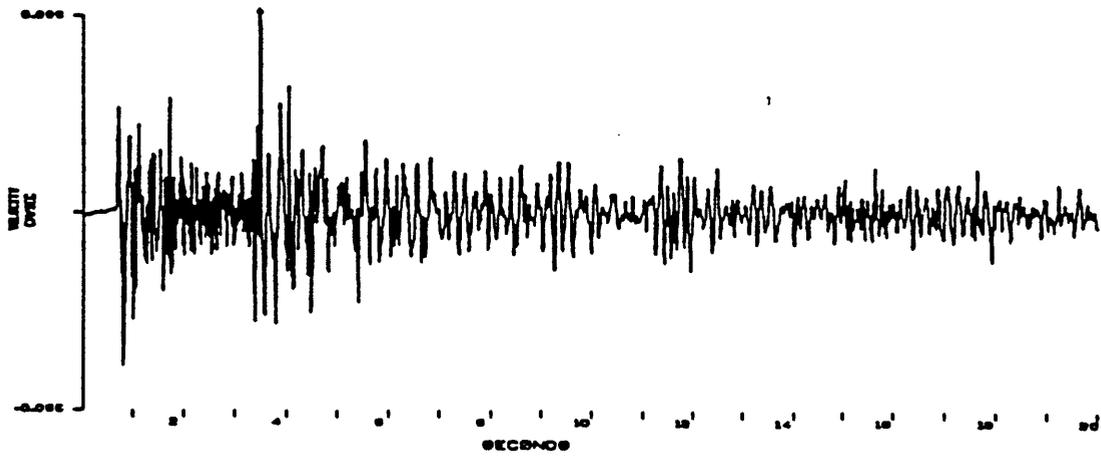
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M.L.-3.3
 STATION CFB, VERI
 5 PERCENT CRITICAL DAMPING



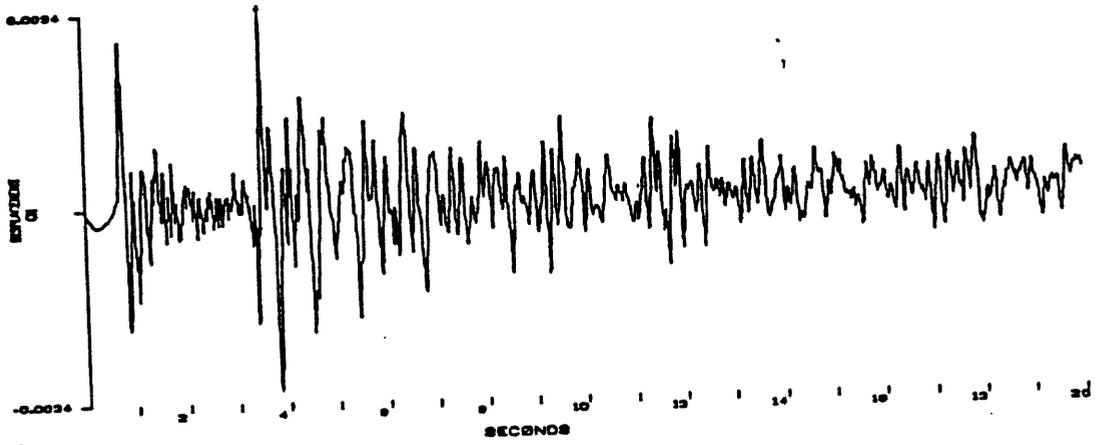
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML=5.3
STATION CRR, VERT



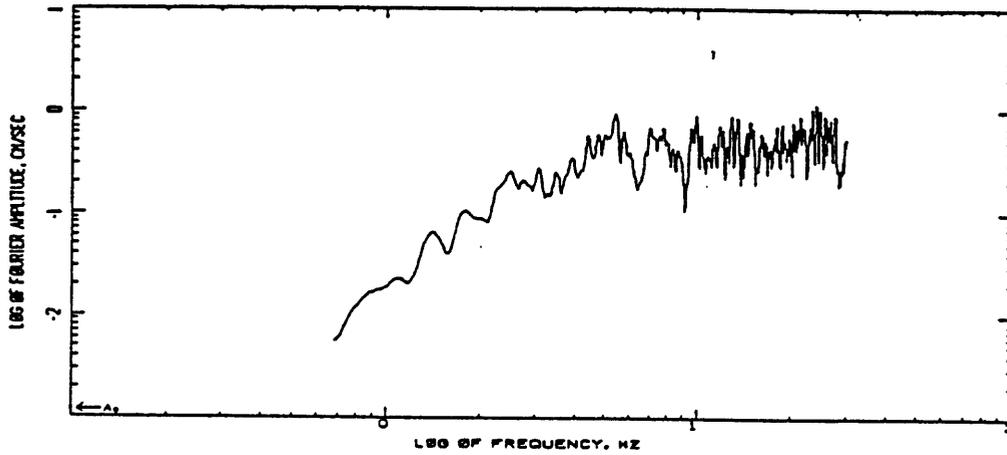
IMPERIAL VALLEY EARTHQUAKE, 10/29/79, 14:02:55 UTC. PL-3.3
STATION CRK, VER.



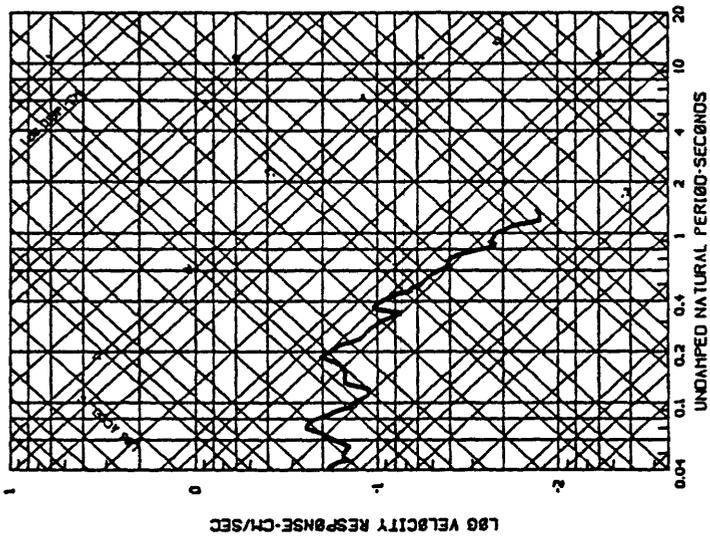
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:58 UTC, ML=3.3
STATION: ERK, VERT



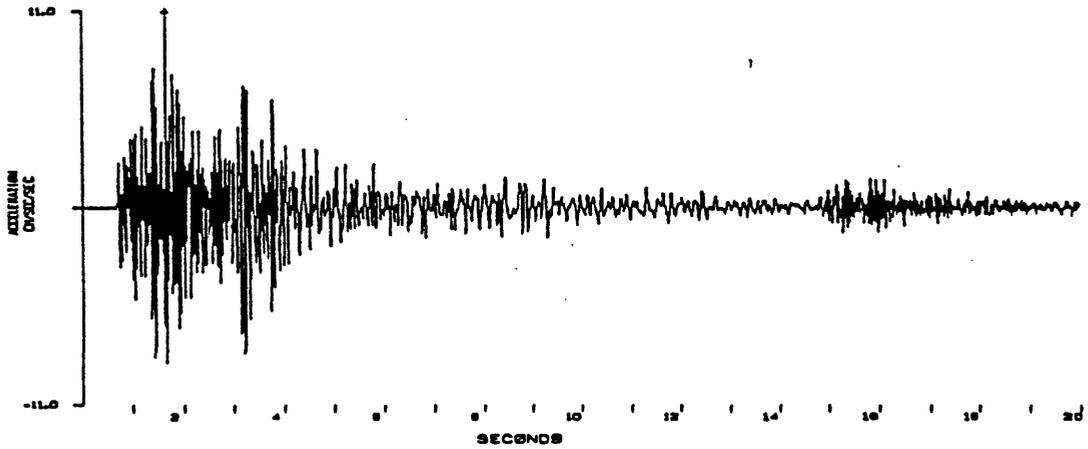
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 107207Z 04 12 1952 UTC. RL-3.3
COMPUTING OPTIONS: ZCRSS, SMOOTH, NOISE



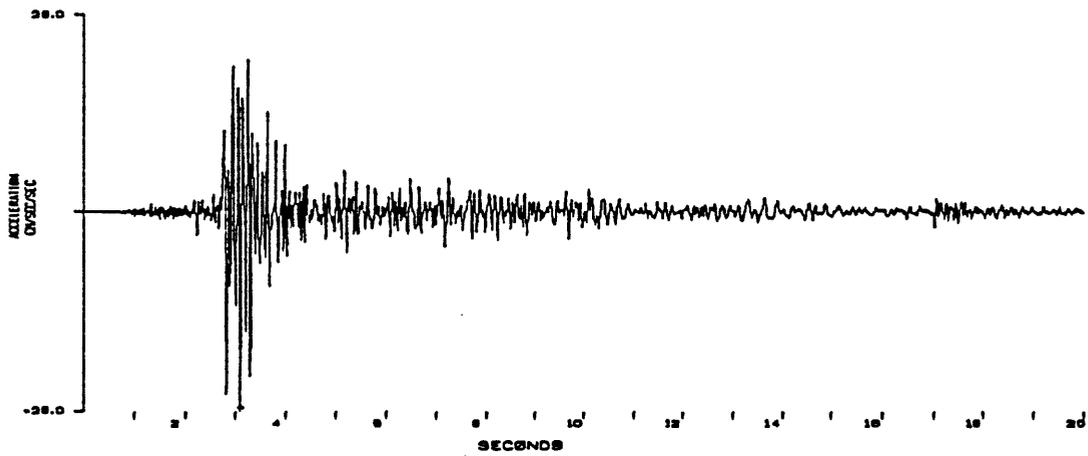
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, H.L.33
STATION CRK VERT
5 PERCENT CRITICAL DAMPING



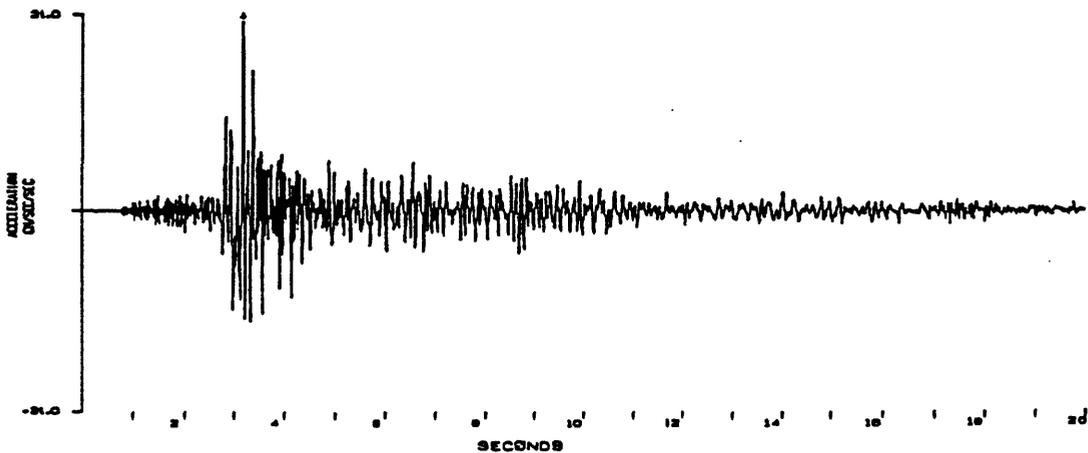
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, VER



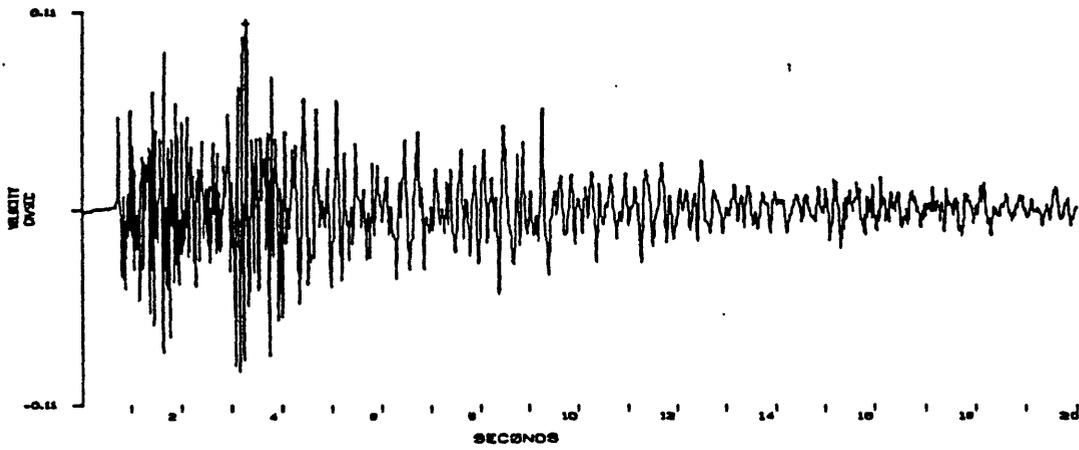
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, D00



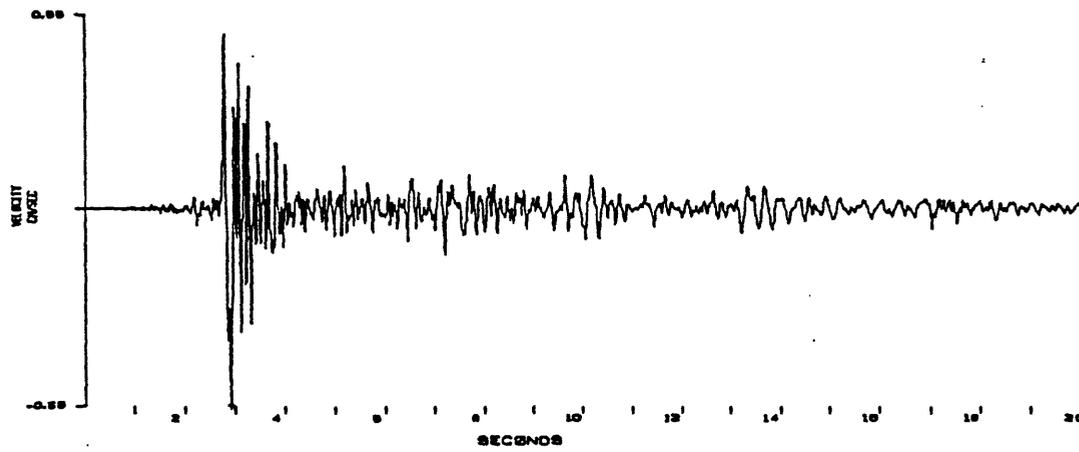
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, D70



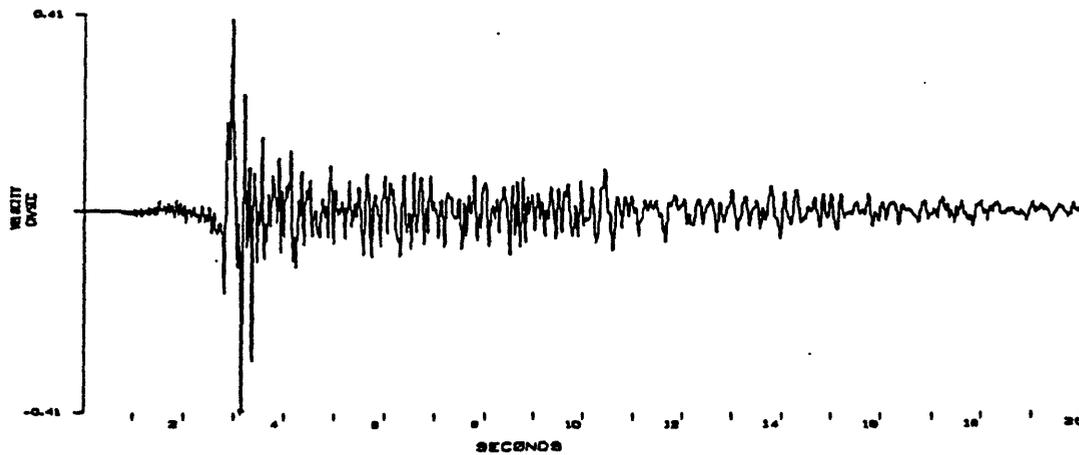
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION FBR, VER1



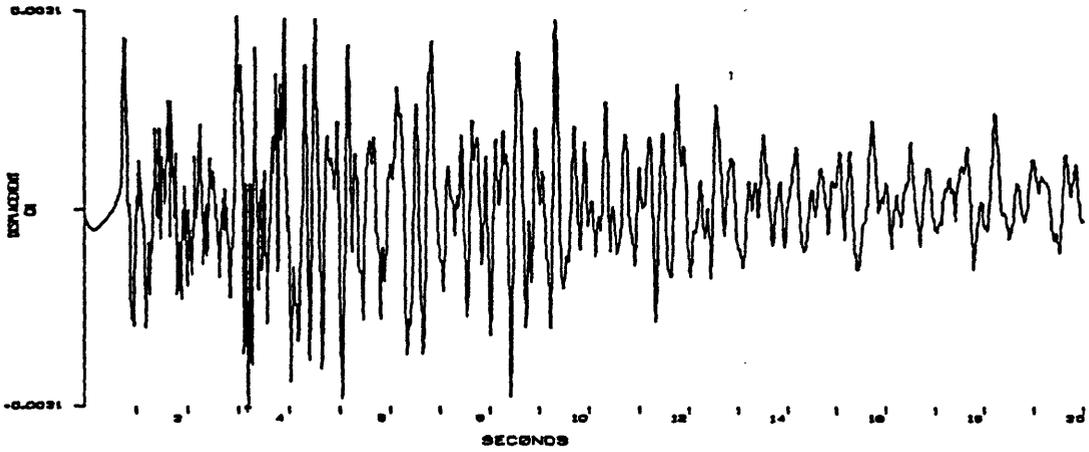
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION FBR, D00



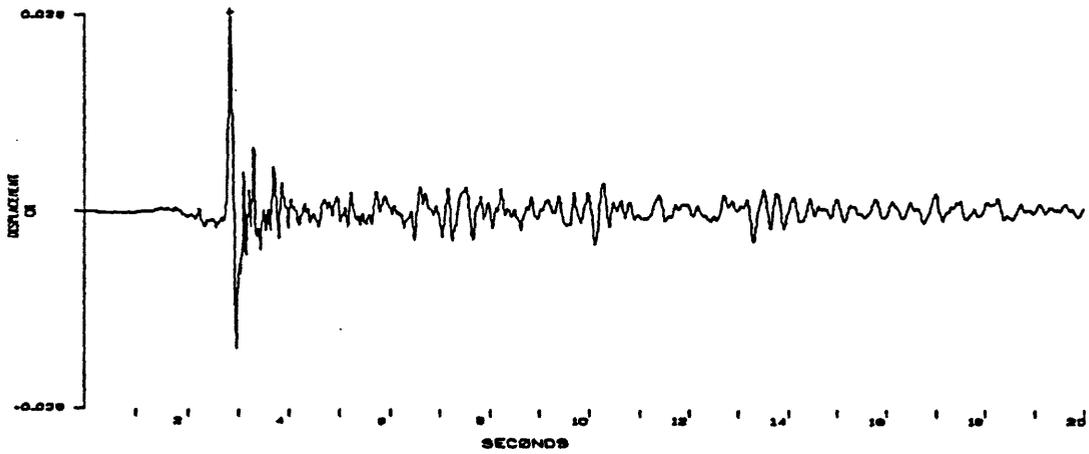
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION FBR, 270



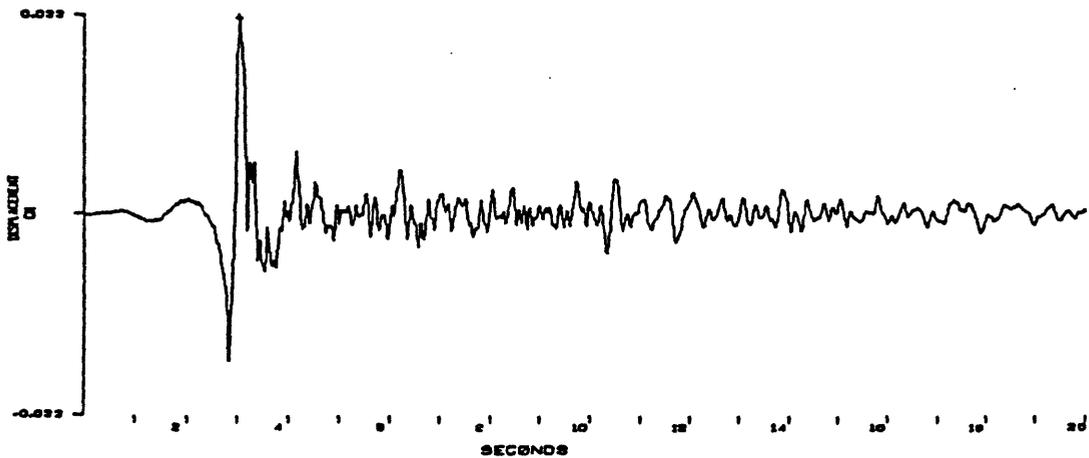
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FSA, VER1



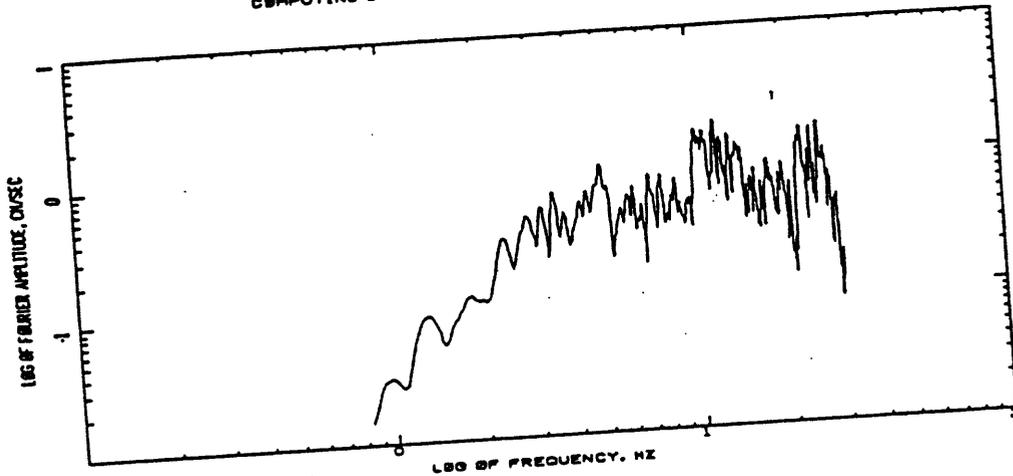
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FSA, 000



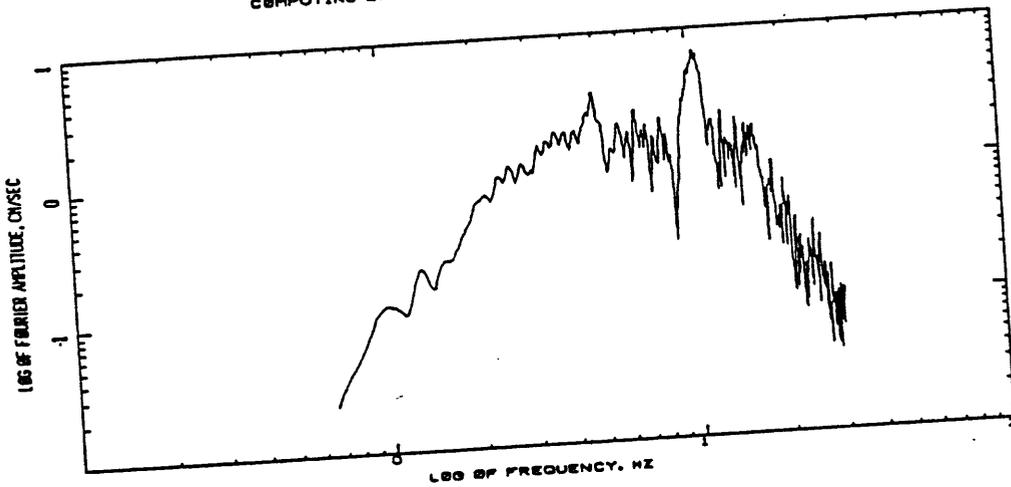
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FSA, 370



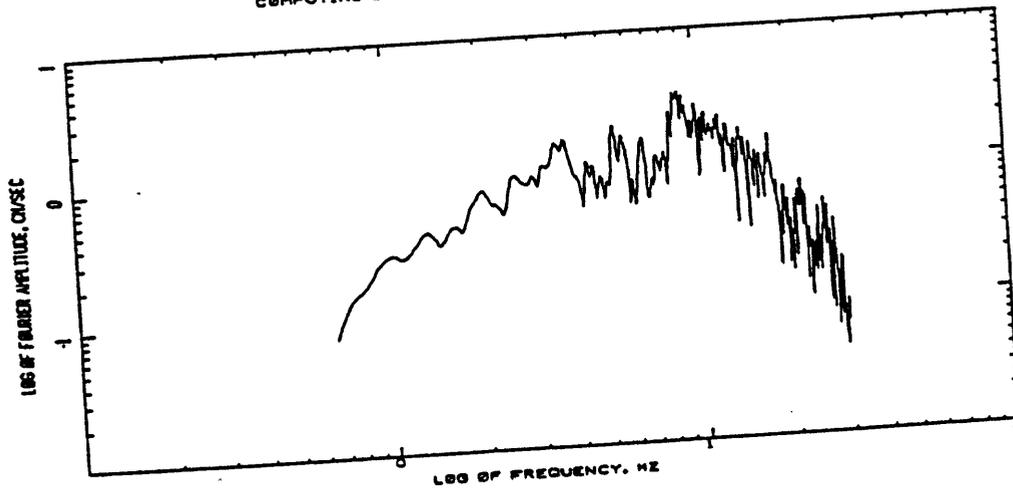
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/78, 14,05155 UTC, RL-3.3
STATION 196, 214
COMPUTING OPTIONS- ZCROSS,SHOOTHK10,NSNGISE



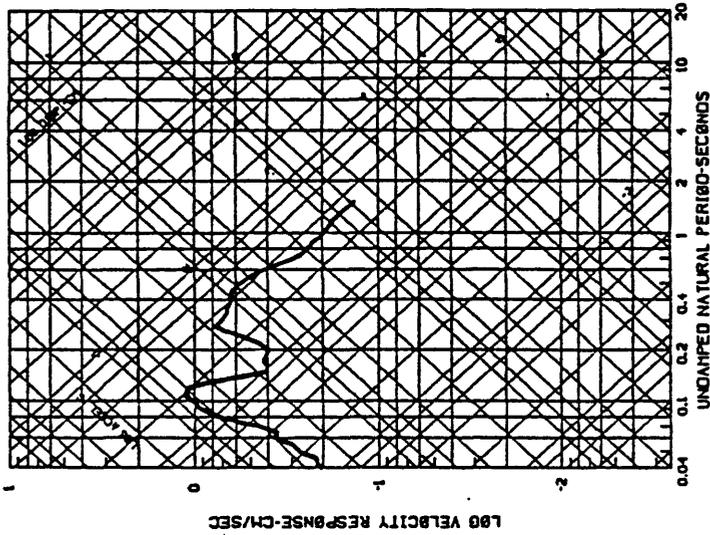
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/78, 14,05155 UTC, RL-3.3
STATION 196, 214
COMPUTING OPTIONS- ZCROSS,SHOOTHK10,NSNGISE



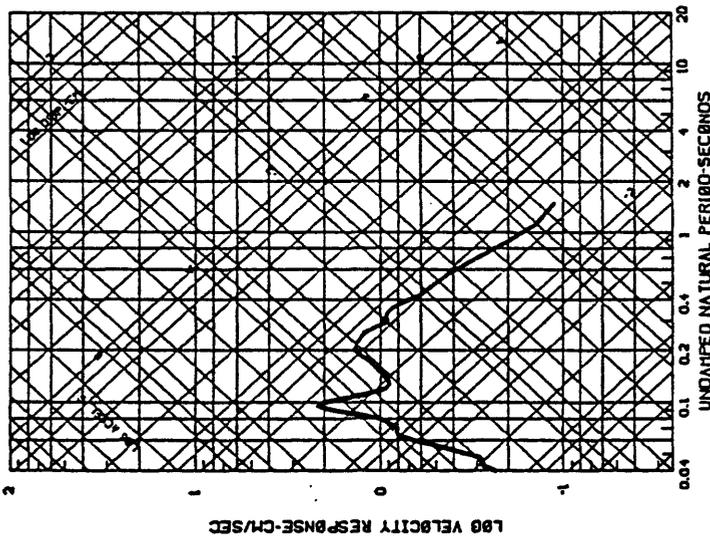
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/78, 14,05155 UTC, RL-3.3
STATION 196, 214
COMPUTING OPTIONS- ZCROSS,SHOOTHK10,NSNGISE



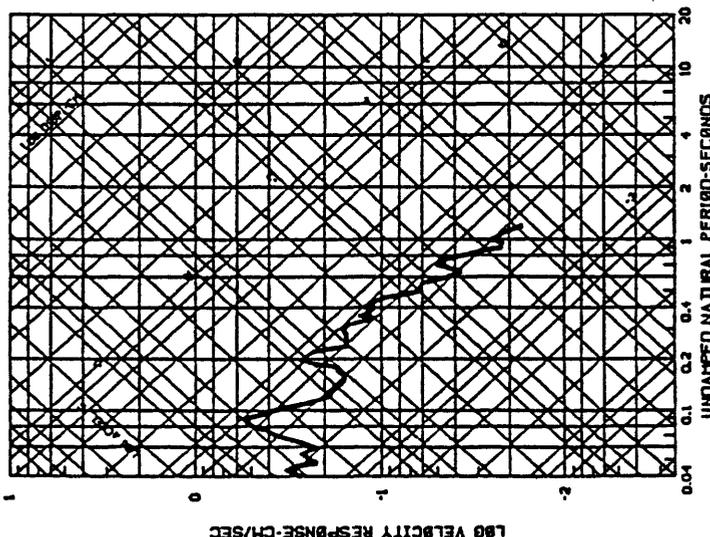
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:52:55 UTC, PL-33
 STATION PER. 000
 5 PERCENT CRITICAL DAMPING



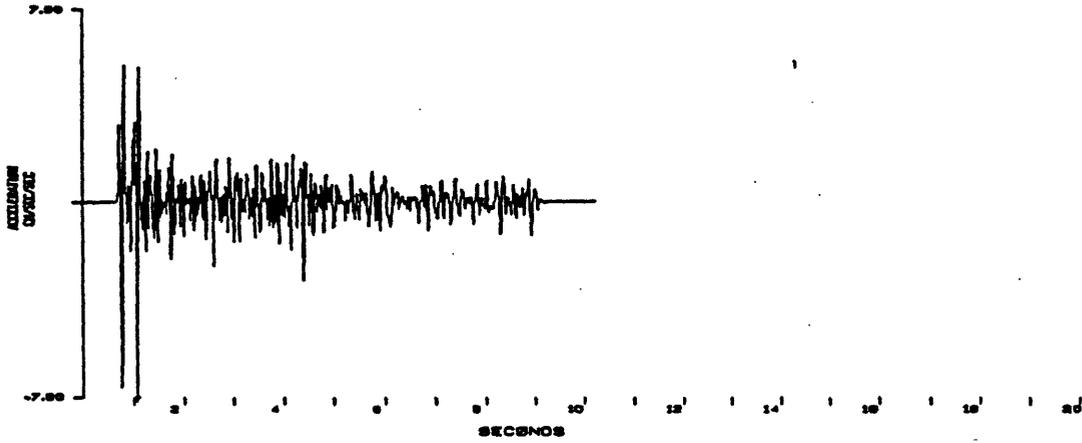
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:52:55 UTC, PL-33
 STATION PER. 000
 5 PERCENT CRITICAL DAMPING



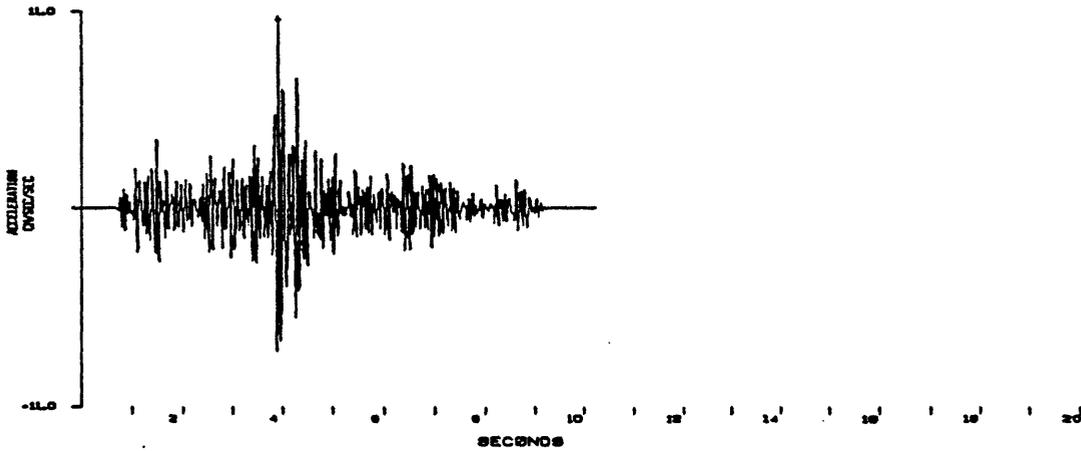
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:52:55 UTC, PL-33
 STATION PER. 000
 5 PERCENT CRITICAL DAMPING



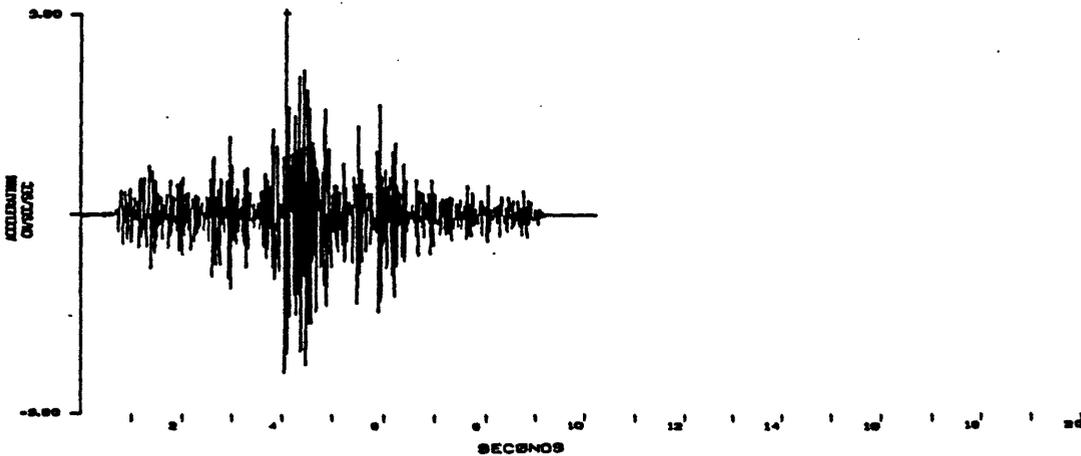
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, VERT



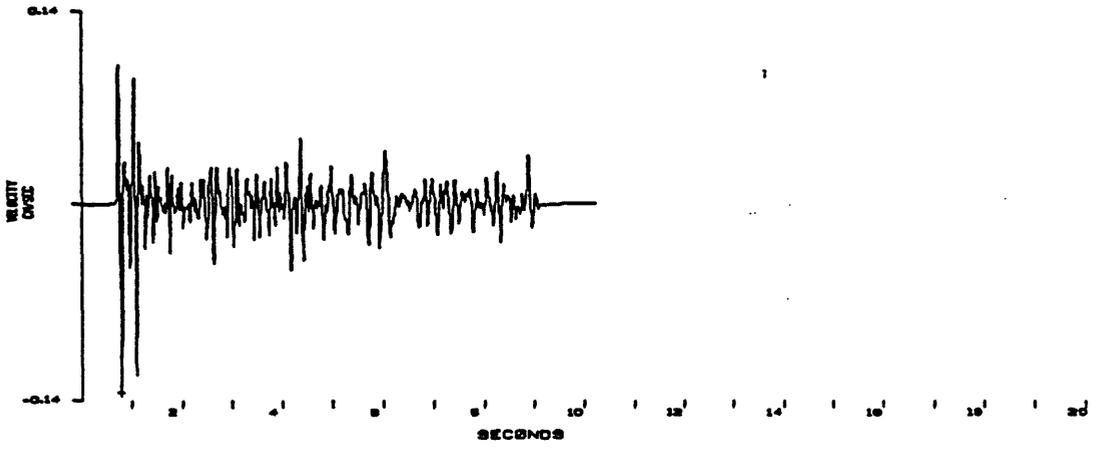
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, 500



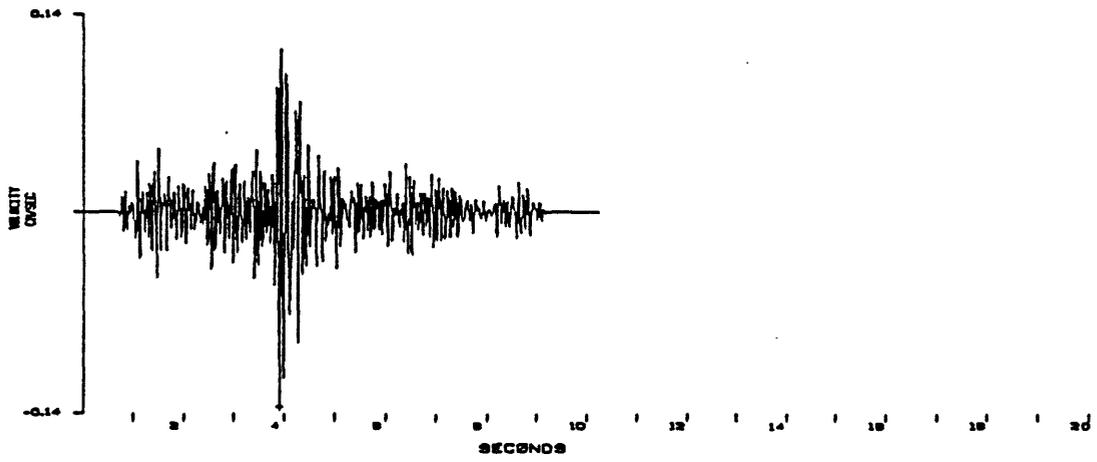
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, 270



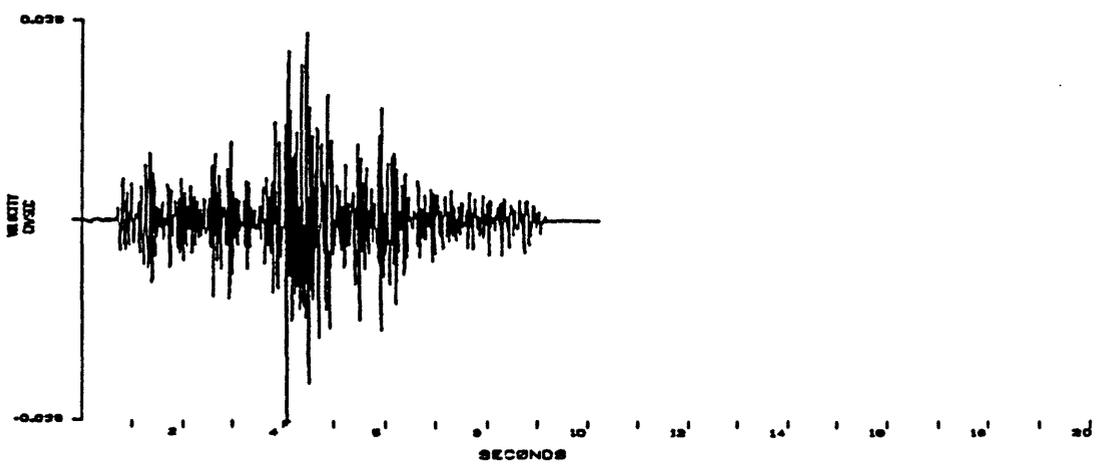
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, VERT



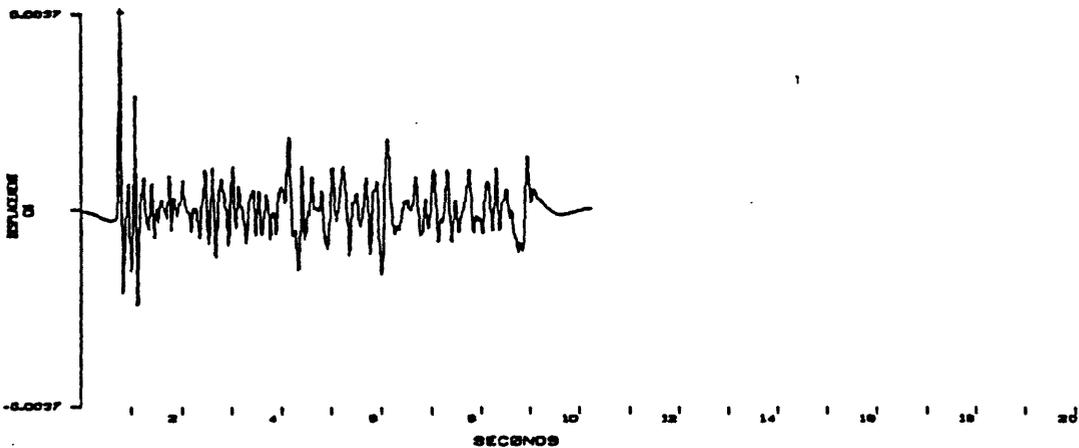
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, 000



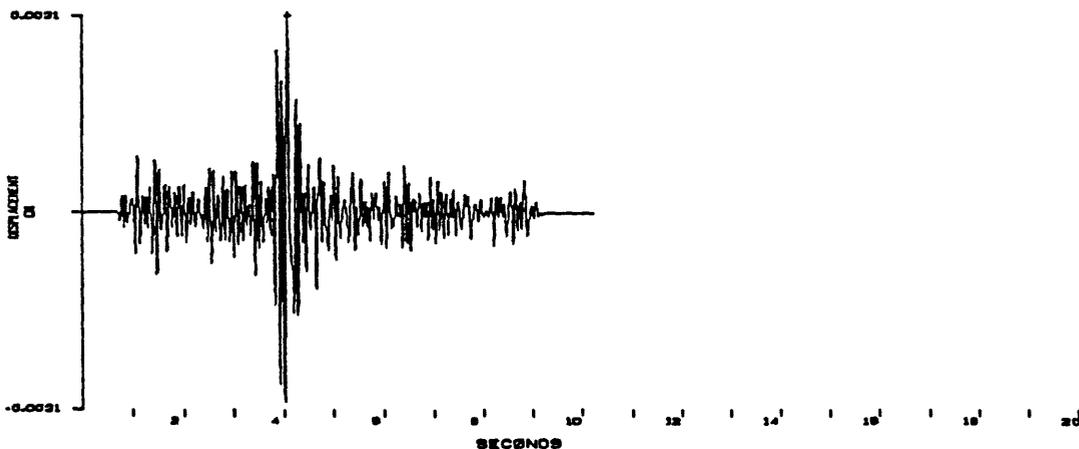
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, 270



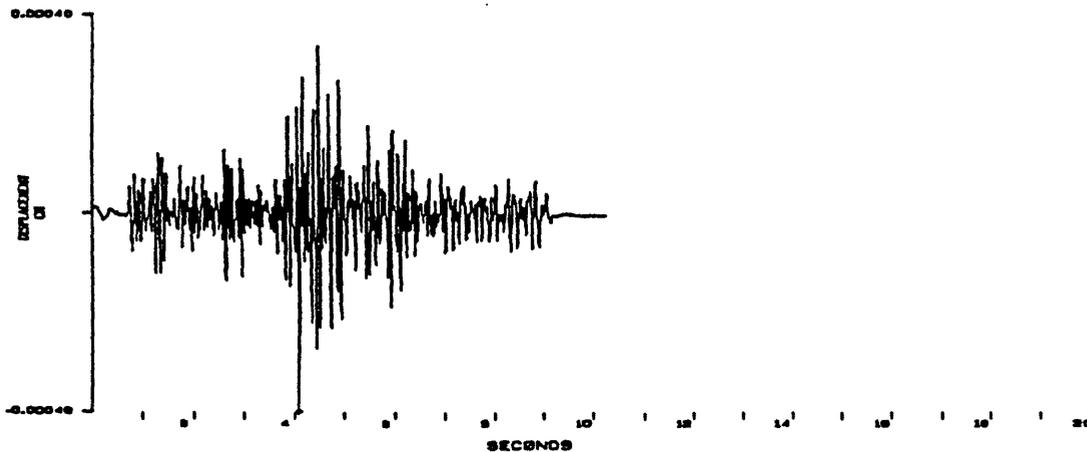
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3



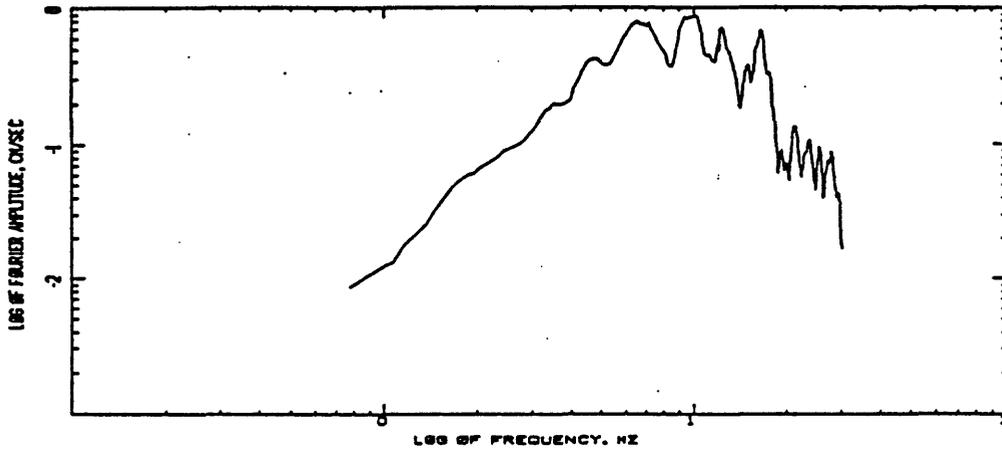
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3



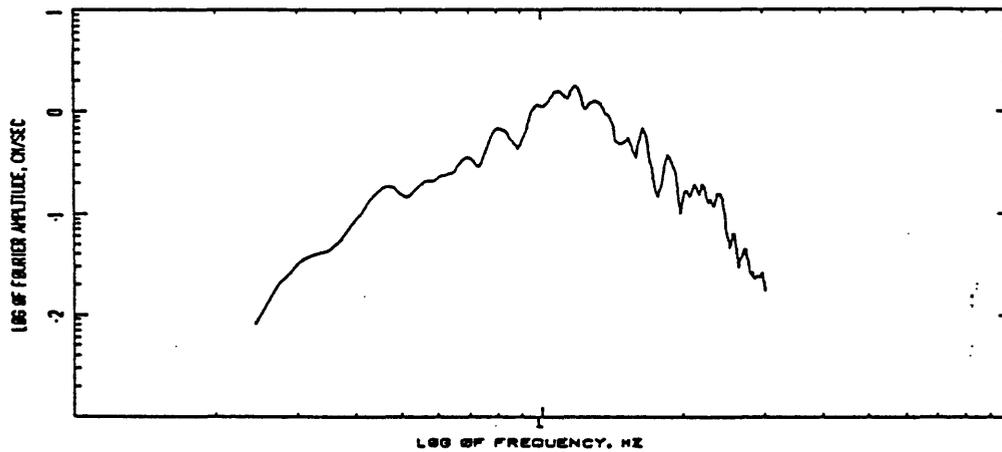
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3



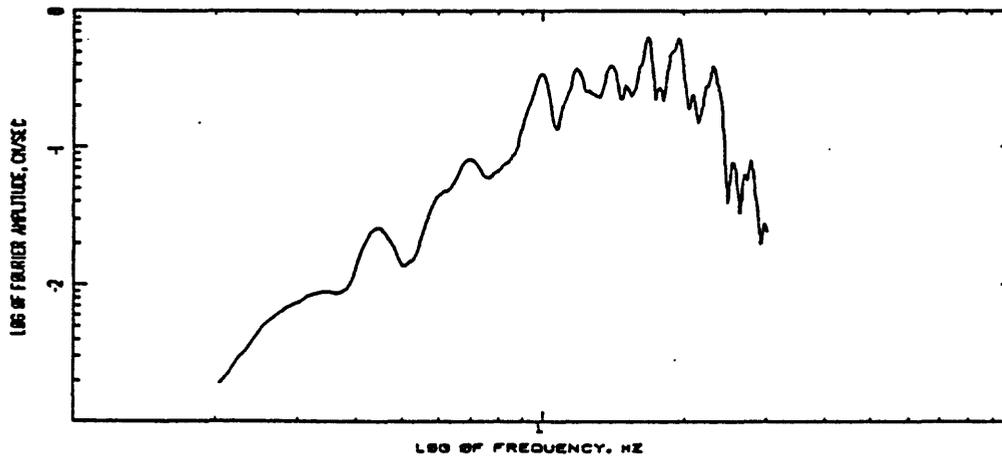
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 04:05:15 UTC, RL-3.3
STATION: 088, 001
COMPUTING OPTIONS: ZCRSS,SHOBT(K10),NONISE



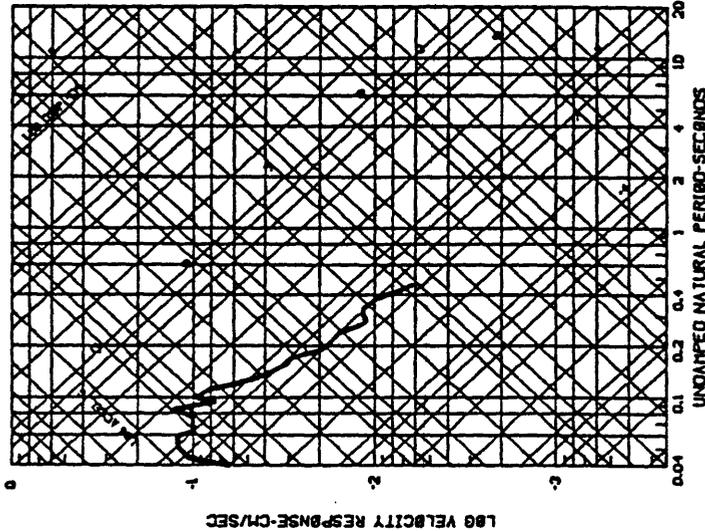
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 04:05:15 UTC, RL-3.3
STATION: 088, 002
COMPUTING OPTIONS: ZCRSS,SHOBT(K10),NONISE



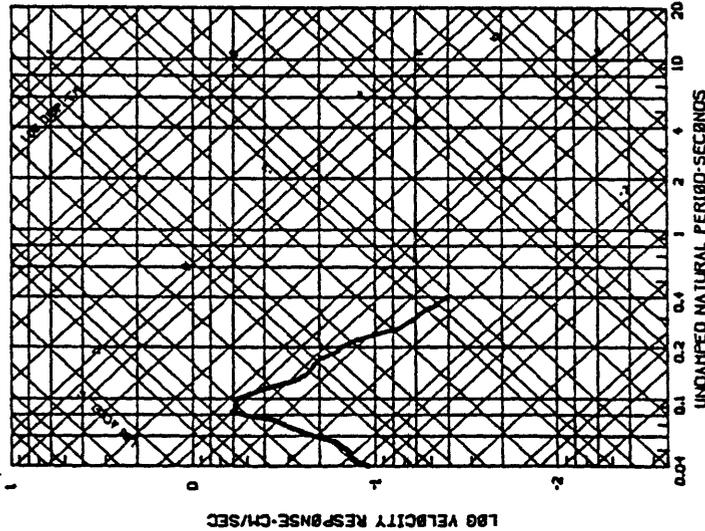
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 04:05:15 UTC, RL-3.3
STATION: 088, 003
COMPUTING OPTIONS: ZCRSS,SHOBT(K10),NONISE



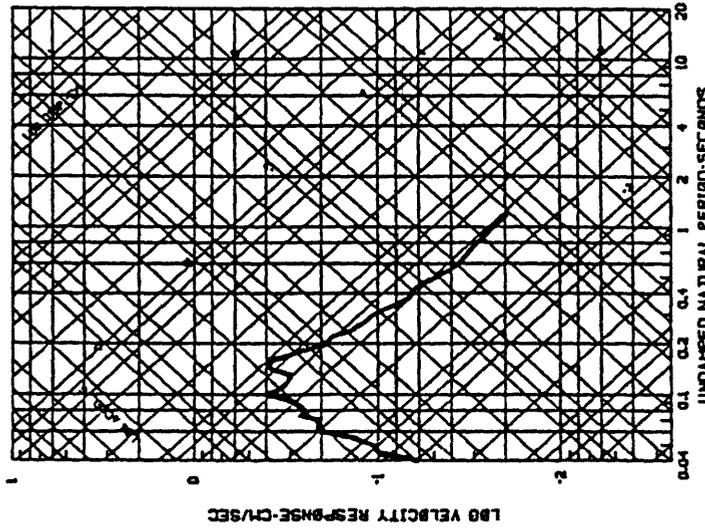
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 085 70 5 PERCENT CRITICAL DAMPING



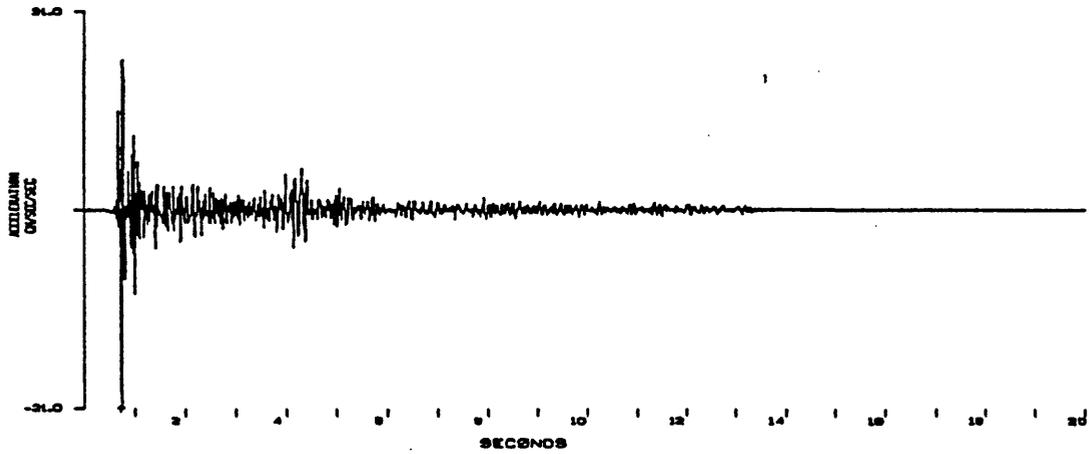
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 085 000 5 PERCENT CRITICAL DAMPING



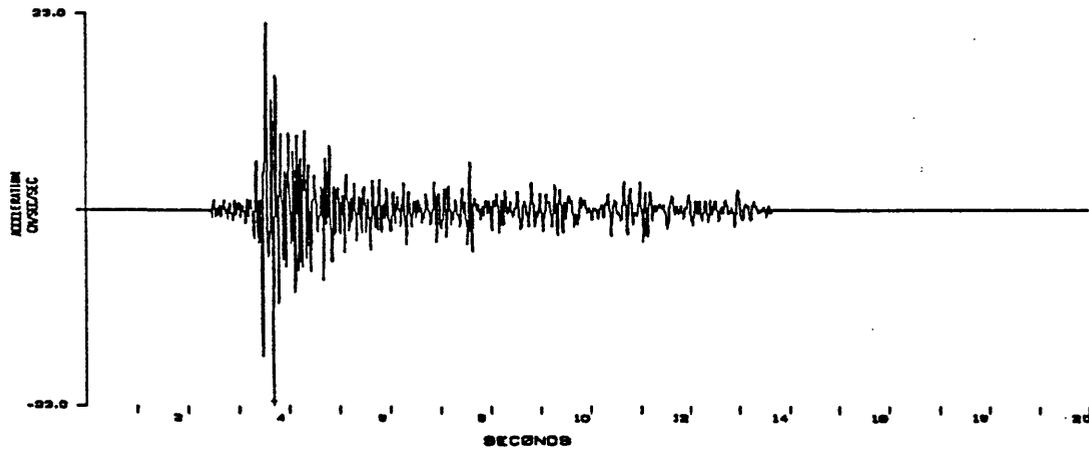
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 085 000 5 PERCENT CRITICAL DAMPING



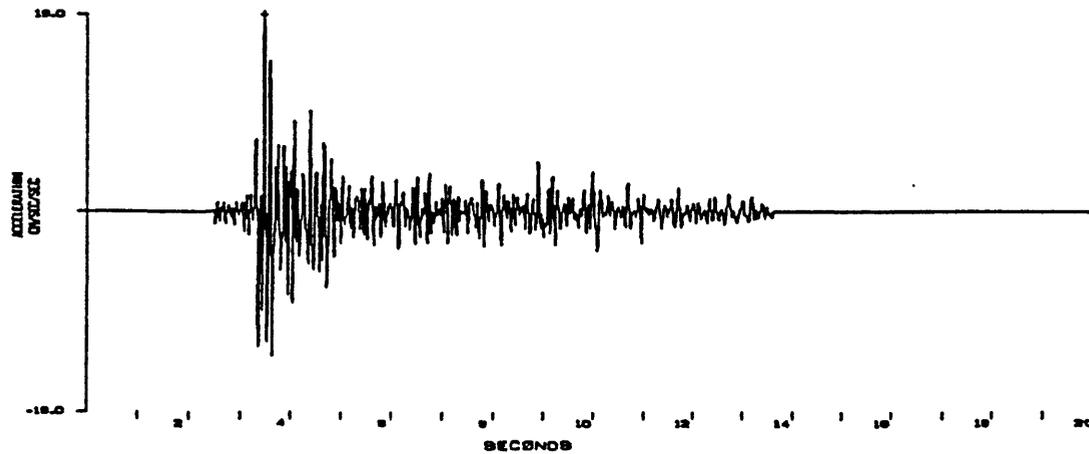
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JMS, VENT



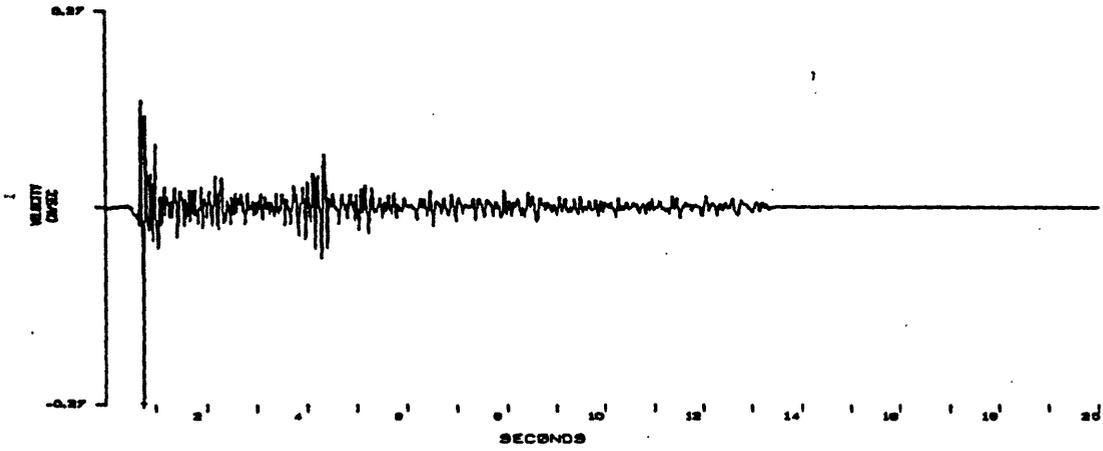
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JMS, 370



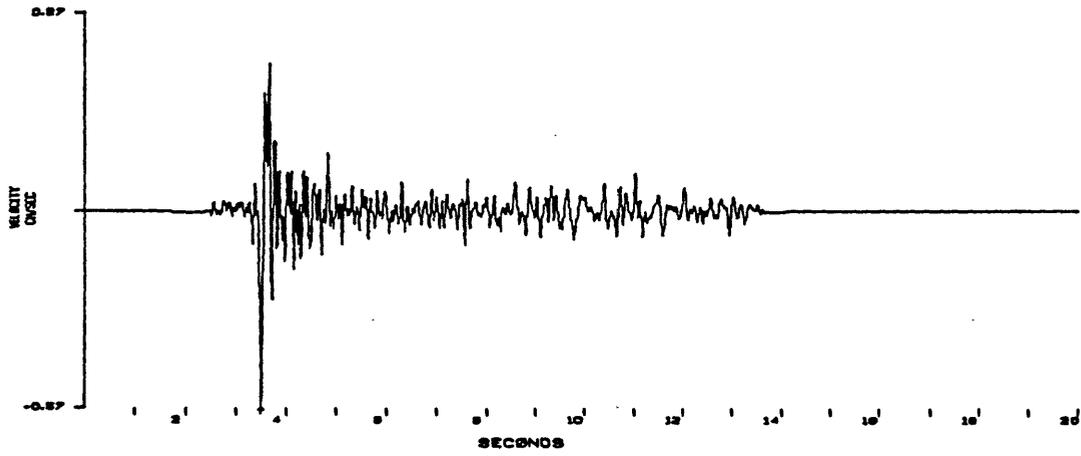
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JMS, 600



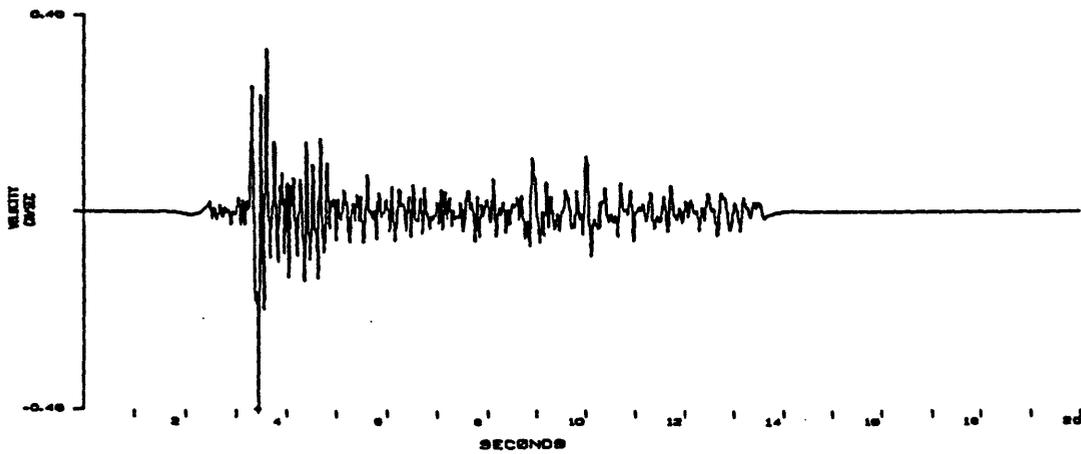
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, VERT



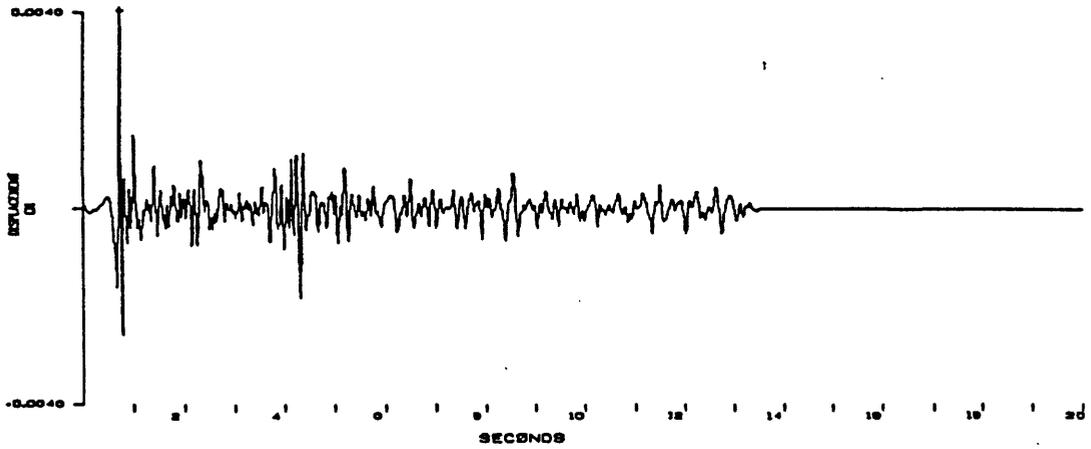
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, 270



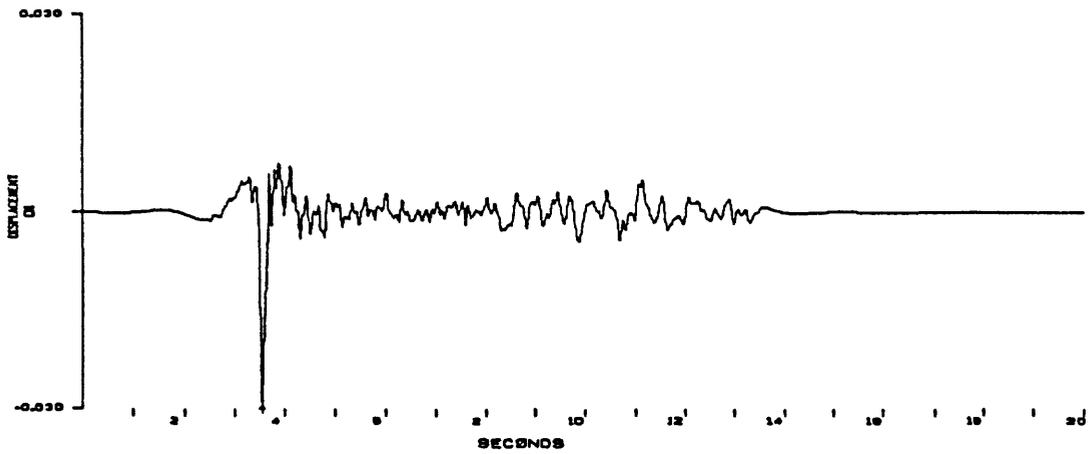
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, 000



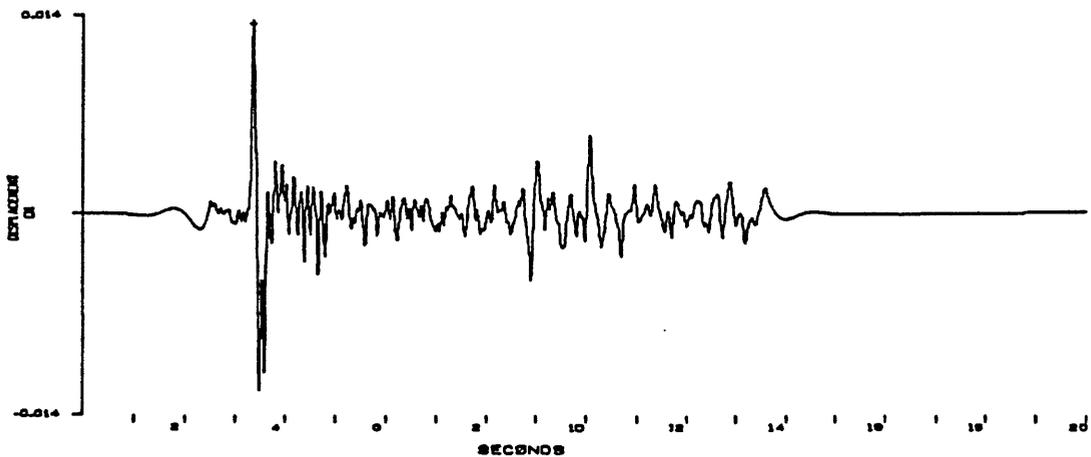
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, VER1



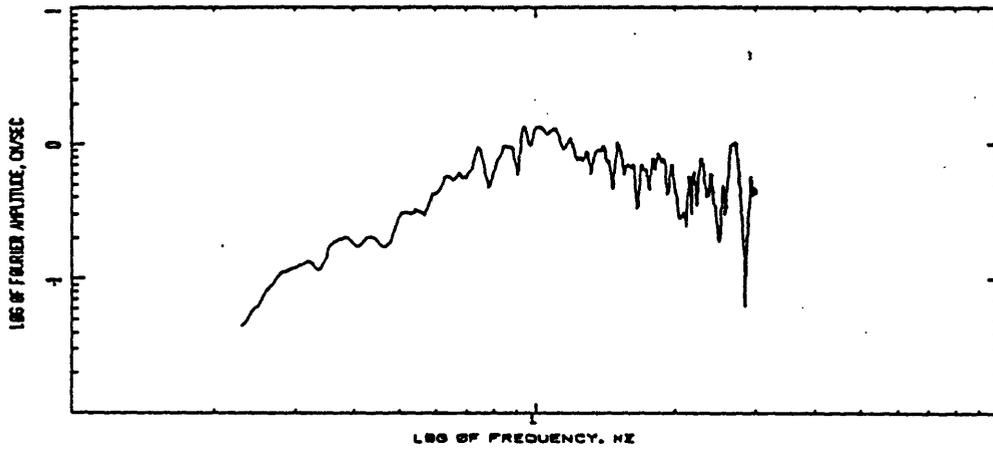
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, 270



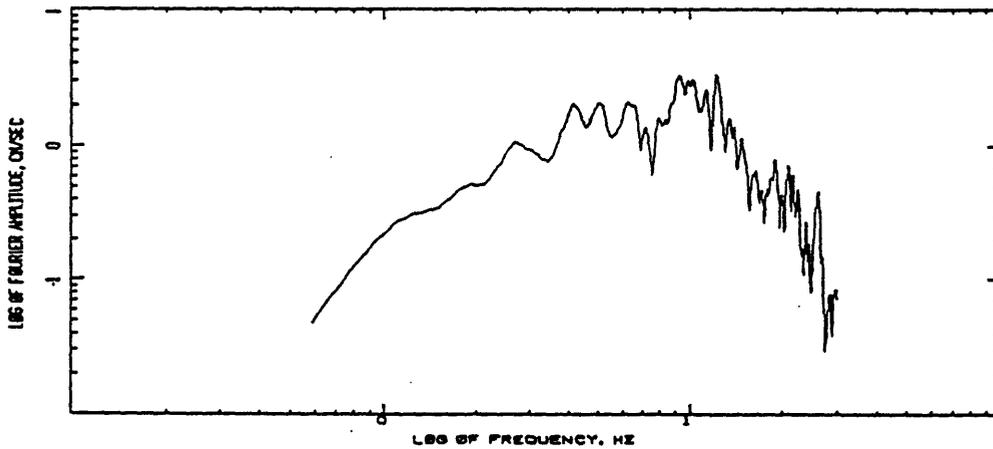
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, 000



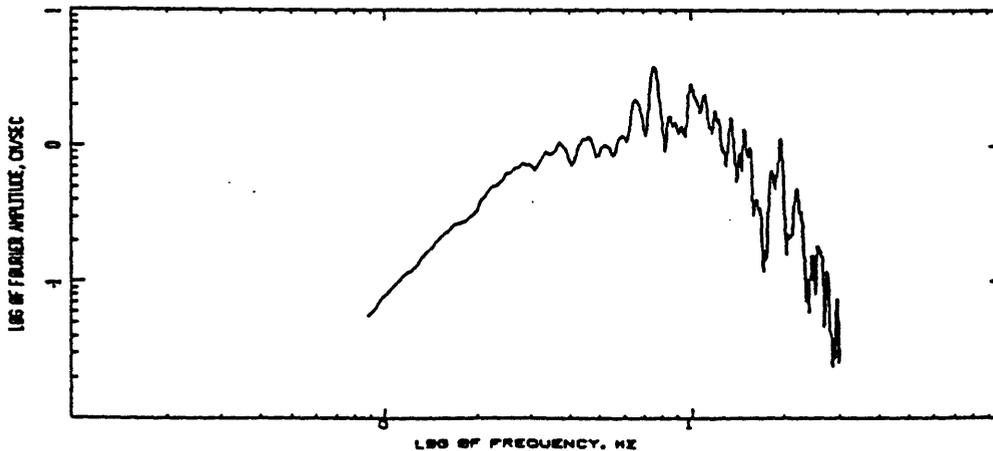
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073078.14.8255 UTC. RL-3.3
STATION 115.270
COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



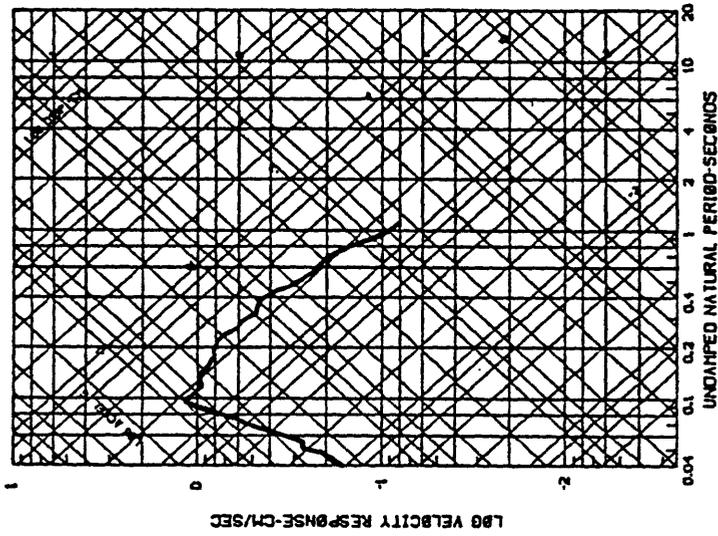
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073078.14.8255 UTC. RL-3.3
STATION 115.000
COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



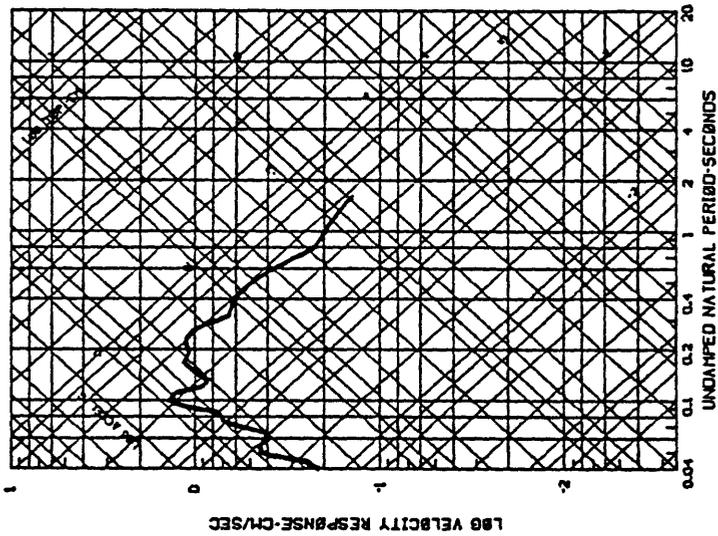
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073078.14.8255 UTC. RL-3.3
STATION 115.000
COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



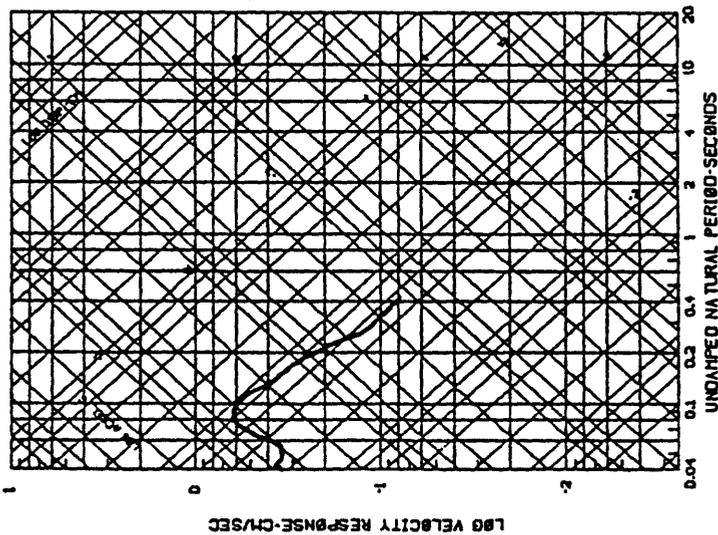
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 155, 5 PERCENT CRITICAL DAMPING



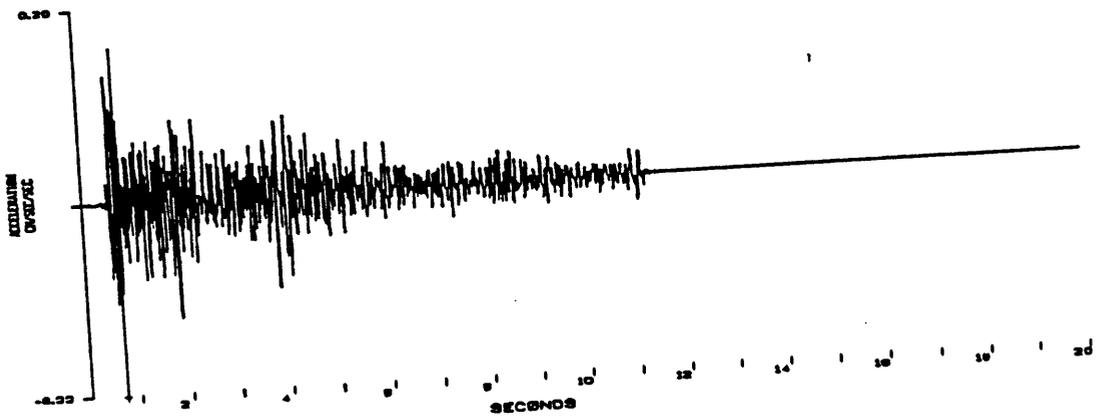
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 155, 5 PERCENT CRITICAL DAMPING



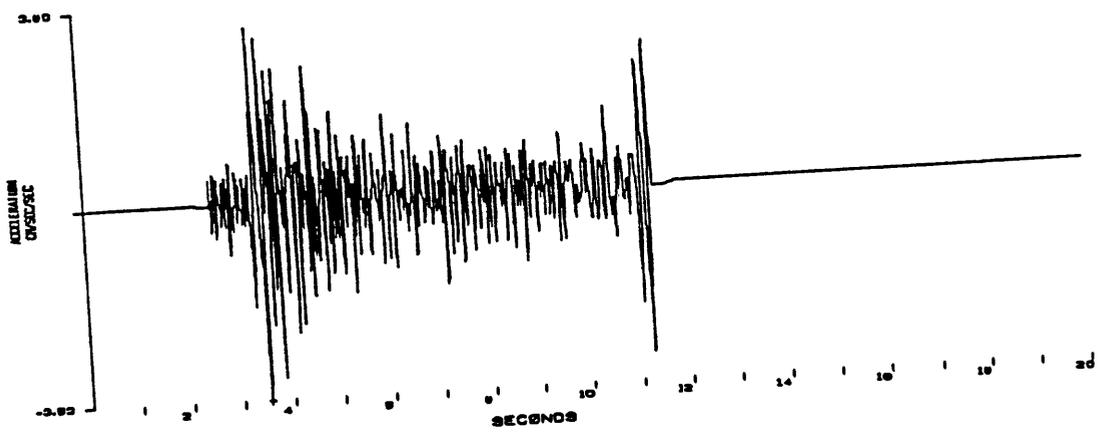
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L-3.3
 STATION 155, 5 PERCENT CRITICAL DAMPING



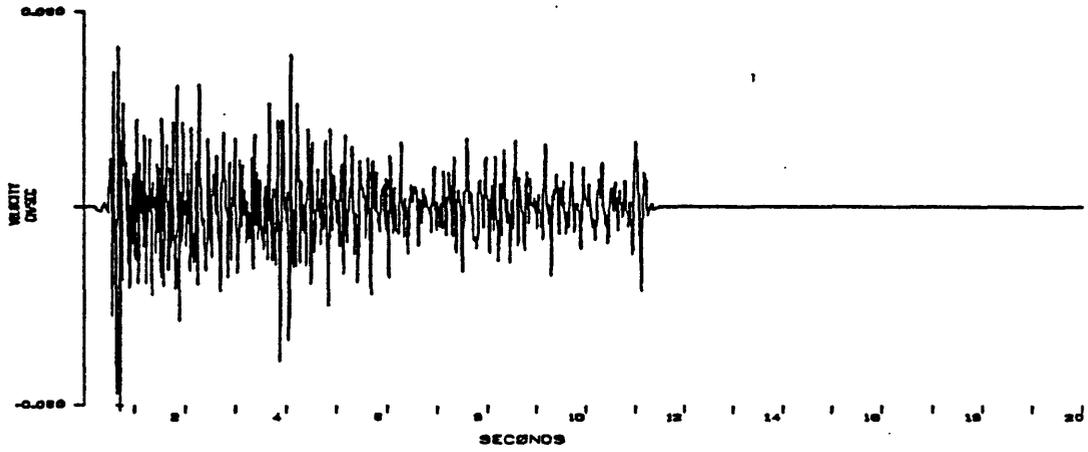
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML=3.3
STATION RVR, VERT



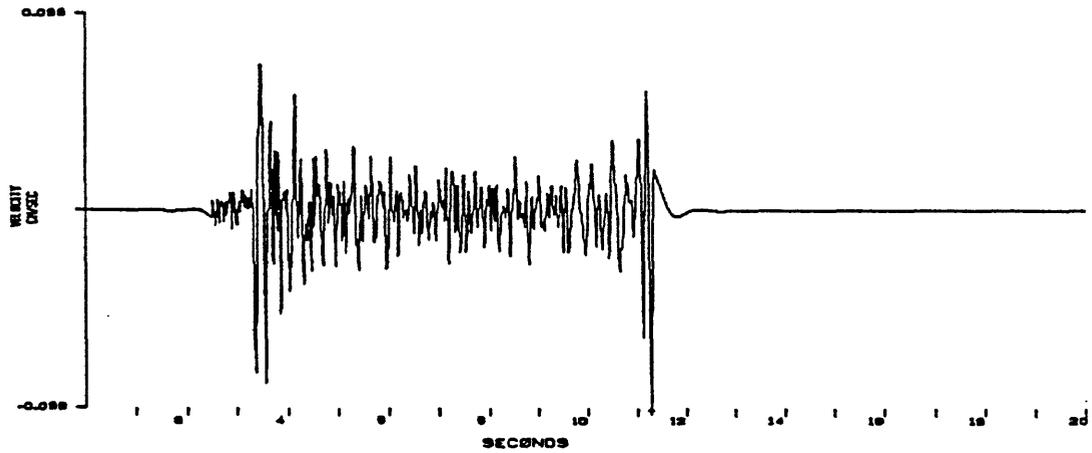
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML=3.3
STATION RVR, 270



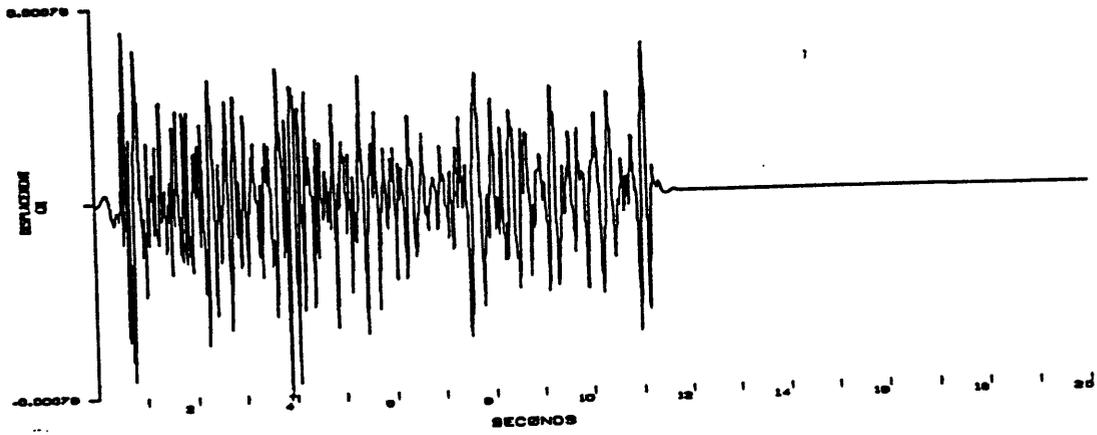
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, VERT



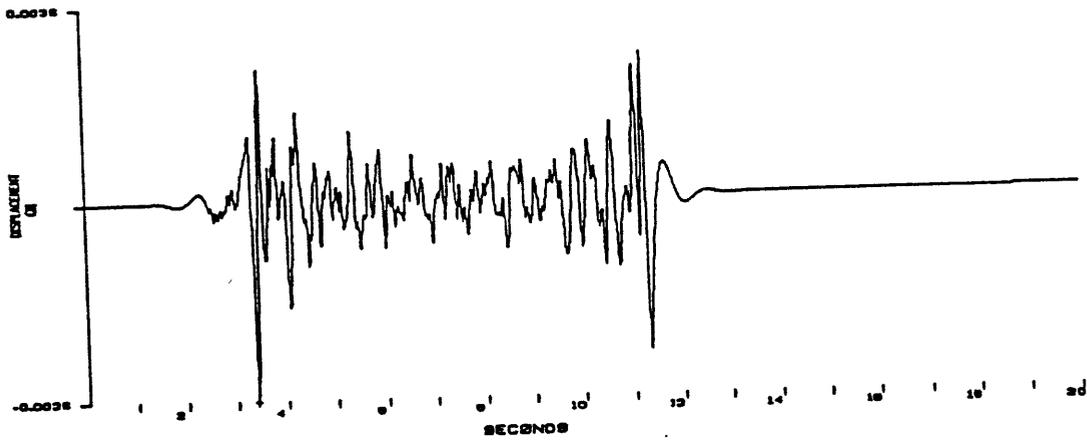
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, 270



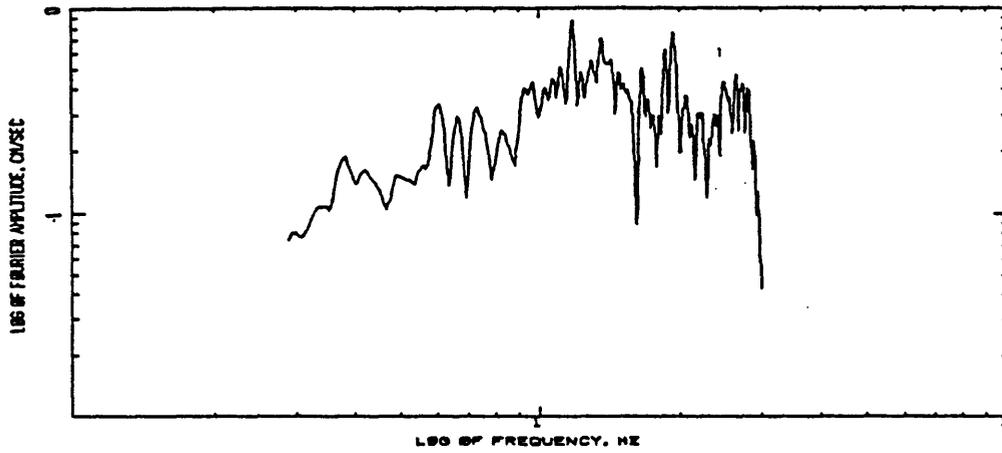
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, VERT



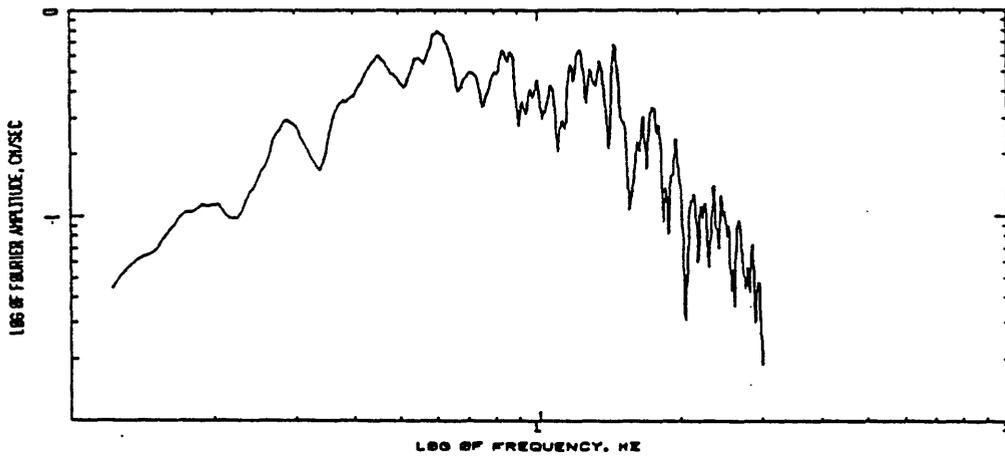
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, 270



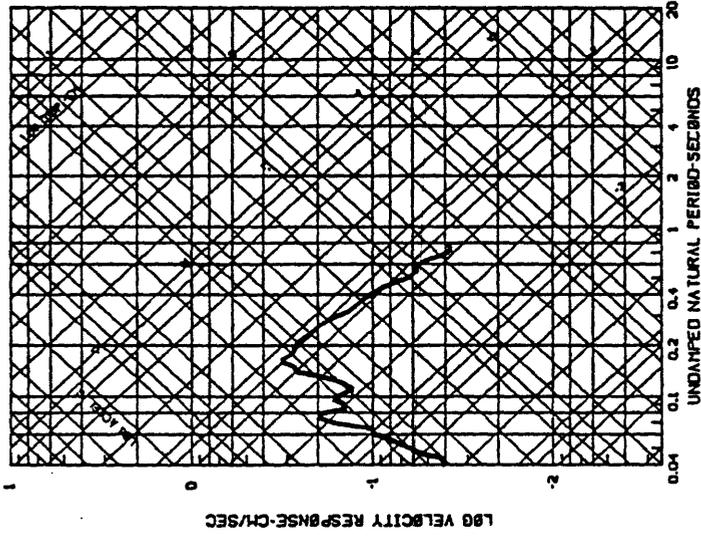
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 04:03:55 UTC. RL-3.3
COMPUTING OPTIONS: ZCRSS,SHOOTM101,NONSIE



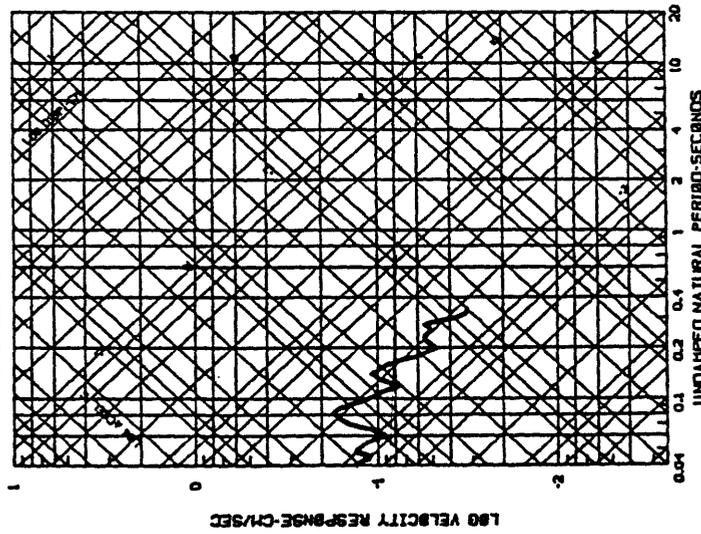
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 04:03:55 UTC. RL-3.3
COMPUTING OPTIONS: ZCRSS,SHOOTM101,NONSIE



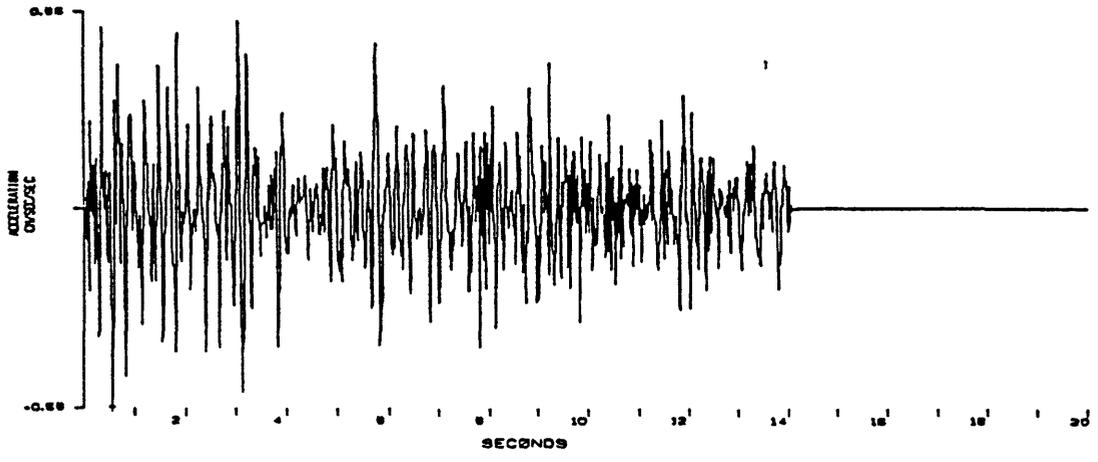
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 45255 UTC, FL-33
 5 PERCENT CRITICAL DAMPING



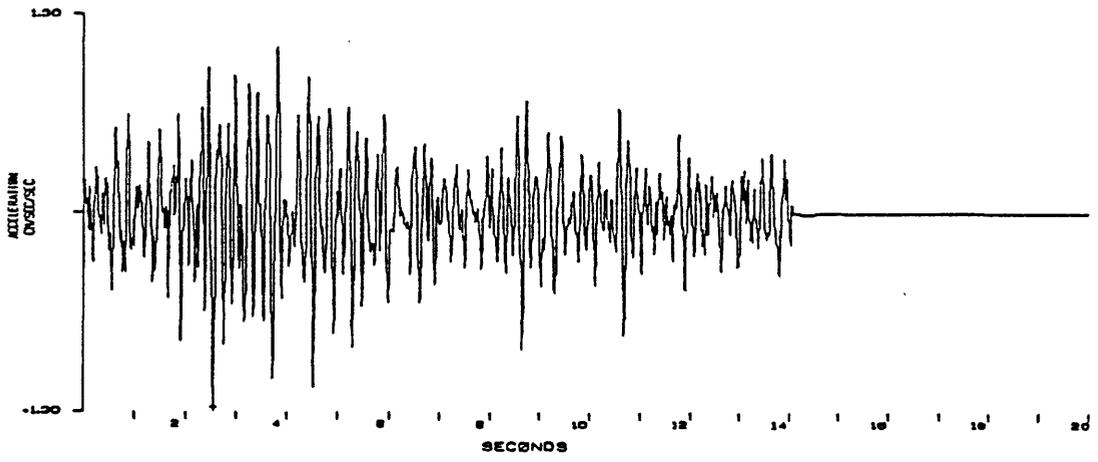
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 45255 UTC, FL-33
 5 PERCENT CRITICAL DAMPING



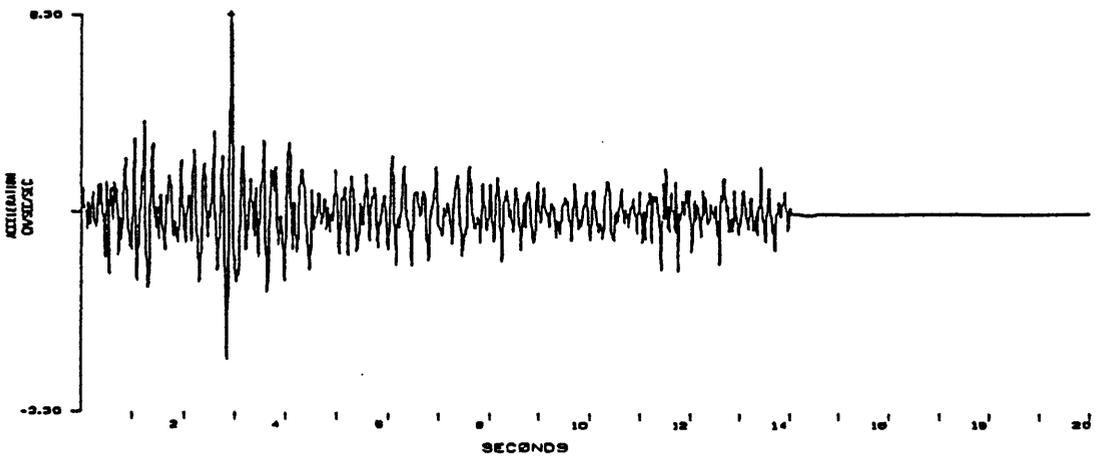
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, VERT



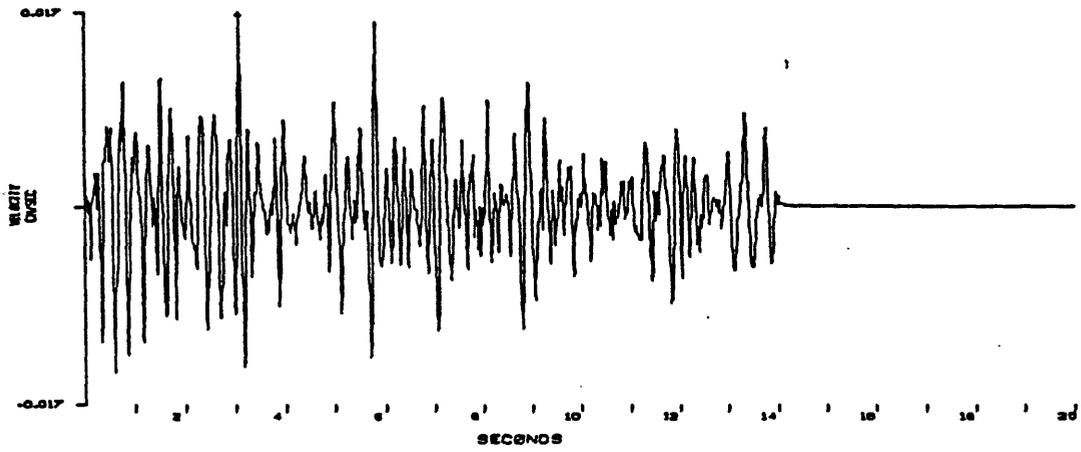
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 000



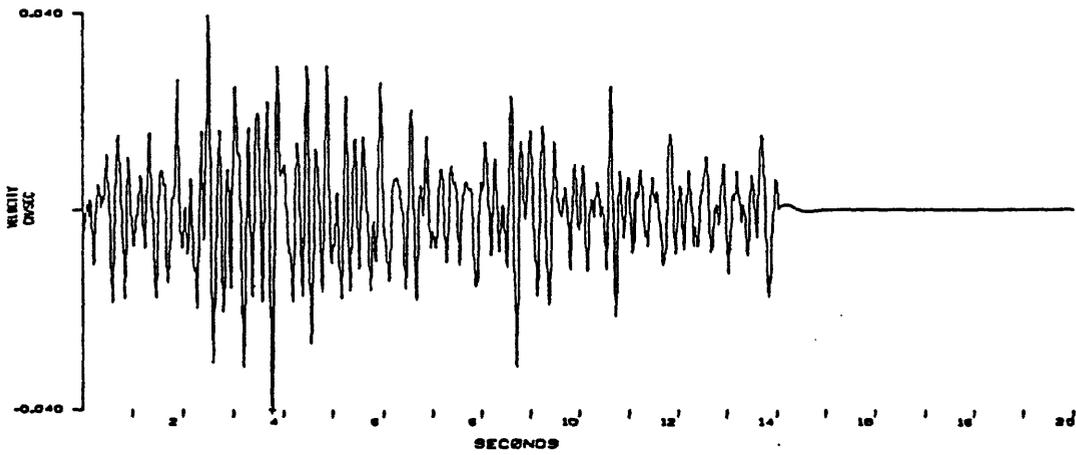
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 273



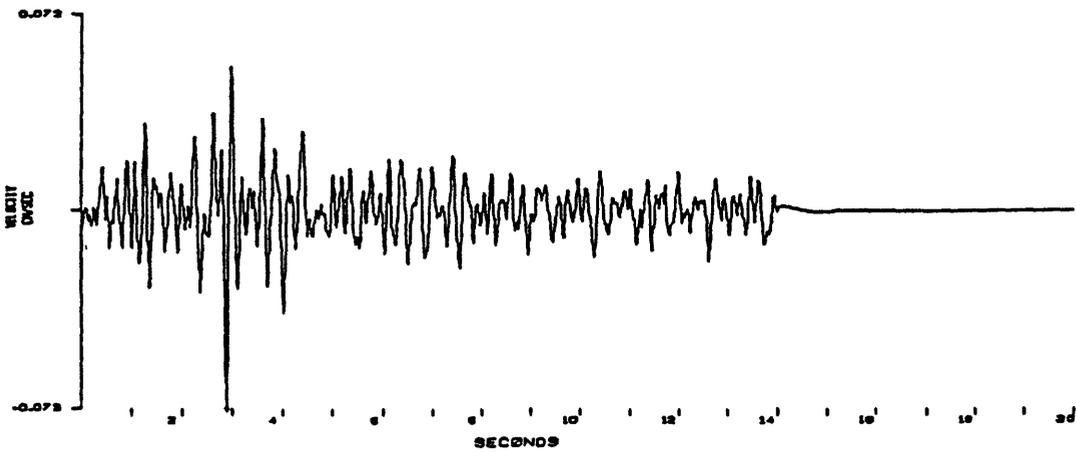
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, VRY



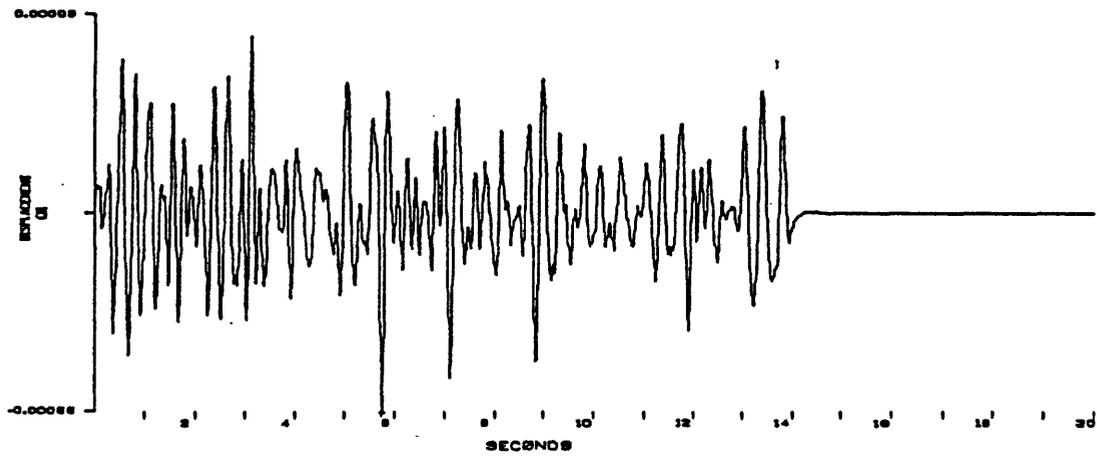
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, 000



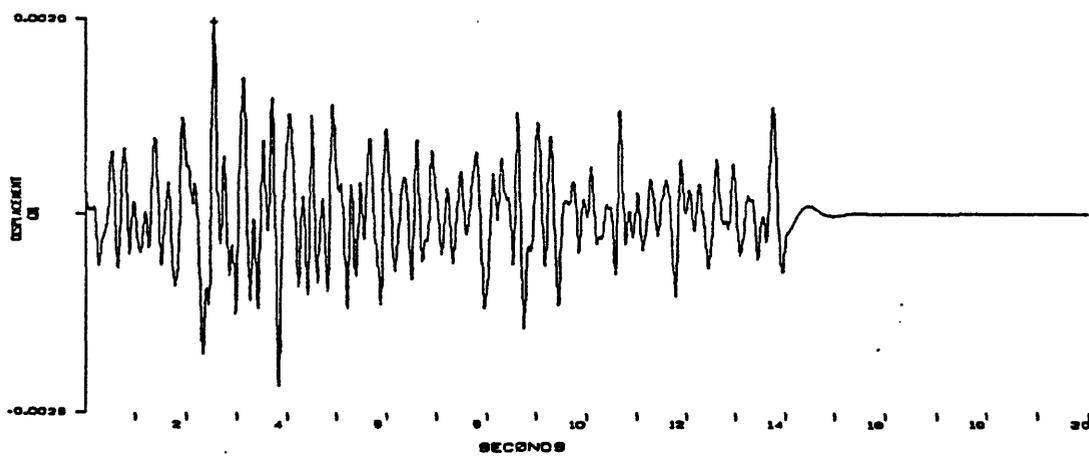
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, 270



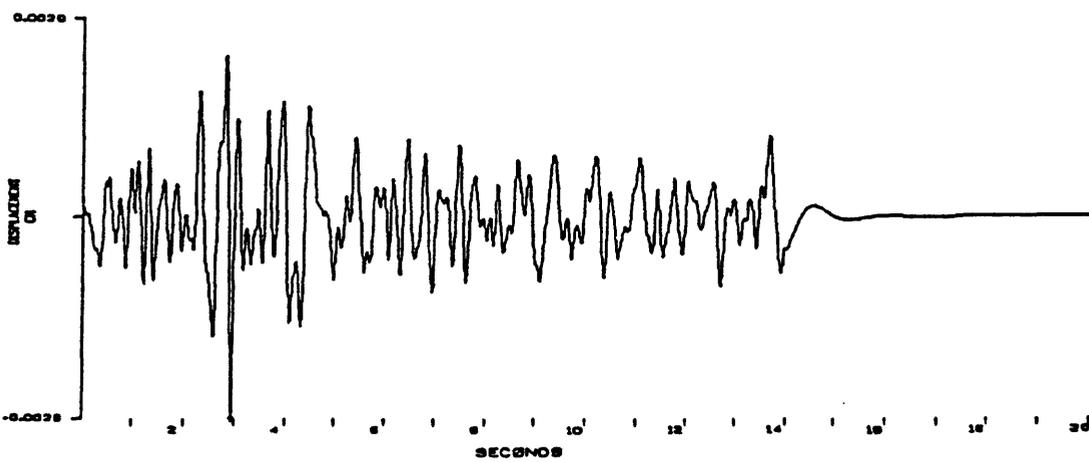
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 067



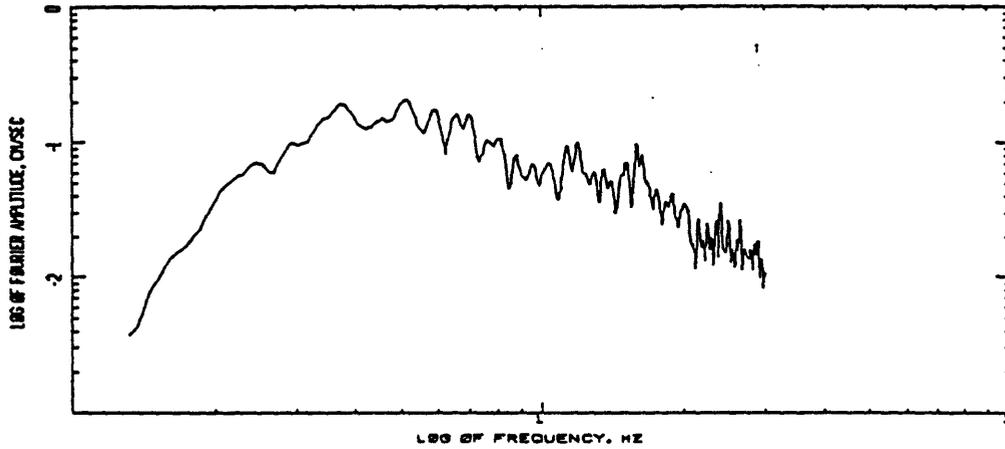
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 000



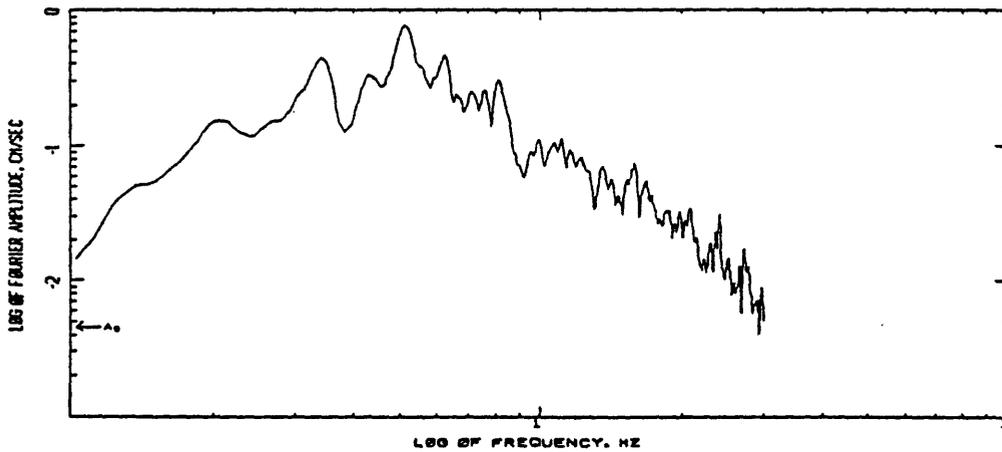
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 173



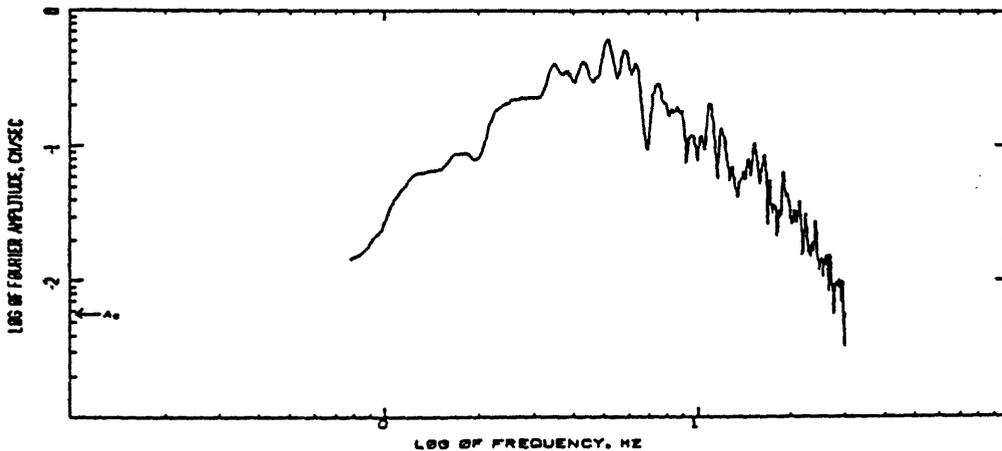
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 14:05:55 UTC, ML-3.3
STATION SLO 270
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONISE



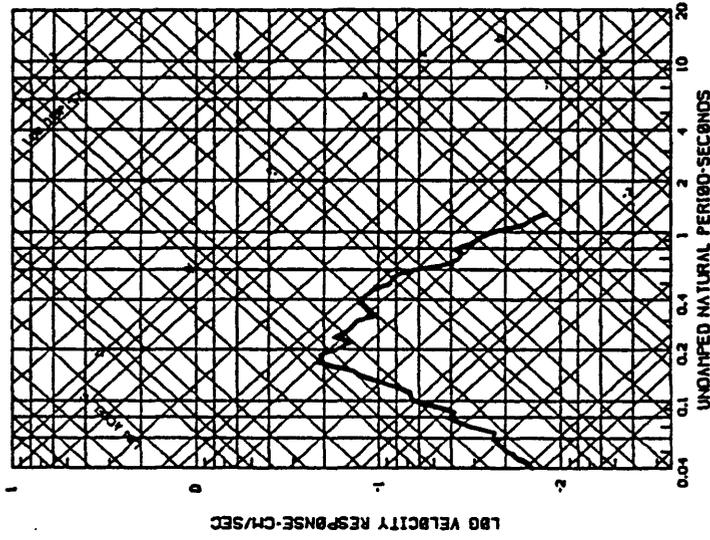
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 14:05:55 UTC, ML-3.3
STATION SLO 270
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONISE



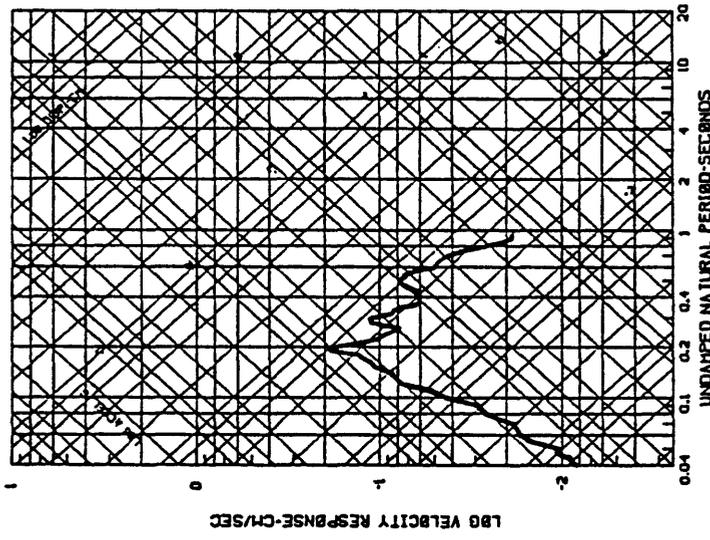
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 14:05:55 UTC, ML-3.3
STATION SLO 270
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONISE



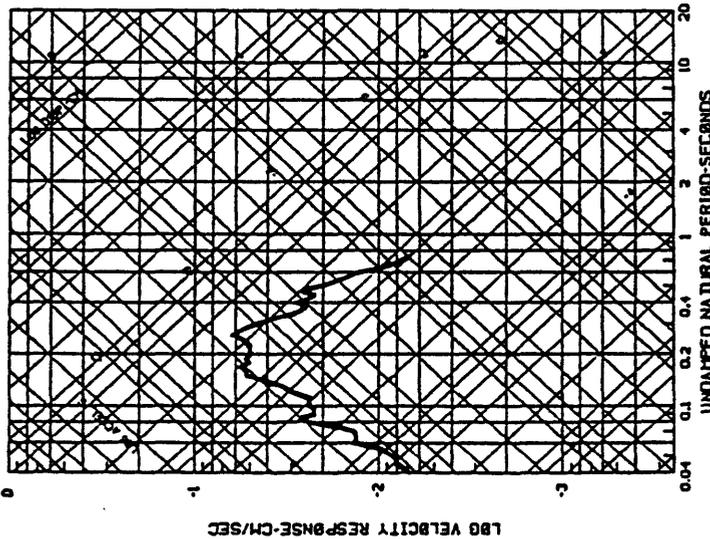
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
 STATION S10, 270
 5 PERCENT CRITICAL DAMPING



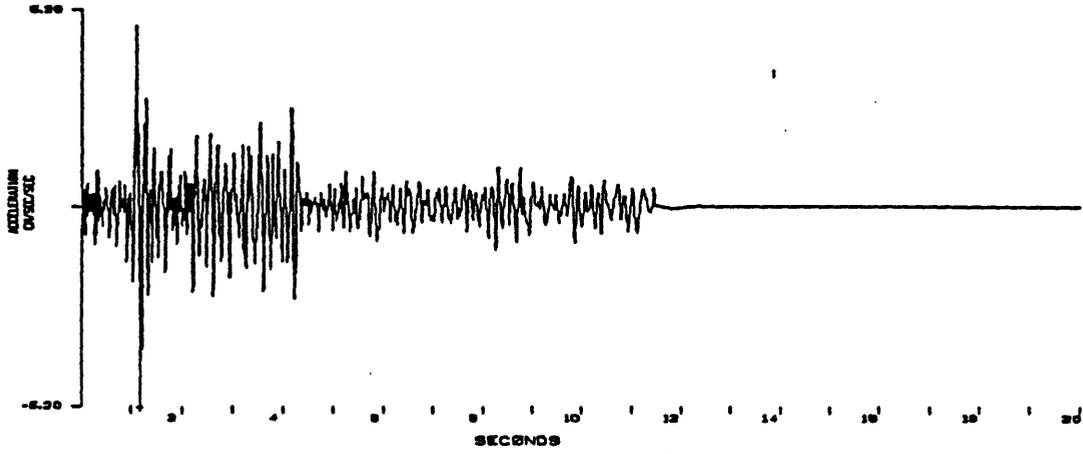
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
 STATION S10, 000
 5 PERCENT CRITICAL DAMPING



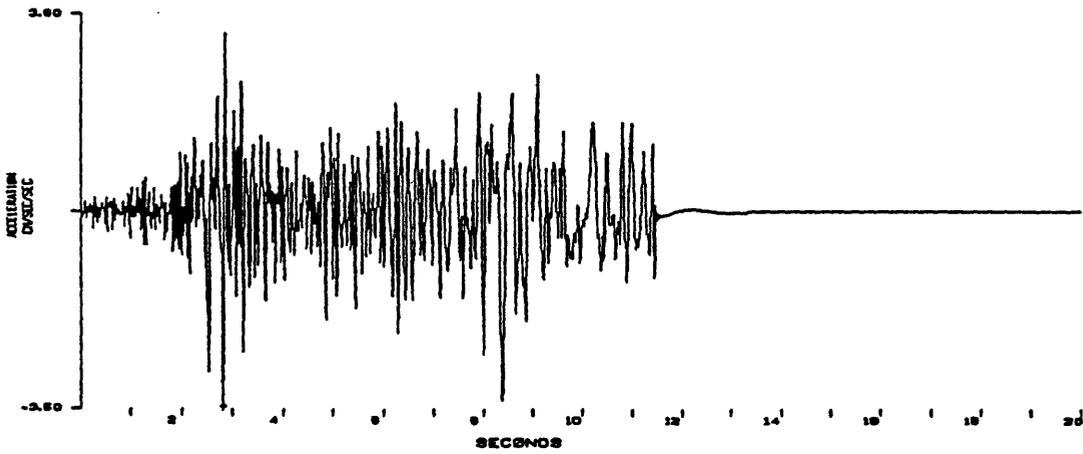
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
 STATION S10, 100
 5 PERCENT CRITICAL DAMPING



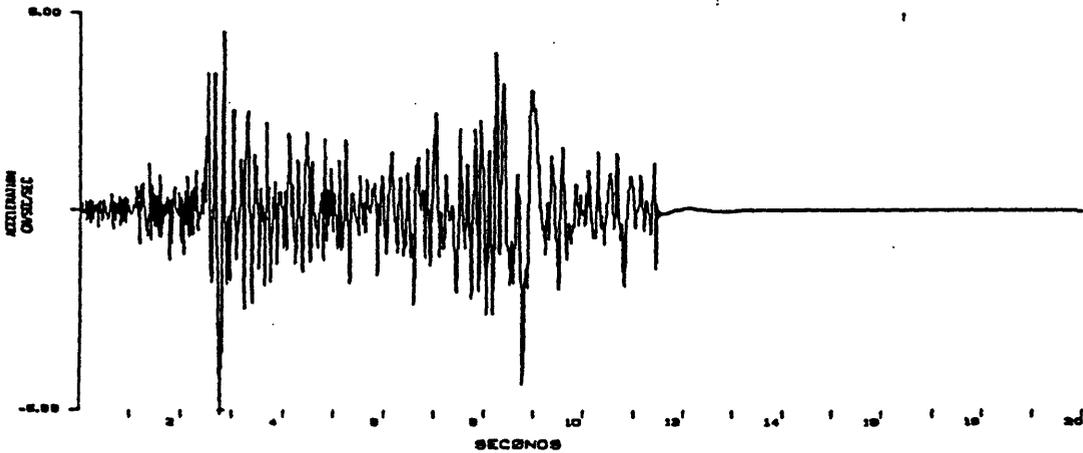
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 2ER4



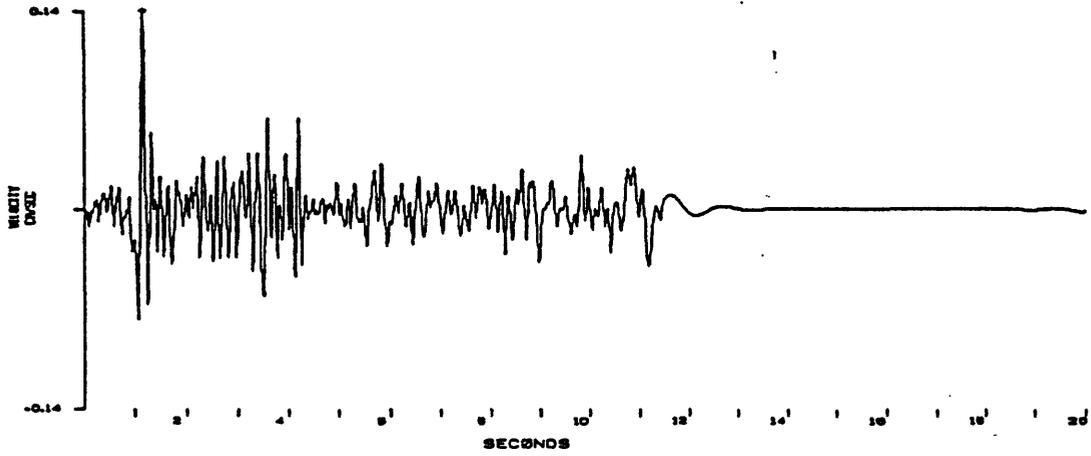
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 00U



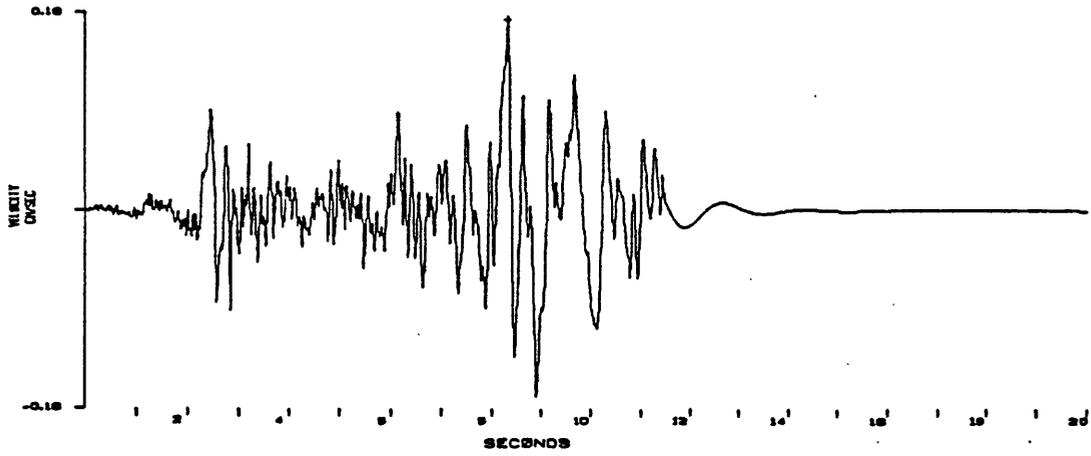
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 27D



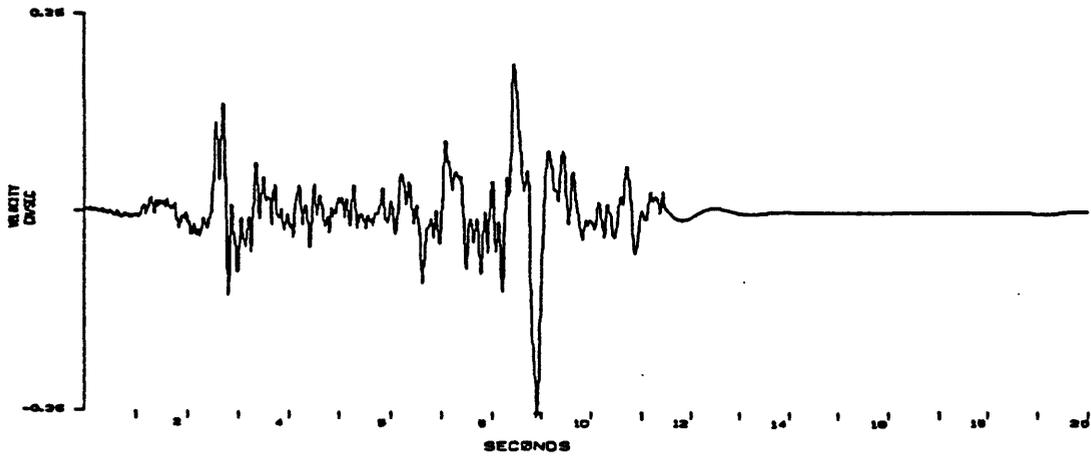
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:47:50 UTC, ML=5.3
STATION AFB, 278



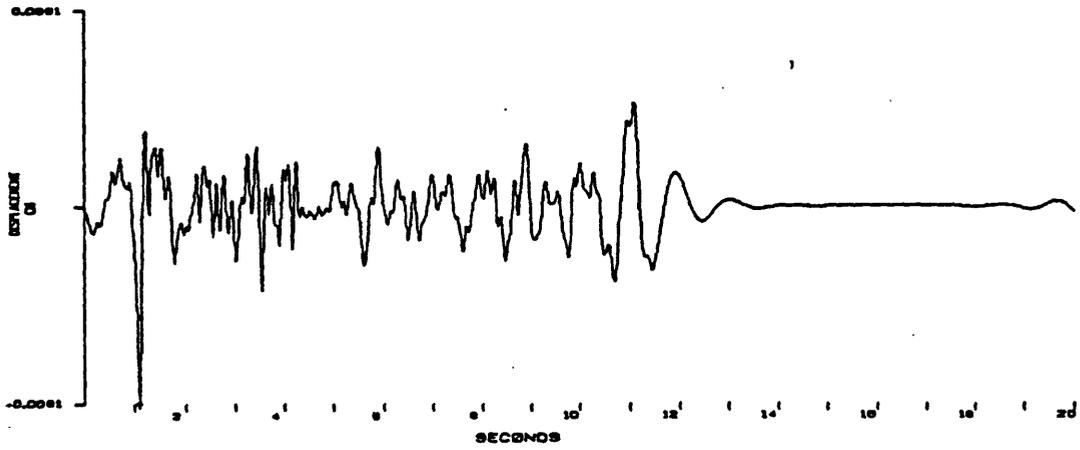
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, ML=5.3
STATION AFB, 278



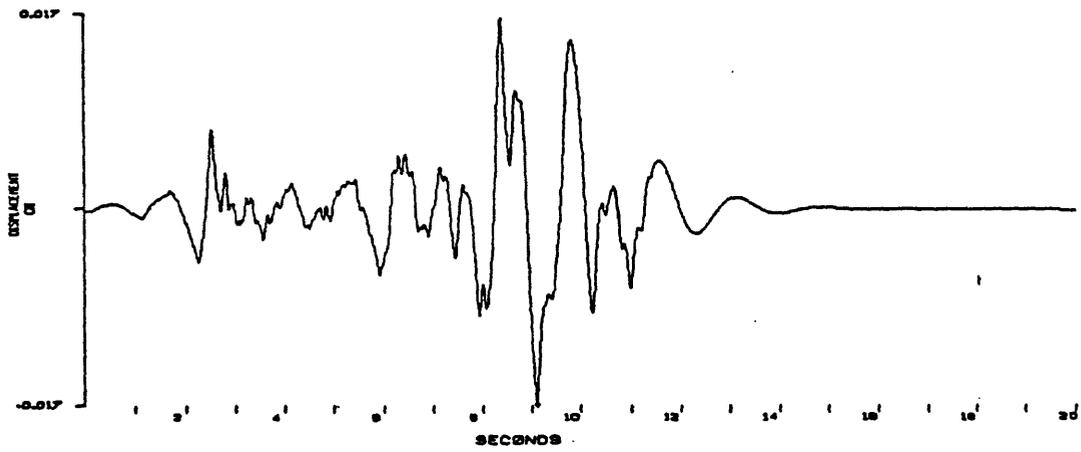
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, ML=5.3
STATION AFB, 278



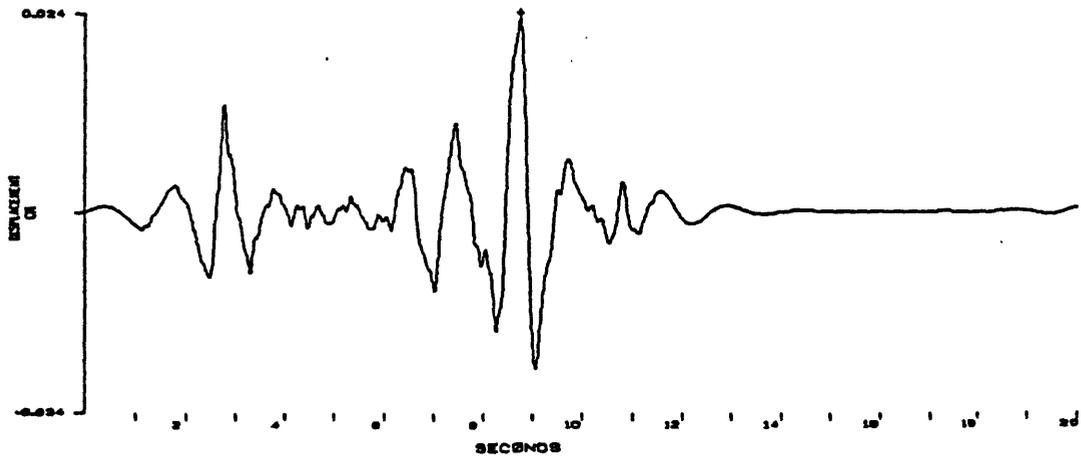
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 6281



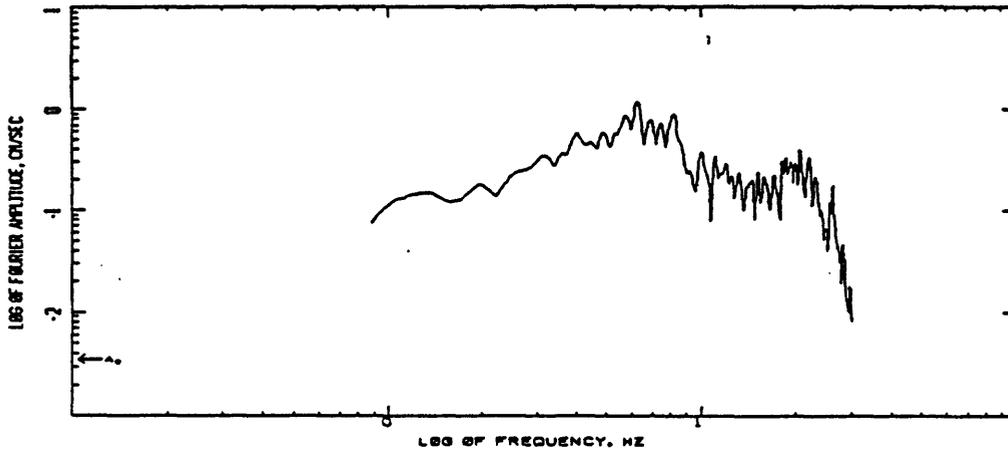
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 000



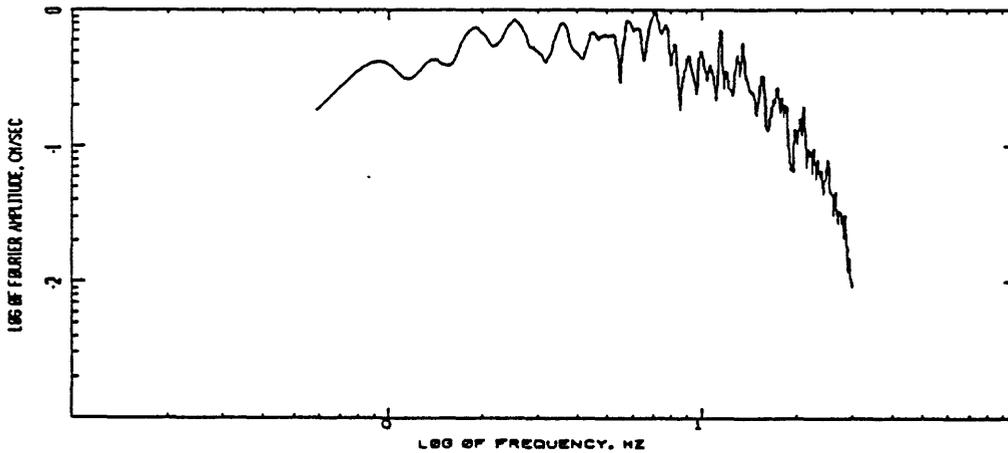
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 270



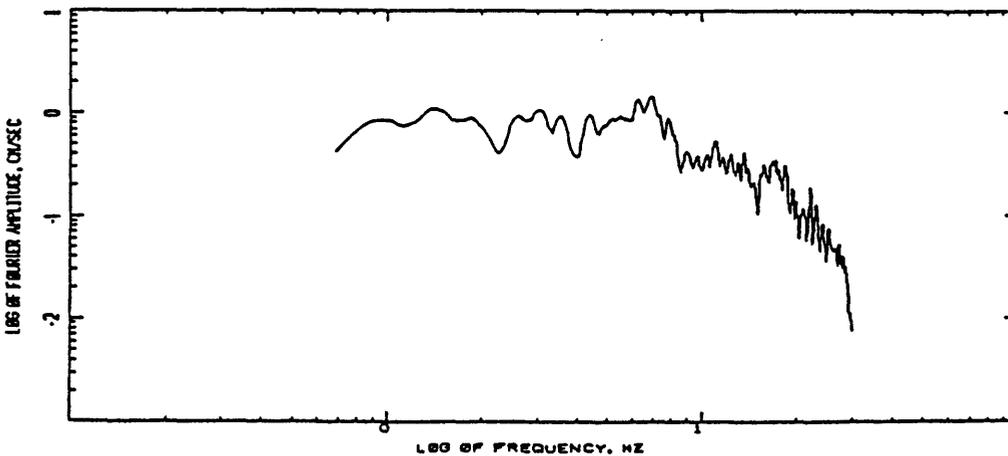
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/21/76, 18:17:55 UTC, ML=3.3
STATION 458, 000
COMPUTING OPTIONS - ZCROSS,SHOBTM10,NOISE



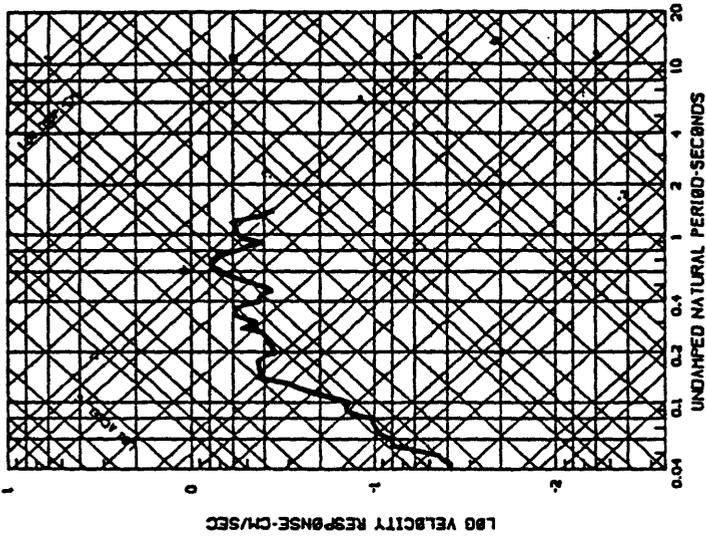
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/21/76, 18:17:55 UTC, ML=3.3
STATION 458, 000
COMPUTING OPTIONS - ZCROSS,SHOBTM10,NOISE



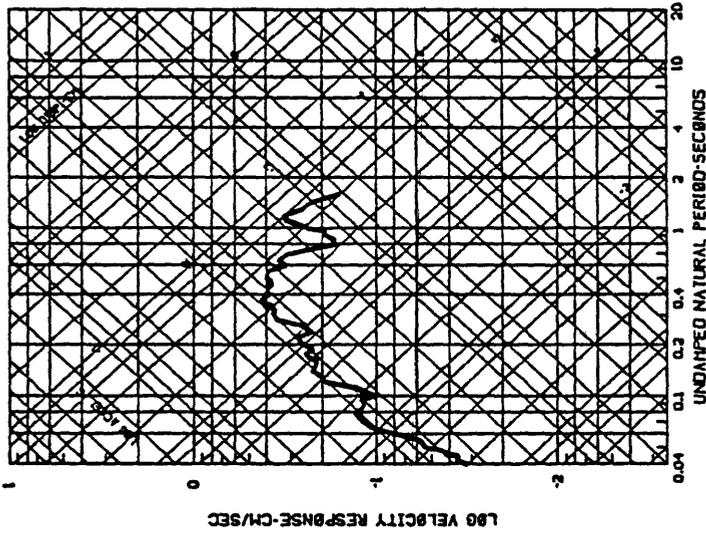
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 09/21/76, 18:17:55 UTC, ML=3.3
STATION 458, 000
COMPUTING OPTIONS - ZCROSS,SHOBTM10,NOISE



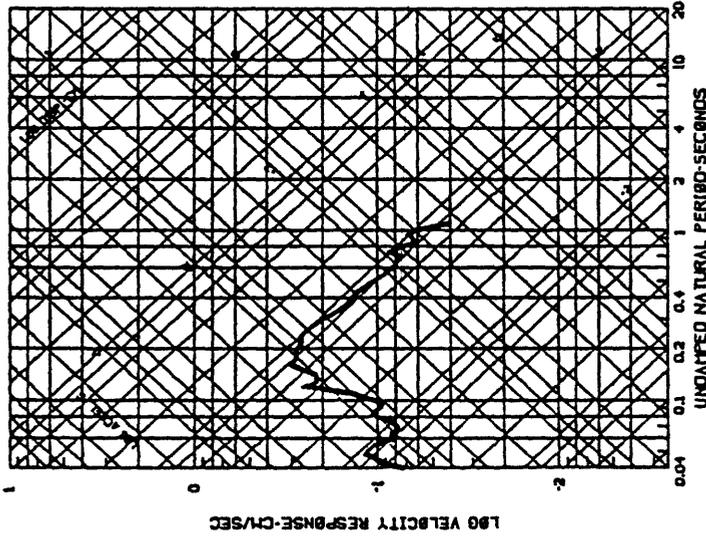
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



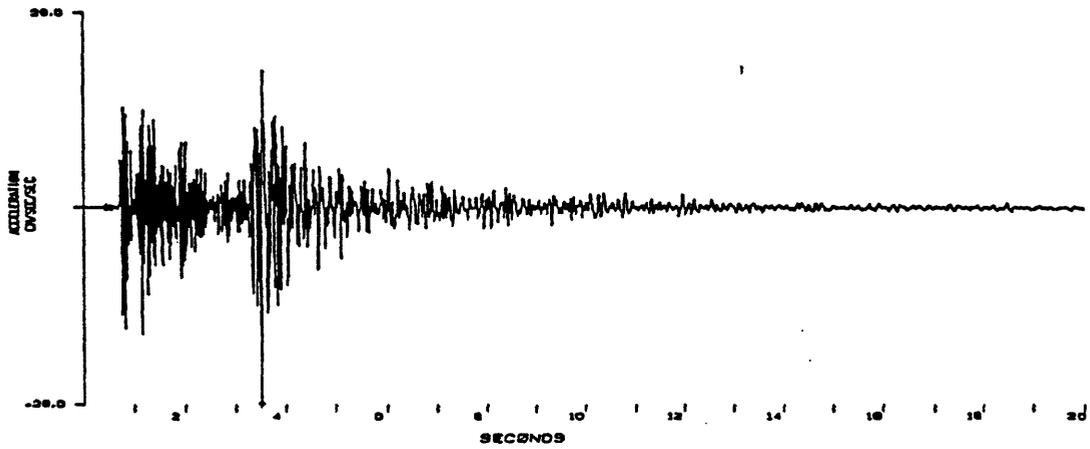
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



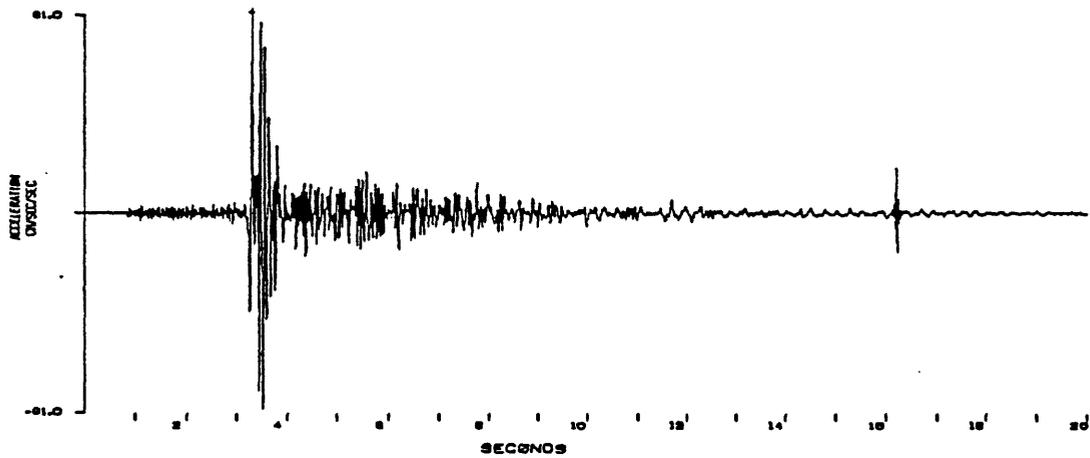
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



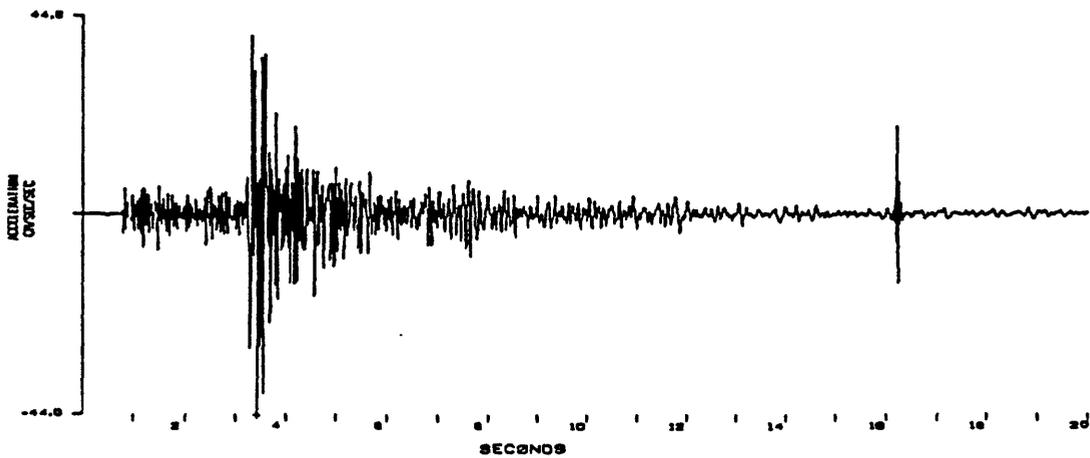
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, ML-3.3
STATION CRK. 6ER1



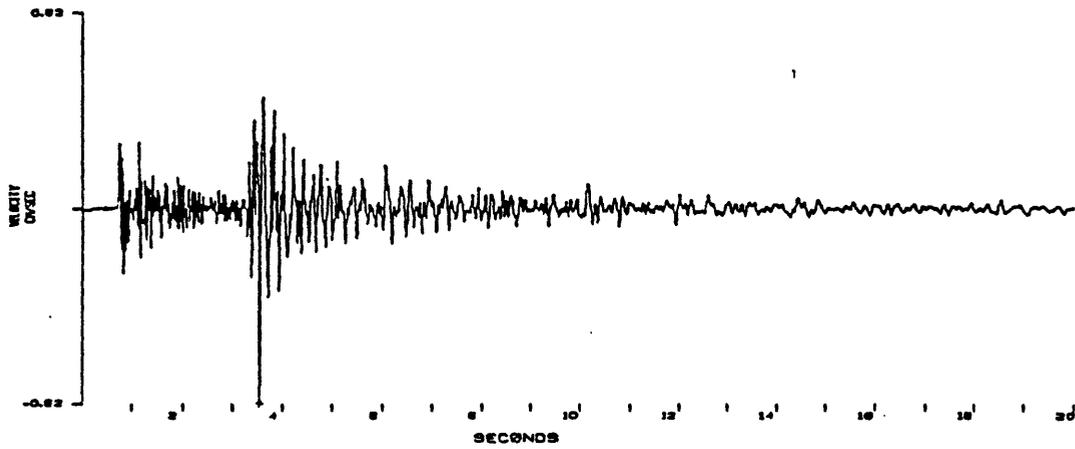
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, ML-3.3
STATION CRK. 6DB



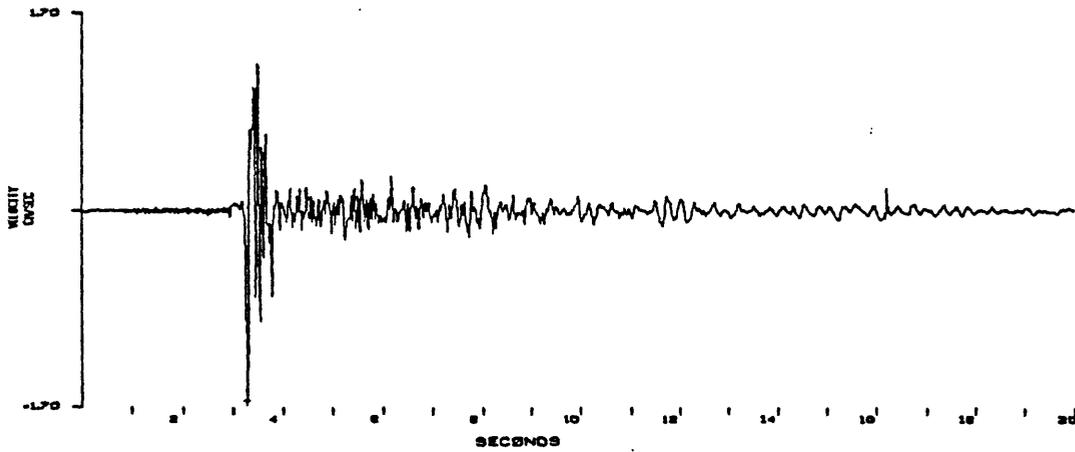
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, ML-3.3
STATION CRK. 27B



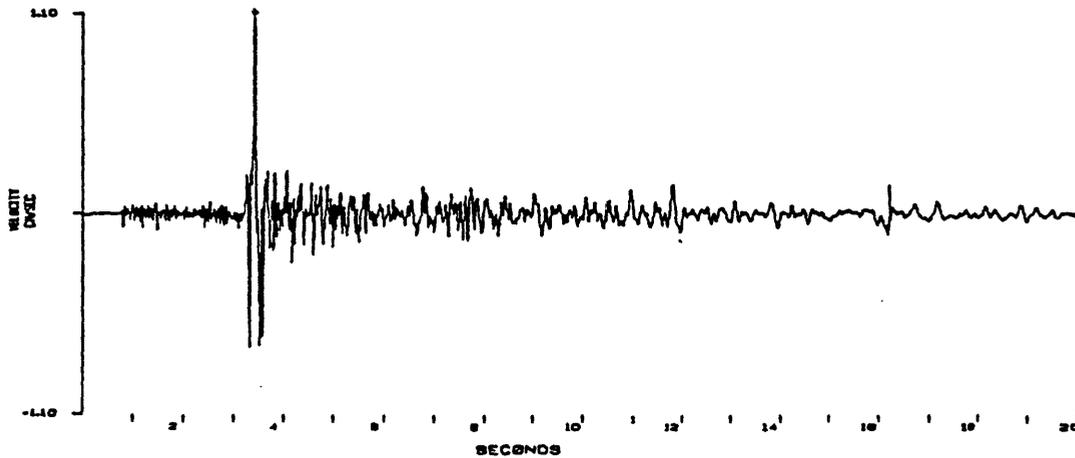
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:50 UTC, ML-3.3
STATION CRK, 6281



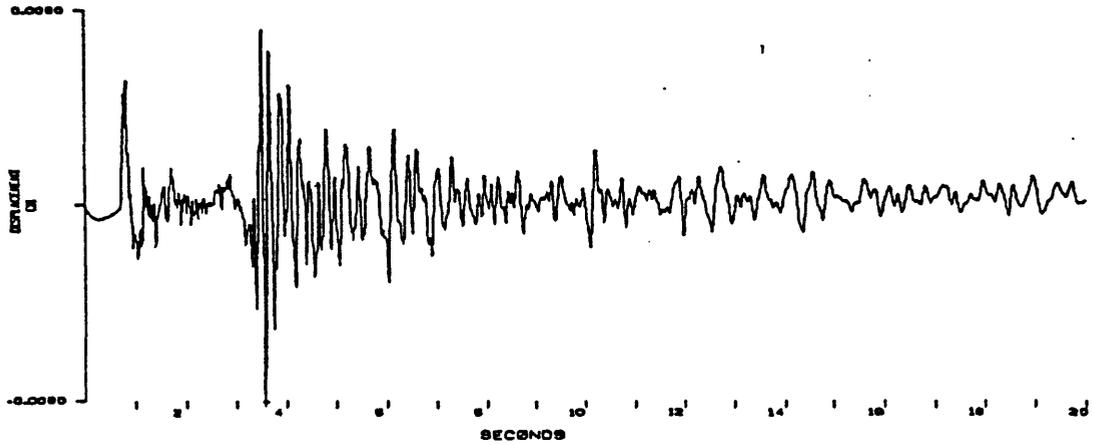
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:50 UTC, ML-3.3
STATION CRK, 000



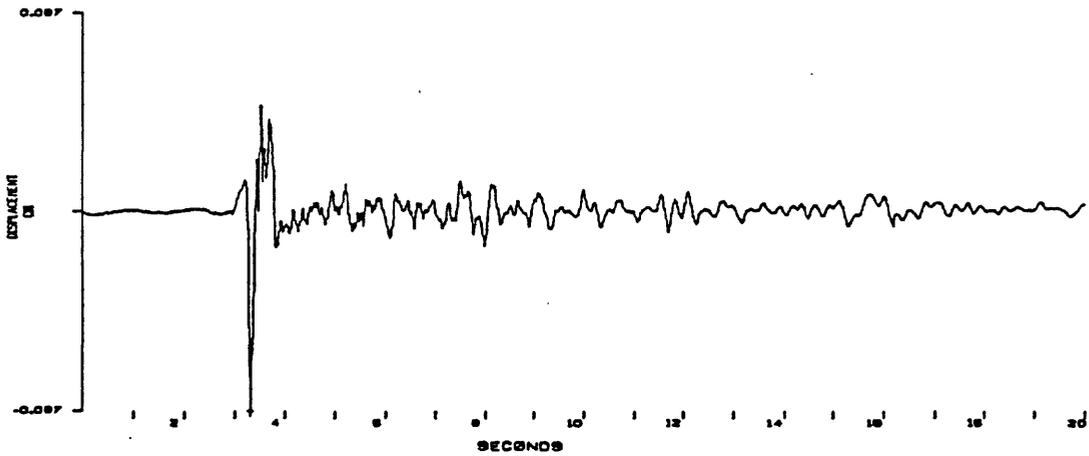
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:50 UTC, ML-3.3
STATION CRK, 278



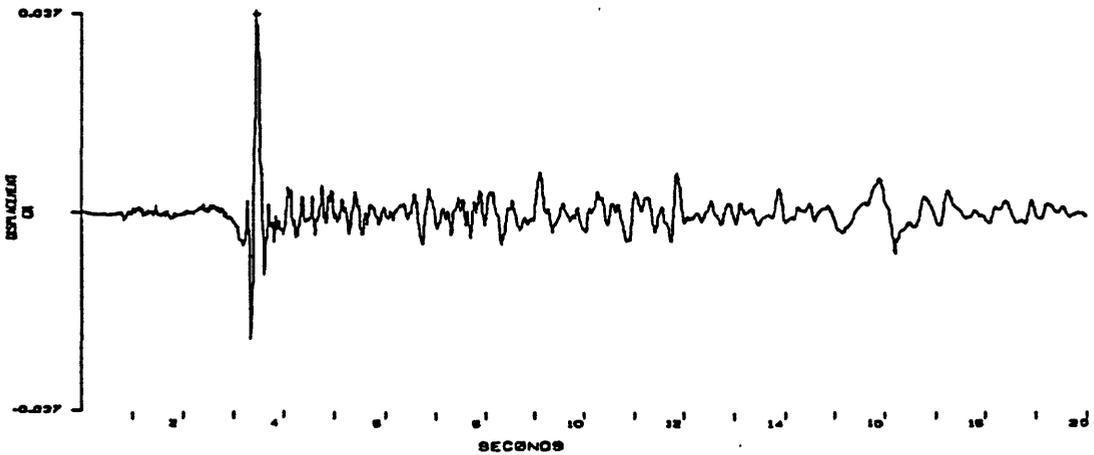
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3



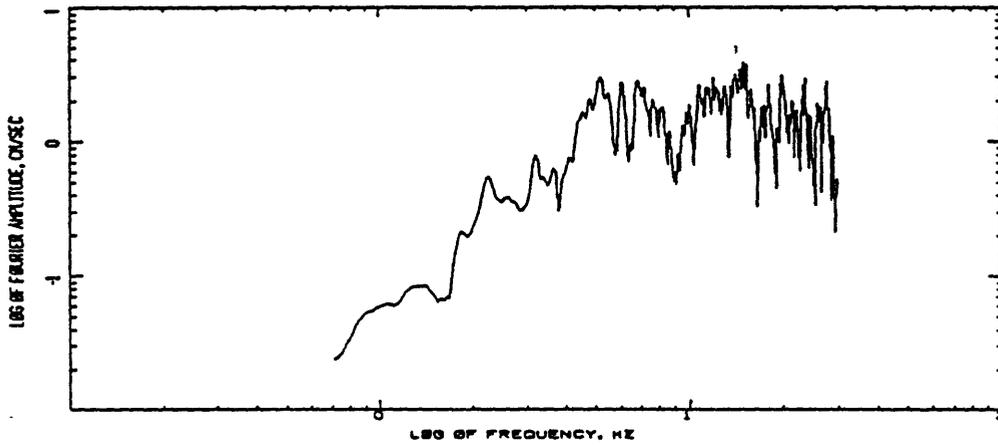
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3



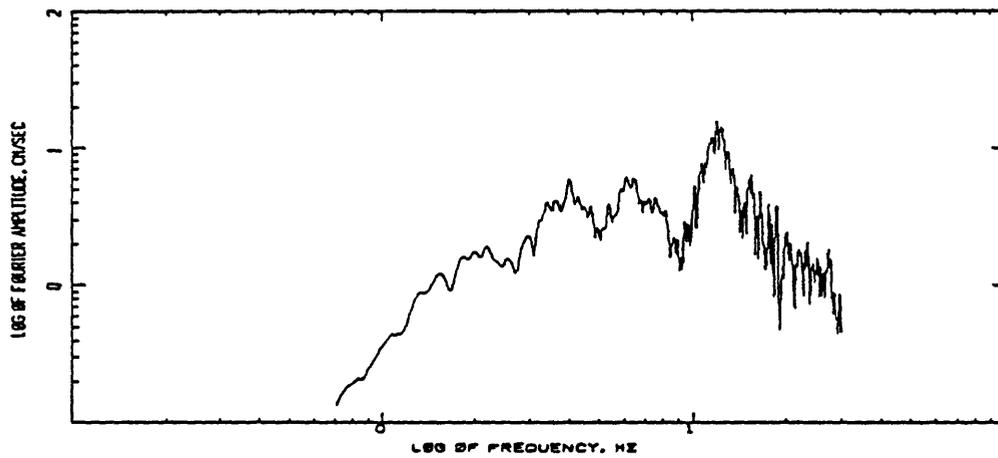
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3



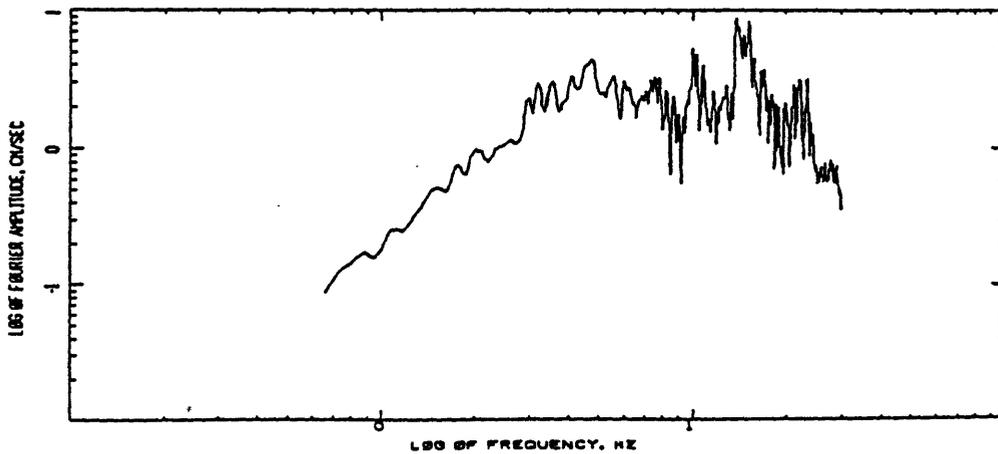
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:07:55 UTC, MC-3.3
STATION 128, PK. 488
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBISE



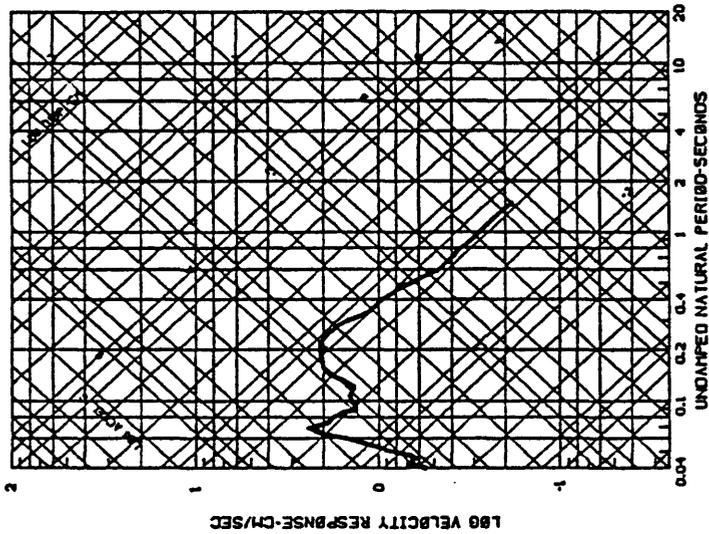
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:07:55 UTC, MC-3.3
STATION 128, PK. 488
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBISE



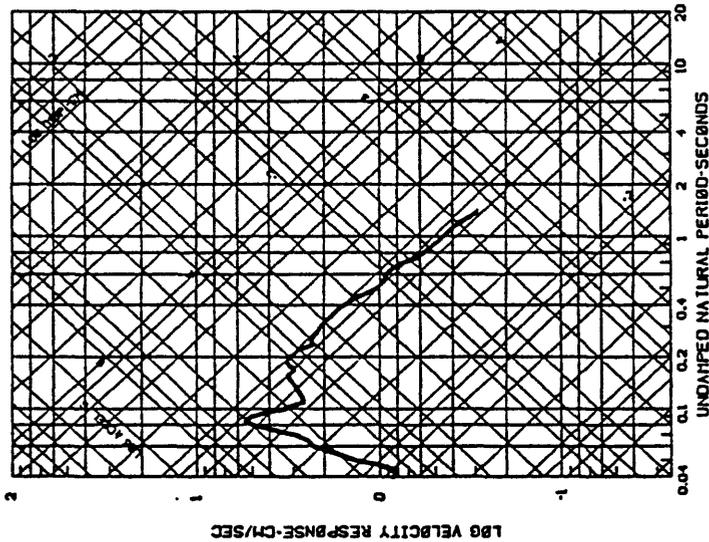
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:07:55 UTC, MC-3.3
STATION 128, PK. 488
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONBISE



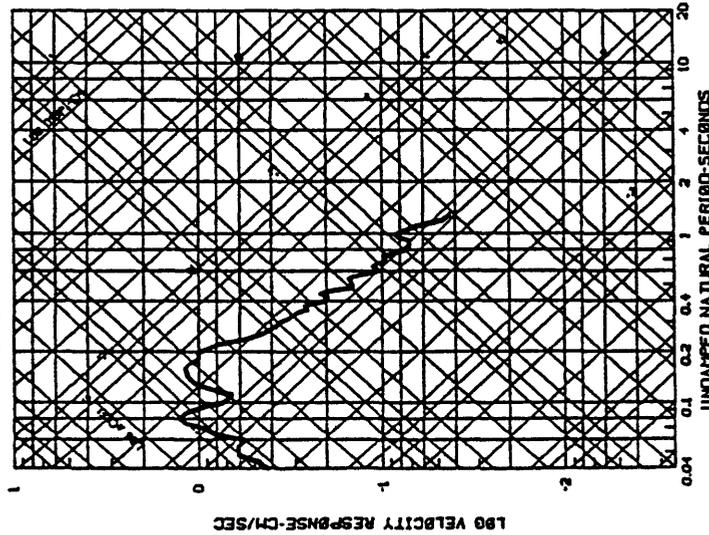
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, 370
 5 PERCENT CRITICAL DAMPING



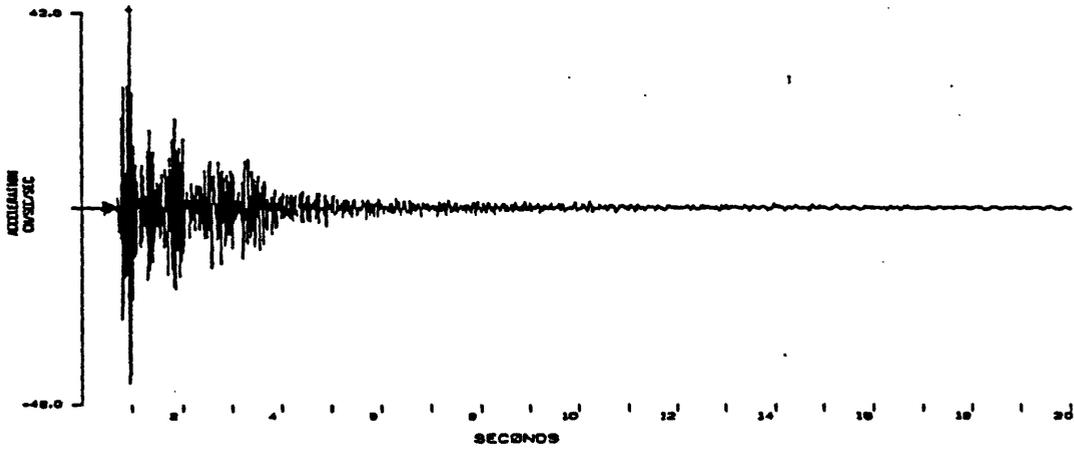
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, 000
 5 PERCENT CRITICAL DAMPING



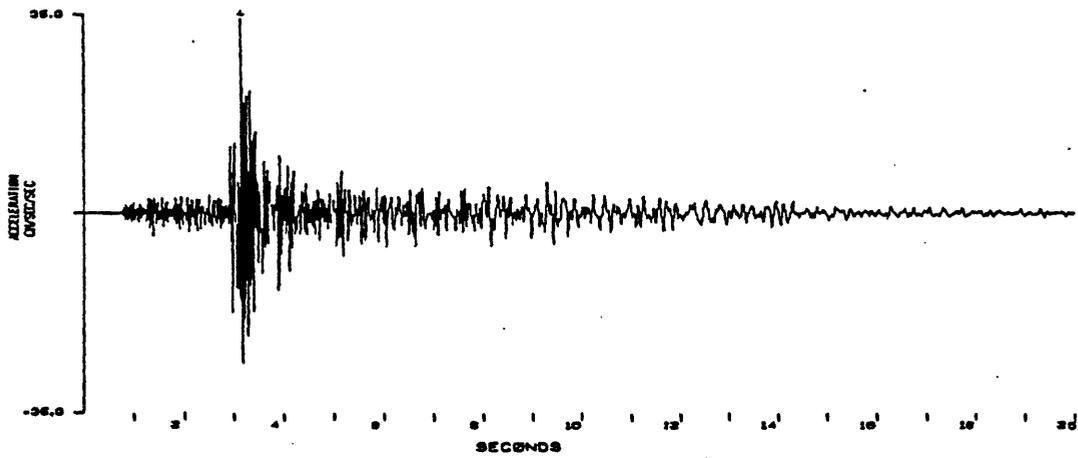
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, VERY
 5 PERCENT CRITICAL DAMPING



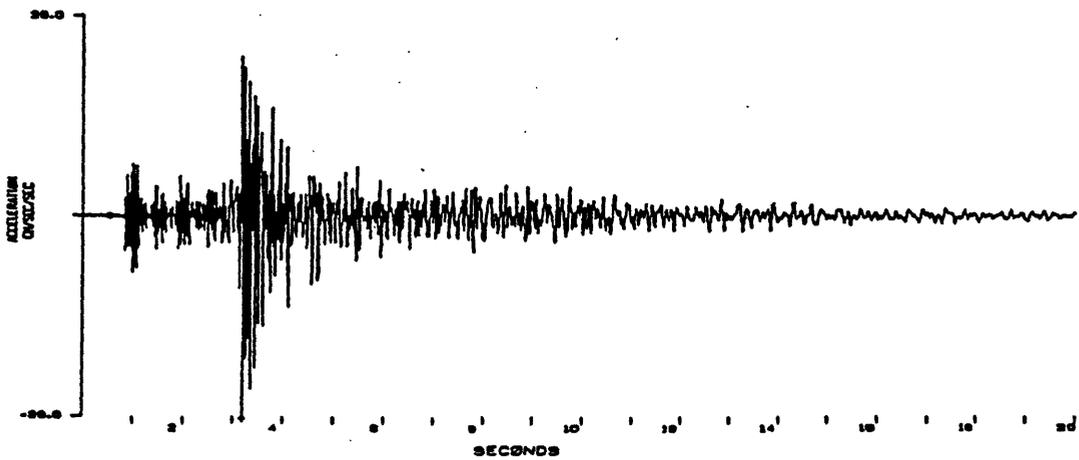
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, 6E41



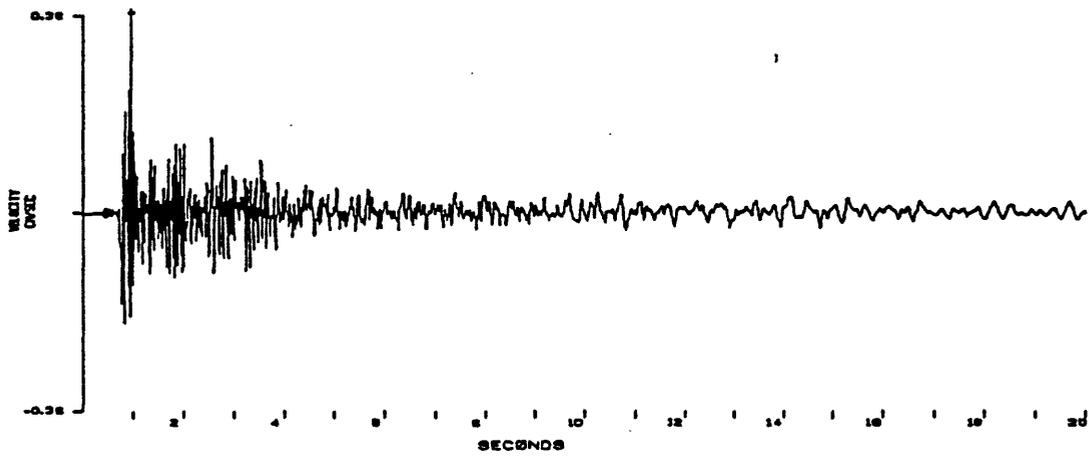
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, 6D4



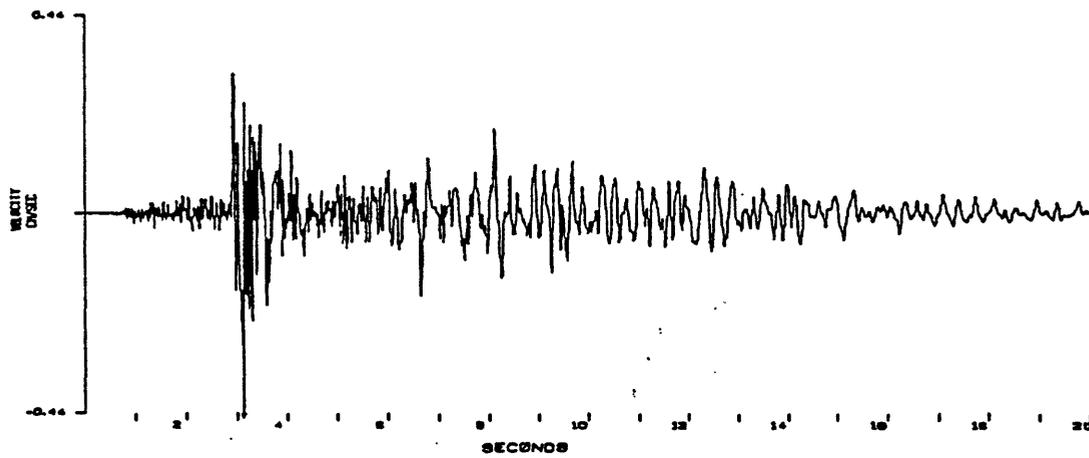
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, 270



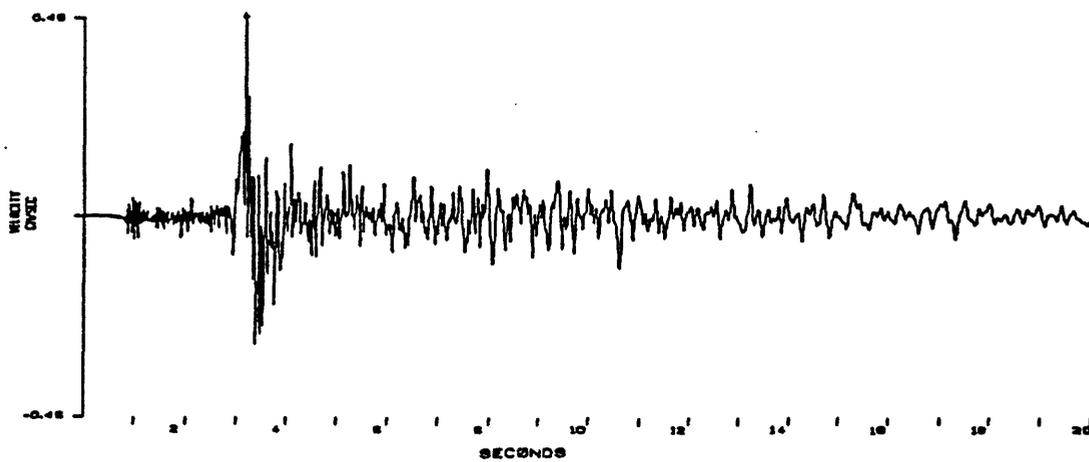
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:07:59 UTC, ML-5.3
STATION FBR, 0284



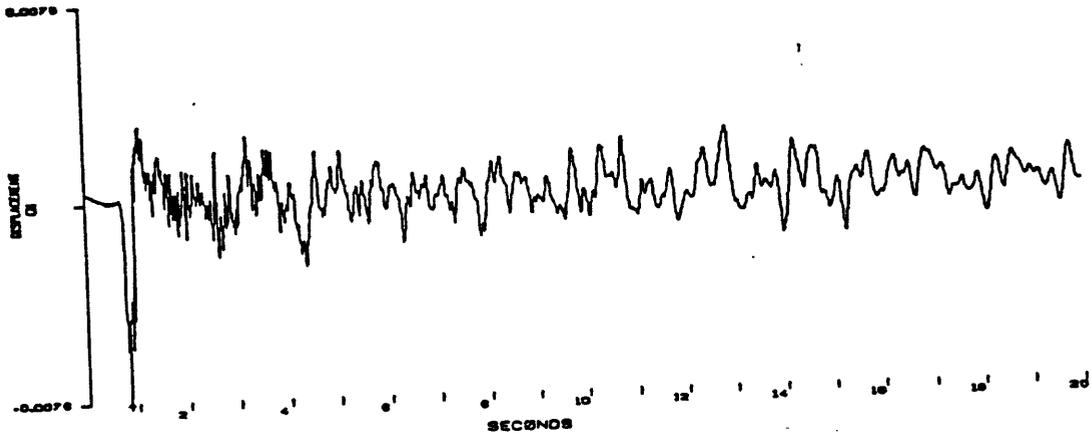
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION FBR, 000



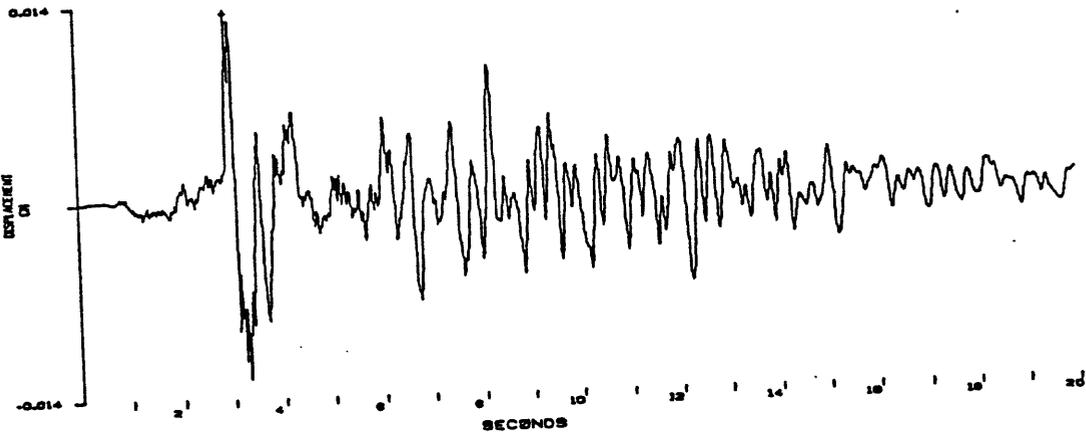
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION FBR, 278



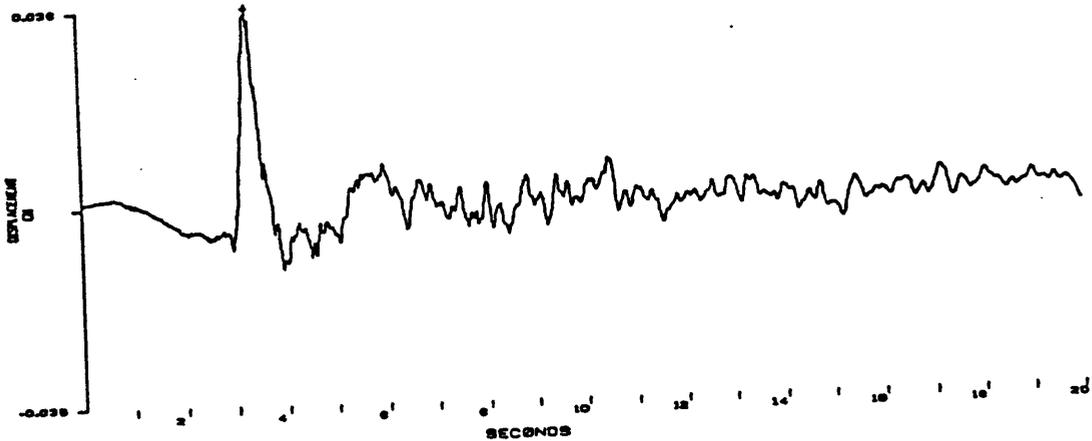
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION FBR. 267



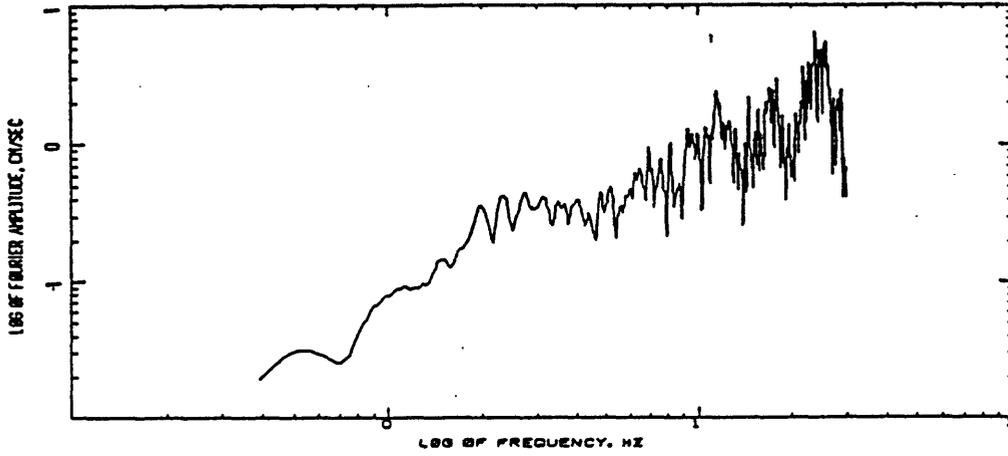
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION FBR. 000



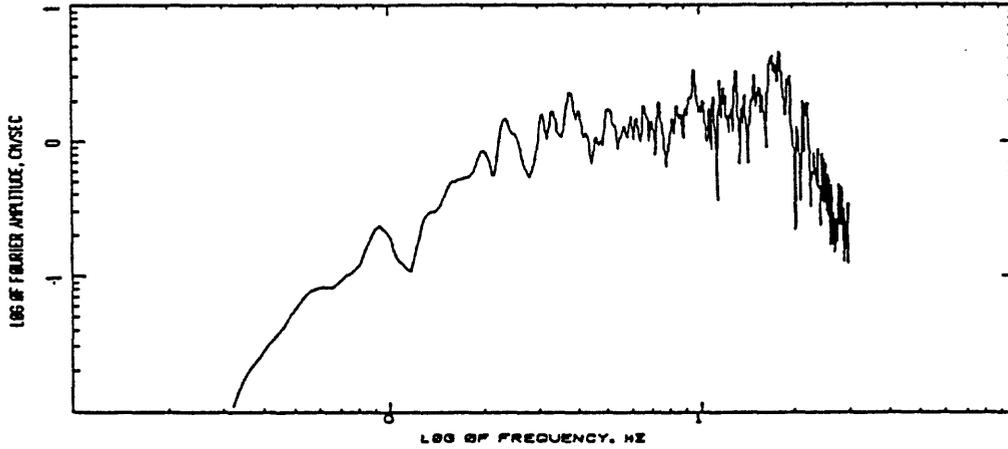
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION FBR. 270



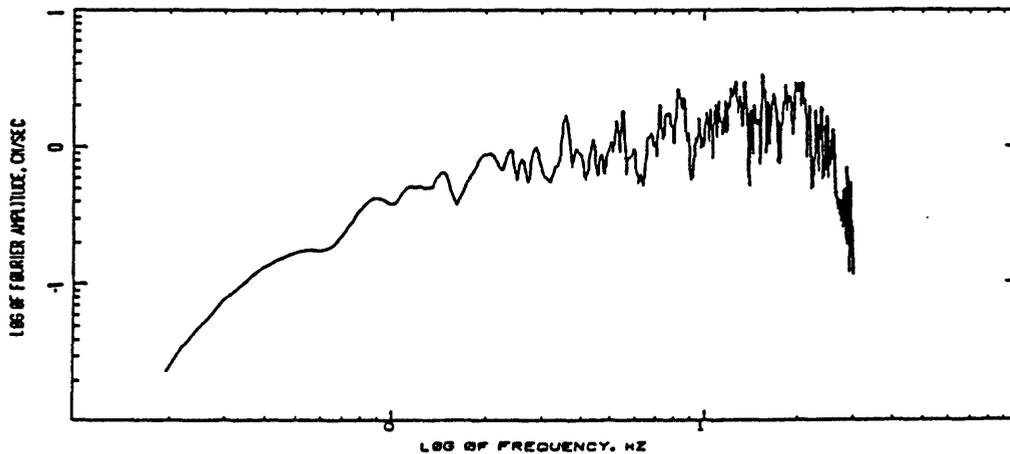
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/21/76, 18:07:55 UTC, ML=5.3
STATION: 183, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONNOISE



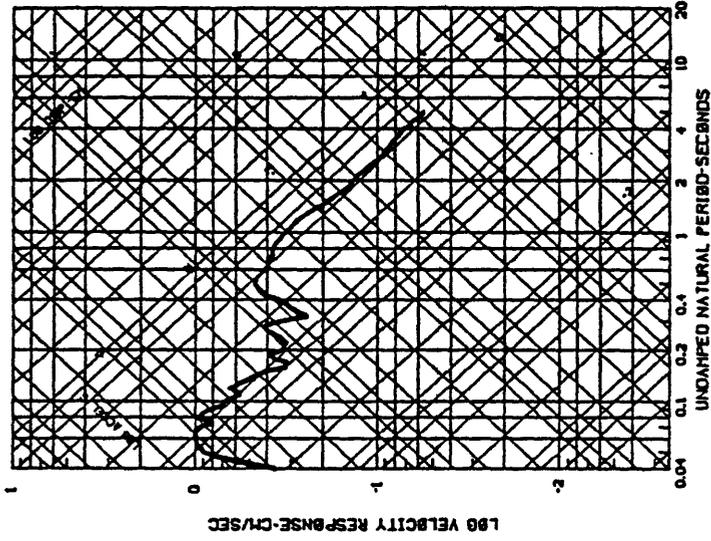
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/21/76, 18:07:55 UTC, ML=5.3
STATION: 183, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONNOISE



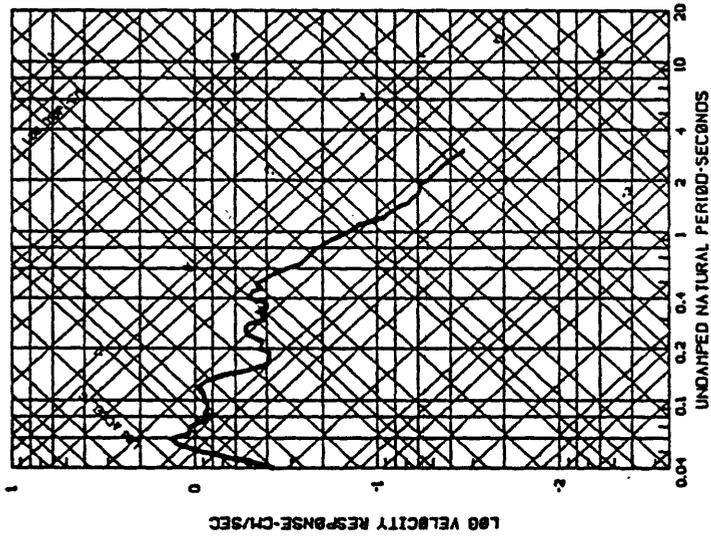
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/21/76, 18:07:55 UTC, ML=5.3
STATION: 183, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONNOISE



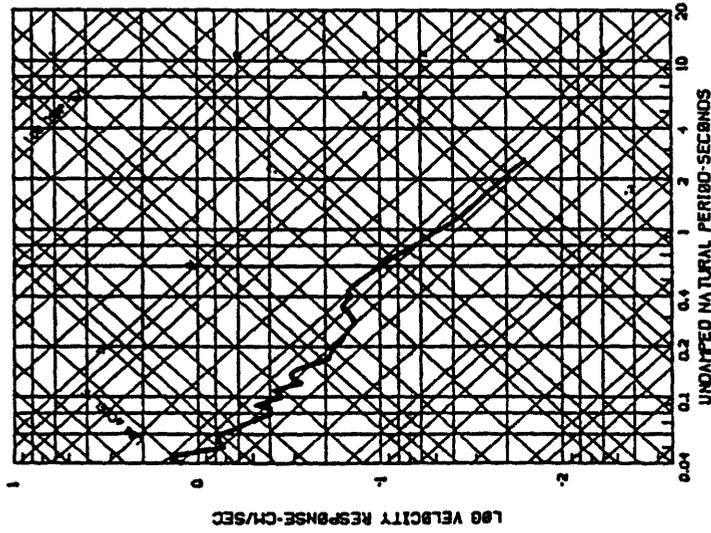
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INHURANCE DISTRICT, 10/21/79, 18:17:59 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



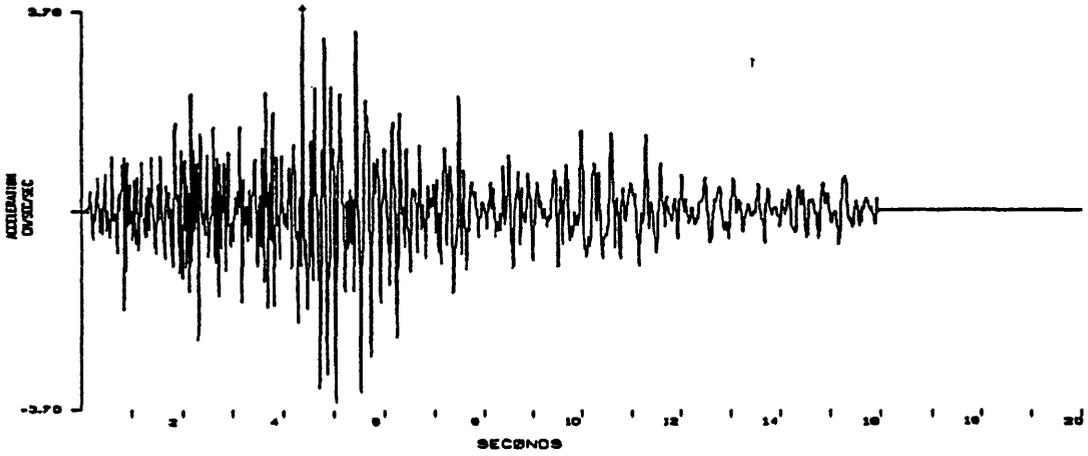
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INHURANCE DISTRICT, 10/21/79, 18:17:59 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



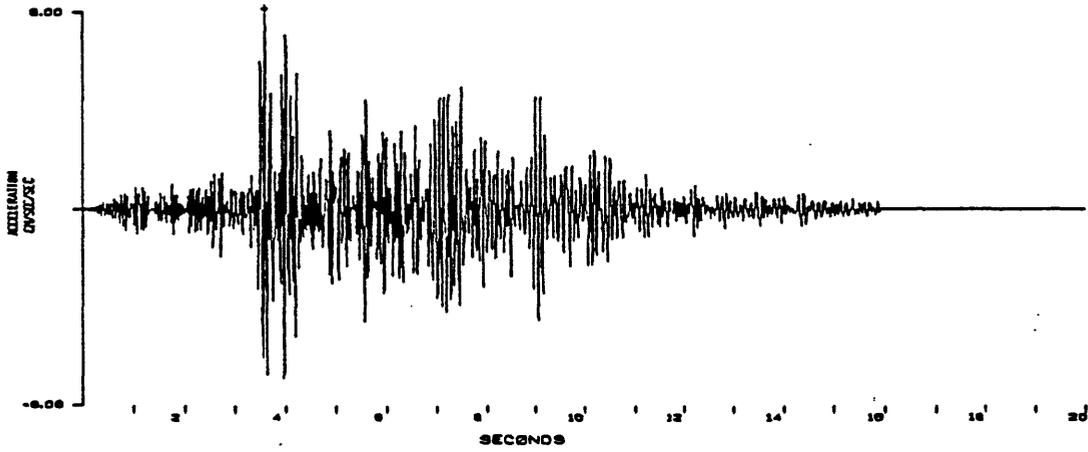
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INHURANCE DISTRICT, 10/21/79, 18:17:59 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



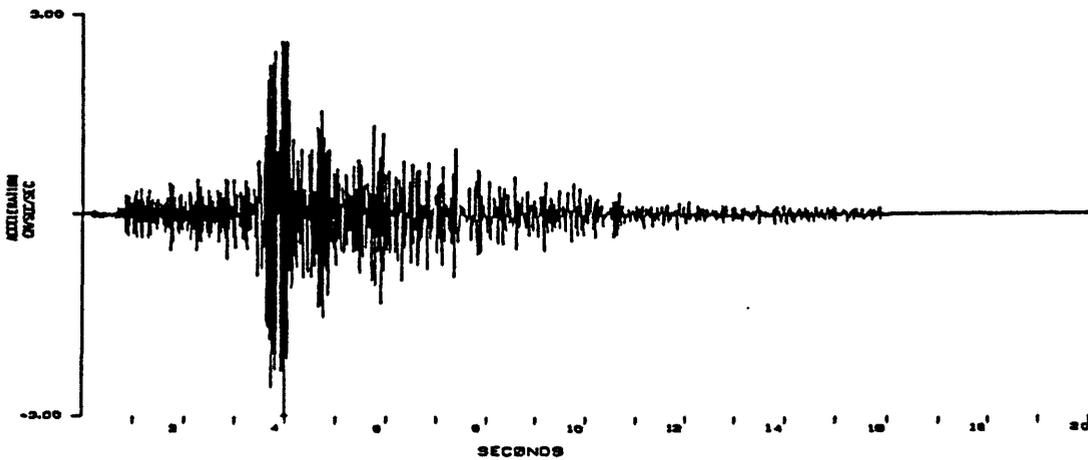
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. 067



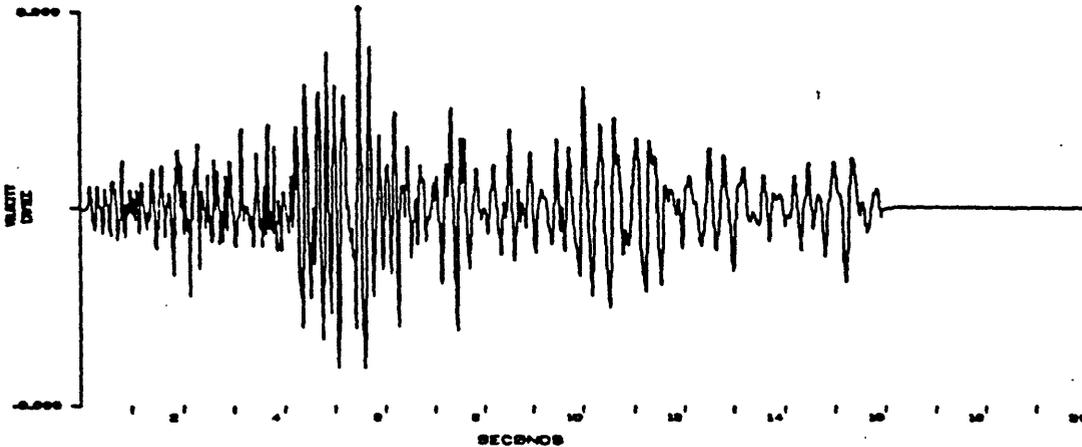
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. 068



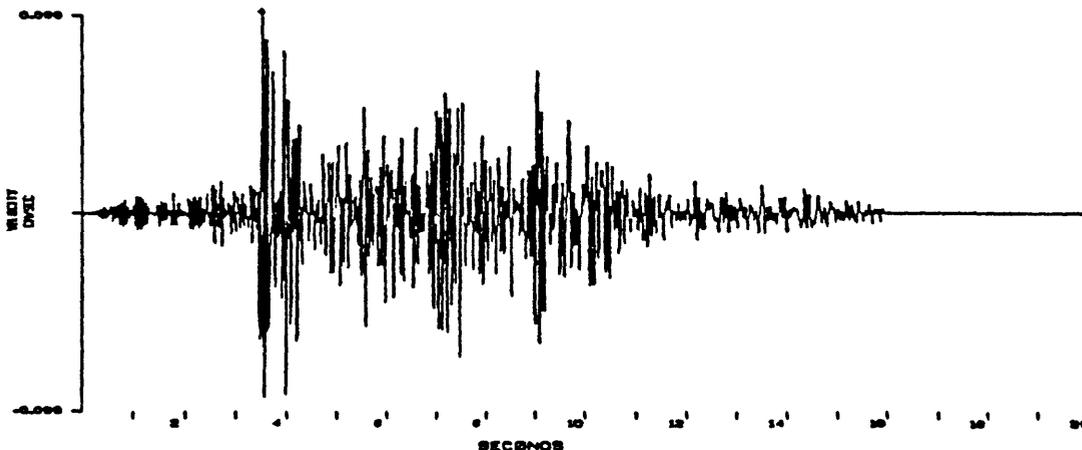
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. 270



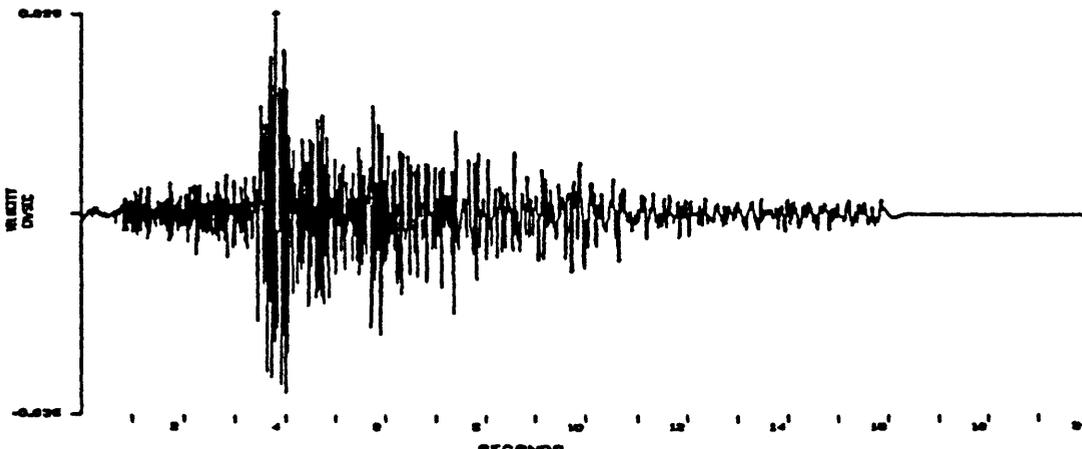
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:00 UTC, ML-3.3



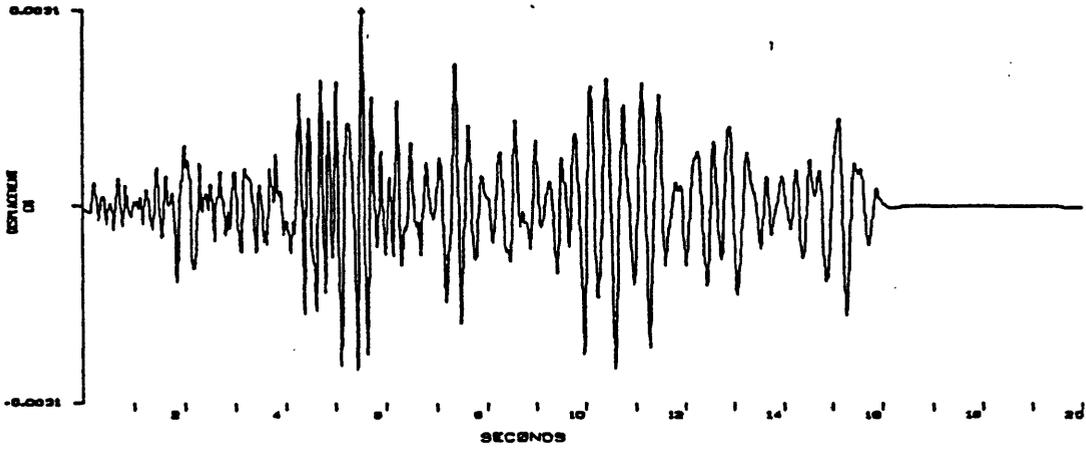
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:00 UTC, ML-3.3



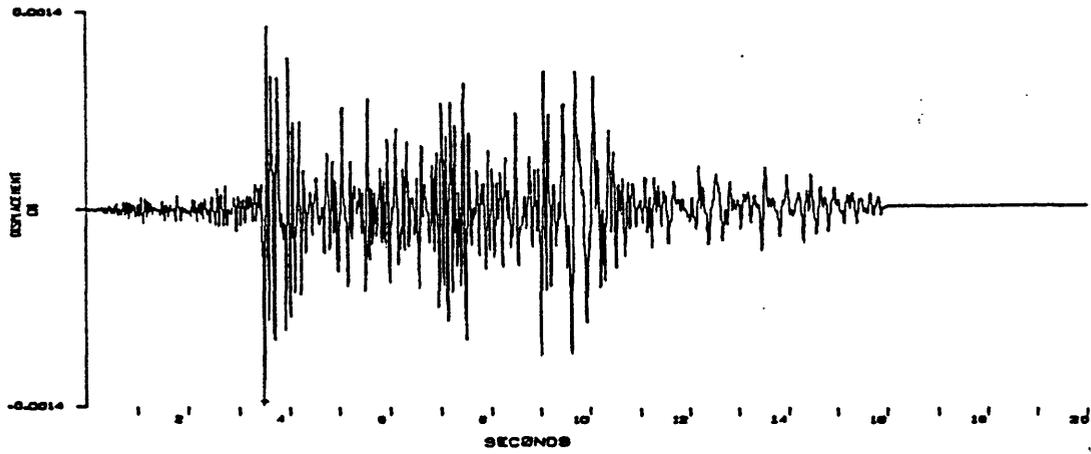
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:00 UTC, ML-3.3



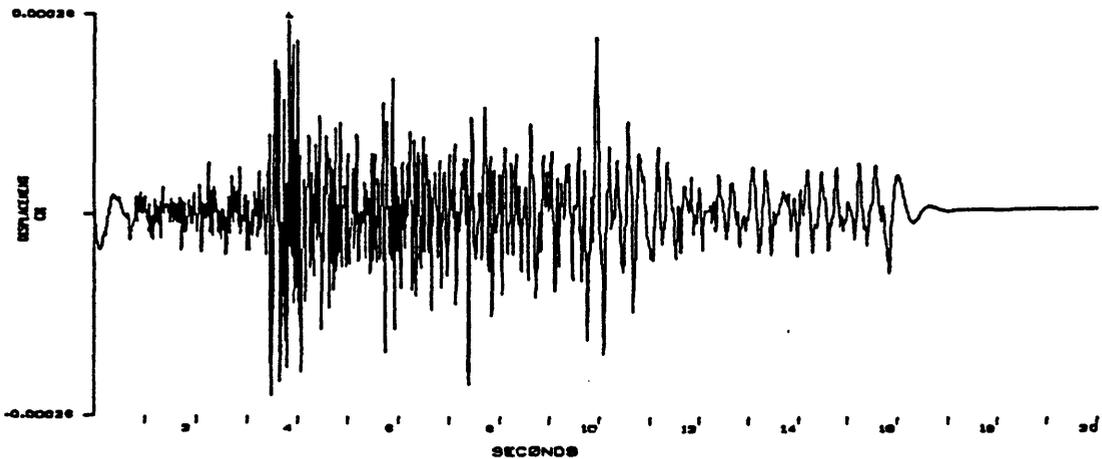
IMPERIAL VALLEY EARTHQUAKE 10/21/79 18:17:59 UTC. ML-3.3
STATION GRG. 246. 0281



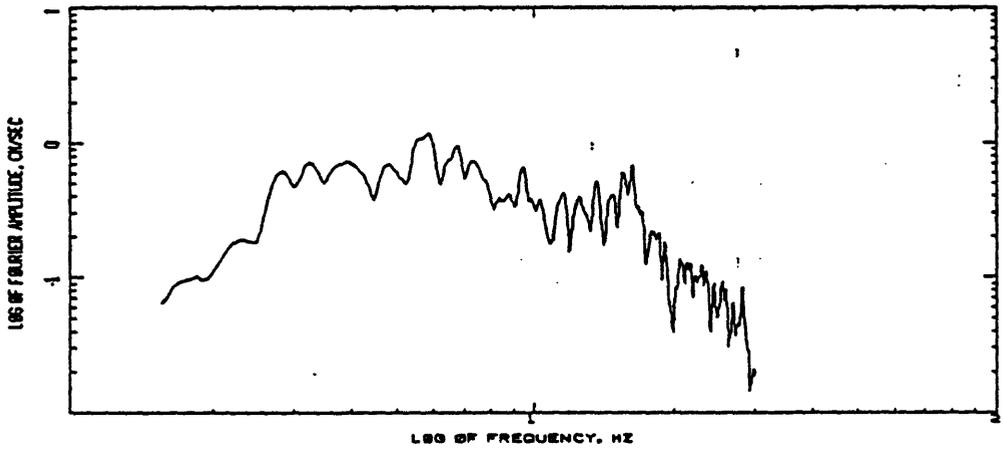
IMPERIAL VALLEY EARTHQUAKE 10/21/79 18:17:59 UTC. ML-3.3
STATION GRG. 088



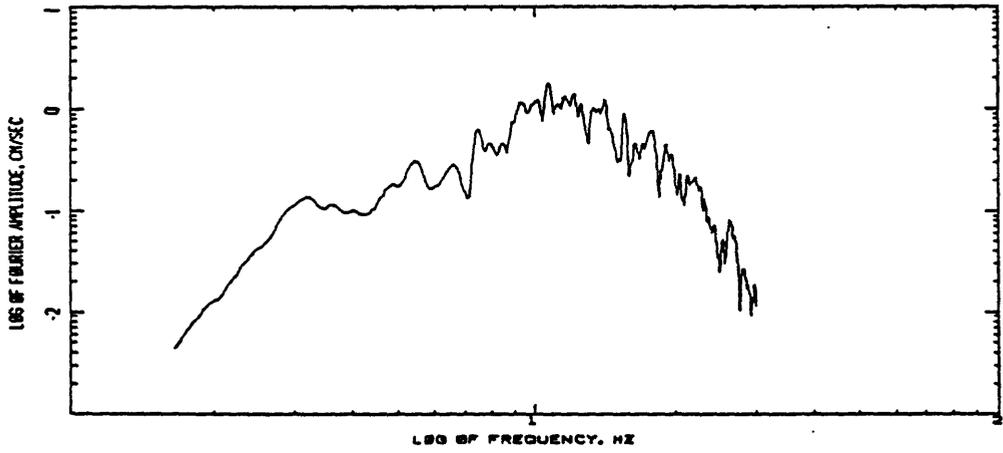
IMPERIAL VALLEY EARTHQUAKE 10/21/79 18:17:59 UTC. ML-3.3
STATION GRG. 278



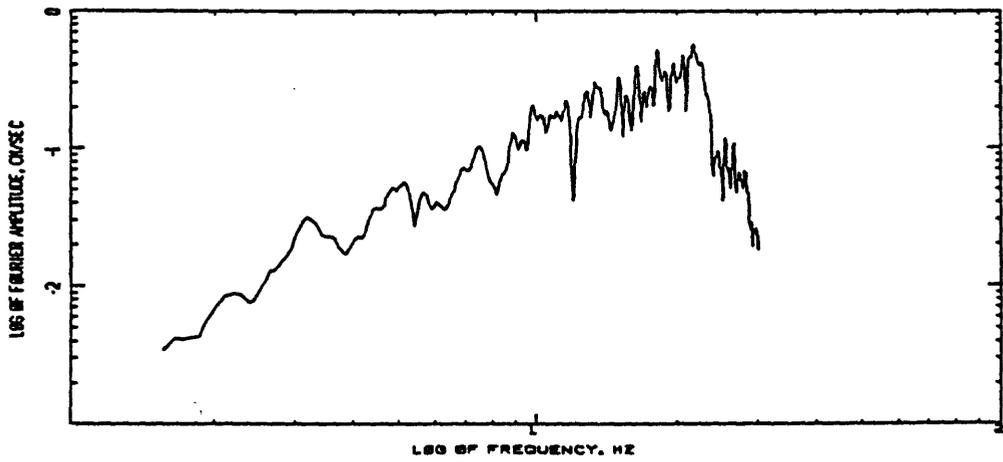
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/76, 08:17:55 UTC, ML=3.3
STATION 085, USE 1
COMPUTING OPTIONS- ZCRSS,SMOOTH(K10),NONSIE



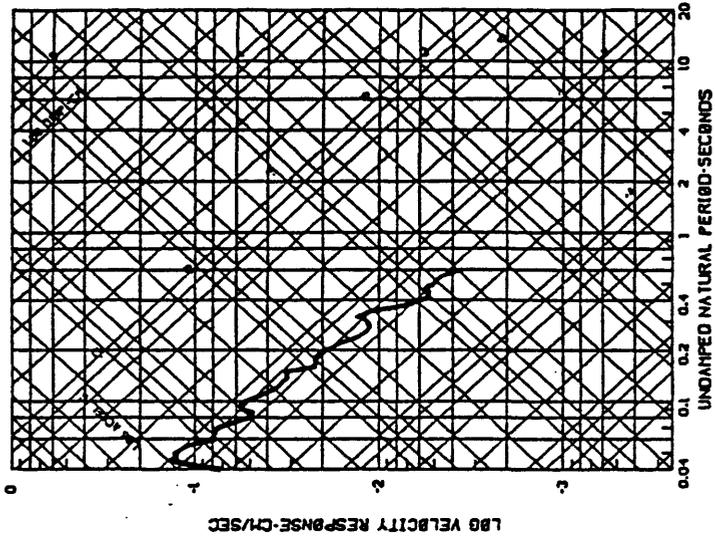
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/76, 08:17:55 UTC, ML=3.3
STATION 086, USE 1
COMPUTING OPTIONS- ZCRSS,SMOOTH(K10),NONSIE



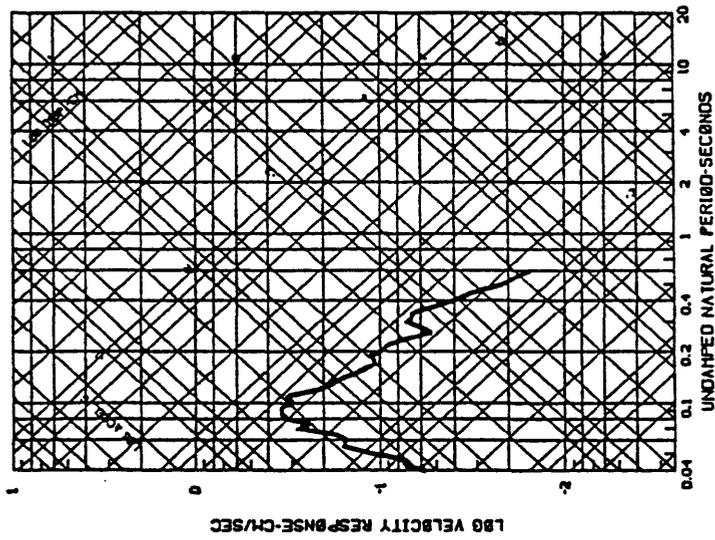
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/76, 08:17:55 UTC, ML=3.3
STATION 089, USE 1
COMPUTING OPTIONS- ZCRSS,SMOOTH(K10),NONSIE



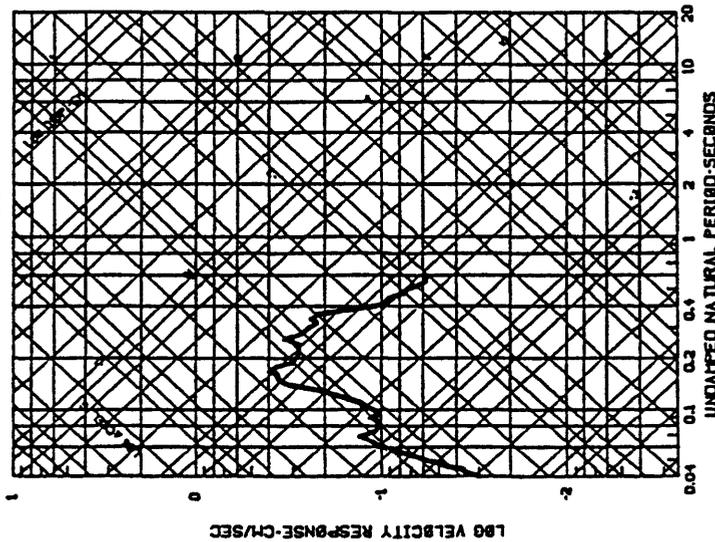
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, OCT 21, 1940, 08:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



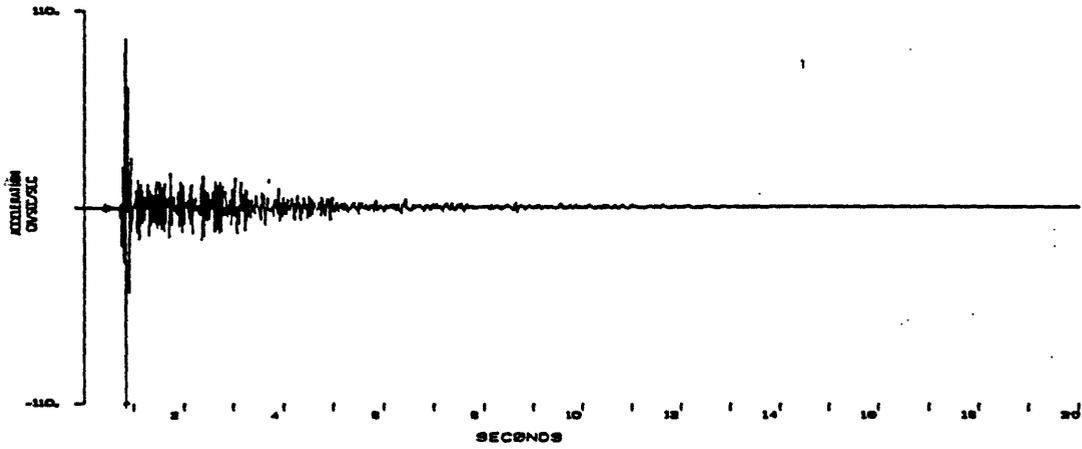
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, OCT 21, 1940, 08:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



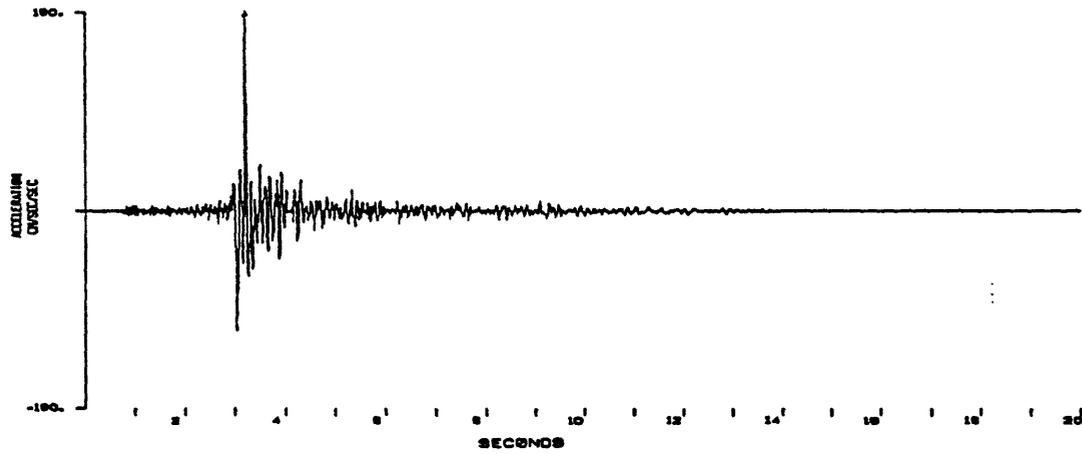
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, OCT 21, 1940, 08:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



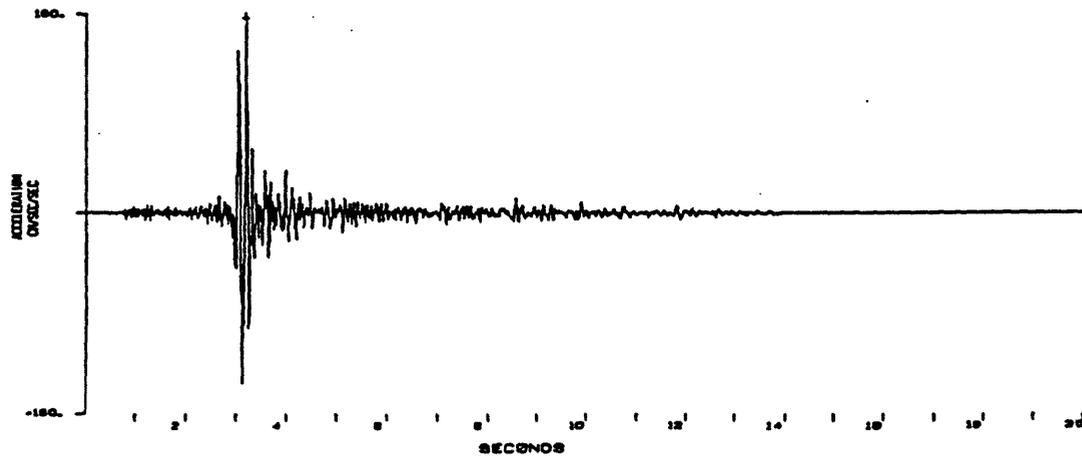
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HRS, 02R1



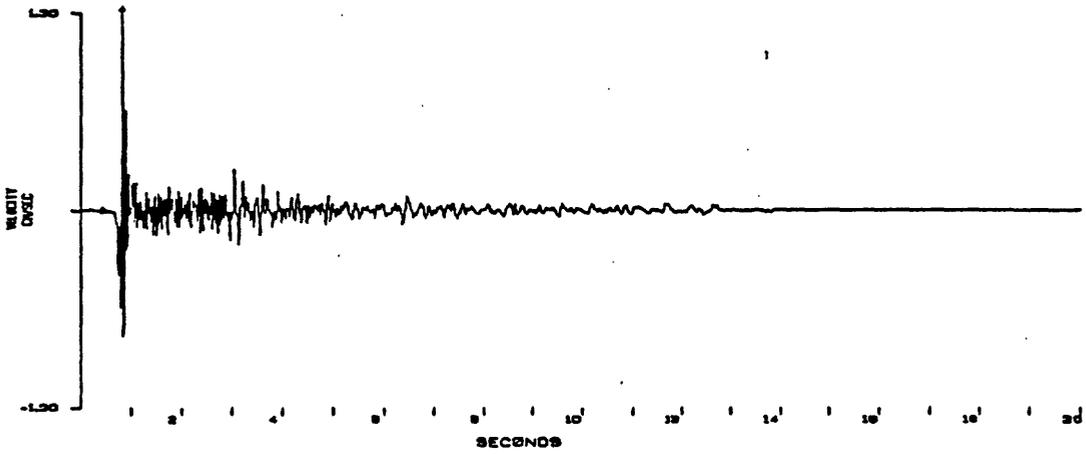
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HRS, 02R2



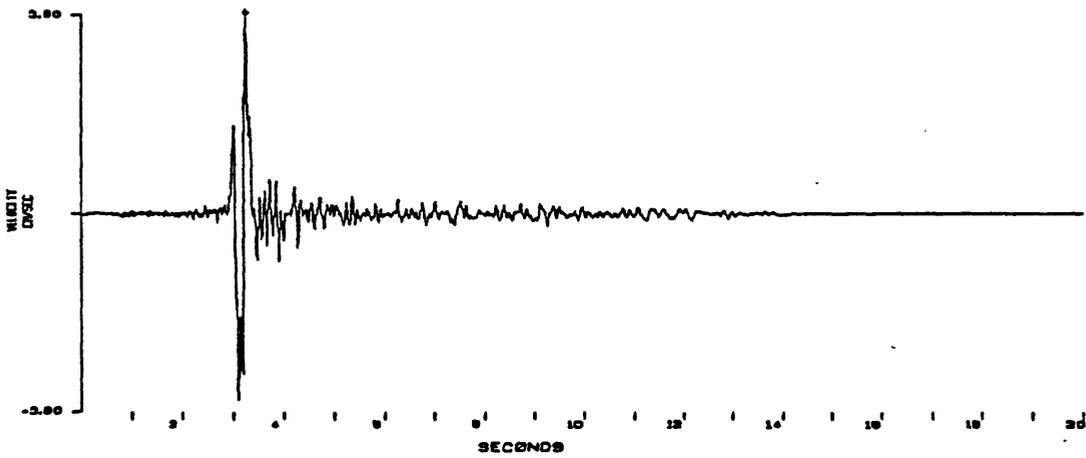
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HRS, 02R3



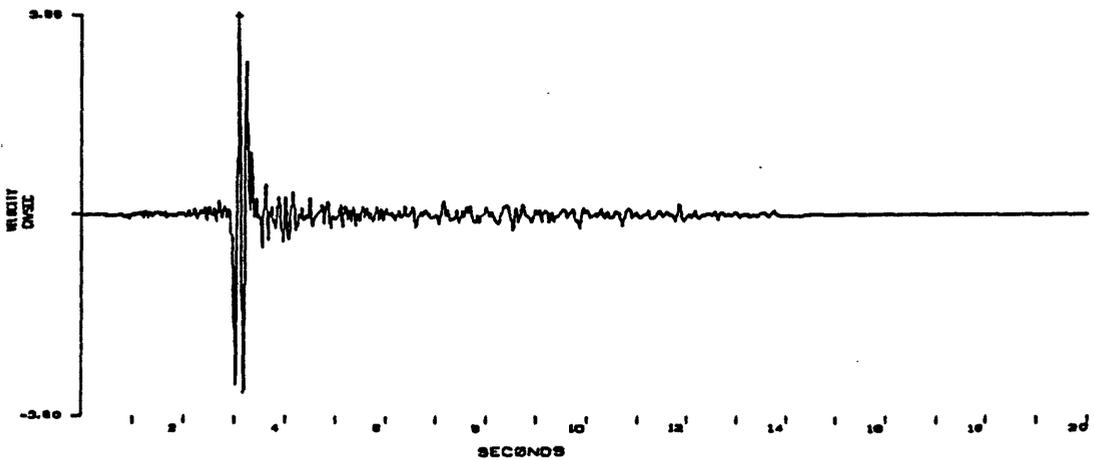
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:00 UTC, ML-3.3
STATION HRS, 001



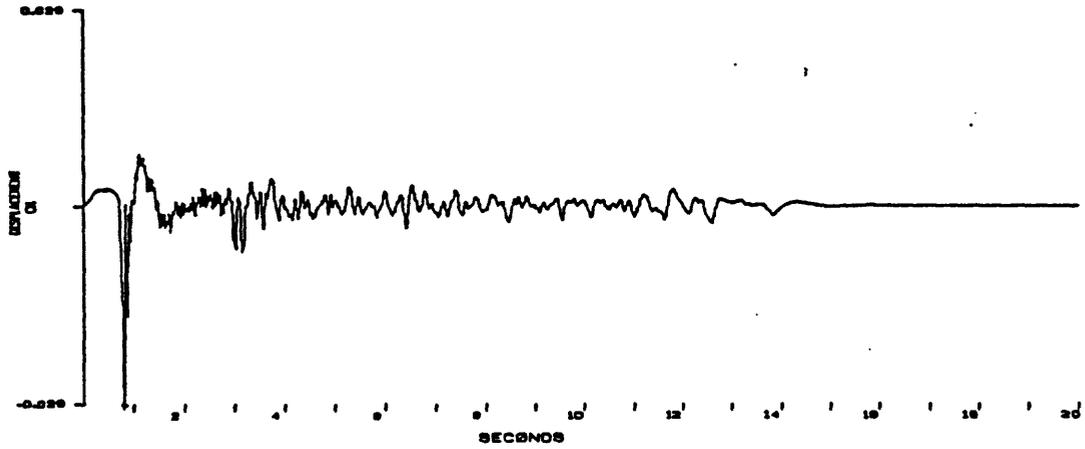
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:00 UTC, ML-3.3
STATION HRS, 002



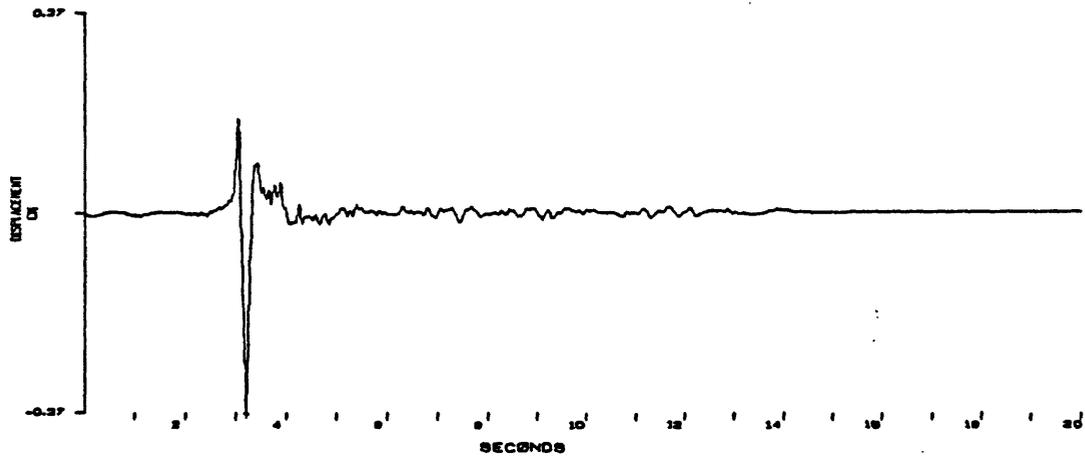
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:00 UTC, ML-3.3
STATION HRS, 003



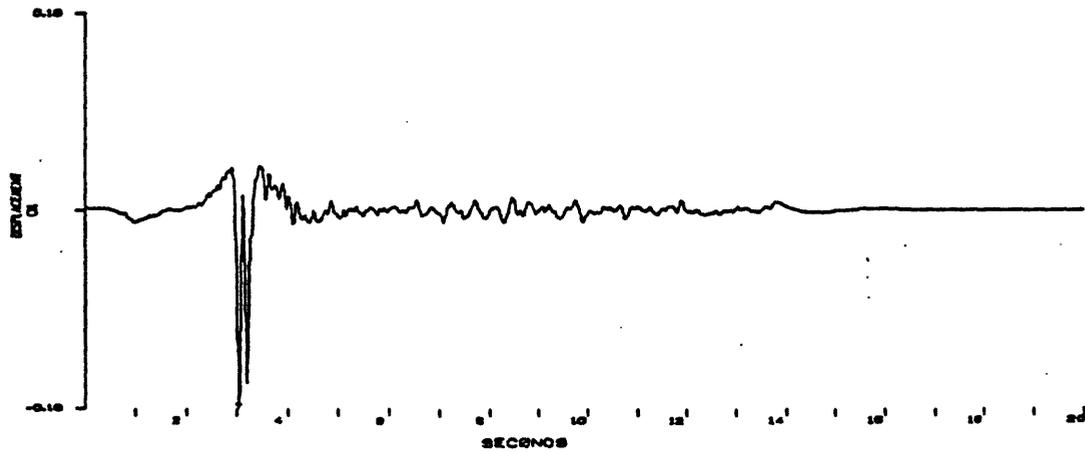
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, VERT



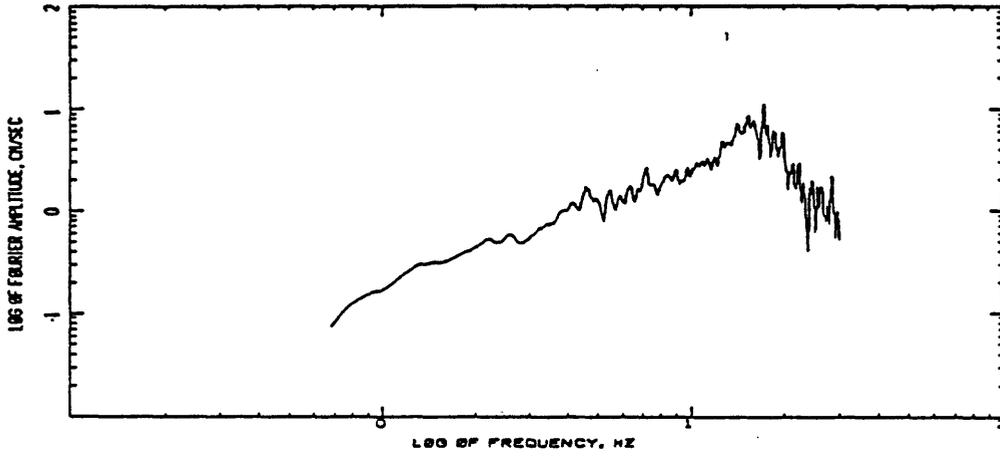
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, SW



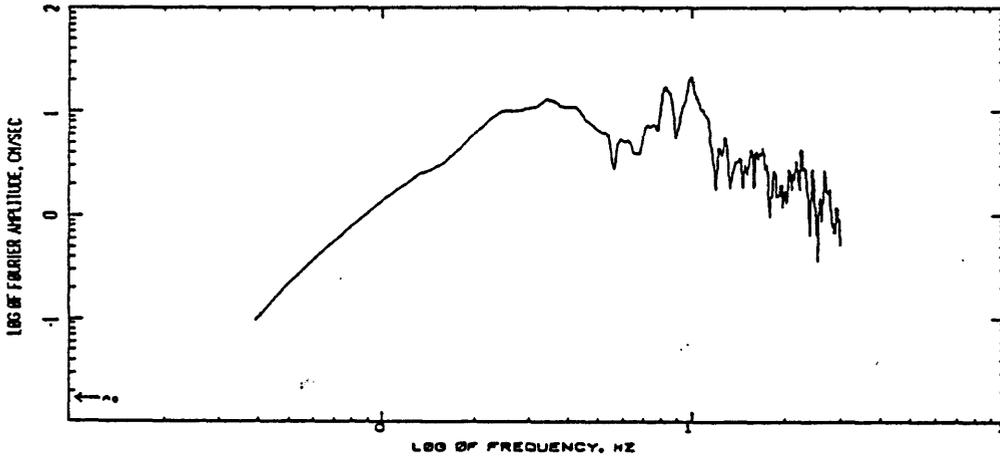
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, DD



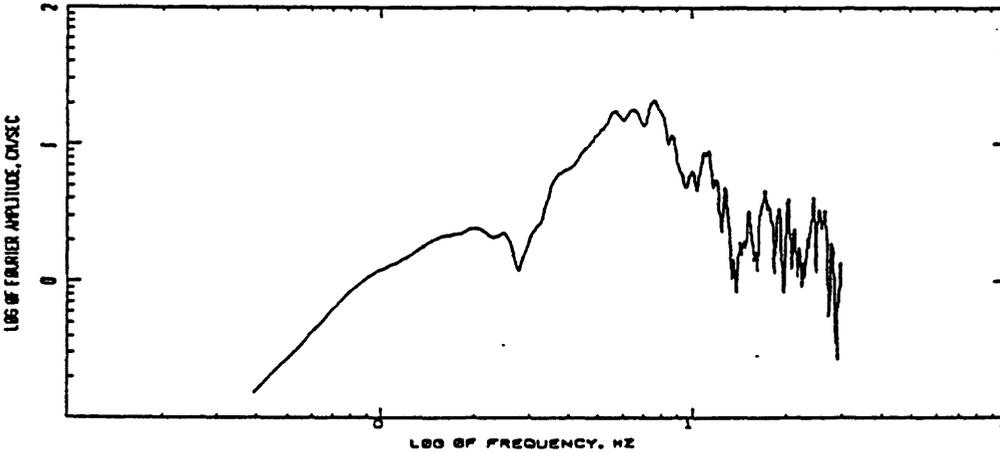
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/21/75, 18:17:55 UTC, ML=3.3
STATION HAS 0.5%
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONNOISE



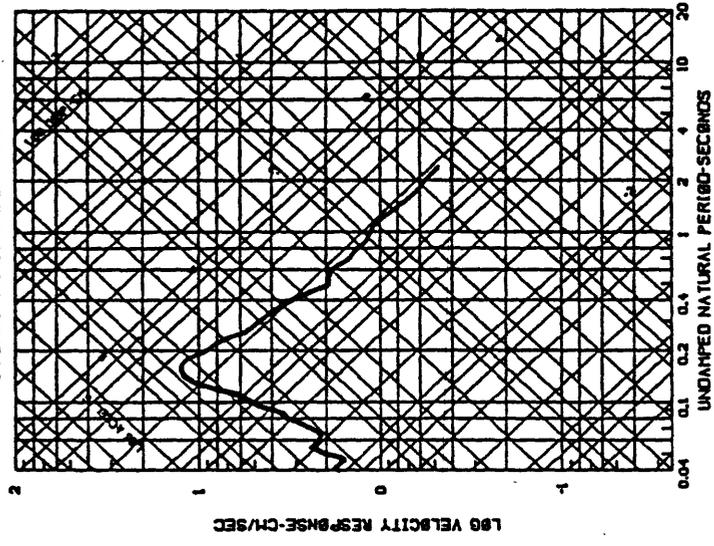
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/21/75, 18:17:55 UTC, ML=3.3
STATION HAS 0.5%
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONNOISE



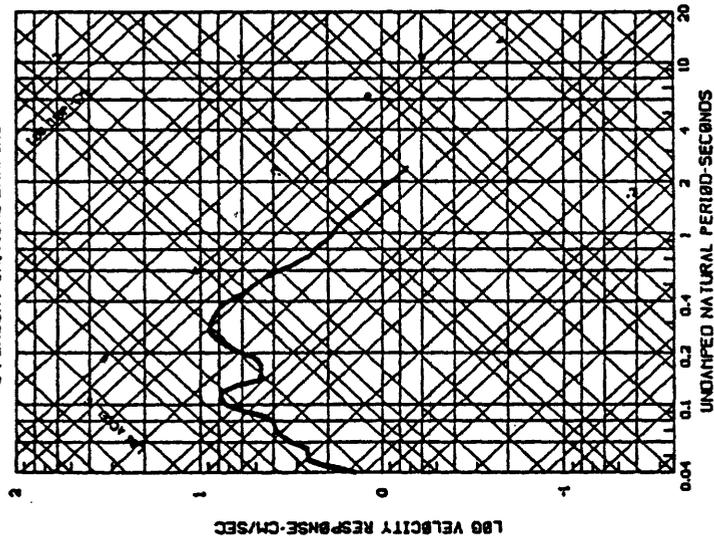
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/21/75, 18:17:55 UTC, ML=3.3
STATION HAS 0.5%
COMPUTING OPTIONS - ZCROSS, SMOOTH(10), NONNOISE



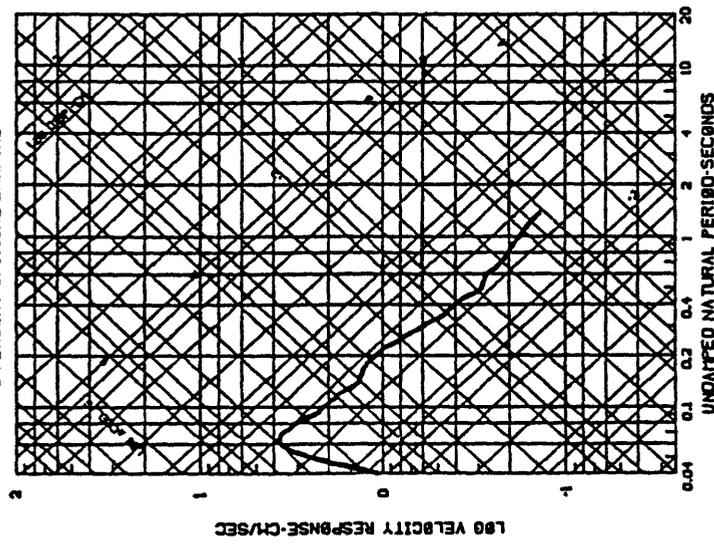
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
 STATION PPS 000
 5 PERCENT CRITICAL DAMPING



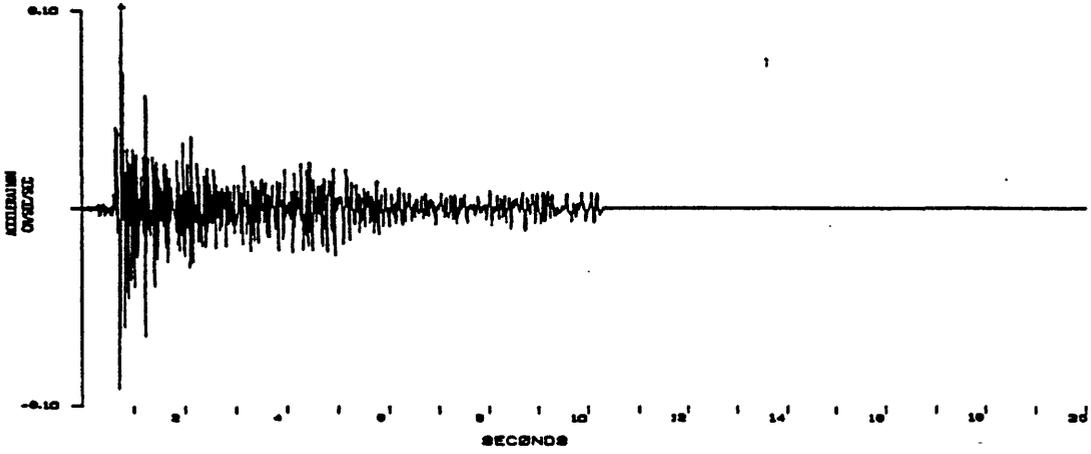
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
 STATION PPS 270
 5 PERCENT CRITICAL DAMPING



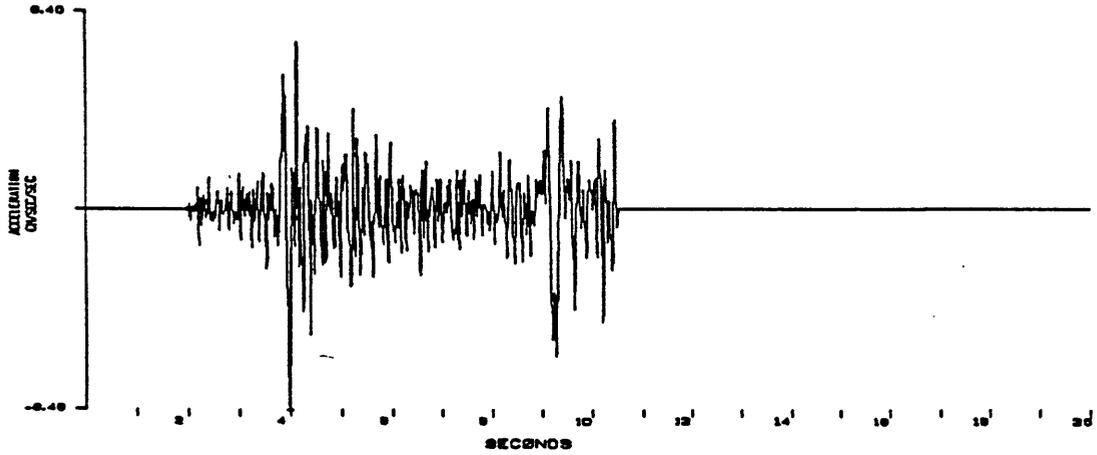
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
 STATION PPS 481
 5 PERCENT CRITICAL DAMPING



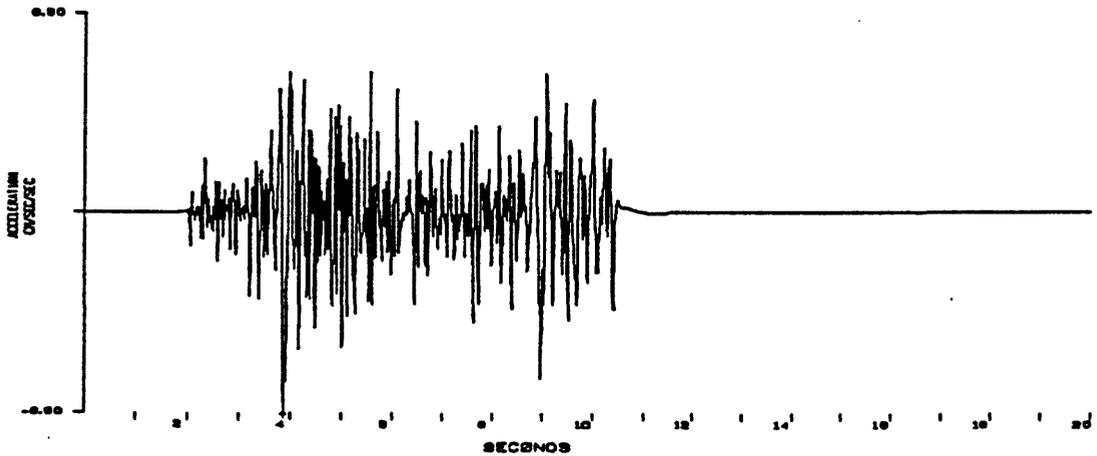
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 346, VER



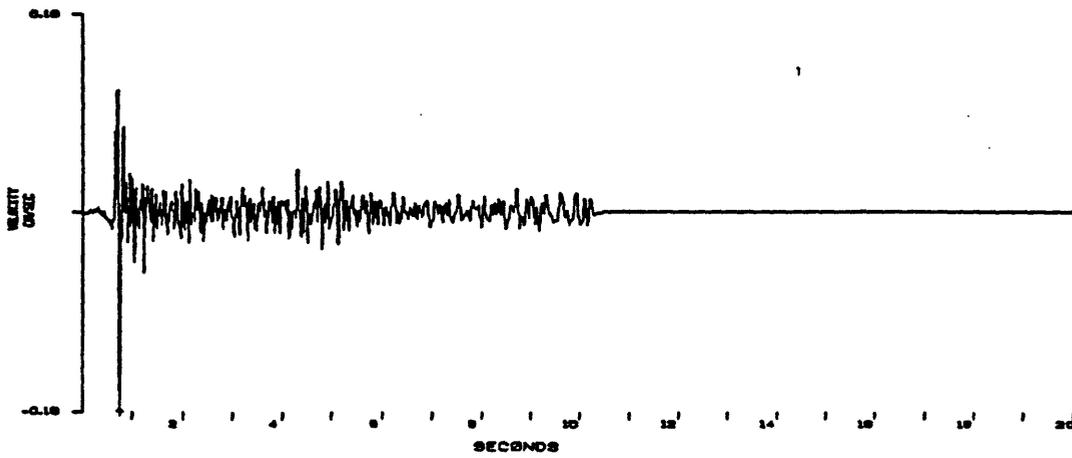
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 346, 270



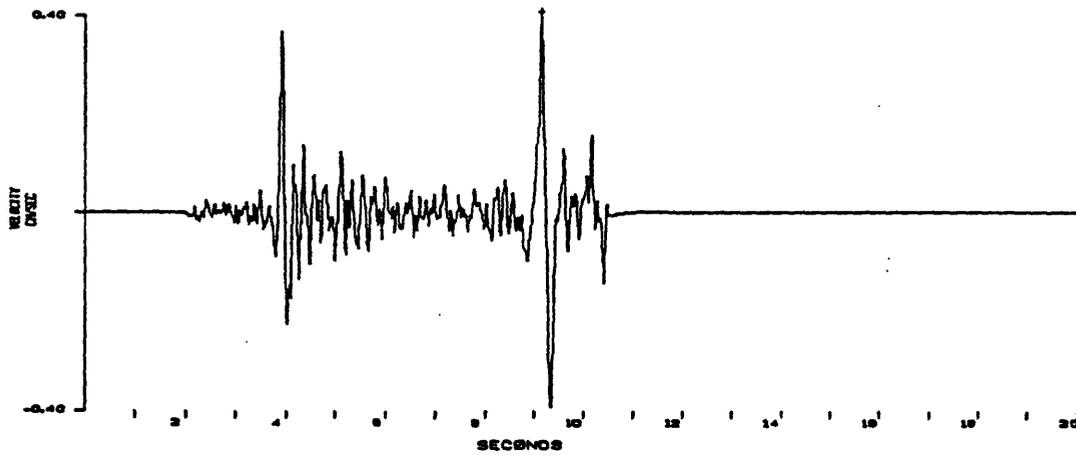
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 346, 000



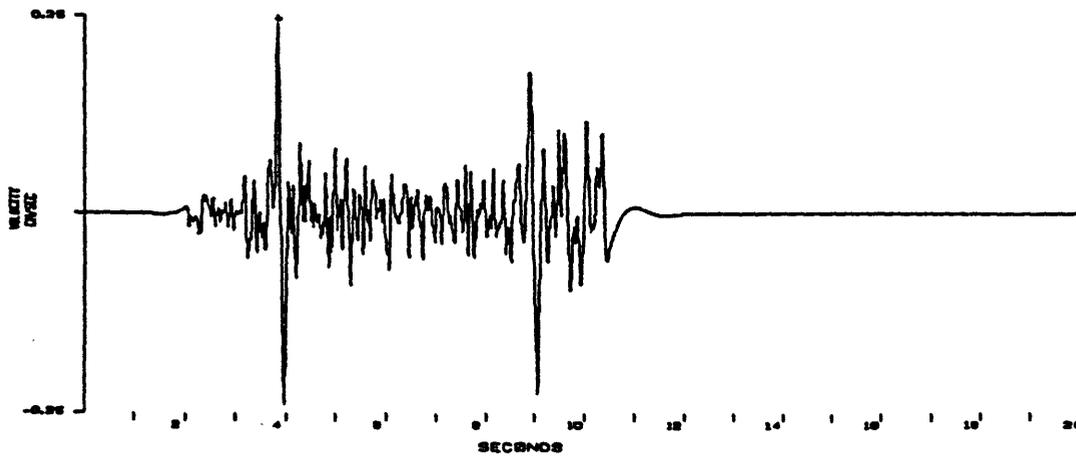
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION J46, 270



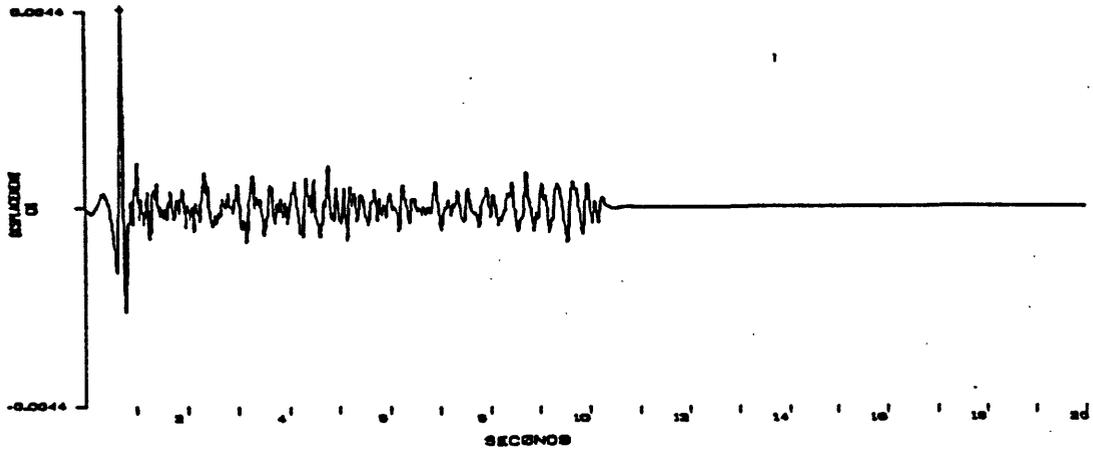
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION J46, 270



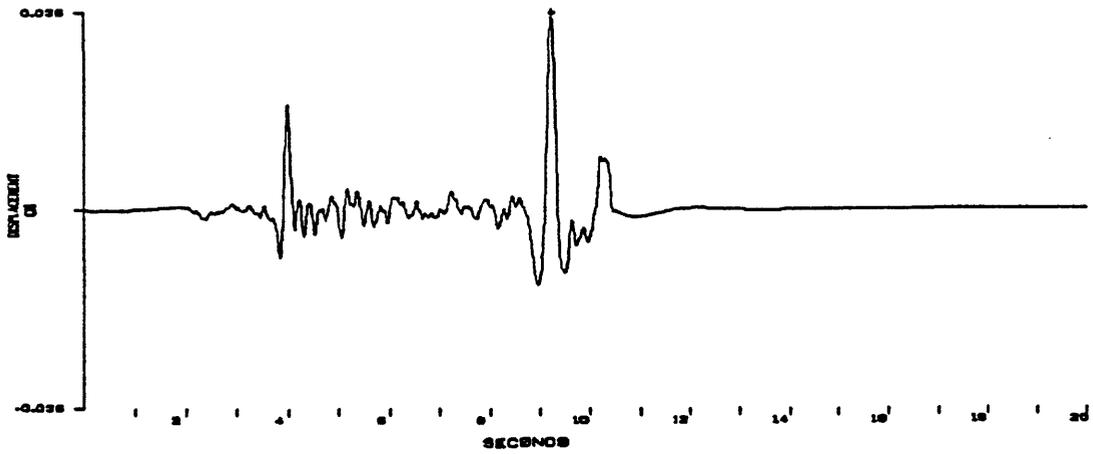
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION J46, 000



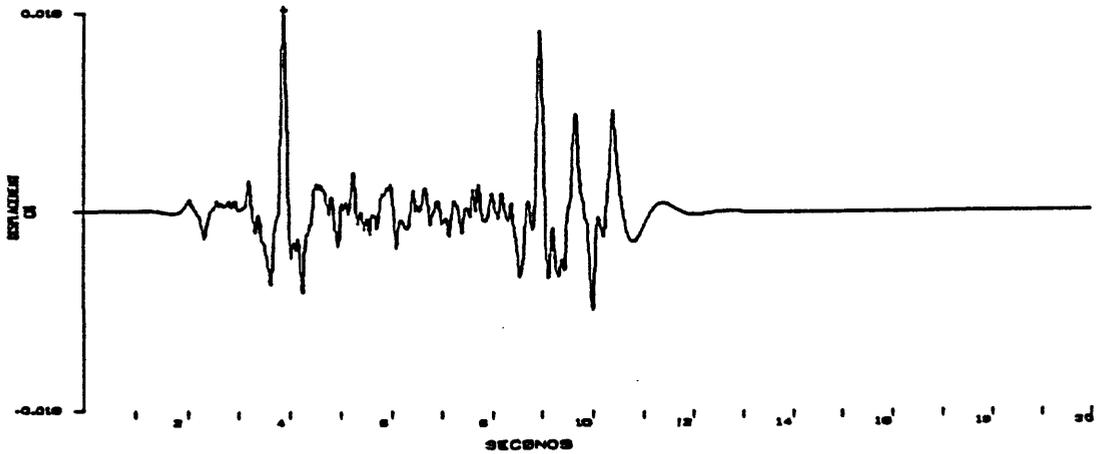
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:47:59 UTC, ML-3.3
STATION 346, VERT



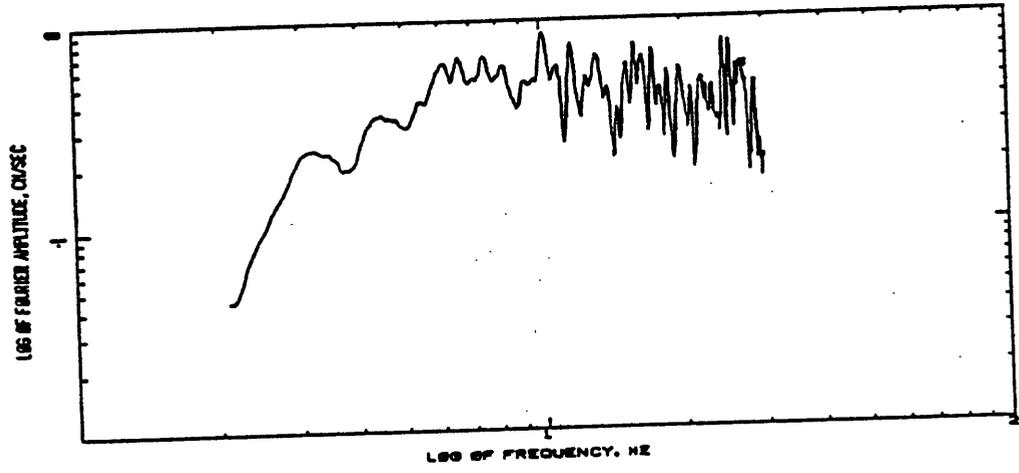
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:59 UTC, ML-3.3
STATION 346, VERT



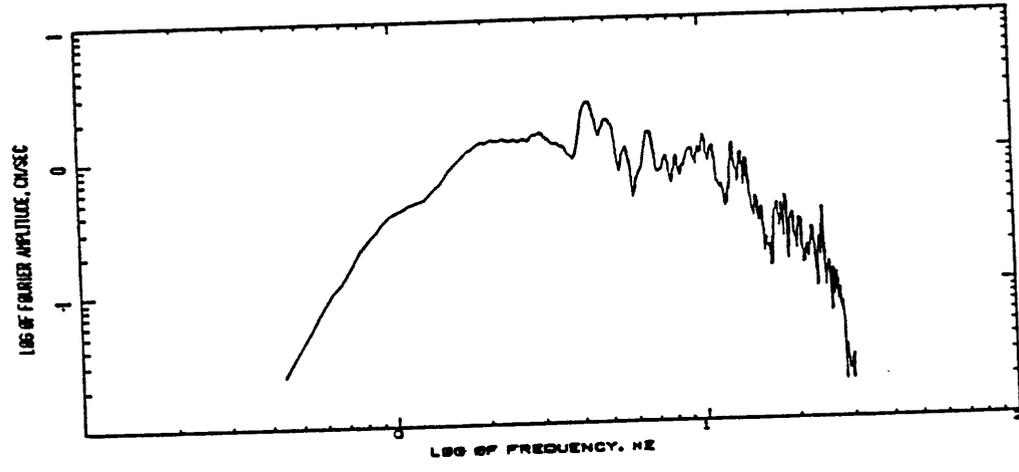
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:59 UTC, ML-3.3
STATION 346, VERT



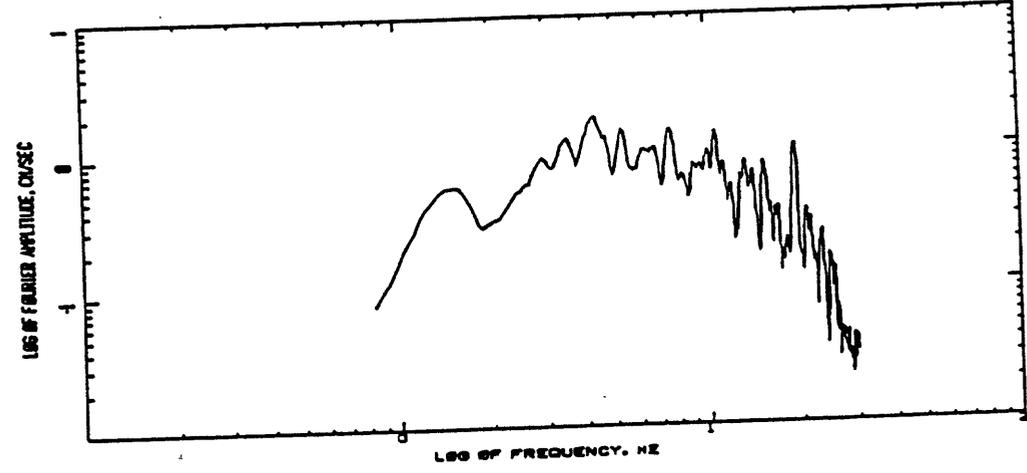
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/21/76, 18:17:55 UTC, M=3.3
COMPUTING OPTIONS- ZCRSS,SHSSTK101,NSNSISE



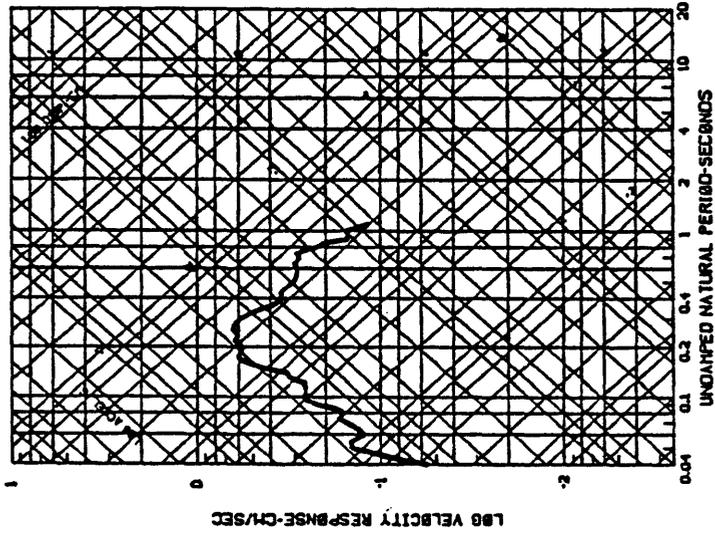
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/21/76, 18:17:55 UTC, M=3.3
COMPUTING OPTIONS- ZCRSS,SHSSTK101,NSNSISE



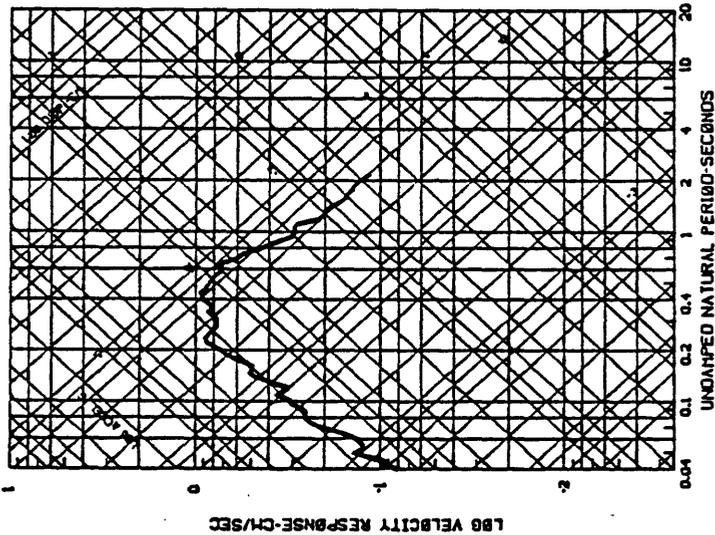
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/21/76, 18:17:55 UTC, M=3.3
COMPUTING OPTIONS- ZCRSS,SHSSTK101,NSNSISE



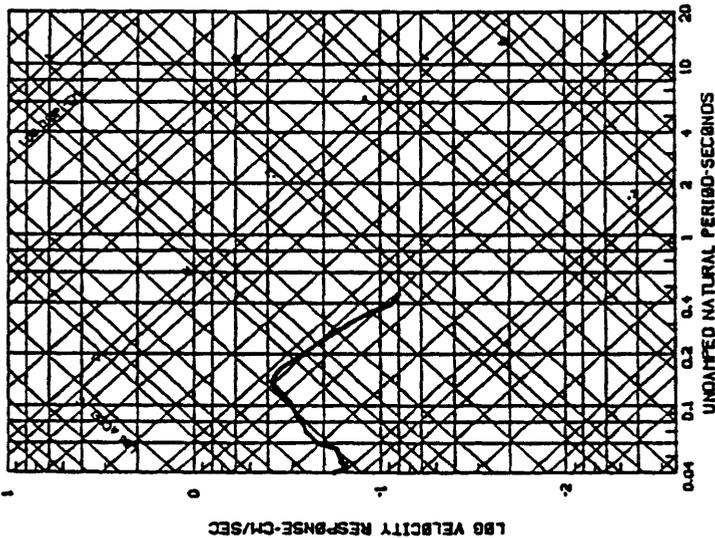
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JS, 000
 5 PERCENT CRITICAL DAMPING



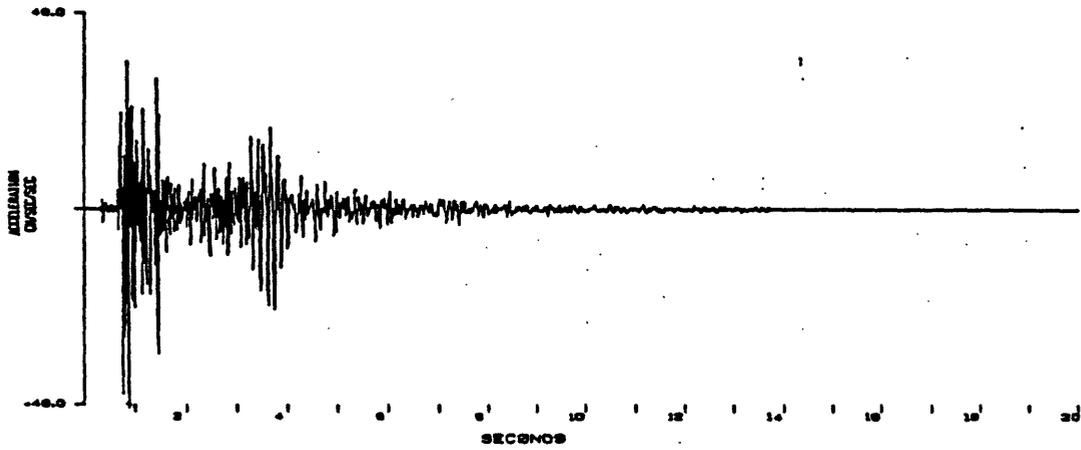
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JS, 270
 5 PERCENT CRITICAL DAMPING



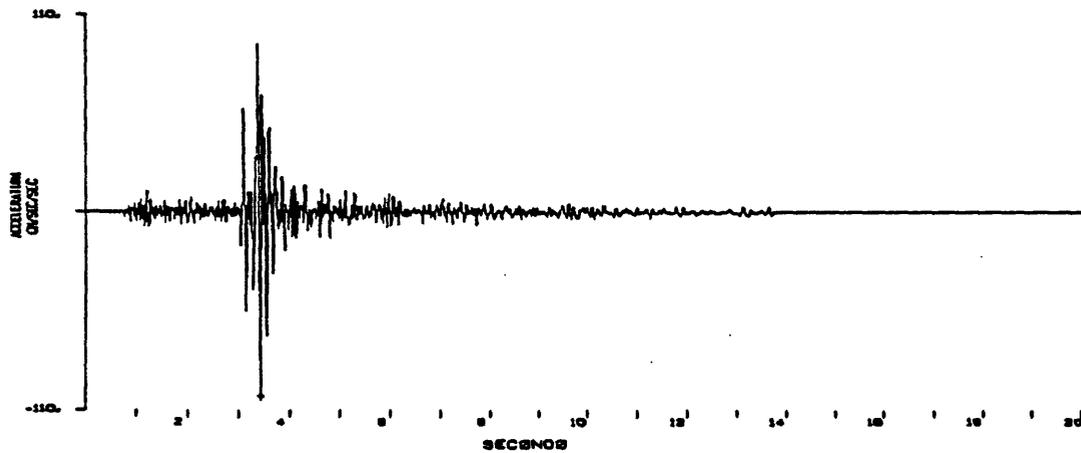
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JS, VERY
 5 PERCENT CRITICAL DAMPING



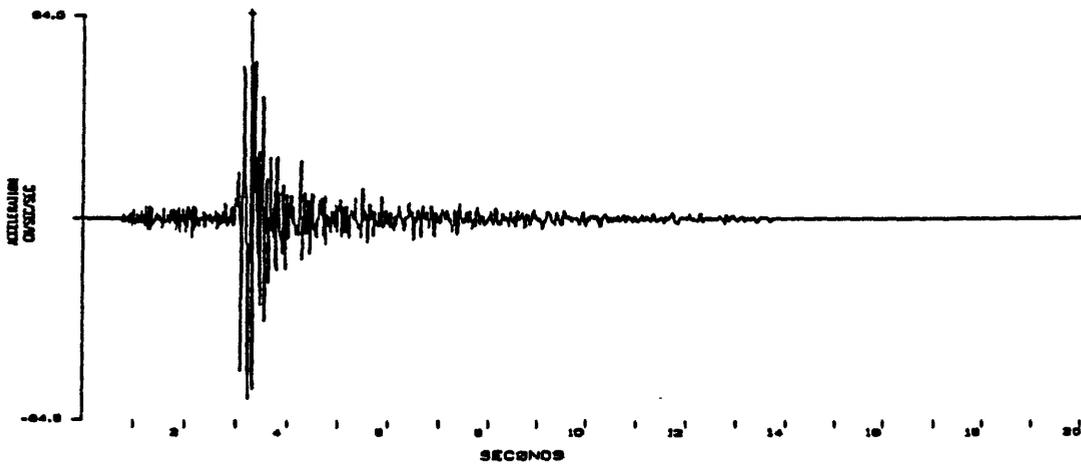
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION RVR, VERT



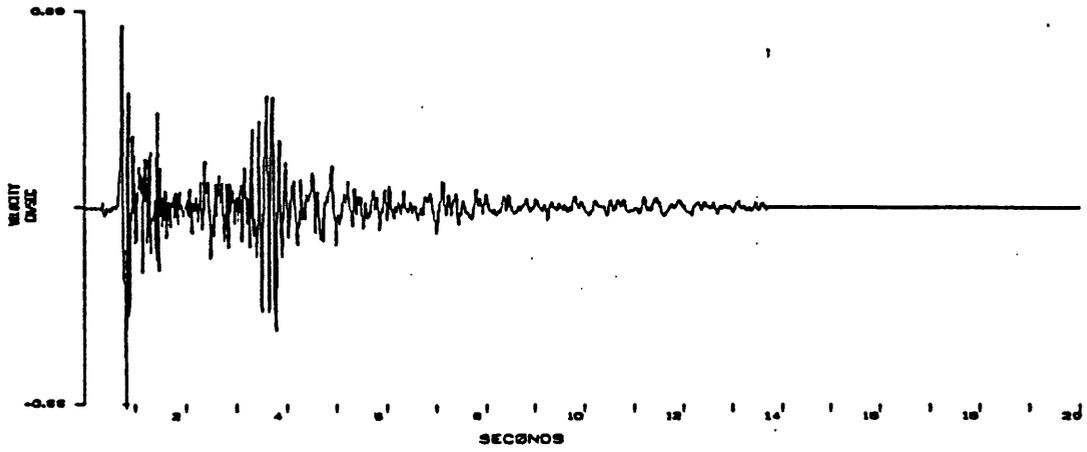
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION RVR, 270



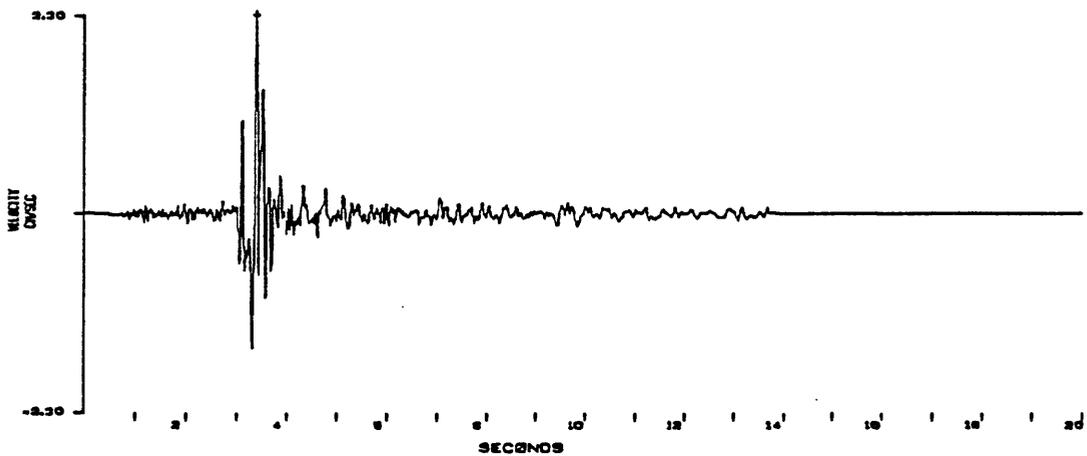
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION RVR, 000



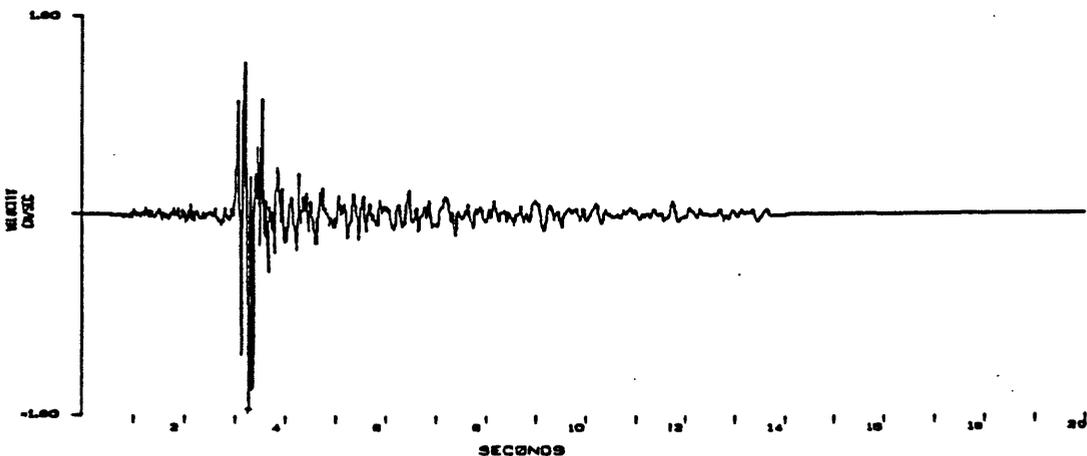
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1847.80 UTC, ML-3.3
STATION VYR. V2RY



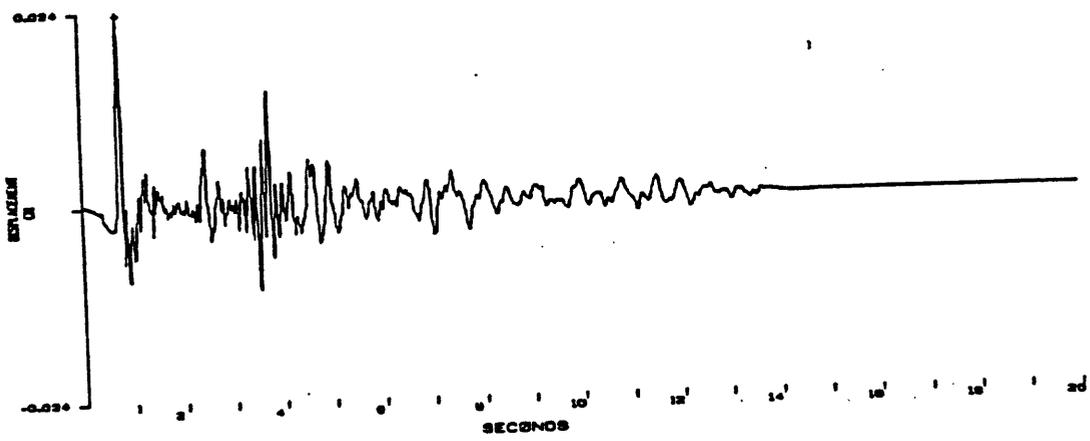
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1817.80 UTC, ML-3.3
STATION VYR. 21R



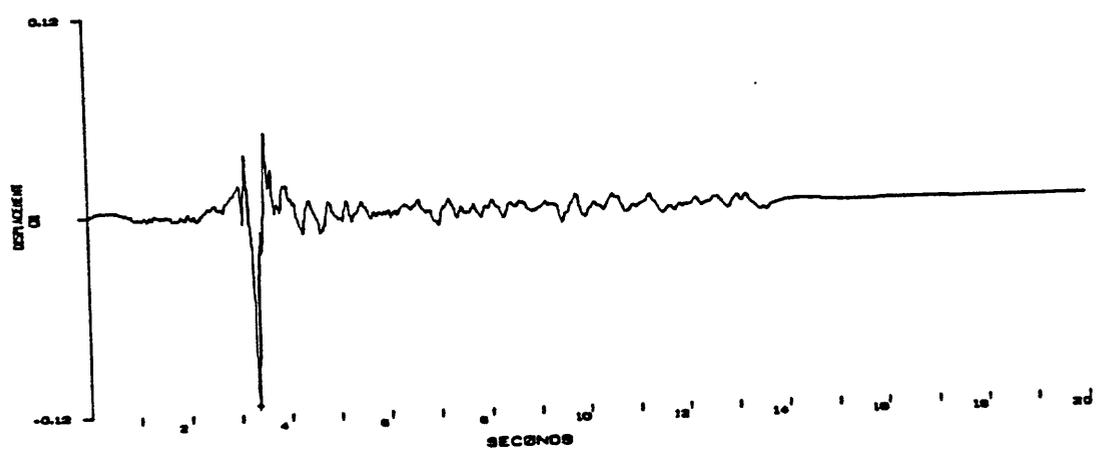
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1817.80 UTC, ML-3.3
STATION VYR. 000



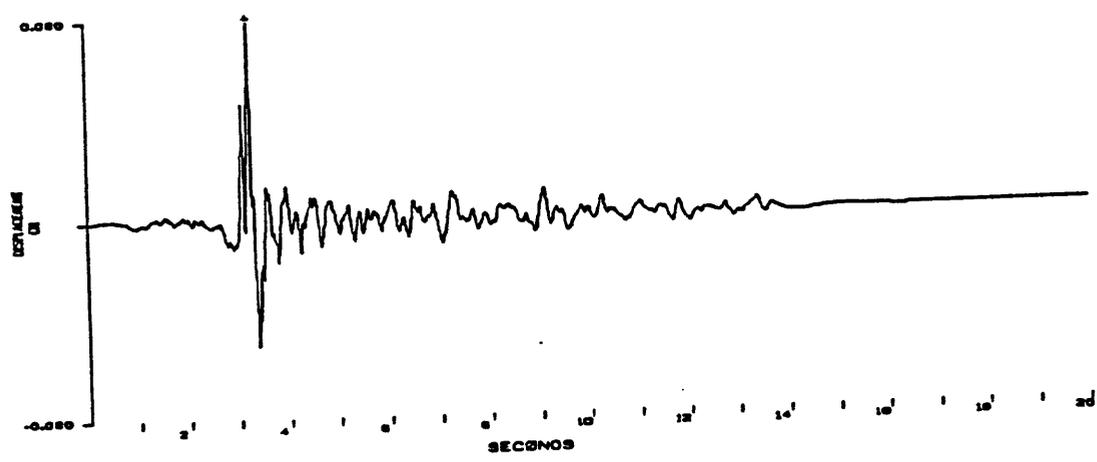
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION RVR, 0621



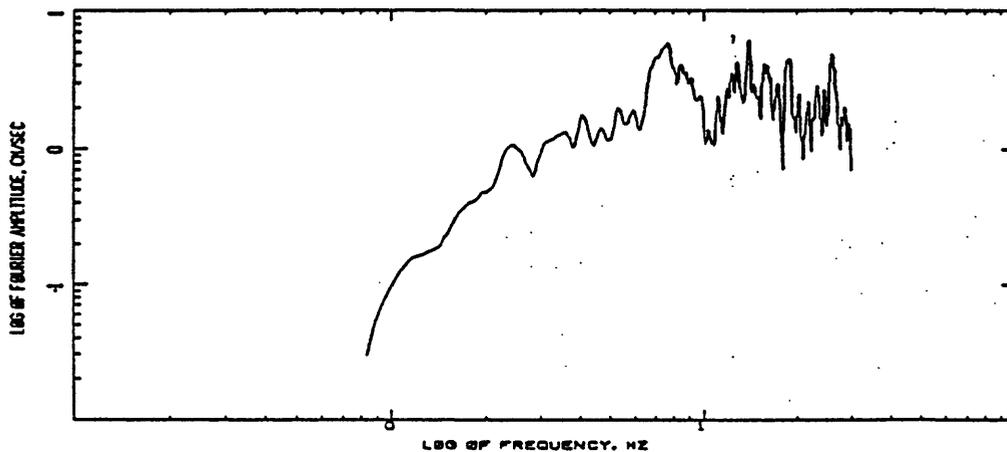
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION RVR, 270



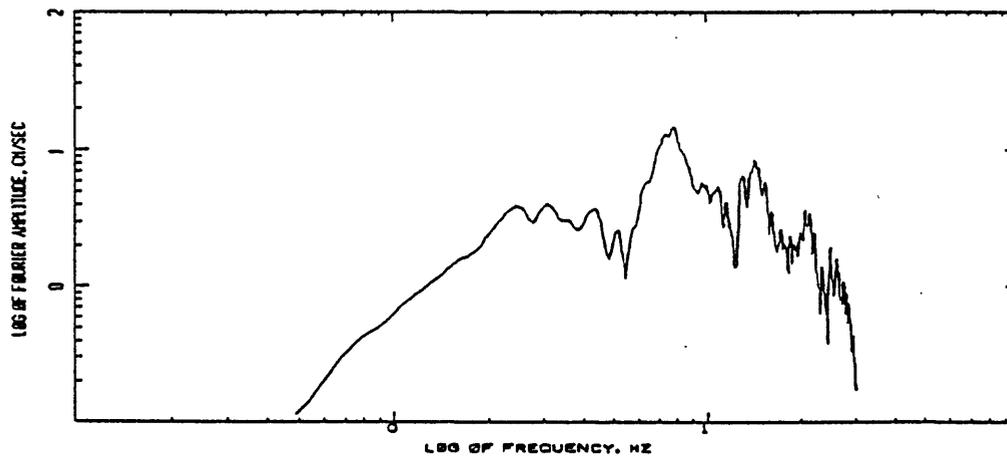
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 18:17:50 UTC, ML-3.3
STATION RVR, 000



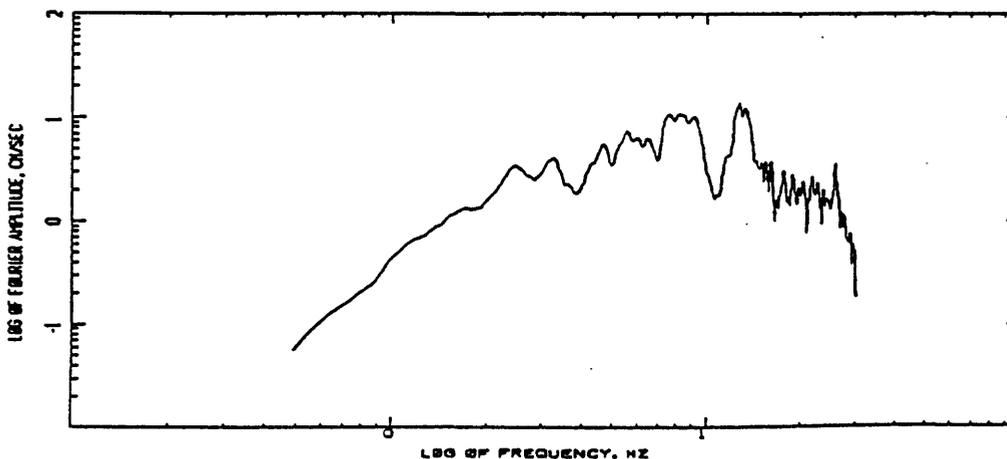
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 0721/29, 1941, 1700 UTC, ML=3.3
STATION: KCR, OBS: 1101, NSNSISE
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NSNSISE



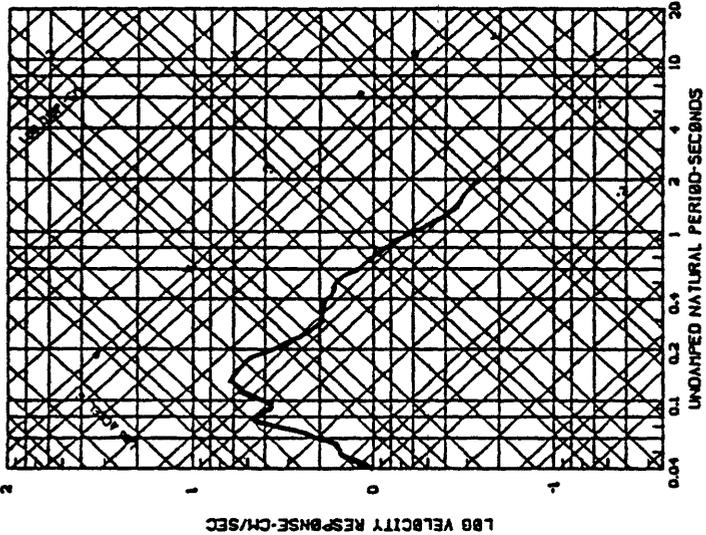
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 0721/29, 1941, 1700 UTC, ML=3.3
STATION: KCR, OBS: 1101, NSNSISE
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NSNSISE



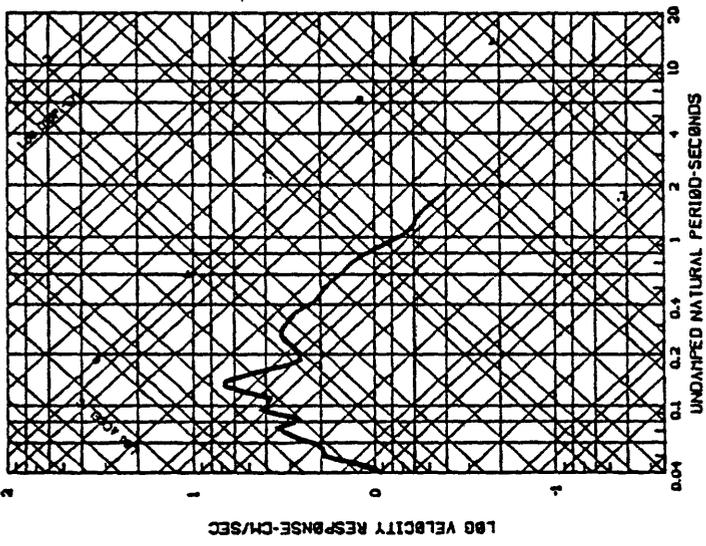
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 0721/29, 1941, 1700 UTC, ML=3.3
STATION: KCR, OBS: 1101, NSNSISE
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NSNSISE



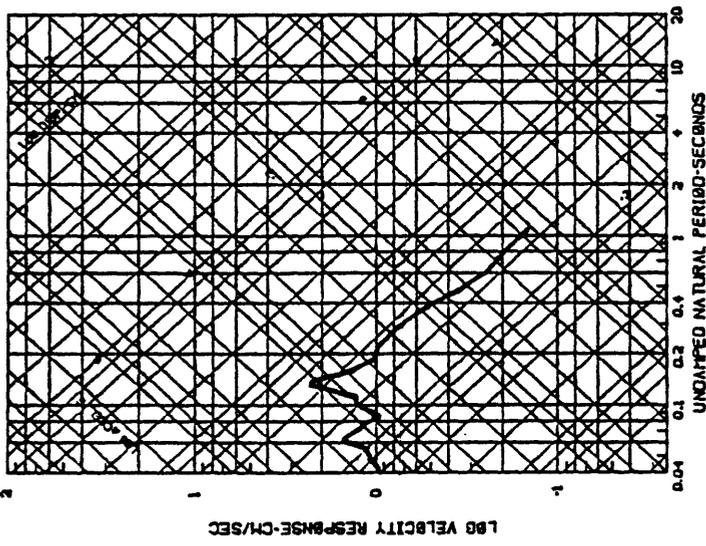
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 1817:59 UTC, ML-3.3
 STATION 670, 000
 5 PERCENT CRITICAL DAMPING



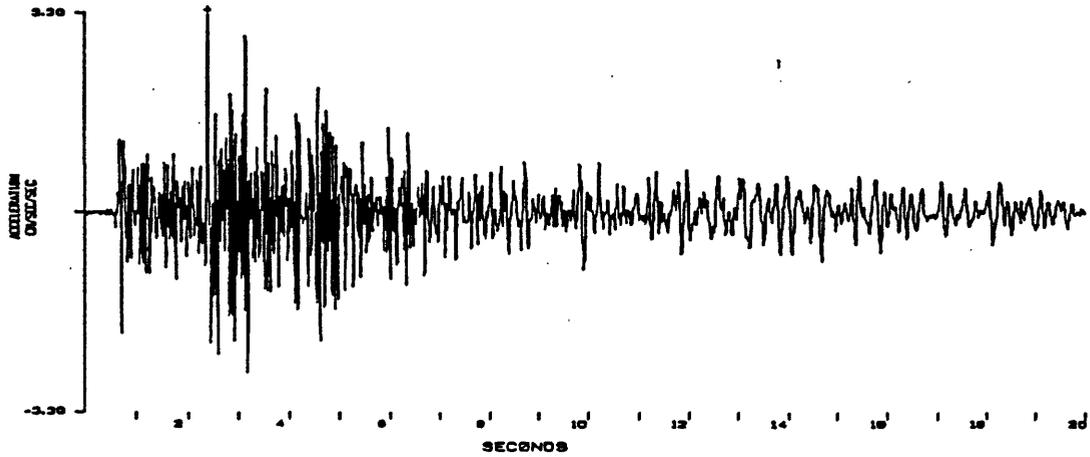
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 1817:59 UTC, ML-3.3
 STATION 670, 000
 5 PERCENT CRITICAL DAMPING



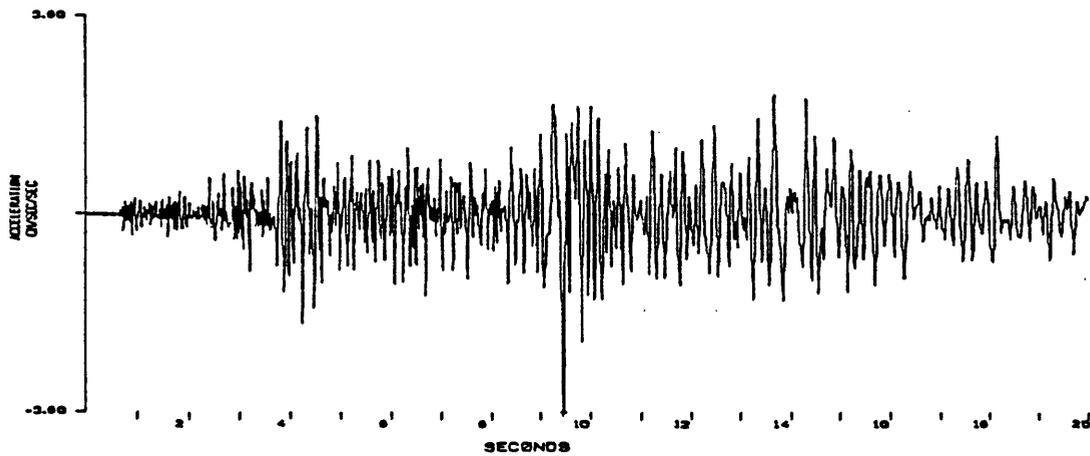
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 1817:59 UTC, ML-3.3
 STATION 670, 000
 5 PERCENT CRITICAL DAMPING



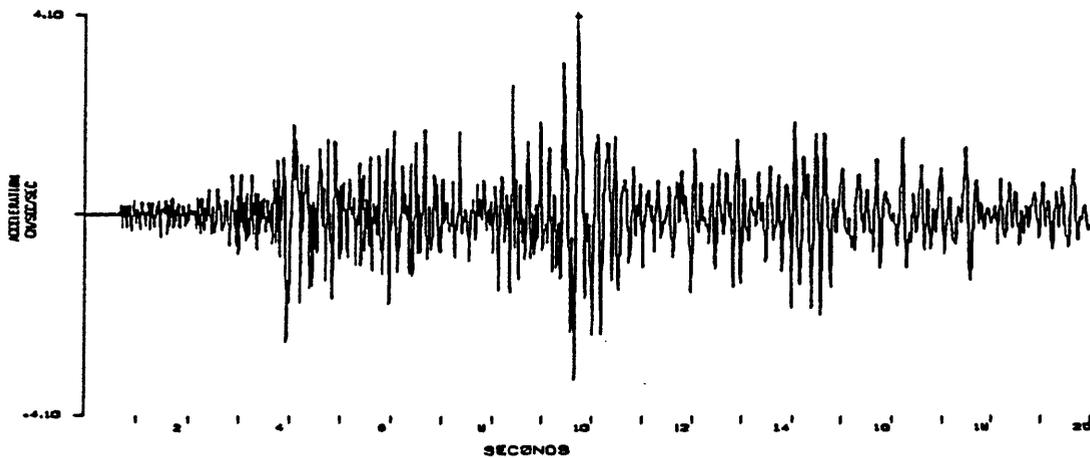
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION 210, 0221



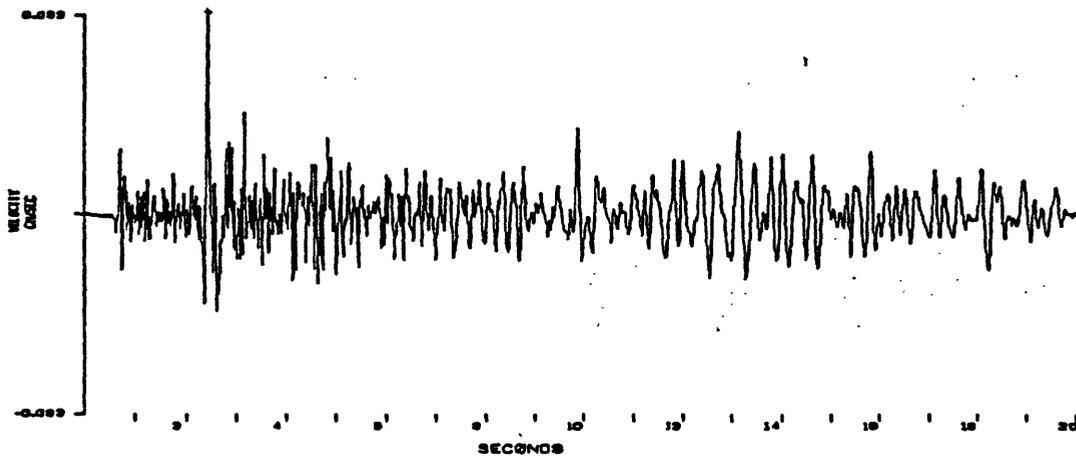
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION 210, 008



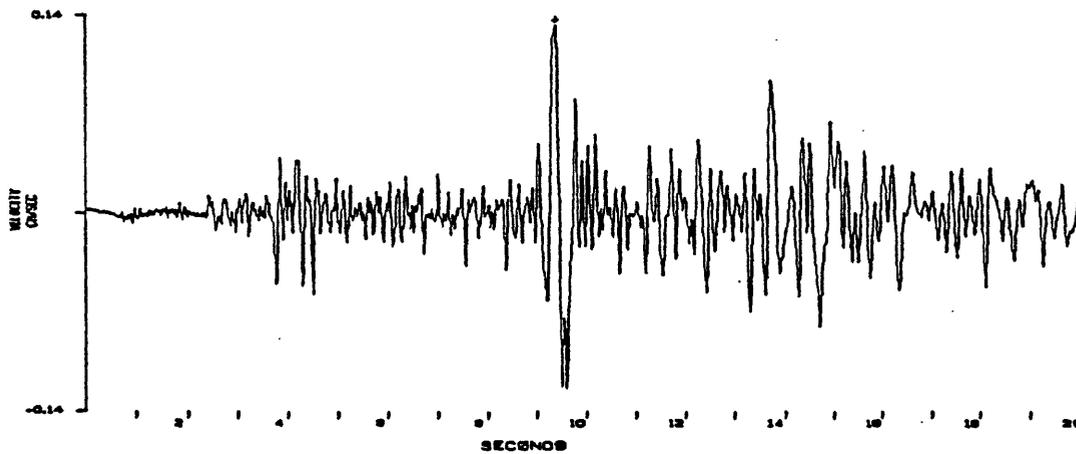
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION 210, 030



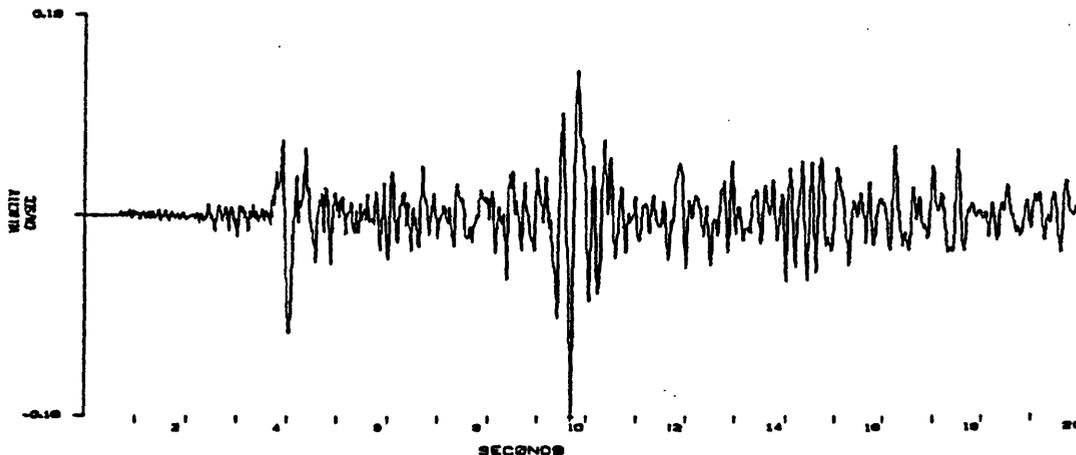
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 26.002



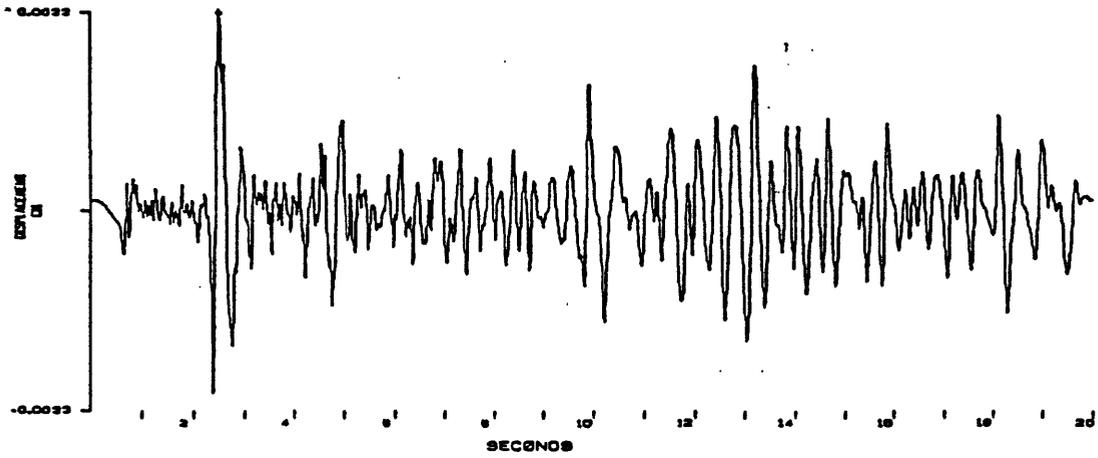
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 26.005



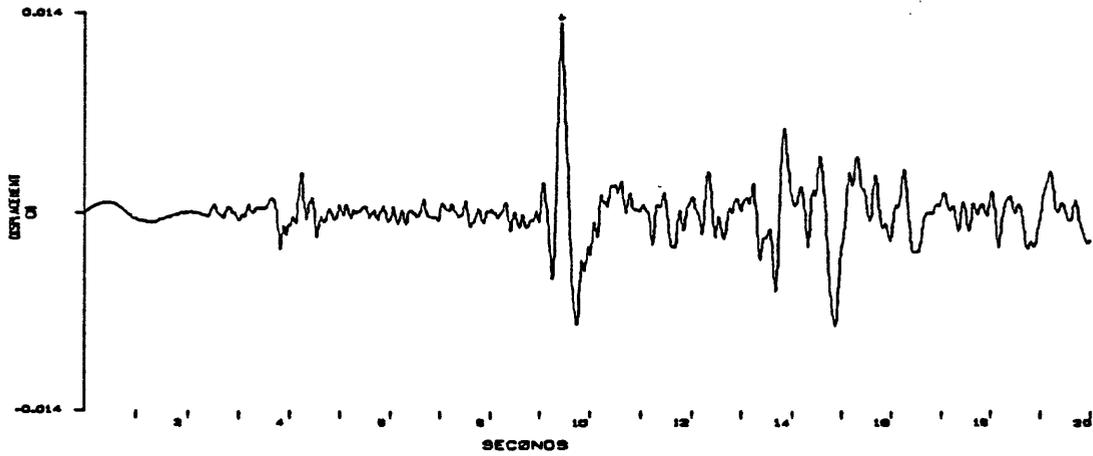
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 26.578



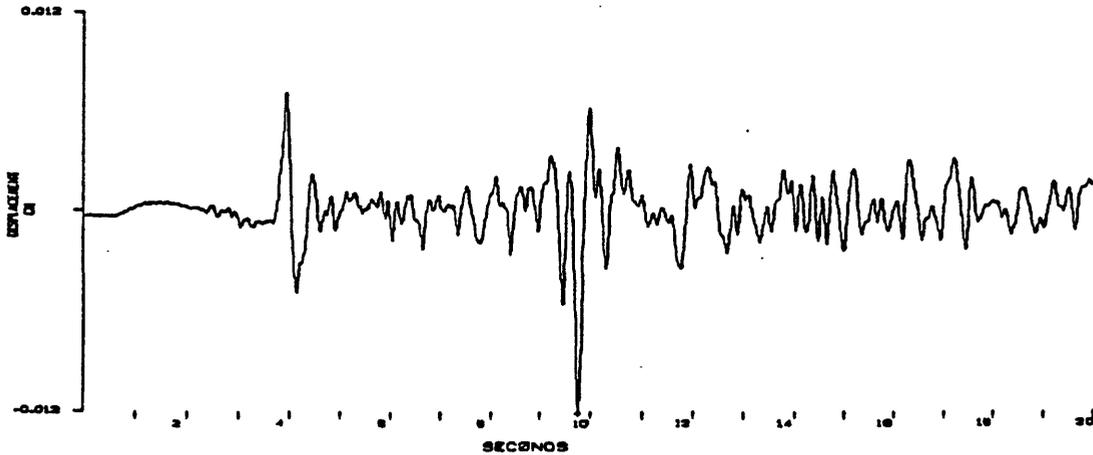
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION SLD, 984



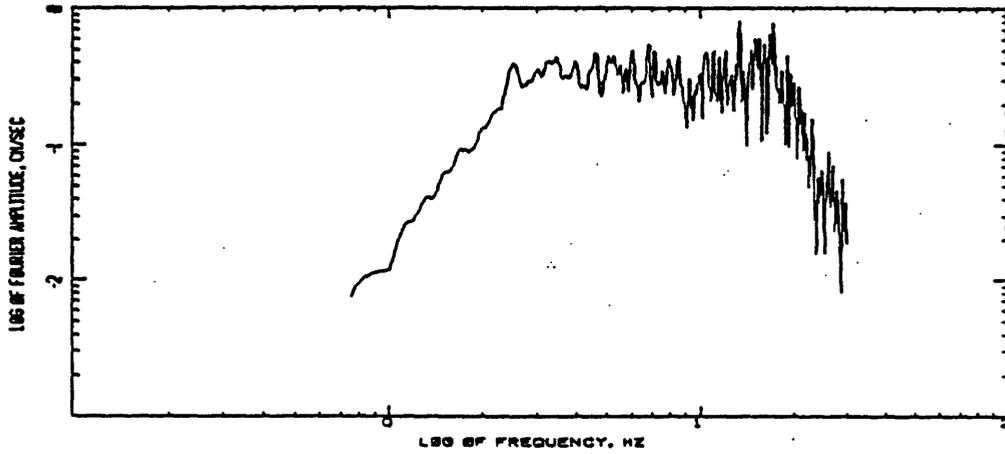
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION SLD, 600



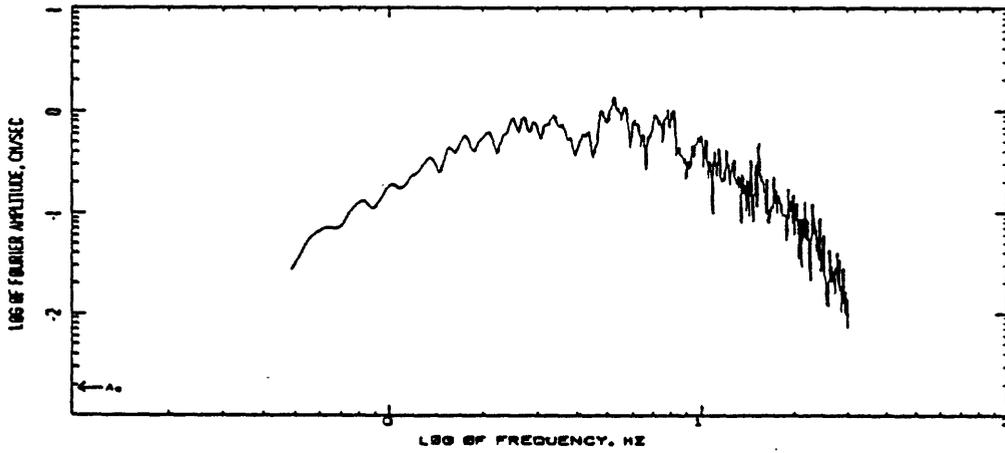
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION SLD, 378



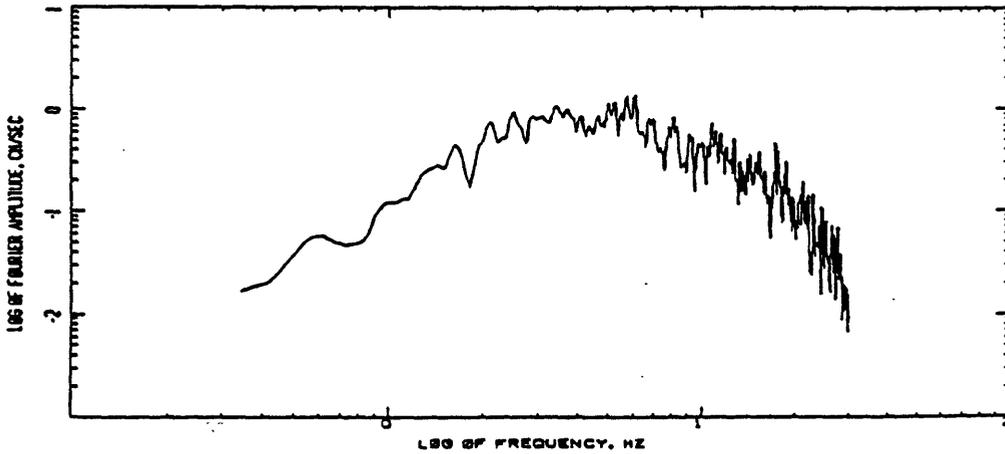
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/79, 05:17:55 UTC, ML=3.3
STATION 310, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



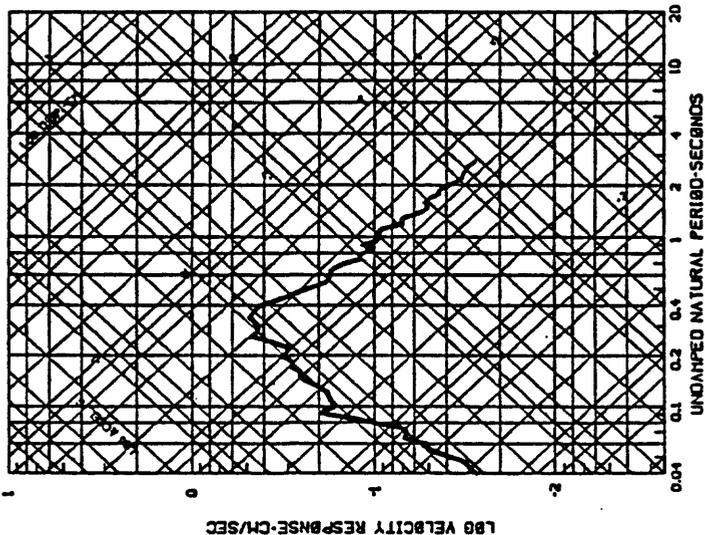
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/79, 05:17:55 UTC, ML=3.3
STATION 310, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



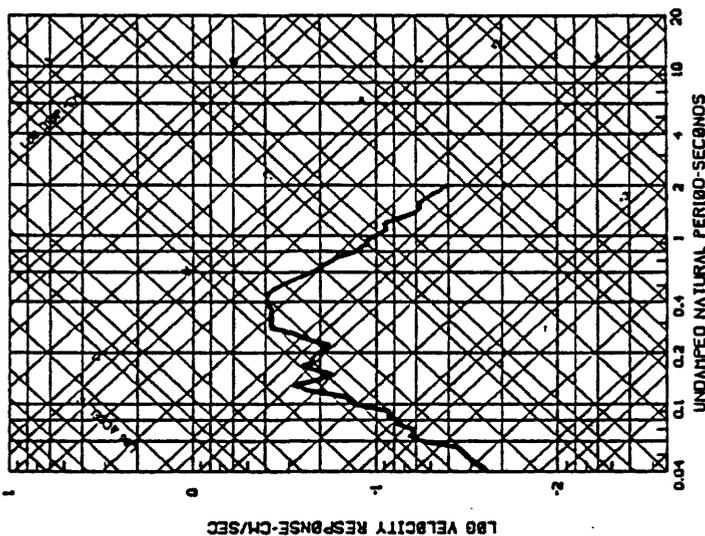
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10/21/79, 05:17:55 UTC, ML=3.3
STATION 310, 001
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



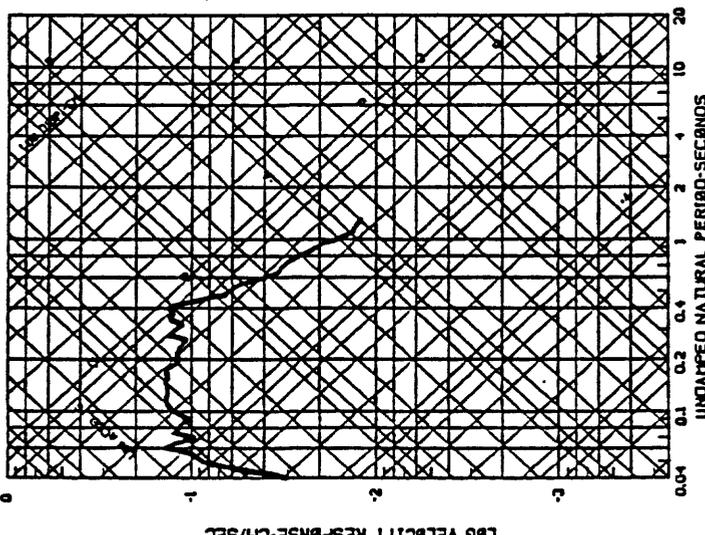
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, ML-3.3
 STATION 00000
 5 PERCENT CRITICAL DAMPING



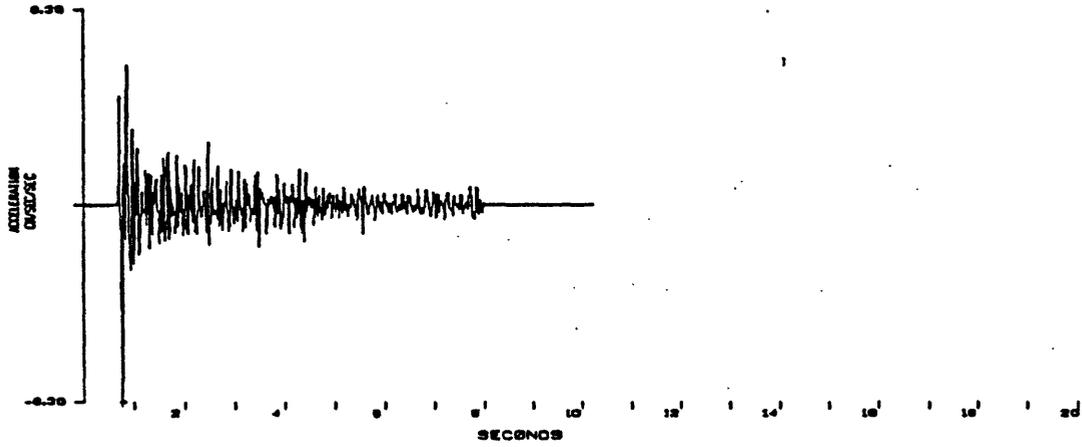
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, ML-3.3
 STATION 00000
 5 PERCENT CRITICAL DAMPING



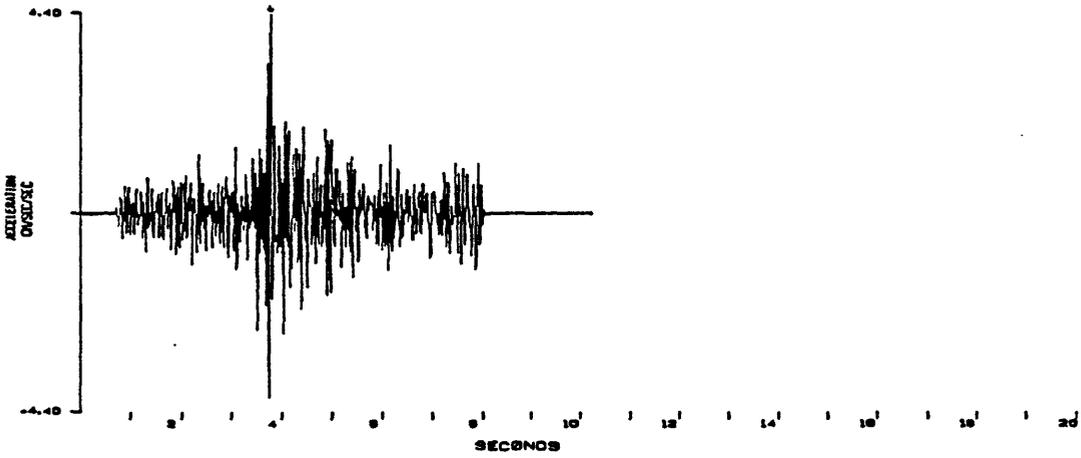
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, ML-3.3
 STATION 00000
 5 PERCENT CRITICAL DAMPING



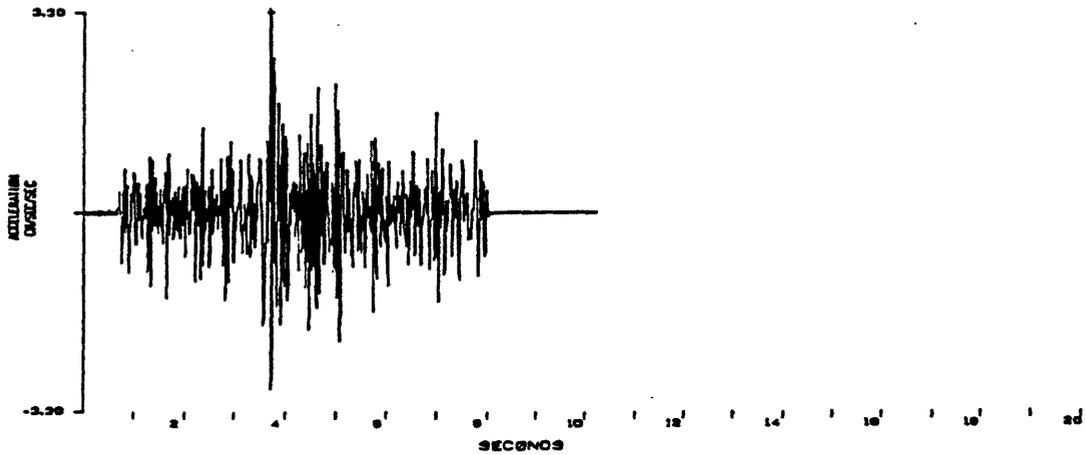
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, VERT



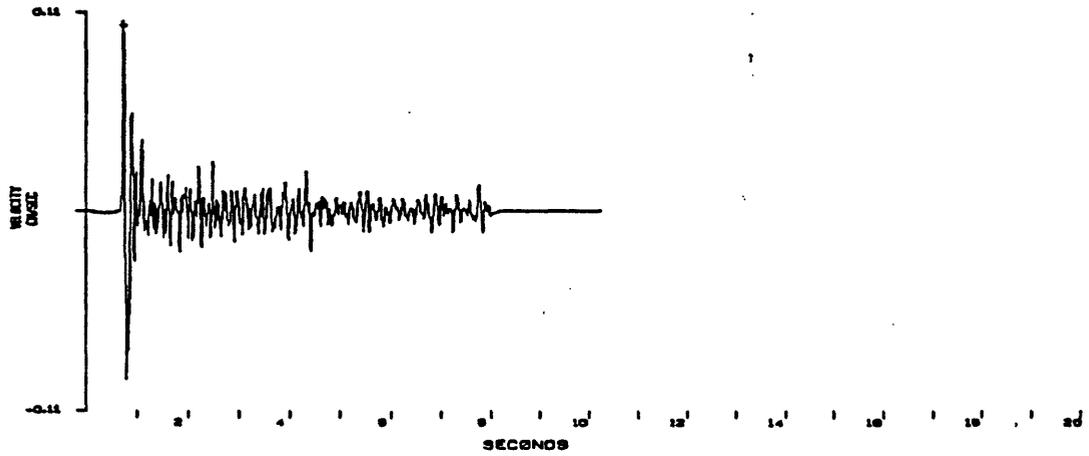
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, 000



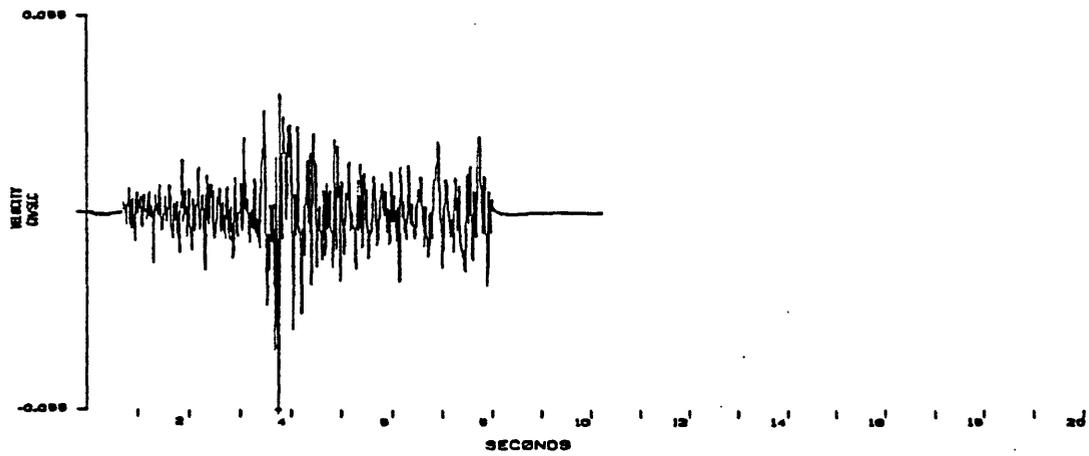
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, 270



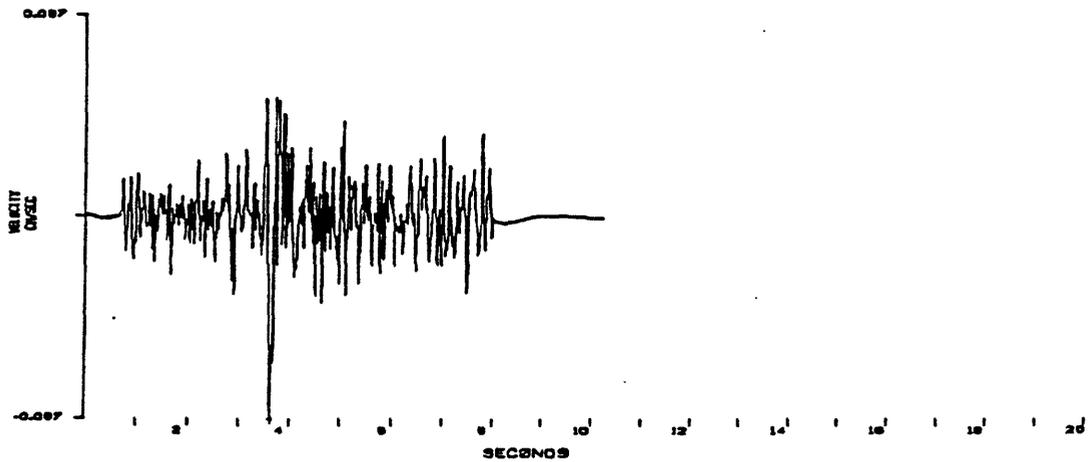
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION AFB, VERT



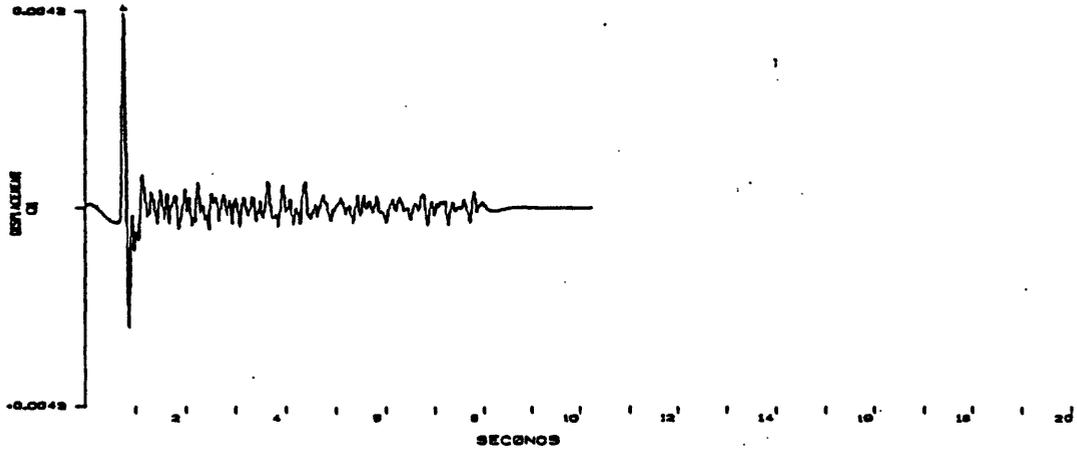
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION AFB, 500



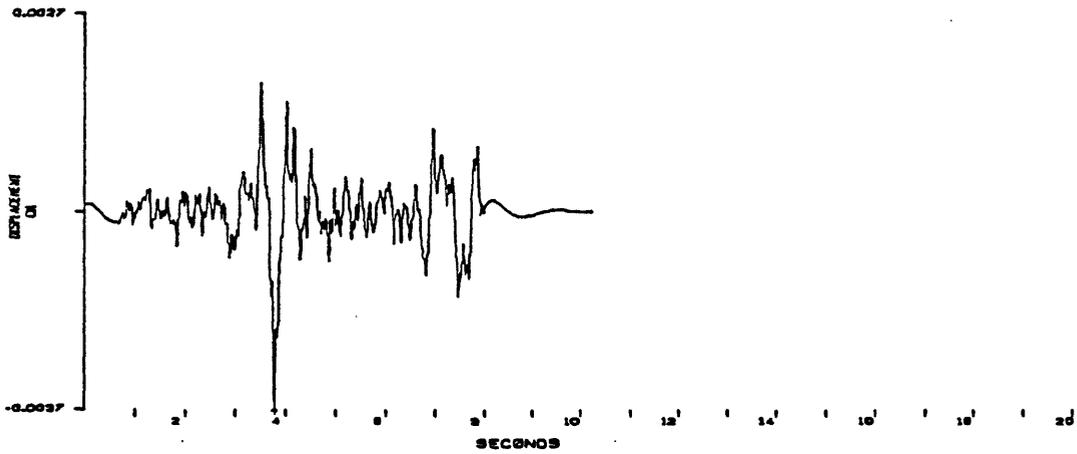
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION AFB, 270



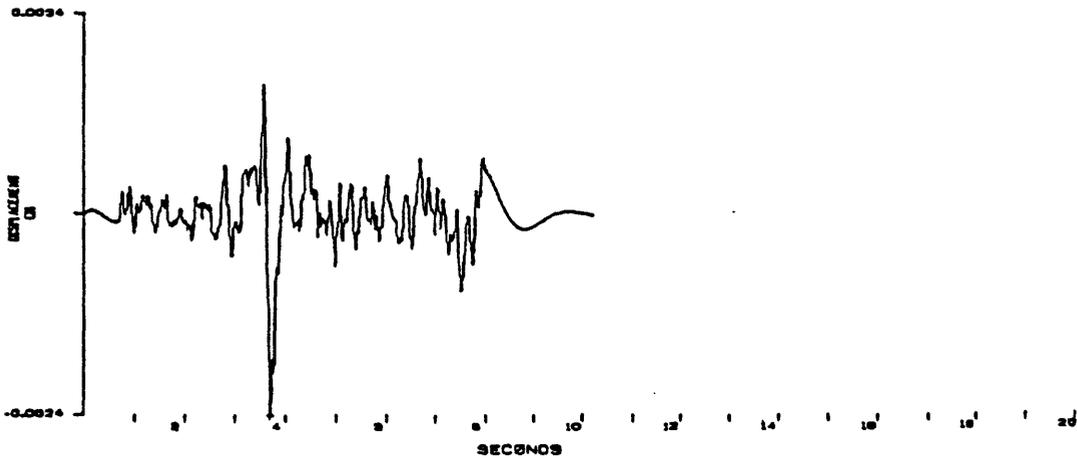
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, VERM



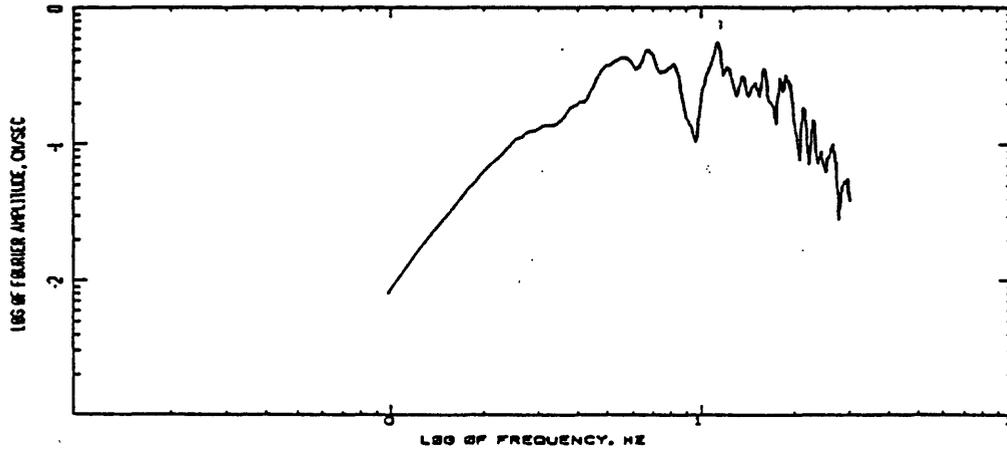
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, DOD



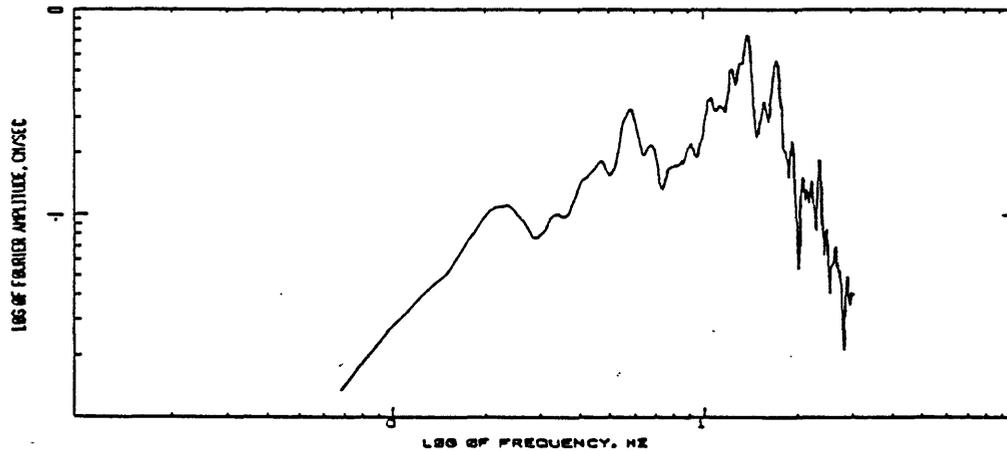
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, SPO



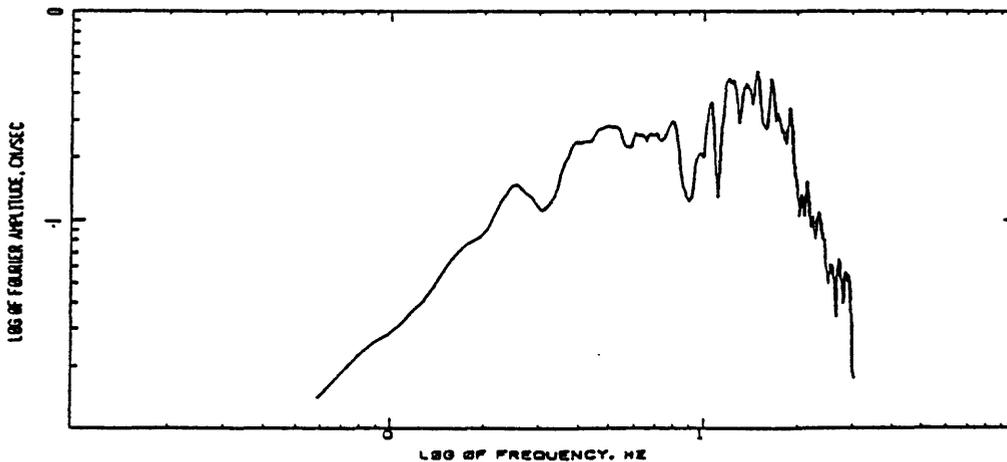
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 107237Z, 04/13/15 UTC, ML=3.0
STATION AFS, VEB
COMPUTING OPTIONS- ZCROSS,SHOETHMIO,NONSEISE



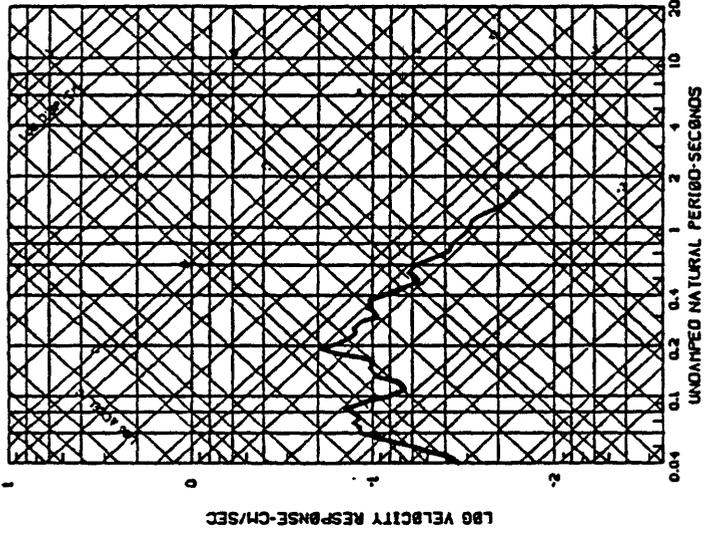
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 107237Z, 04/13/15 UTC, ML=3.0
STATION AFS, DDO
COMPUTING OPTIONS- ZCROSS,SHOETHMIO,NONSEISE



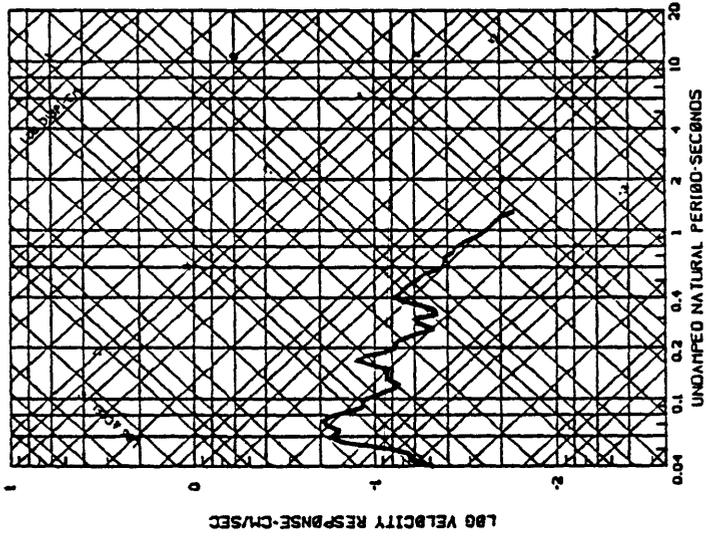
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 107237Z, 04/13/15 UTC, ML=3.0
STATION AFS, 570
COMPUTING OPTIONS- ZCROSS,SHOETHMIO,NONSEISE



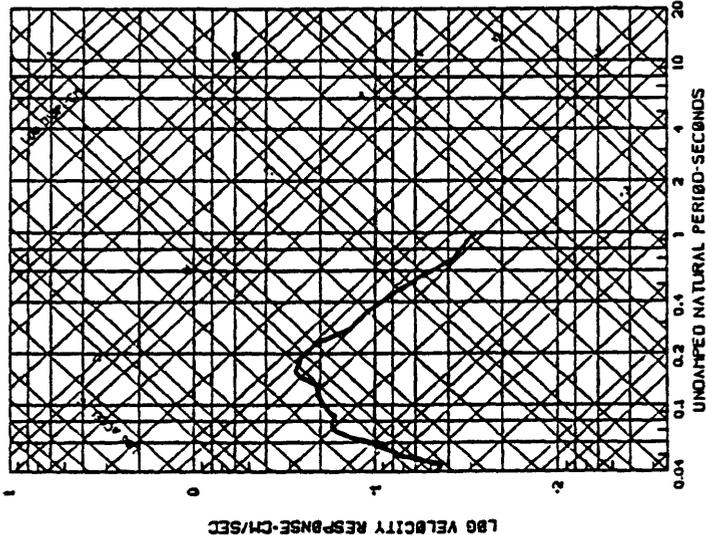
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, D11313 UIC, PL-30
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



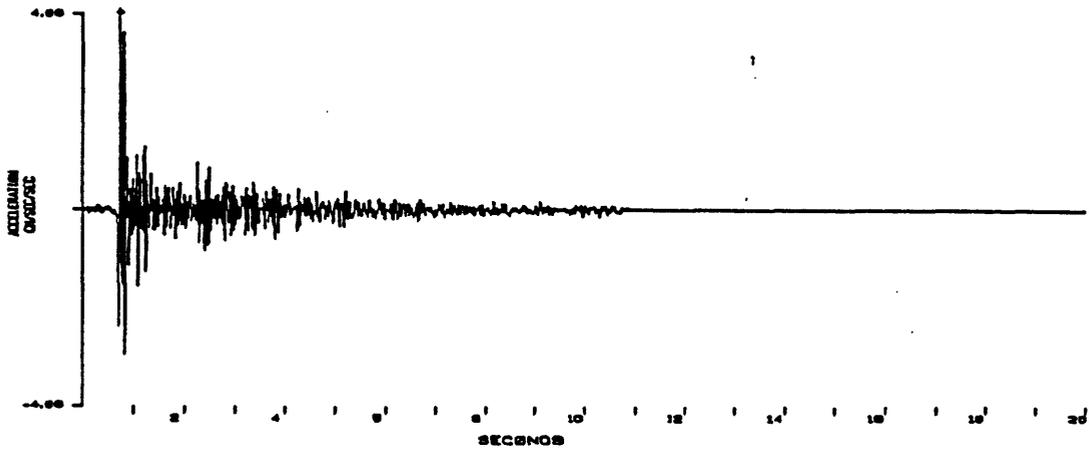
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, D11313 UIC, PL-30
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



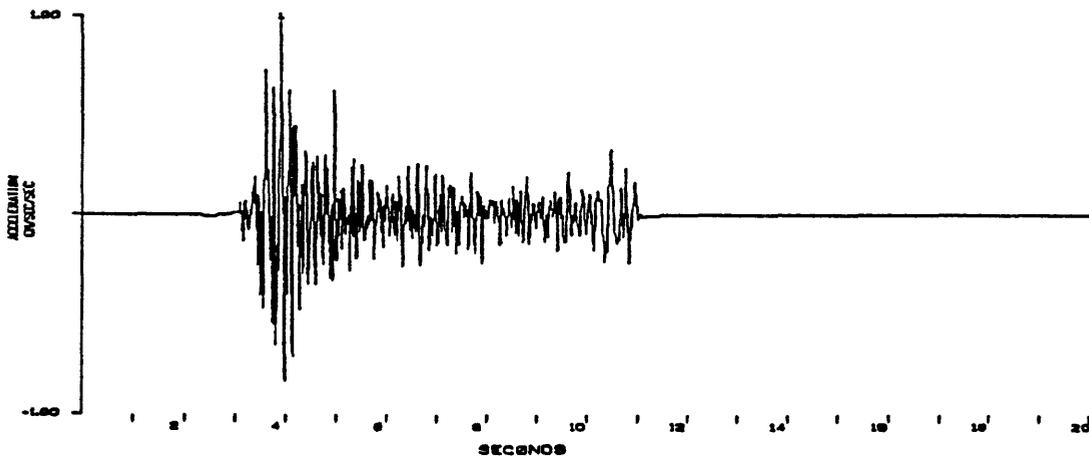
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, D11313 UIC, PL-30
 STATION AFB, VERT
 5 PERCENT CRITICAL DAMPING



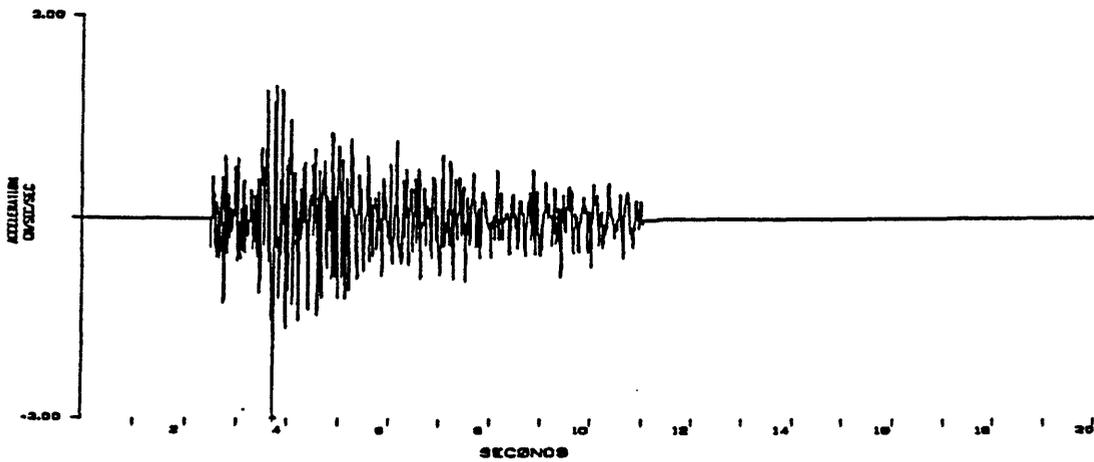
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 270, WEST



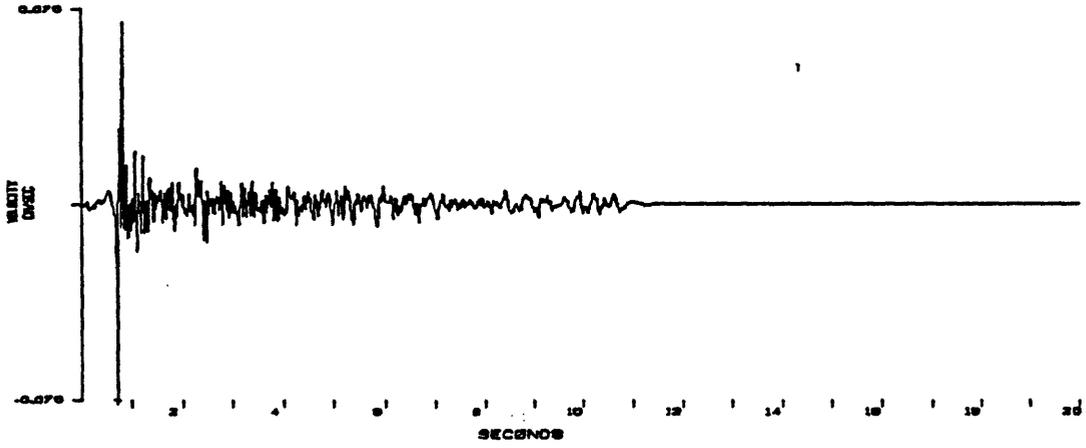
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 270, 500



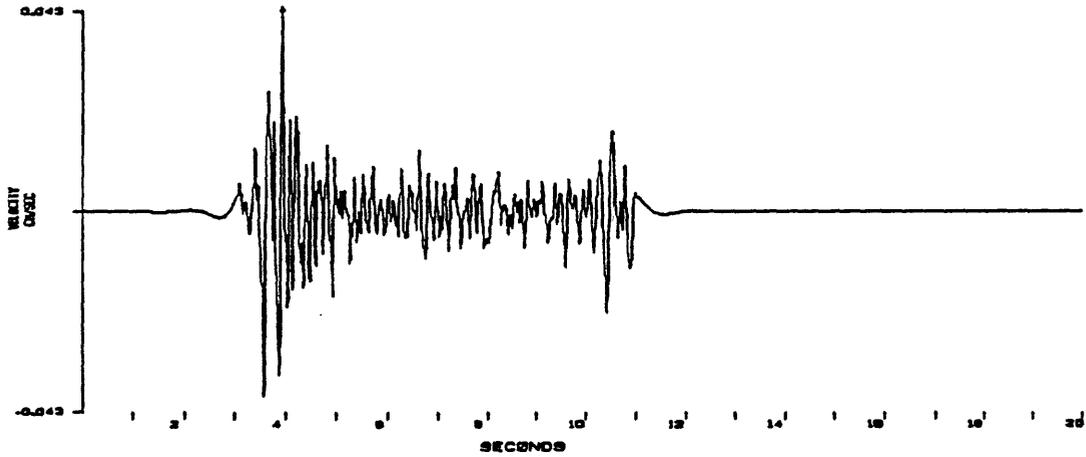
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 270, 500



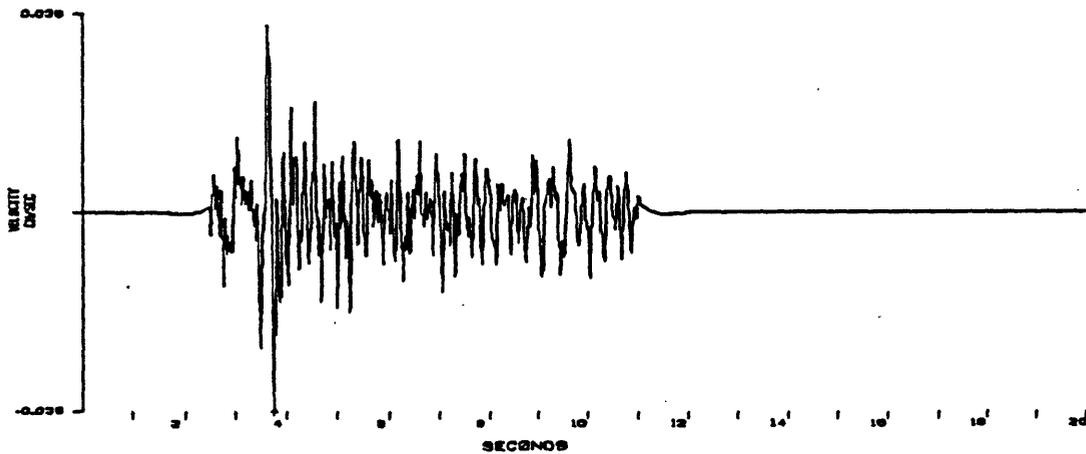
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, VERT



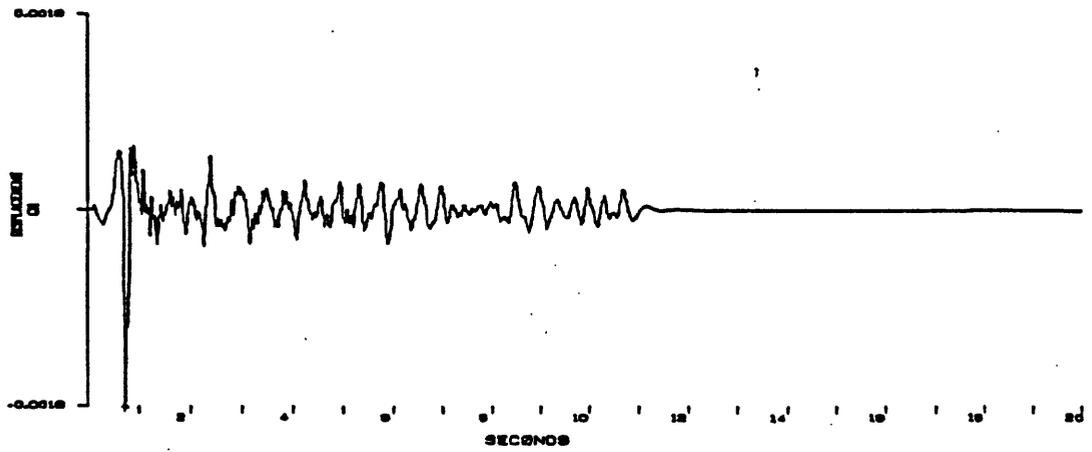
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



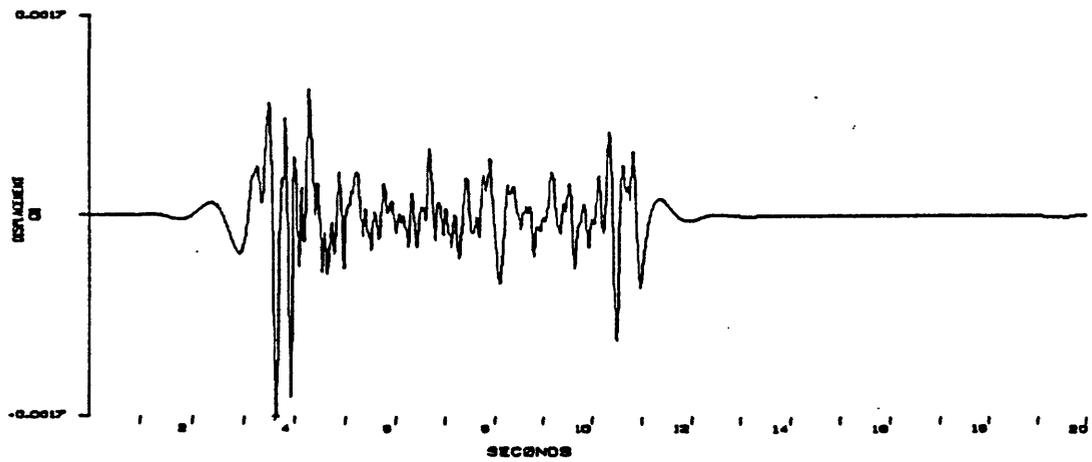
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



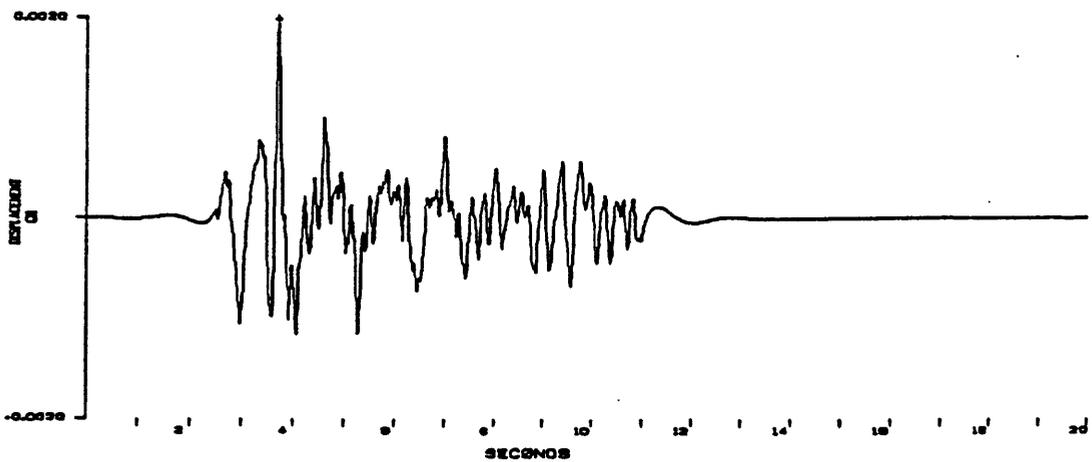
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CPG, VERT



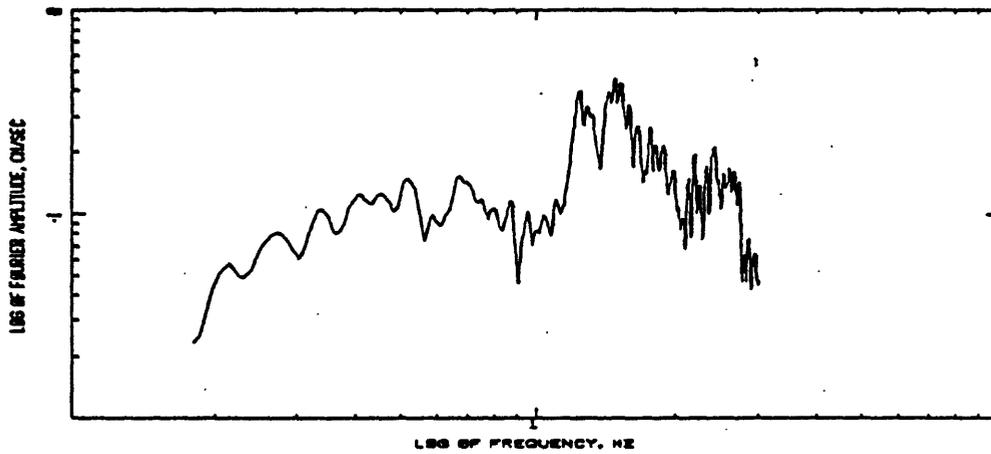
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



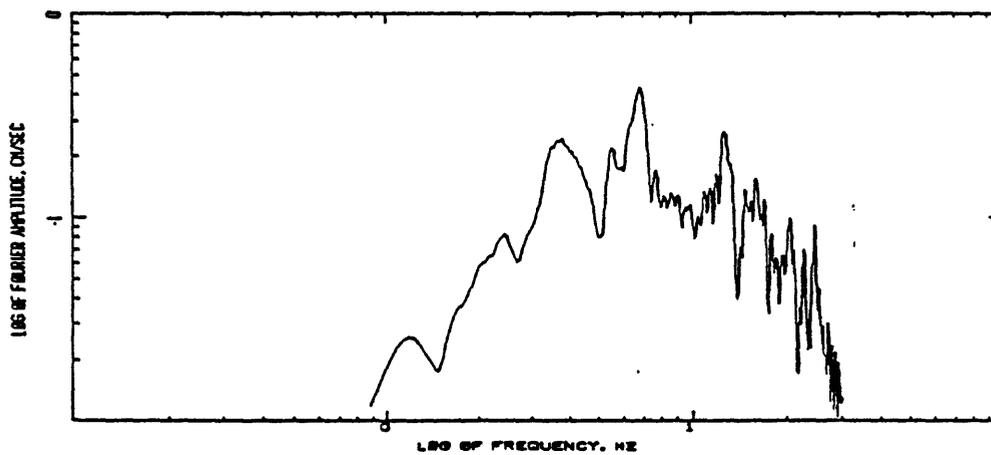
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



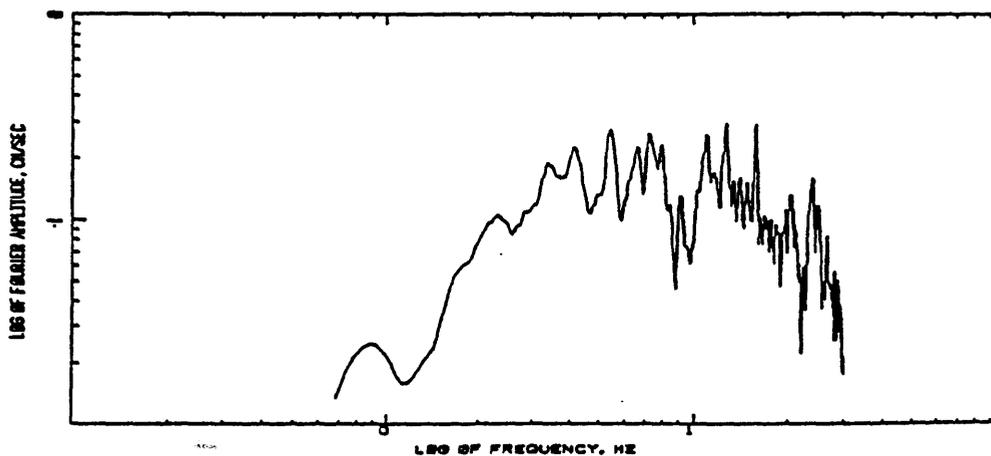
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01.13.13 UTC, HC-3.0
STATION 026, 000
COMPUTING OPTIONS- ZCROSS,SHOBTMIO,NSNSISE



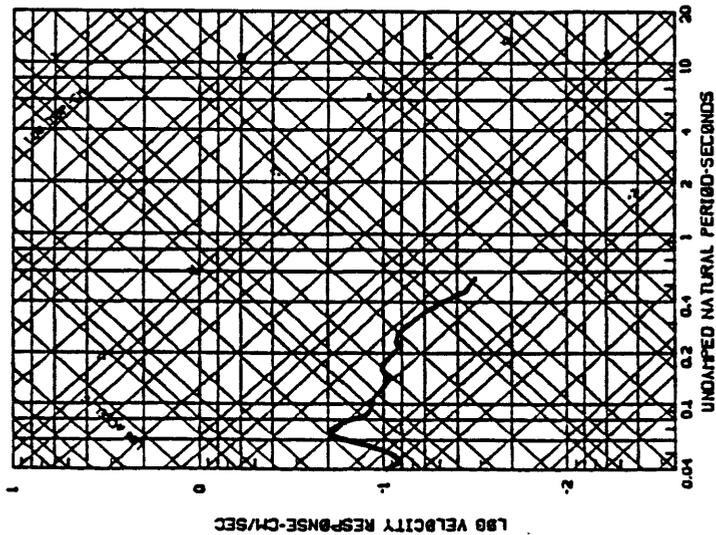
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01.13.13 UTC, HC-3.0
STATION 026, 000
COMPUTING OPTIONS- ZCROSS,SHOBTMIO,NSNSISE



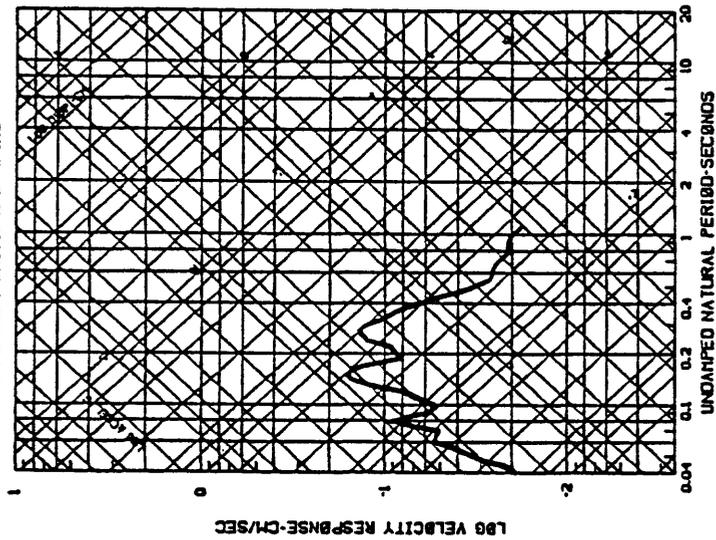
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01.13.13 UTC, HC-3.0
STATION 026, 000
COMPUTING OPTIONS- ZCROSS,SHOBTMIO,NSNSISE



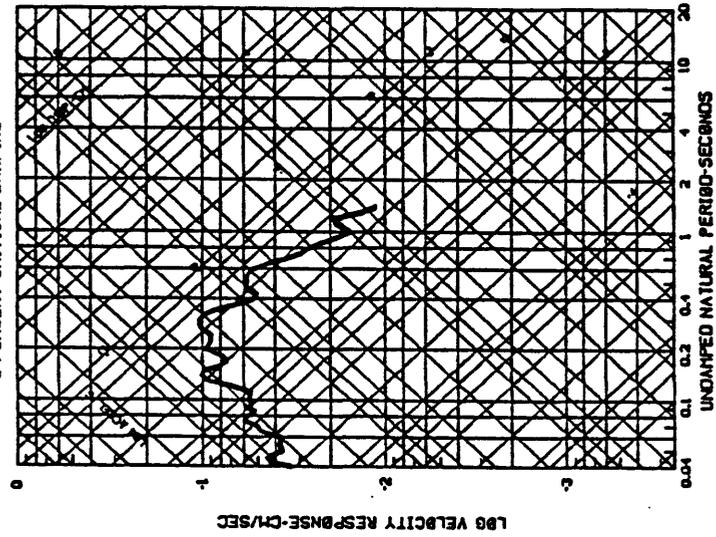
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:12:43 UTC, ML=3.0
 STATION PFG, VERT
 5 PERCENT CRITICAL DAMPING



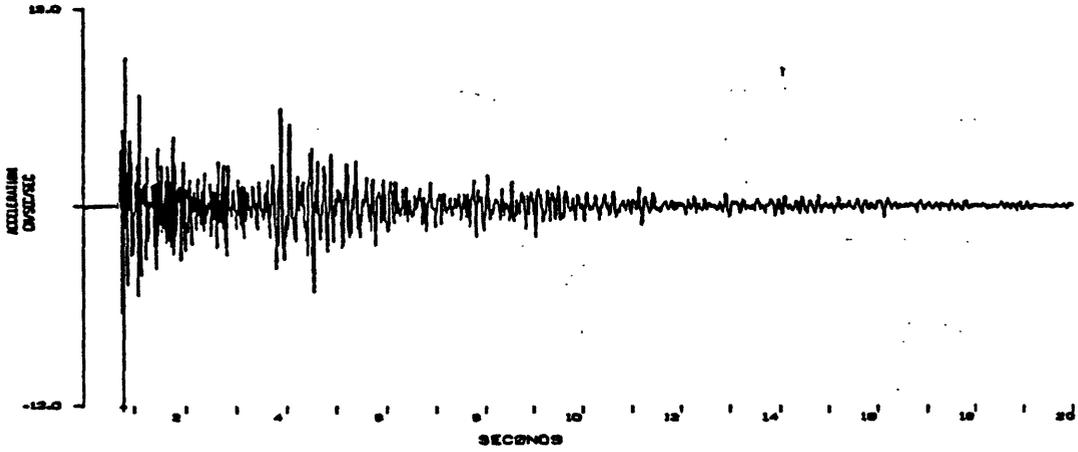
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
 STATION PFG, HORZ
 5 PERCENT CRITICAL DAMPING



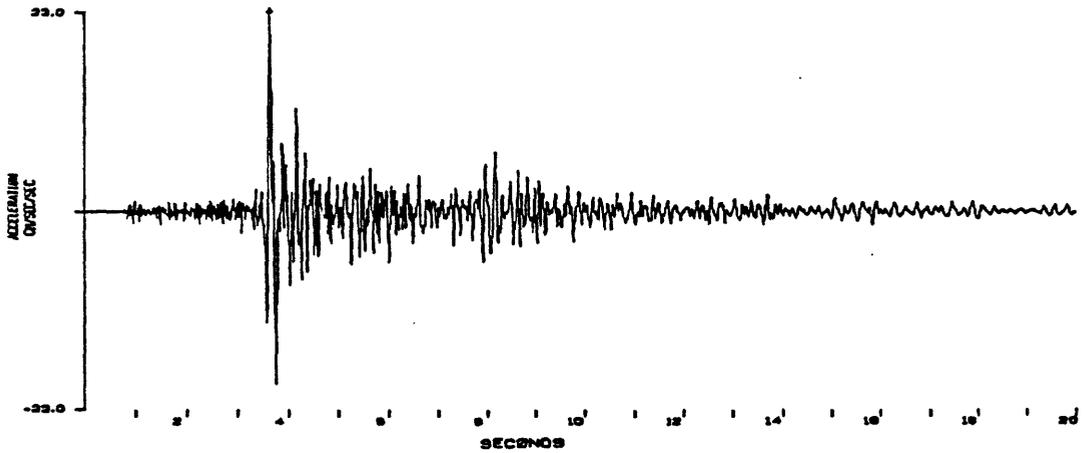
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:43 UTC, ML=3.0
 STATION PFG, HORZ
 5 PERCENT CRITICAL DAMPING



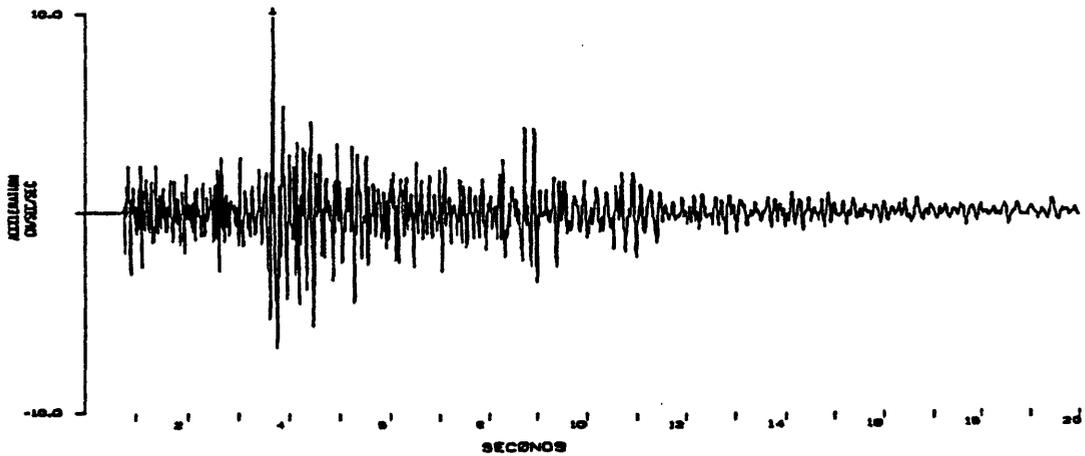
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAX, VEM



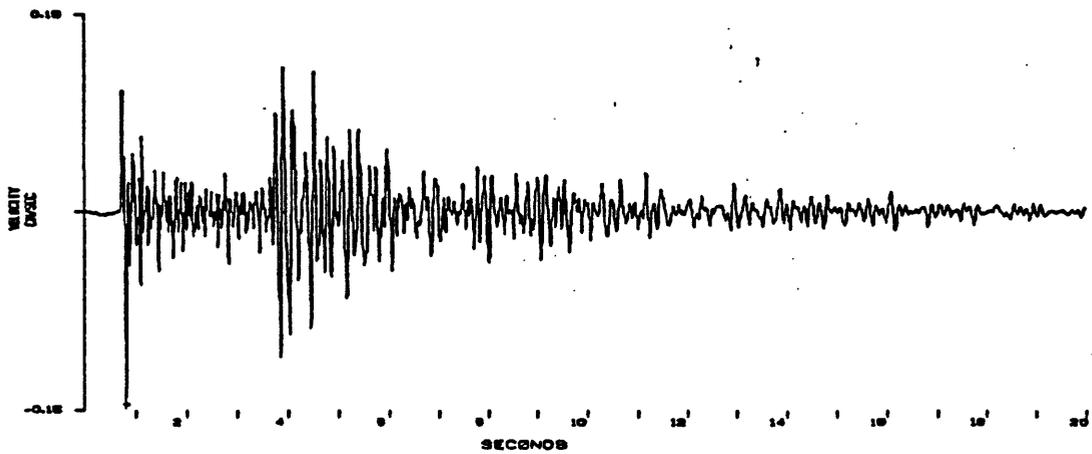
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAX, 588



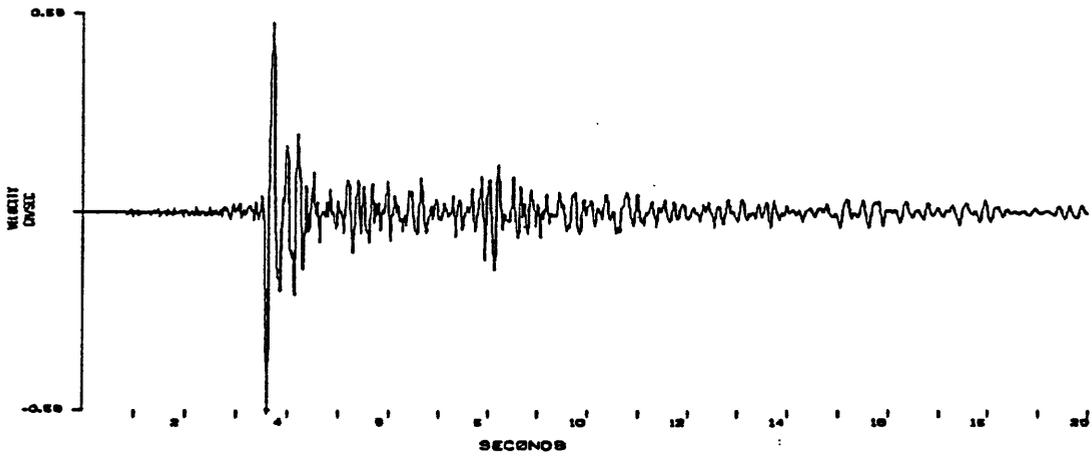
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAX, 568



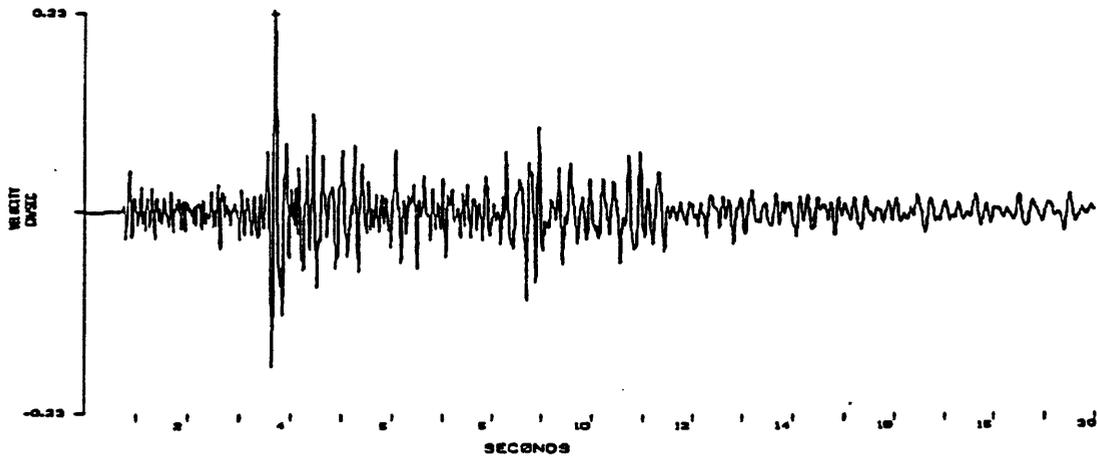
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CRK, 004



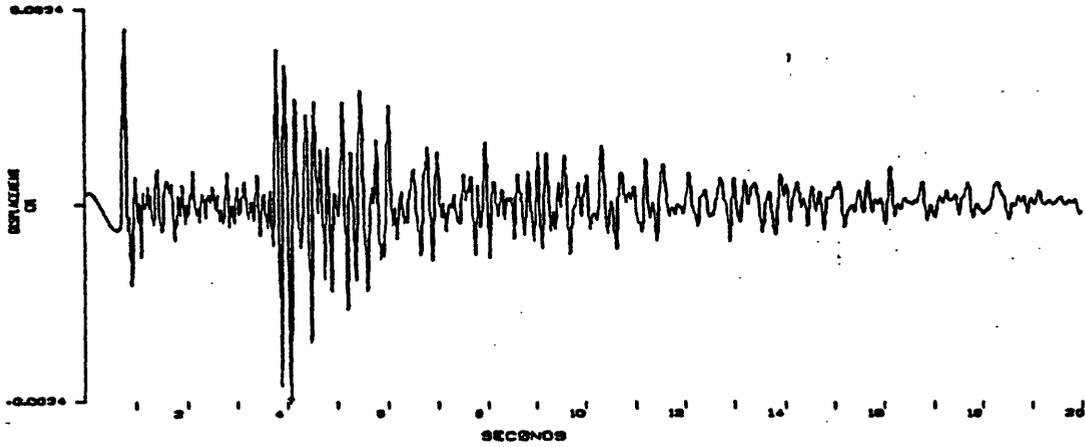
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CRK, 000



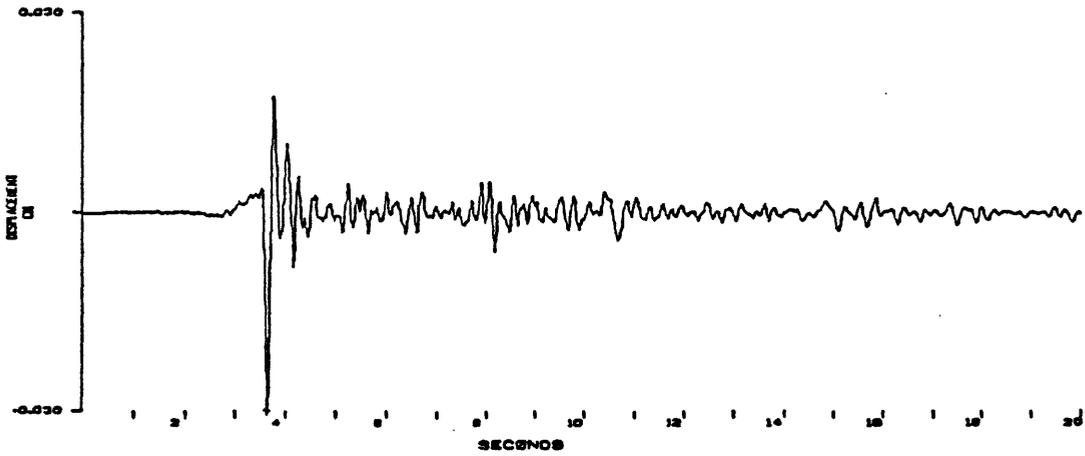
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CRK, 270



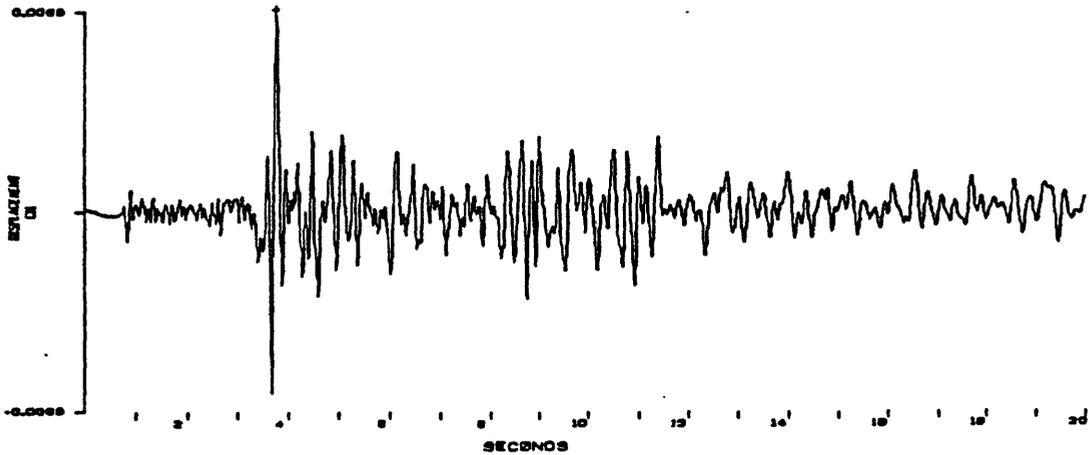
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAK, VENT



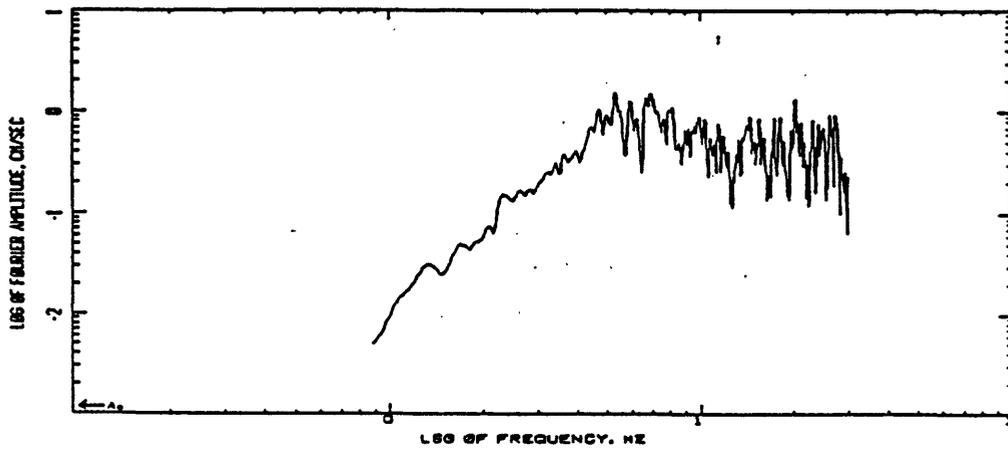
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAK, DDO



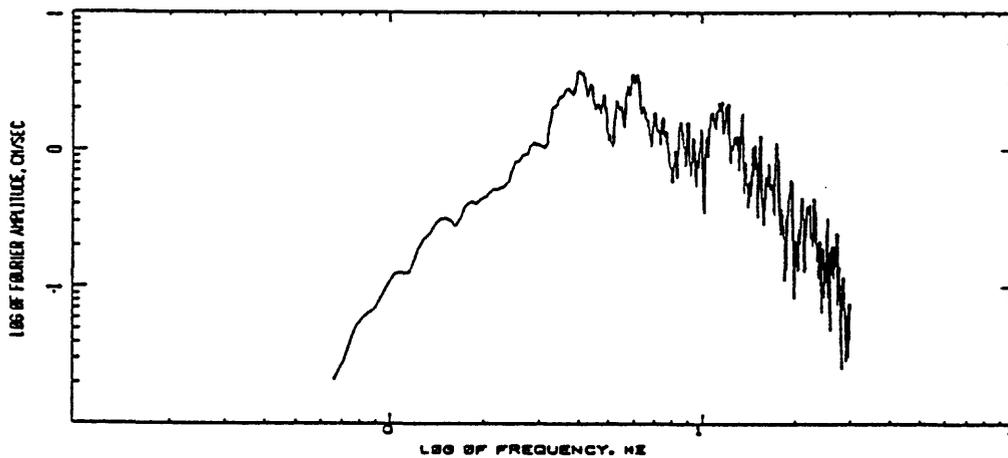
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION CAK, S70



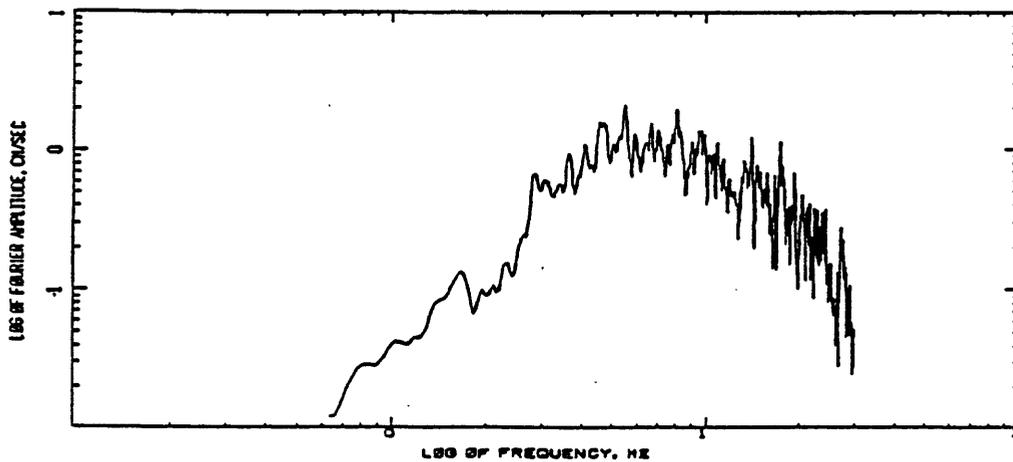
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1973/76, 04.15.13 UTC, ML=3.0
STATION: 12N123K004
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



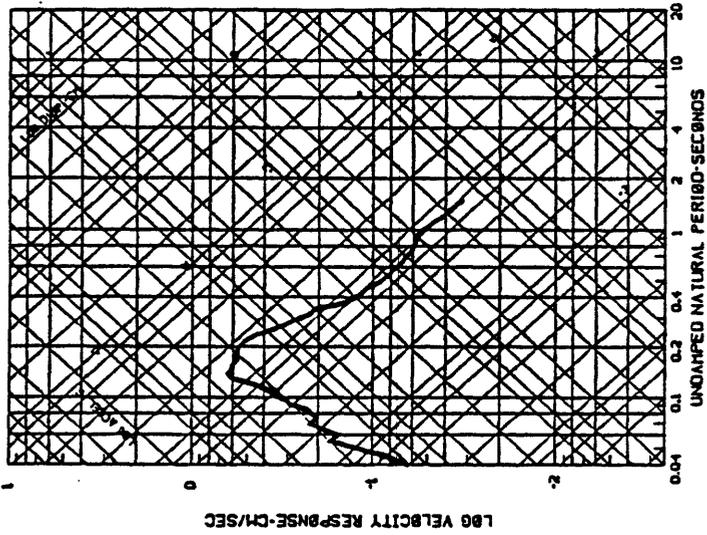
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1973/76, 04.15.13 UTC, ML=3.0
STATION: 12N123K004
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



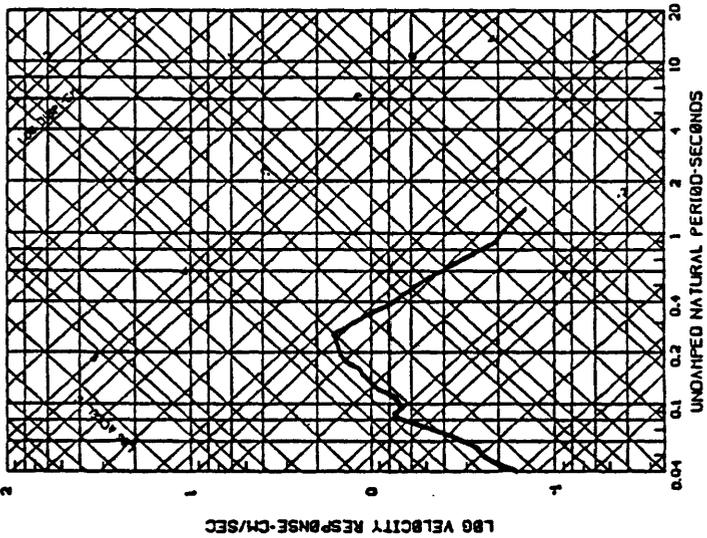
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1973/76, 04.15.13 UTC, ML=3.0
STATION: 12N123K004
COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



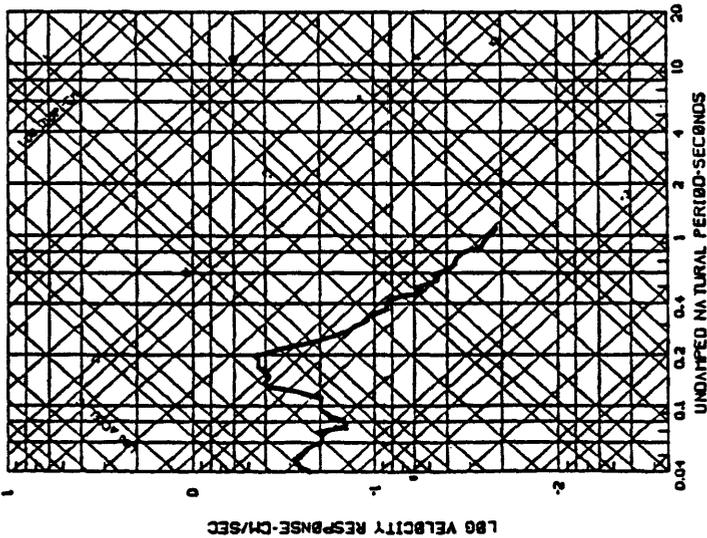
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INSHAKE 10/23/79 011313J UTC, M-3.0
 STATION FRK 000
 5 PERCENT CRITICAL DAMPING



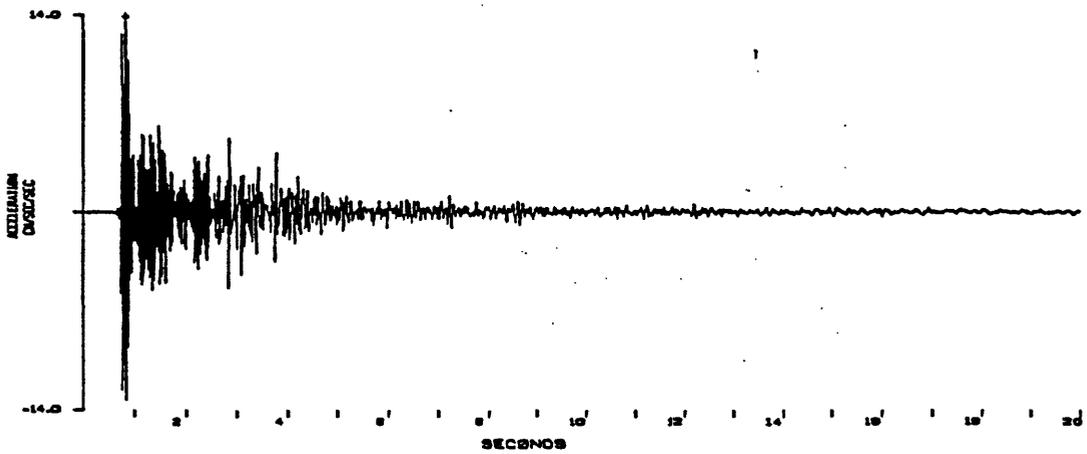
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INSHAKE 10/23/79 011313J UTC, M-3.0
 STATION FRK 000
 5 PERCENT CRITICAL DAMPING



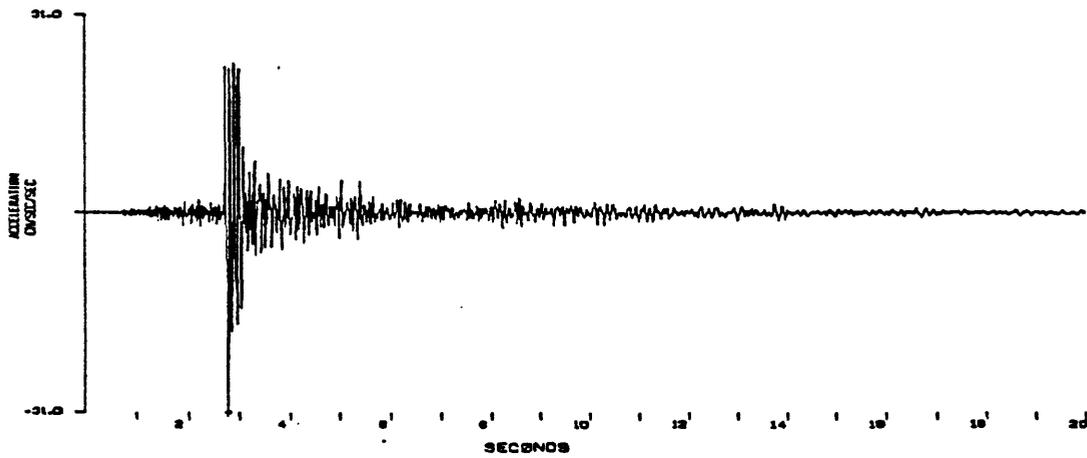
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR INSHAKE 10/23/79 011313J UTC, M-3.0
 STATION FRK 000
 5 PERCENT CRITICAL DAMPING



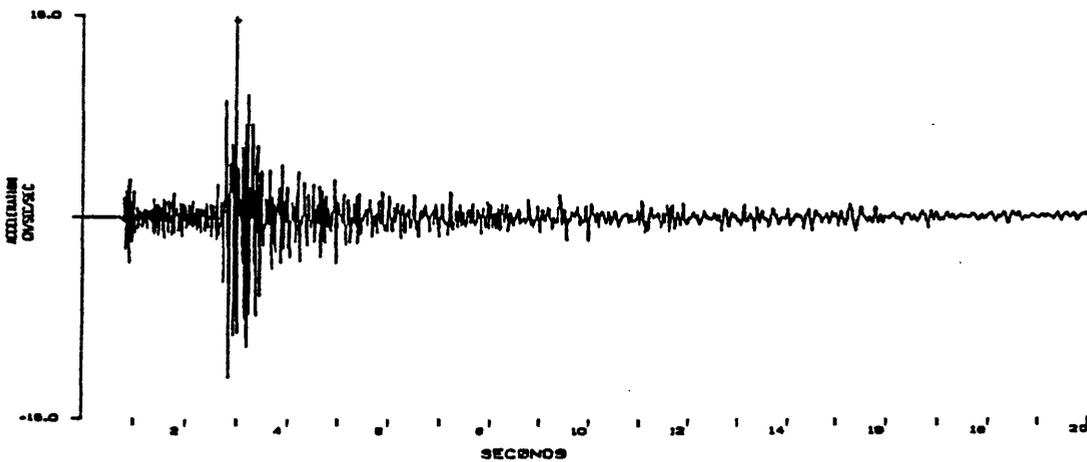
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, VERM



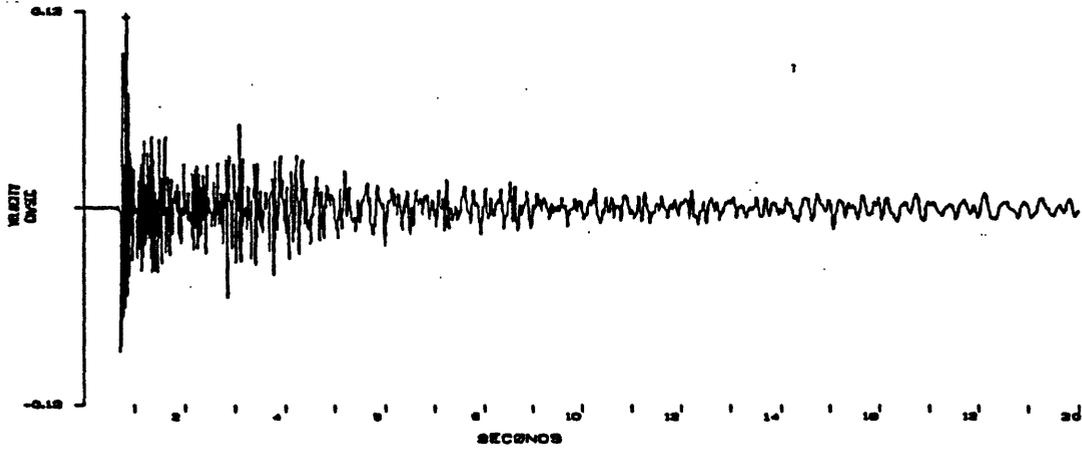
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, DDD



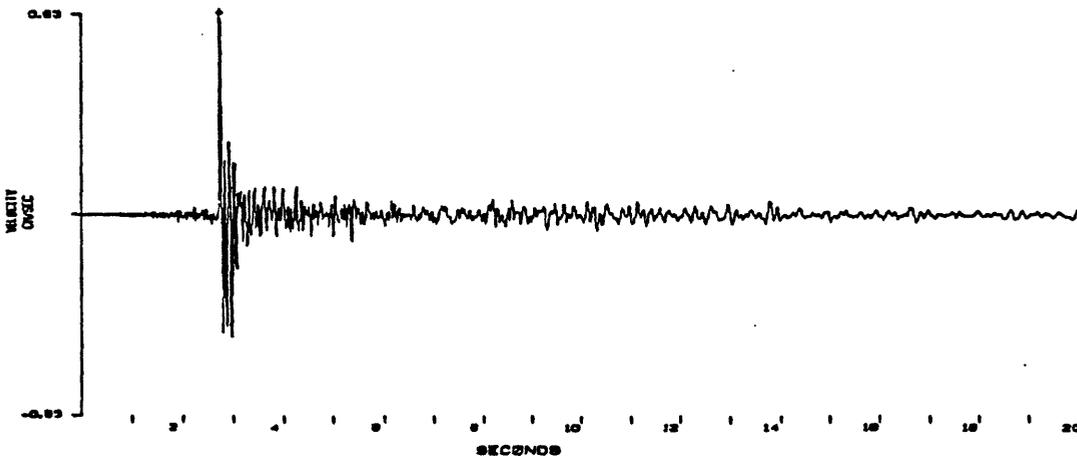
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, 270



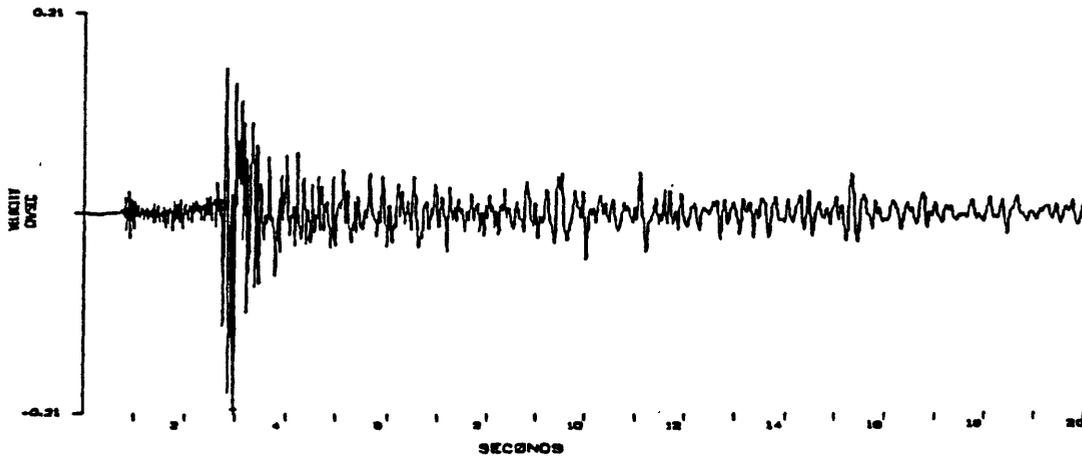
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, VERT



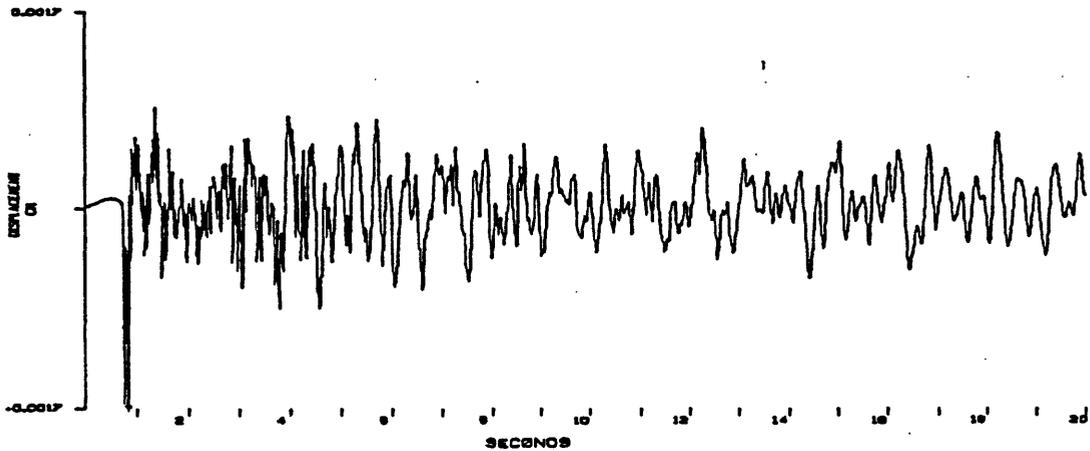
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, D00



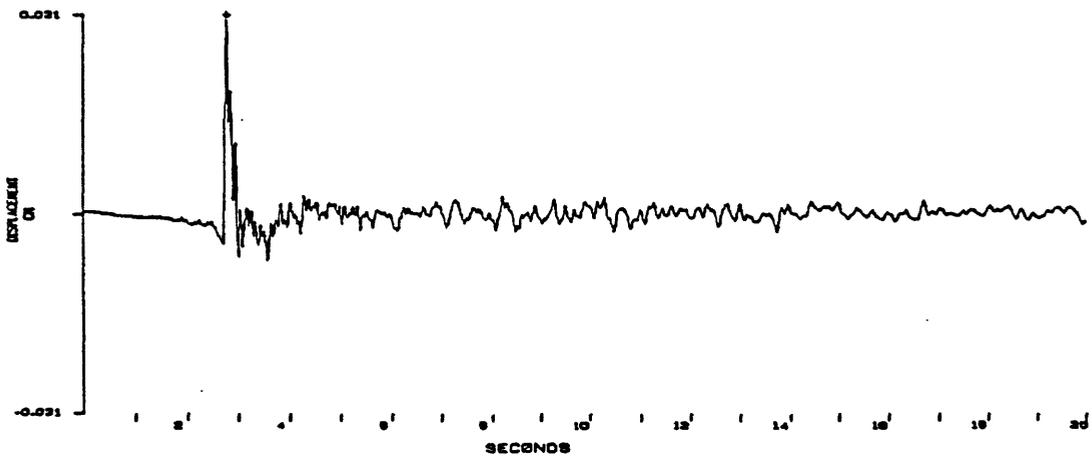
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, 270



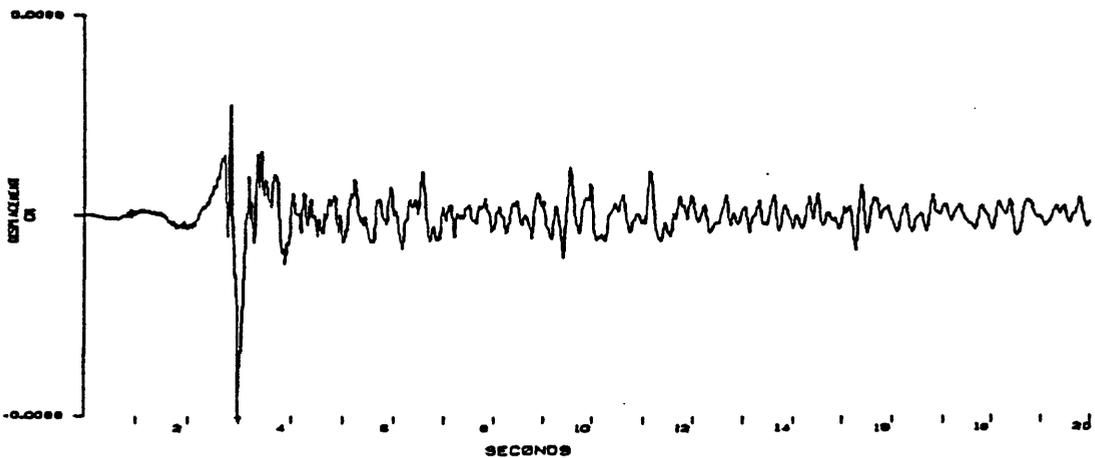
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, VERT



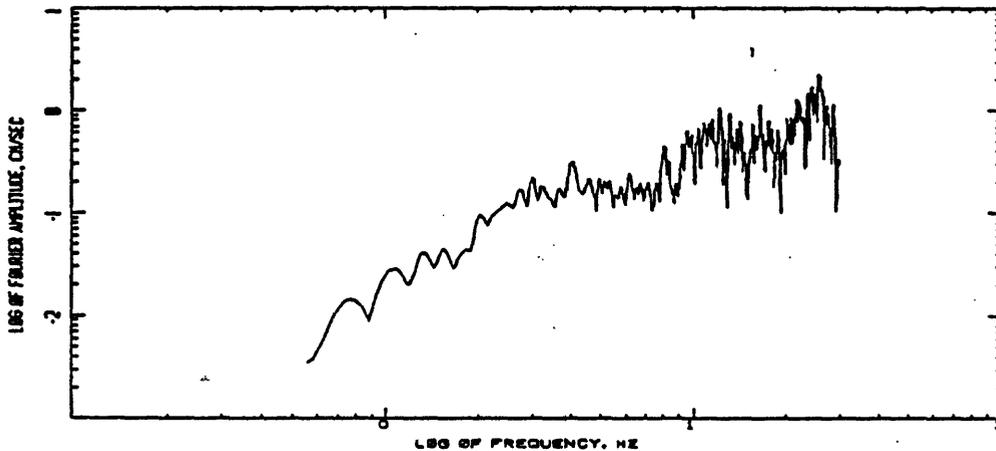
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, 000



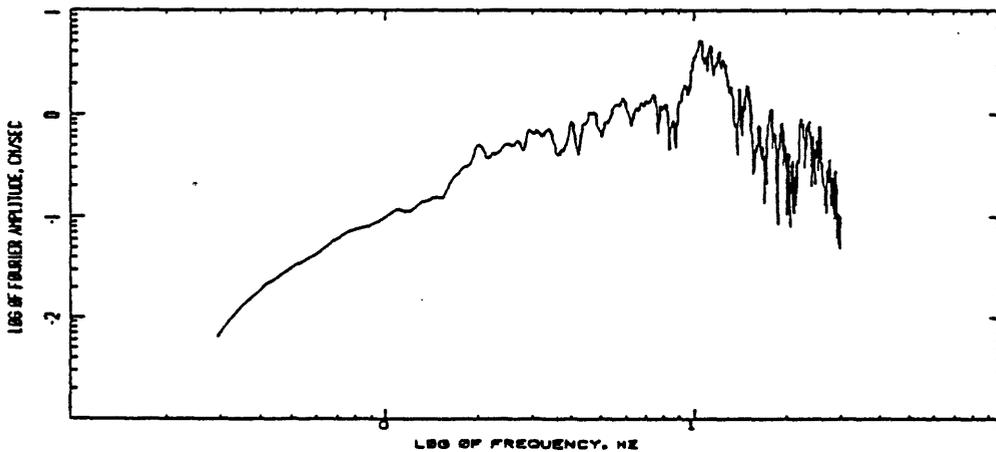
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, 270



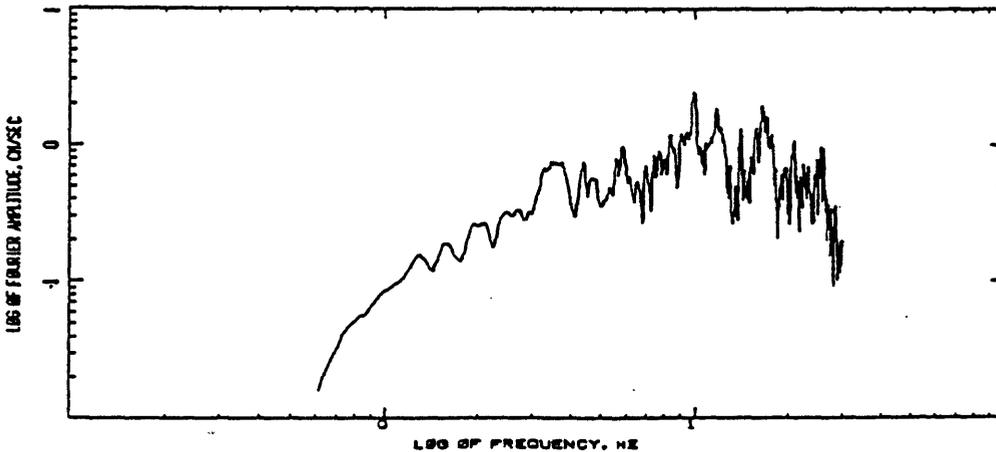
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07:54.15 UTC. ML=3.0
STATION: 107357G, 011315 UTC. ML=3.0
COMPUTING OPTIONS - ZCRSS.SHSBTKIOJ.NNSISE



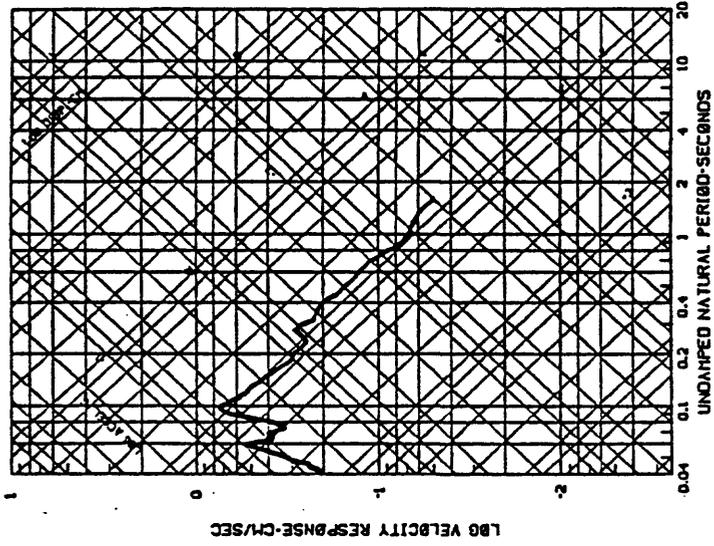
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07:55.70, 011315 UTC. ML=3.0
STATION: 107357G, 011315 UTC. ML=3.0
COMPUTING OPTIONS - ZCRSS.SHSBTKIOJ.NNSISE



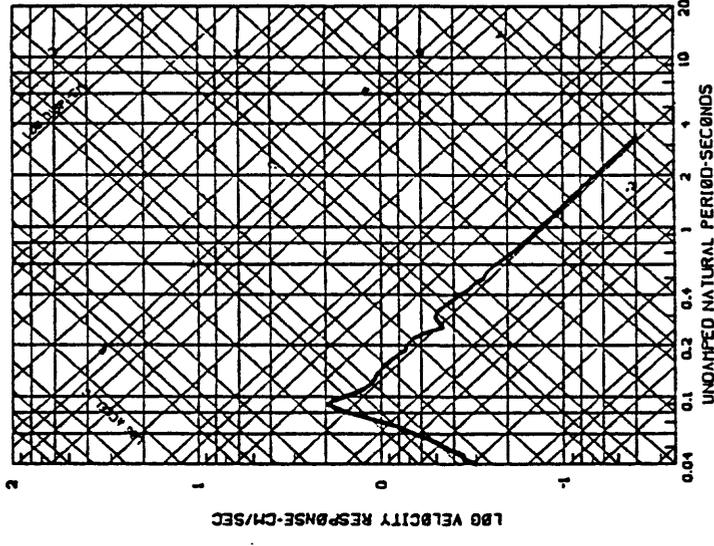
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07:57.0, 011315 UTC. ML=3.0
STATION: 107357G, 011315 UTC. ML=3.0
COMPUTING OPTIONS - ZCRSS.SHSBTKIOJ.NNSISE



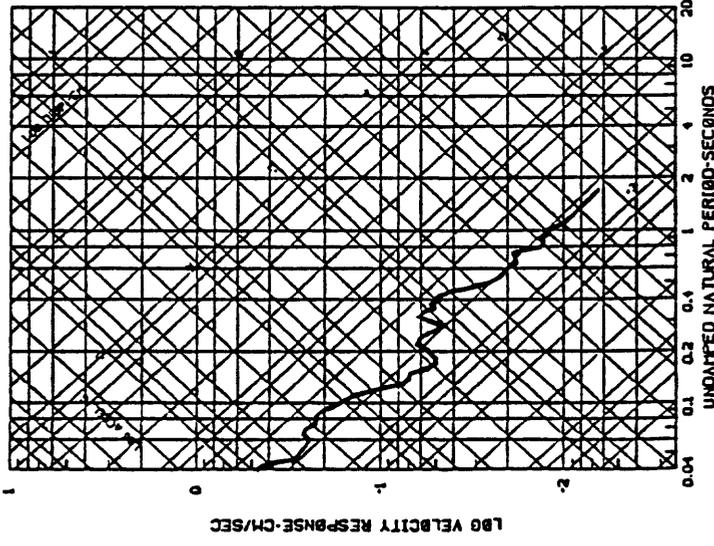
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/23/79 01:13:13 UTC, ML-3.0
 STATION PER 70
 5 PERCENT CRITICAL DAMPING



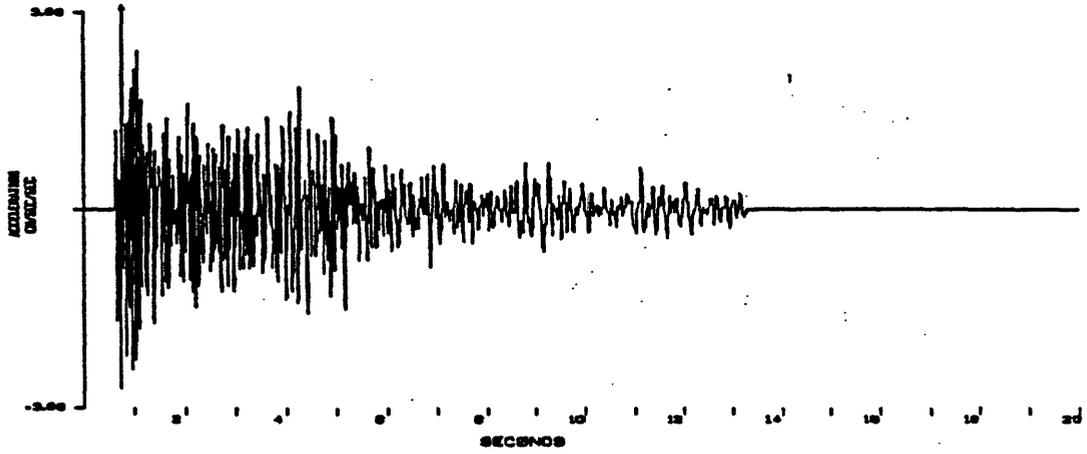
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/23/79 01:13:13 UTC, ML-3.0
 STATION PER 000
 5 PERCENT CRITICAL DAMPING



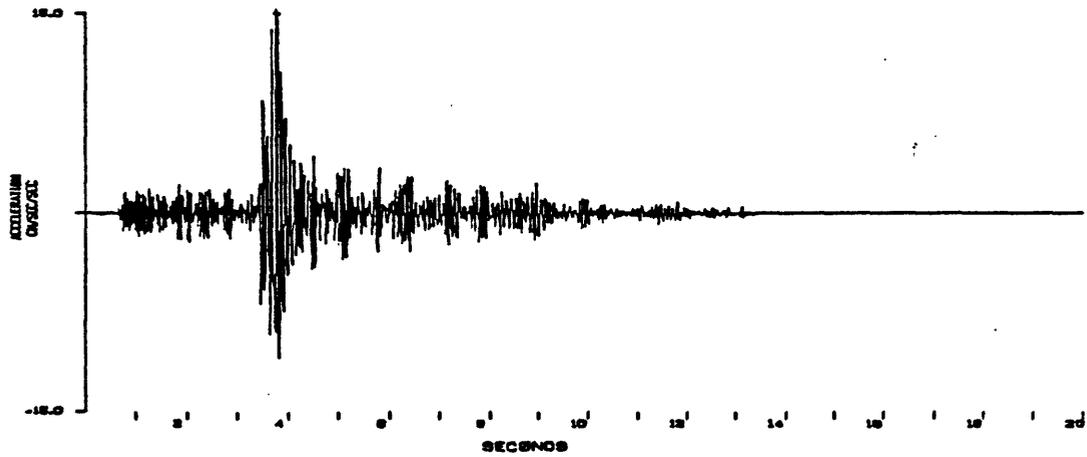
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/23/79 01:13:13 UTC, ML-3.0
 STATION PER 100
 5 PERCENT CRITICAL DAMPING



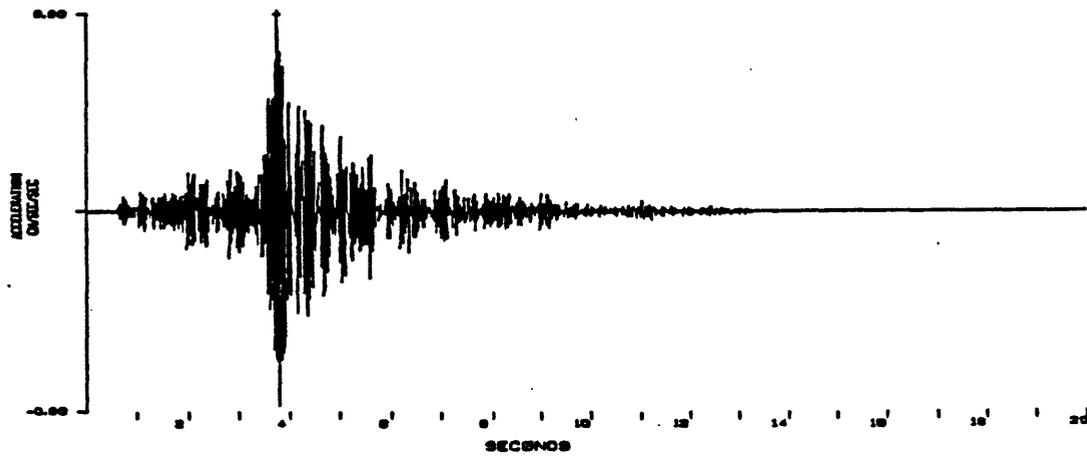
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 342, VERT



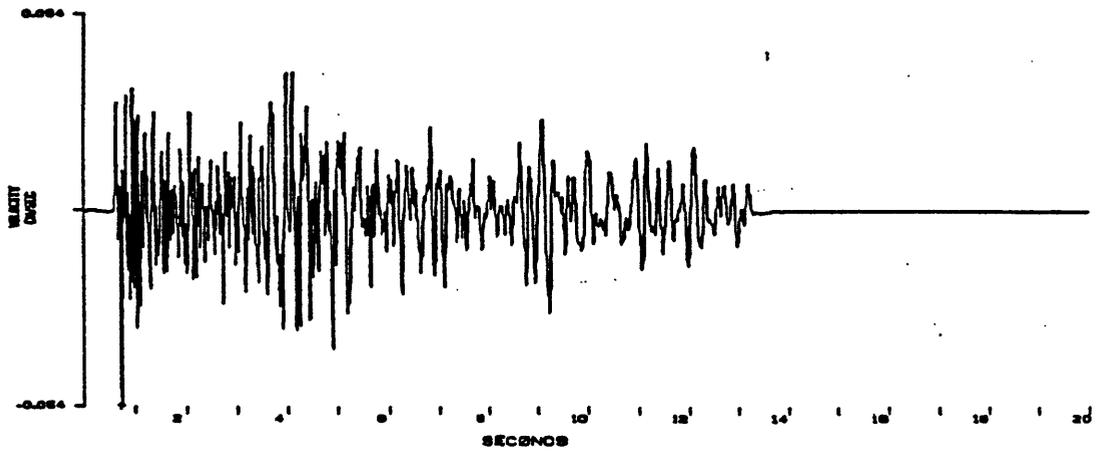
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 342, HOR



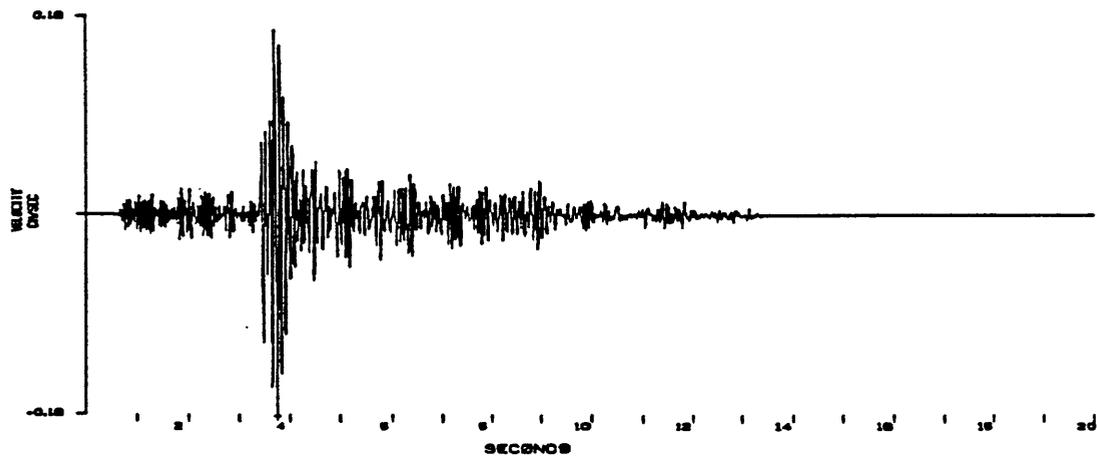
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 342, 370



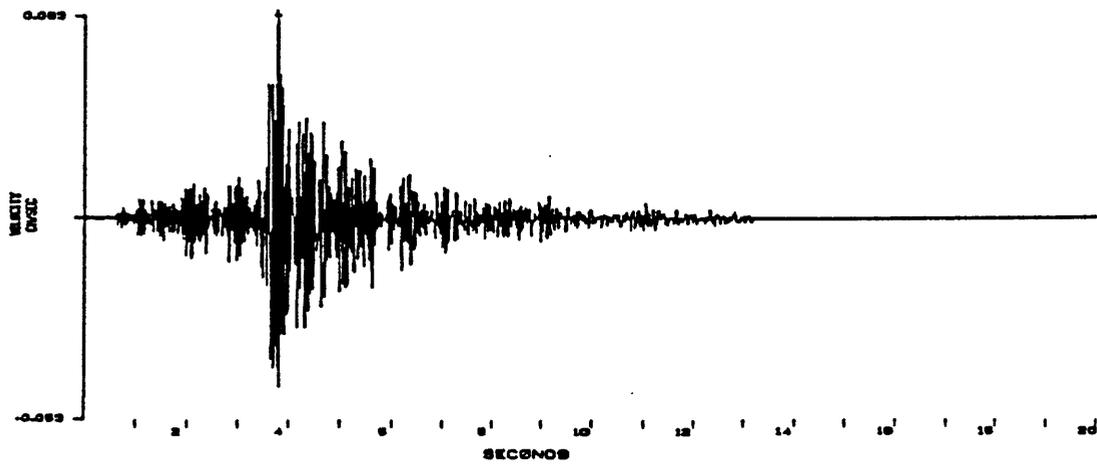
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR8, VENT



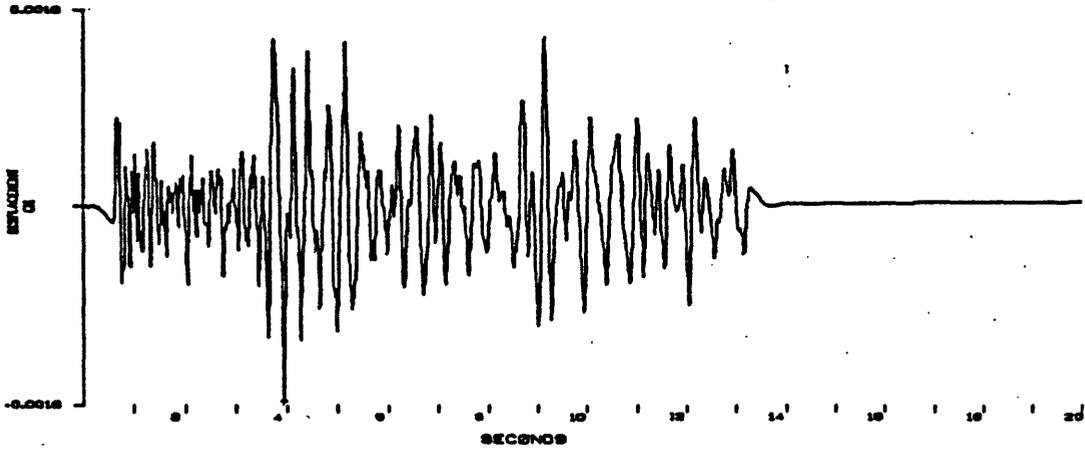
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR8, SBO



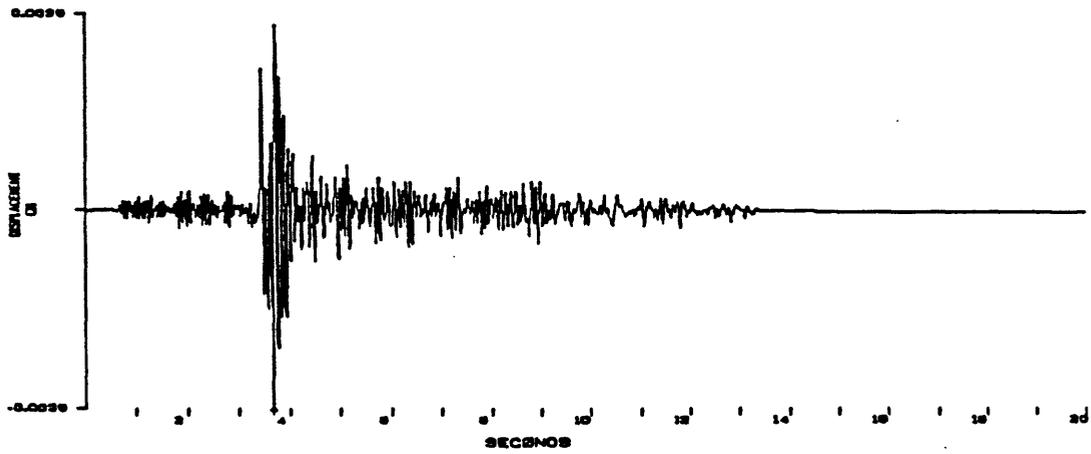
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR8, S70



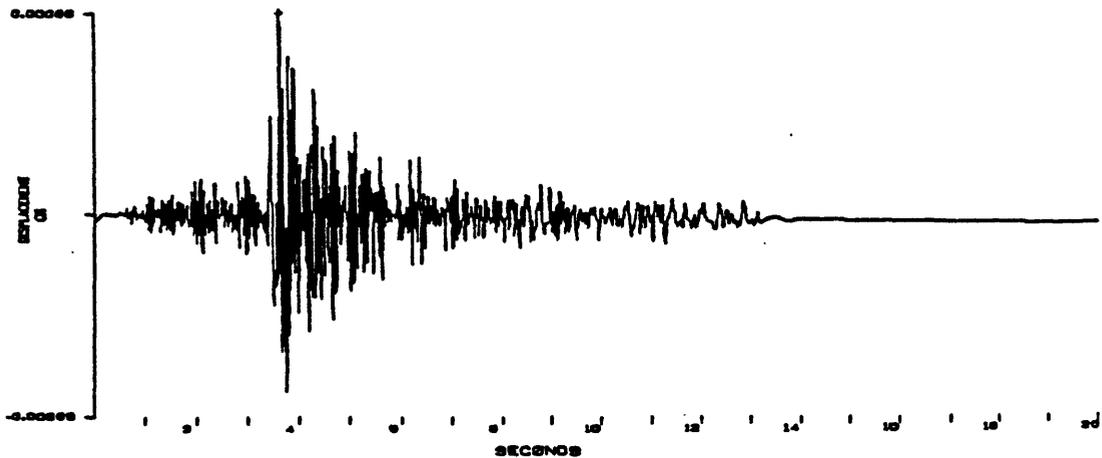
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SAC, VENT



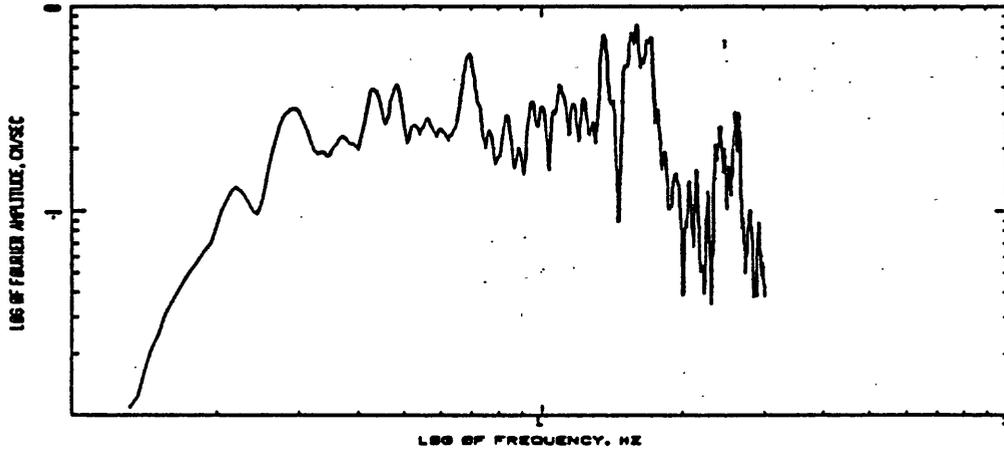
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SAC, DDD



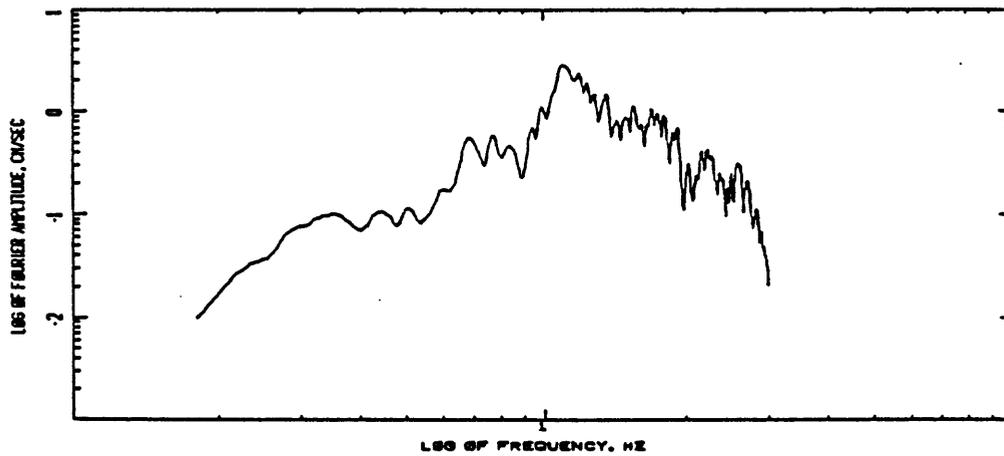
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SAC, 20



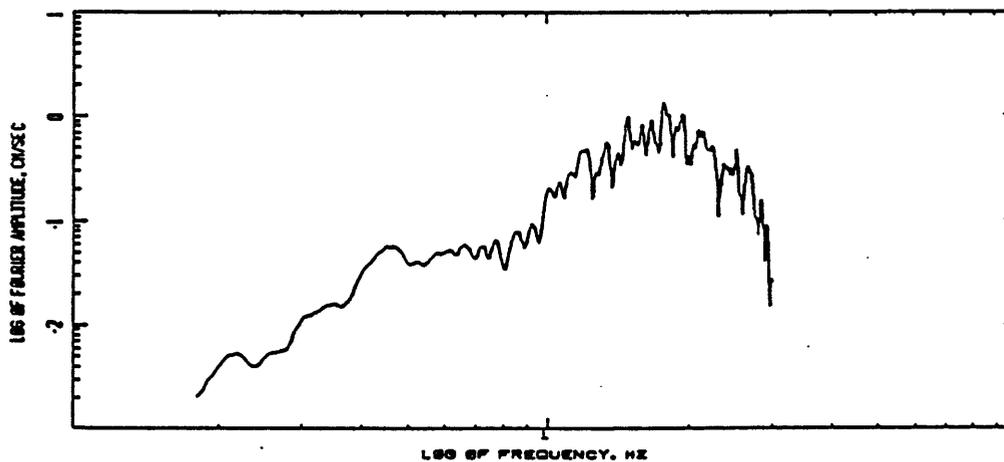
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:15:15 UTC, ME-3.0
STATION 345, 000
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONSISE



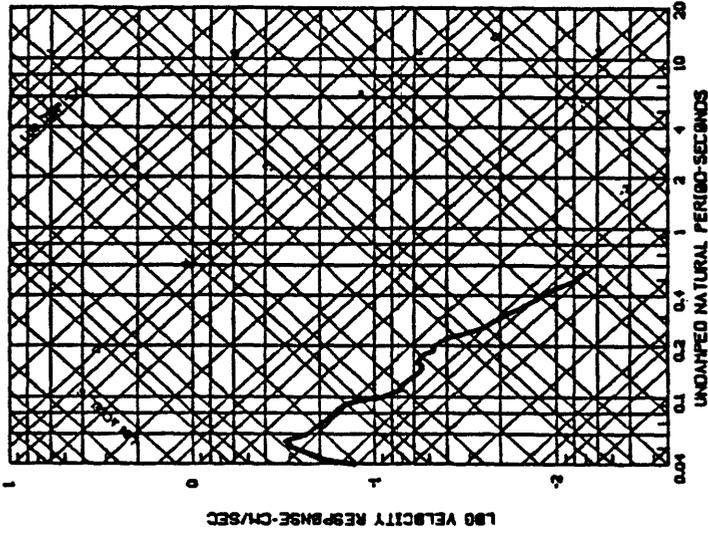
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:15:15 UTC, ME-3.0
STATION 345, 000
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONSISE



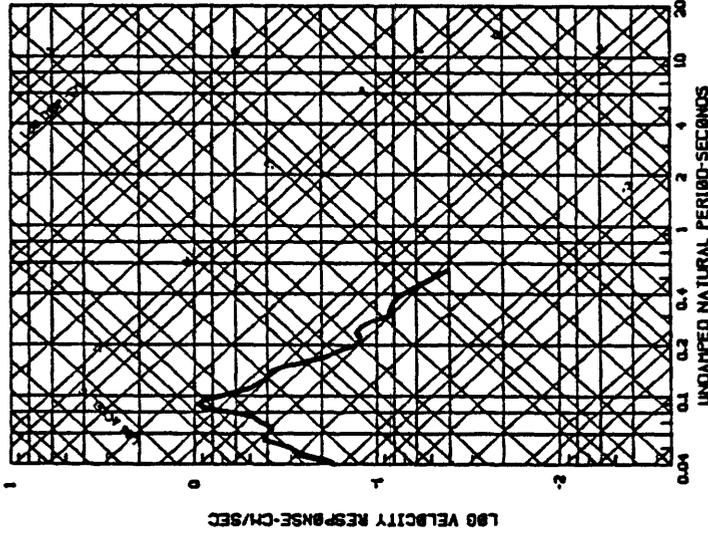
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:15:15 UTC, ME-3.0
STATION 345, 000
COMPUTING OPTIONS- ZCRSS, SMOOTHIO, NONSISE



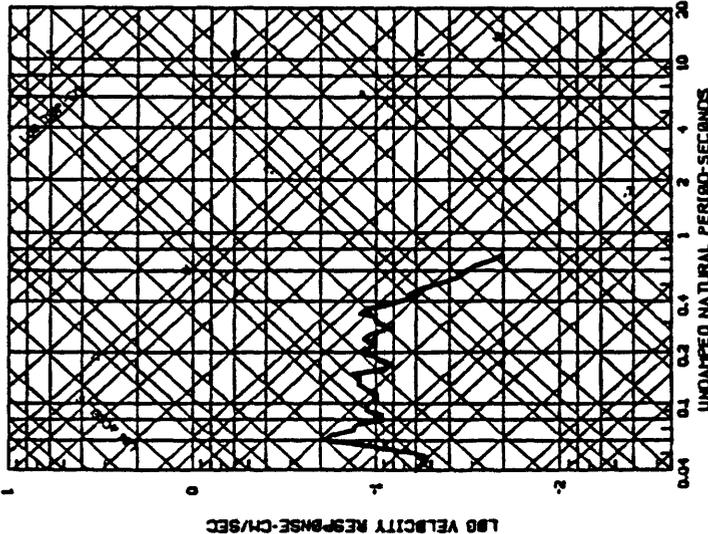
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/92, 0.1383 D/C, H=3.0
 5 PERCENT CRITICAL DAMPING



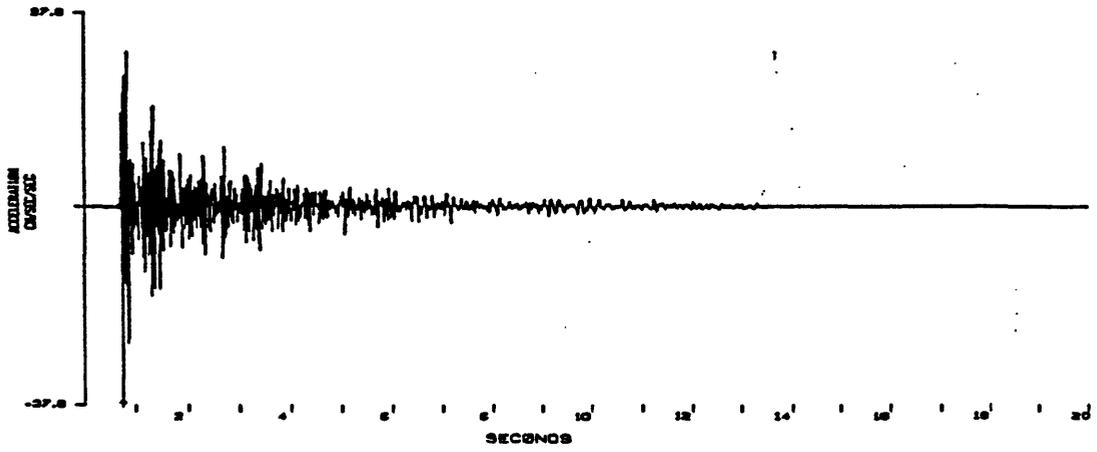
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/92, 0.1383 D/C, H=3.0
 5 PERCENT CRITICAL DAMPING



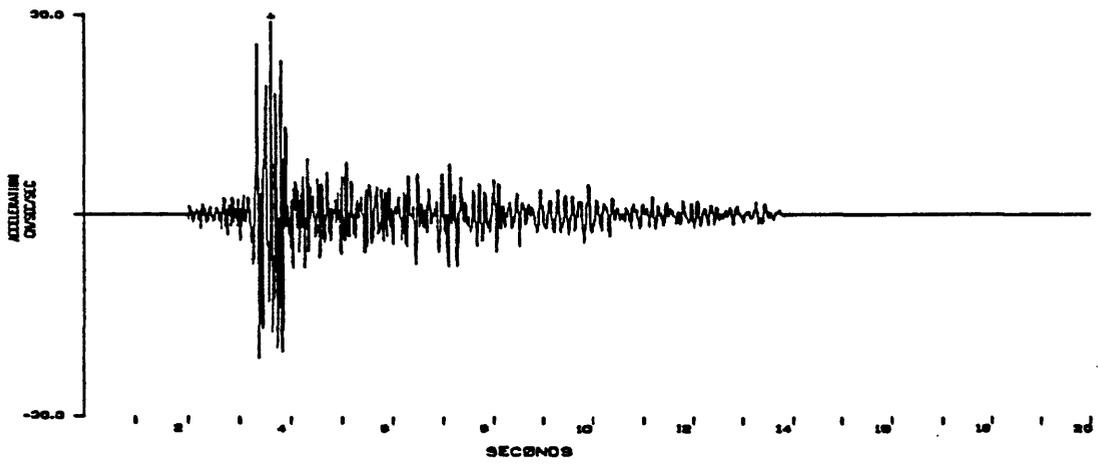
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/92, 0.1383 D/C, H=3.0
 5 PERCENT CRITICAL DAMPING



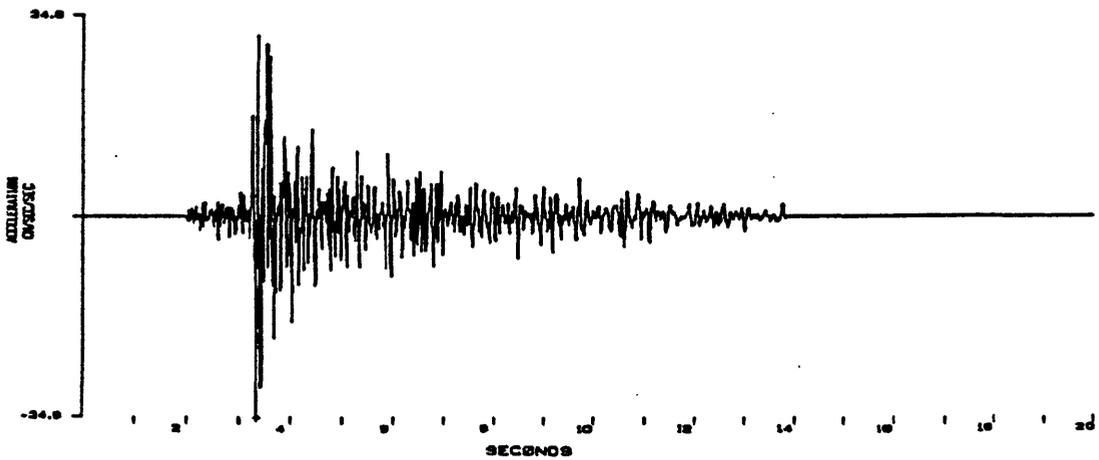
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION NRS, VERT



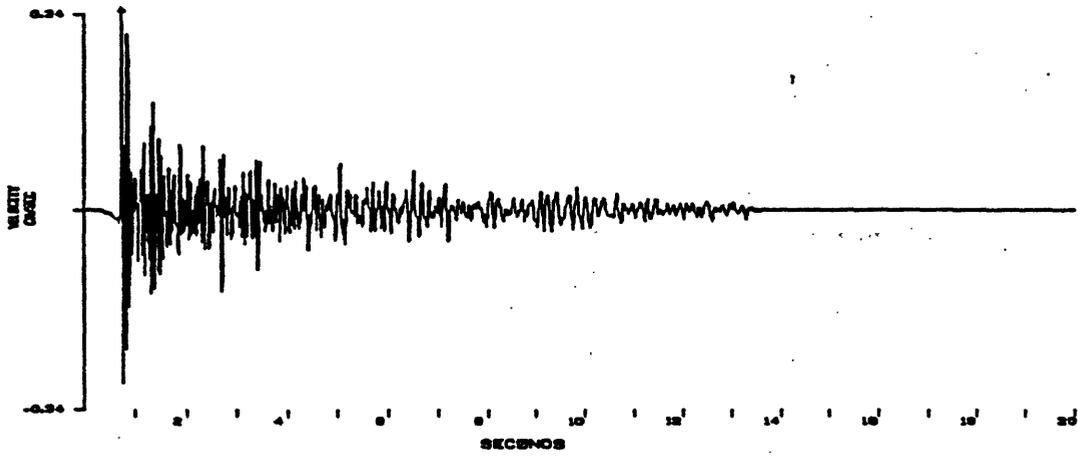
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION NRS, 270



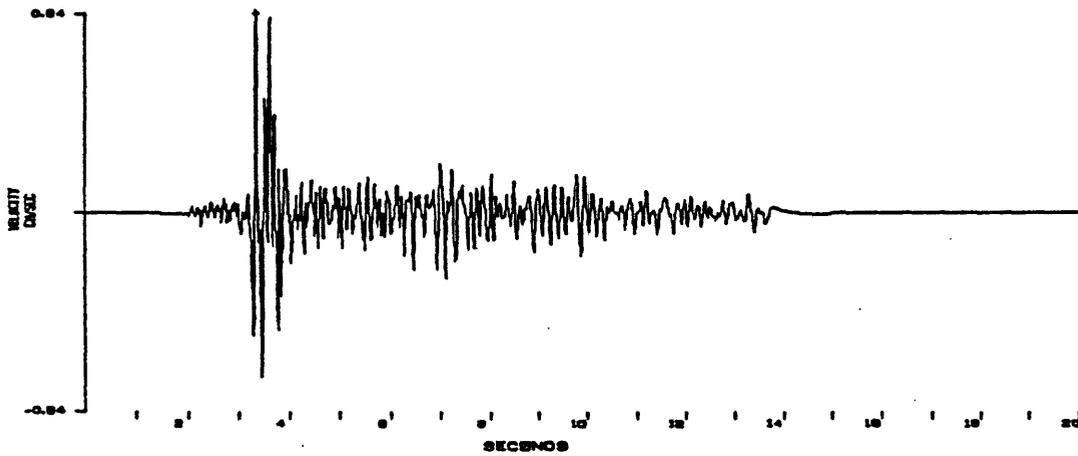
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION NRS, 000



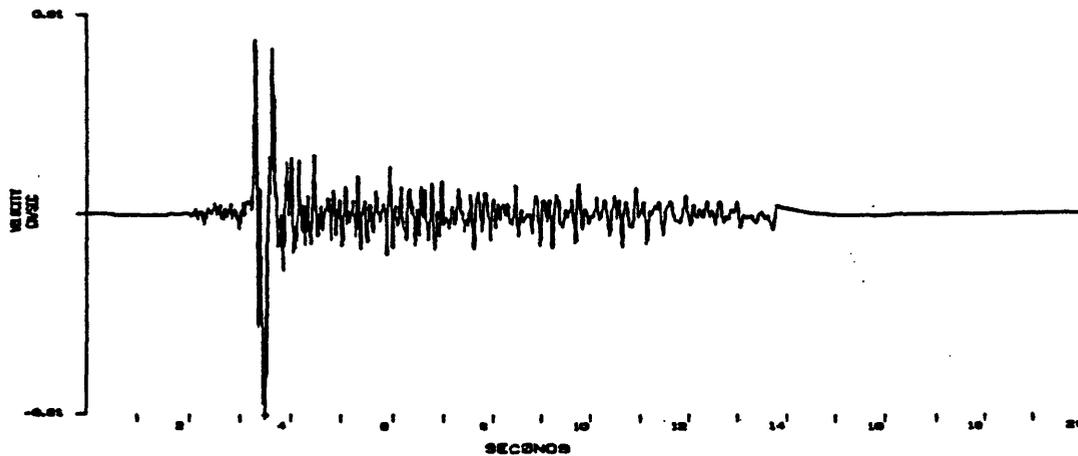
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, VERT



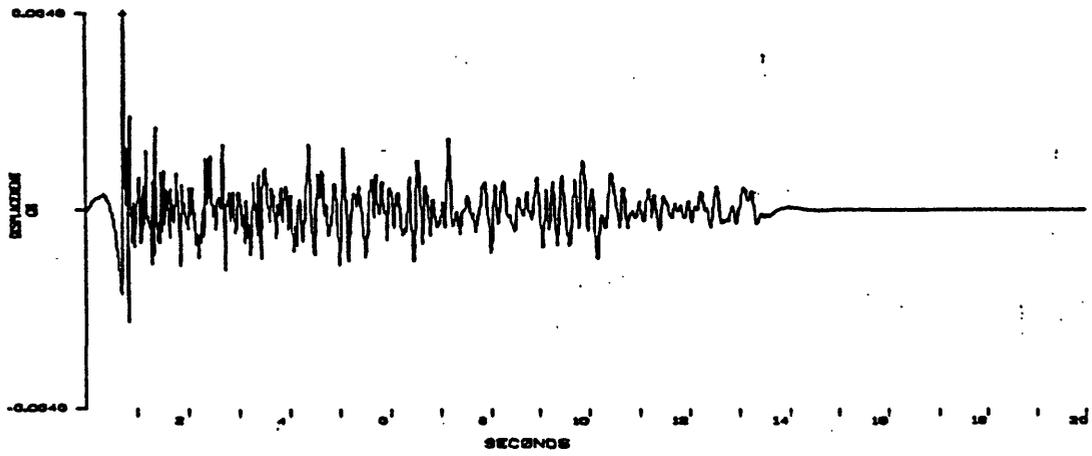
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, 270



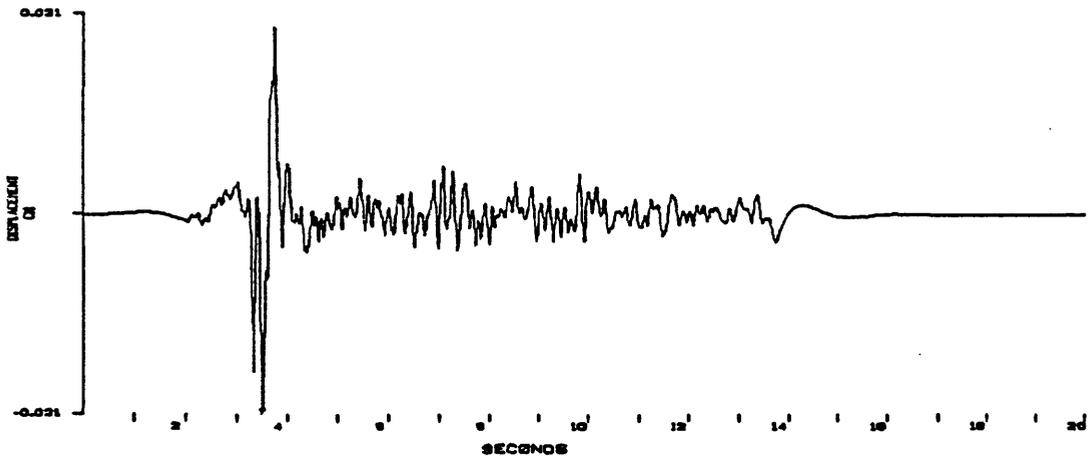
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, 330



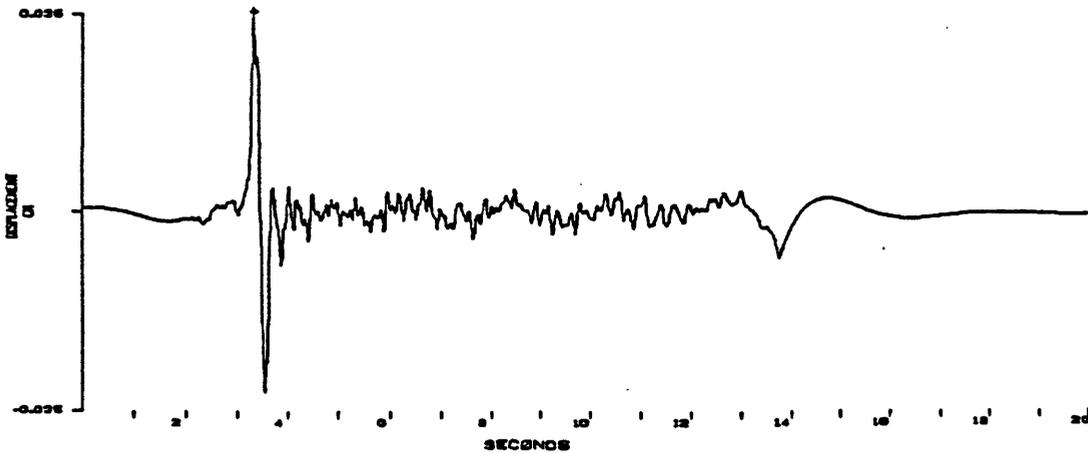
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. VERT



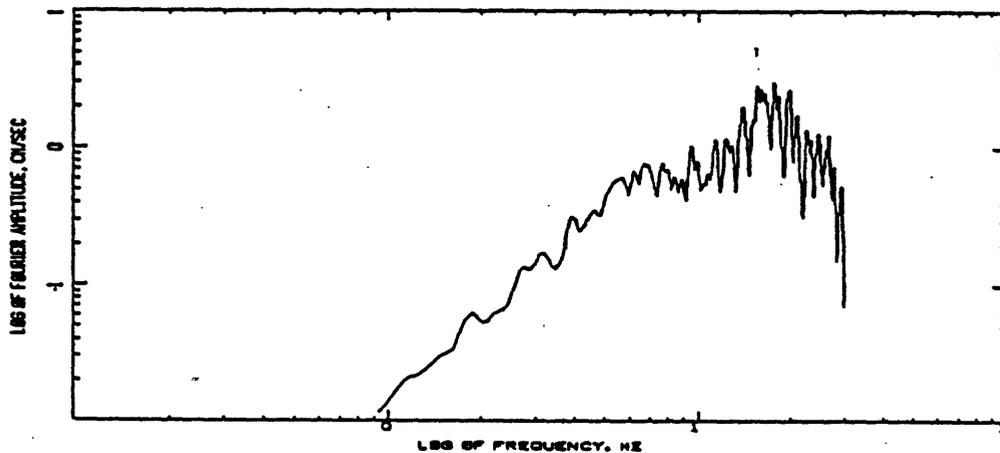
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. 270



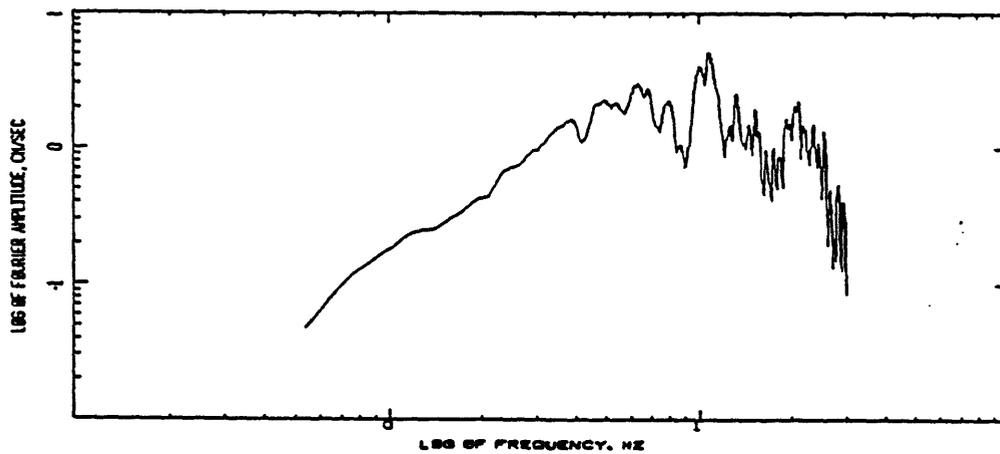
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. 148



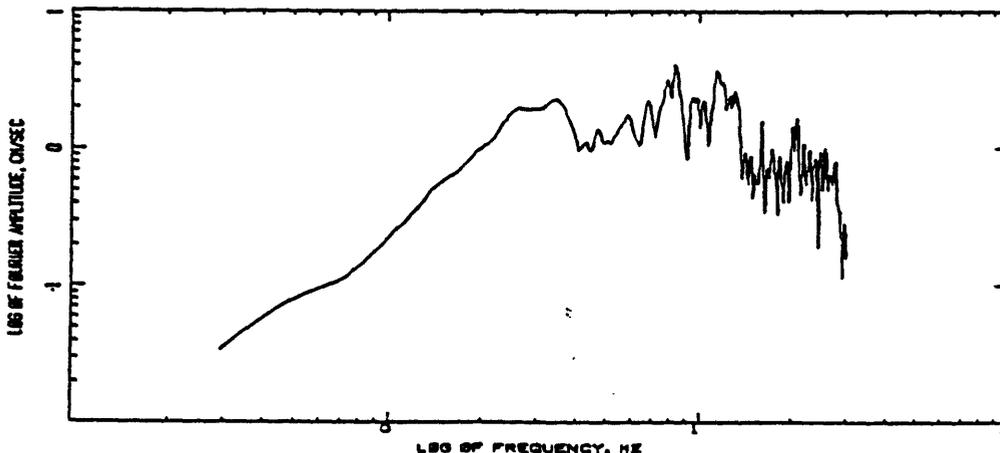
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/52, 04.15:15 UTC, MC-3.0
COMPUTING OPTIONS - ZCRSS,SHOETHKIO,NSNSISE



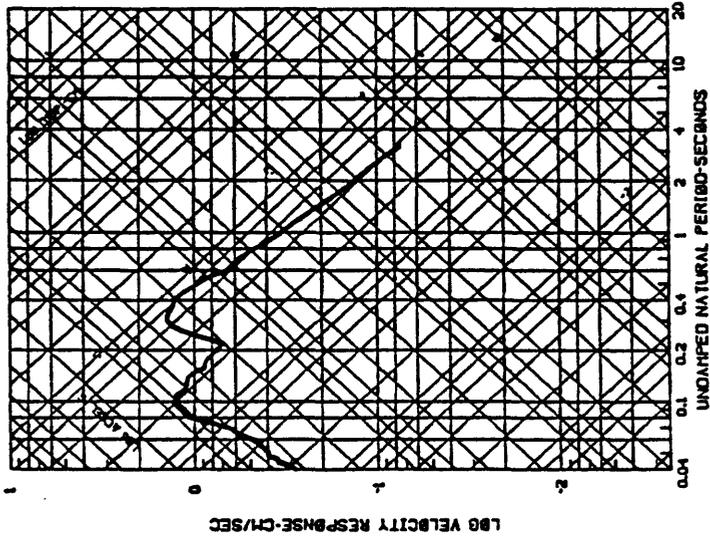
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/52, 04.15:15 UTC, MC-3.0
COMPUTING OPTIONS - ZCRSS,SHOETHKIO,NSNSISE



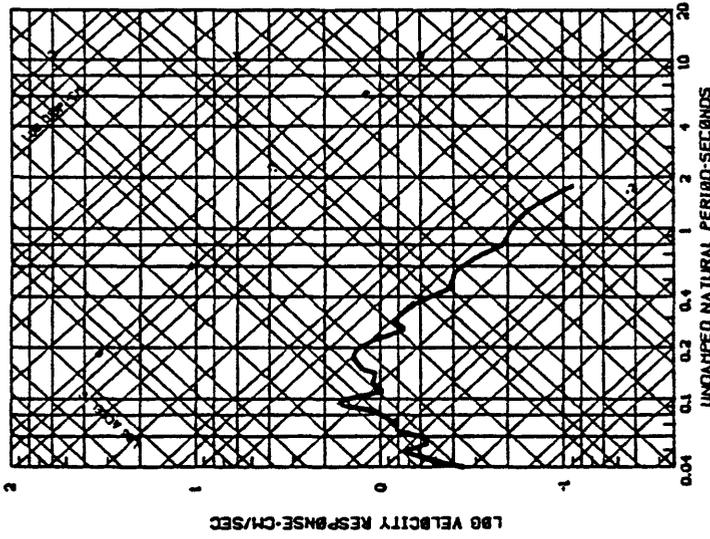
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 10/18/52, 04.15:15 UTC, MC-3.0
COMPUTING OPTIONS - ZCRSS,SHOETHKIO,NSNSISE



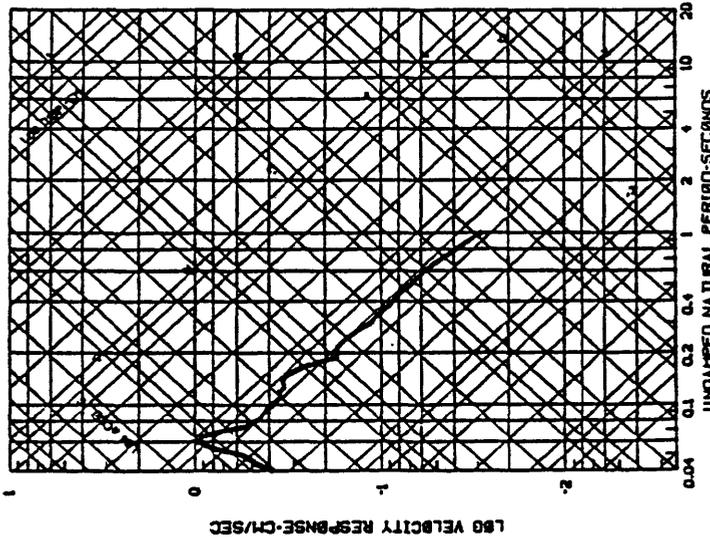
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 195, VER
 5 PERCENT CRITICAL DAMPING



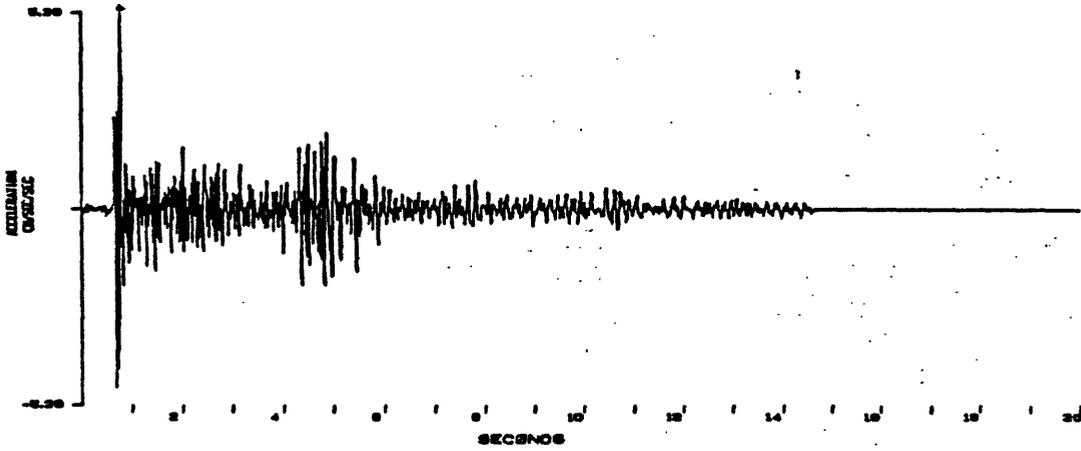
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 195, 270
 5 PERCENT CRITICAL DAMPING



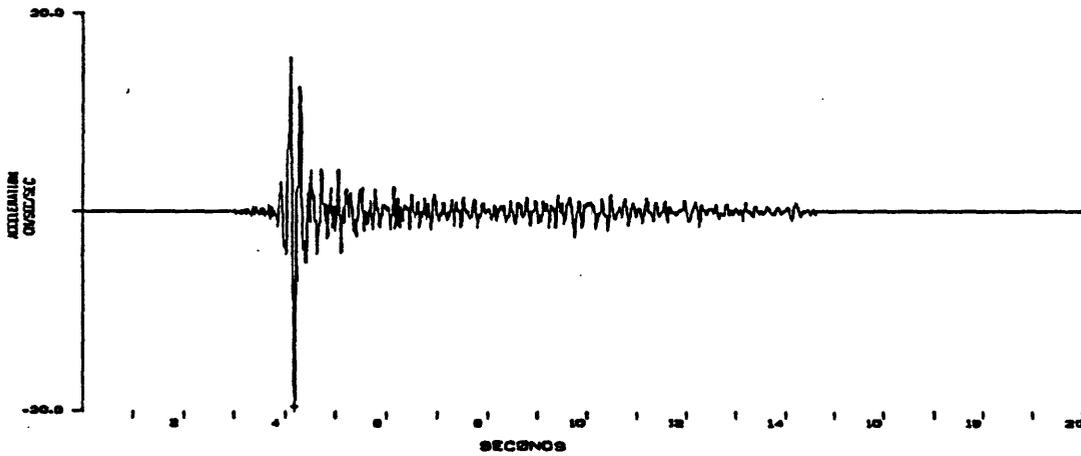
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 195, VER
 5 PERCENT CRITICAL DAMPING



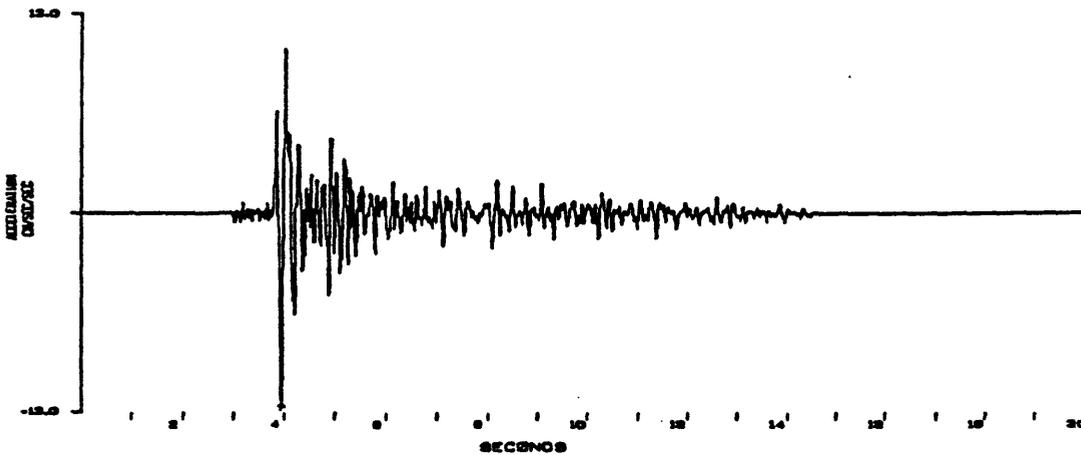
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JHE, VERT



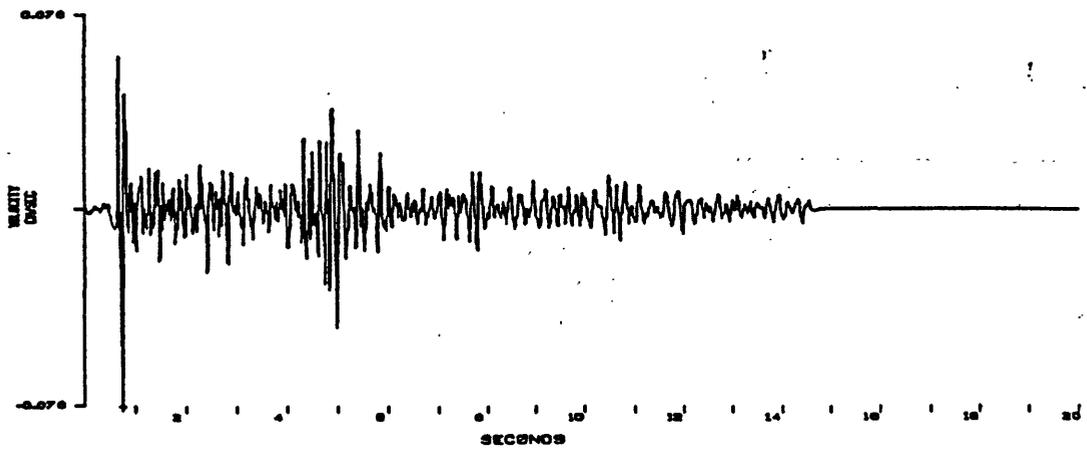
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JHE, SW



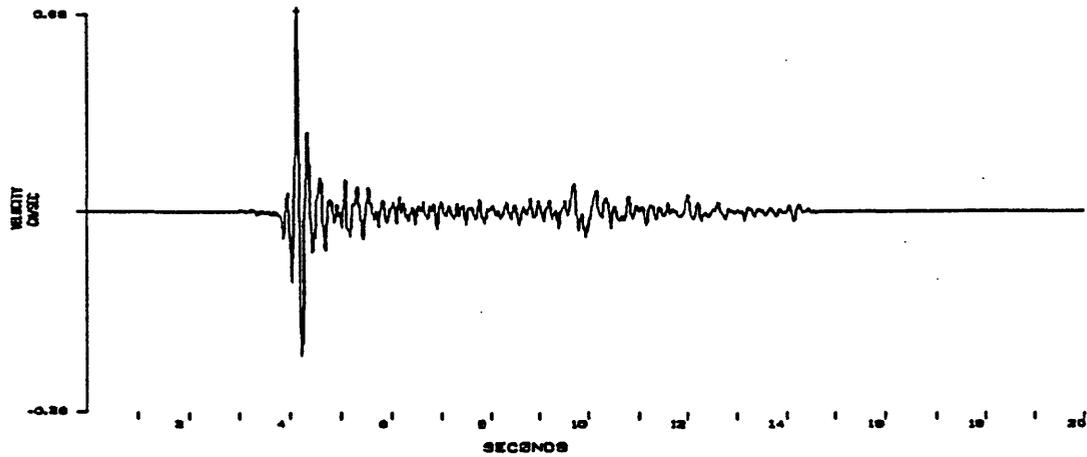
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JHE, SW



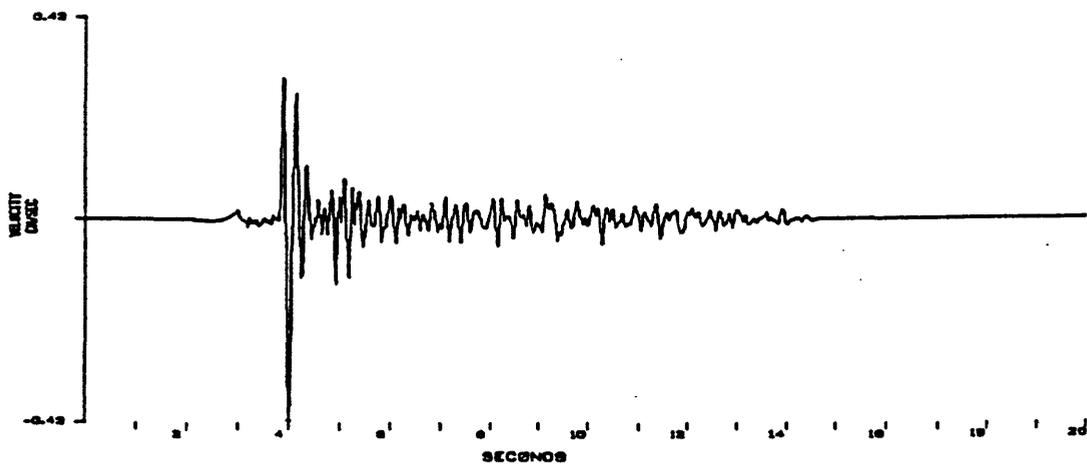
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JMS, V24



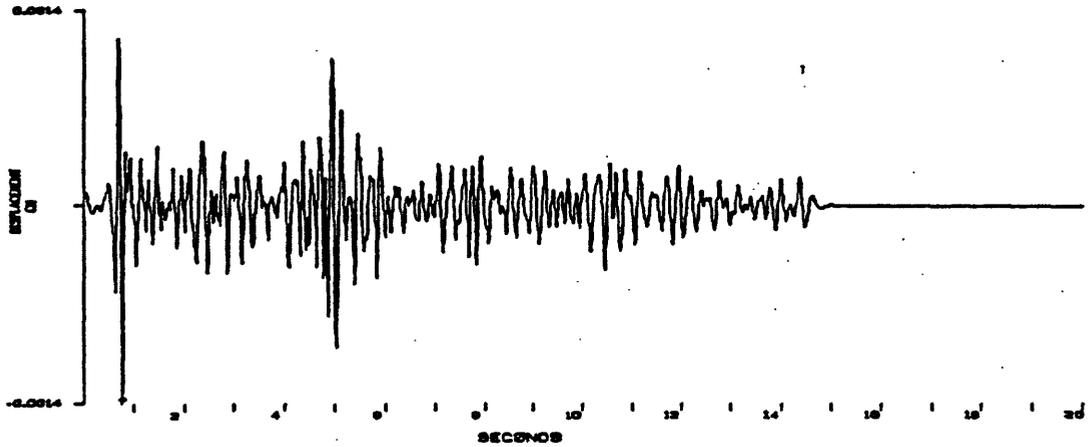
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JMS, V25



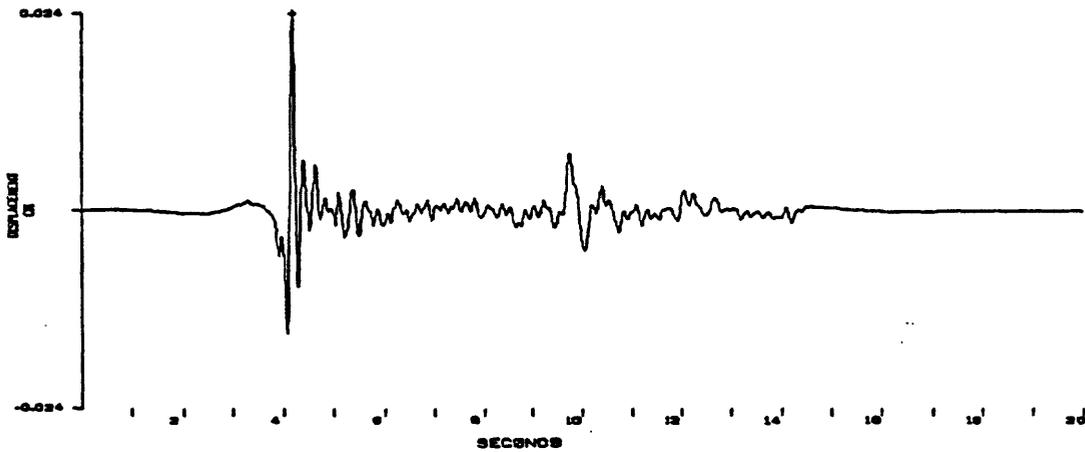
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION JMS, D00



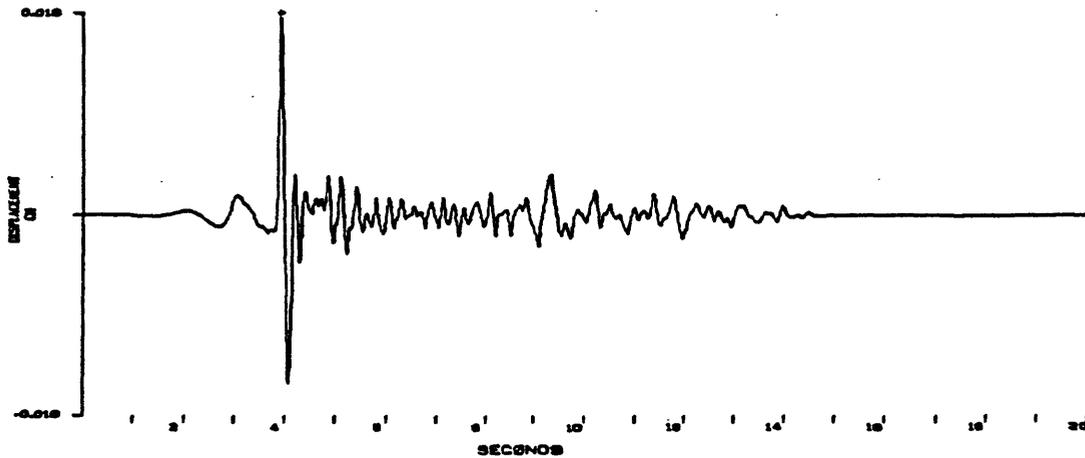
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 374, VERT



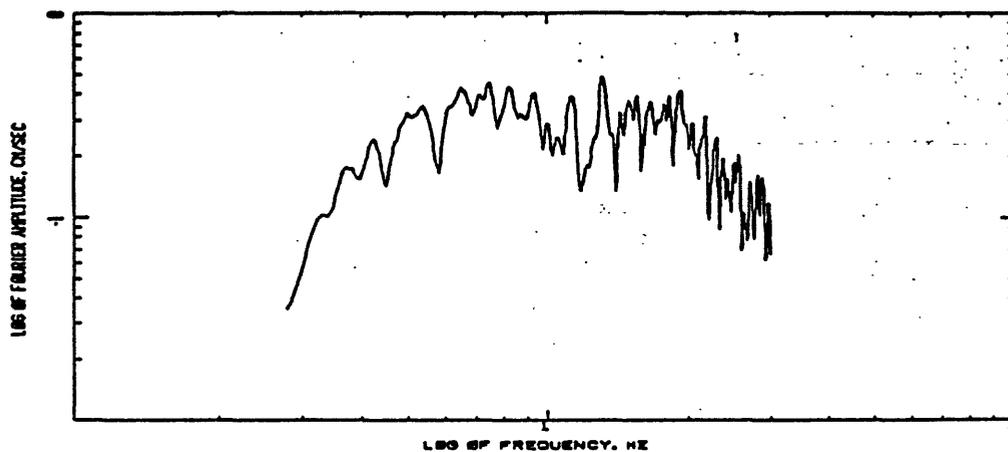
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 374, 270



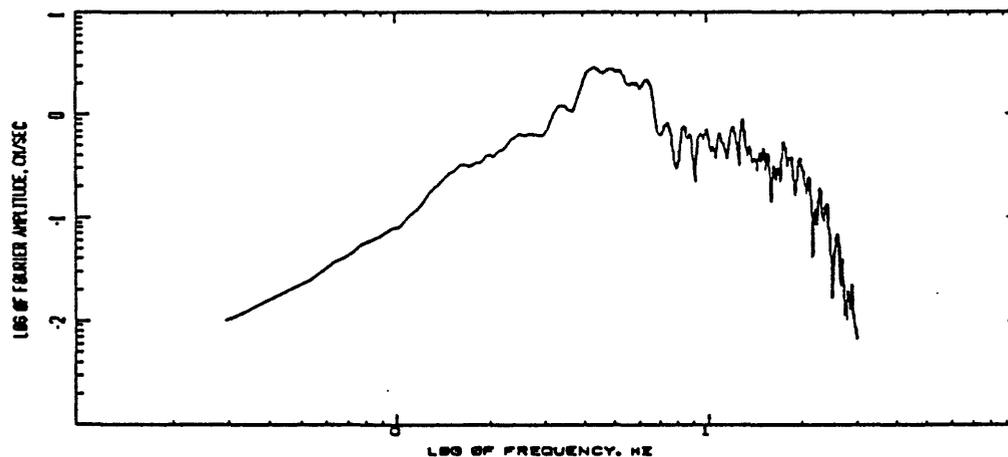
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 374, 000



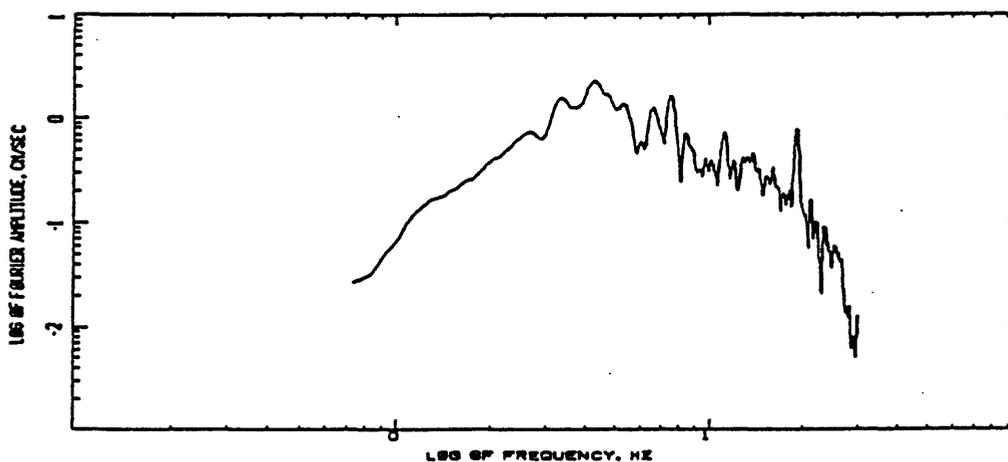
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07/23/76, 05:15:15 UTC, MC-3.0
STATION: IMS, 000
COMPUTING OPTIONS: ZCRSS,SHSSTKIO,NSNSIE



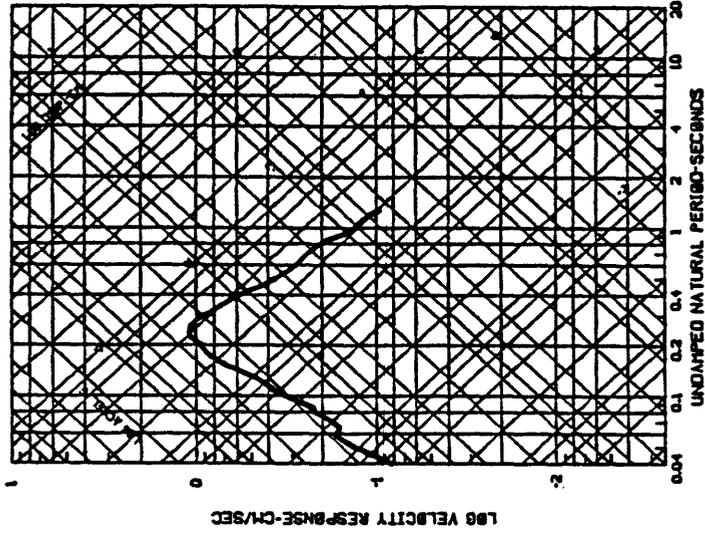
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07/23/76, 05:15:15 UTC, MC-3.0
STATION: IMS, 000
COMPUTING OPTIONS: ZCRSS,SHSSTKIO,NSNSIE



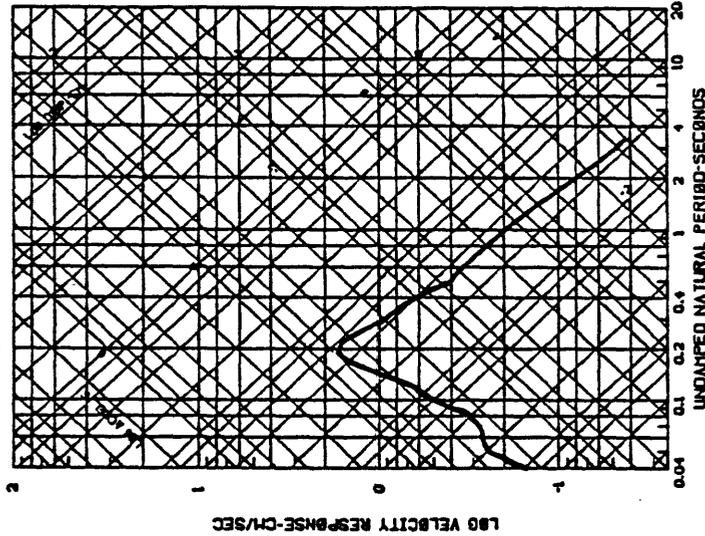
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE - 07/23/76, 05:15:15 UTC, MC-3.0
STATION: IMS, 000
COMPUTING OPTIONS: ZCRSS,SHSSTKIO,NSNSIE



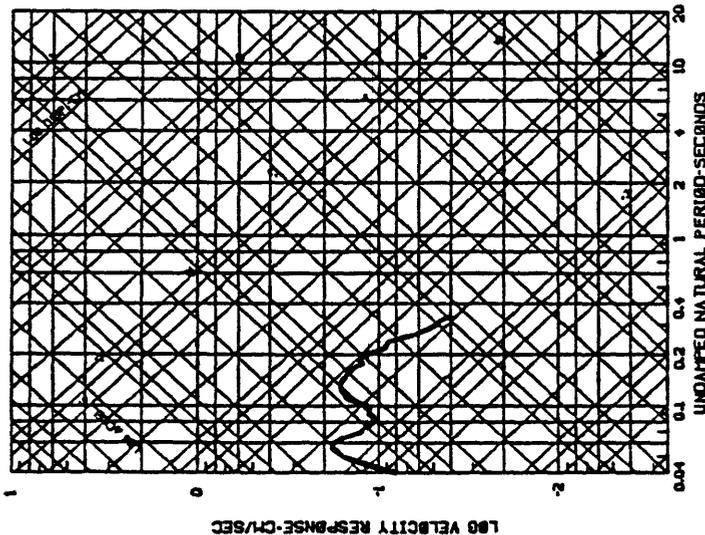
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13533 GIC, NL-3-D
 5 PERCENT CRITICAL DAMPING



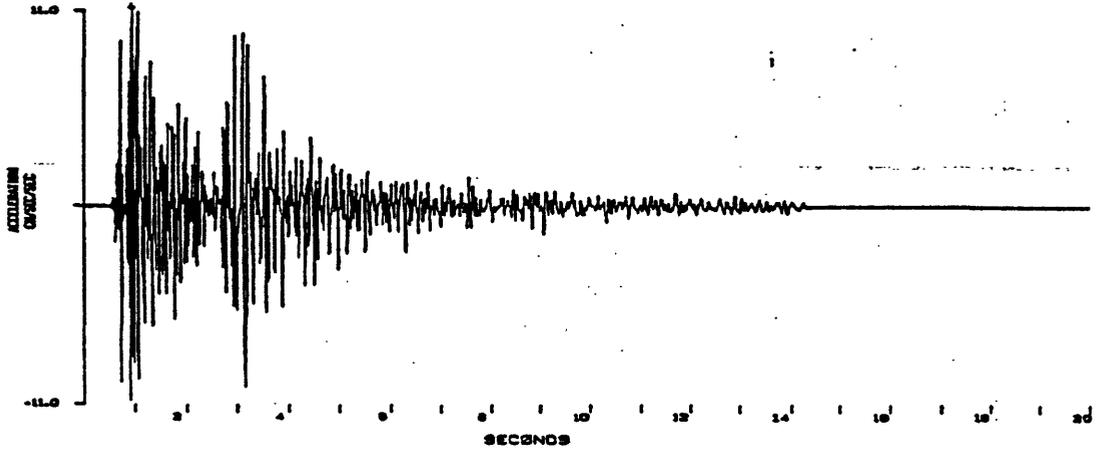
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13533 GIC, NL-3-D
 5 PERCENT CRITICAL DAMPING



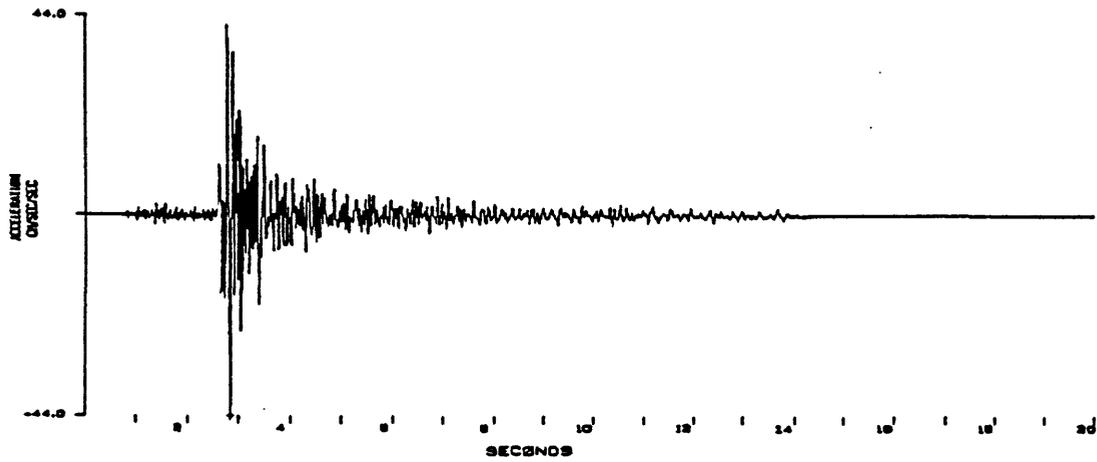
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13533 GIC, NL-3-D
 5 PERCENT CRITICAL DAMPING



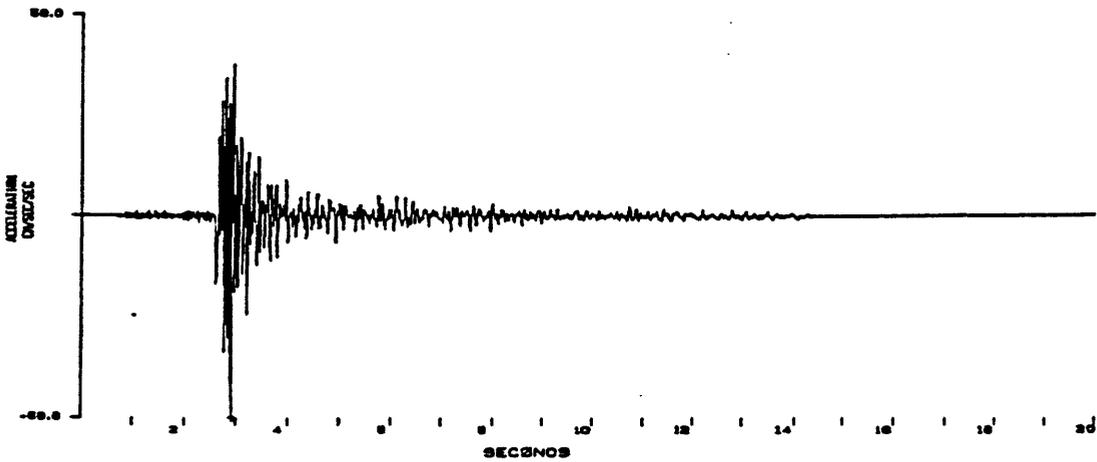
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION XVR, VERT



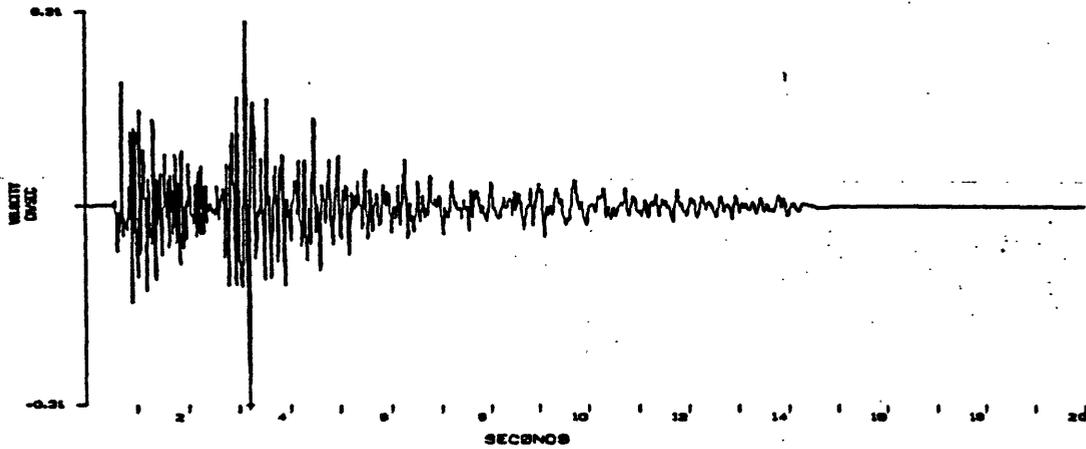
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION XVR, 290



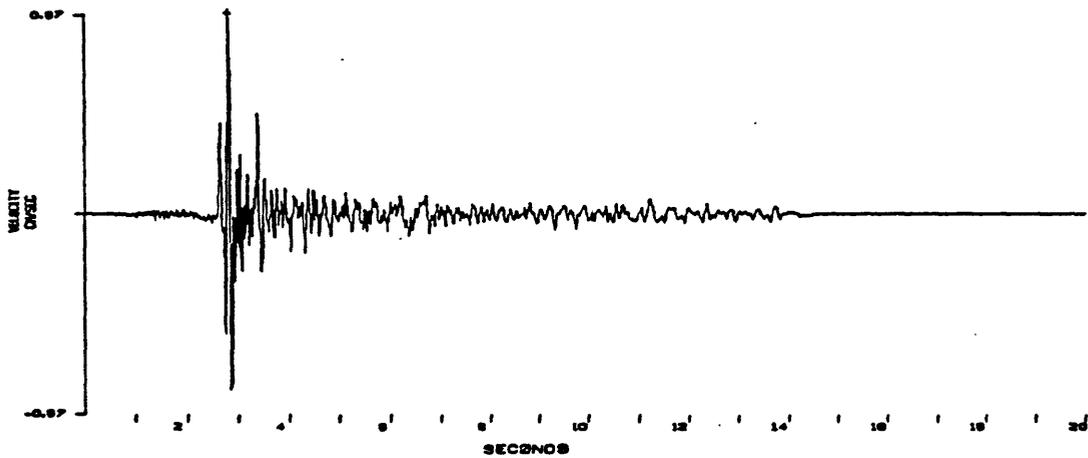
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION XVR, 000



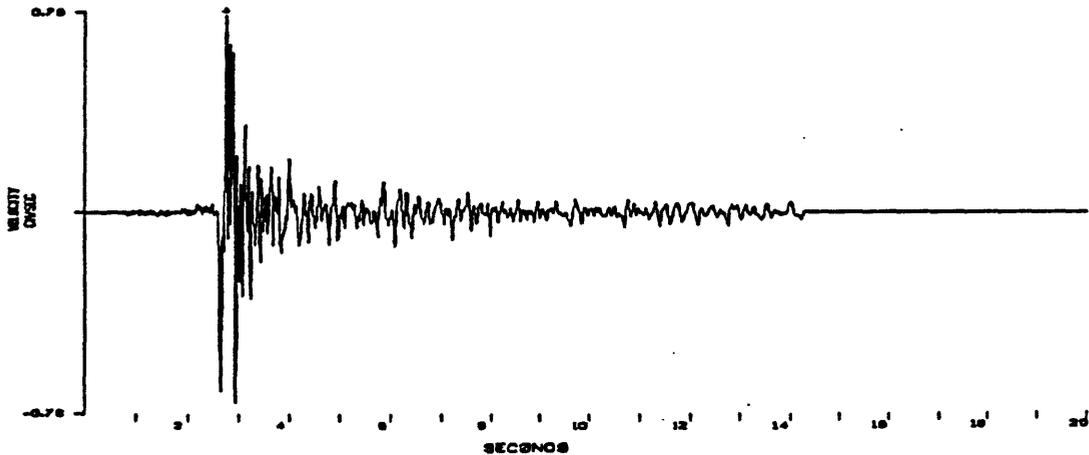
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KYR, EXT



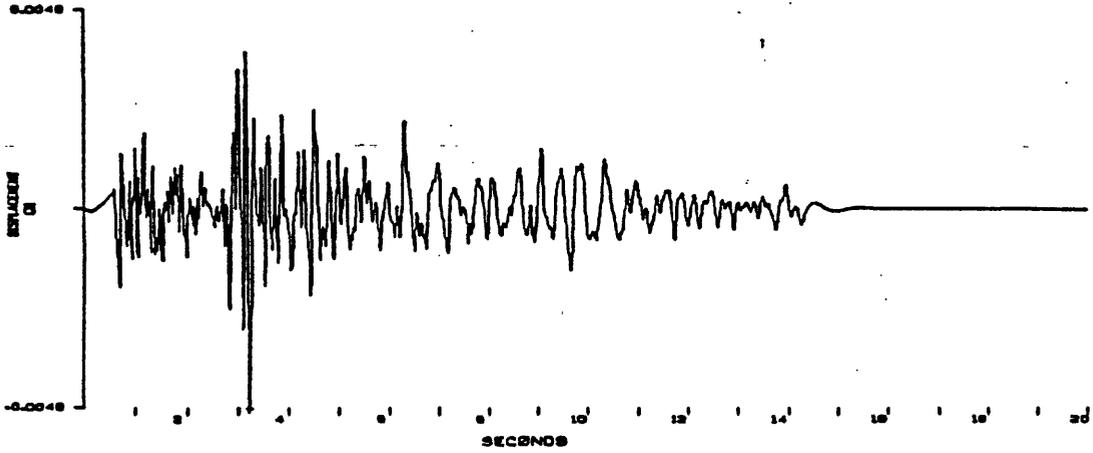
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KYR, 270



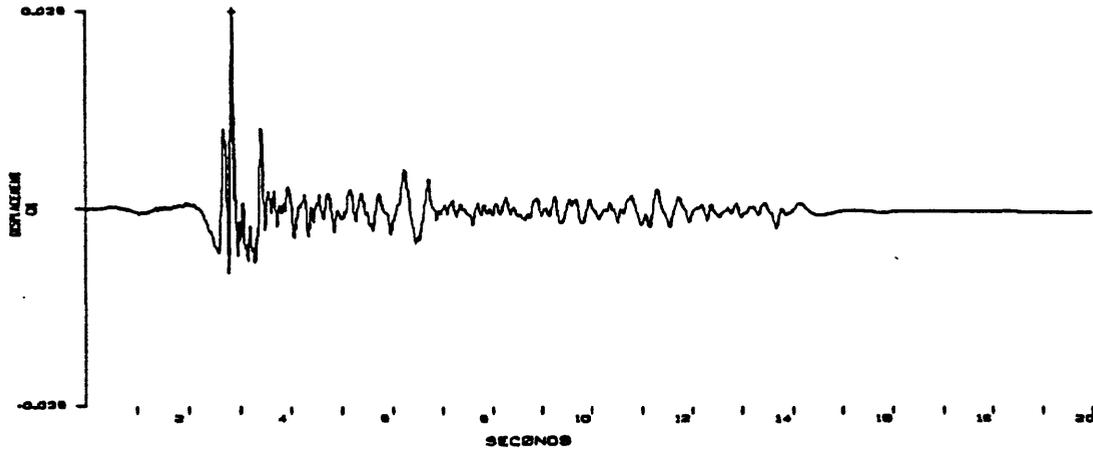
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KYR, 000



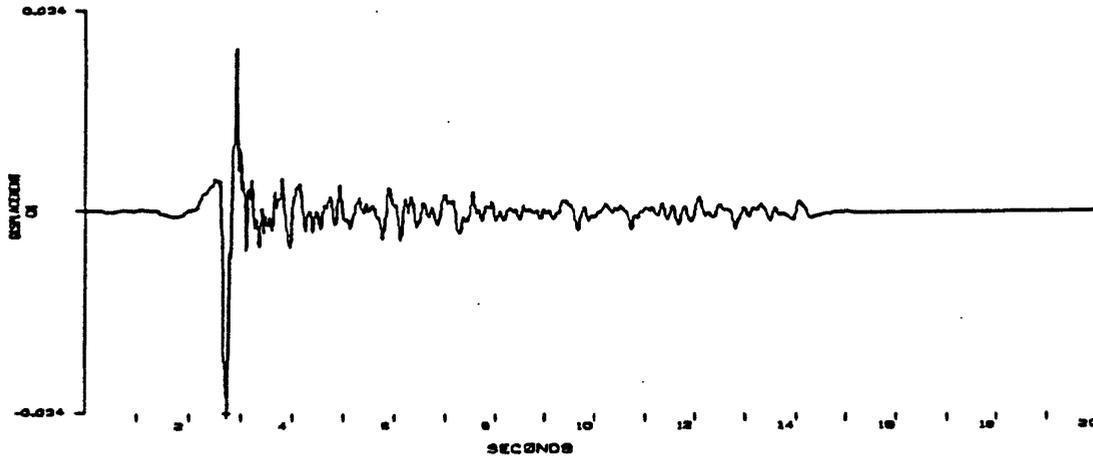
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 274, 274



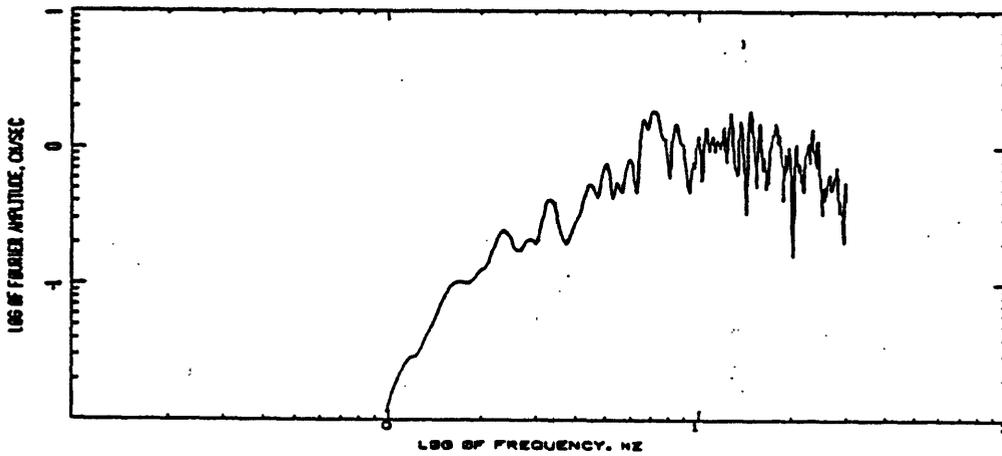
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 274, 270



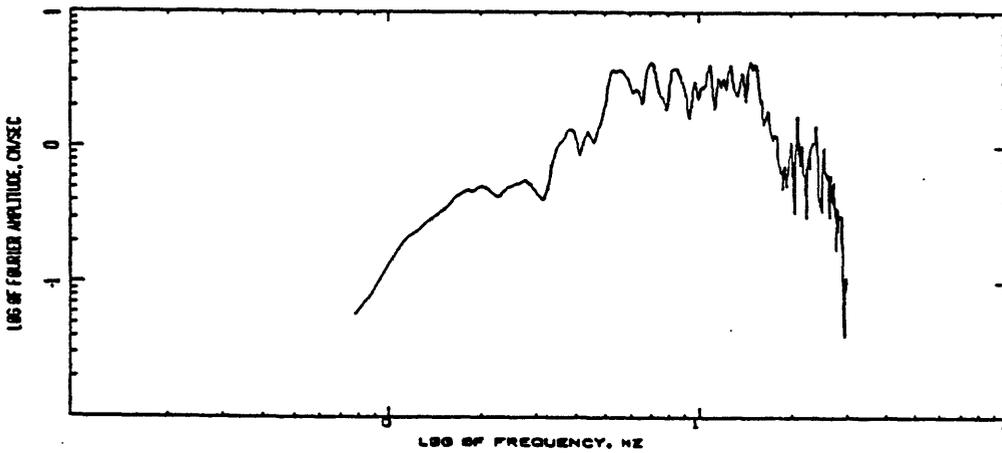
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION 274, 200



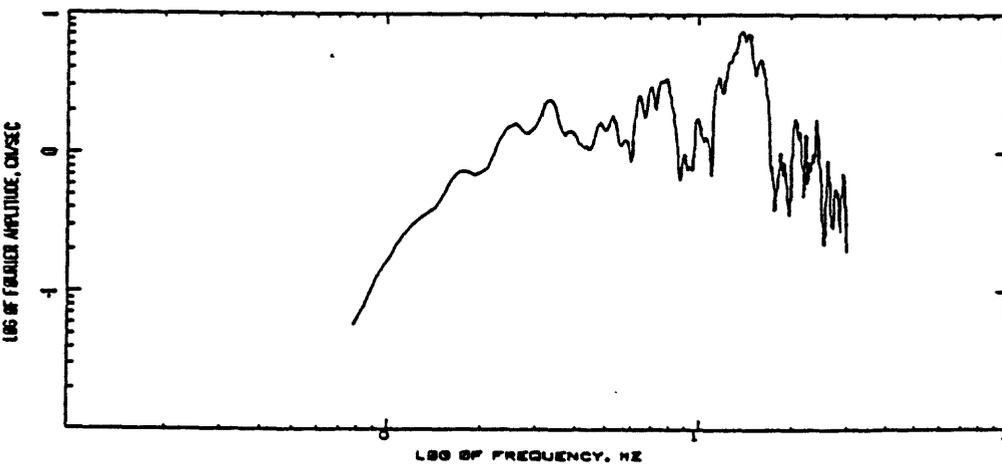
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/23/78, 09:15:15 UTC, ML=3.0
COMPUTING OPTIONS: ZCROSS, SMOOTH, NOISE



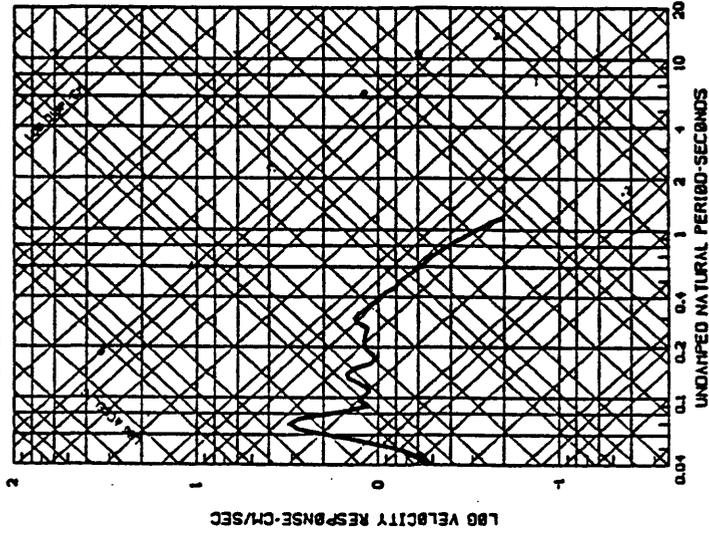
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/23/78, 09:15:15 UTC, ML=3.0
COMPUTING OPTIONS: ZCROSS, SMOOTH, NOISE



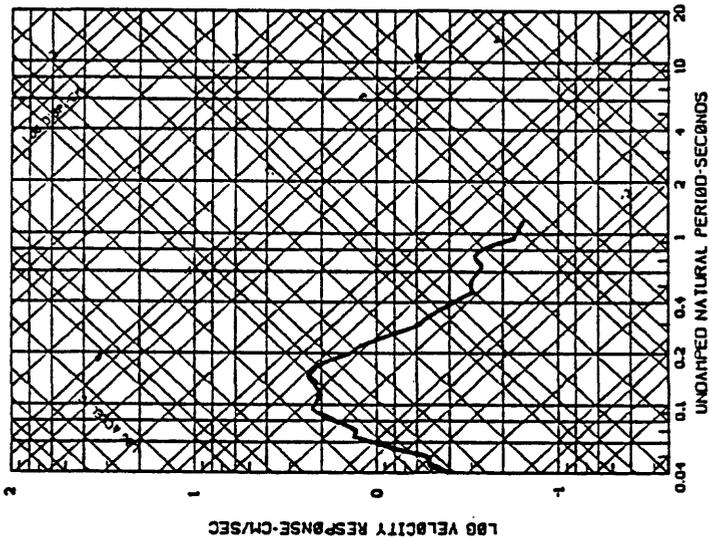
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 07/23/78, 09:15:15 UTC, ML=3.0
COMPUTING OPTIONS: ZCROSS, SMOOTH, NOISE



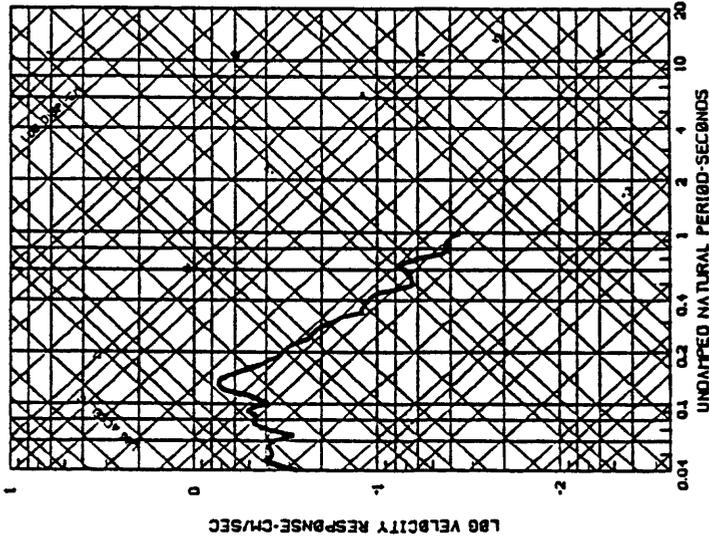
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 08:13:13 UTC, PL-3D
 STATION 57R, 000
 5 PERCENT CRITICAL DAMPING



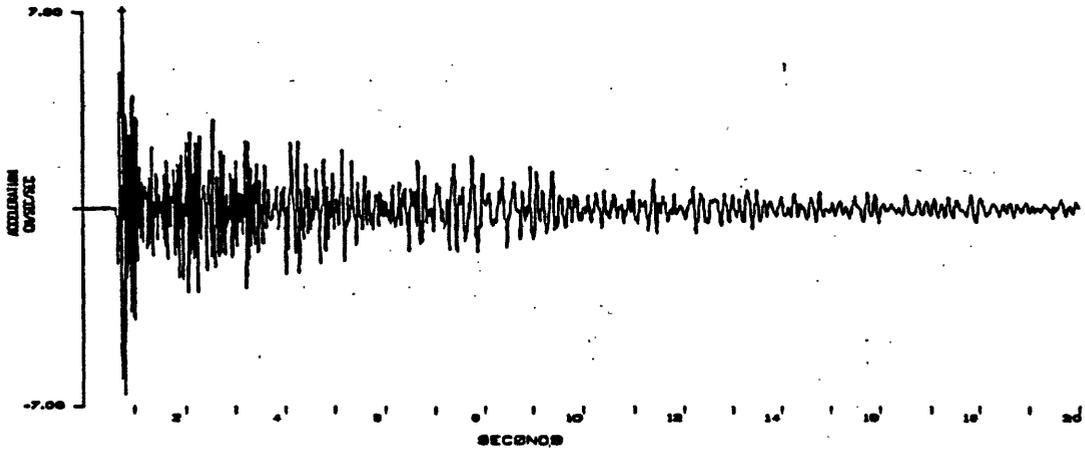
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 08:13:13 UTC, PL-3D
 STATION 57R, 000
 5 PERCENT CRITICAL DAMPING



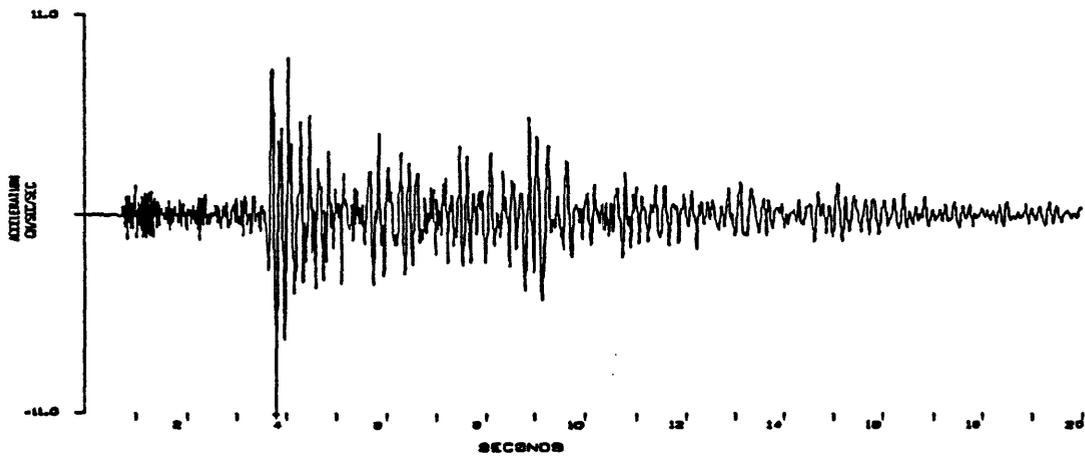
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 08:13:13 UTC, PL-3D
 STATION 57R, 000
 5 PERCENT CRITICAL DAMPING



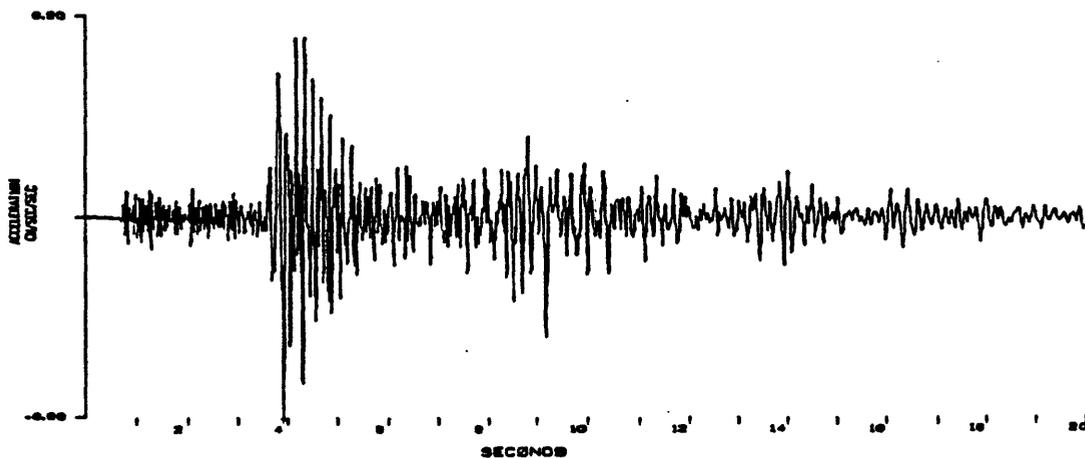
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SLO. 525, VERY



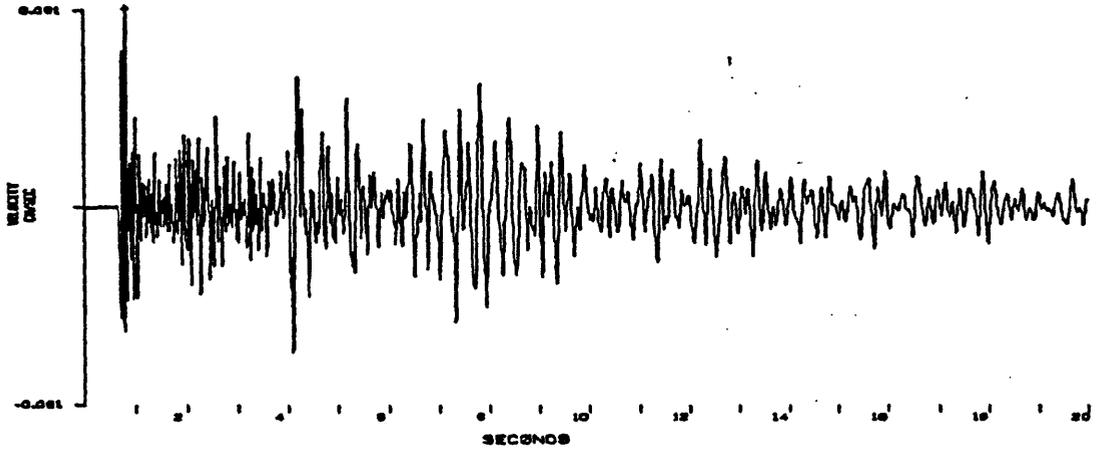
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SLO. 000



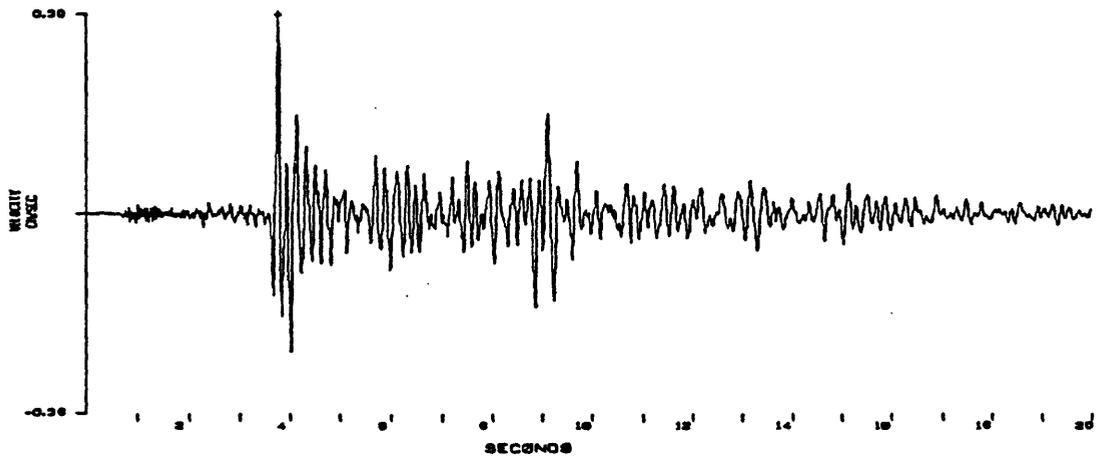
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION SLO. 270



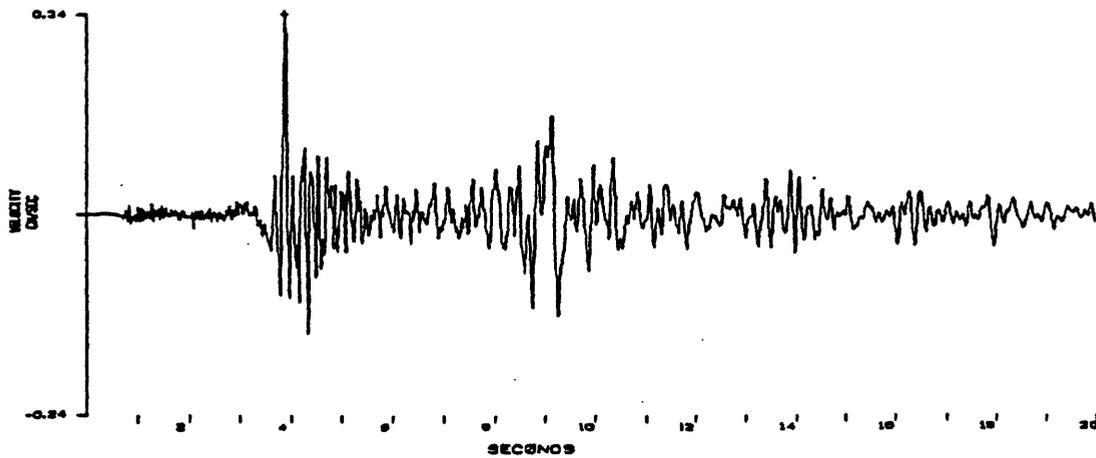
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, VERT



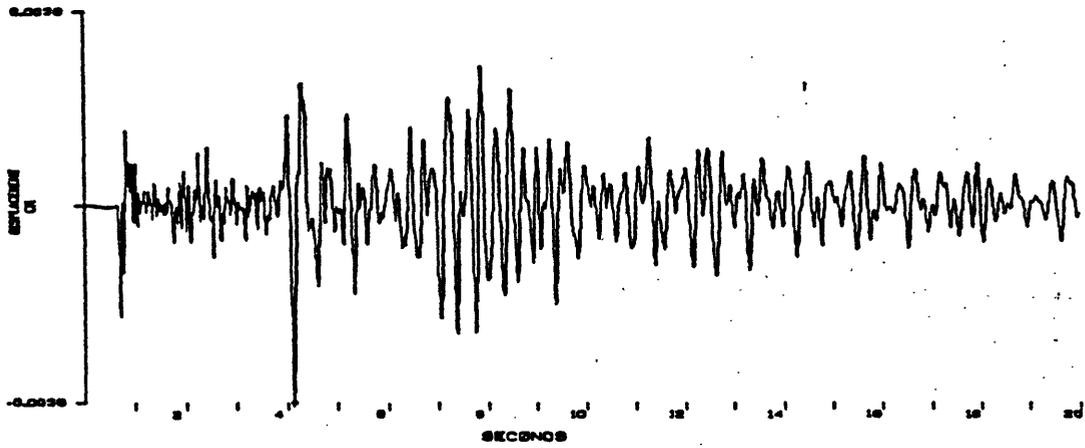
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, 000



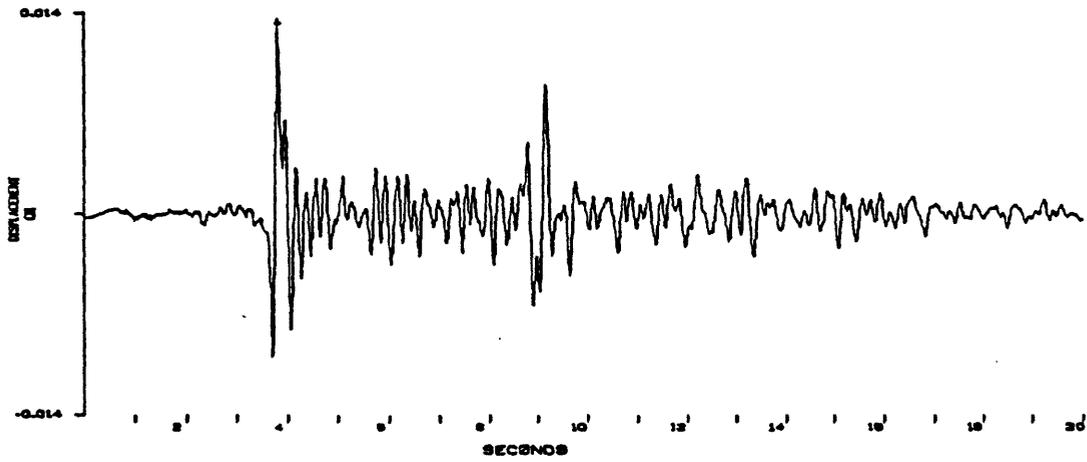
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, 001



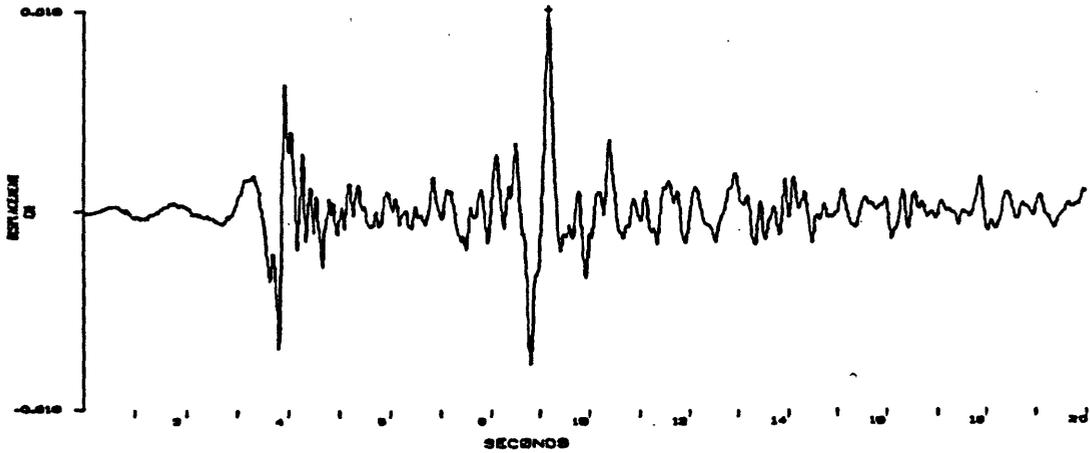
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION 35, VERT



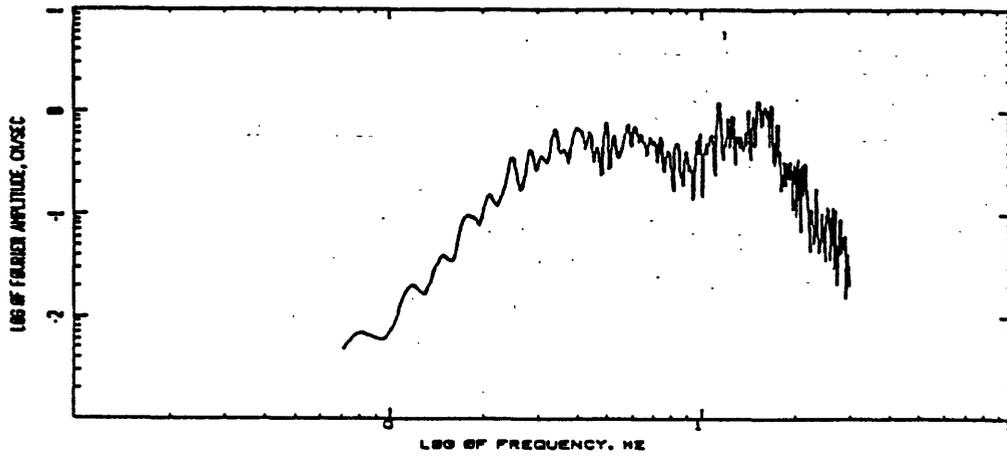
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION 36, 30, 000



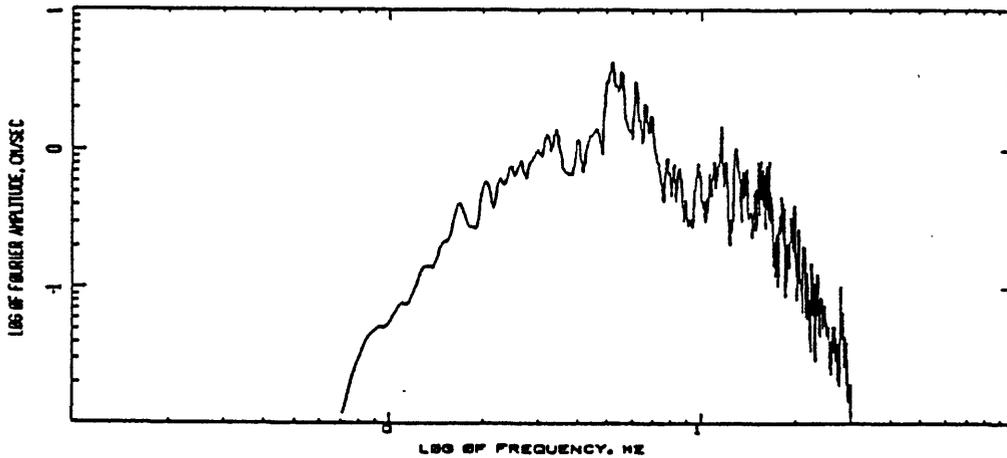
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION 36, 30, 270



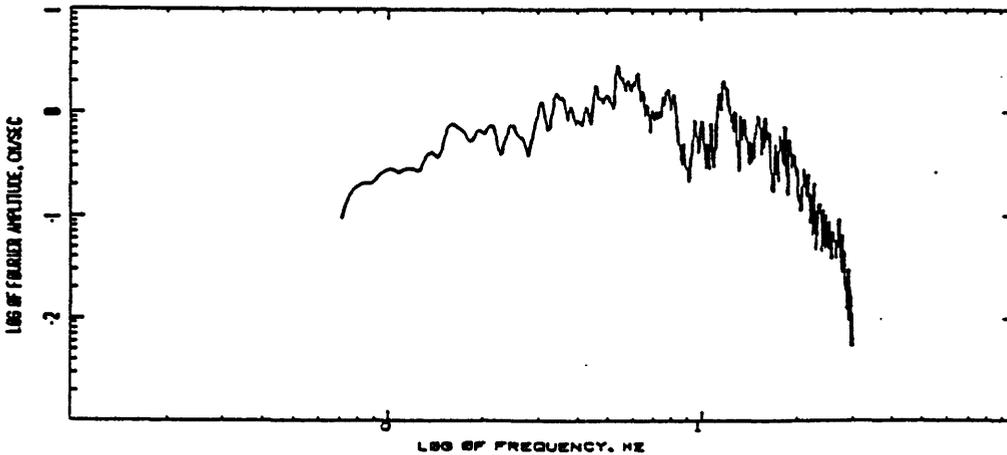
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10:53:15 UTC, MC-3.0
STATION 310, VS 000
COMPUTING OPTIONS- ZCRSS,SHOOTHK10,NONSISE



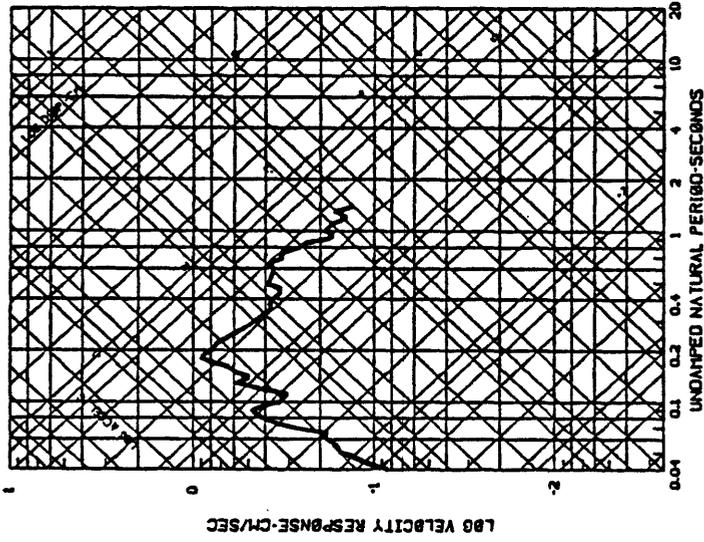
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10:53:15 UTC, MC-3.0
STATION 310, VS 000
COMPUTING OPTIONS- ZCRSS,SHOOTHK10,NONSISE



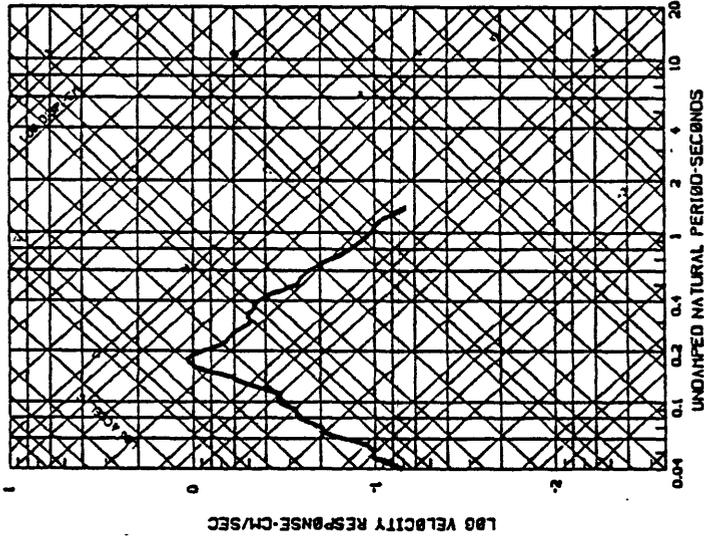
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10:53:15 UTC, MC-3.0
STATION 310, VS 000
COMPUTING OPTIONS- ZCRSS,SHOOTHK10,NONSISE



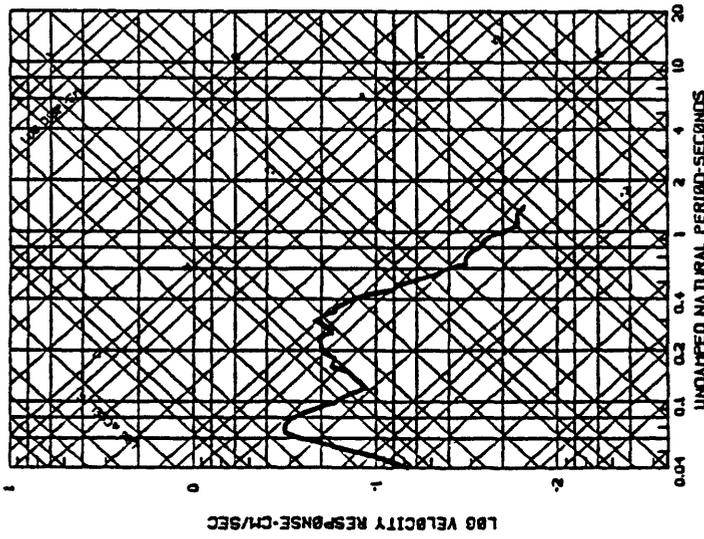
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION S.D. 270
 5 PERCENT CRITICAL DAMPING



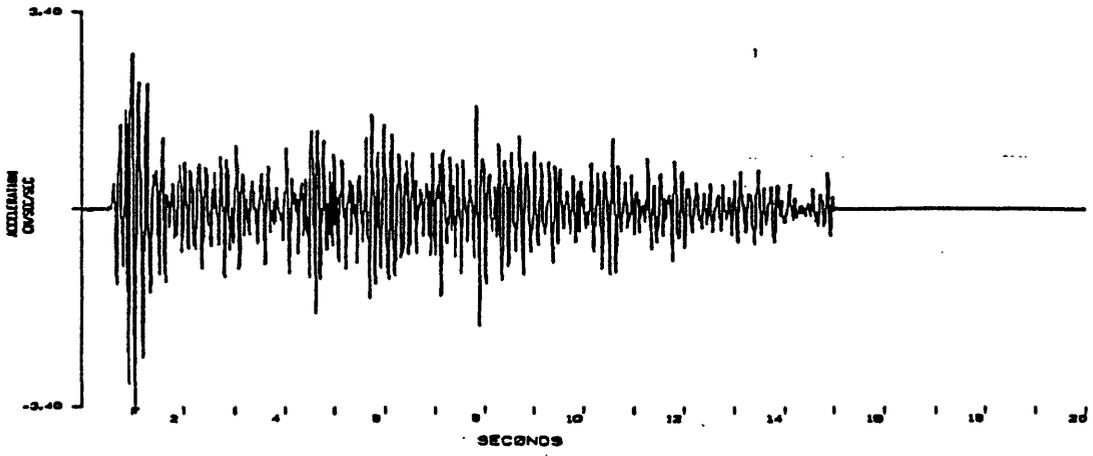
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION S.D. 000
 5 PERCENT CRITICAL DAMPING



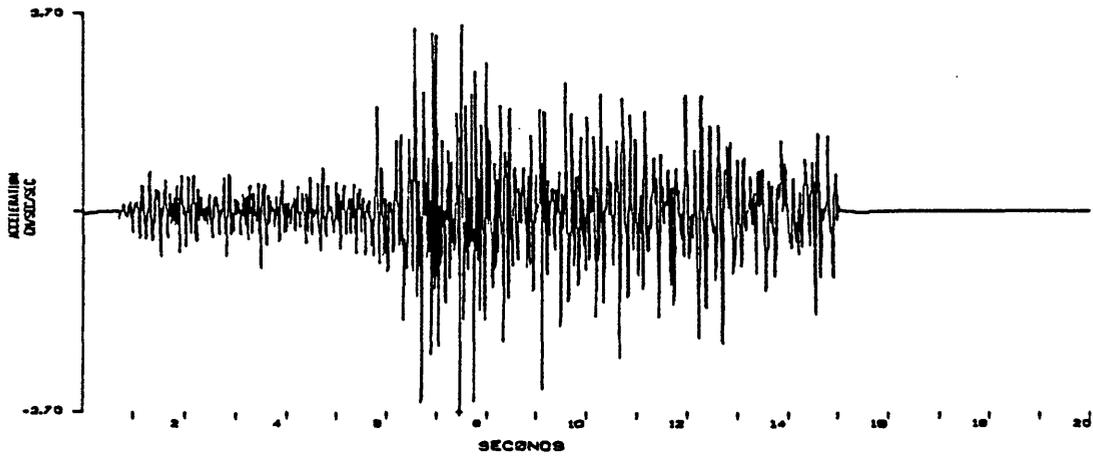
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION S.D. VERI
 5 PERCENT CRITICAL DAMPING



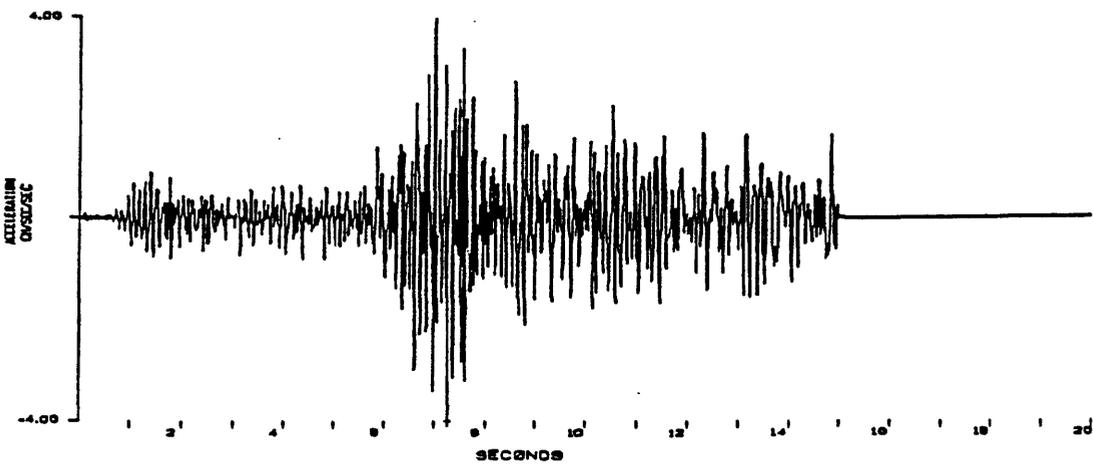
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 028T



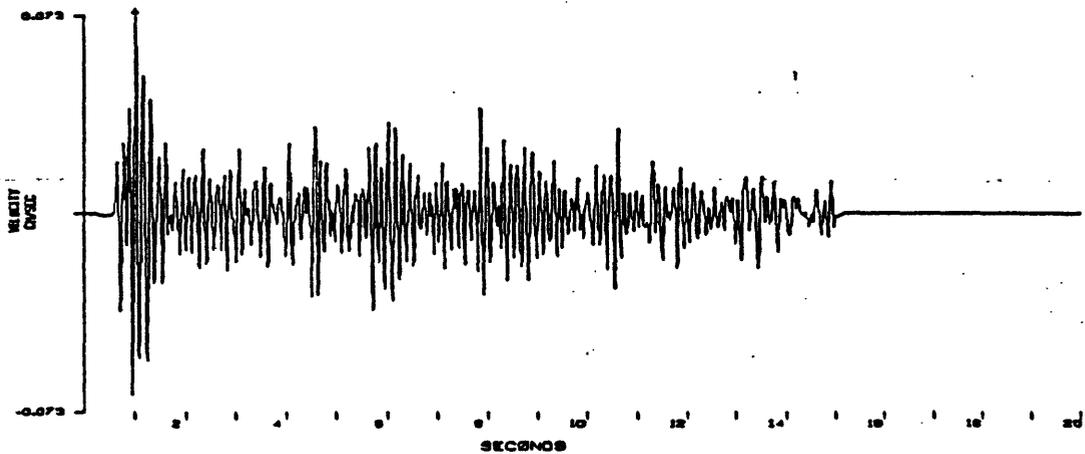
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 008B



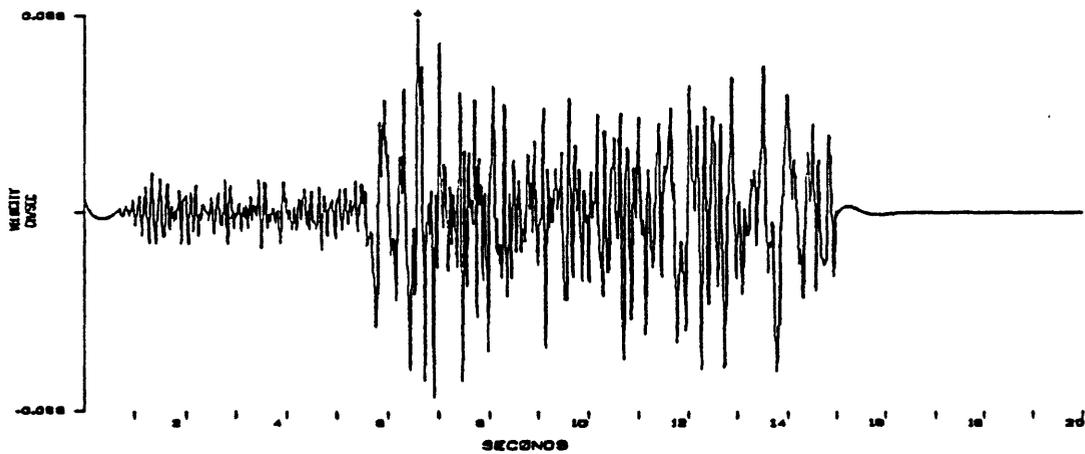
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 270



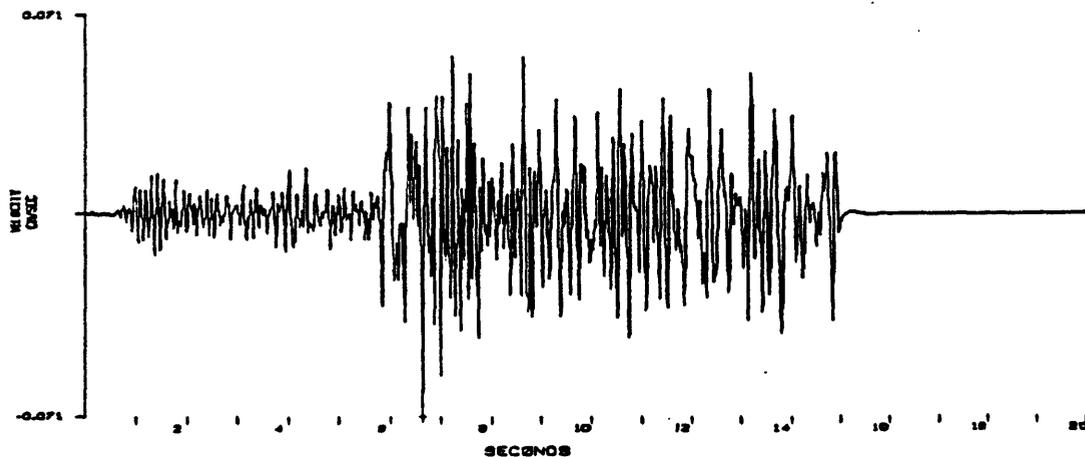
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, VERT



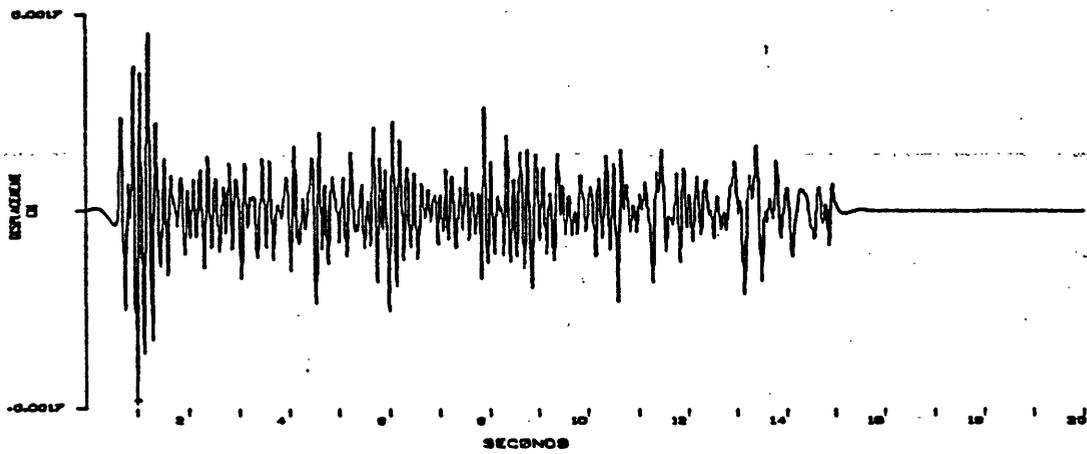
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, OBS



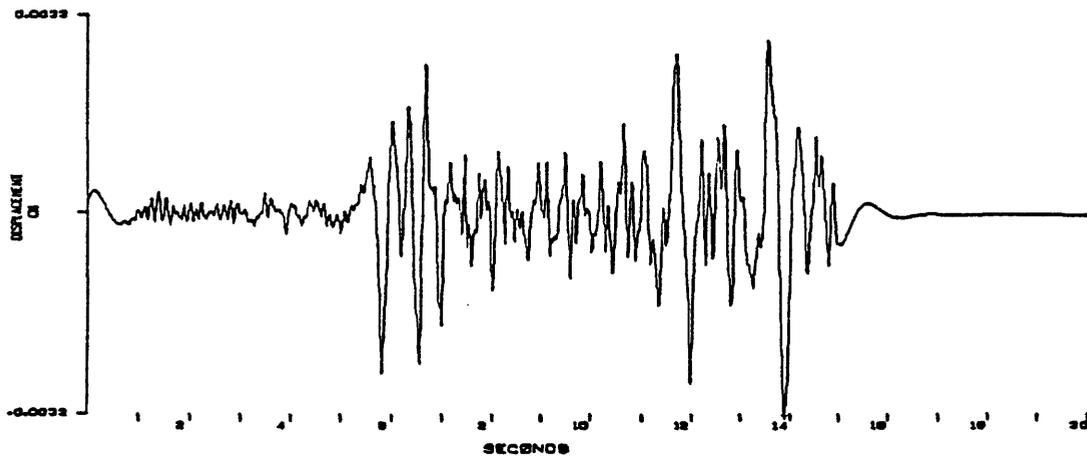
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 275



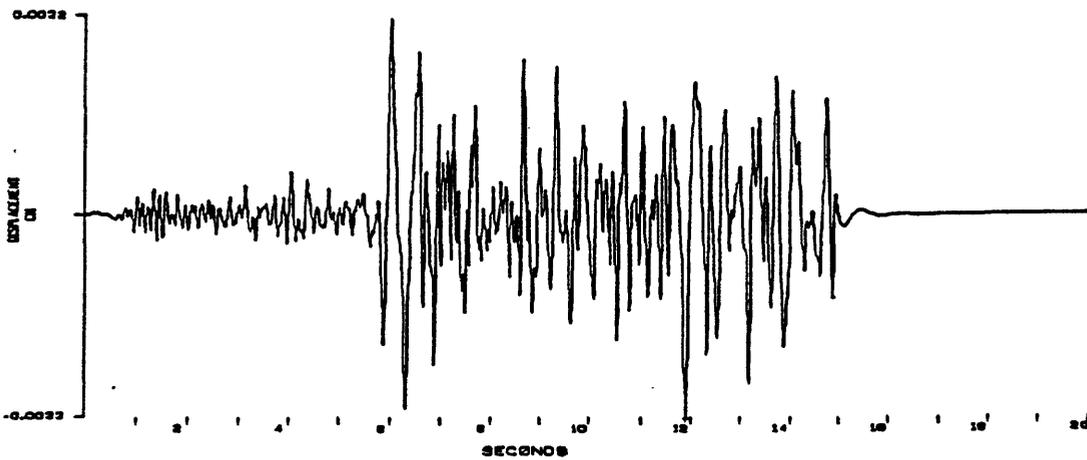
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION XFB, VERT



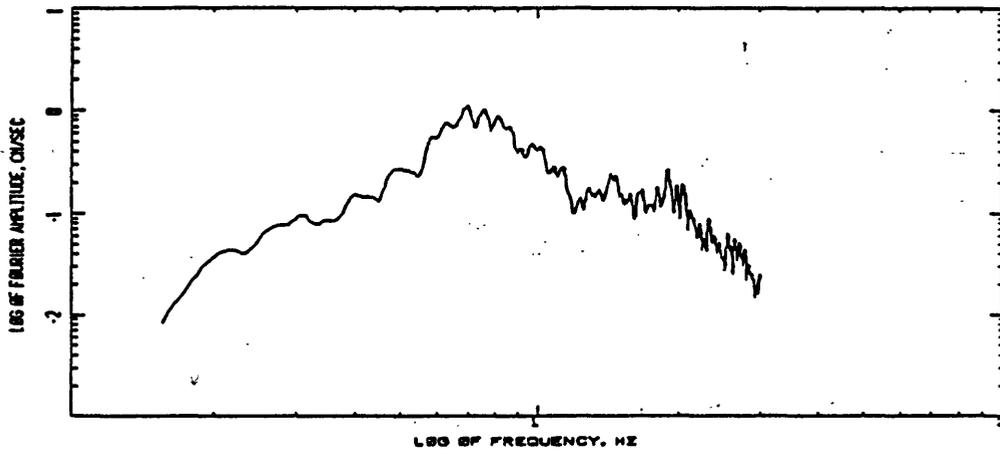
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION XFB, OUS



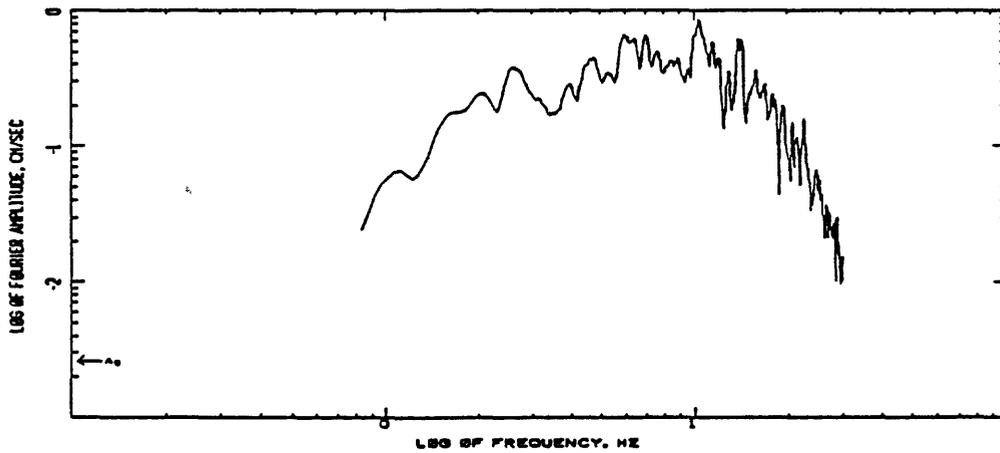
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION XFB, 275



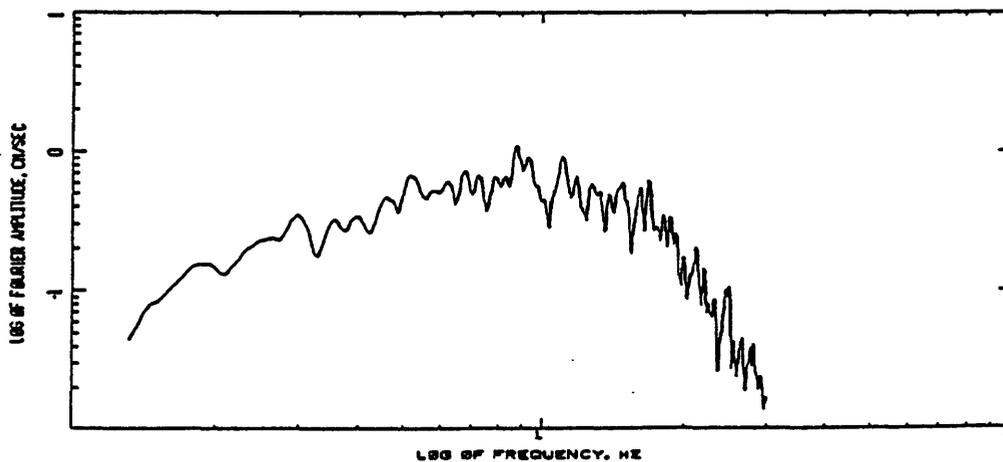
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1951/76, 01, 43:28 UTC, ML=3.4
STATION 119, 242
COMPUTING OPTIONS: ZCR66,SMOOTH10,NONISE



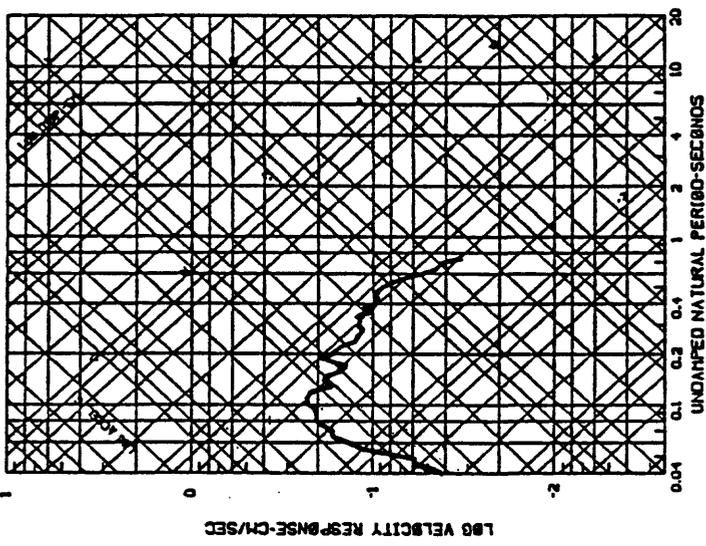
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1951/76, 01, 43:28 UTC, ML=3.4
STATION 119, 242
COMPUTING OPTIONS: ZCR66,SMOOTH10,NONISE



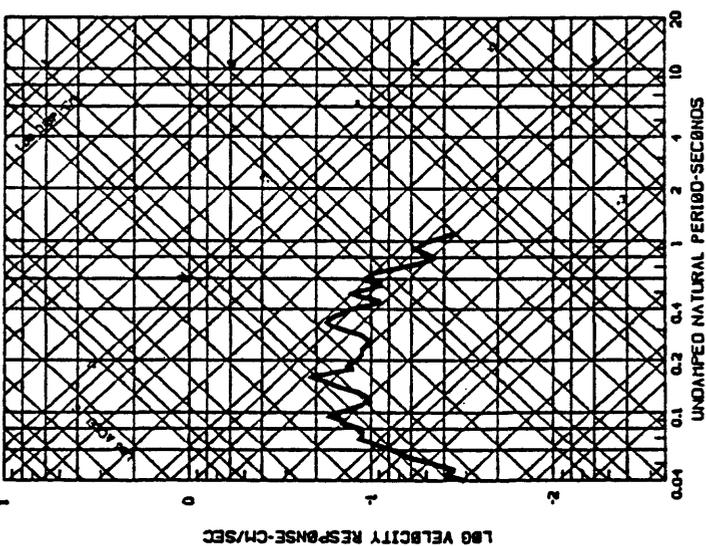
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1951/76, 01, 43:28 UTC, ML=3.4
STATION 119, 242
COMPUTING OPTIONS: ZCR66,SMOOTH10,NONISE



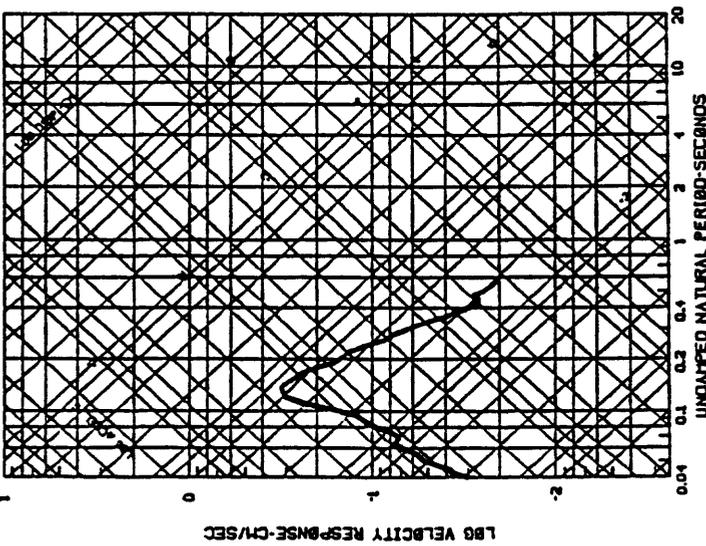
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR EARTHQUAKE, 07/31/70, 11:34:16 UTC, NL-3.4
 STATION 150, 5 PERCENT CRITICAL DAMPING



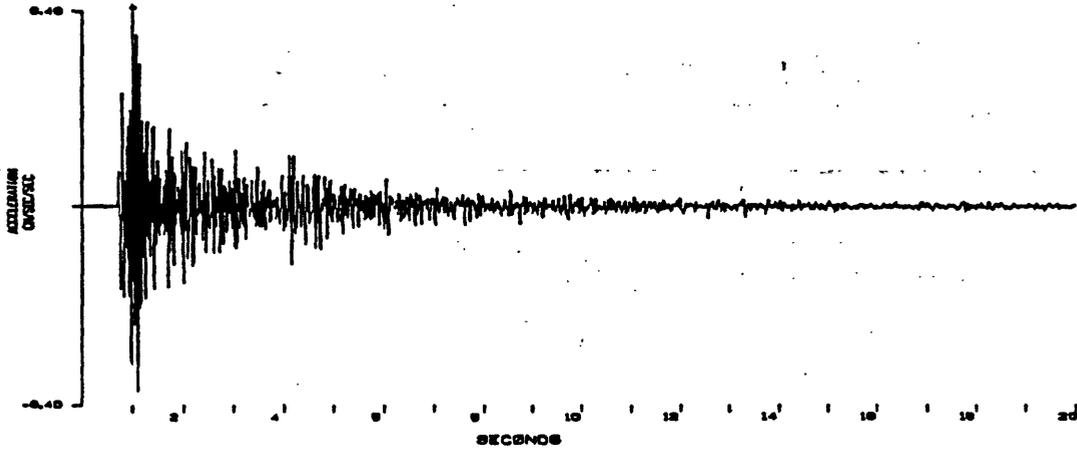
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR EARTHQUAKE, 07/31/70, 11:34:16 UTC, NL-3.4
 STATION 150, 5 PERCENT CRITICAL DAMPING



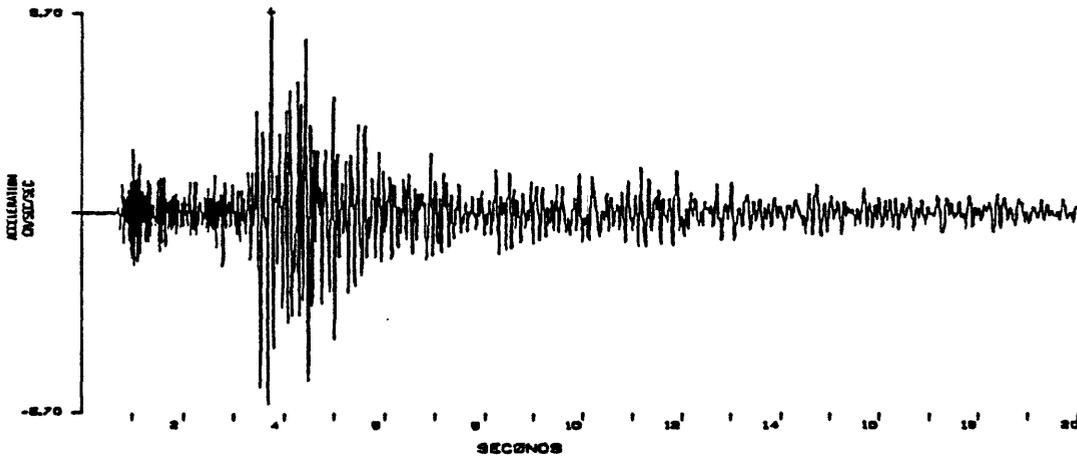
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EAR EARTHQUAKE, 07/31/70, 11:34:16 UTC, NL-3.4
 STATION 150, 5 PERCENT CRITICAL DAMPING



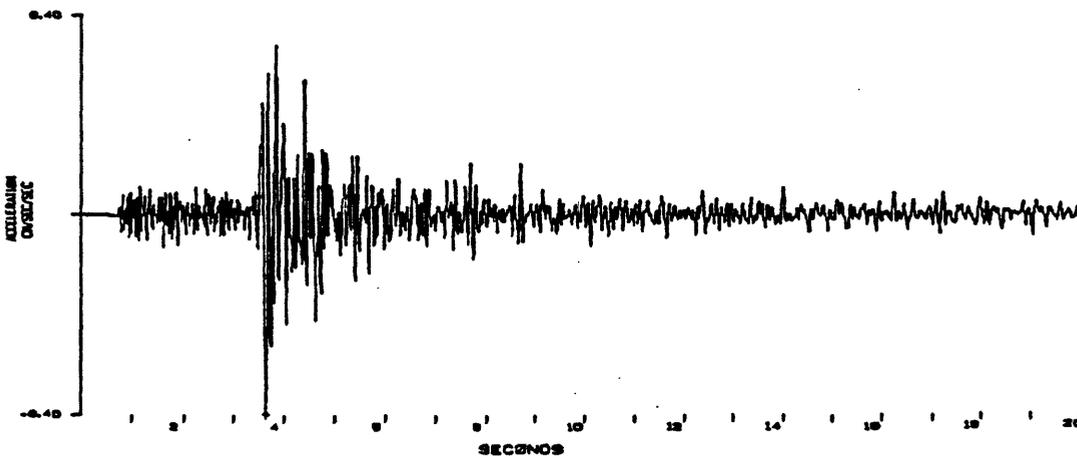
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GCS, VERT



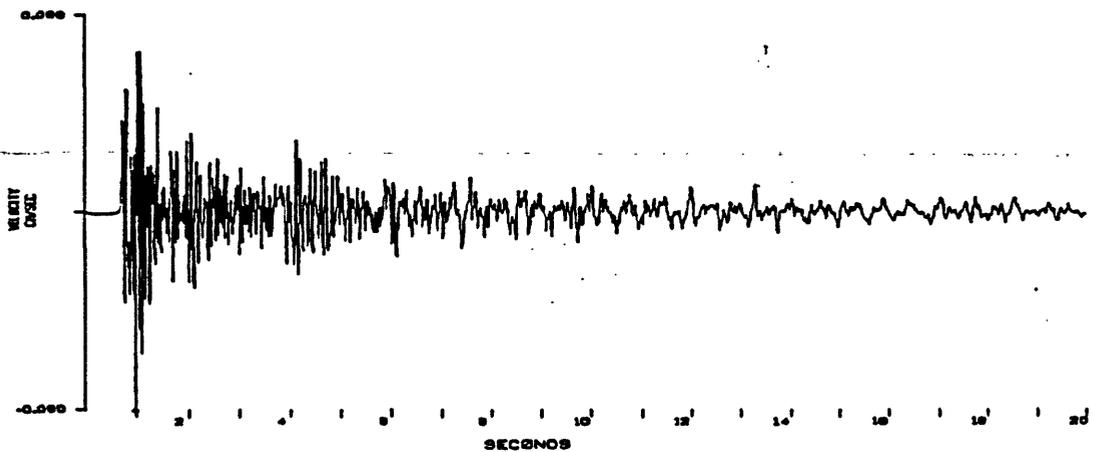
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GCS, OBB



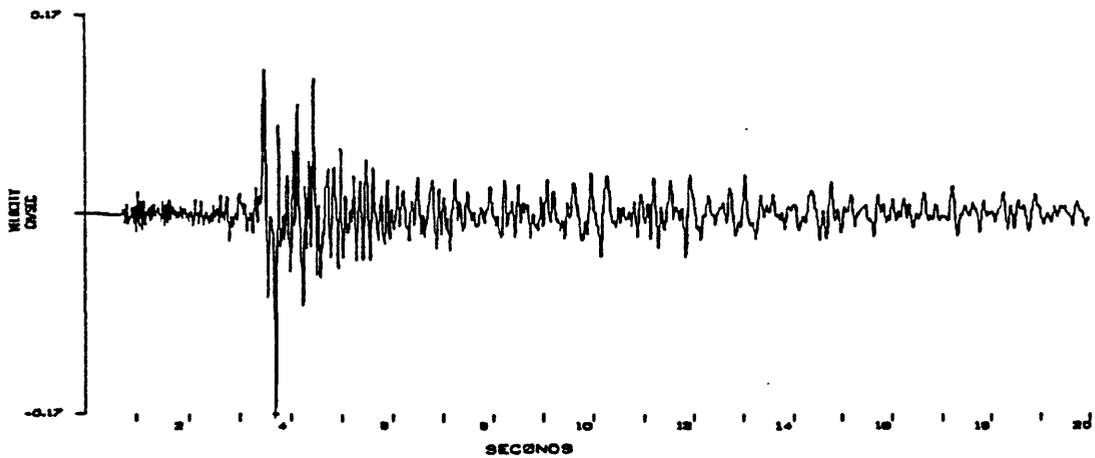
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GCS, OBB



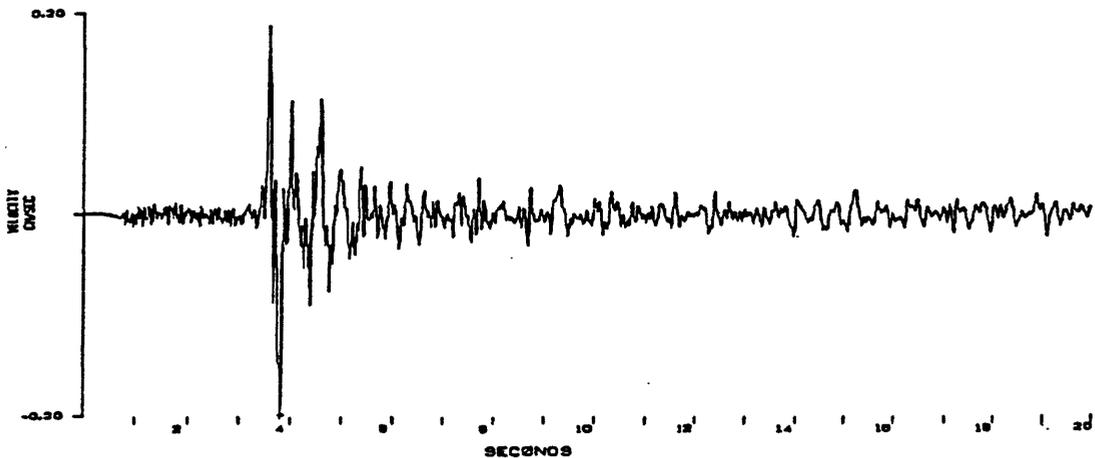
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



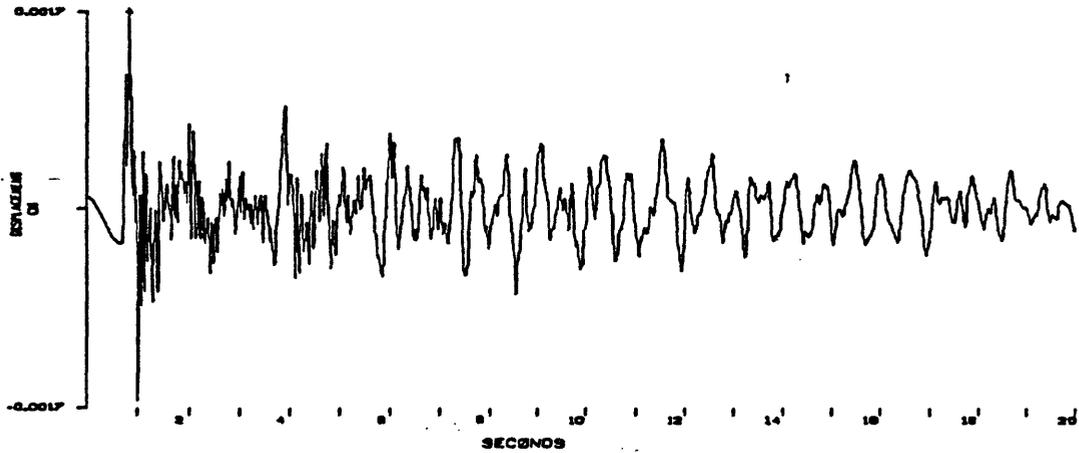
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



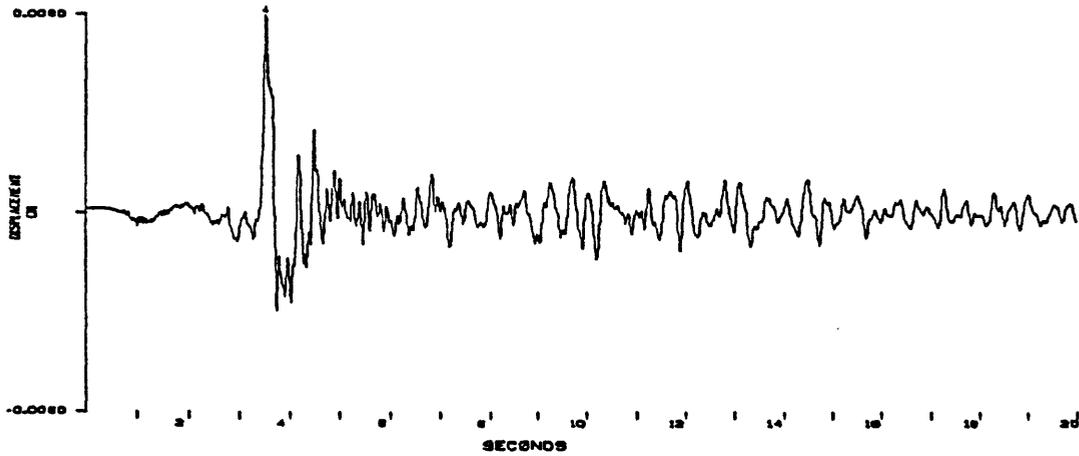
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



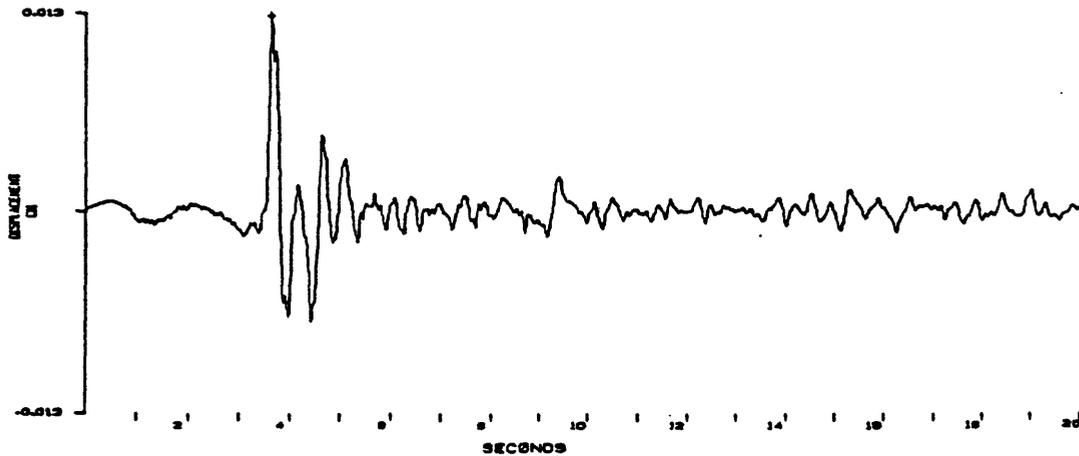
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, VERT



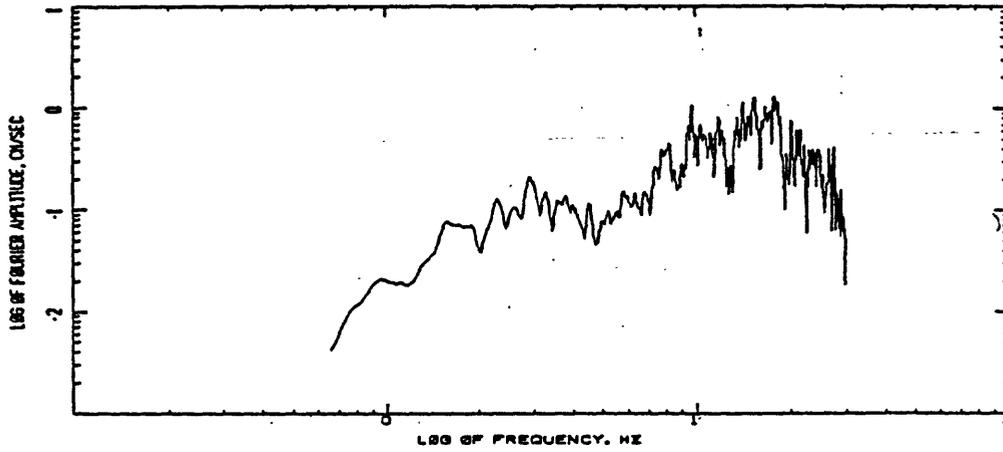
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION dcs, ODB



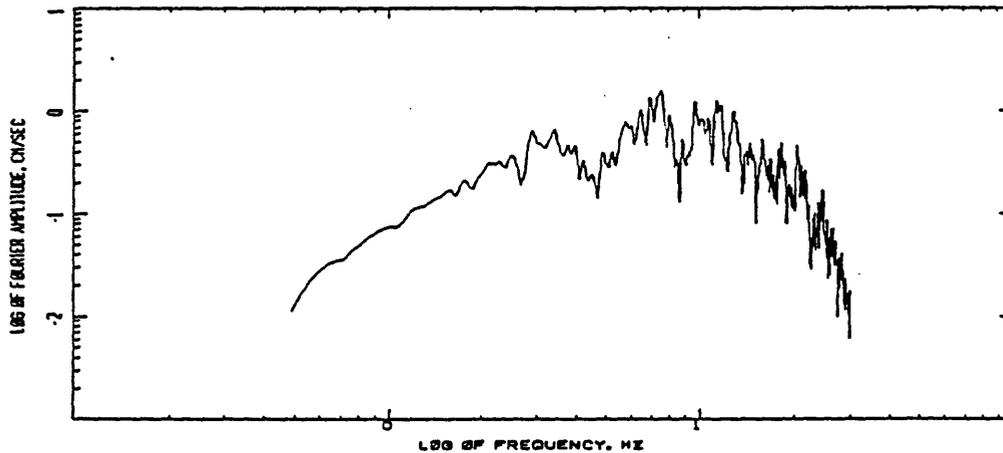
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION dcs, ODB



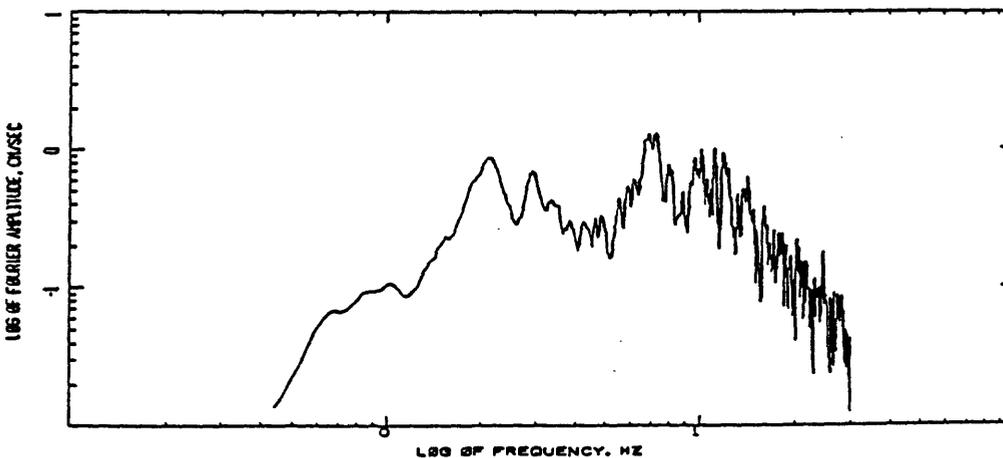
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10731795.0143148 UTC. ML=3.4
STATION 8CS.000
COMPUTING OPTIONS - ZCR055.SHO02TH101.N0N0ISE



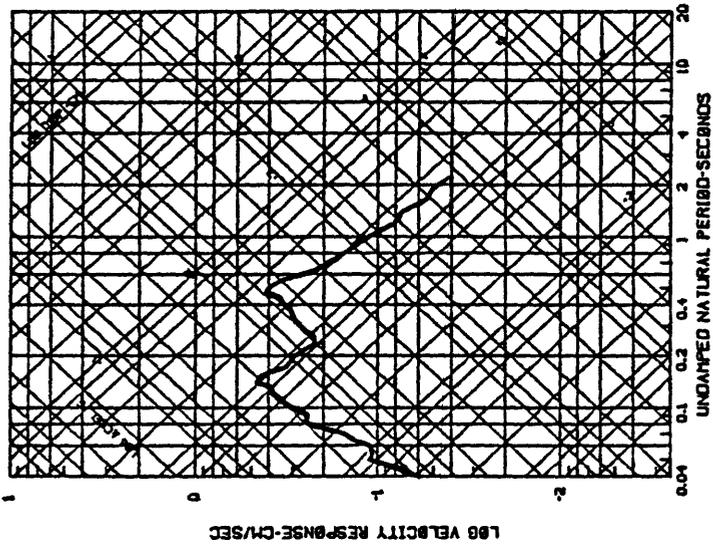
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10731795.0143148 UTC. ML=3.4
STATION 8CS.000
COMPUTING OPTIONS - ZCR055.SHO02TH101.N0N0ISE



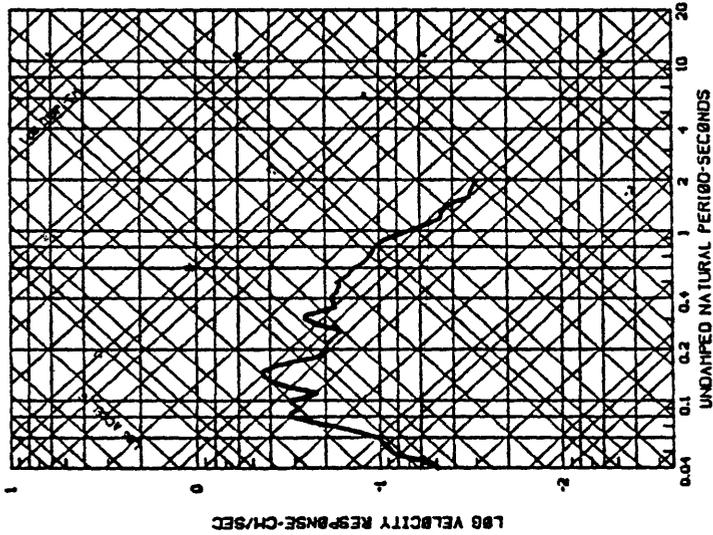
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 10731795.0143148 UTC. ML=3.4
STATION 8CS.000
COMPUTING OPTIONS - ZCR055.SHO02TH101.N0N0ISE



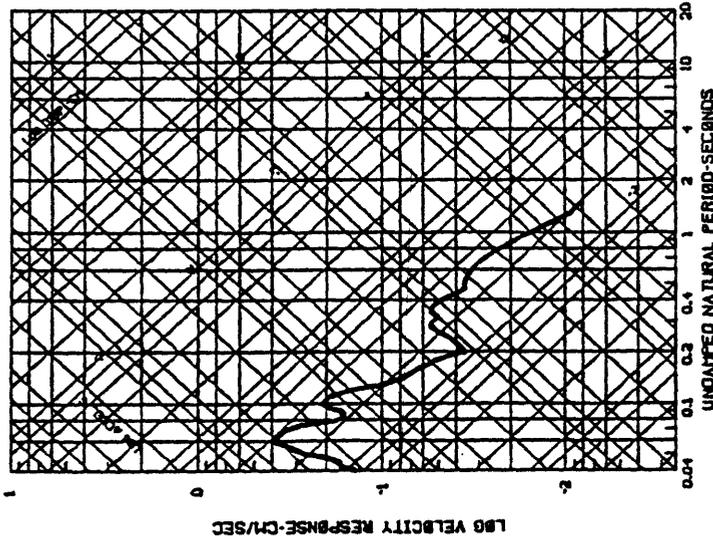
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:34:16 UTC, M=3.4
 STATION R/S 000
 5 PERCENT CRITICAL DAMPING



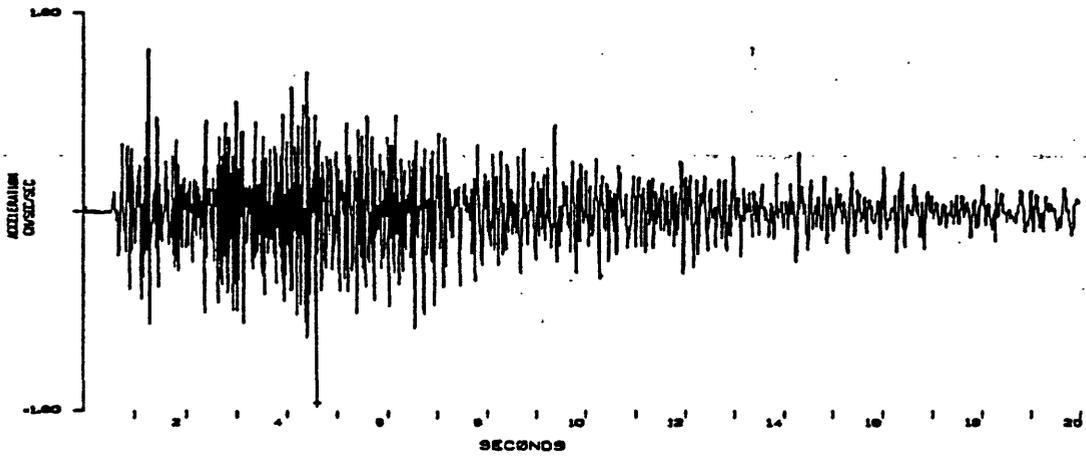
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:34:16 UTC, M=3.4
 STATION R/S 000
 5 PERCENT CRITICAL DAMPING



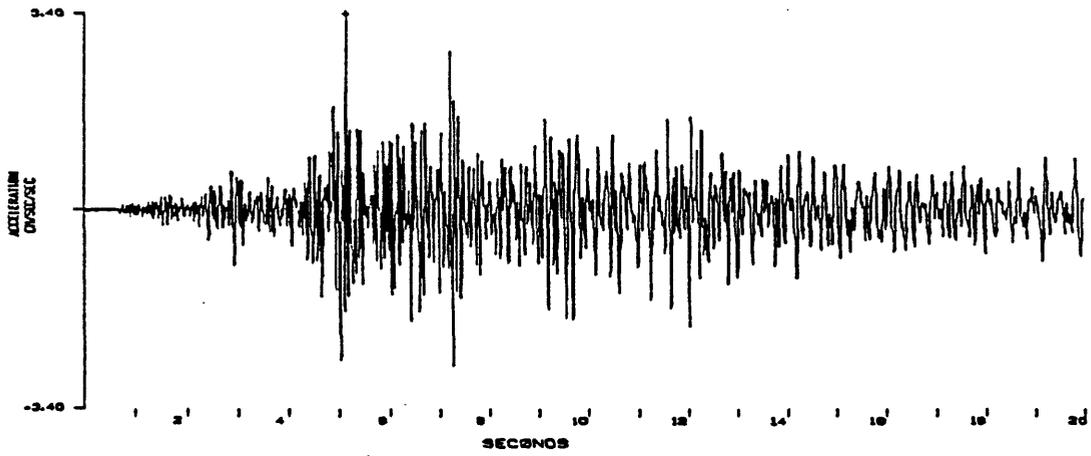
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:34:16 UTC, M=3.4
 STATION R/S 000
 5 PERCENT CRITICAL DAMPING



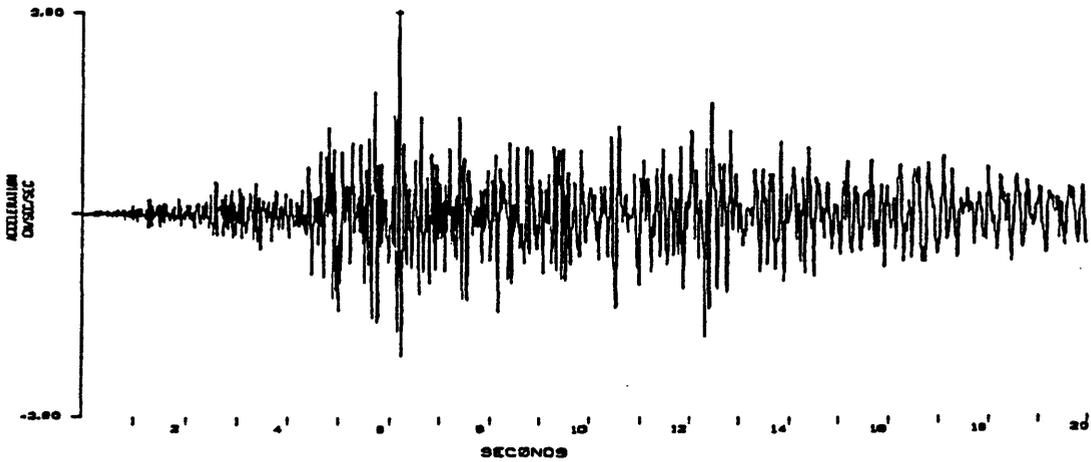
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 0143:48 UTC, ML=3.4
STATION FBR, VERT



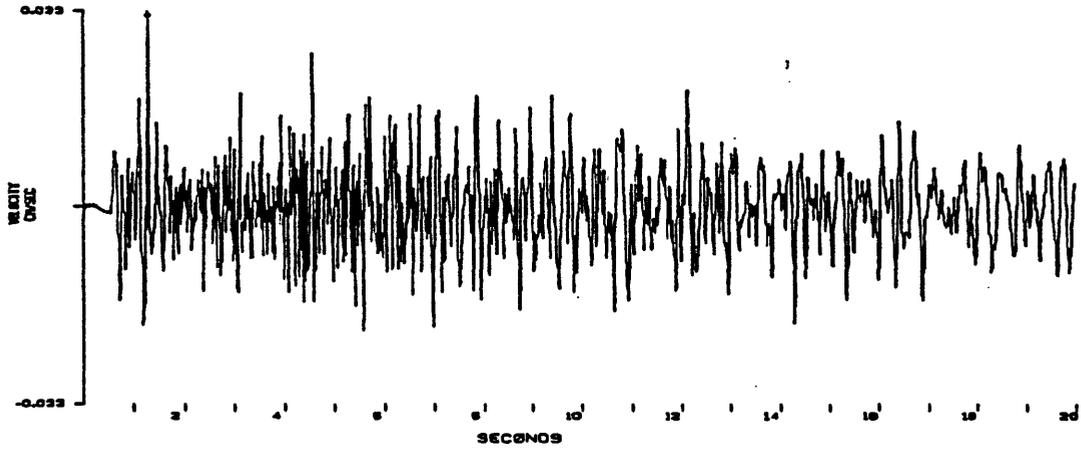
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 0143:48 UTC, ML=3.4
STATION FBR, 000



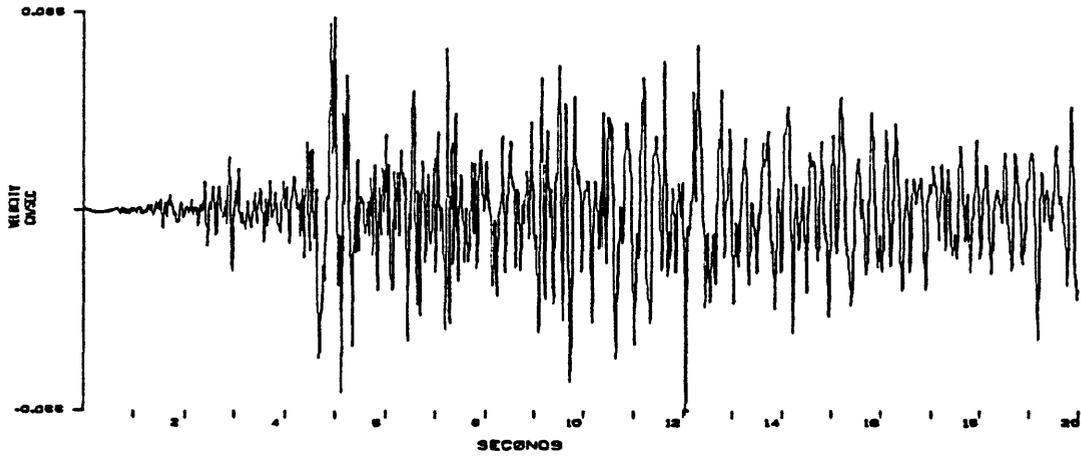
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 0143:48 UTC, ML=3.4
STATION FBR, 270



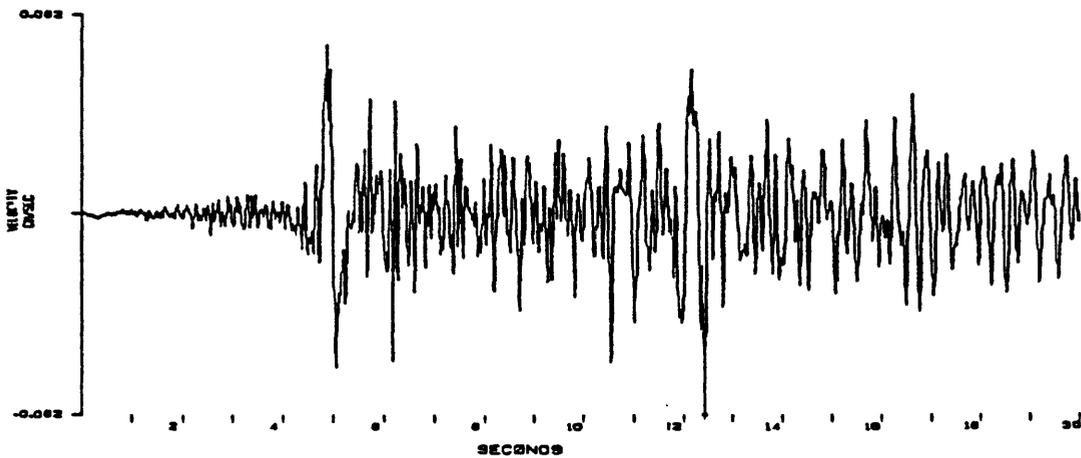
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION FBR, VERT



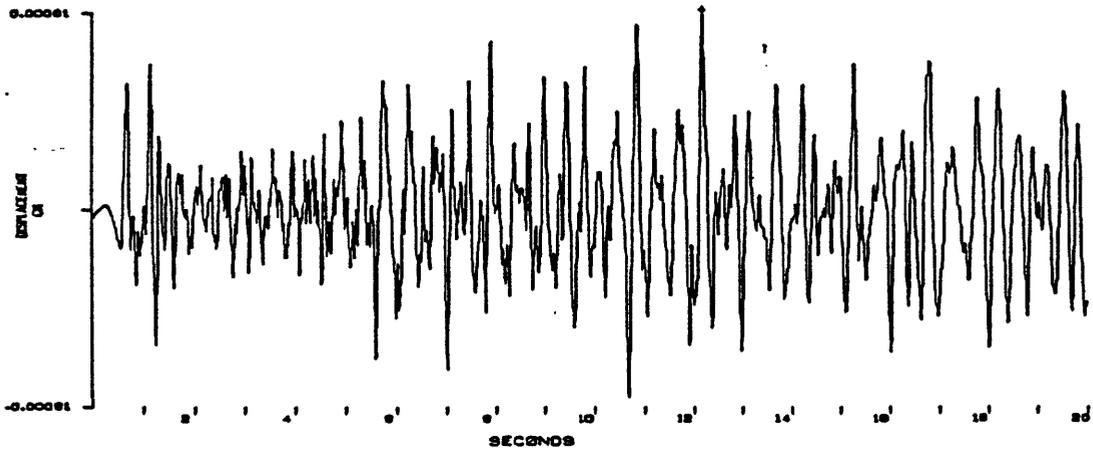
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION FBR, 000



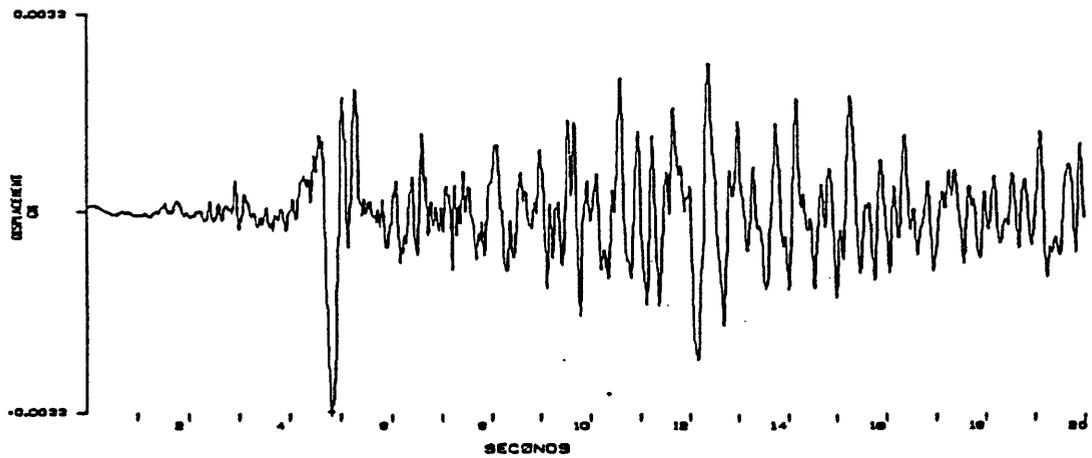
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION FBR, 270



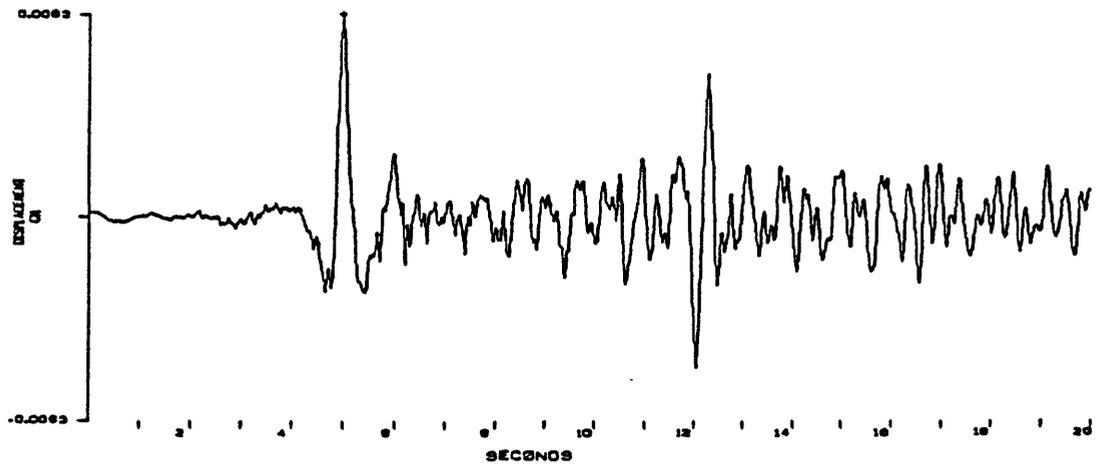
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML=3.4
STATION FBR, 067



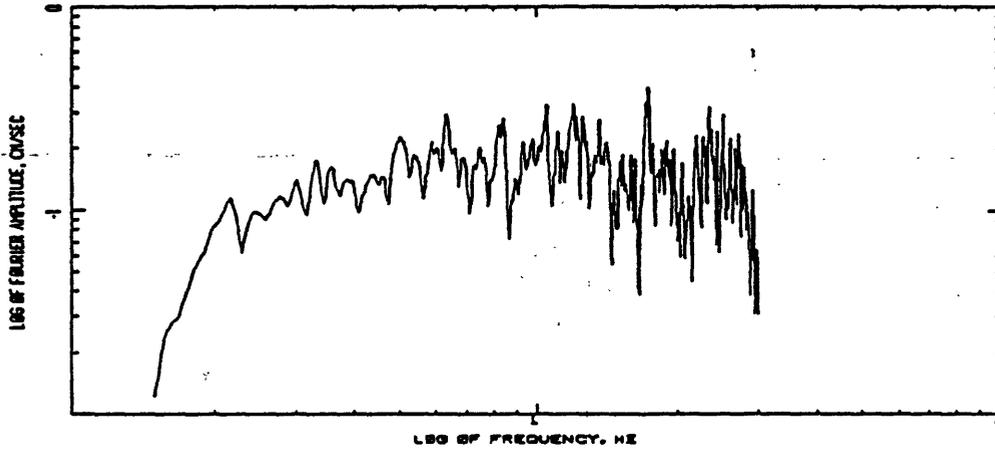
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML=3.4
STATION FBR, 066



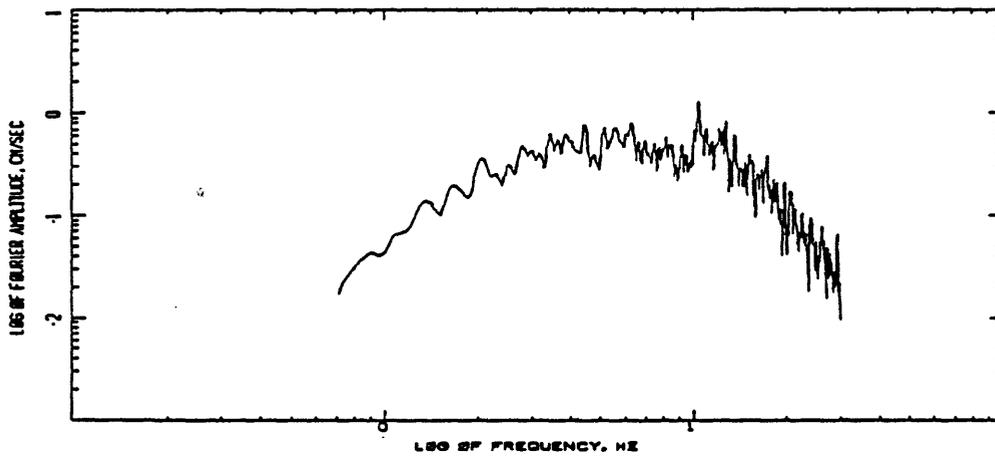
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML=3.4
STATION FBR, 276



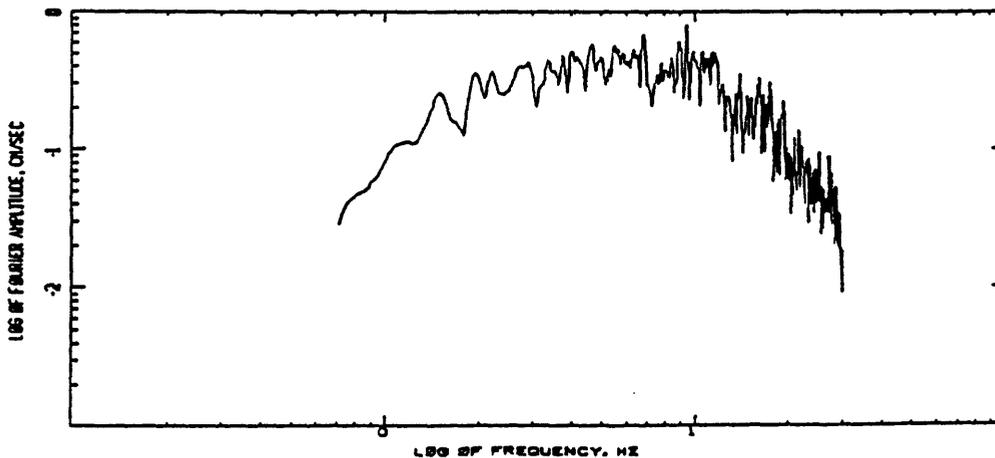
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 197 207 0.4 3:18 UTC. M=3.4
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONDISE



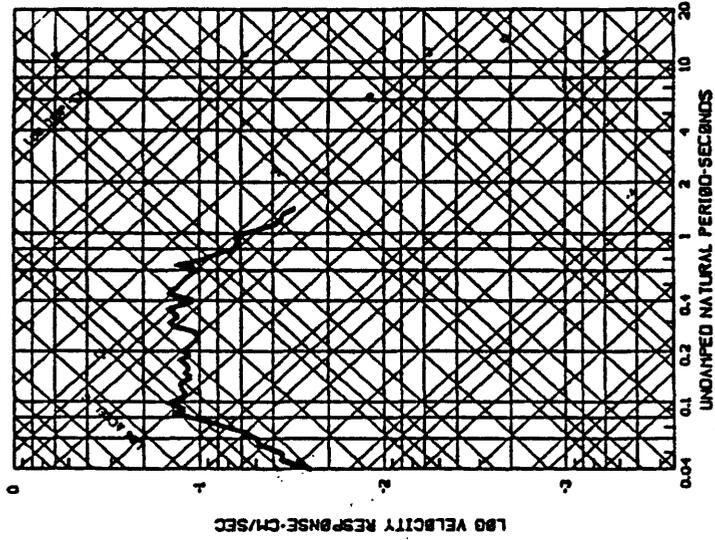
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 197 207 0.4 3:18 UTC. M=3.4
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONDISE



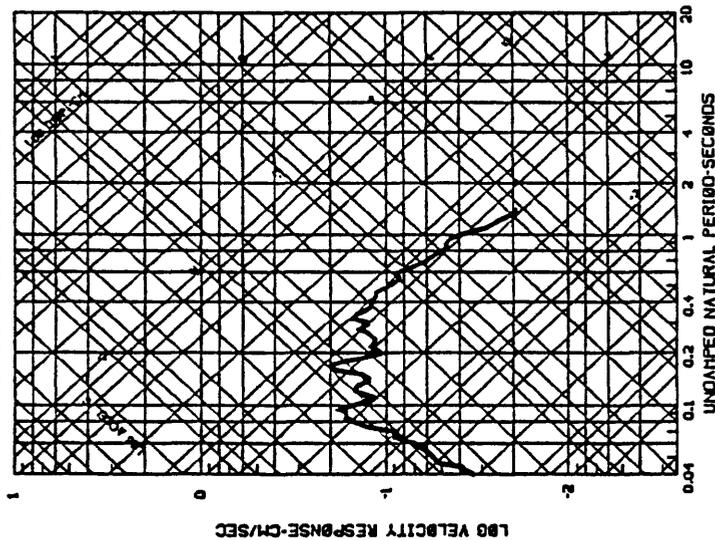
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 197 207 0.4 3:18 UTC. M=3.4
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONDISE



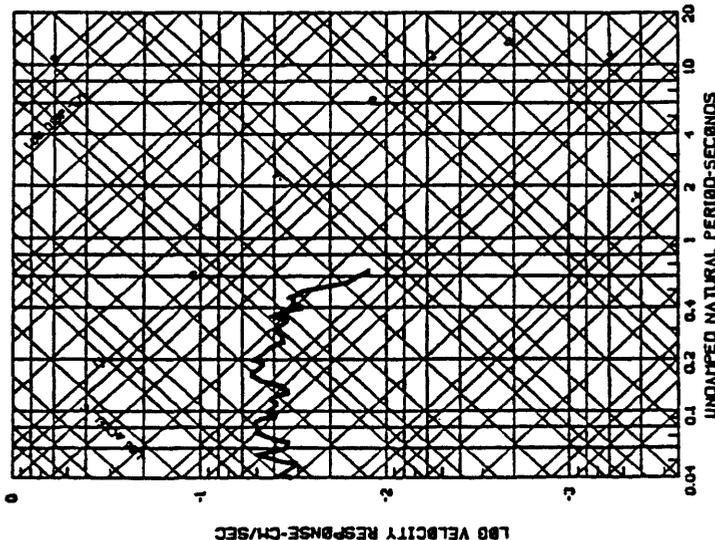
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/70, 11:43:46 UTC, ML-3.4
 5 PERCENT CRITICAL DAMPING



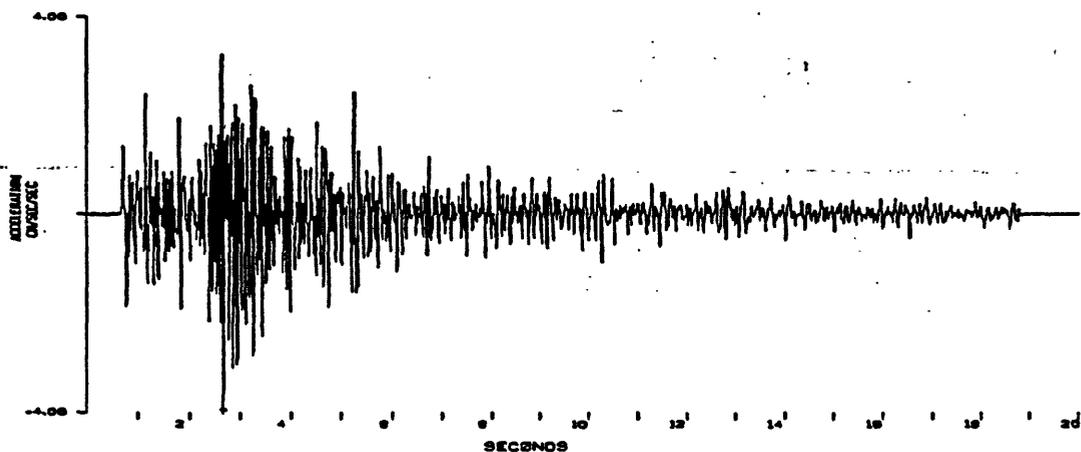
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/70, 11:43:46 UTC, ML-3.4
 5 PERCENT CRITICAL DAMPING



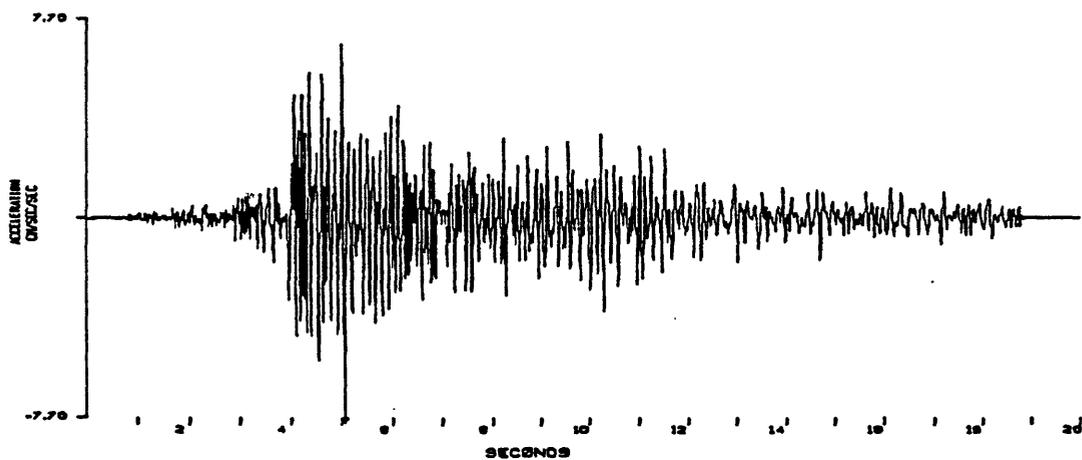
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/17/70, 11:43:46 UTC, ML-3.4
 5 PERCENT CRITICAL DAMPING



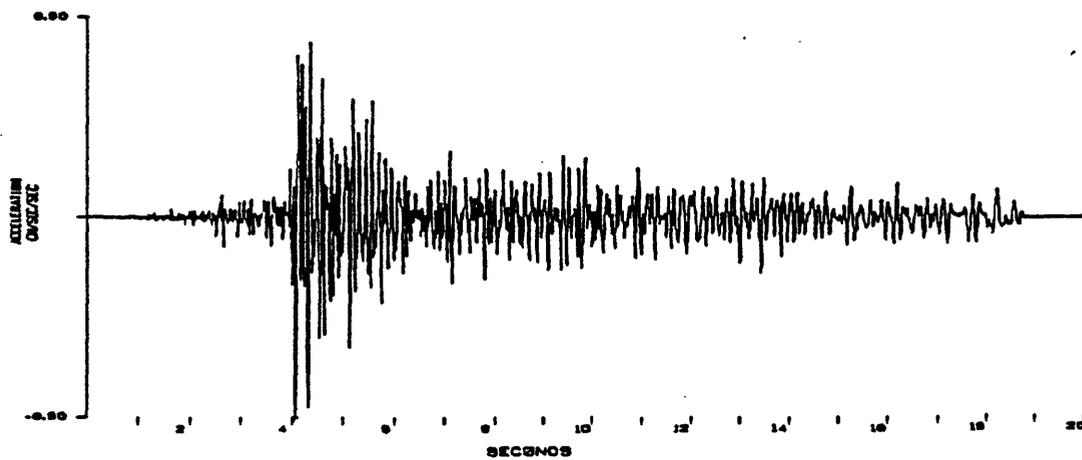
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, GERT



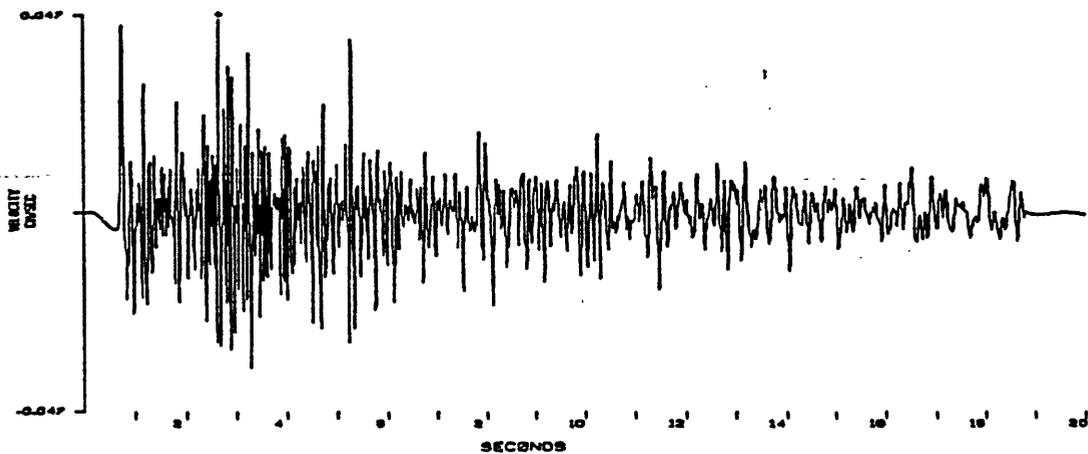
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, GDB



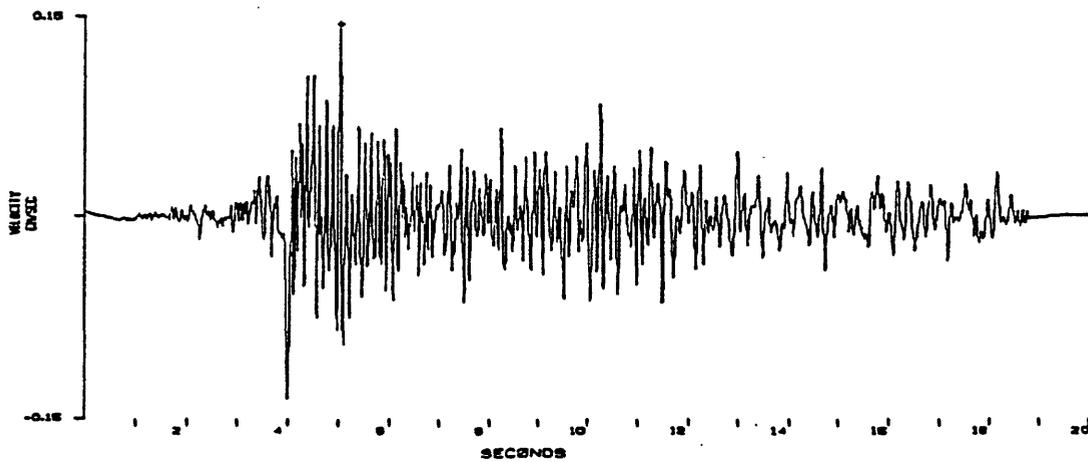
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, ODB



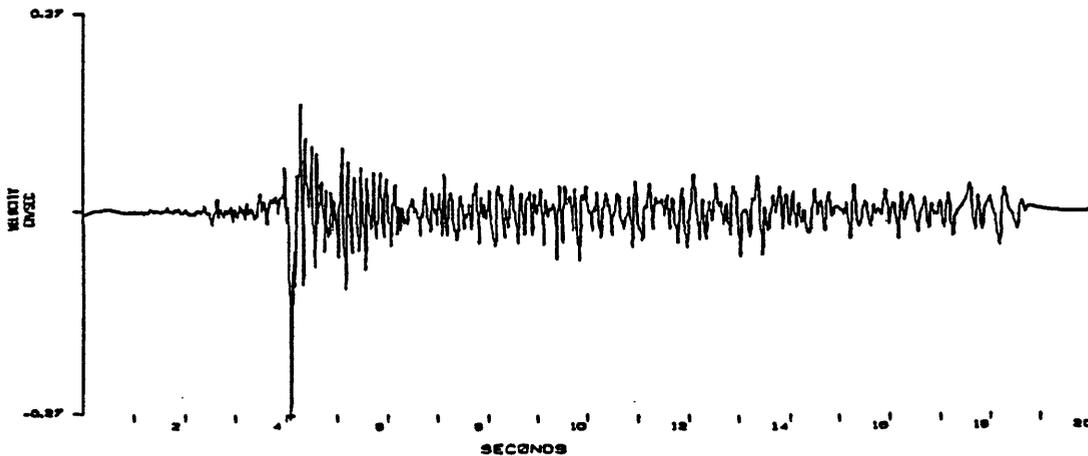
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4



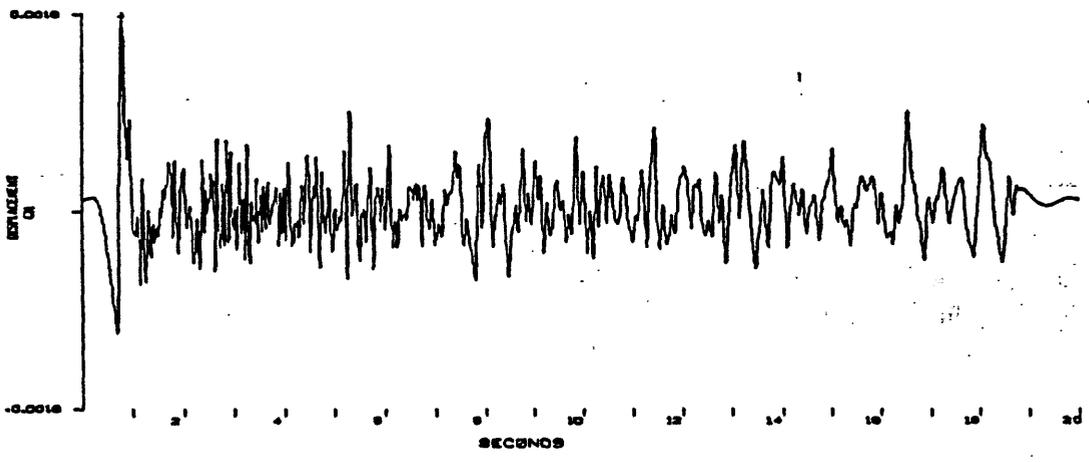
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4



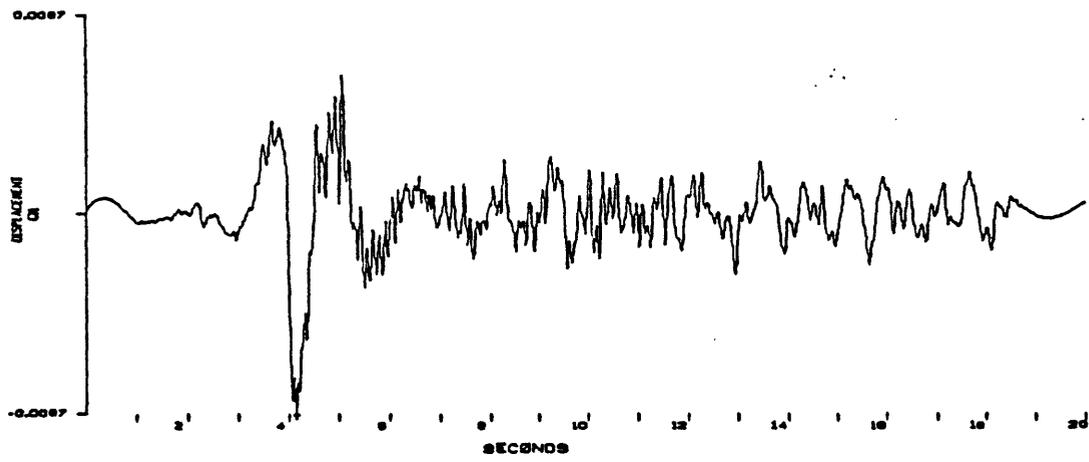
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4



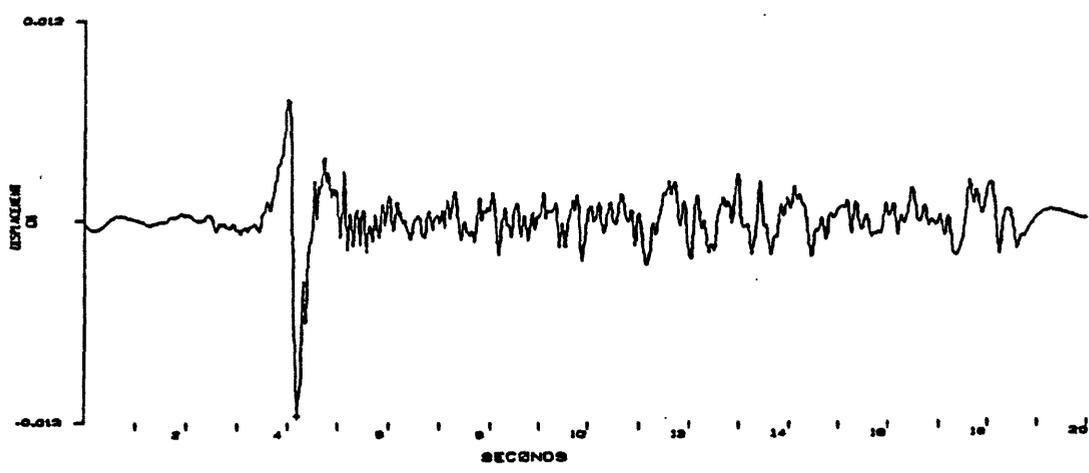
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SPN, VEH7



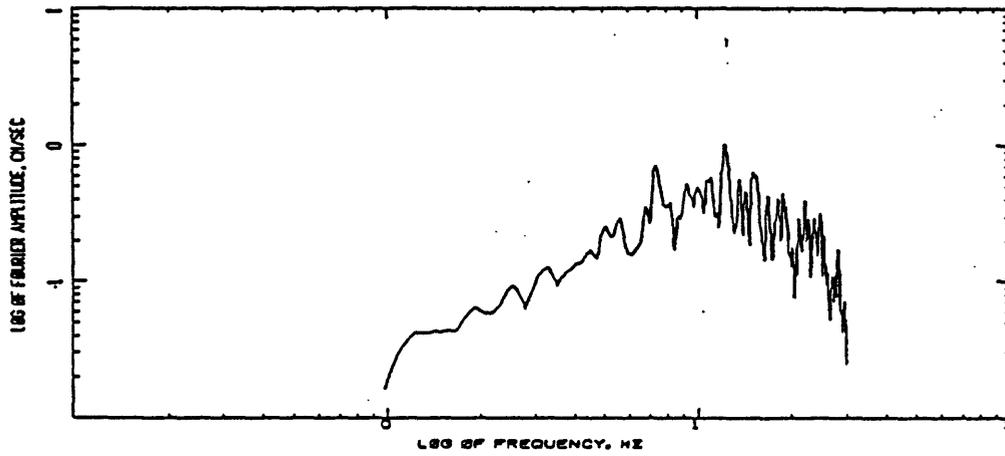
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SPN, OBB



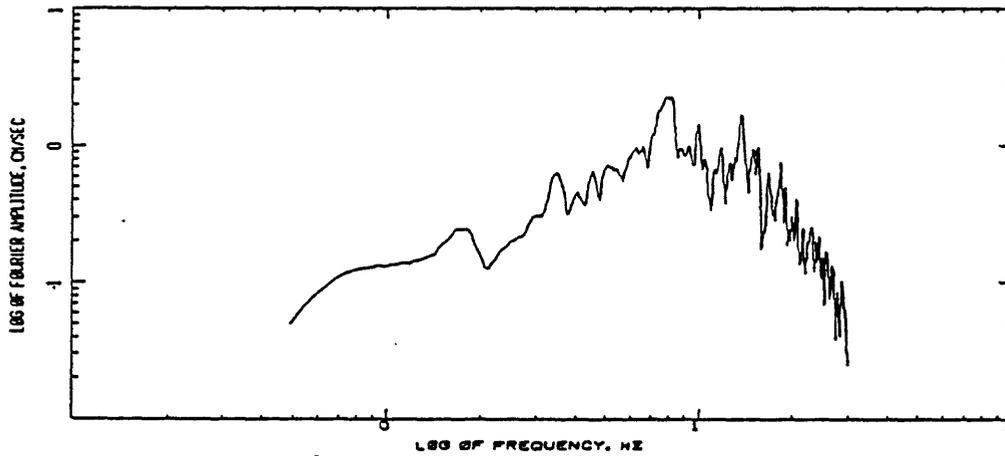
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SPN, OBB



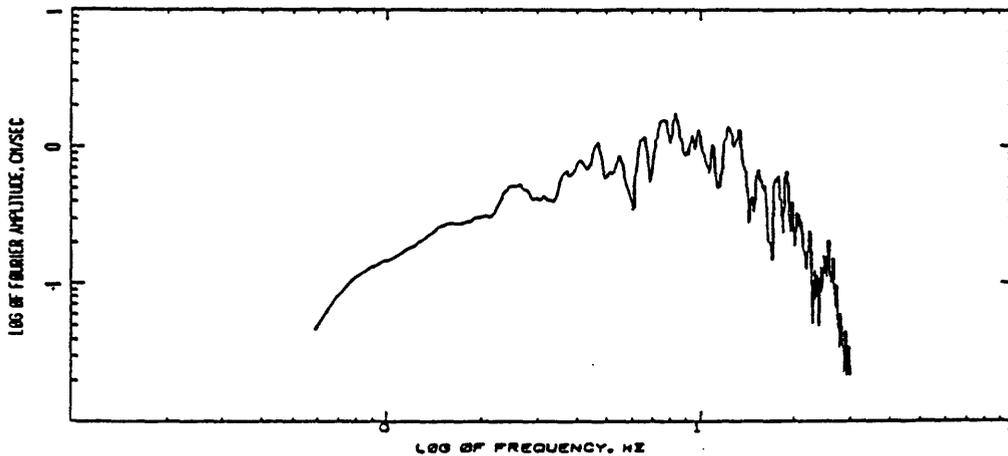
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/25/76, 01:43:16 UTC, ML=3.4
STATION 62N, 001
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONoise



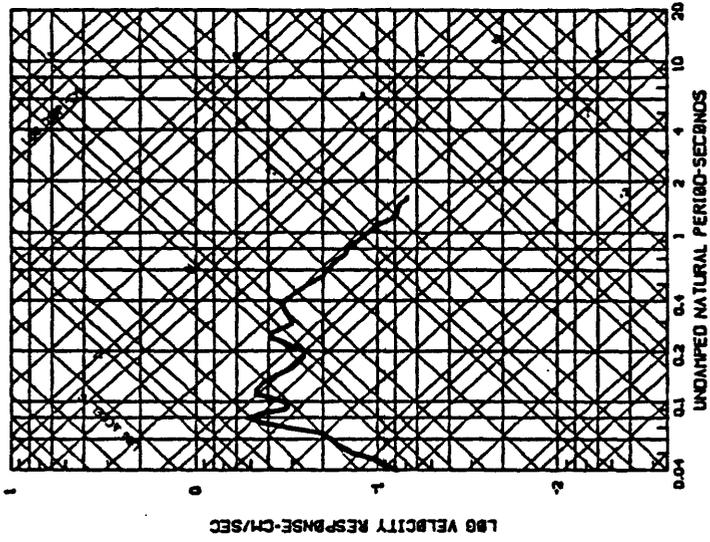
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/25/76, 01:43:16 UTC, ML=3.4
STATION 62N, 001
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONoise



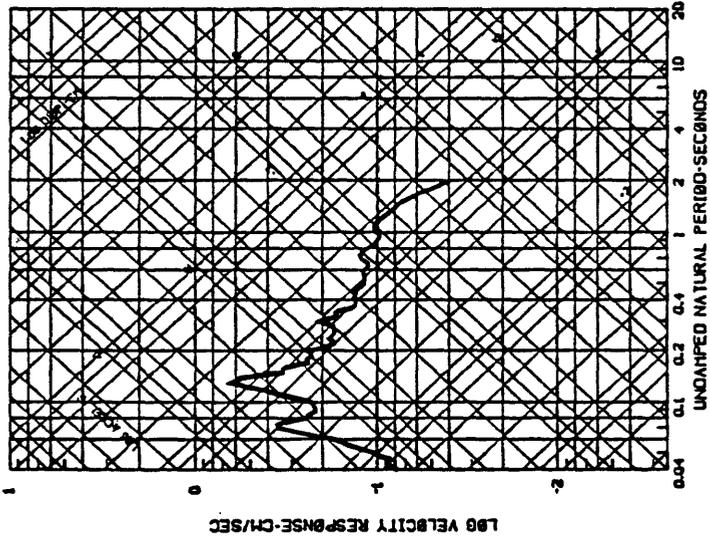
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/25/76, 01:43:16 UTC, ML=3.4
STATION 62N, 001
COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONoise



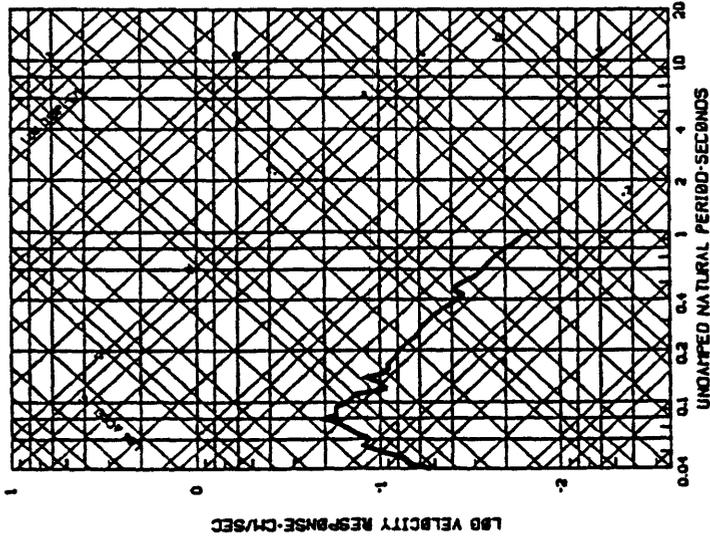
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 000, 5 PERCENT CRITICAL DAMPING



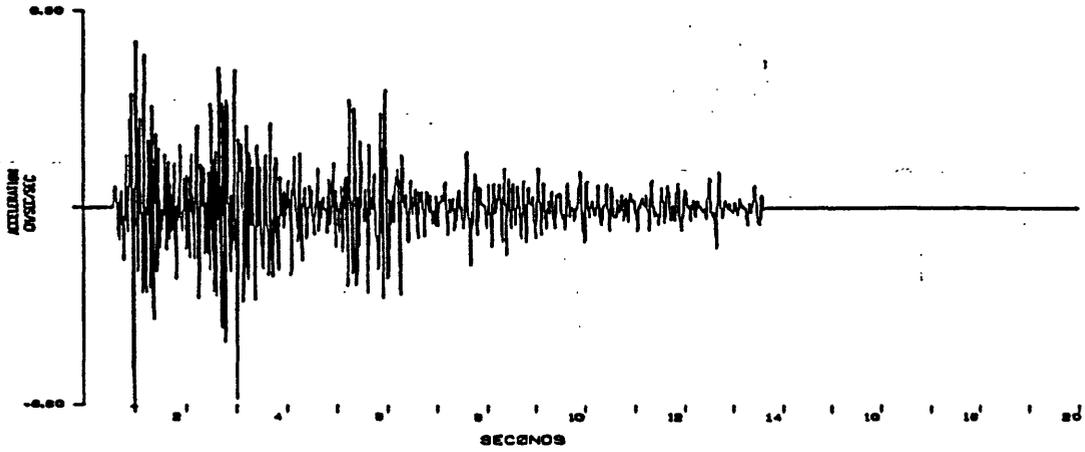
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 000, 5 PERCENT CRITICAL DAMPING



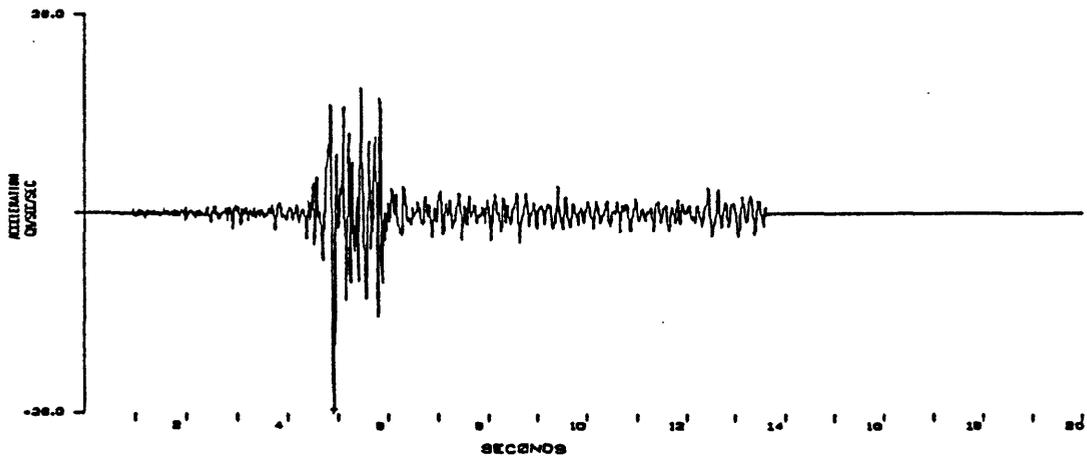
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 000, 5 PERCENT CRITICAL DAMPING



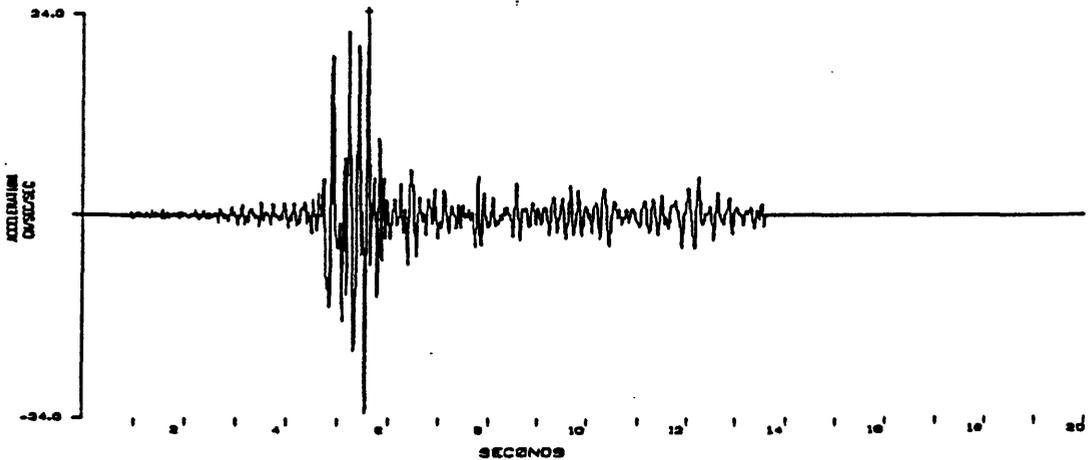
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 907



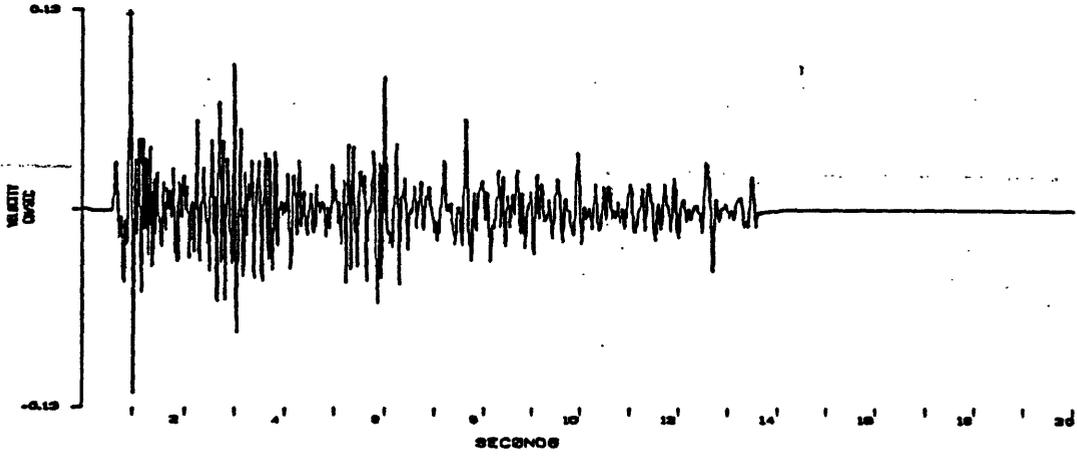
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 000



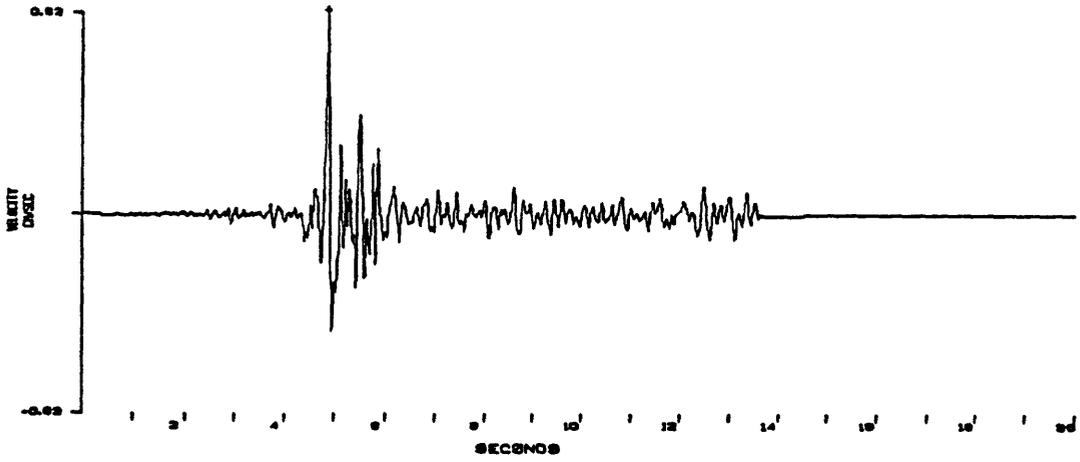
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 070



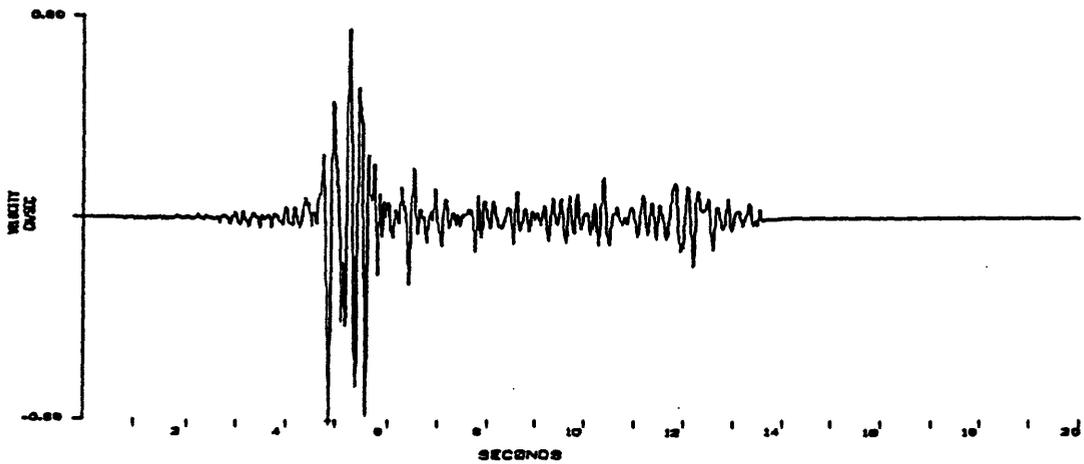
IMPERIAL VALLEY EARTHQUAKE, 12/31/79, 11:43:48 UTC, ML-3.4
STATION NOS. 064



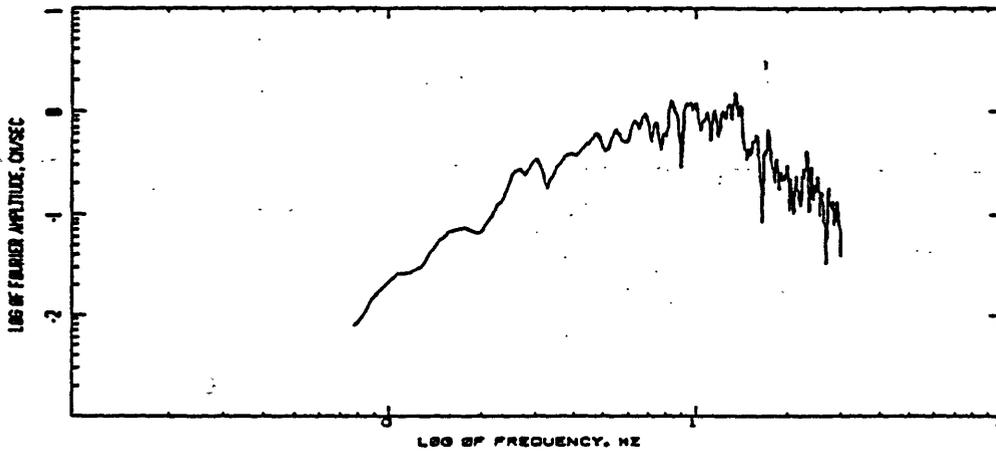
IMPERIAL VALLEY EARTHQUAKE, 12/31/79, 11:43:48 UTC, ML-3.4
STATION NOS. 065



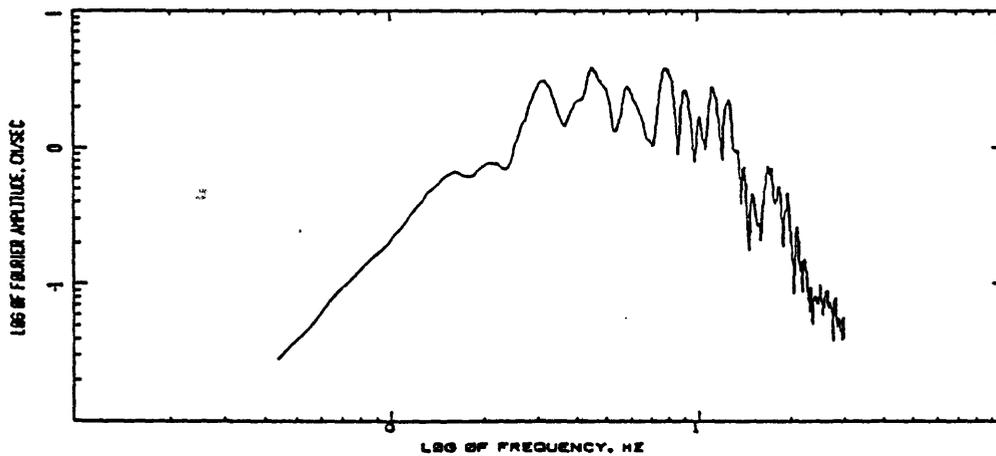
IMPERIAL VALLEY EARTHQUAKE, 12/31/79, 11:43:48 UTC, ML-3.4
STATION NOS. 066



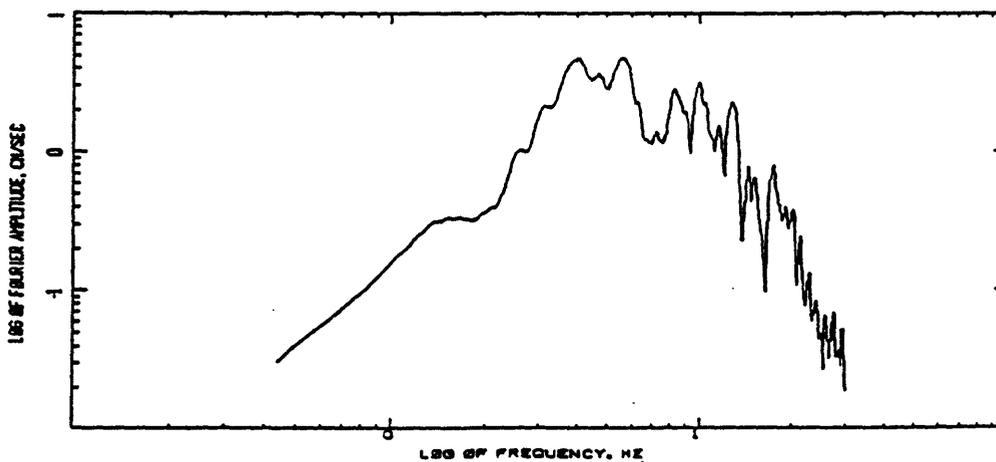
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:28 UTC, ML=3.4
STATION: 405.000
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSISE



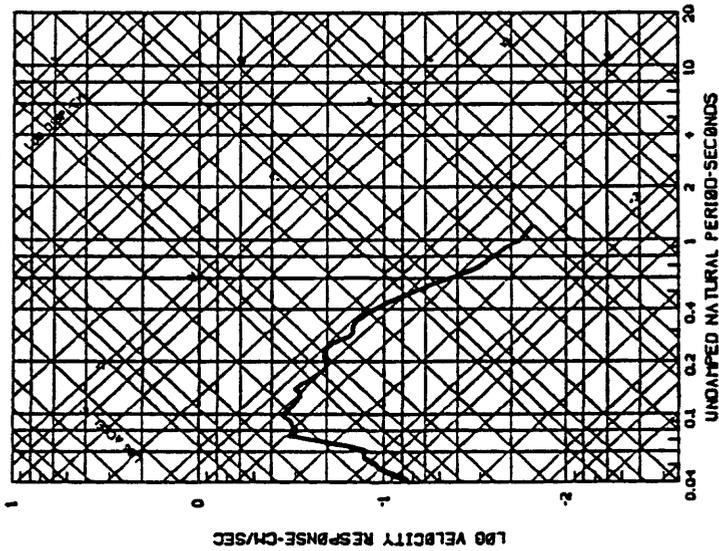
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:28 UTC, ML=3.4
STATION: 405.000
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSISE



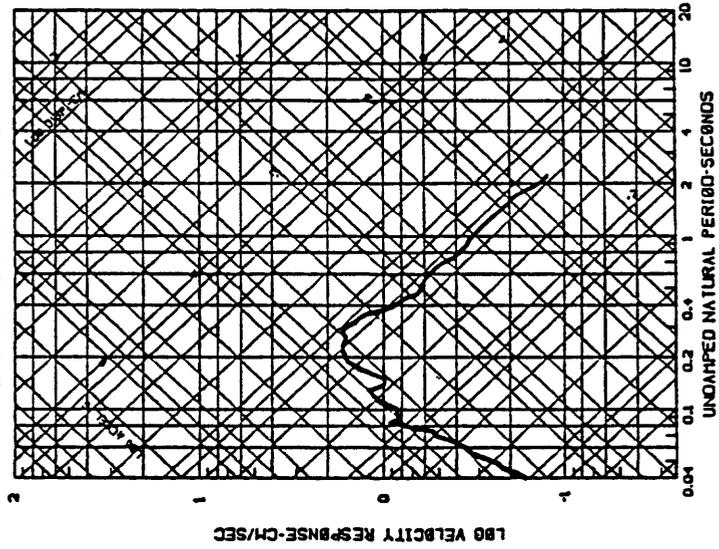
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:28 UTC, ML=3.4
STATION: 405.000
COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSISE



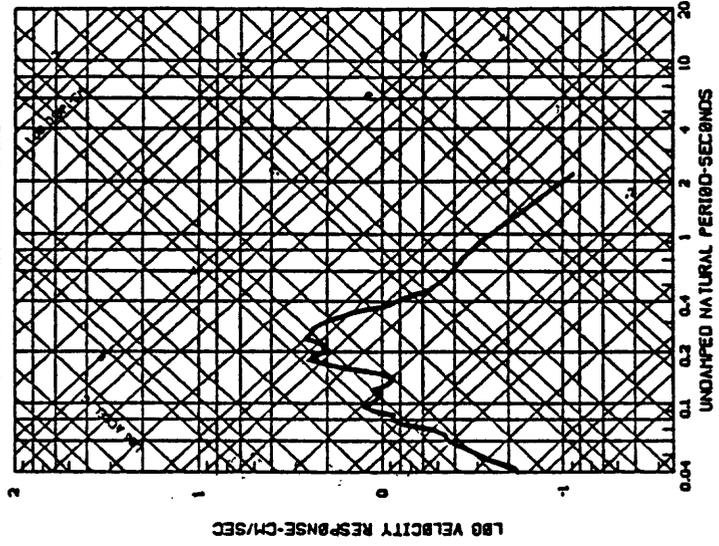
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:16 UTC, ML-3.4
STATION HVS, VERT
5 PERCENT CRITICAL DAMPING



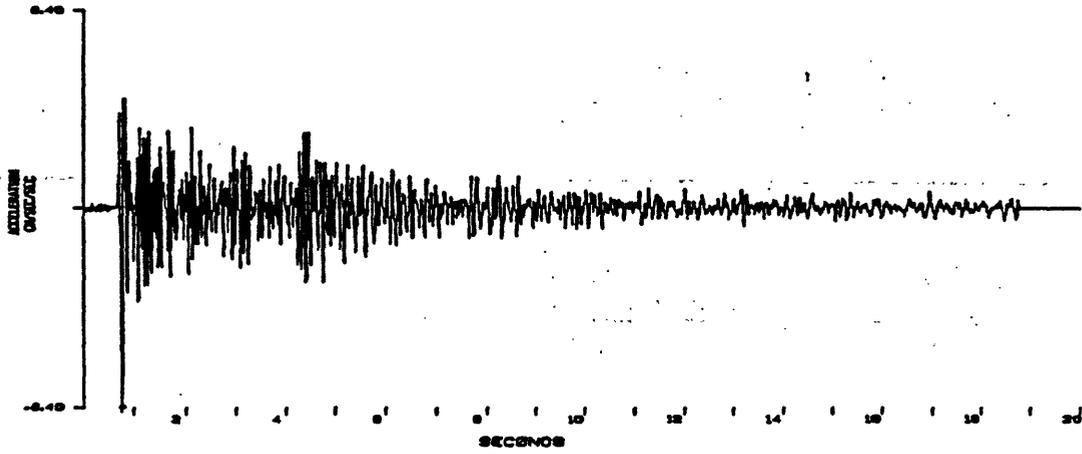
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:16 UTC, ML-3.4
STATION HVS, 000
5 PERCENT CRITICAL DAMPING



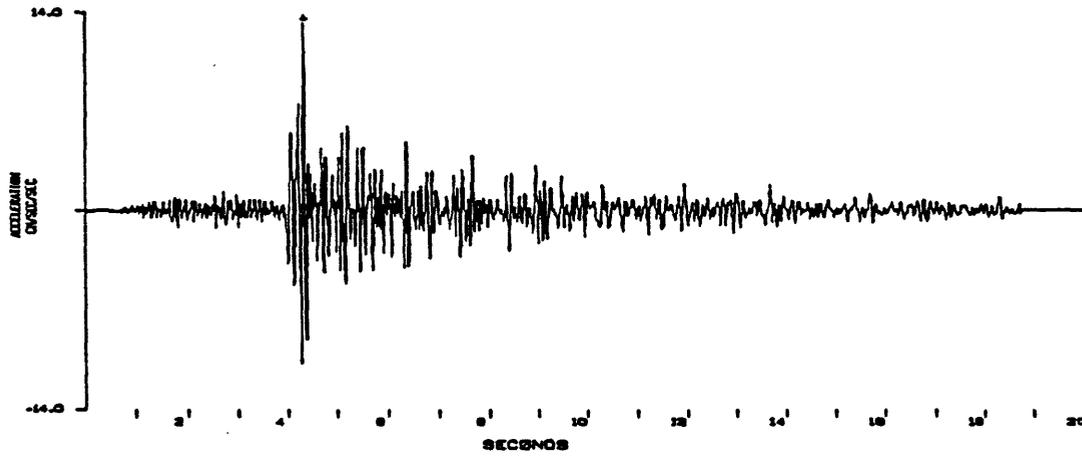
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:16 UTC, ML-3.4
STATION HVS, 270
5 PERCENT CRITICAL DAMPING



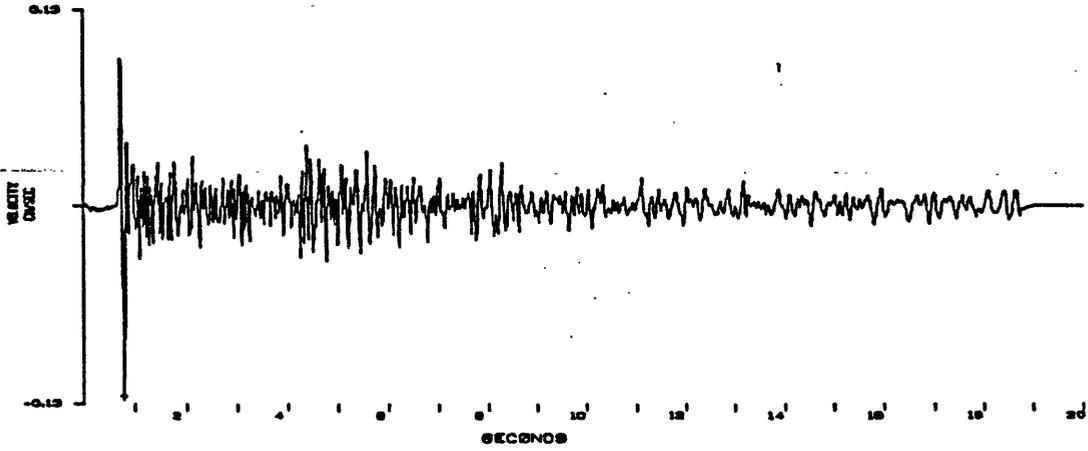
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION IVC, VERT



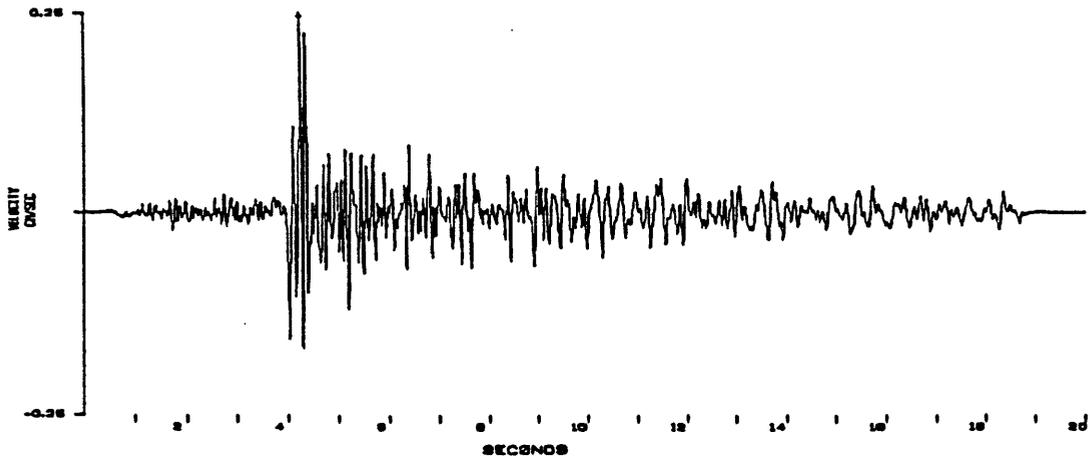
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION IVC, HOR



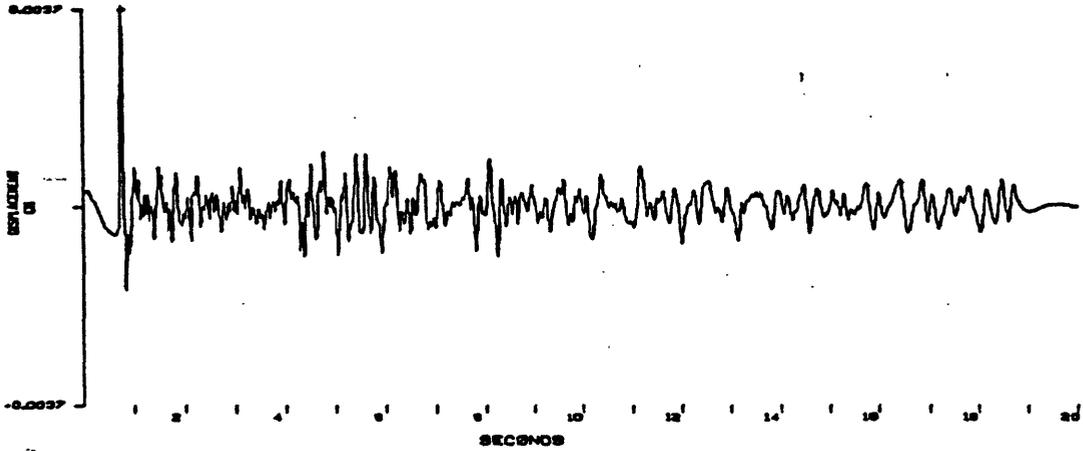
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION VC, VERT



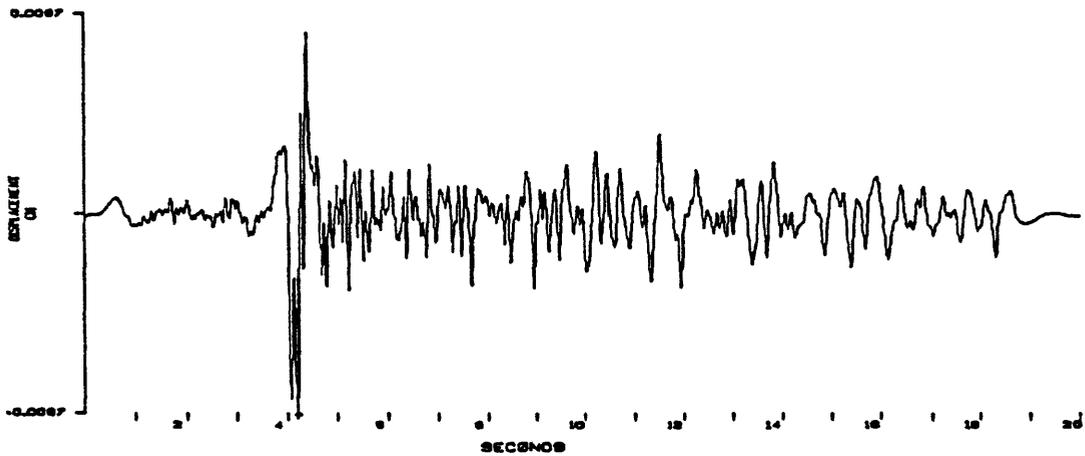
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION VC, BOB



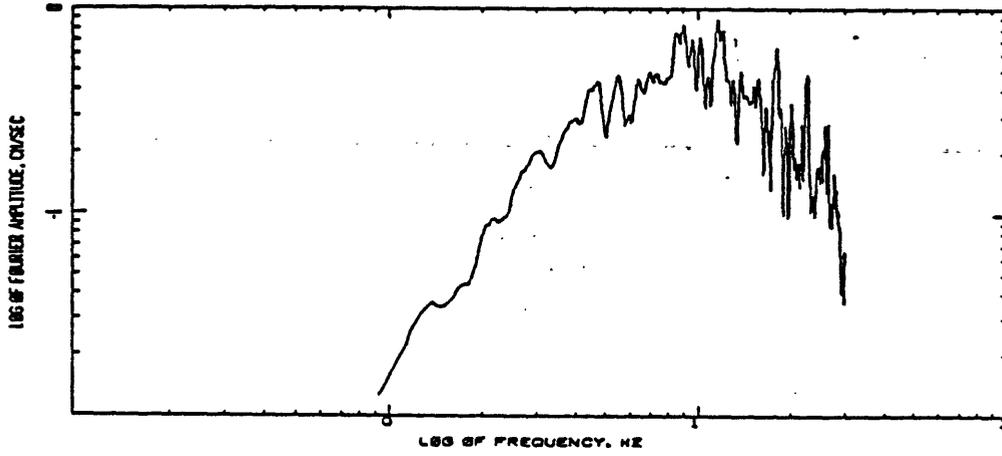
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 11:43:48 UTC, ML-3.4
STATION 102, VERT



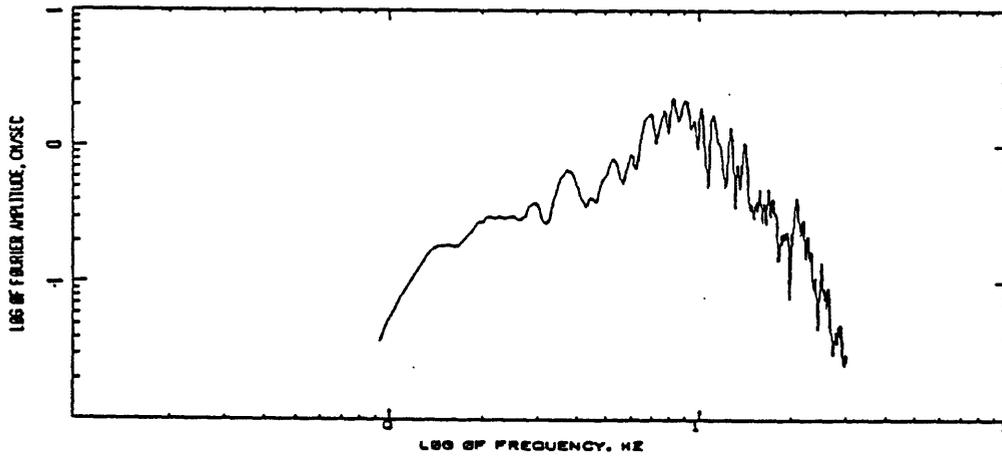
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 11:43:48 UTC, ML-3.4
STATION 102, BOU



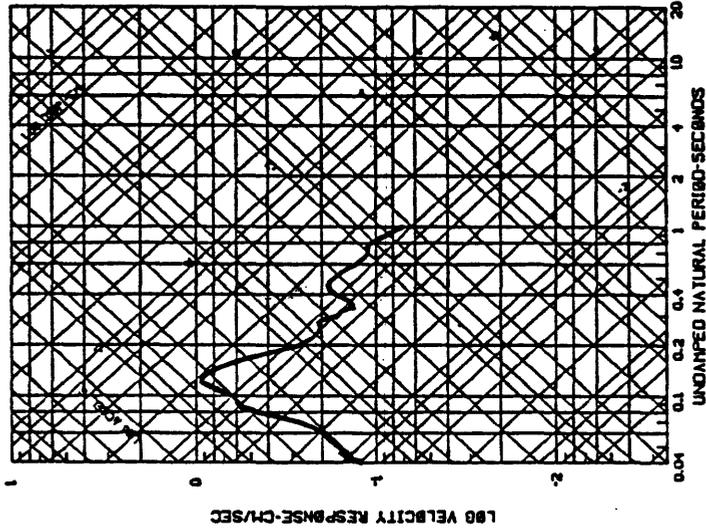
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07:51:29, 04/04/68 UTC, ML=5.4
STATION VC 600
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONGISE



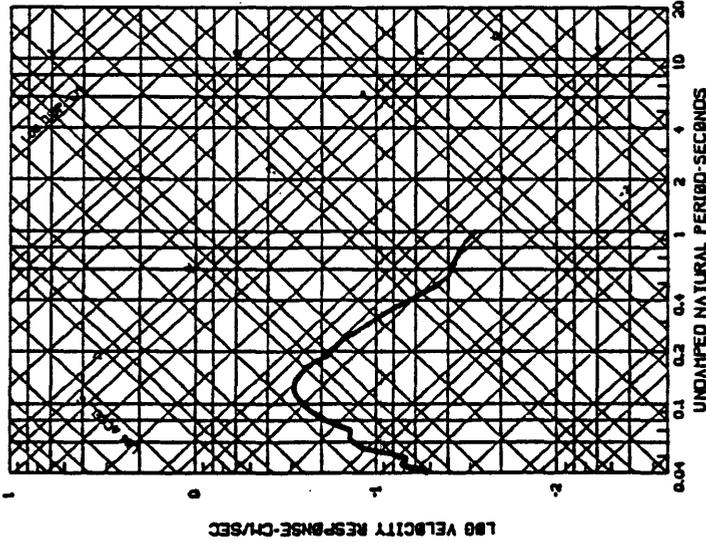
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07:51:29, 04/04/68 UTC, ML=5.4
STATION VC 600
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONGISE



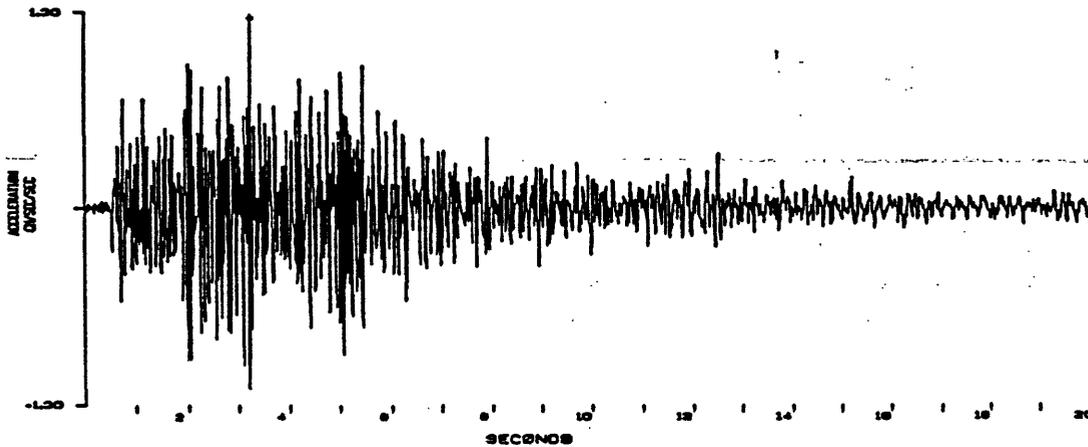
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:16 UTC, ML=3.4
 STATION VC 000
 5 PERCENT CRITICAL DAMPING



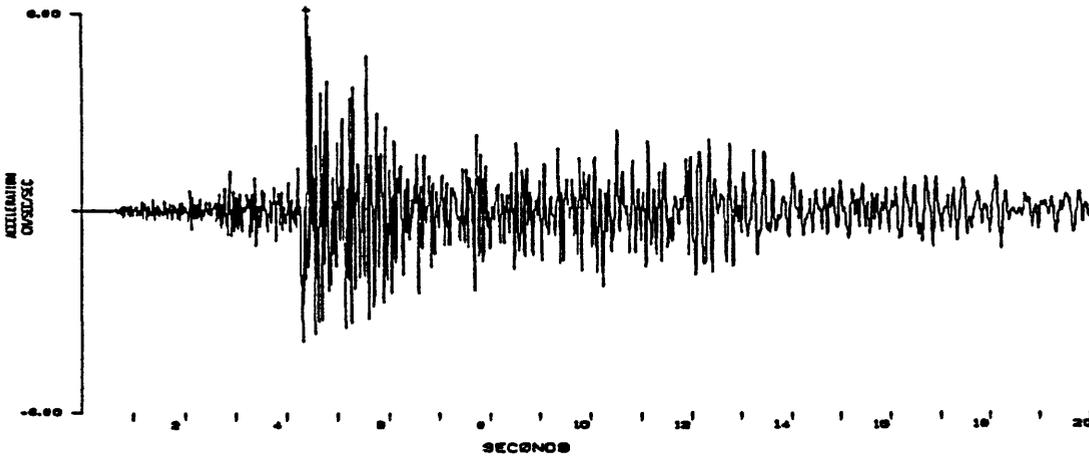
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:16 UTC, ML=3.4
 STATION VC 000
 5 PERCENT CRITICAL DAMPING



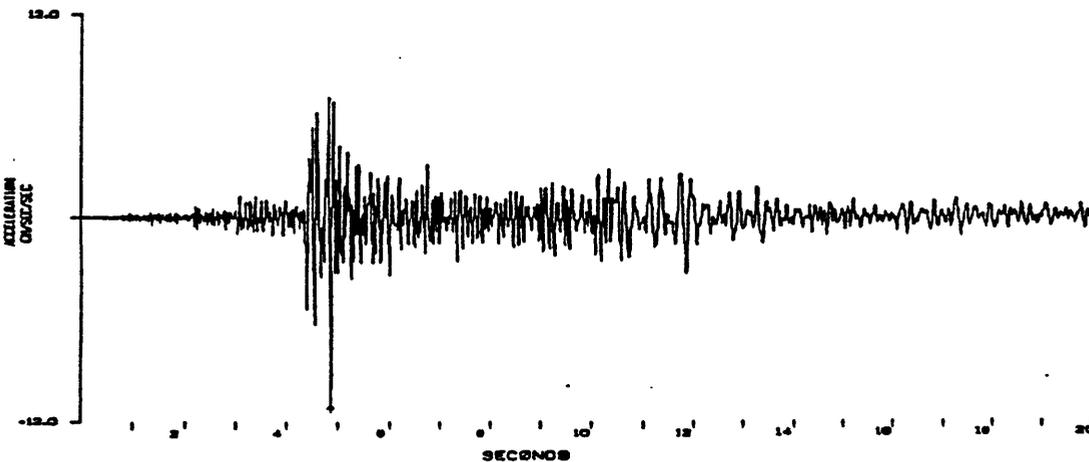
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, VENT



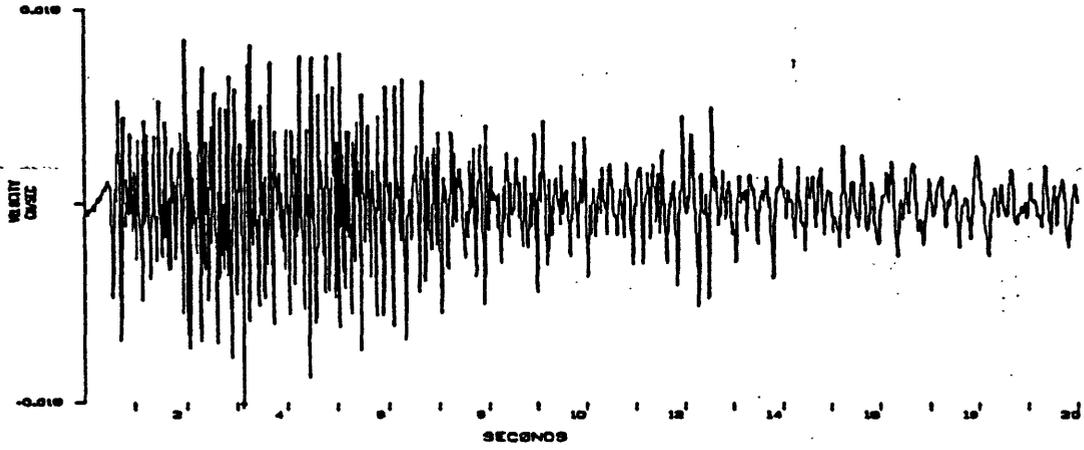
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, ODB



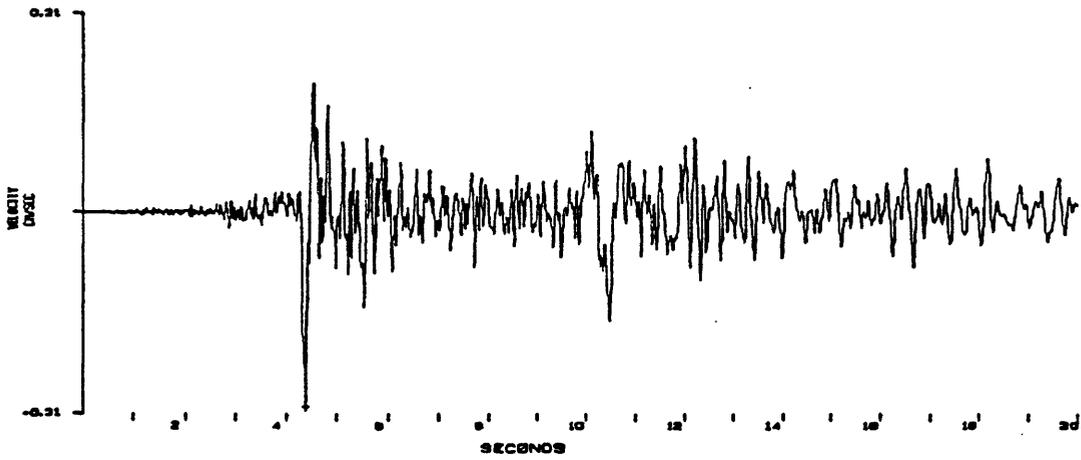
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, ODB



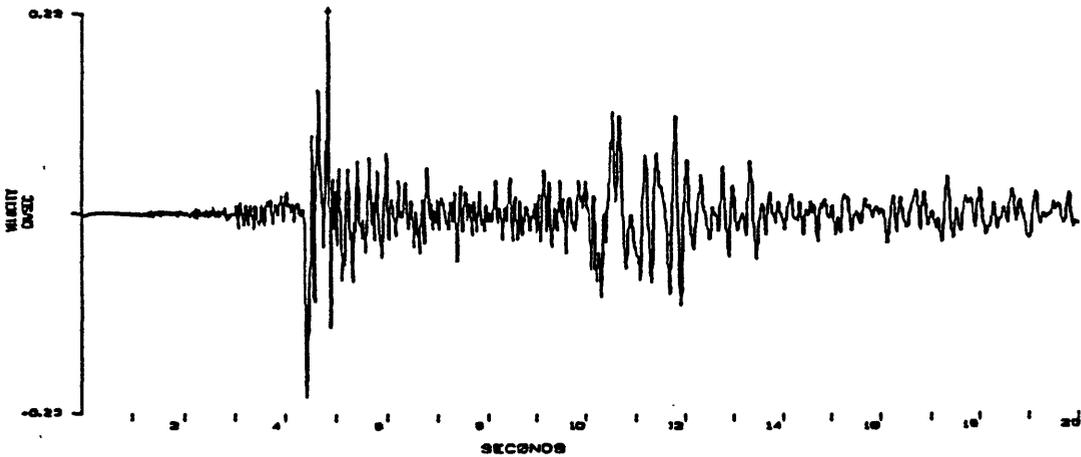
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION R08, VERT



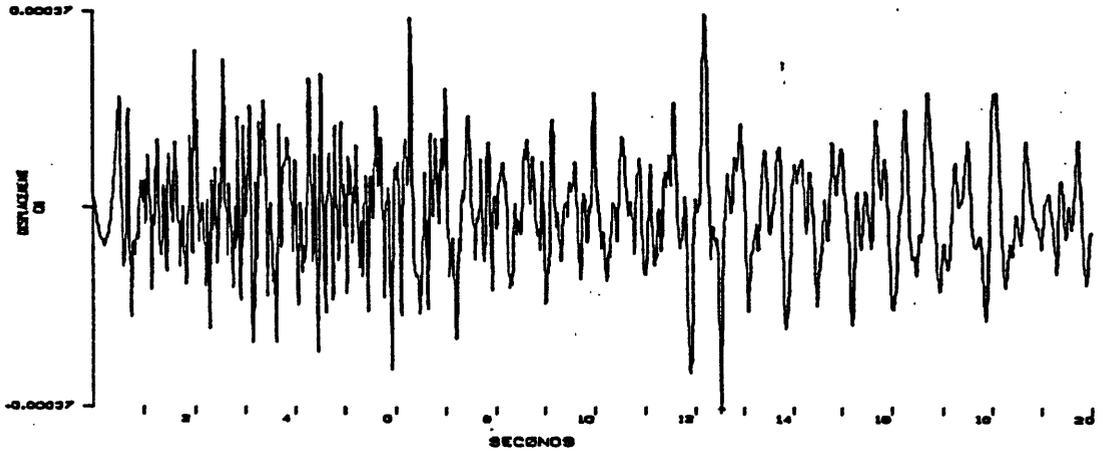
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION R08, O08



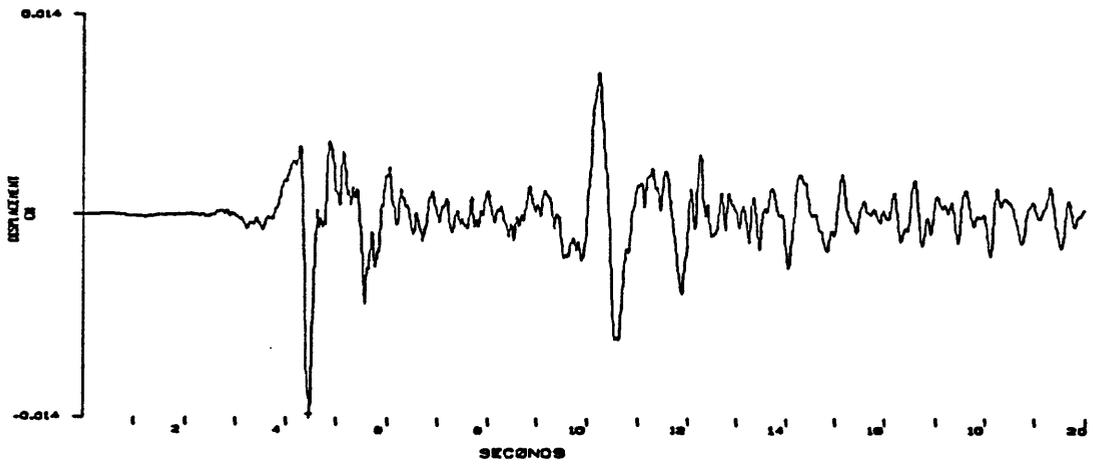
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION R08, O08



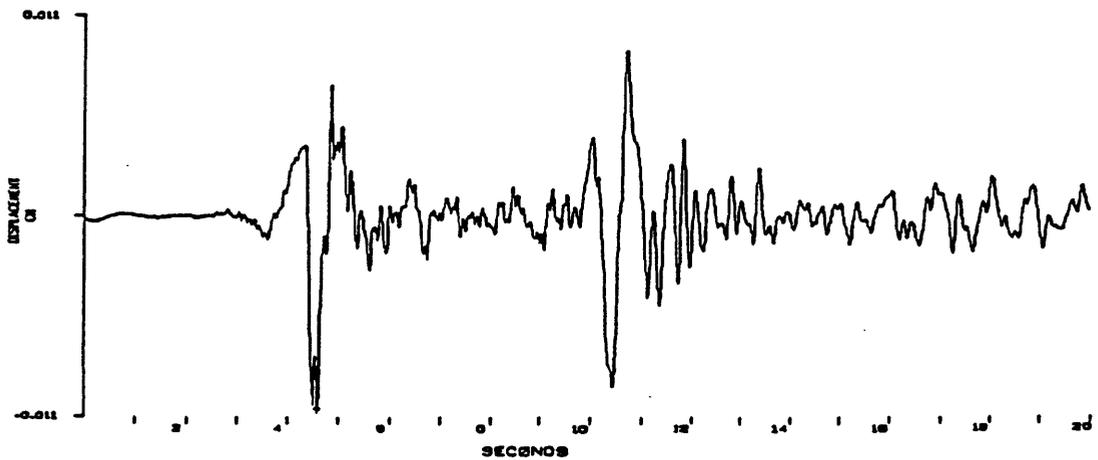
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, 2227



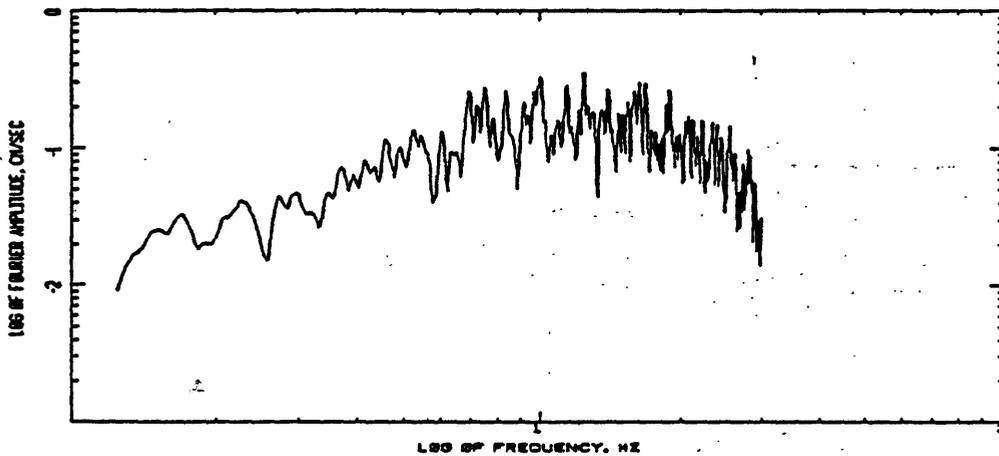
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, 008



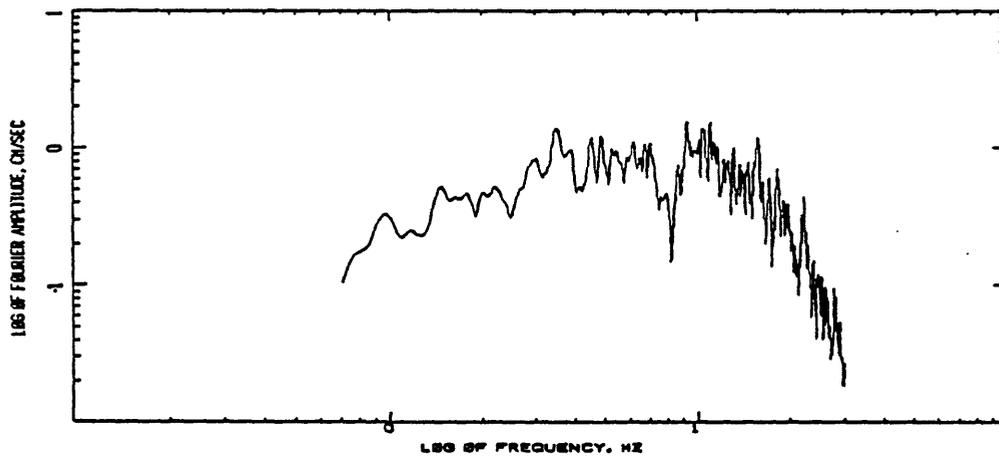
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, 005



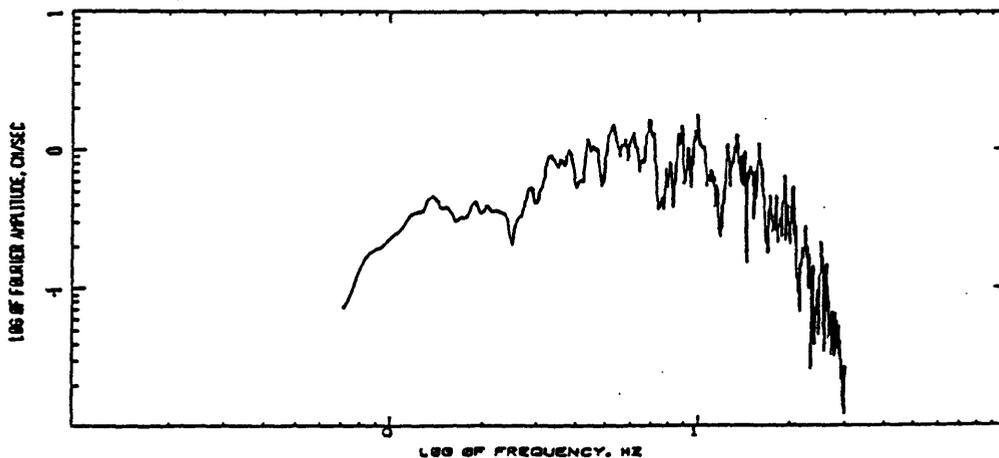
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073179.0143128 UTC. ML=3.4
STATION 389.001
COMPUTING OPTIONS- ZCRSS.SMOETHKIO.NONSISE



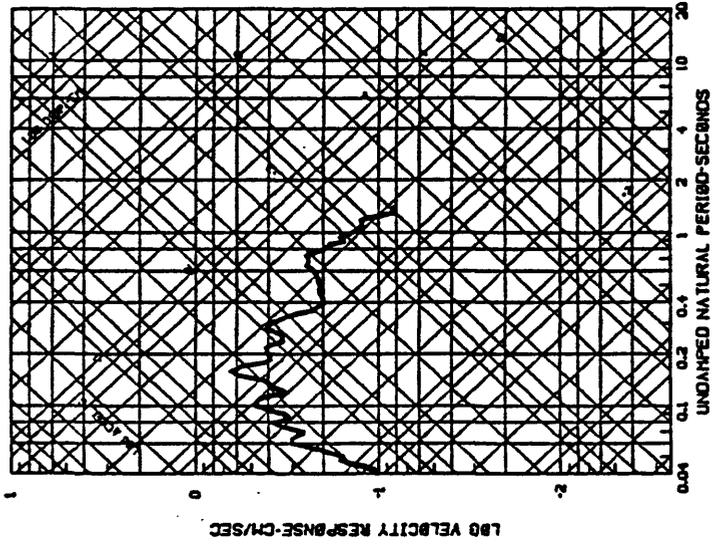
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073179.0143128 UTC. ML=3.4
STATION 389.001
COMPUTING OPTIONS- ZCRSS.SMOETHKIO.NONSISE



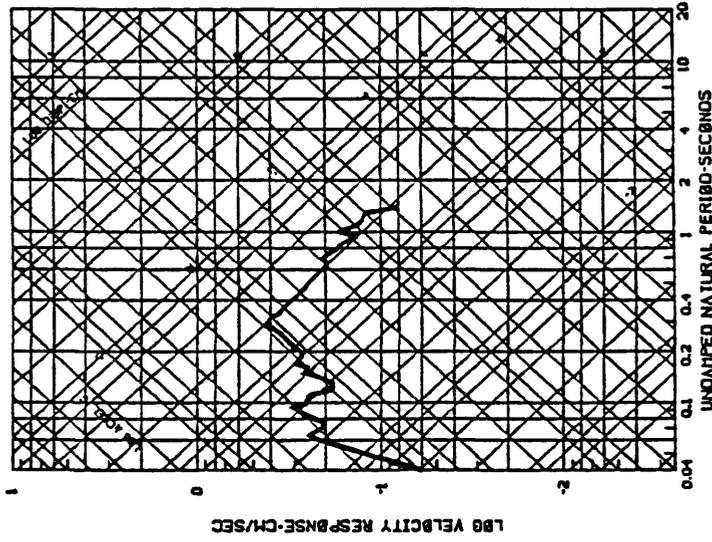
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE 1073179.0143128 UTC. ML=3.4
STATION 389.001
COMPUTING OPTIONS- ZCRSS.SMOETHKIO.NONSISE



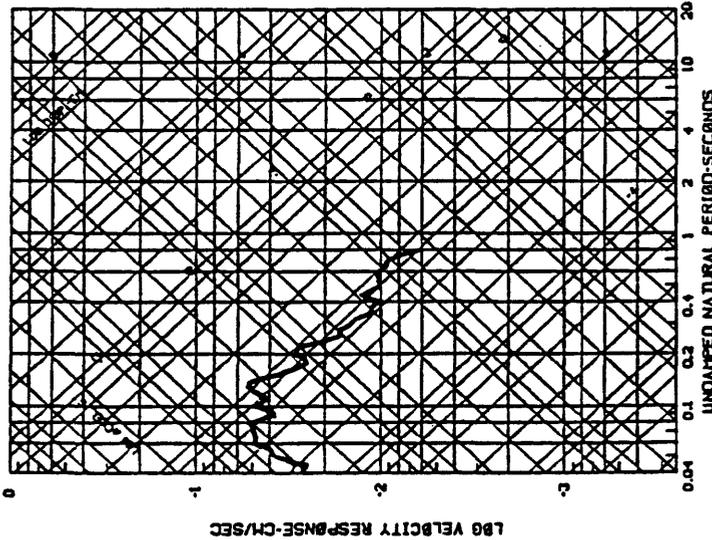
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:10 UTC, ML-3.4
 STATION 873, 0.000 PERCENT CRITICAL DAMPING



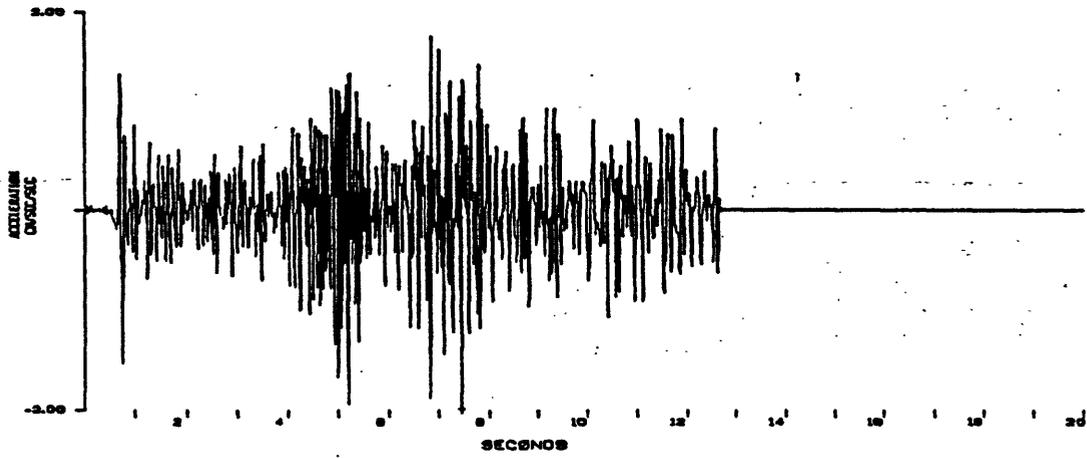
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:10 UTC, ML-3.4
 STATION 873, 0.000 PERCENT CRITICAL DAMPING



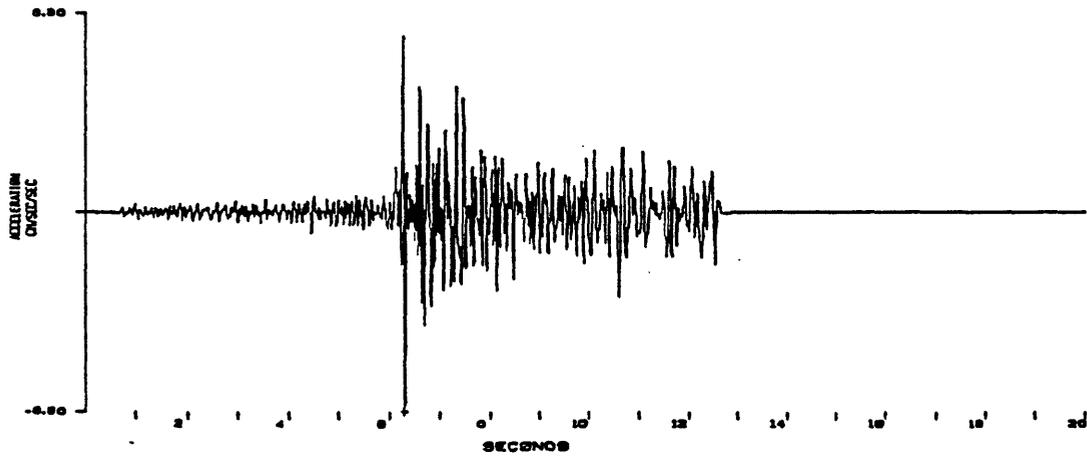
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:10 UTC, ML-3.4
 STATION 873, 0.000 PERCENT CRITICAL DAMPING



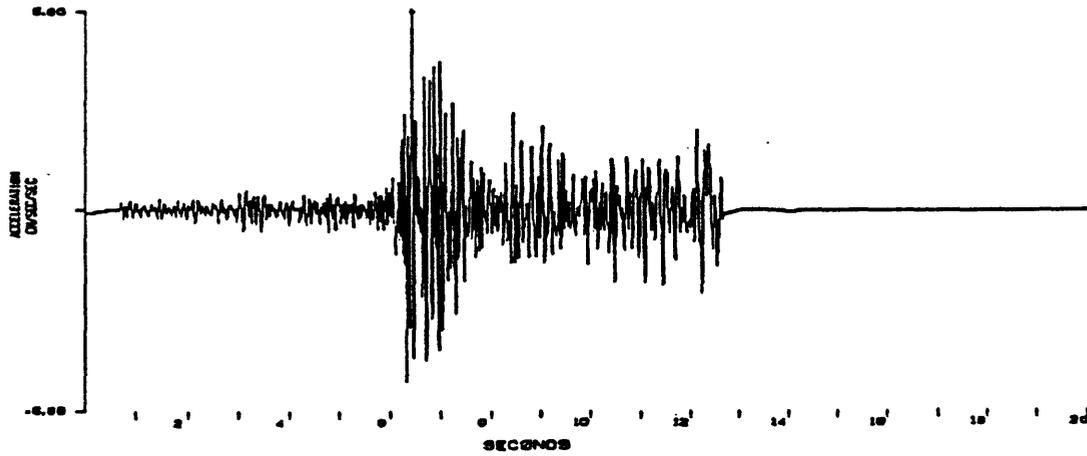
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SLD, 9247



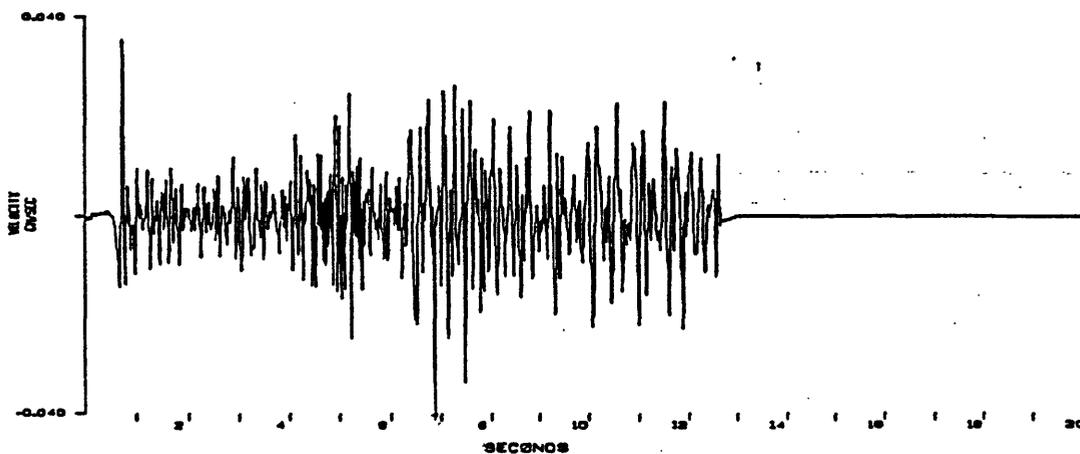
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SLD, 600



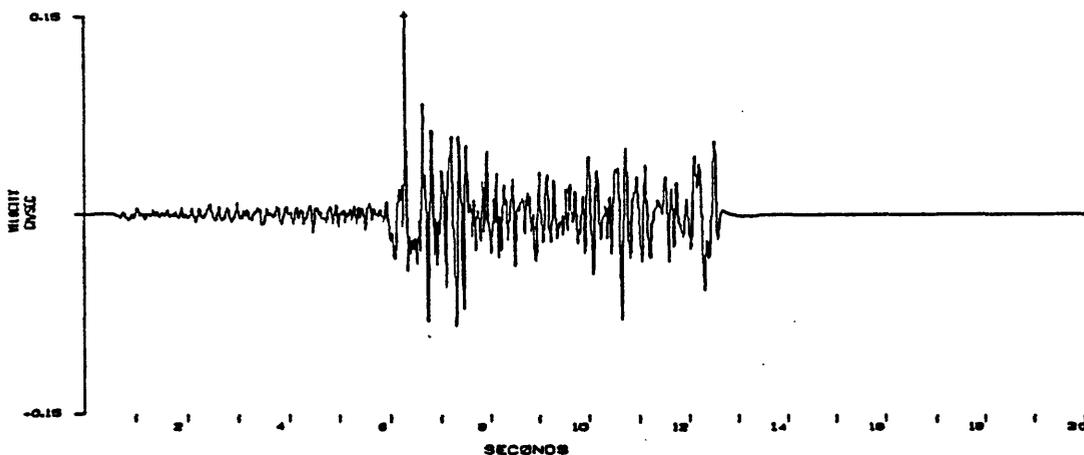
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION SLD, 270



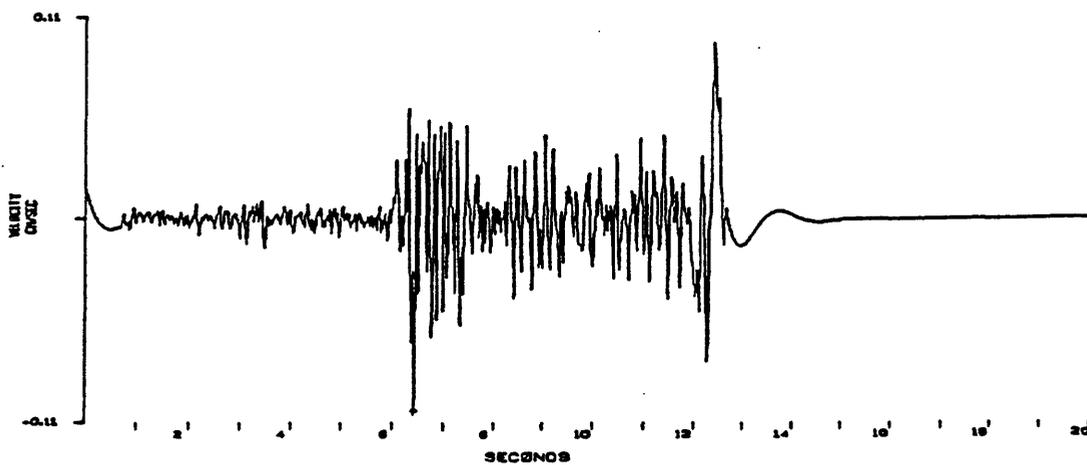
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



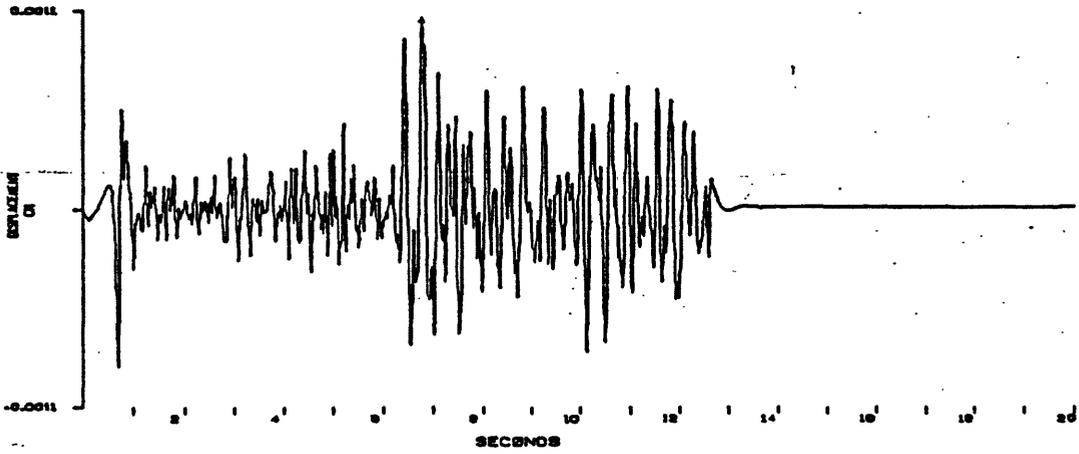
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



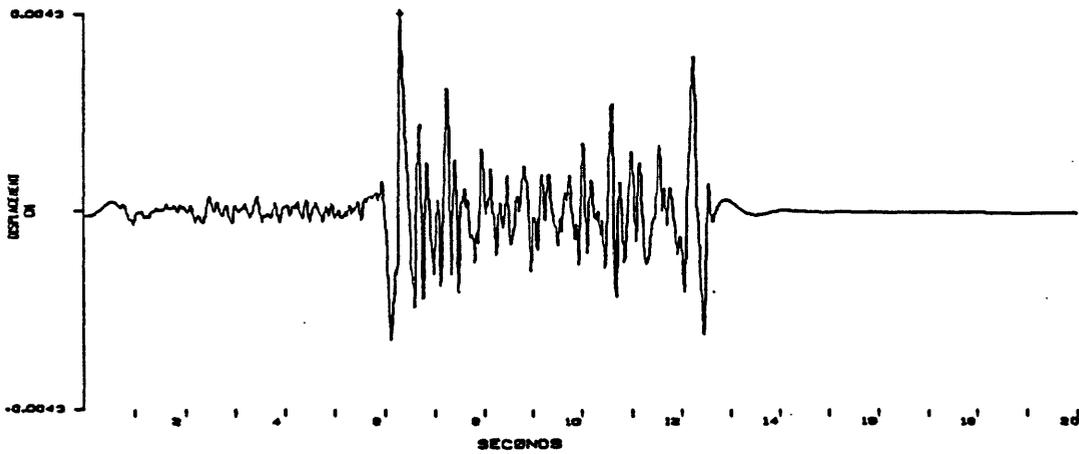
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4



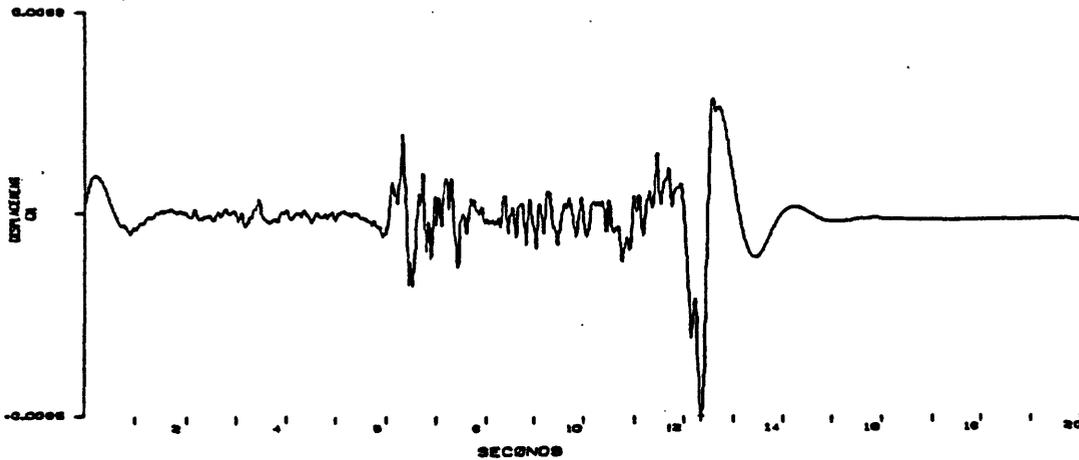
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION SLC, VEAT



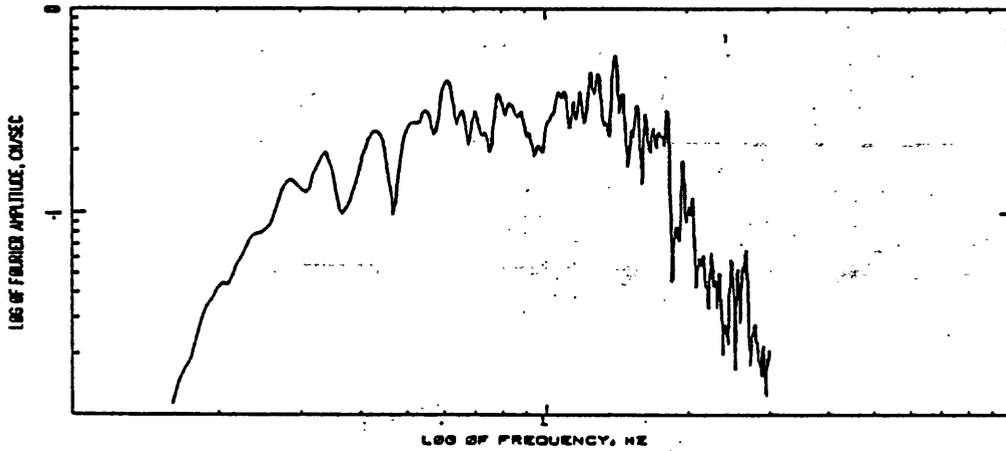
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION SLC, B00



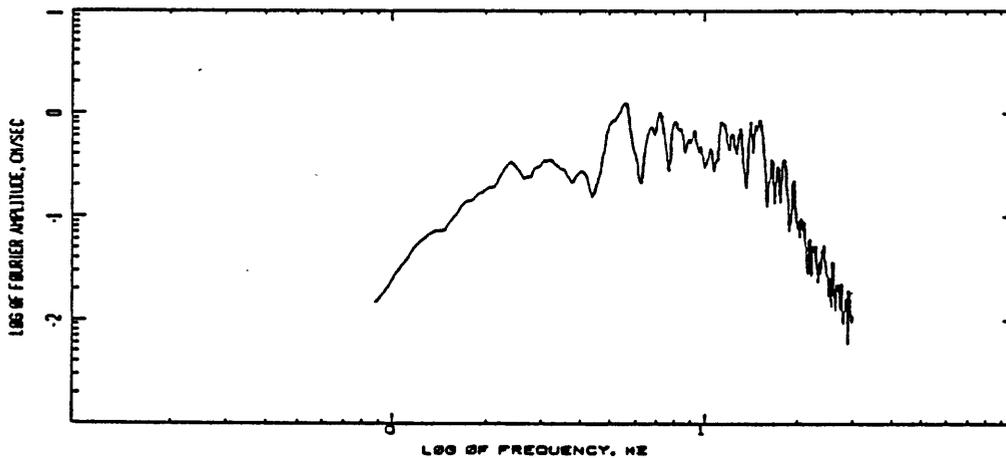
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 11:43:48 UTC, ML-3.4
STATION SLC, 270



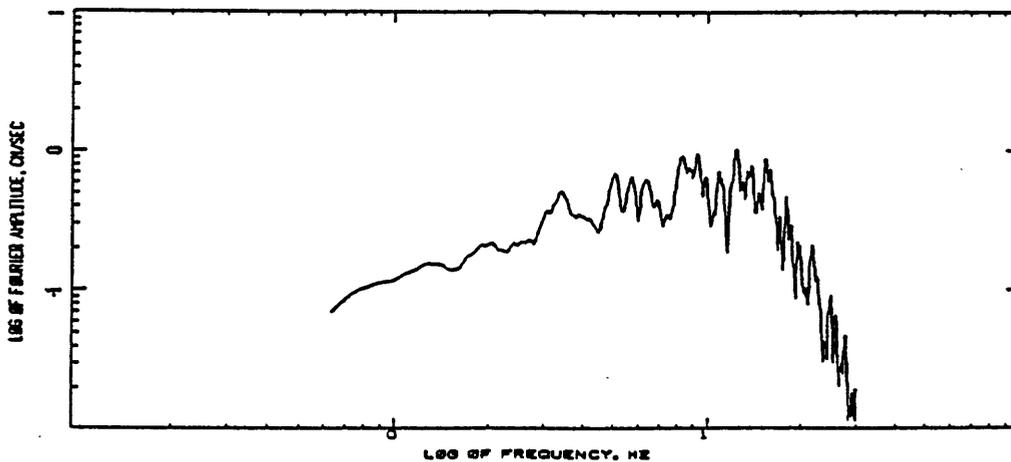
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1975/12/9, 11:43:28 UTC, ML=3.4
STATION 106-000
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



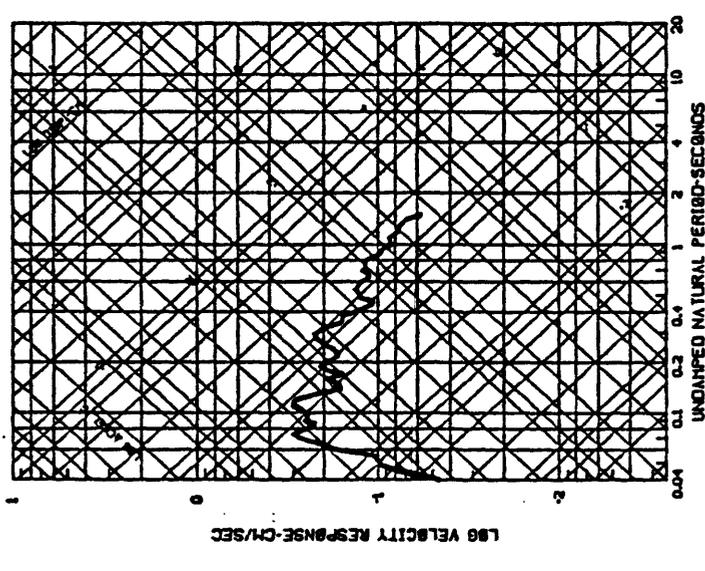
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1975/12/9, 11:43:28 UTC, ML=3.4
STATION 106-000
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



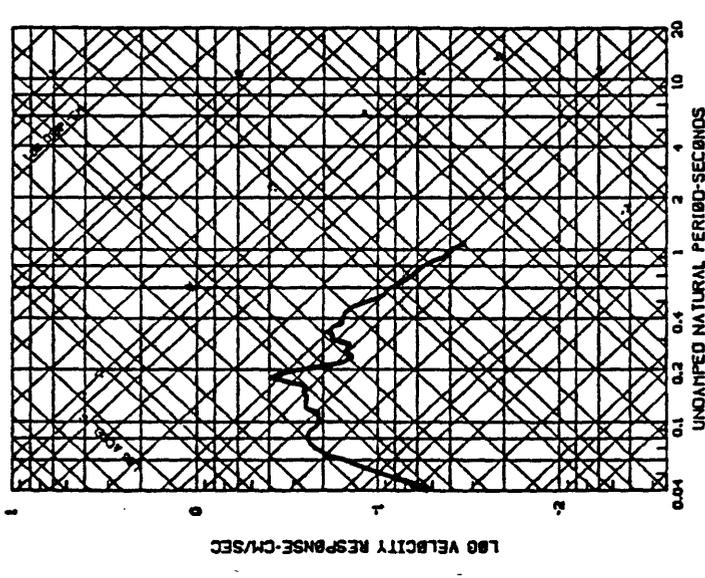
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1975/12/9, 11:43:28 UTC, ML=3.4
STATION 106-000
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



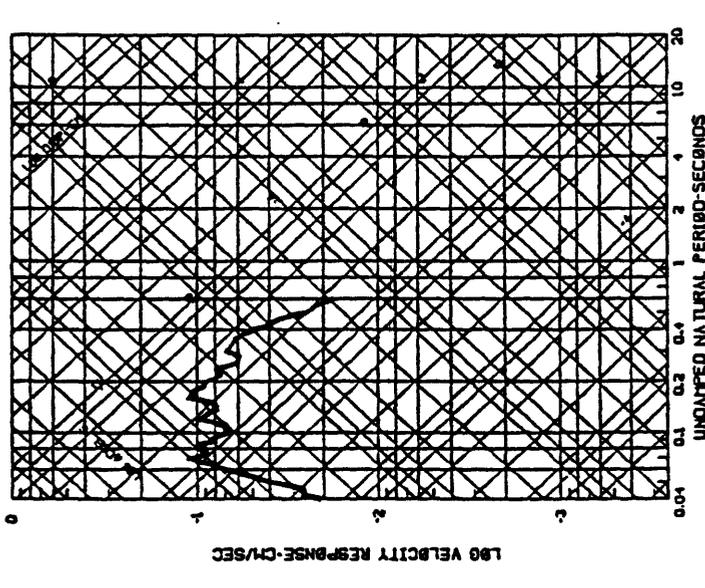
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. 270
 5 PERCENT CRITICAL DAMPING



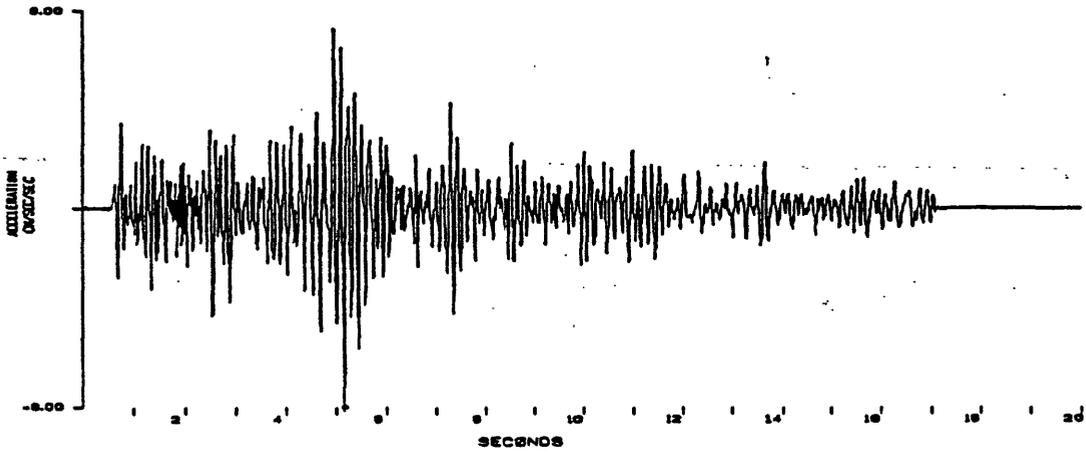
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. 000
 5 PERCENT CRITICAL DAMPING



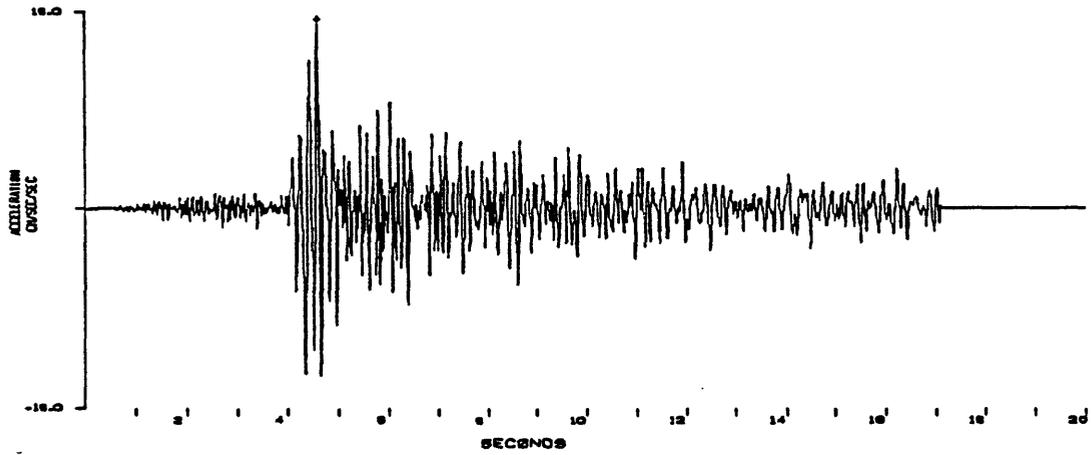
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. VERI
 5 PERCENT CRITICAL DAMPING



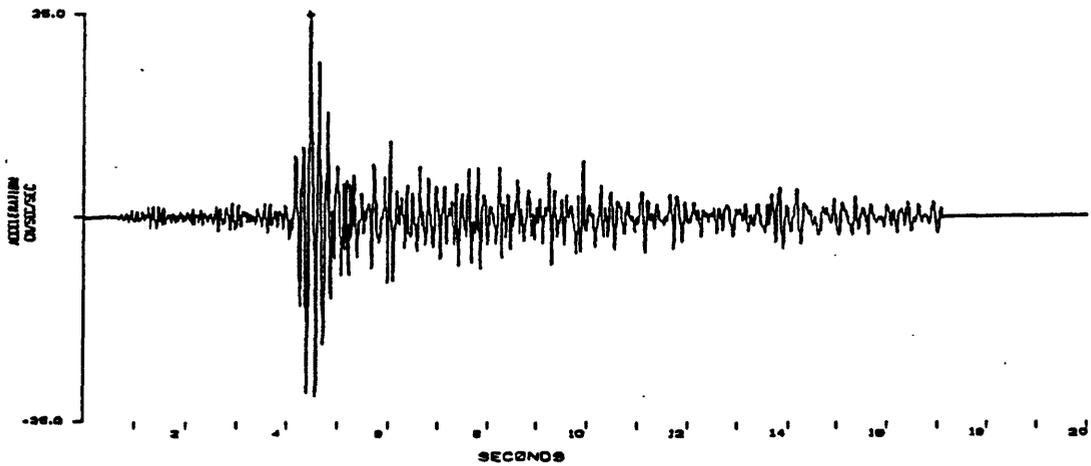
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, VERT



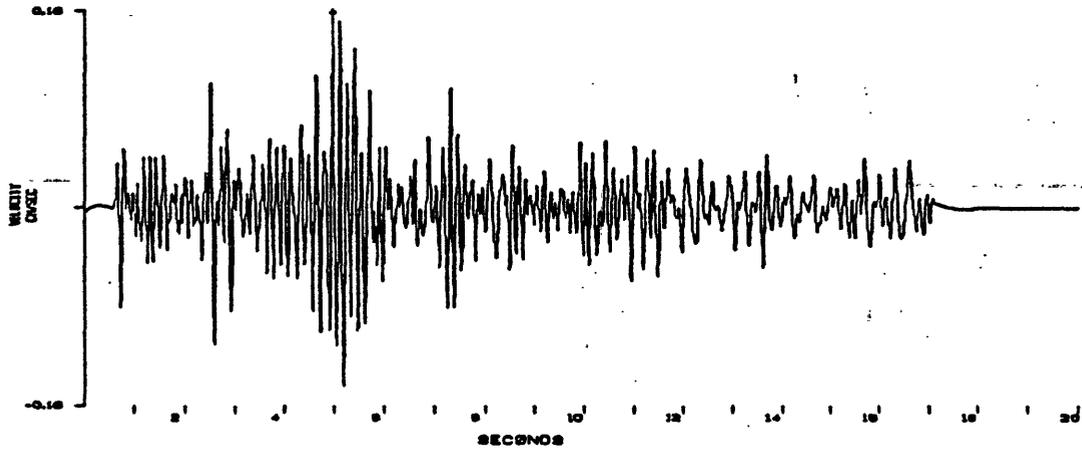
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, OOD



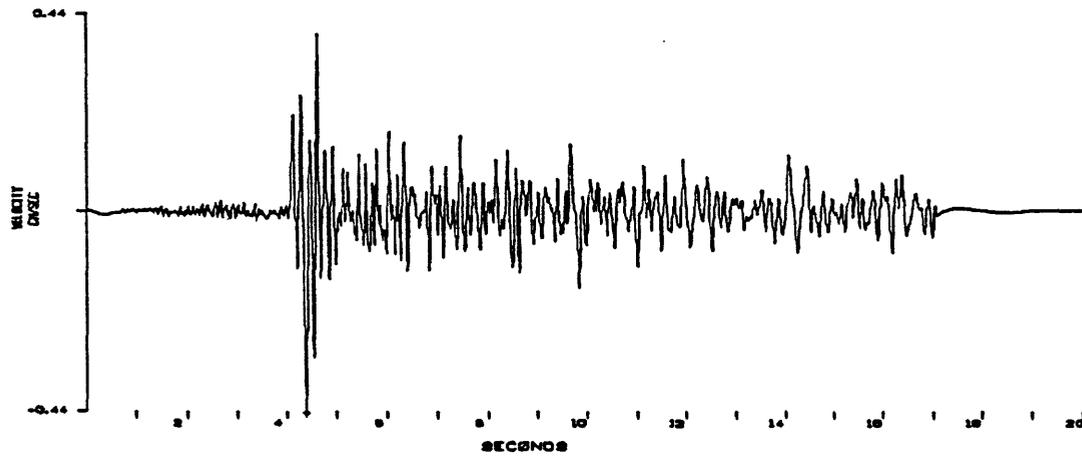
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, 27D



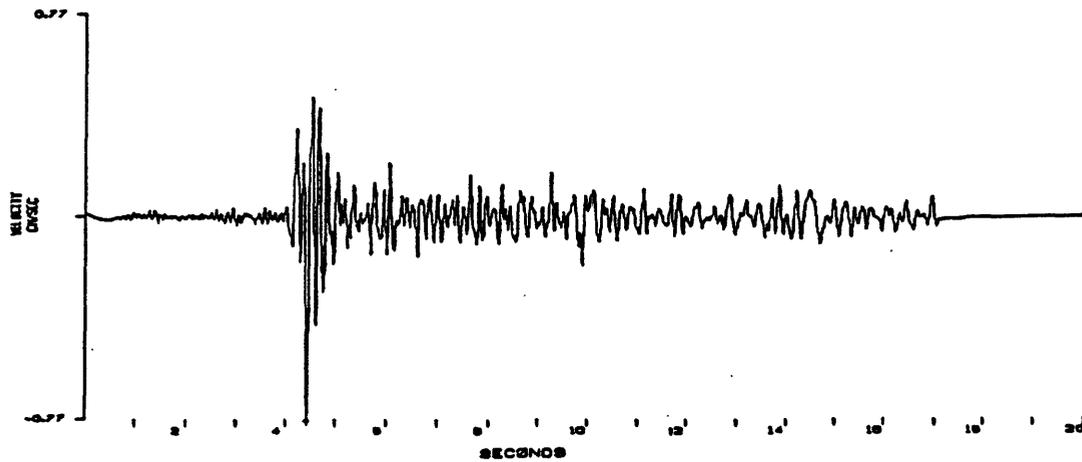
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:03:30 UTC, ML-3.8
STATION AFB, 927



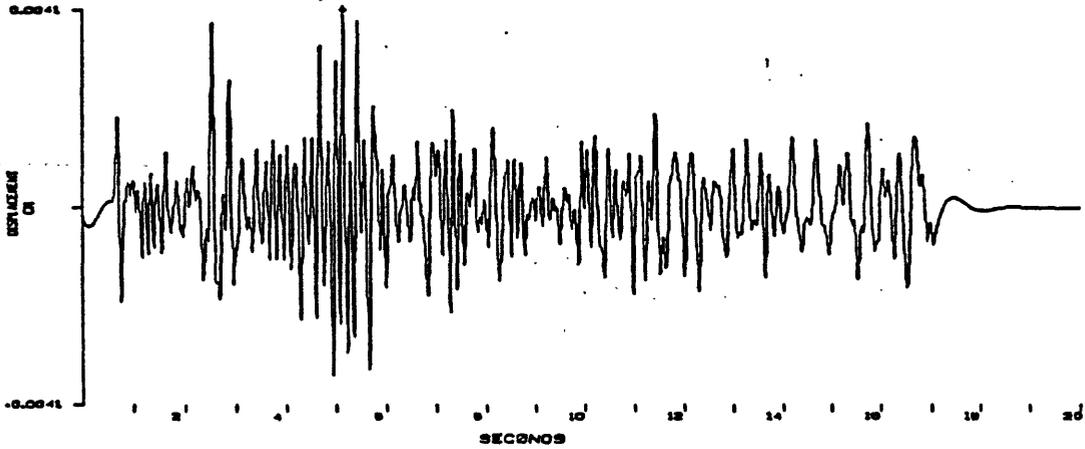
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 000



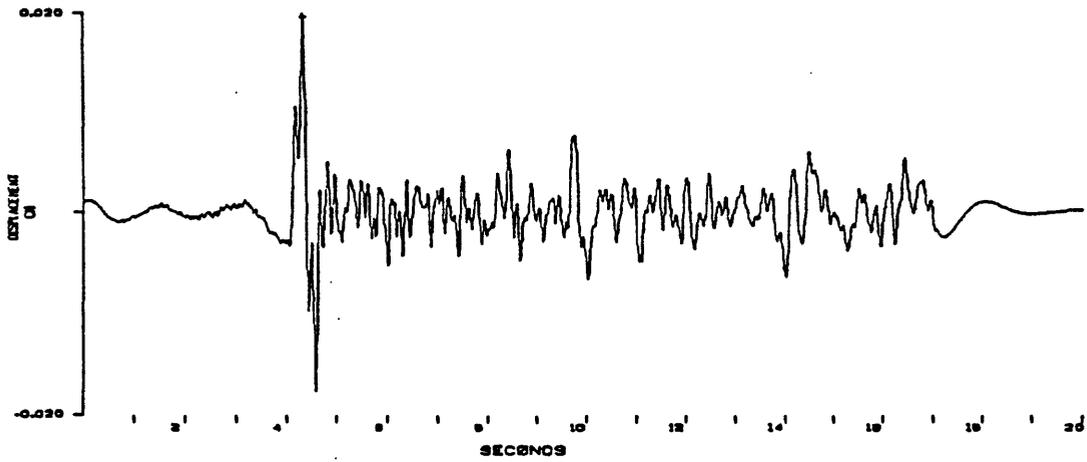
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 270



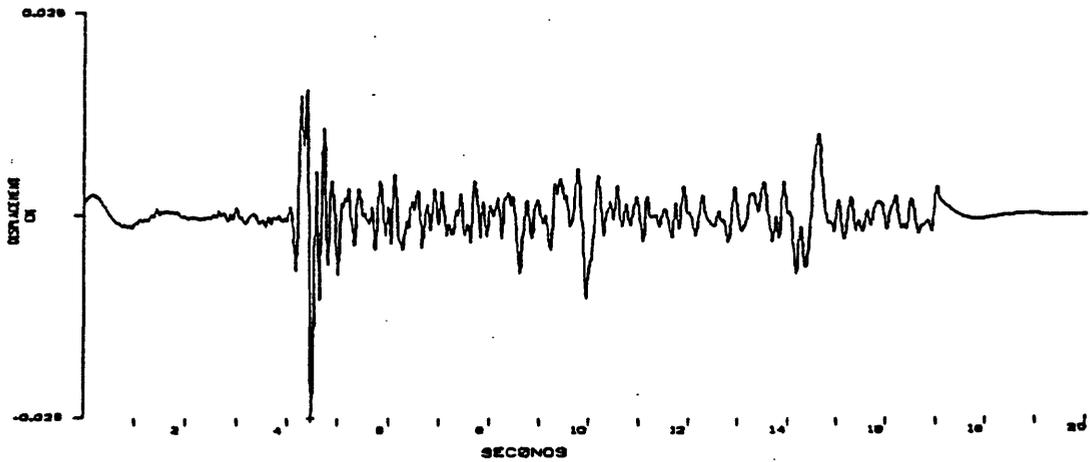
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 064



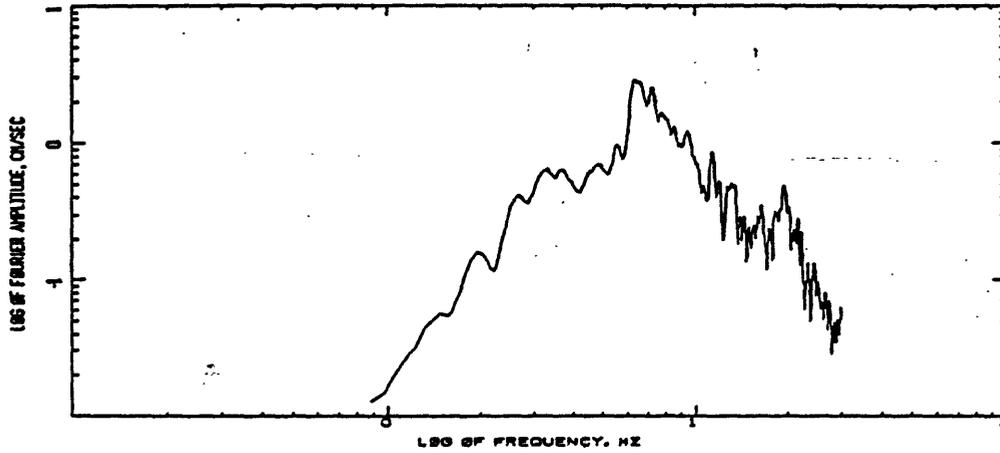
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 060



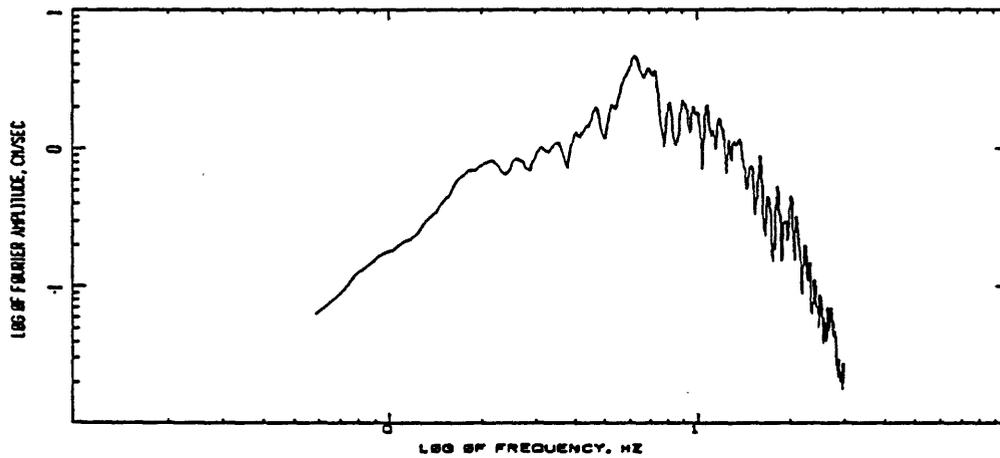
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 270



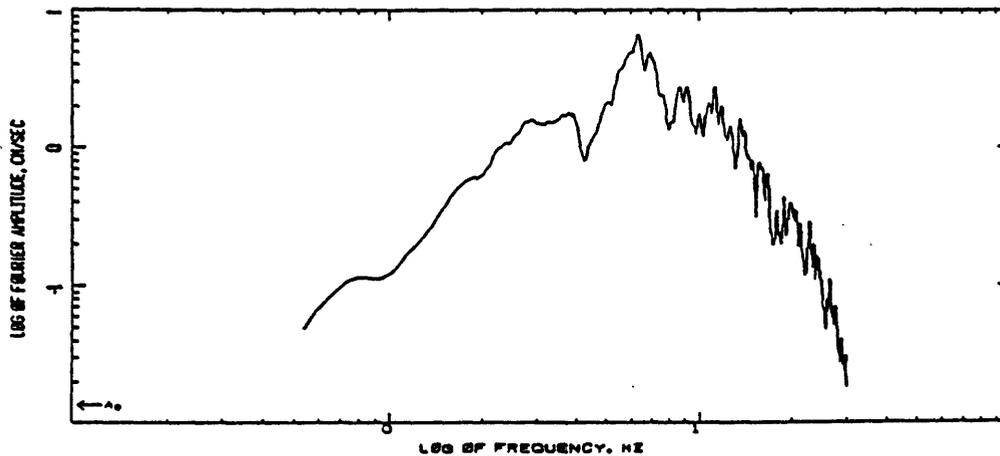
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.8
 STATION AFS-001
 COMPUTING OPTIONS- ZCRSS,SMOOTH10,NONBIS



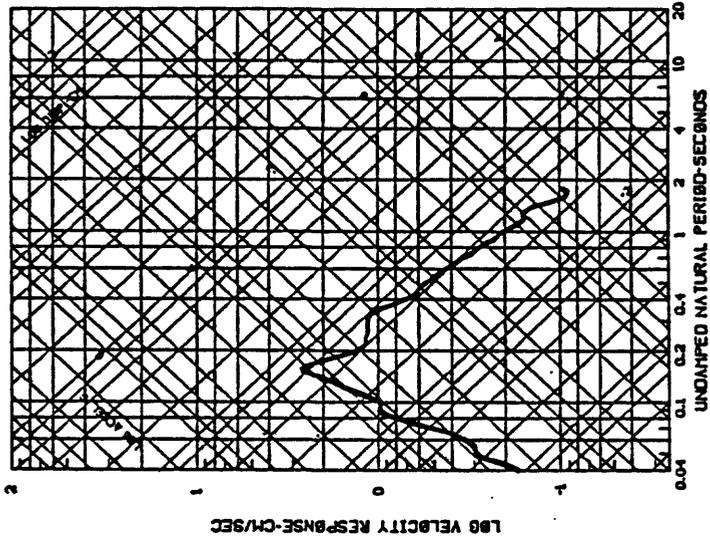
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.8
 STATION AFS-001
 COMPUTING OPTIONS- ZCRSS,SMOOTH10,NONBIS



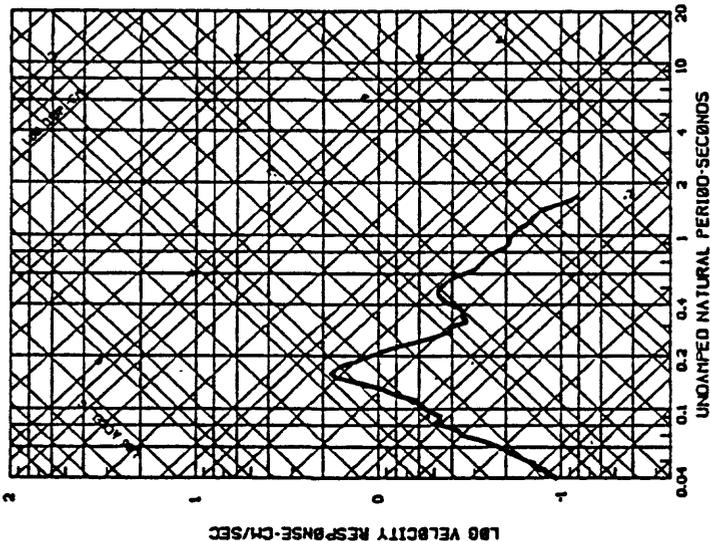
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.8
 STATION AFS-001
 COMPUTING OPTIONS- ZCRSS,SMOOTH10,NONBIS



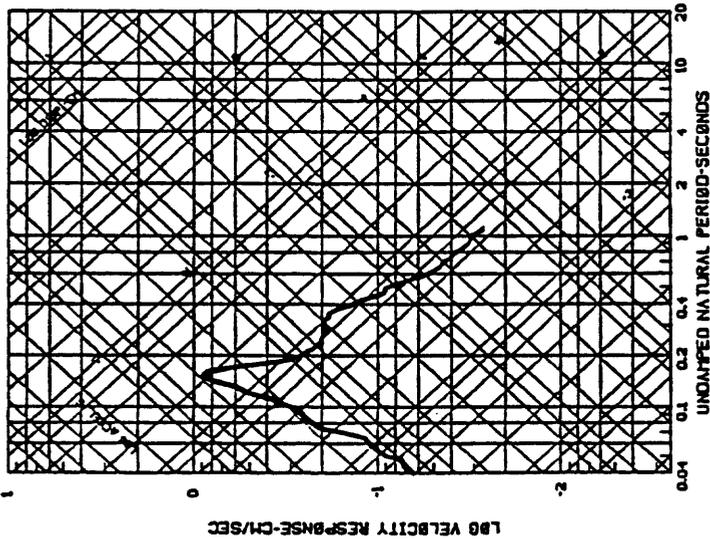
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION 4FB, VER. 1000
 5 PERCENT CRITICAL DAMPING



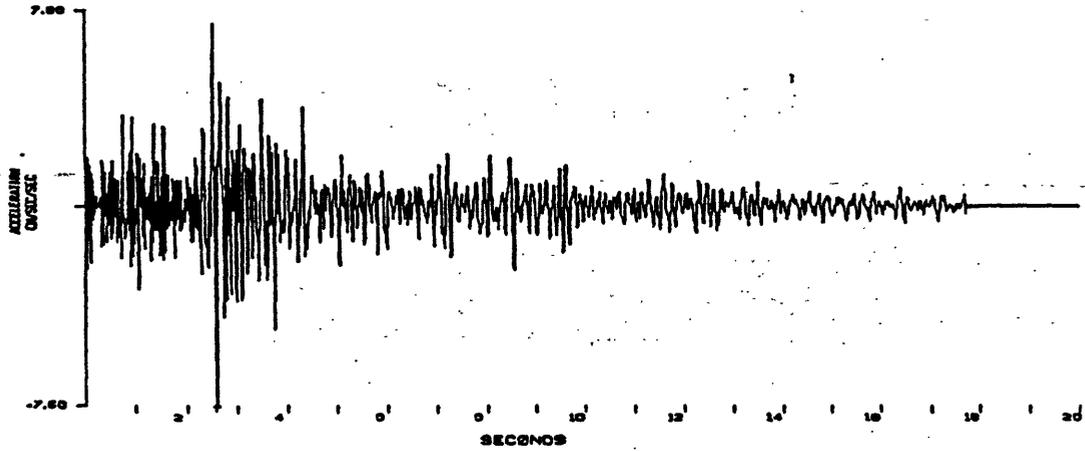
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION 4FB, HOR. 000
 5 PERCENT CRITICAL DAMPING



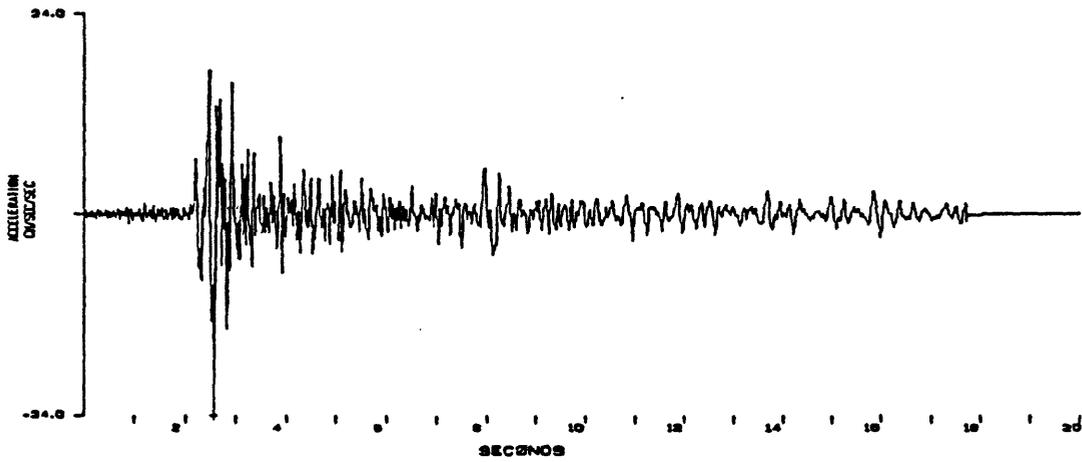
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION 4FB, VER. 1000
 5 PERCENT CRITICAL DAMPING



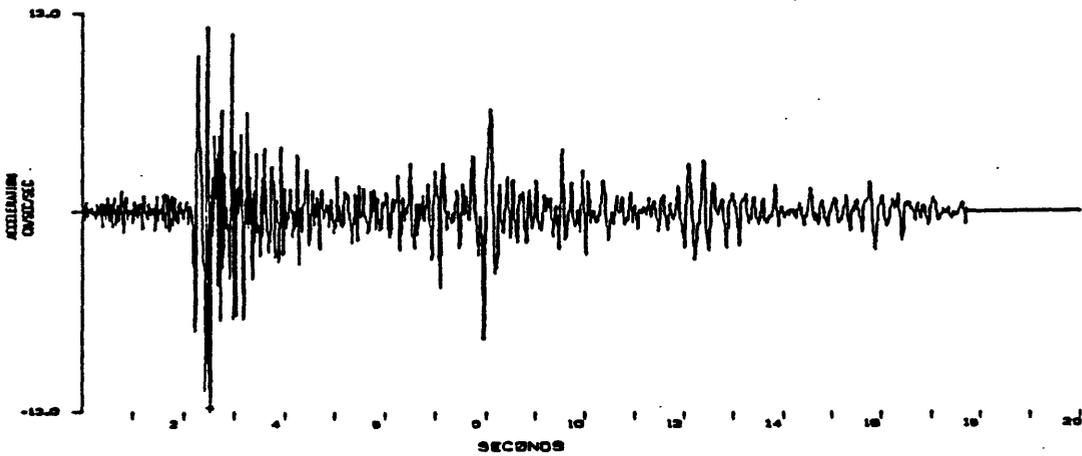
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:03:30 UTC, ML-3.8
STATION CRK, 98Y



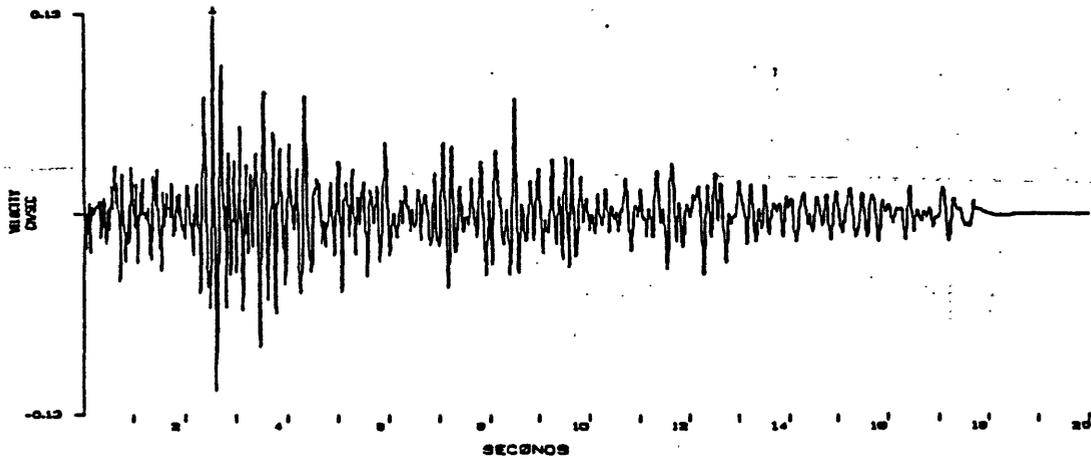
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 00D



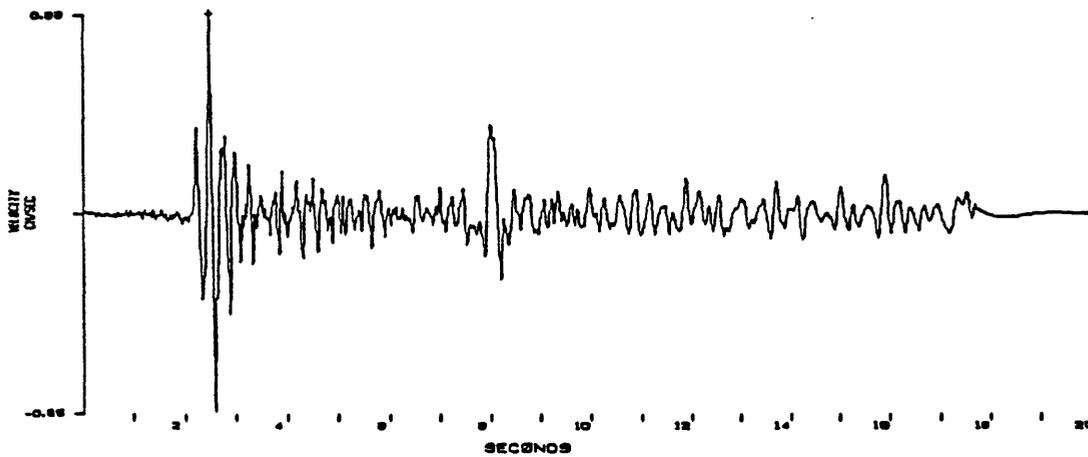
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 27D



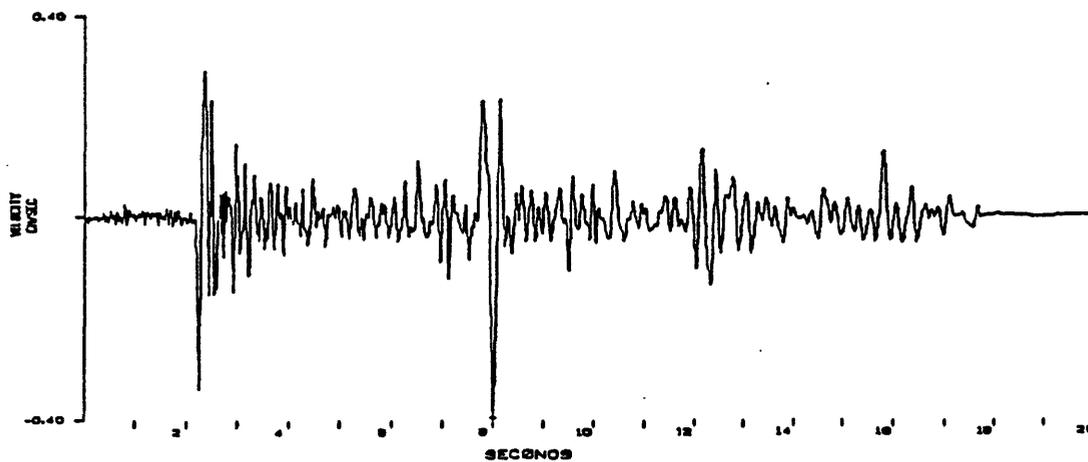
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 424



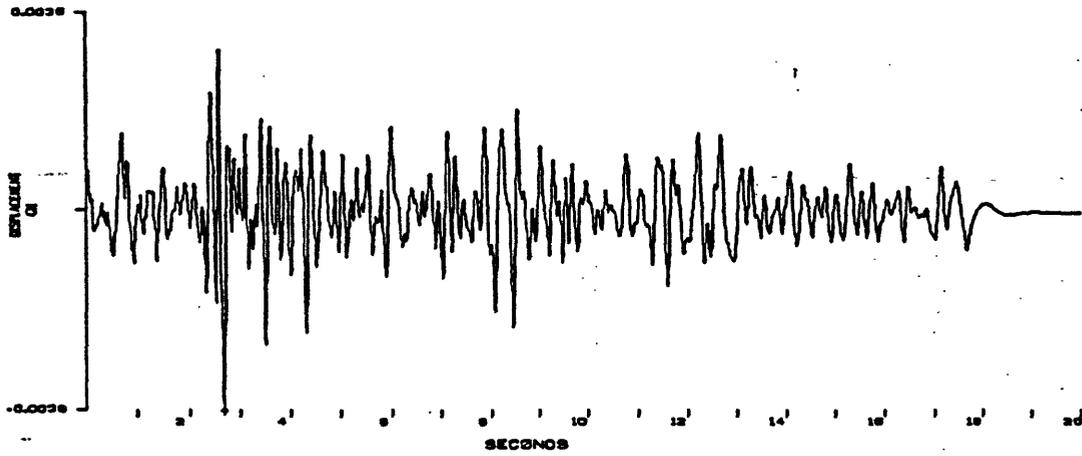
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 000



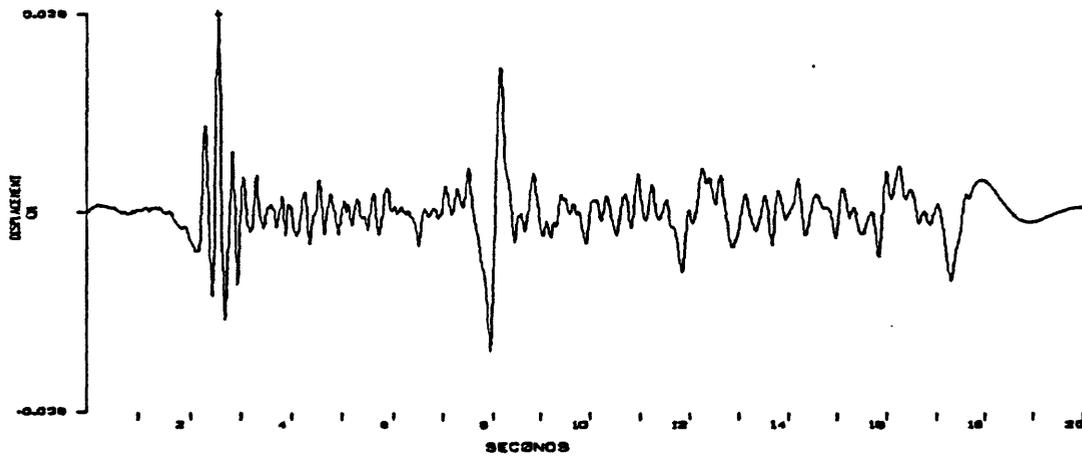
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 270



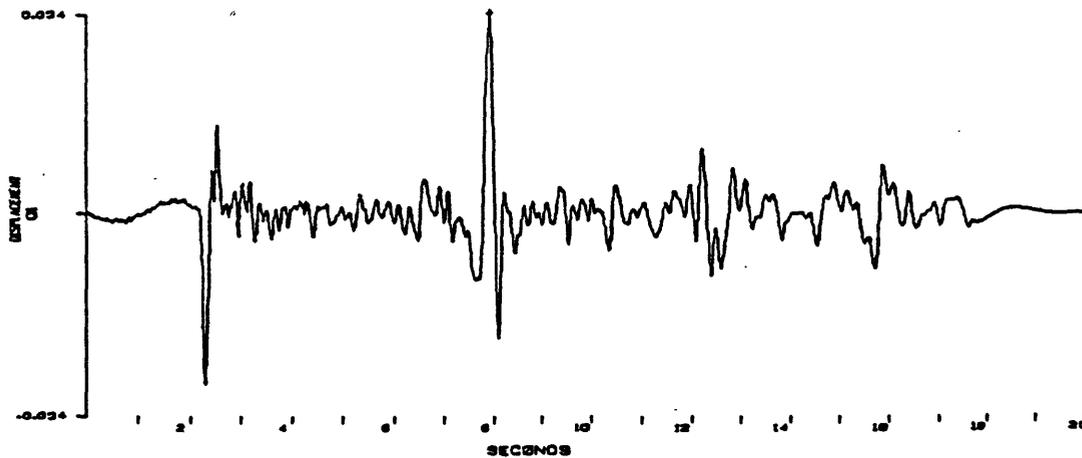
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, VER



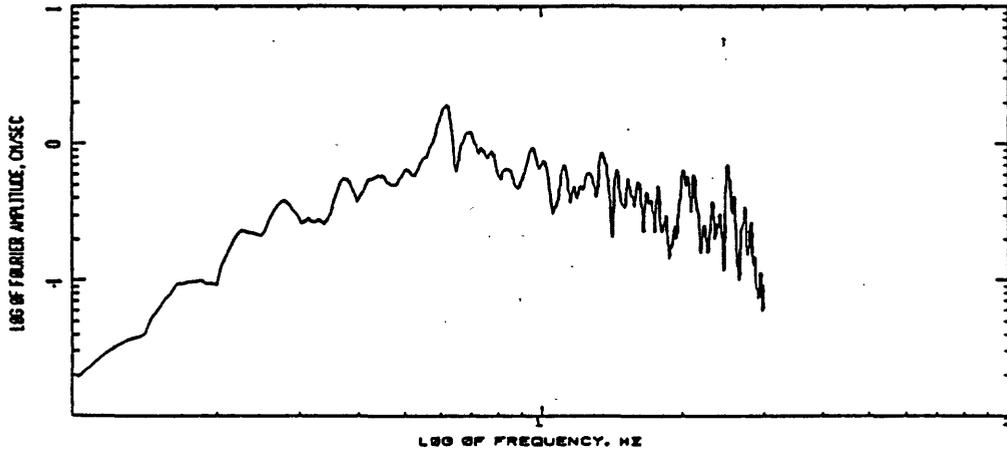
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, OGD



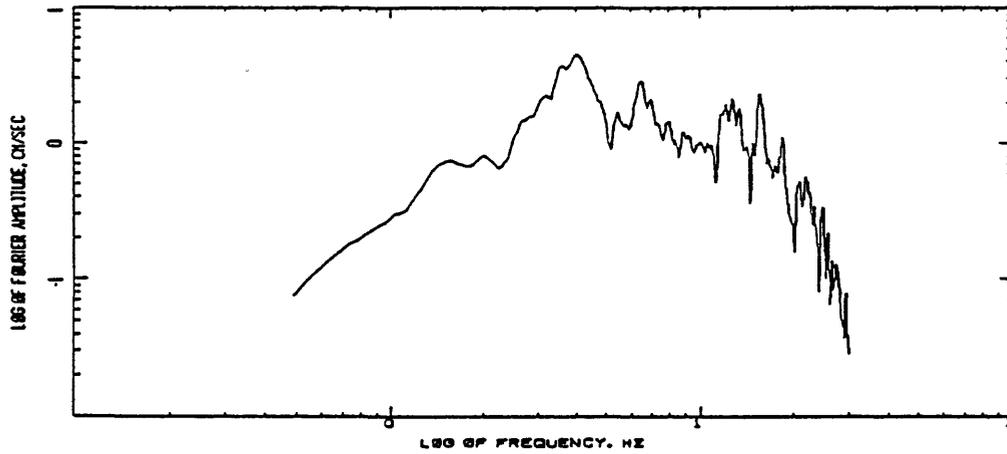
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 27D



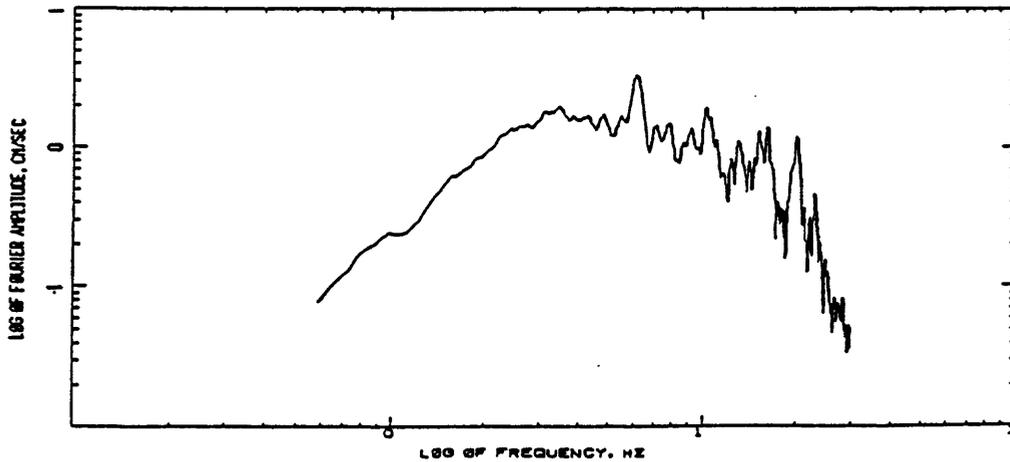
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170127G, 17, 13:30 UTC, HL-3.0
STATION 12K, 001
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONISE



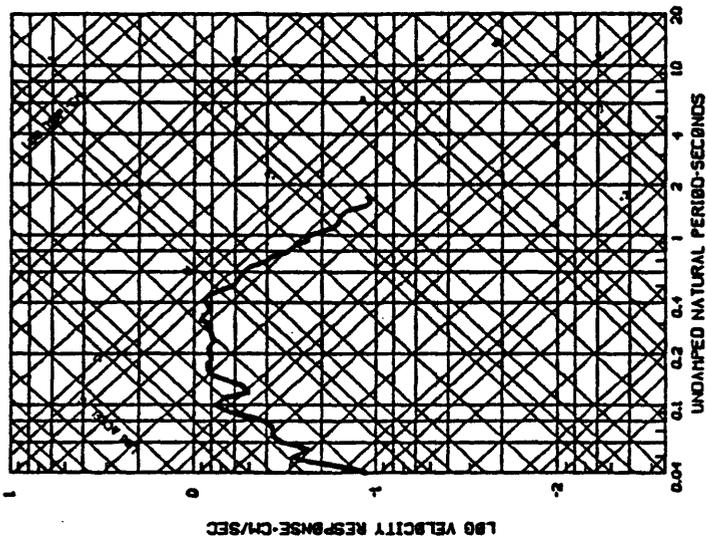
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170127G, 17, 13:30 UTC, HL-3.0
STATION 12K, 002
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONISE



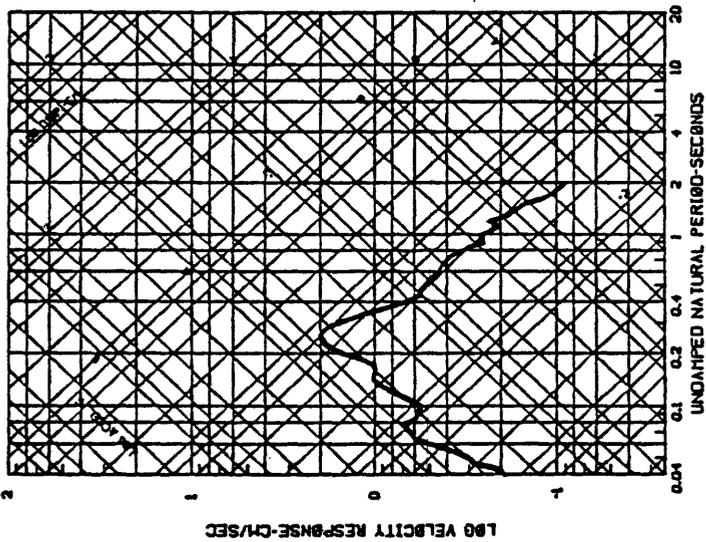
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170127G, 17, 13:30 UTC, HL-3.0
STATION 12K, 003
COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONISE



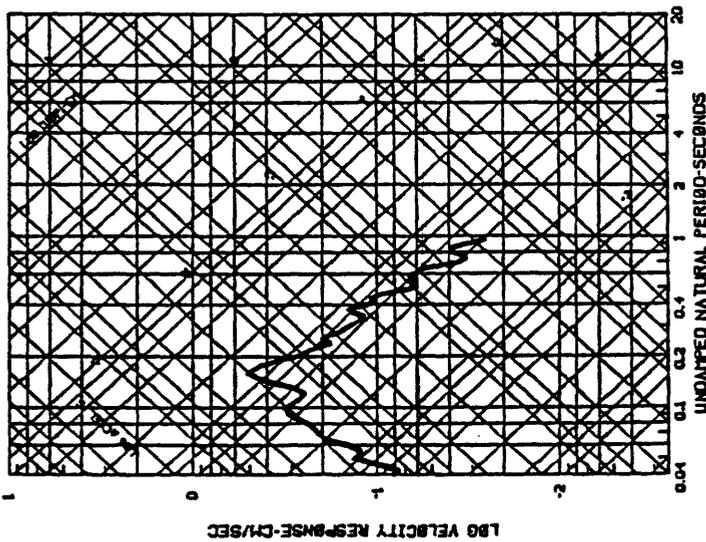
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION CRK-000
 5 PERCENT CRITICAL DAMPING



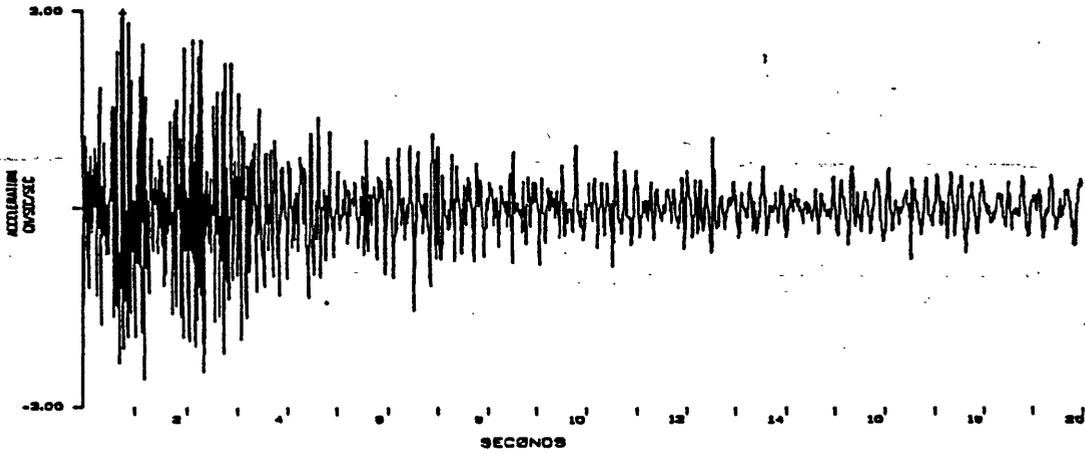
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION CRK-000
 5 PERCENT CRITICAL DAMPING



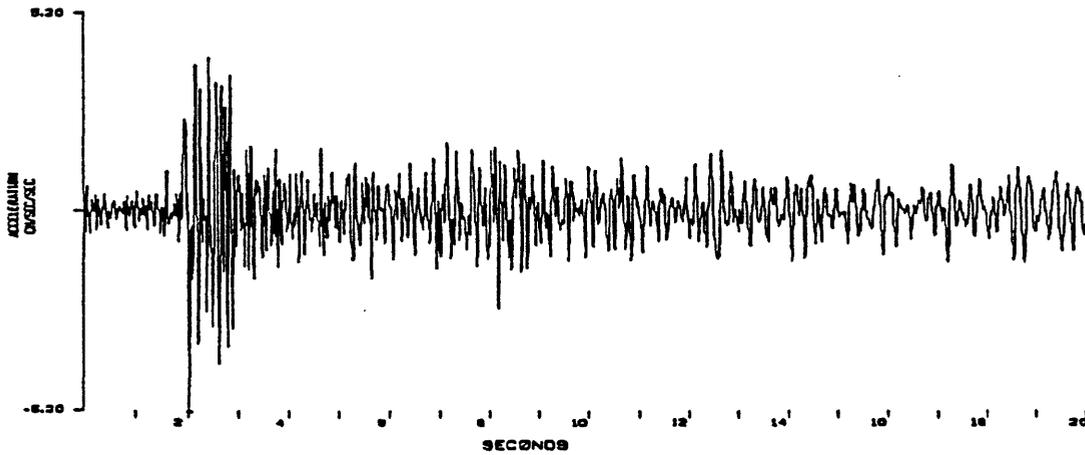
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M=3.0
 STATION CRK-000
 5 PERCENT CRITICAL DAMPING



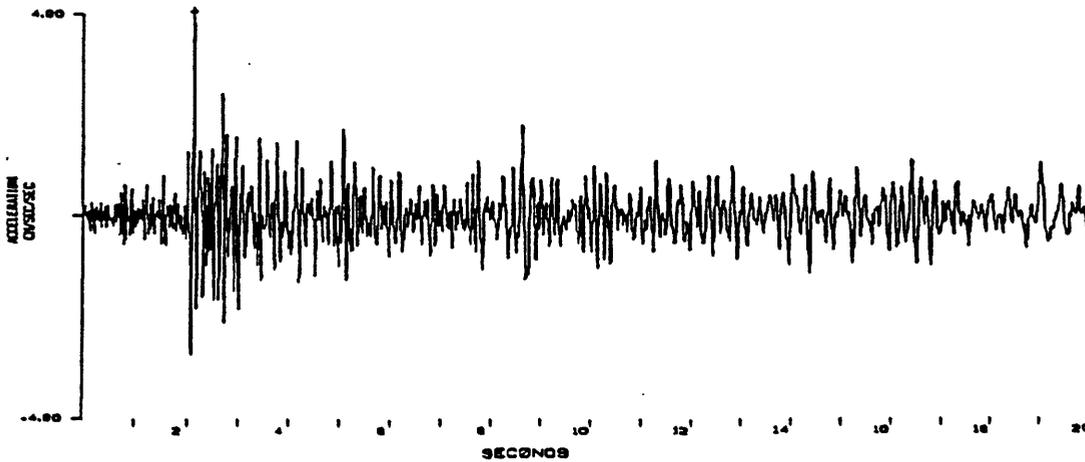
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION PBR, 924



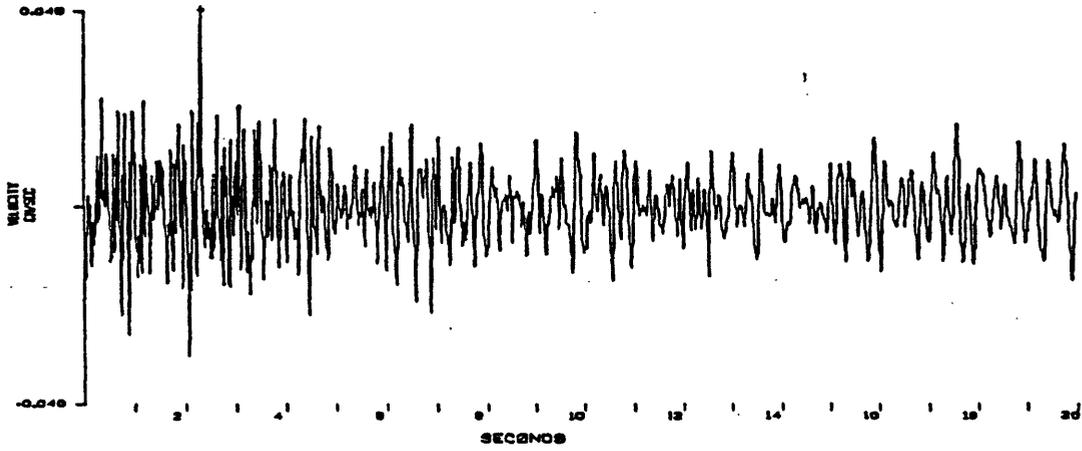
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION PBR, 000



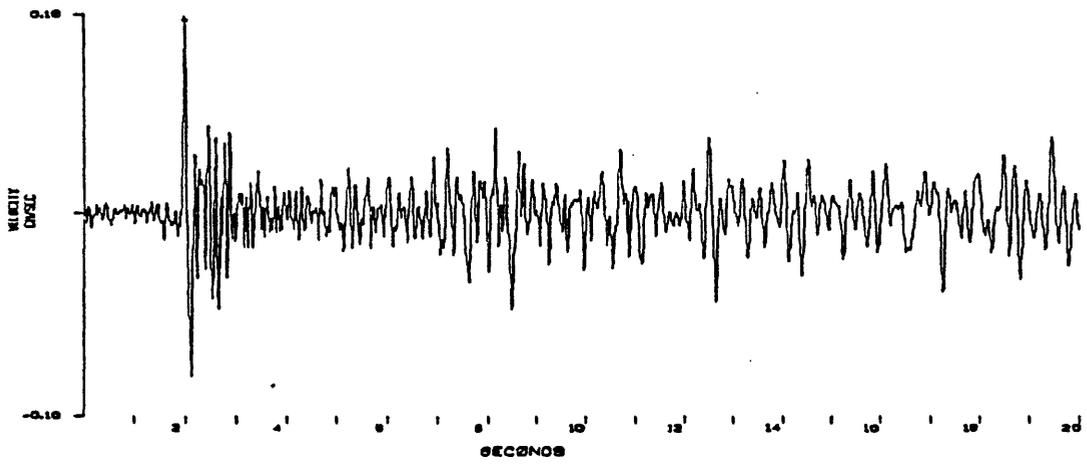
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION PBR, 270



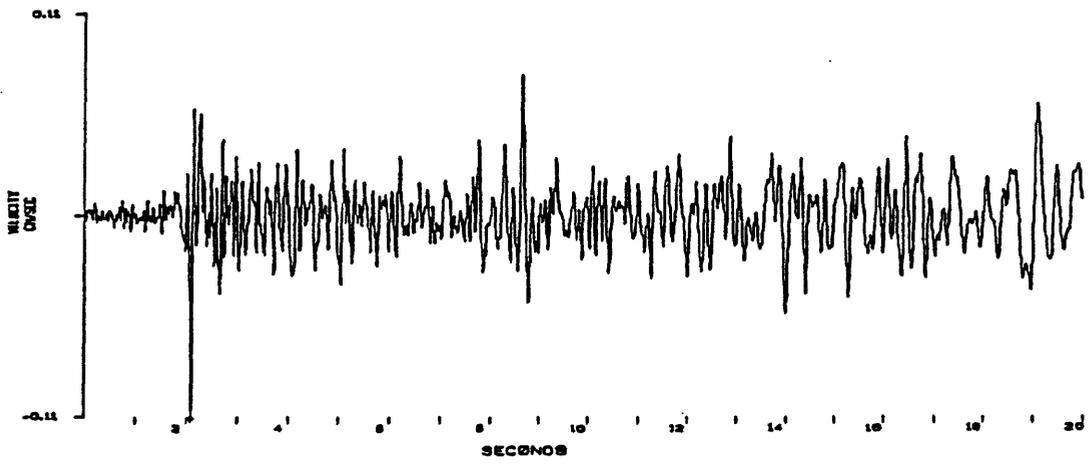
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, 624



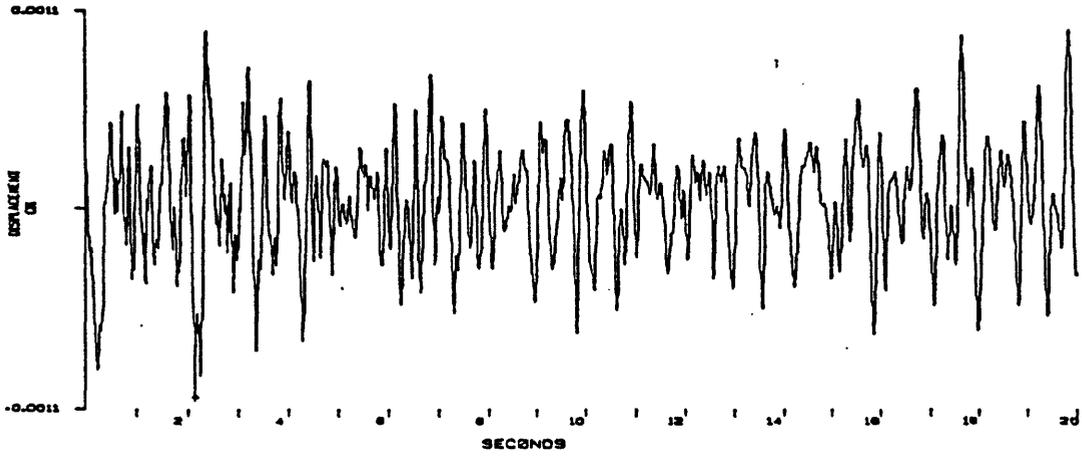
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, 000



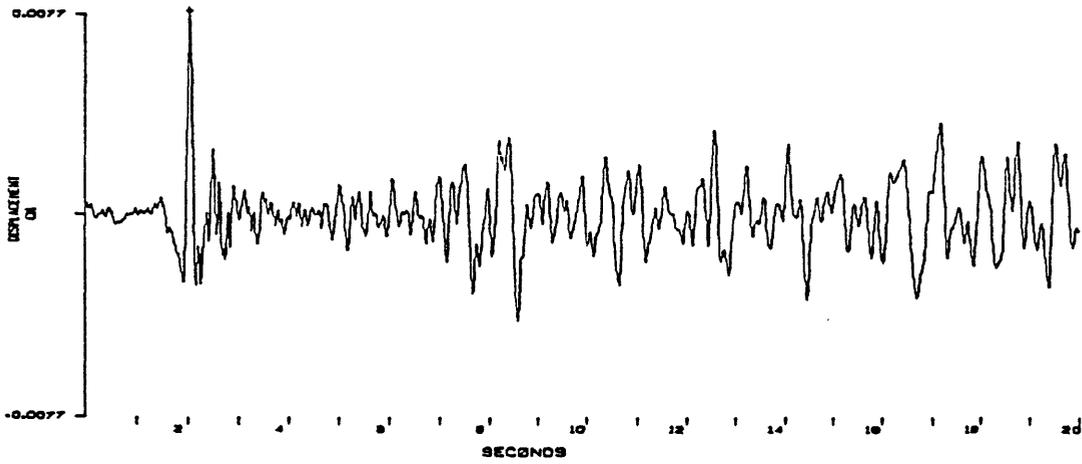
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, 270



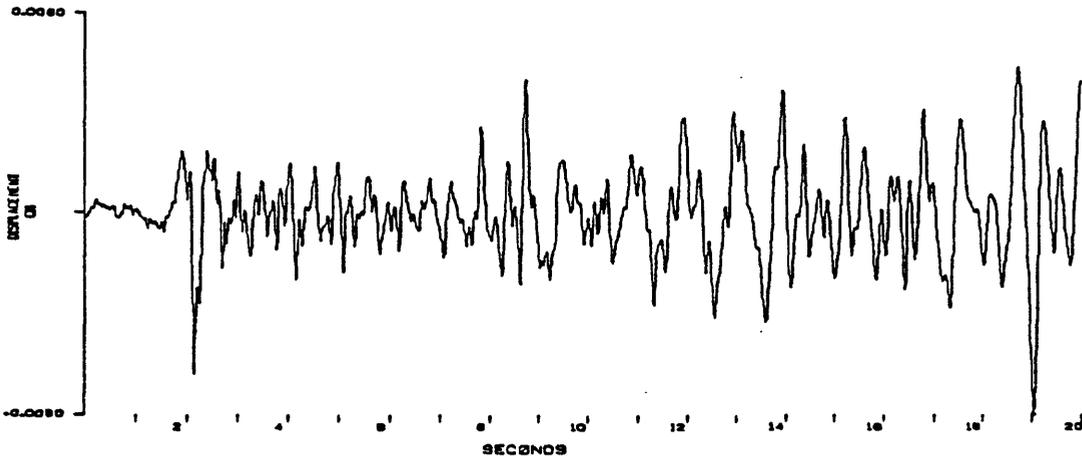
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 02R1



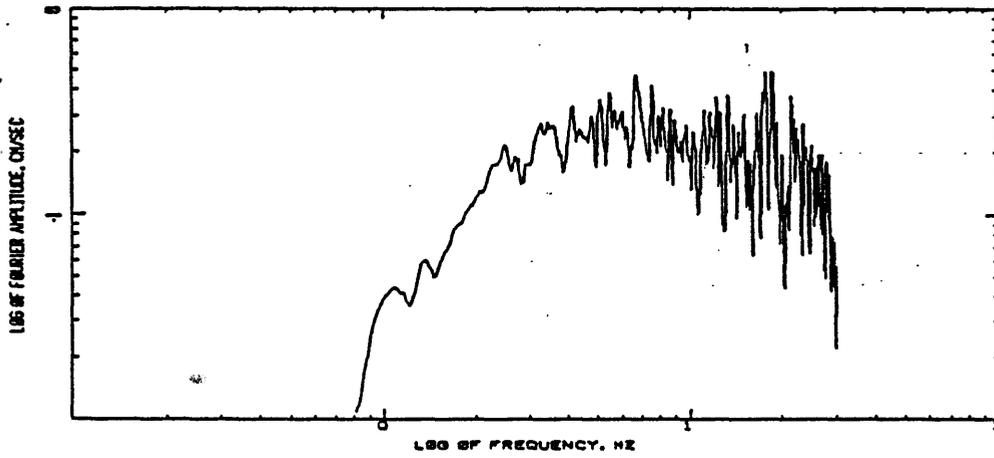
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 02D



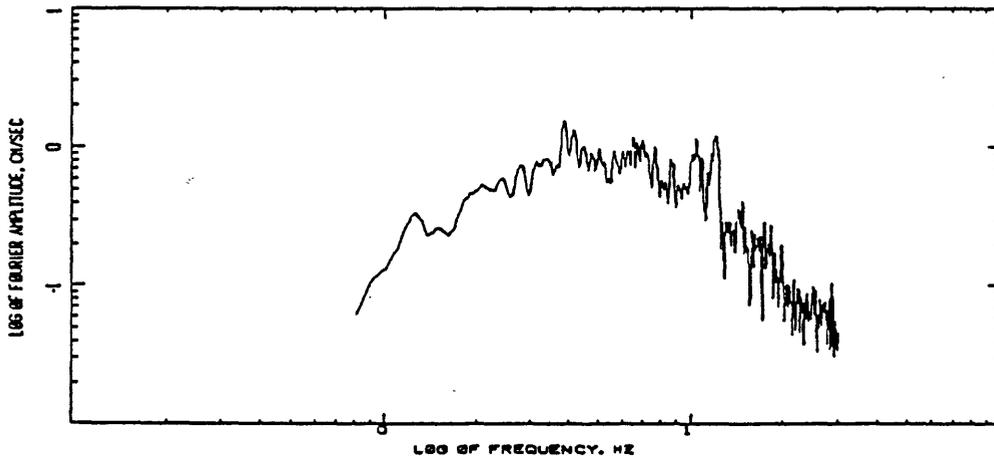
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 2D



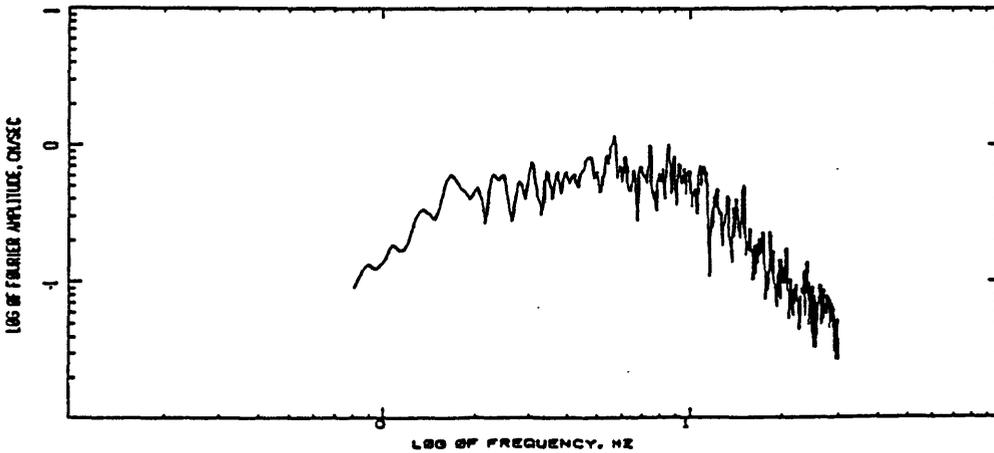
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170179.17, 13155 UTC, HL-3.8
STATION 28R, 010
COMPUTING OPTIONS- 2CROSS, SMOOTH10, NONNOISE



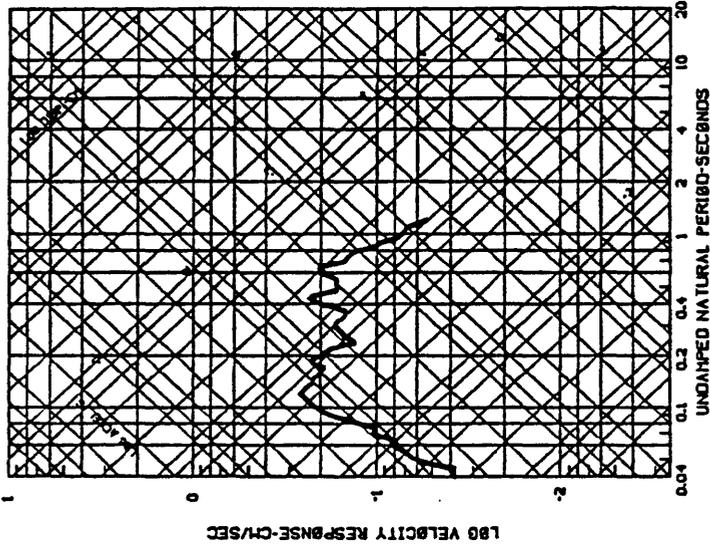
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170179.17, 13155 UTC, HL-3.8
STATION 28R, 010
COMPUTING OPTIONS- 2CROSS, SMOOTH10, NONNOISE



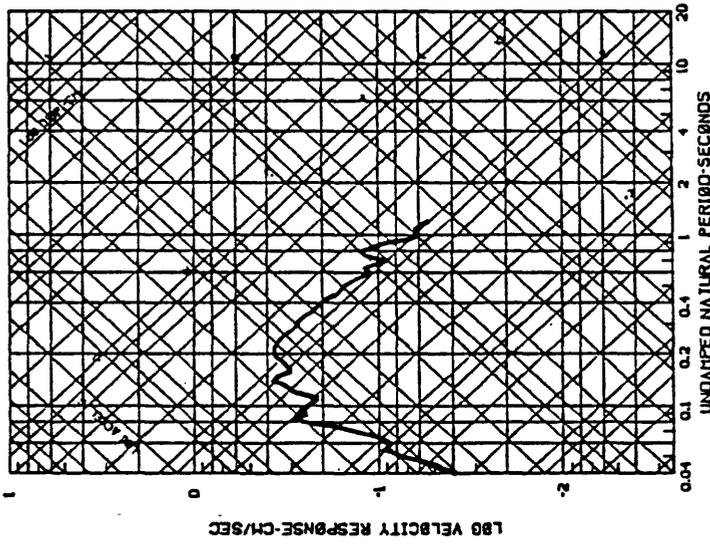
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 170179.17, 13155 UTC, HL-3.8
STATION 28R, 010
COMPUTING OPTIONS- 2CROSS, SMOOTH10, NONNOISE



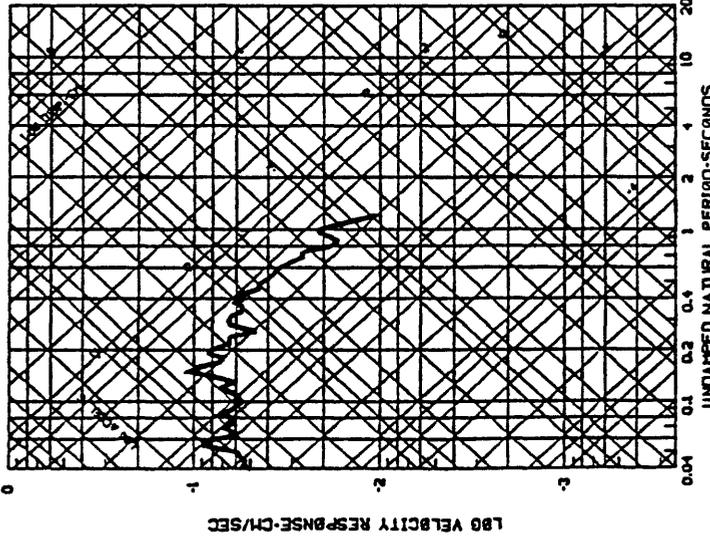
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3B
 STATION FOR VERT
 SCALING FOR 2.0
 5 PERCENT CRITICAL DAMPING



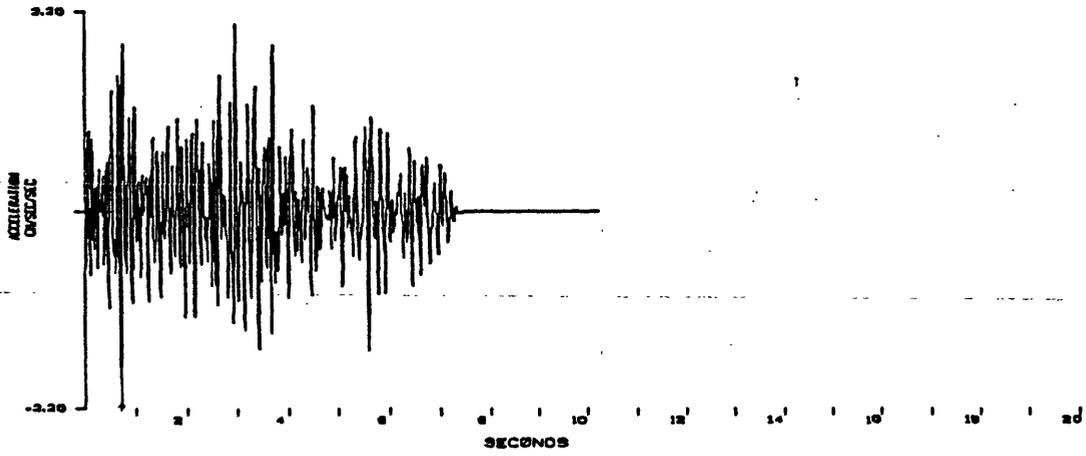
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3B
 STATION FOR VERT
 SCALING FOR 0.00
 5 PERCENT CRITICAL DAMPING



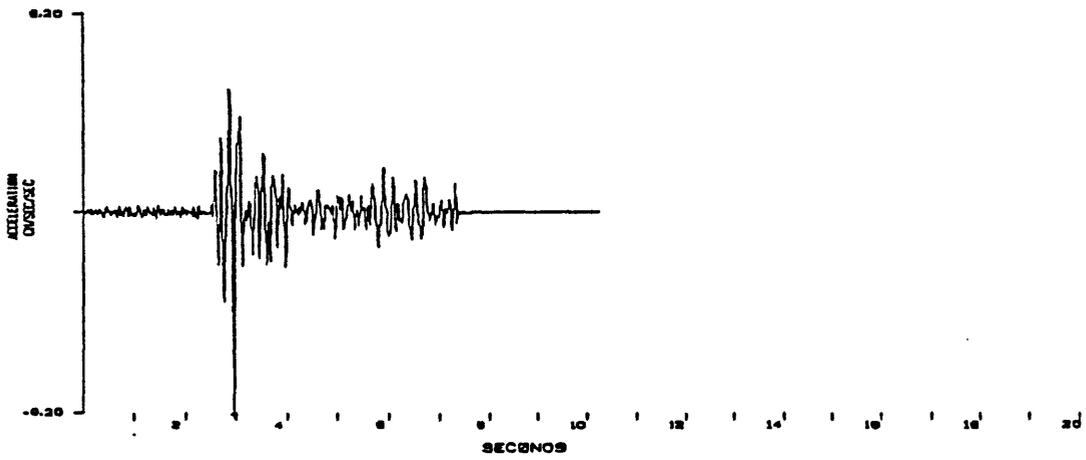
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3B
 STATION FOR VERT
 SCALING FOR 0.00
 5 PERCENT CRITICAL DAMPING



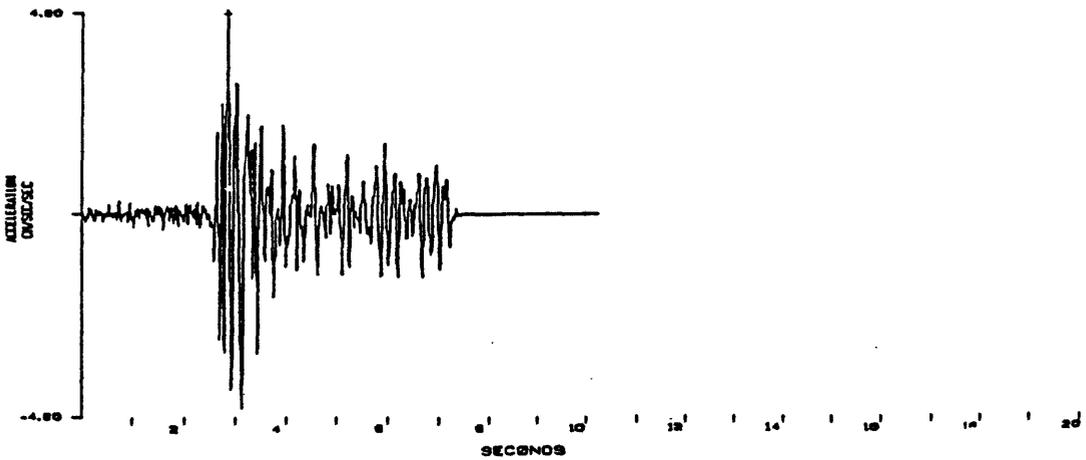
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, 0241



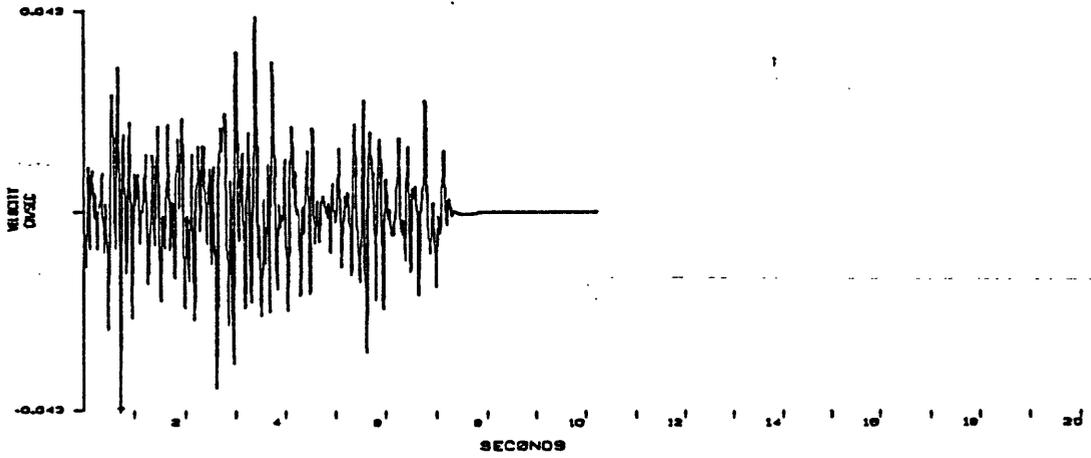
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, 000



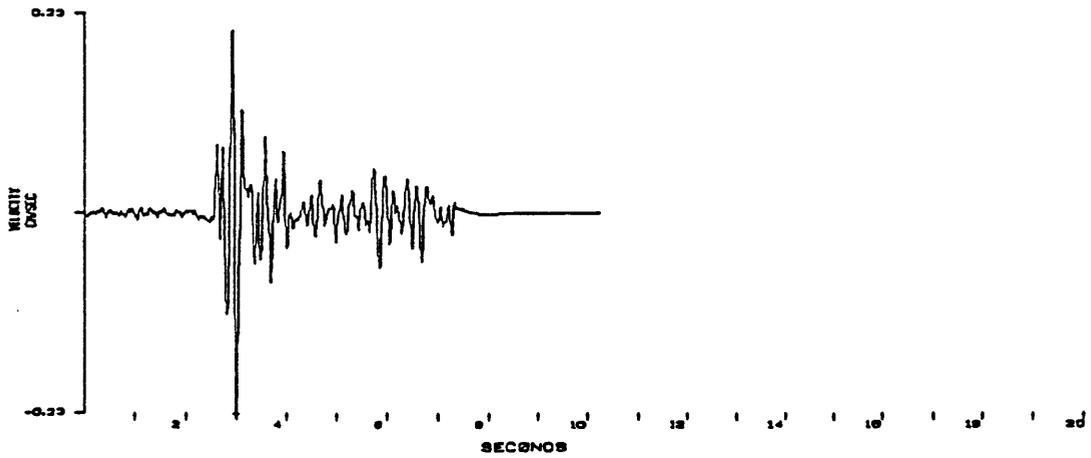
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, 070



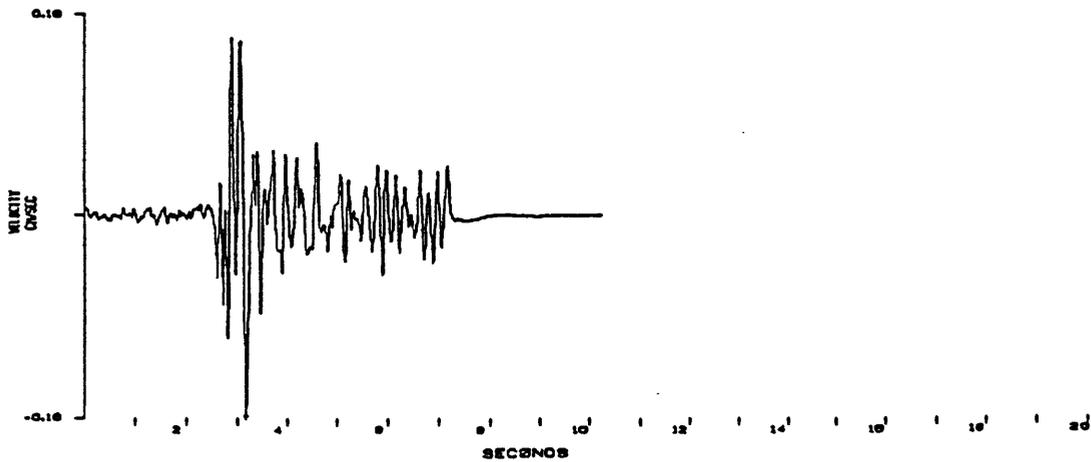
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 9241



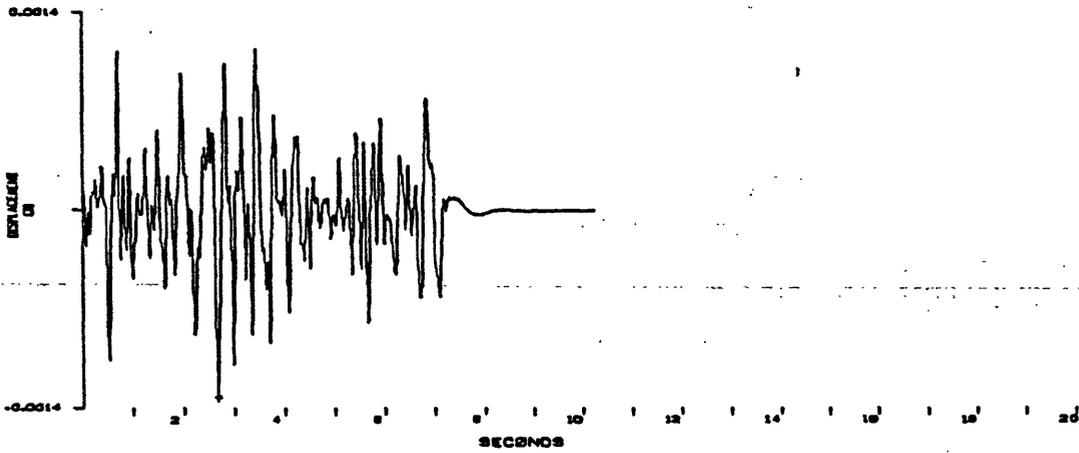
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 500



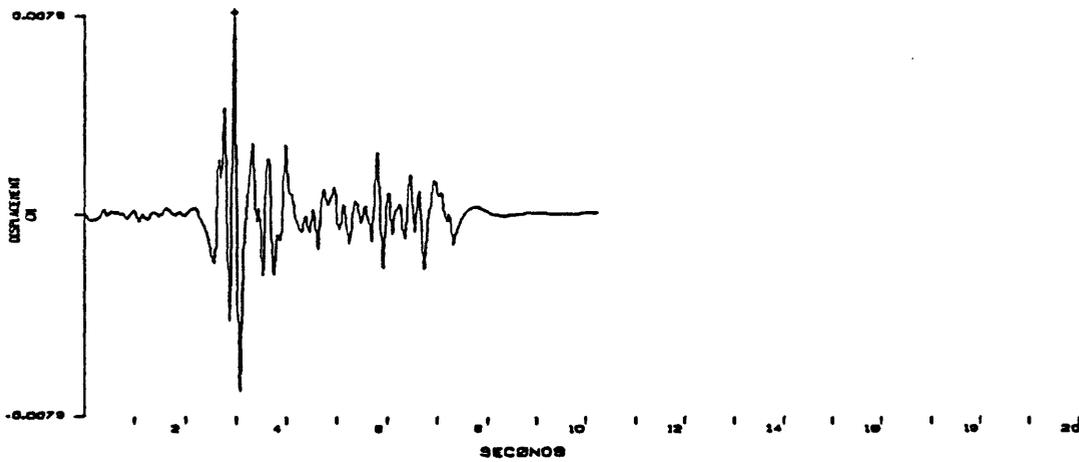
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 270



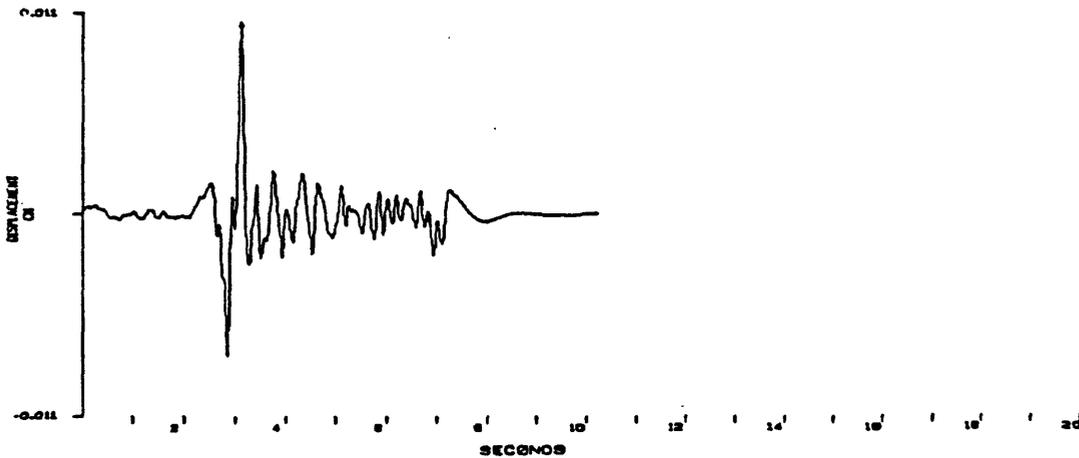
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. VERT



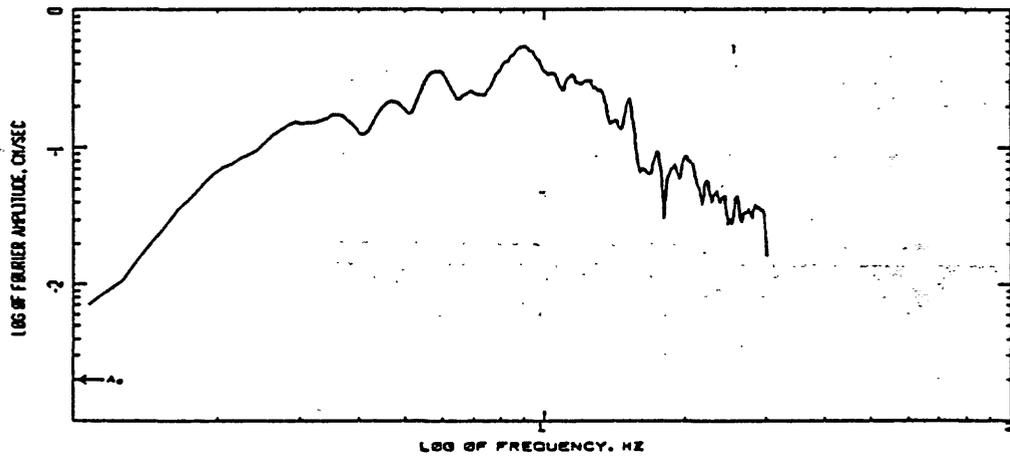
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 600



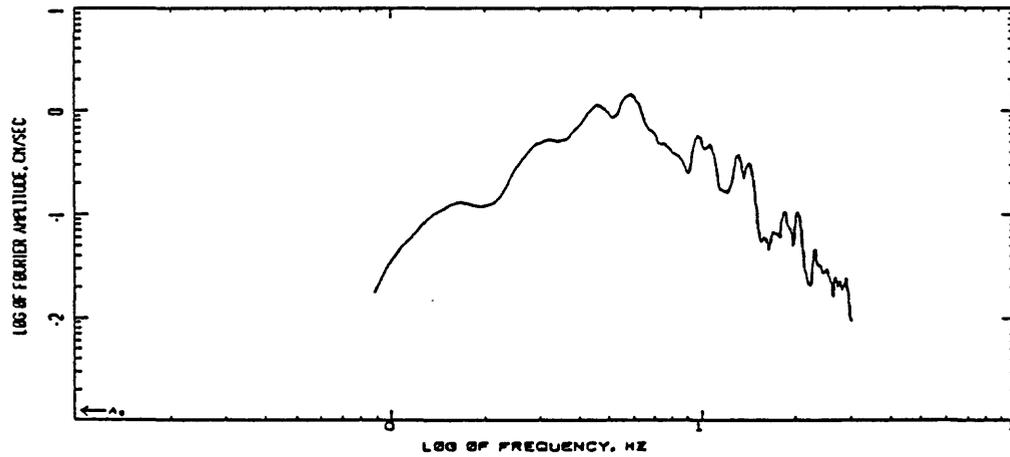
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 270



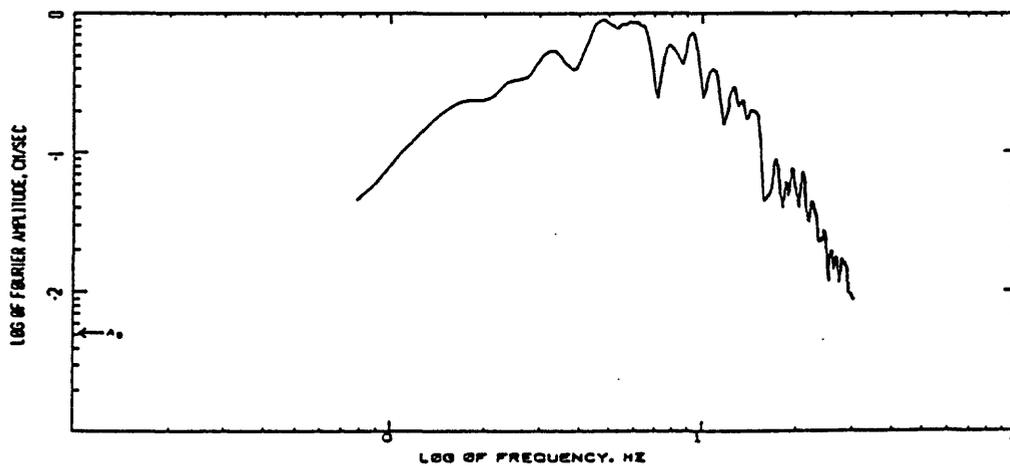
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1701776, 17, 13:50 UTC, ML=3.9
 STATION: IUS, DDC
 COMPUTING OPTIONS: 2 CROSS, SMOOTH(10), NONNOISE



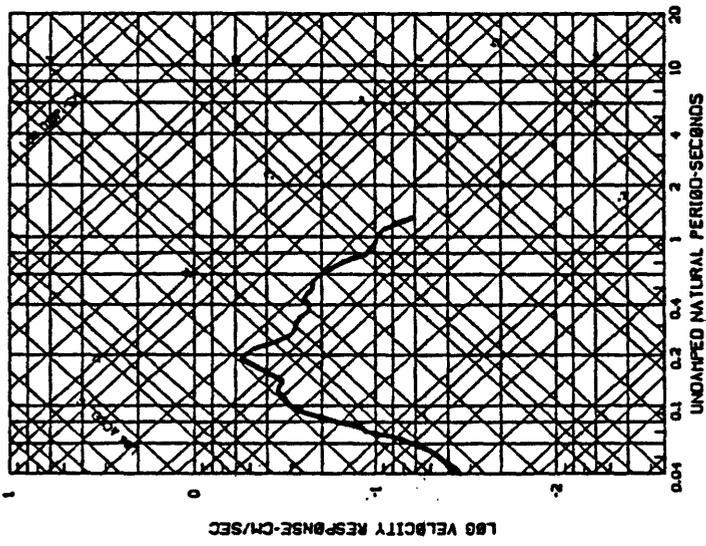
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1701776, 17, 13:50 UTC, ML=3.9
 STATION: IUS, DDC
 COMPUTING OPTIONS: 2 CROSS, SMOOTH(10), NONNOISE



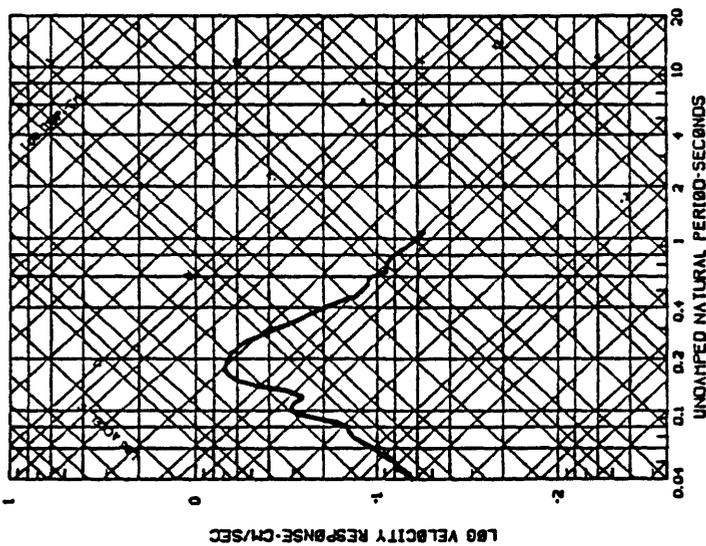
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1701776, 17, 13:50 UTC, ML=3.9
 STATION: IUS, DDC
 COMPUTING OPTIONS: 2 CROSS, SMOOTH(10), NONNOISE



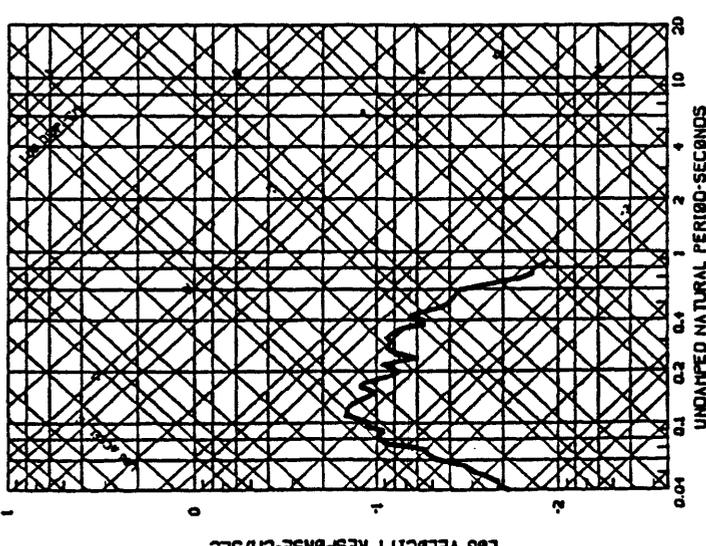
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/07/79, 17:13:30 UTC, ML-3.6
 STATION W5 20
 5 PERCENT CRITICAL DAMPING



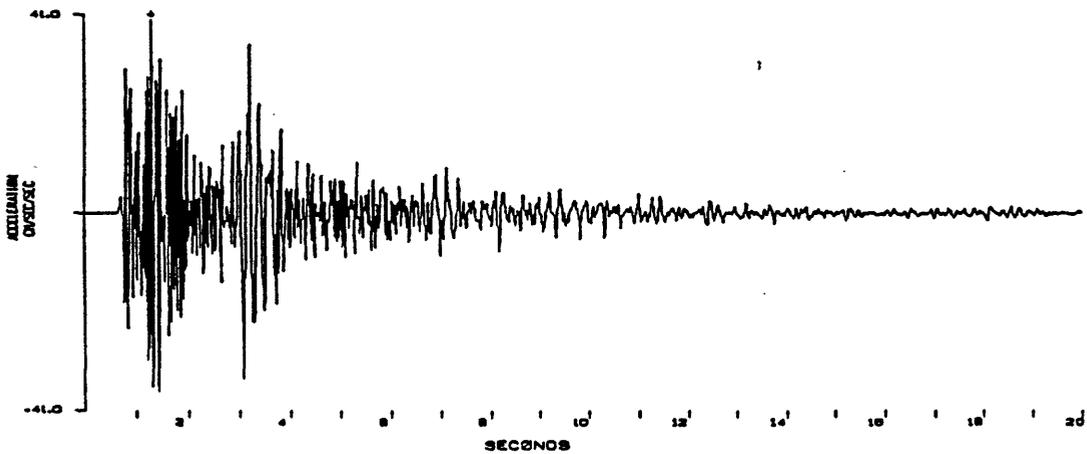
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/07/79, 17:13:30 UTC, ML-3.6
 STATION W5 000
 5 PERCENT CRITICAL DAMPING



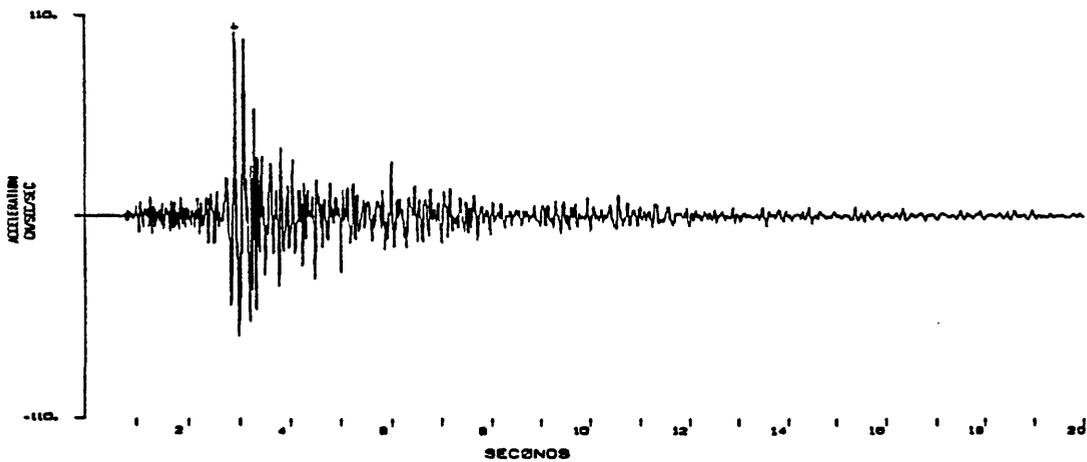
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/07/79, 17:13:30 UTC, ML-3.6
 STATION W5 000
 5 PERCENT CRITICAL DAMPING



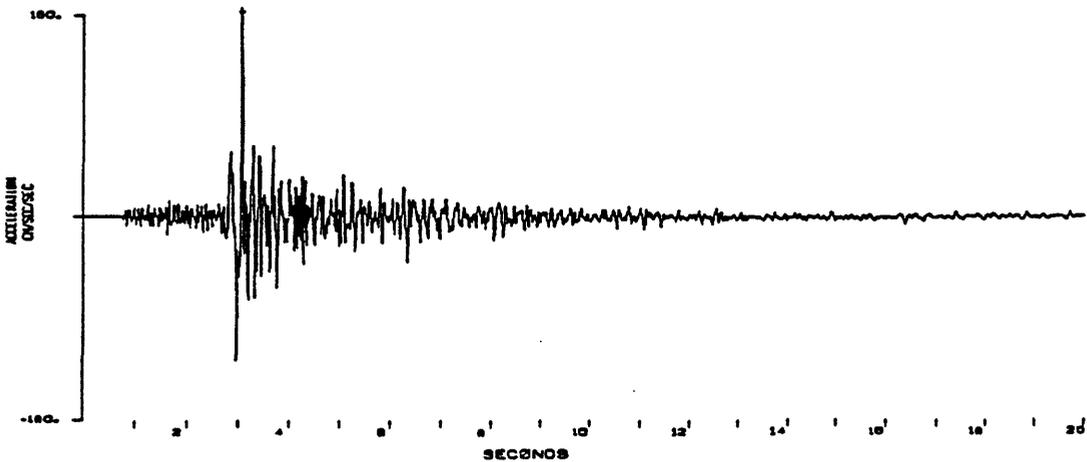
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, VER1



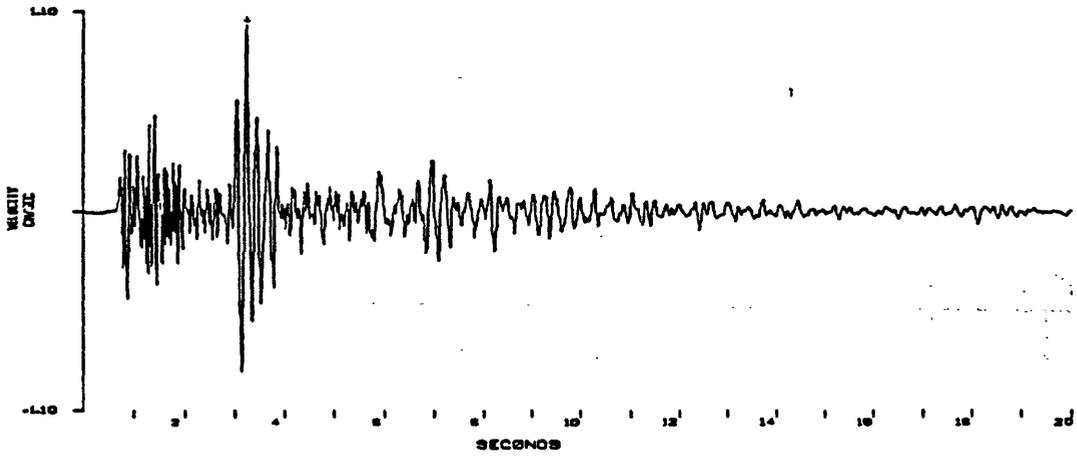
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, DUC



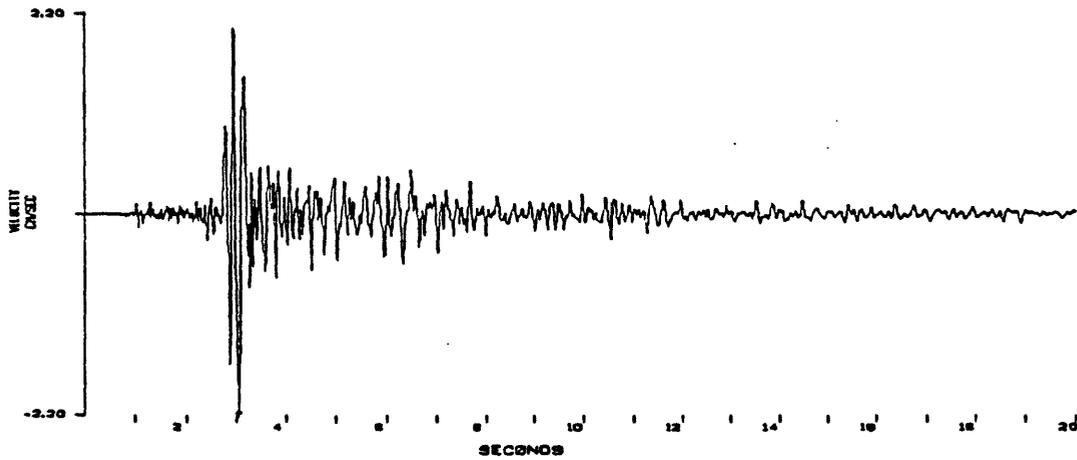
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, BUC



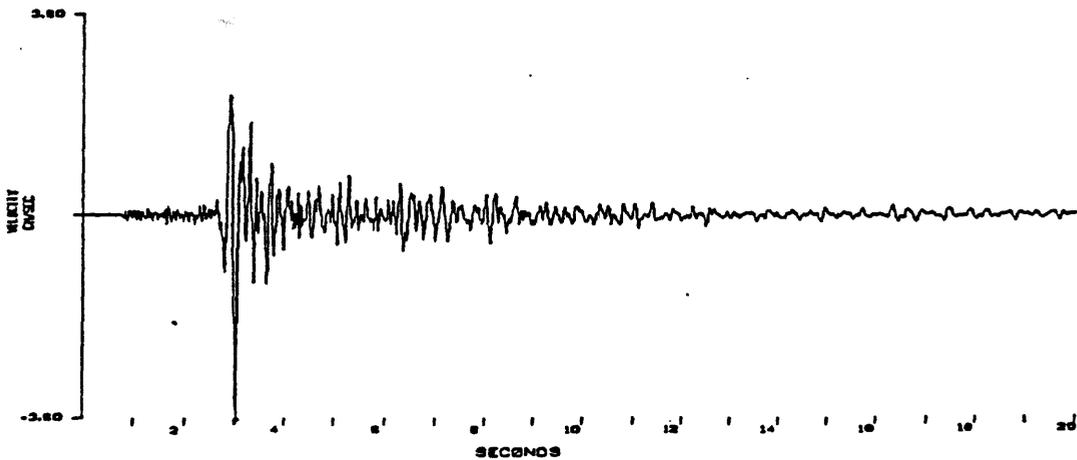
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION SLD, VERT



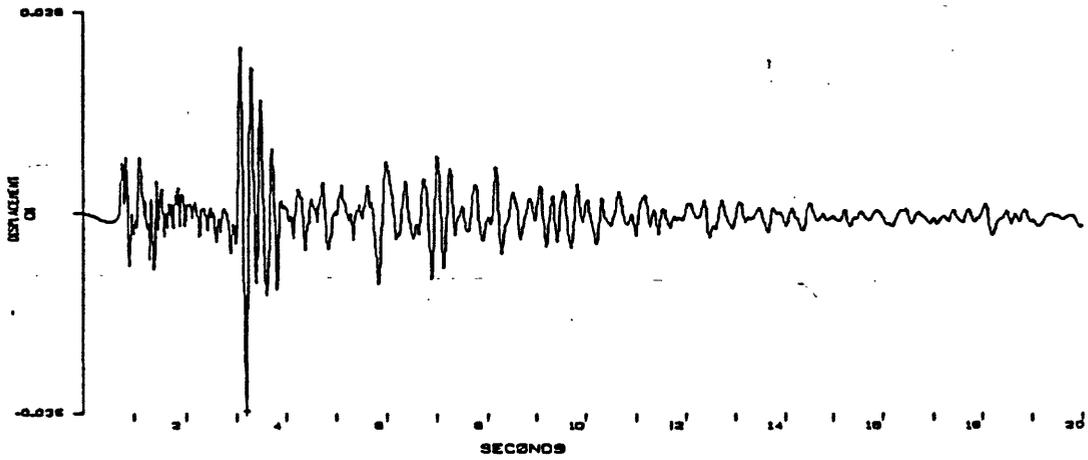
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION SLD, 600



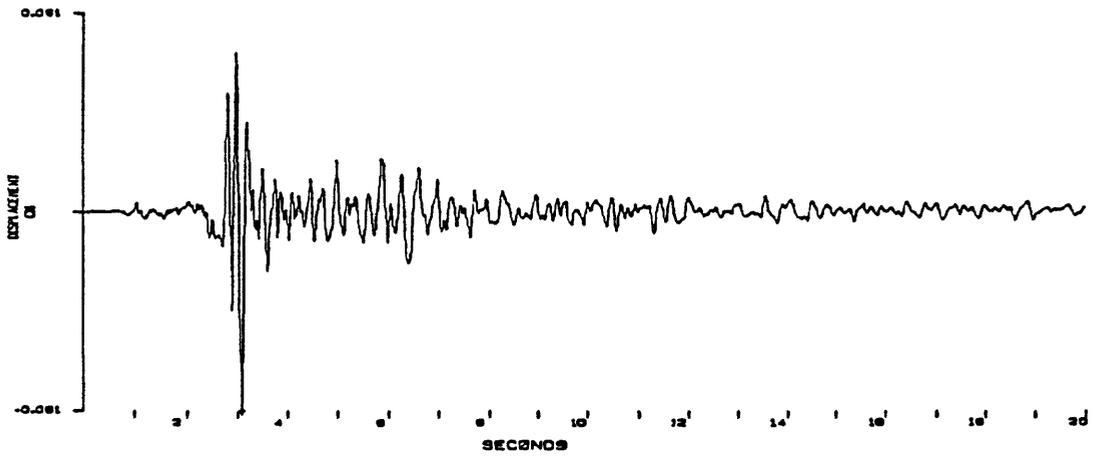
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:00 UTC, ML-3.8
STATION SLD, 625



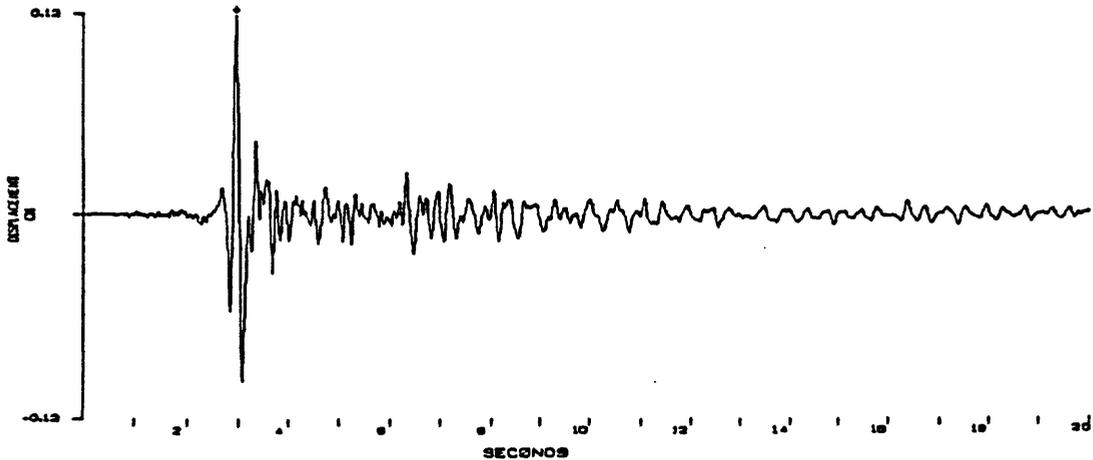
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, VERT



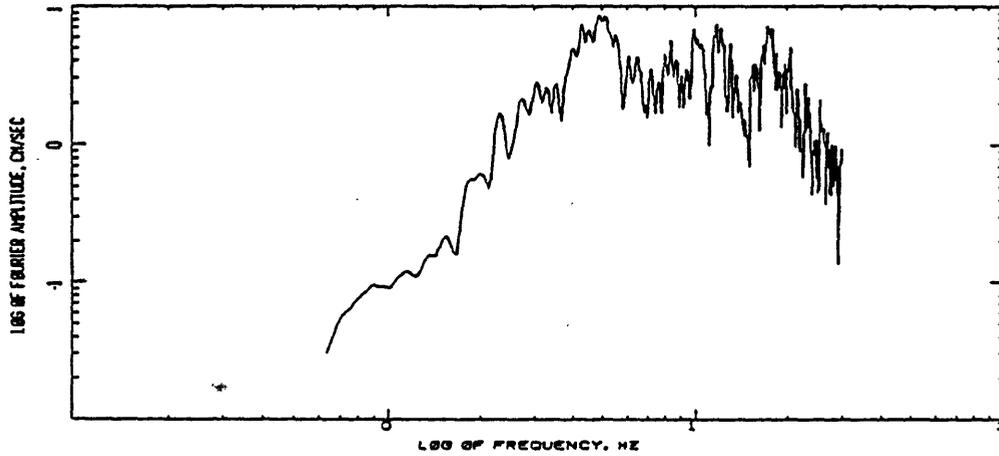
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, 500



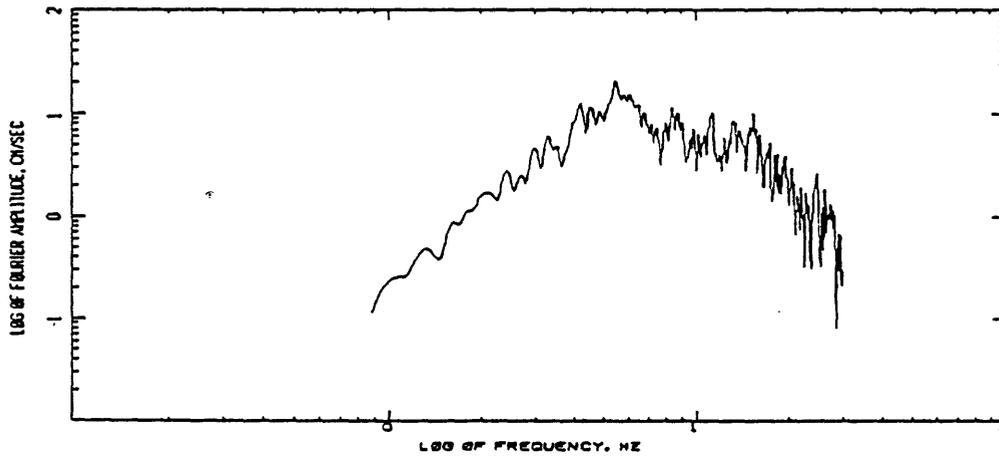
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, 270



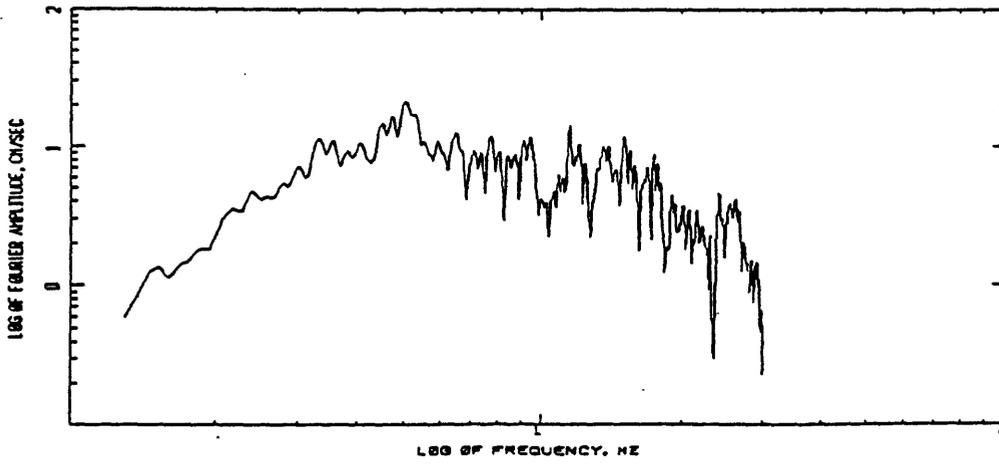
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 10/18/19, 13:30 UTC, ML=3.8
STATION 310, 000
COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONISE



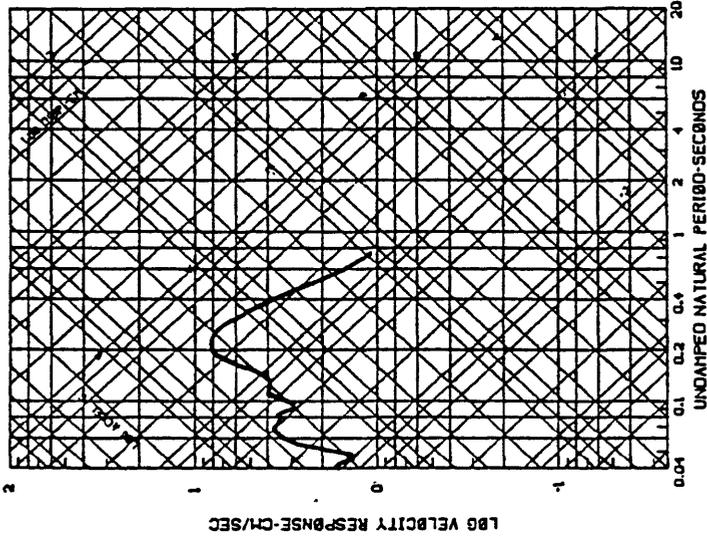
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 10/18/19, 13:30 UTC, ML=3.8
STATION 310, 000
COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONISE



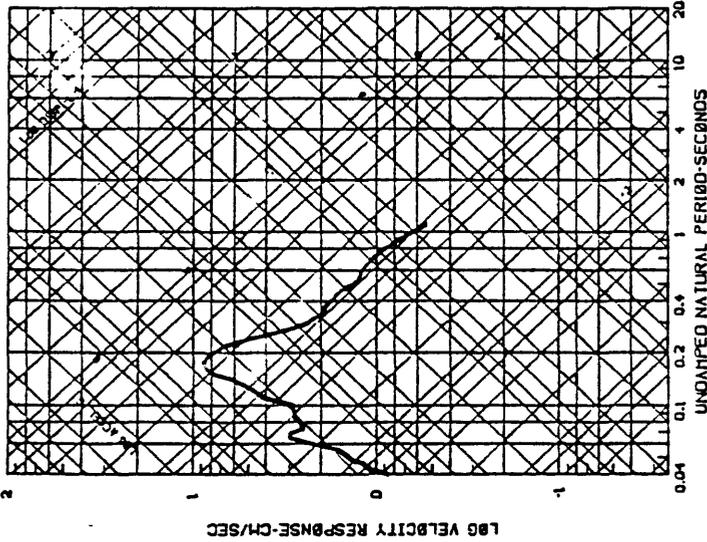
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 10/18/19, 13:30 UTC, ML=3.8
STATION 310, 000
COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONISE



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
 STATION SLD, 270
 5 PERCENT CRITICAL DAMPING



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
 STATION SLD, 000
 5 PERCENT CRITICAL DAMPING



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
 STATION SLD, 000
 5 PERCENT CRITICAL DAMPING

