

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 $f_1 = 25$ 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		SLD
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				x	6
10/19/79	18:50:38	2.6	x			x	x		x				x					5
10/19/79	18:51:28	2.8	x		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				x	6
10/20/79	03:14:53	2.6	x				x		x				x				x	5
10/20/79	05:04:07	3.0	x		x	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			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				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	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	GPM	GRS	HRS	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
			270	0.57	6.32E+00	6.87E+00	6.87E+00	1.18E-01	4.15E-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
		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
10/18/79	05:37:21	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
		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)
10/18/79	12:42:24	AFB	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
			VERT	1.47	1.10E+00	8.07E-01	7.79E-01	1.58E-02	4.44E-04
		FBR	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
			VERT	0.70	1.50E+00	1.47E+00	1.38E+00	1.98E-02	8.01E-04
		GRS	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
			VERT	1.22	1.75E+00	1.43E+00	1.37E+00	4.10E-02	1.44E-03
		GRS	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
			VERT	0.90	3.15E+00	2.87E+00	2.91E+00	3.45E-02	5.32E-04
10/18/79	12:51:59	GRS	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
			VERT	0.84	1.73E+01	1.26E+01	1.34E+01	9.32E-02	1.66E-03
		FBR	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
			VERT	0.80	6.72E+00	5.41E+00	5.96E+00	4.25E-02	6.15E-04
		FBR	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
			VERT	1.40	8.08E+00	7.76E+00	8.08E+00	2.21E-01	4.79E-03
		AFB	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
			VERT	0.75	9.72E+00	8.90E+00	9.89E+00	7.04E-02	1.57E-03
10/18/79	13:20:27	FBR	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
			VERT	1.70	1.19E+01	1.22E+01	1.21E+01	1.76E-01	4.19E-03
		GRS	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
			VERT	1.47	1.13E+01	1.02E+01	9.71E+00	9.73E-02	2.48E-03
		AFB	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
			VERT	0.94	3.92E+00	3.12E+00	3.45E+00	3.95E-02	7.32E-04
		FBR	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
			VERT	1.02	4.89E+00	4.57E+00	4.41E+00	6.42E-02	1.84E-03
10/18/79	13:52:41	GRS	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
			VERT	0.77	5.50E+00	5.59E+00	5.44E+00	1.32E-01	3.09E-03
		AFB	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
			VERT	1.10	2.54E+00	2.31E+00	2.33E+00	3.27E-02	1.59E-03
		FBR	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
			VERT	0.88	7.05E+00	7.35E+00	7.08E+00	1.19E-01	3.59E-03
		GRS	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
		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
10/18/79	16:50:48	AFB	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
		GRS	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
		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
10/18/79	19:10:51	GRS	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
		AFB	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
		GRS	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
10/18/79	20:53:17	AFB	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	1.93E+00	1.95E+00	1.87E+00	4.13E-02	9.49E-04
		CRK	270	1.00	1.56E+00	1.54E+00	1.53E+00	2.57E-02	1.11E-03
			VERT	1.00	2.61E+00	2.66E+00	2.64E+00	5.16E-02	1.02E-03
			000	1.47	2.06E+00	1.82E+00	1.78E+00	2.82E-02	4.73E-04
		AFB	270	1.39	1.26E+00	1.25E+00	1.25E+00	2.15E-02	5.18E-04
			VERT	0.58	2.00E+00	1.87E+00	1.83E+00	4.06E-02	2.47E-03
			000	0.58	2.00E+00	1.87E+00	1.83E+00	4.06E-02	2.47E-03
		CRK	270	1.47	2.06E+00	1.82E+00	1.78E+00	2.82E-02	4.73E-04
			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

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

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	11:11:26		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
		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
		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
		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
		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
		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)	
10/19/79	18:50:38	AFB	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	
			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	
10/19/79	18:51:28	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	
			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	
10/19/79	19:42:38	GRS	270	0.85	2.55E+01	2.60E+01	2.52E+01	3.33E-01	7.65E-03	
			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	
		SLD	000	0.75	1.50E+02	1.48E+02	1.41E+02	2.27E+00	6.26E-02	
			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	
			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	
10/19/79	21:25:03	CRK	270	2.10	1.77E+00	5.94E-01	5.37E-01	5.10E-03	7.36E-05	
			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	
10/19/79	23:09:54	AFB	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	
			VERT	0.98	3.70E+00	3.72E+00	3.65E+00	6.85E-02	1.44E-03	
		FBR	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	
			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		
			270	1.40	1.13E+00	8.45E-01	7.83E-01	1.71E-02	3.70E-04		
			SLD	VERT	1.10	1.84E+00	1.91E+00	1.78E+00	2.79E-02	4.65E-04	
10/20/79	00:14:27	000	1.10	1.49E+00	1.50E+00	1.43E+00	2.90E-02	1.18E-03			
			270	1.10	2.52E+00	2.46E+00	2.47E+00	5.26E-02	2.12E-03		
			AFB	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			
			270	0.60	4.13E+00	4.03E+00	3.91E+00	1.30E-01	5.53E-03		
			CRK	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		
			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		
		GRS	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		
			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		
		SLD	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		
		10/20/79	03:14:53	AFB	VERT	1.72	3.56E+00	3.27E+00	3.14E+00	4.92E-02	1.06E-03
					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
					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
				GRS	VERT	0.85	1.94E+00	1.85E+00	1.75E+00	3.32E-02	1.01E-03
					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
				KYR	VERT	1.75	5.42E+01	4.09E+01	3.57E+01	3.42E-01	5.88E-03
					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
SLD	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		
10/20/79	05:04:07			AFB	VERT	0.67	1.54E+01	1.61E+01	1.64E+01	2.18E-01	5.94E-03
					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
					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
				CRK	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)
10/20/79	05:56:21	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
		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
	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
	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
	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 ₁ (cm/sec ²)	SMA-1 Accel ₂ (cm/sec ²)	Cor. Accel ₂ (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
	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
	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
	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
			000	1.40	1.47E+00	1.41E+00	1.39E+00	3.89E-02	9.16E-04
	20:52:24	AFB	270	0.93	2.26E+00	2.31E+00	2.27E+00	4.50E-02	1.06E-03
			VERT	1.02	2.31E+00	2.47E+00	2.41E+00	3.09E-02	7.24E-04
			000	0.93	1.44E+00	1.20E+00	1.18E+00	3.02E-02	1.14E-03
		GRS	270	1.90	1.03E+00	1.06E+00	1.01E+00	1.27E-02	1.70E-04
			VERT	1.15	6.04E-01	5.15E-01	4.90E-01	4.35E-03	7.06E-05
			000	1.30	1.96E+00	2.01E+00	1.93E+00	2.98E-02	9.76E-04
		SLD	270	0.86	3.71E+00	3.73E+00	3.71E+00	6.75E-02	2.57E-03
			VERT	1.15	8.02E+00	8.22E+00	7.99E+00	1.57E-01	5.03E-03
			000	1.30	1.41E+01	8.19E+00	8.06E+00	7.13E-02	1.19E-03
	22:32:46	FBR	270	0.61	6.61E+00	6.53E+00	6.36E+00	1.01E-01	3.44E-03
			VERT	1.70	5.12E+00	5.23E+00	5.16E+00	5.88E-02	1.22E-03
			000	1.70	5.12E+00	5.23E+00	5.16E+00	5.88E-02	1.22E-03
		GRS	270	1.05	1.44E+00	1.47E+00	1.41E+00	2.16E-02	6.89E-04
			VERT	2.20	2.21E+00	2.22E+00	2.22E+00	2.91E-02	4.08E-04
			000	2.20	2.11E+00	1.96E+00	2.00E+00	1.57E-02	1.44E-04
		KYR	270	1.30	3.04E+01	1.57E+01	1.47E+01	1.22E-01	2.07E-03
			VERT	0.90	4.33E+01	4.31E+01	4.31E+01	6.23E-01	1.49E-02
			000	0.90	4.20E+01	4.02E+01	4.19E+01	6.22E-01	1.40E-02
10/21/79	04:59:50	AFB	270	0.73	5.48E-01	4.66E-01	4.59E-01	1.35E-02	4.63E-04
			VERT	0.91	2.32E+00	1.14E+00	1.10E+00	2.94E-02	7.98E-04
			000	0.90	1.31E+00	1.27E+00	1.23E+00	3.23E-02	1.15E-03
		SLD	270	1.15	1.17E+00	8.00E-01	7.51E-01	2.52E-02	7.36E-04
			VERT	0.63	5.64E-01	4.43E-01	4.54E-01	9.28E-03	4.99E-04
			000	0.74	6.98E-01	4.95E-01	4.72E-01	9.53E-03	3.69E-04
	18:17:59	AFB	270	0.90	5.07E+00	5.12E+00	5.10E+00	1.36E-01	5.97E-03
			VERT	0.60	3.41E+00	3.44E+00	3.39E+00	1.49E-01	1.65E-02
			000	0.68	4.95E+00	4.90E+00	4.90E+00	3.46E-01	3.33E-02
		CRK	270	0.72	2.84E+01	2.73E+01	2.83E+01	5.06E-01	8.88E-03
			VERT	0.70	1.43E+02	8.85E+01	8.00E+01	1.61E+00	6.58E-02
			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)
10/21/79	19:04:12	FBR	270	0.66	1.42E+02	4.43E+01	4.33E+01	1.08E+00	3.59E-02
			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
		GRS	270	0.19	2.55E+01	2.62E+01	2.57E+01	4.78E-01	3.71E-02
			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
		HRS	270	1.57	2.93E+00	2.82E+00	2.92E+00	2.43E-02	2.50E-04
			VERT	0.69	1.20E+02	1.09E+02	1.08E+02	1.29E+00	2.86E-02
			000	0.41	1.85E+02	1.88E+02	1.83E+02	3.74E+00	2.67E-01
		JMS	270	0.41	1.58E+02	1.61E+02	1.53E+02	3.42E+00	1.53E-01
			VERT	2.10	1.32E+01	1.12E+01	9.06E+00	1.85E-01	4.25E-03
			000	0.42	9.50E+00	9.39E+00	9.31E+00	3.98E-01	3.48E-02
		KYR	270	0.85	6.56E+00	6.80E+00	6.48E+00	2.38E-01	1.51E-02
			VERT	0.85	5.04E+01	4.23E+01	4.71E+01	6.80E-01	2.30E-02
			000	0.50	1.01E+02	1.00E+02	1.01E+02	2.26E+00	1.13E-01
		SLD	270	0.50	9.20E+01	9.03E+01	9.29E+01	1.81E+00	7.90E-02
			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
		CRK	270	0.34	4.05E+00	4.10E+00	3.97E+00	1.78E-01	1.19E-02
			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
		GRS	270	0.90	5.59E+00	5.41E+00	5.27E+00	1.32E-01	4.07E-03
			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
10/21/79	21:14:28	AFB	270	2.30	3.78E+00	3.93E+00	3.88E+00	4.09E-02	4.34E-04
			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
		CRK	270	1.20	4.06E+00	4.01E+00	3.89E+00	7.85E-02	1.61E-03
			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
		FBR	270	1.15	3.37E+00	3.52E+00	3.34E+00	6.72E-02	1.95E-03
			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
		HRS	270	0.82	3.95E+00	3.86E+00	3.72E+00	5.36E-02	1.19E-03
			VERT	1.70	7.87E+00	6.19E+00	5.45E+00	5.21E-02	6.17E-04
			000	1.10	1.07E+01	8.72E+00	8.25E+00	1.52E-01	4.37E-03
10/22/79	00:43:05	GRS	270	1.10	1.09E+01	1.03E+01	1.01E+01	1.85E-01	4.26E-03
			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
10/22/79	10:40:43	CRK	270	3.60	9.71E-01	6.17E-01	6.37E-01	5.04E-03	5.02E-05
			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
		GRS	270	0.60	3.15E+00	3.13E+00	3.11E+00	8.10E-02	3.17E-03
			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)
10/23/79	01:41:56	SLD	270	0.77	4.45E+01	4.56E+01	4.34E+01	8.50E-01	2.89E-02
			000	0.77	5.79E+01	5.89E+01	5.69E+01	7.78E-01	3.34E-02
			VERT	0.71	6.88E+00	7.15E+00	6.85E+00	8.92E-02	2.93E-03
		AFB	000	0.70	1.09E+01	1.10E+01	1.09E+01	3.48E-01	1.29E-02
			270	0.70	1.04E+01	1.05E+01	1.03E+01	2.96E-01	1.28E-02
			VERT	0.80	4.25E+00	3.56E+00	3.17E+00	9.09E-02	2.13E-03
		CRK	000	0.80	2.11E+00	2.09E+00	2.00E+00	3.81E-02	1.21E-03
			270	0.80	2.61E+00	2.75E+00	2.73E+00	5.23E-02	1.35E-03
			VERT	1.00	4.60E+00	4.10E+00	4.30E+00	4.21E-02	1.05E-03
		FBR	000	0.70	7.07E+00	7.16E+00	7.06E+00	1.47E-01	6.97E-03
			270	0.70	3.16E+00	3.16E+00	3.09E+00	4.67E-02	1.87E-03
			VERT	0.57	1.10E+01	9.25E+00	8.83E+00	6.86E-02	1.21E-03
		GRS	000	0.47	2.72E+01	2.84E+01	2.75E+01	4.06E-01	1.34E-02
			270	0.39	1.25E+01	1.20E+01	1.18E+01	1.94E-01	4.27E-03
			VERT	1.10	2.41E+00	2.34E+00	2.51E+00	4.52E-02	1.15E-03
		HRS	000	2.00	1.07E+01	1.09E+01	1.07E+01	1.49E-01	2.14E-03
			270	2.00	3.00E+00	2.70E+00	2.83E+00	2.67E-02	3.97E-04
			VERT	0.95	1.49E+01	8.79E+00	7.18E+00	6.80E-02	9.28E-04
		KYR	270	0.38	2.39E+01	2.26E+01	2.30E+01	3.12E-01	6.31E-03
			000	0.38	1.34E+01	1.24E+01	1.33E+01	3.06E-01	1.56E-02
			VERT	1.15	1.28E+01	9.18E+00	9.02E+00	1.11E-01	1.63E-03
		SLD	270	0.90	2.46E+01	2.40E+01	2.41E+01	2.71E-01	6.43E-03
			000	0.88	3.48E+01	3.35E+01	3.33E+01	3.95E-01	1.21E-02
			VERT	0.79	4.24E+00	4.28E+00	4.20E+00	5.80E-02	1.04E-03
10/23/79	05:16:49	SLD	000	1.10	3.34E+00	3.53E+00	3.41E+00	9.54E-02	3.54E-03
			270	0.99	5.22E+00	5.41E+00	5.21E+00	1.08E-01	4.19E-03
			VERT	0.85	1.87E+00	1.76E+00	1.75E+00	3.04E-02	9.50E-04
10/23/79	05:19:59	SLD	000	0.85	5.59E+00	5.61E+00	5.48E+00	1.29E-01	4.41E-03
			270	1.00	6.59E+00	6.67E+00	6.84E+00	1.12E-01	2.87E-03
			VERT	1.47	3.58E+00	3.59E+00	3.56E+00	5.12E-02	1.69E-03
10/23/79	11:06:57	SLD	000	0.93	1.74E+01	1.77E+01	1.73E+01	2.25E-01	7.64E-03
			270	0.58	1.74E+01	1.73E+01	1.74E+01	2.97E-01	7.51E-03
			VERT	1.00	1.48E+00	1.05E+00	1.07E+00	1.82E-02	8.70E-04
10/23/79	12:52:27	GRS	000	0.70	4.05E+00	4.18E+00	3.96E+00	9.25E-02	4.77E-03
			270	2.00	5.14E+00	4.76E+00	4.75E+00	8.15E-02	2.13E-03
			VERT	1.20	1.66E+00	1.62E+00	1.61E+00	2.00E-02	4.71E-04
10/24/79	02:00:30	SLD	000	1.80	9.78E-01	9.11E-01	9.29E-01	1.05E-02	1.54E-04
			270	1.80	8.90E-01	7.28E-01	7.39E-01	6.16E-03	5.13E-05
			VERT	1.47	1.24E+00	1.17E+00	1.20E+00	2.82E-02	7.45E-04
10/24/79	03:05:19	GRS	000	1.45	3.61E+00	3.69E+00	3.66E+00	6.84E-02	1.84E-03
			270	0.96	4.33E+00	4.34E+00	4.21E+00	7.89E-02	3.03E-03
			VERT	1.30	2.03E+00	1.87E+00	1.93E+00	2.19E-02	2.83E-04
		JMS	000	2.10	2.27E+00	2.38E+00	2.37E+00	2.59E-02	3.84E-04
			270	3.50	1.27E+00	8.46E-01	7.80E-01	7.41E-03	8.01E-05
			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	2.47E-02	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
			270	2.10	2.18E+00	8.20E-01	5.73E-01	5.80E-03	8.50E-05
10/26/79	07:54:22	BCS	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
			270	0.78	8.23E+00	6.18E+00	5.63E+00	8.15E-02	2.67E-03
10/27/79	07:44:48	BCS	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)	
10/31/79	18:49:46	IVC	VERT	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
				000	0.94	6.18E+00	6.21E+00	6.25E+00	1.22E-01	3.59E-03
		ROB	VERT	000	0.92	1.31E+01	1.35E+01	1.31E+01	2.39E-01	6.63E-03
				000	1.25	1.63E+00	1.25E+00	1.22E+00	1.48E-02	3.66E-04
				000	0.70	6.73E+00	6.95E+00	6.72E+00	1.99E-01	1.35E-02
		SLD	VERT	090	0.70	1.09E+01	1.14E+01	1.09E+01	2.17E-01	1.03E-02
				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
		SLD	VERT	270	0.66	8.80E+00	6.01E+00	5.45E+00	1.01E-01	8.34E-03
				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
11/01/79	09:29:33	AFB	VERT	270	0.81	3.94E+00	3.87E+00	3.87E+00	4.76E-02	9.34E-04
				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
		SLD	VERT	270	0.89	2.72E+00	2.61E+00	2.84E+00	6.00E-02	2.57E-03
				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
		AFB	VERT	270	0.59	1.54E+01	1.62E+01	1.54E+01	4.35E-01	1.27E-02
				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
		SLD	VERT	270	0.95	1.29E+00	9.82E-01	9.21E-01	2.63E-02	1.40E-03
				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
11/04/79	09:30:31	CRK	VERT	270	0.70	6.32E+00	6.07E+00	6.01E+00	1.21E-01	6.06E-03
				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
		SLD	VERT	270	0.80	4.58E+00	4.42E+00	4.45E+00	1.24E-01	5.55E-03
				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
		FBR	VERT	270	0.92	2.04E+01	2.05E+01	2.01E+01	5.37E-01	2.81E-02
				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
		AFB	VERT	270	1.50	3.79E+00	3.83E+00	3.82E+00	4.47E-02	6.99E-04
				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
11/04/79	10:23:26	FBR	VERT	270	0.60	1.90E+01	1.92E+01	1.93E+01	3.17E-01	8.52E-03
				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
		AFB	VERT	270	1.70	4.90E+00	5.11E+00	4.98E+00	7.49E-02	1.74E-03
				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
		CRK	VERT	270	0.53	2.43E+01	2.52E+01	2.43E+01	7.62E-01	2.46E-02
				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
		000	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)
11/04/79	20:08:07	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
		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)
11/11/79	15:59:23	BCS	VERT	000	0.50	6.14E+00	6.09E+00	5.85E+00	1.39E-02
				270	0.60	9.00E+00	9.01E+00	8.72E+00	5.98E-03
				000	0.95	3.31E+00	3.15E+00	3.41E+00	4.93E-04
				000	1.10	2.20E+00	2.22E+00	2.21E+00	1.58E-03
				090	1.15	1.98E+00	1.96E+00	1.92E+00	1.43E-03
11/12/79	00:54:36	SLD	VERT	000	1.62	8.66E+00	7.06E+00	5.64E+00	7.58E-04
				000	1.05	6.91E+00	6.63E+00	6.29E+00	2.02E-03
				270	0.99	6.32E+00	6.15E+00	6.03E+00	1.07E-03
				000	0.74	1.44E+01	1.33E+01	1.32E+01	8.91E-03
				270	0.47	8.98E+00	8.01E+00	8.33E+00	8.19E-03
11/14/79	03:52:47	CRK	VERT	000	0.70	1.52E+01	1.44E+01	1.59E+01	1.51E-01
				000	0.74	1.44E+01	1.33E+01	1.32E+01	2.58E-01
				270	0.47	8.98E+00	8.01E+00	8.33E+00	1.79E-01
				000	1.27	3.31E+00	2.90E+00	3.32E+00	2.48E-02
				270	0.64	5.45E+00	5.59E+00	5.49E+00	8.69E-02
		FBR	VERT	000	1.15	2.68E+00	2.60E+00	2.56E+00	3.66E-02
				270	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
				090	1.40	1.75E+00	1.77E+00	1.74E+00	2.37E-02
				000	1.50	4.49E+00	4.08E+00	3.83E+00	7.33E-02
		HUS	VERT	000	0.77	1.44E+01	1.48E+01	1.46E+01	2.96E-01
				270	0.77	9.13E+00	8.99E+00	8.87E+00	2.06E-01
				000	0.93	9.97E+00	8.88E+00	8.62E+00	9.04E-02
				270	0.56	1.13E+01	1.11E+01	1.15E+01	2.01E-01
				000	0.97	1.57E+01	1.54E+01	1.57E+01	1.66E-01
		SLD	VERT	270	0.97	1.57E+01	1.54E+01	1.57E+01	1.66E-01
				000	0.56	1.13E+01	1.11E+01	1.15E+01	2.01E-01
				270	0.97	1.57E+01	1.54E+01	1.57E+01	1.66E-01
				000	0.56	1.13E+01	1.11E+01	1.15E+01	2.01E-01
				270	0.97	1.57E+01	1.54E+01	1.57E+01	1.66E-01

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.

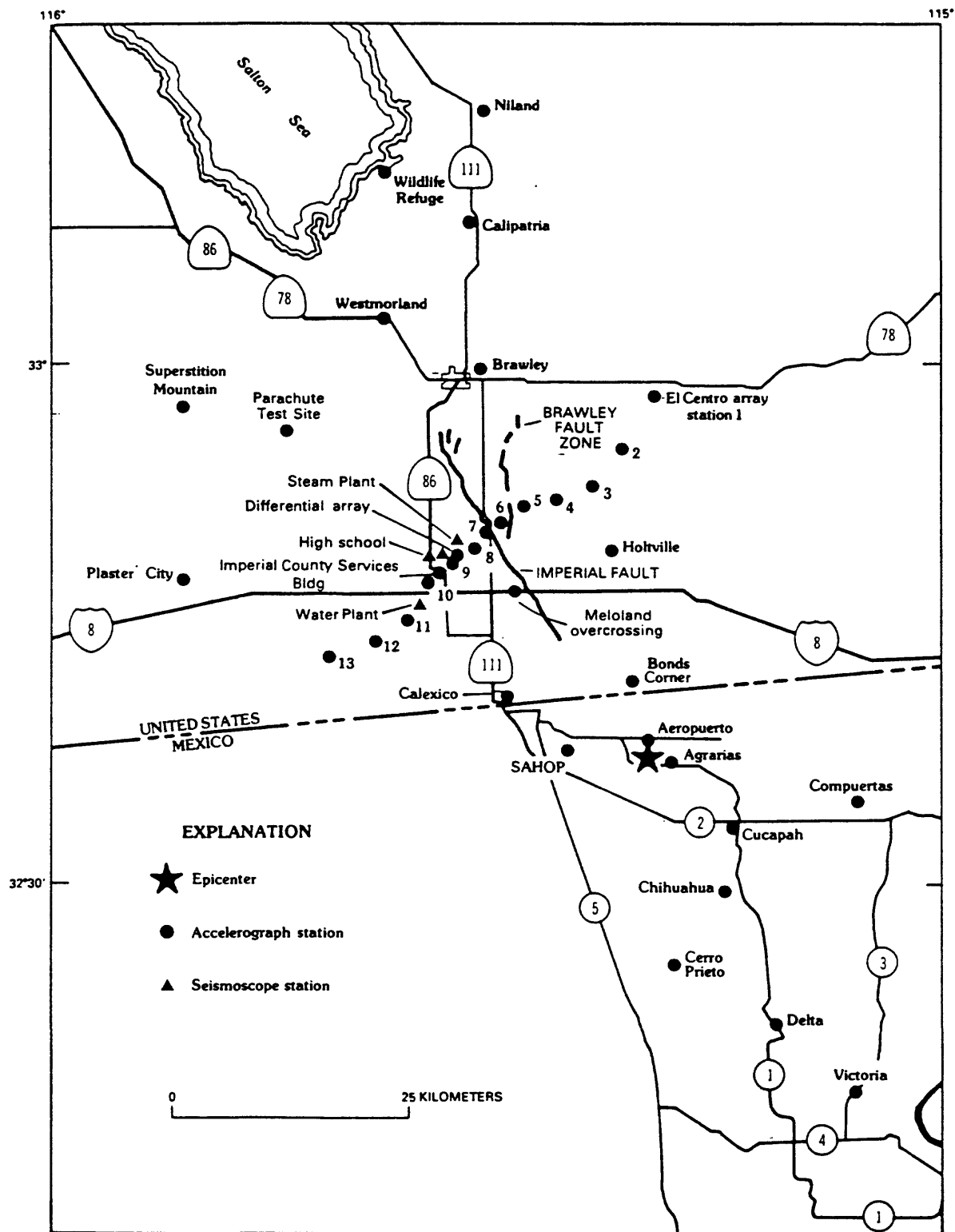


Figure 1. Map of the Imperial Valley, California and Mexicali Valley, Mexico regions showing locations of the epicenter of the October 15, 1979 earthquake (star), the surface fault rupture (bold lines), and the accelerographs that recorded the event (solid circles) [Porcella *et al.*, 1982]

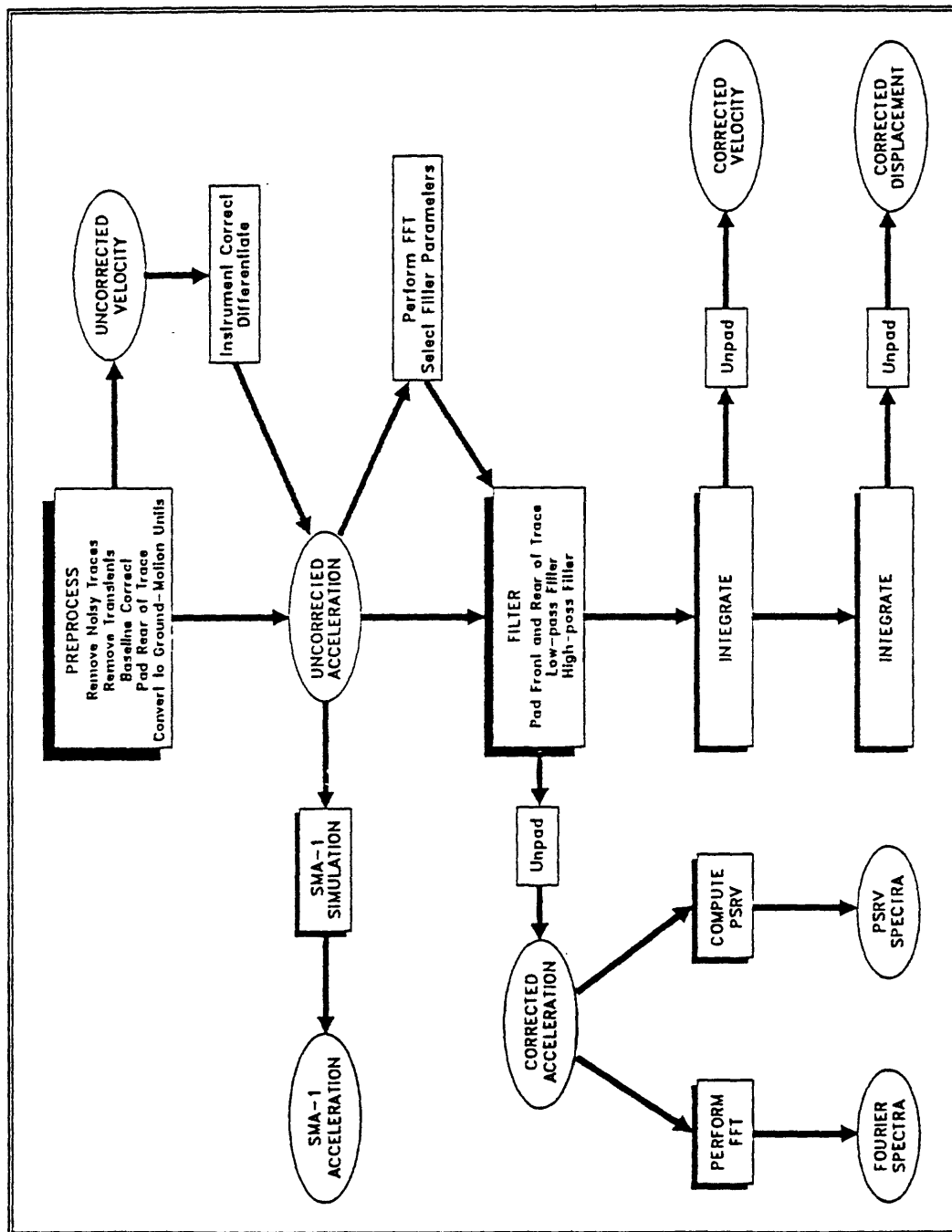


Figure 2. Flowchart showing the steps used to process digital aftershock recordings of the October 15, 1979 Imperial Valley, California, earthquake.

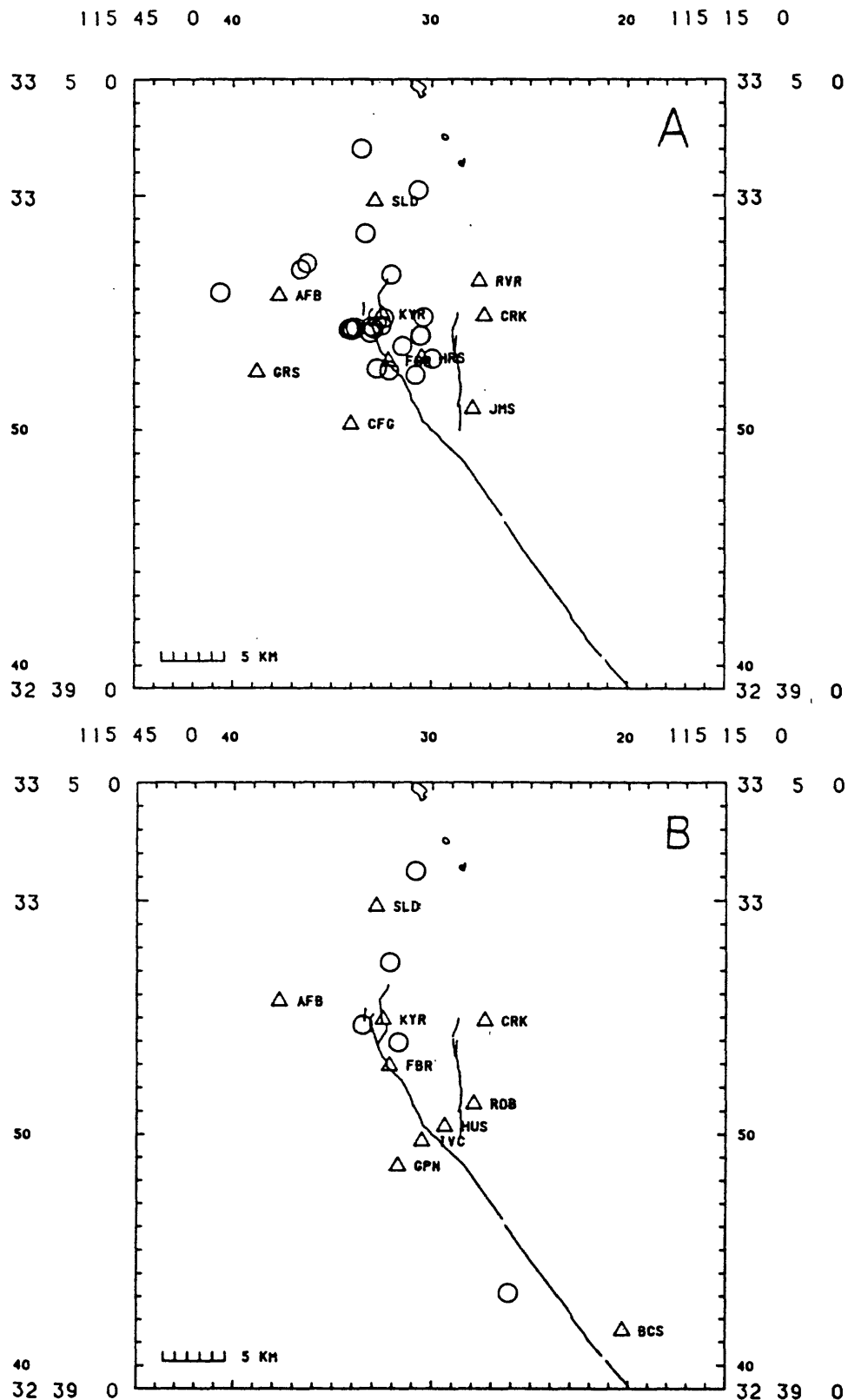


Figure 3. Map of the Imperial Valley, California region showing locations of the DR-100 digital seismographs (triangles) and located earthquakes (circles) for the periods Oct. 17-25, 1979 (a) and Oct. 25-Nov. 19, 1979 (b) [Fletcher et al., 1981].

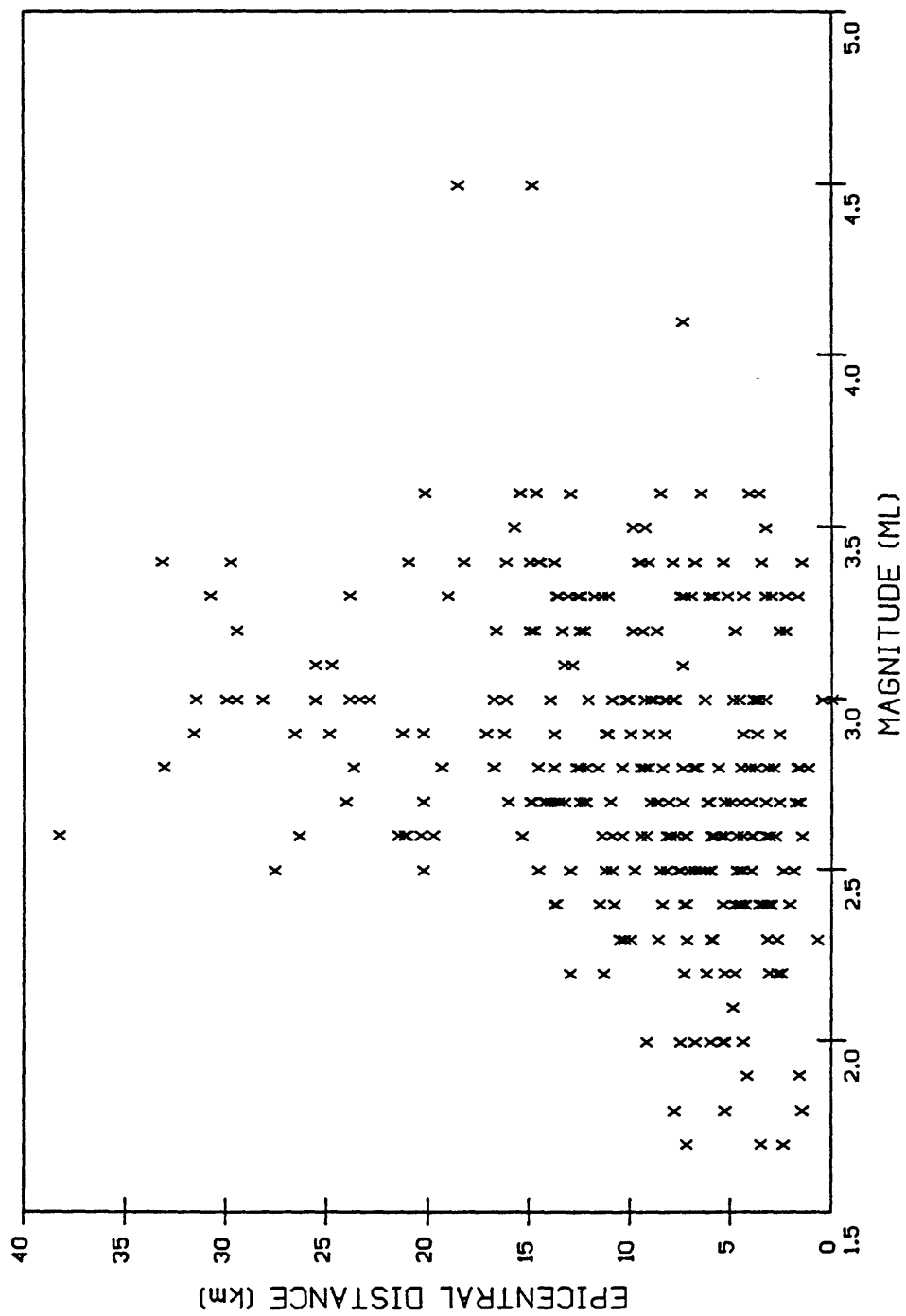


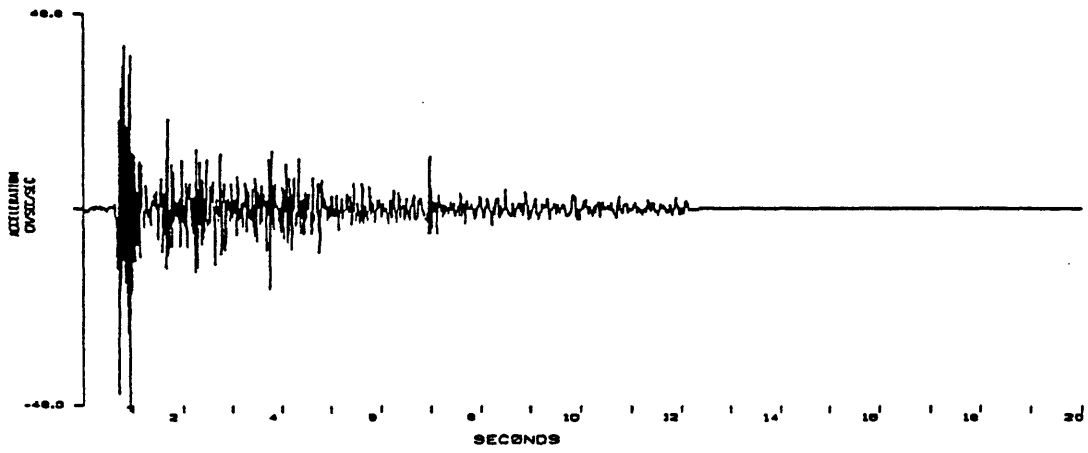
Figure 4. Distribution of processed digital aftershock recordings with respect to magnitude and distance for the October 15, 1979 Imperial Valley, California, earthquake.

APPENDIX

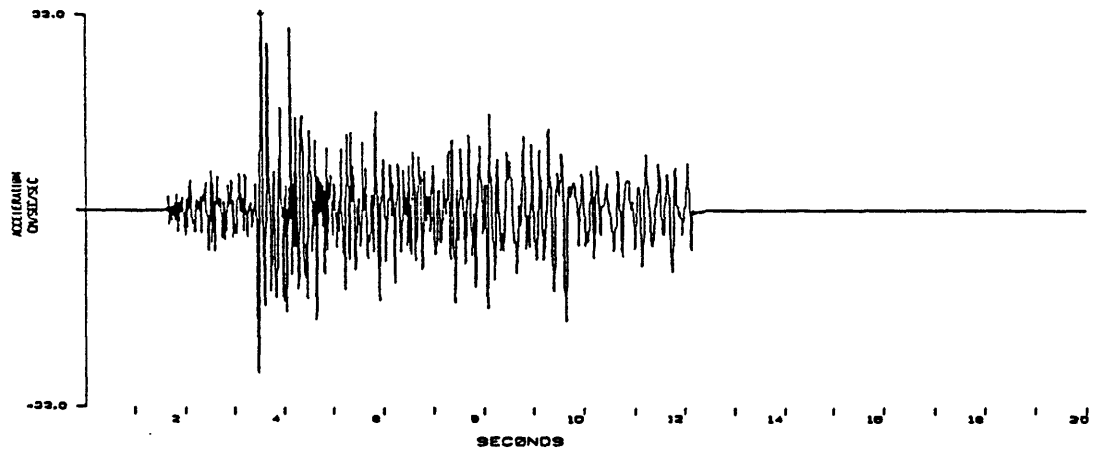
Plots of Selected Recordings

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

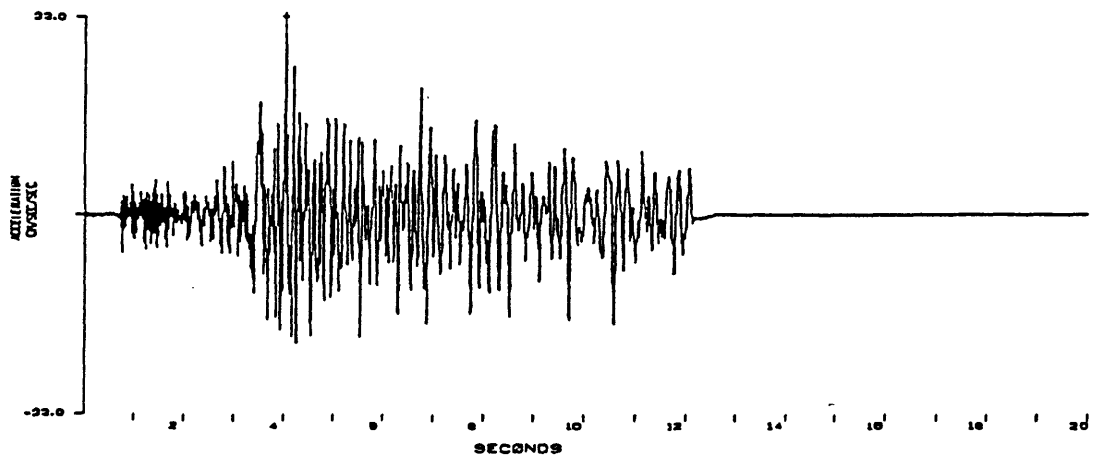
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:43:30 UTC, ML-4.1
STATION CPG, VERT



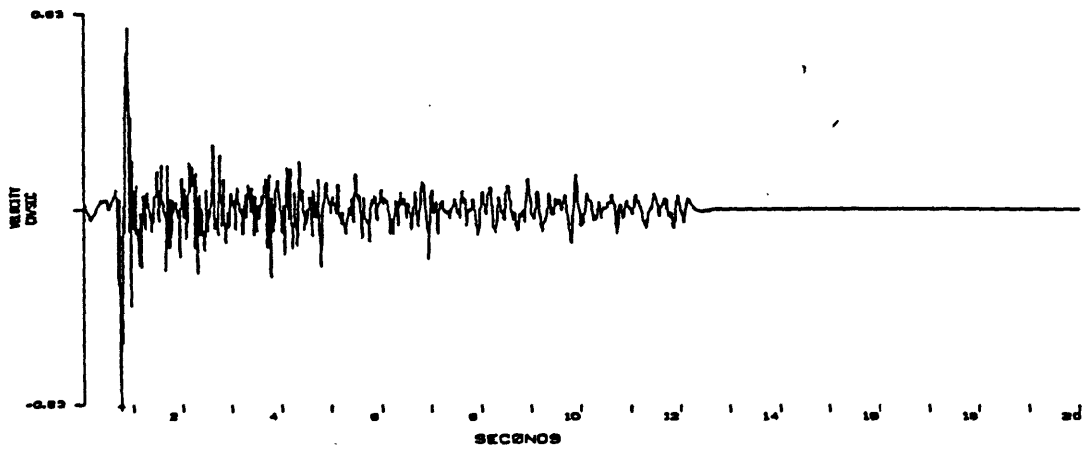
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:43:30 UTC, ML-4.1
STATION CPG, ODD



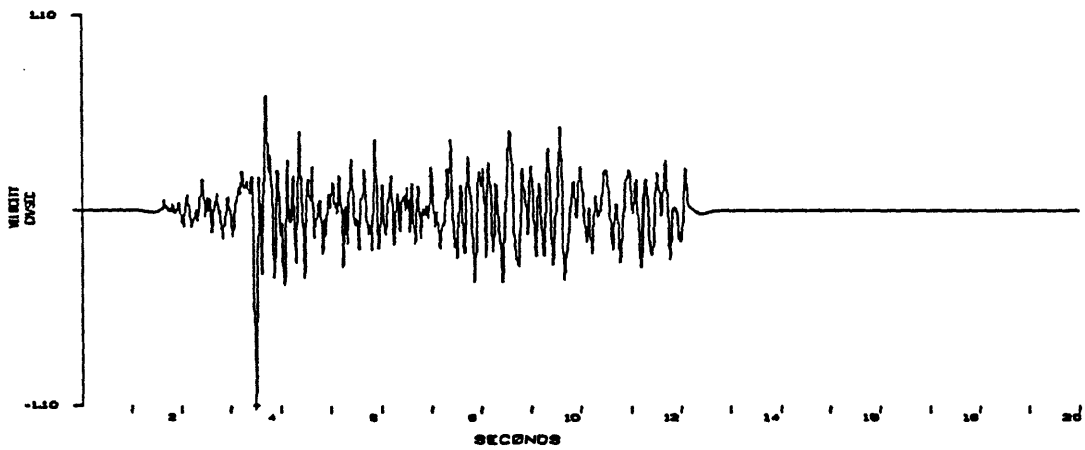
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STATION CPG, ODD



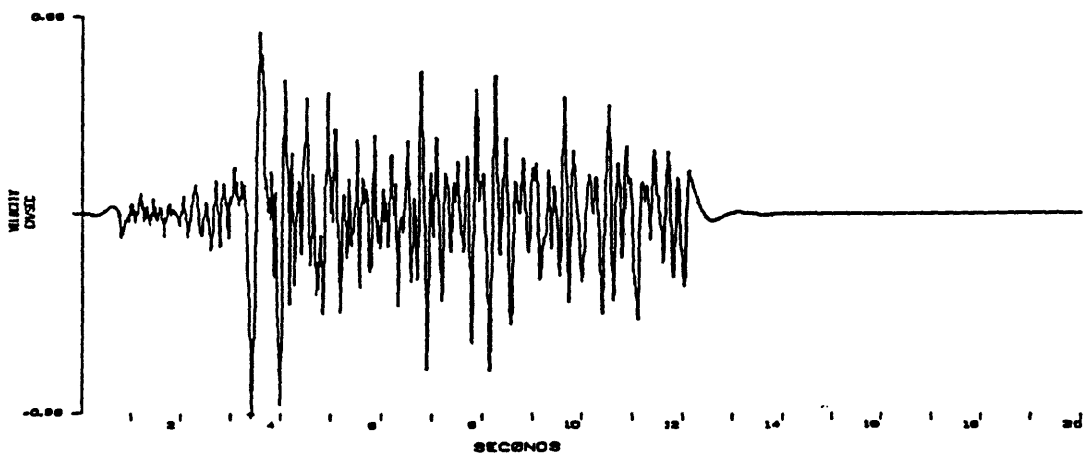
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML-4.1
STATION CF0, VERT



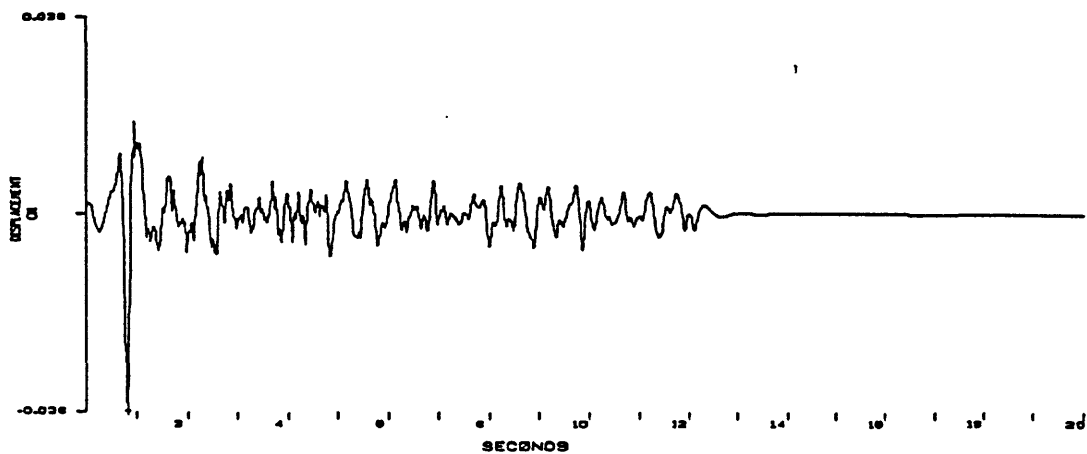
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML-4.1
STATION CF0, ODB



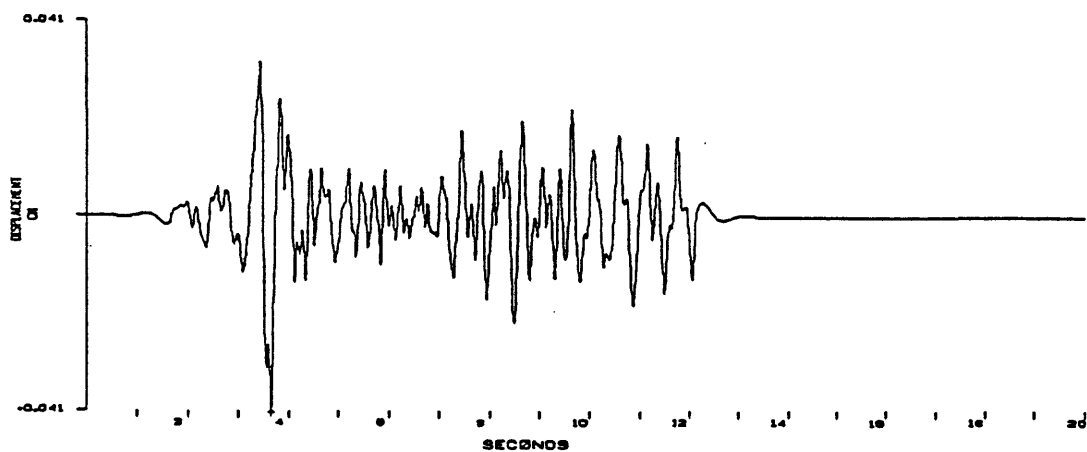
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STATION CF0, ODB



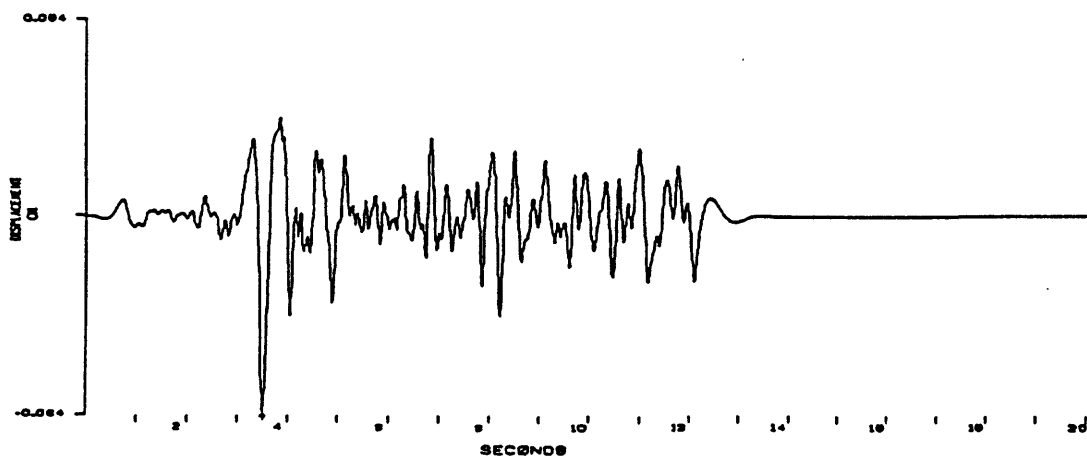
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML=4.1
STATION CPG, VER



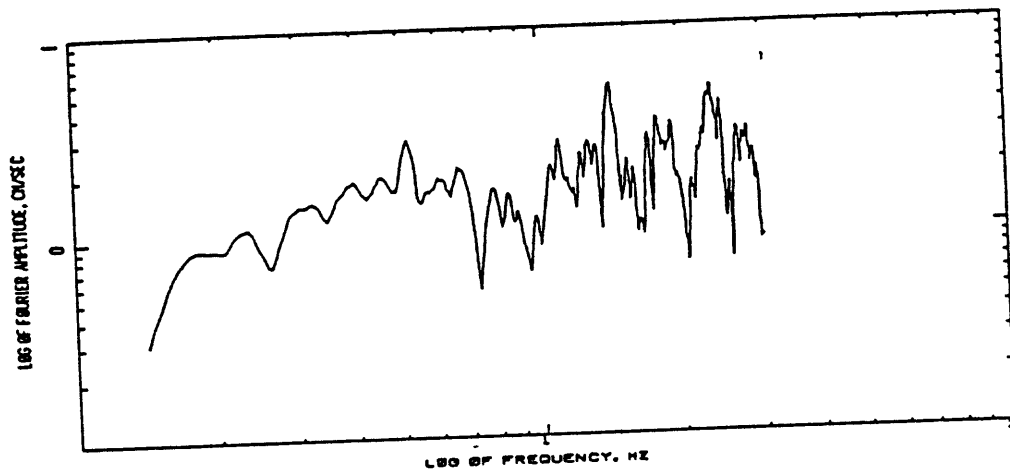
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STATION CPG, ODU



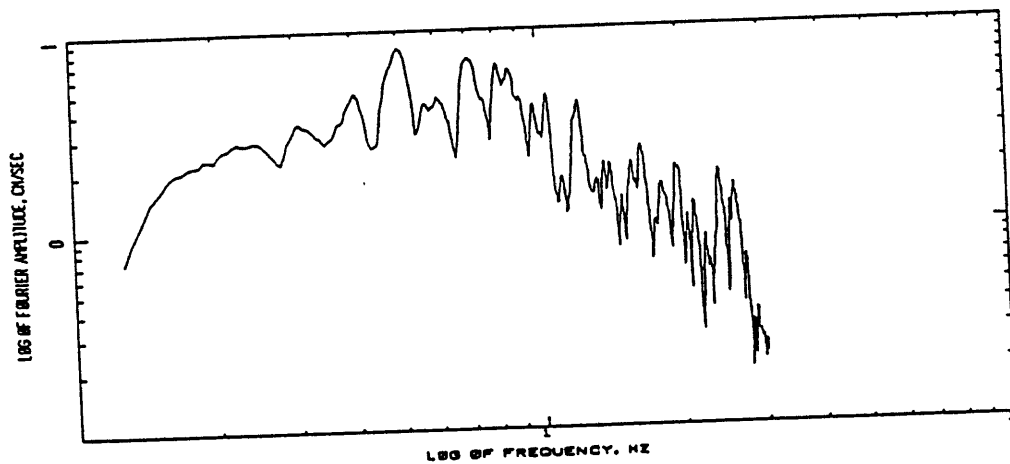
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML=4.1
STATION CPG, ODU



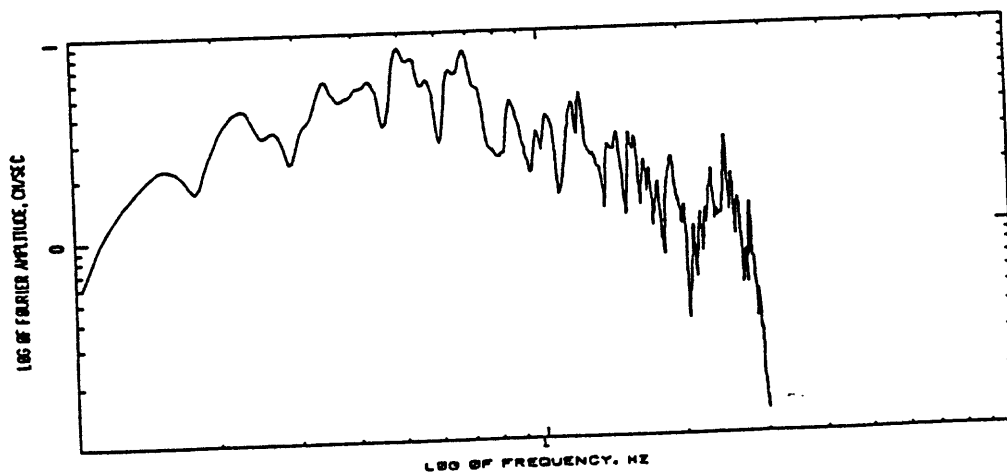
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 06:45:58 UTC, ML=4.1
 STATION: 001229, 0014138
 COMPUTING OPTIONS: ZCRSS,SHOOTHK101,NONBIS



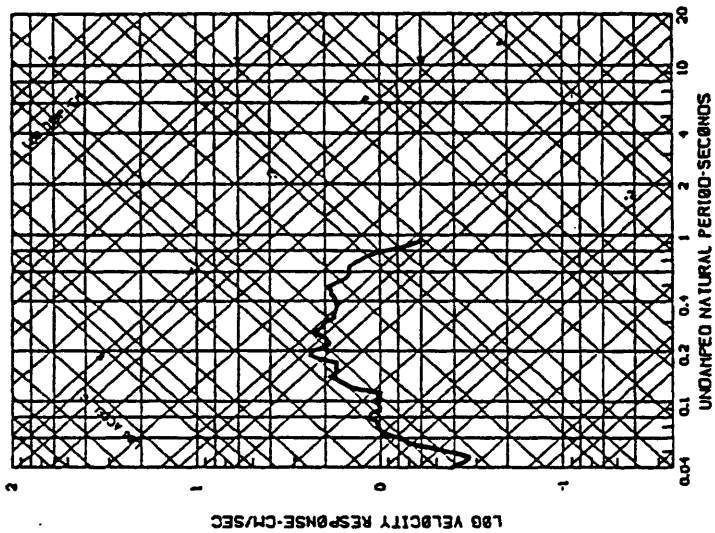
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 06:45:58 UTC, ML=4.1
 STATION: 001229, 0014138
 COMPUTING OPTIONS: ZCRSS,SHOOTHK101,NONBIS



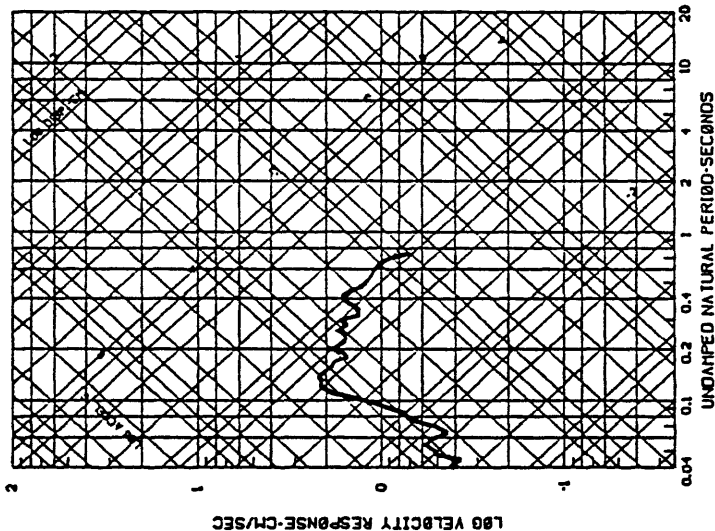
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 06:45:58 UTC, ML=4.1
 STATION: 001229, 0014138
 COMPUTING OPTIONS: ZCRSS,SHOOTHK101,NONBIS



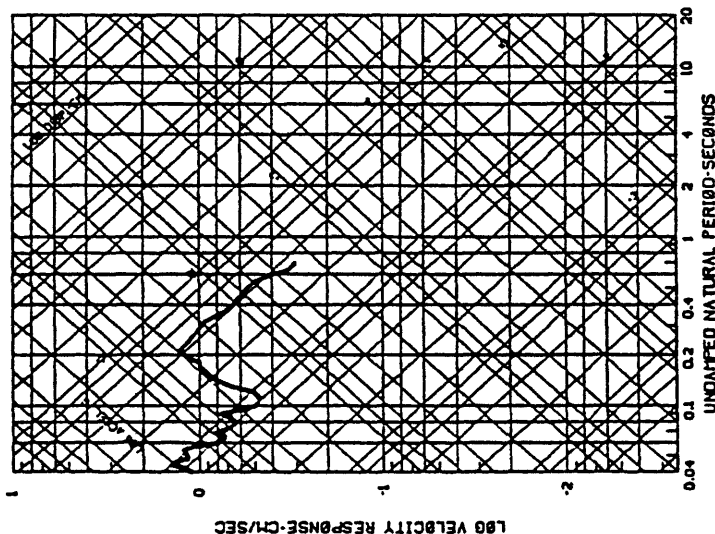
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML-4.1
STATION CPG, 000
5 PERCENT CRITICAL DAMPING



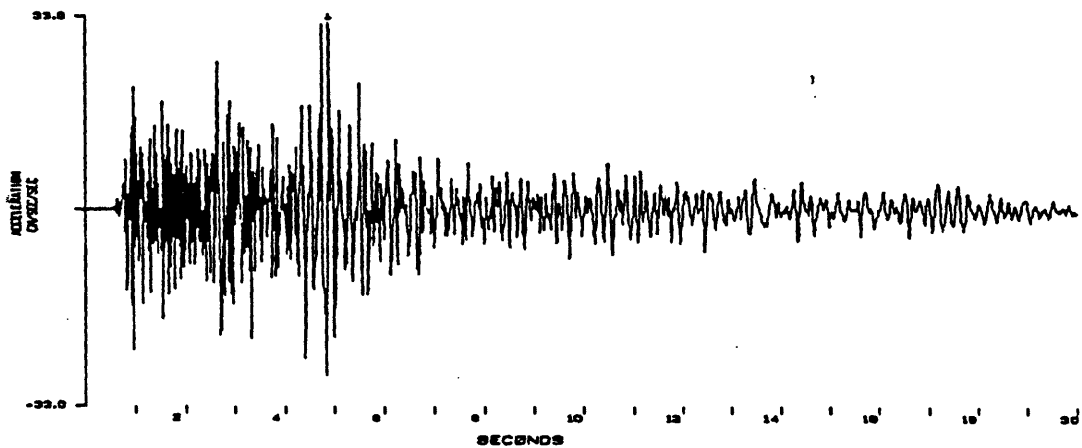
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IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML-4.1
STATION CPG, 000
5 PERCENT CRITICAL DAMPING



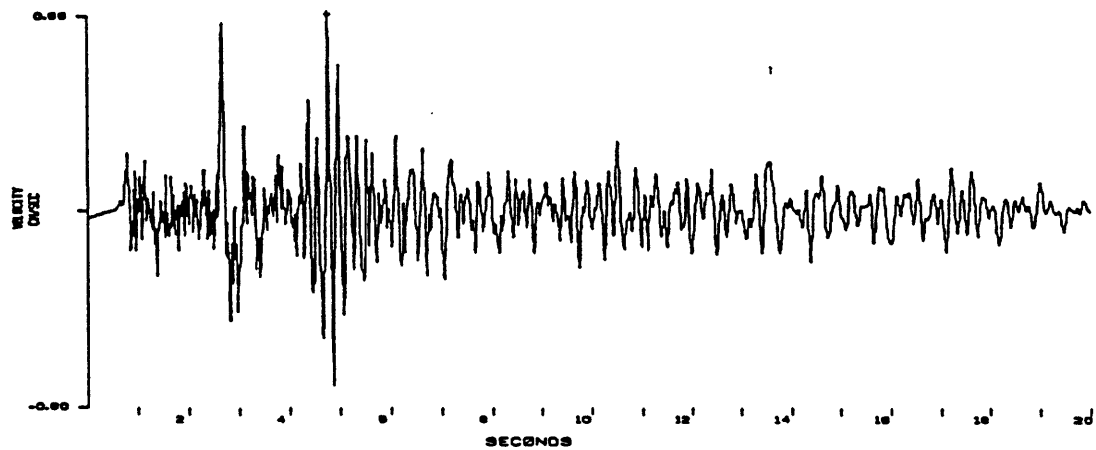
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 18:14:38 UTC, ML-4.1
STATION CPG, 000
5 PERCENT CRITICAL DAMPING



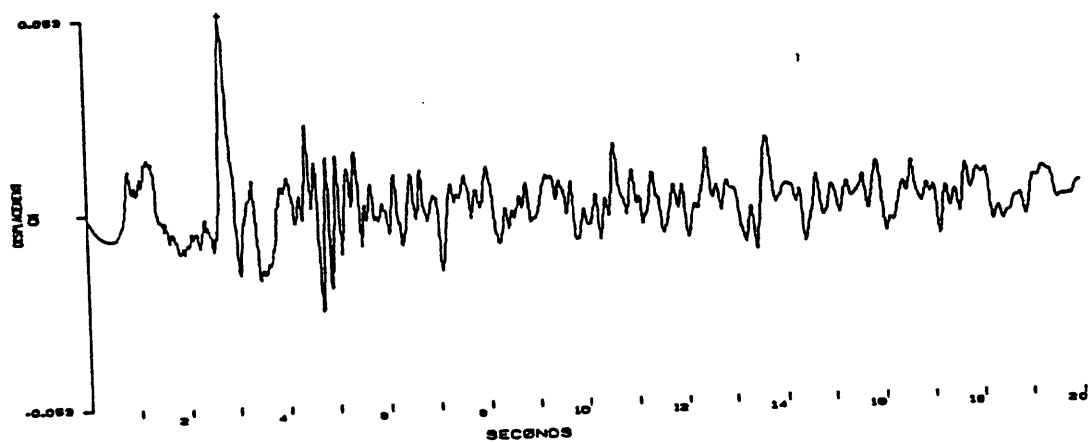
IMPERIAL VALLEY EARTHQUAKE, 10/17/76, 22:45:34 UTC, ML=4.8
STATION CRK. VERT



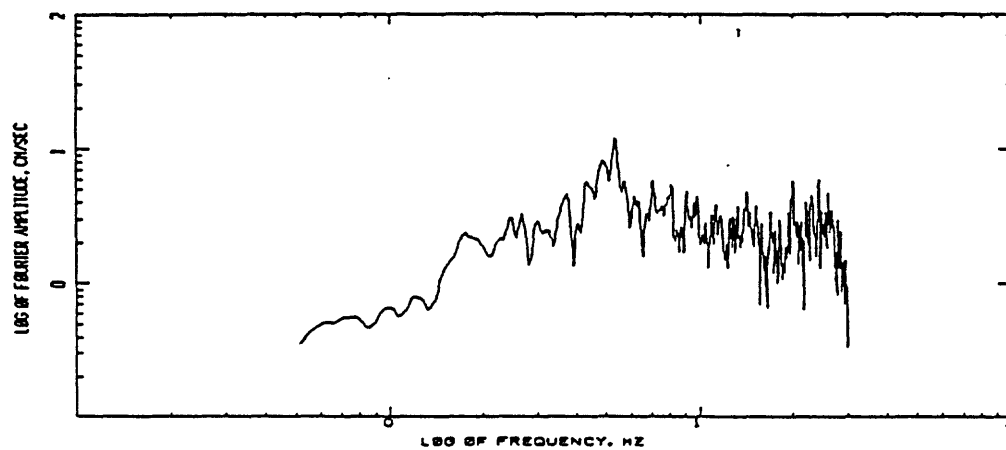
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 22:45:34 UTC, ML=4.5
STATION CH4, VERT



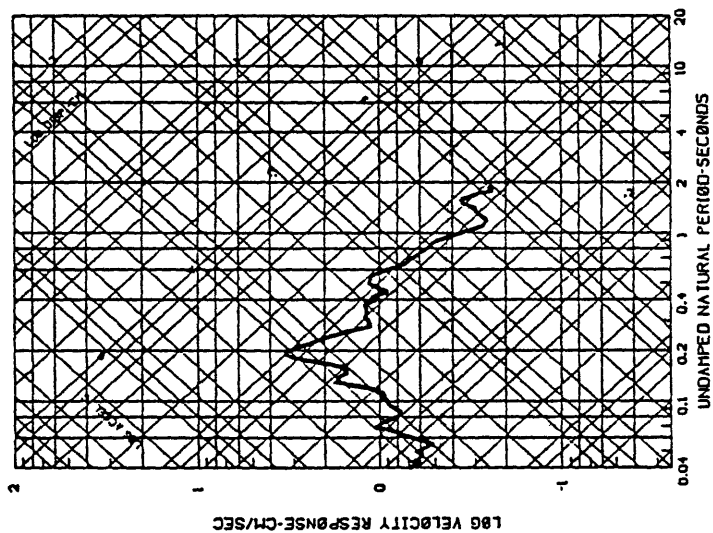
IMPERIAL VALLEY EARTHQUAKE, 10/17/70, 22:45:34 UTC, ML=4.5
STATION CRR, VERT

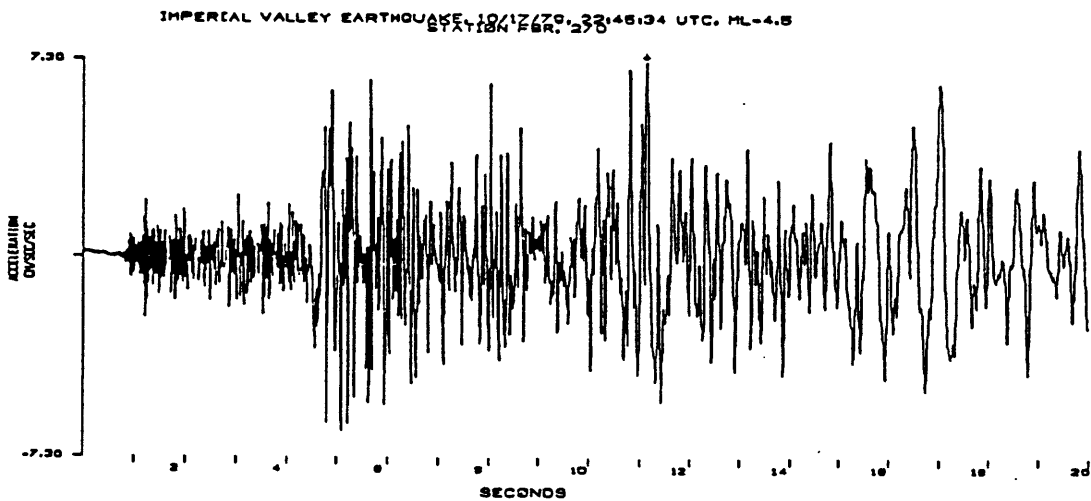
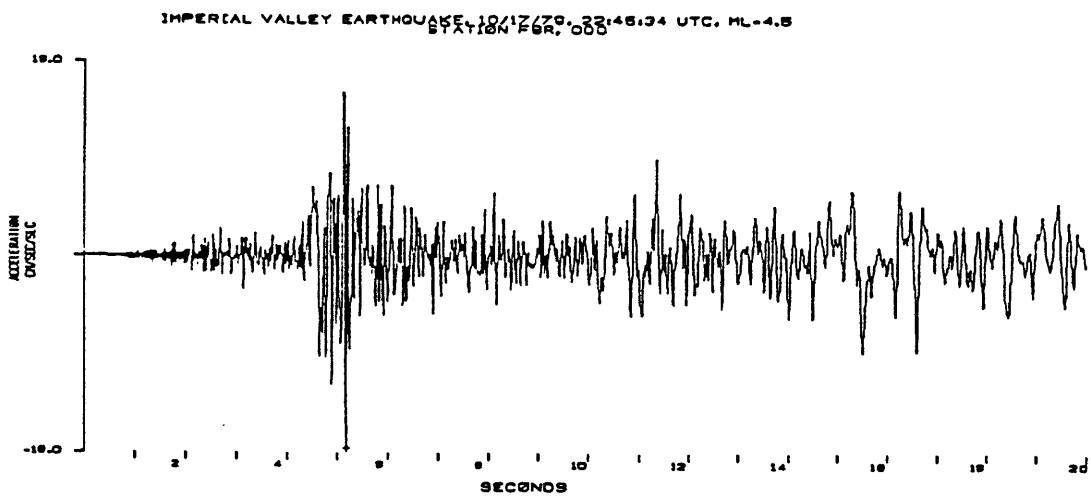
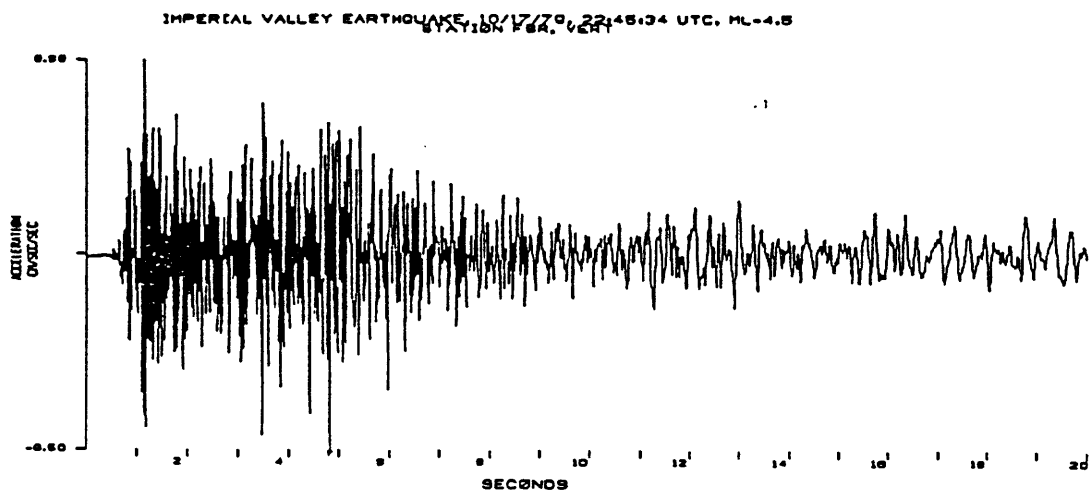


FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1940, 2:45:13.4 UTC, PL-4.5
EVALUATION PERIOD 0.001
COMPUTING OPTIONS- ZCR66, SMOOTH(10), NOISE

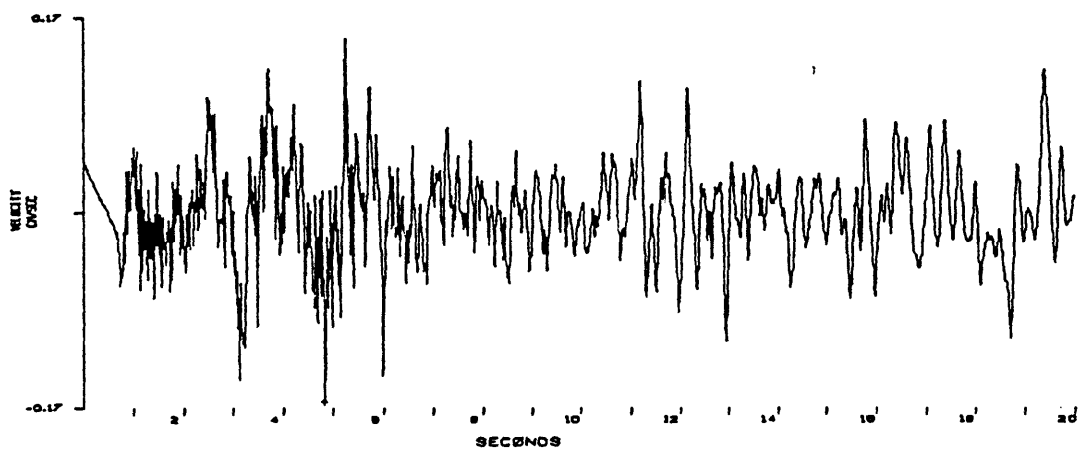


PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/17/79 22:45:34 UTC. N-4.5
 STATION CRK VERT
 5 PERCENT CRITICAL DAMPING

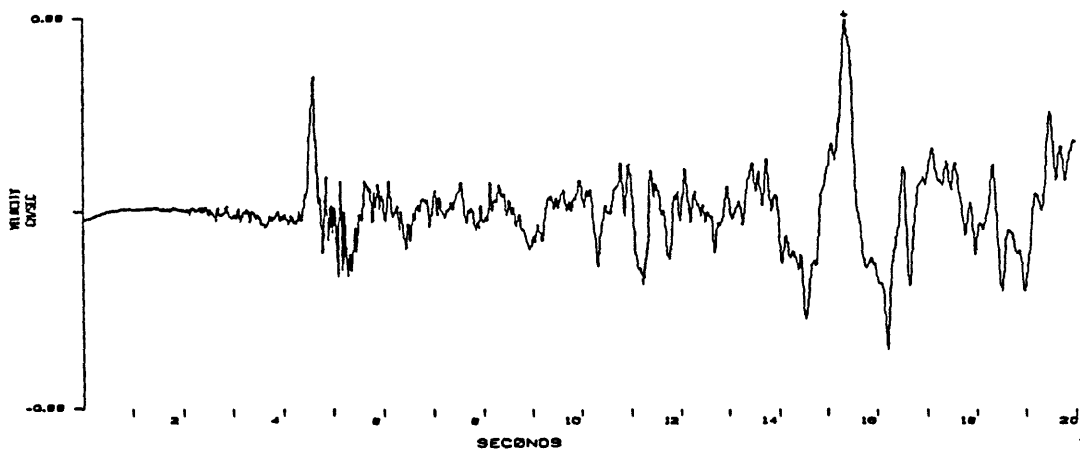




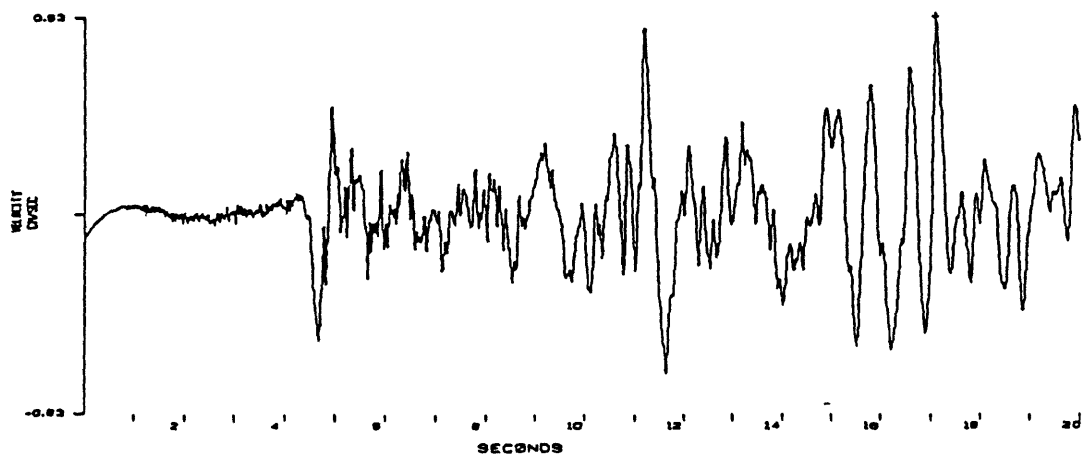
IMPERIAL VALLEY EARTHQUAKE, 10/17/70, 22:46:34 UTC, ML-4.5
STATION FBR, VERT



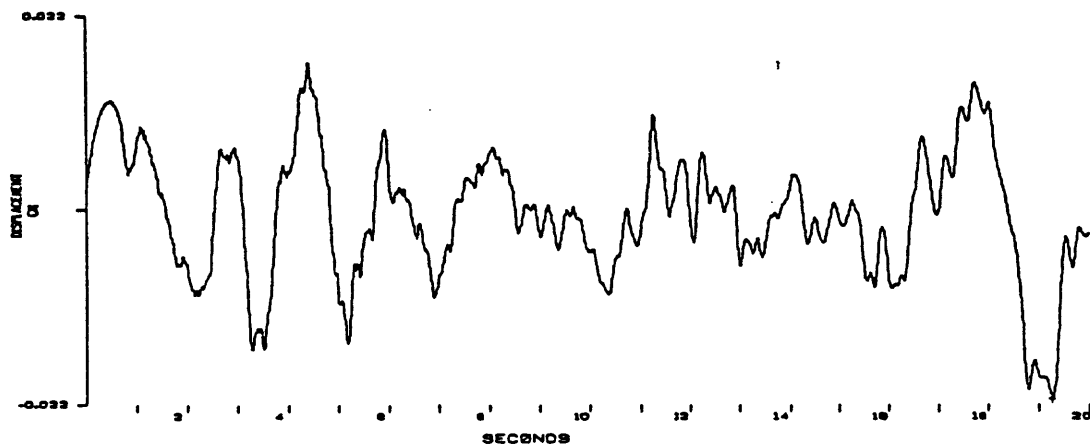
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STATION FBR, 060



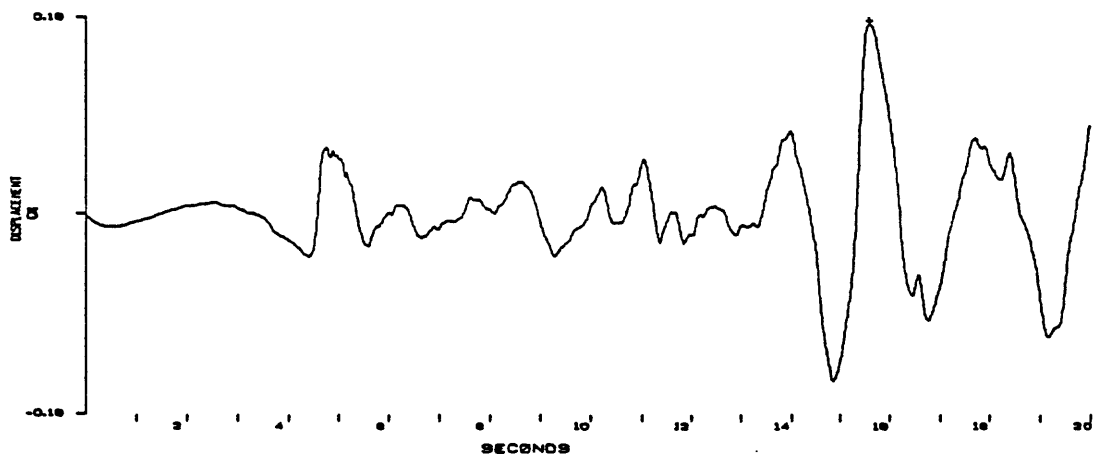
IMPERIAL VALLEY EARTHQUAKE, 10/17/70, 22:46:34 UTC, ML-4.5
STATION FBR, 270



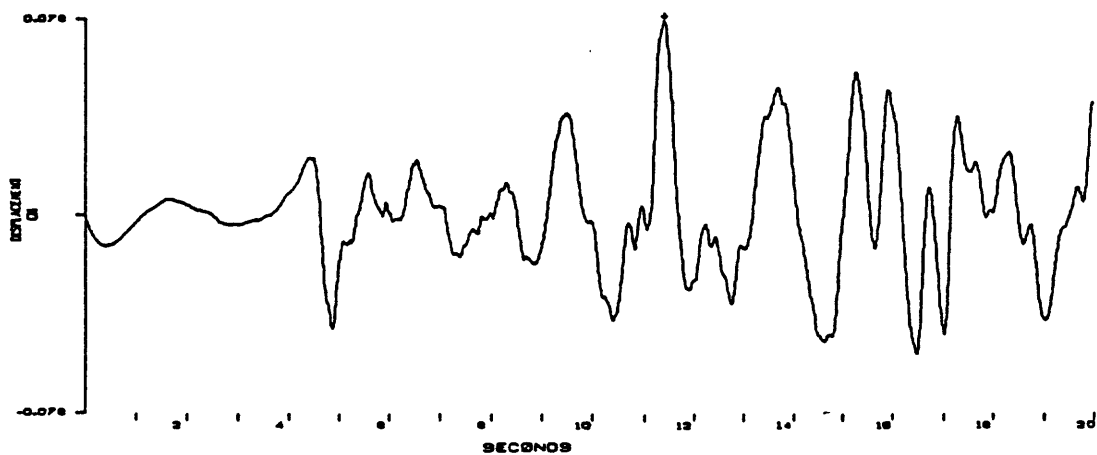
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STATION FBR, 664



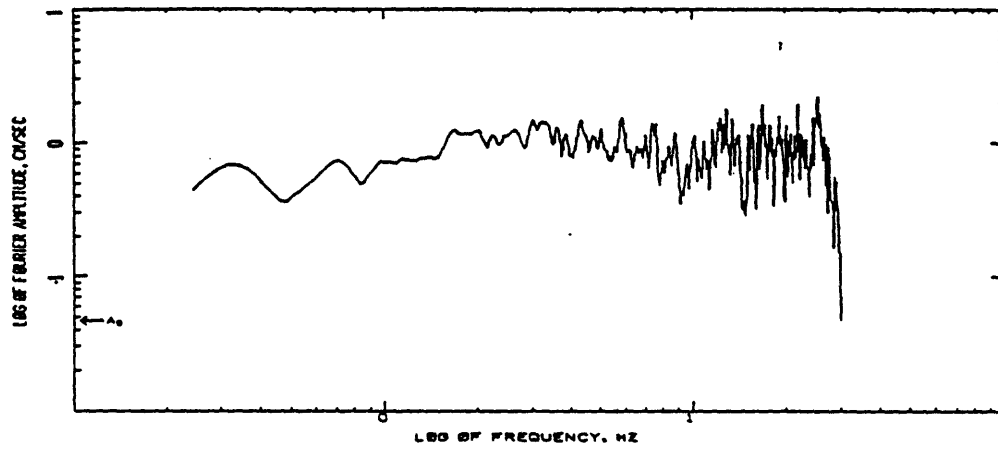
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 22:48:34 UTC, ML=4.5
STATION FBR, 000



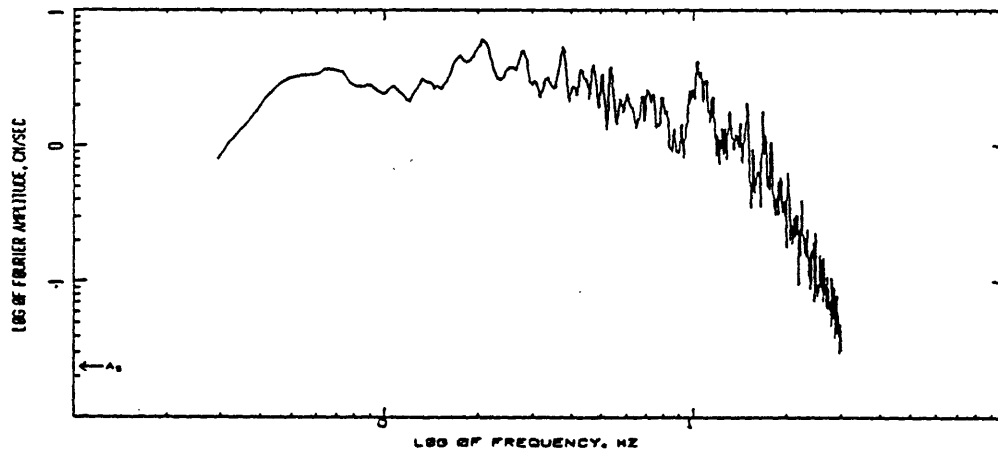
IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 22:48:34 UTC, ML=4.5
STATION FBR, 270



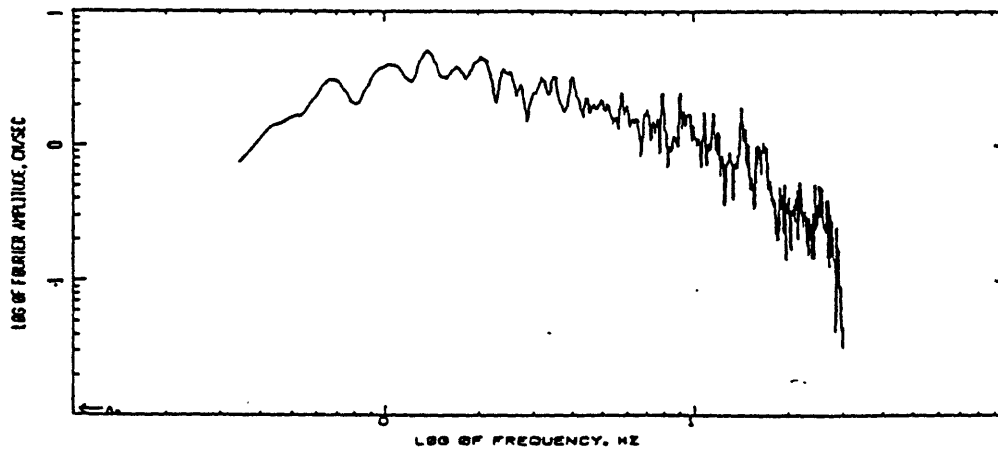
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/76, 22:45:34 UTC, RL-4.6
 STATION EBR, 000, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONNOISE



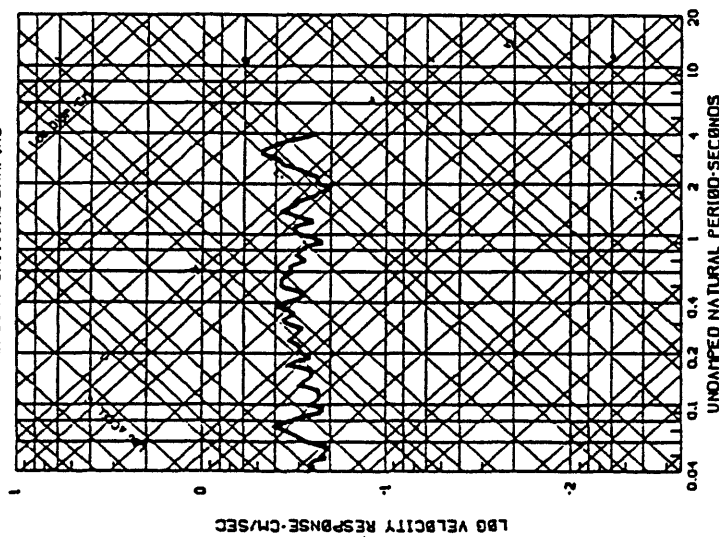
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/76, 22:45:34 UTC, RL-4.6
 STATION EBR, 000, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONNOISE



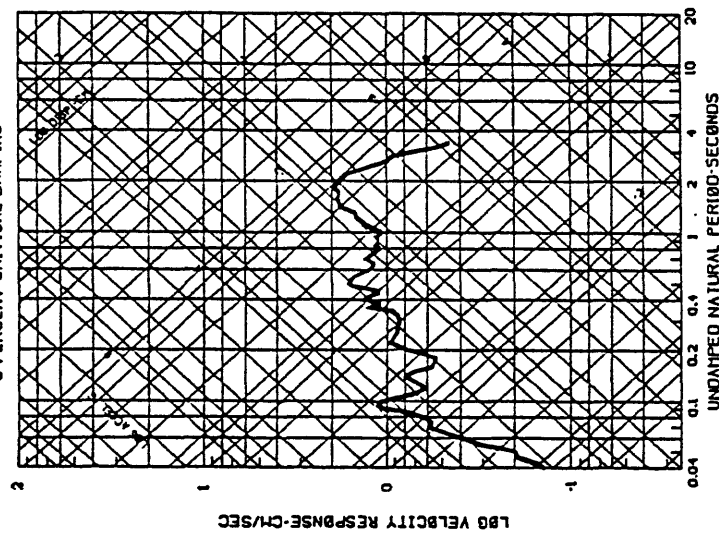
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/17/76, 22:45:34 UTC, RL-4.6
 STATION EBR, 000, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONNOISE



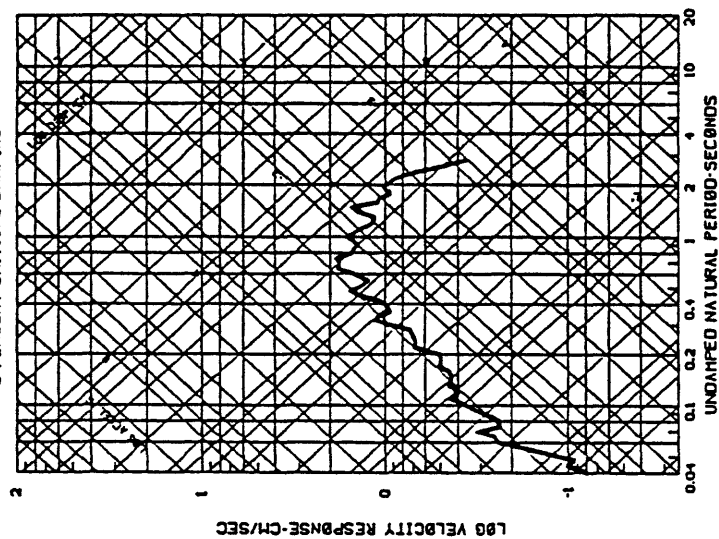
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 07/17/79, 5.2-5.34 UIC, FL-4.5
SEATON, 100% CRITICAL DAMPING



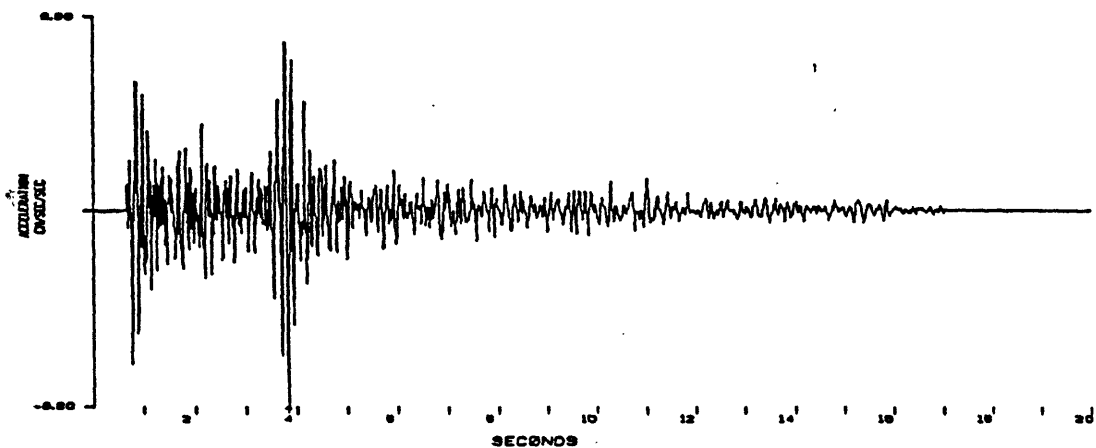
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 07/17/79, 5.2-5.34 UIC, FL-4.5
SEATON, 5% CRITICAL DAMPING



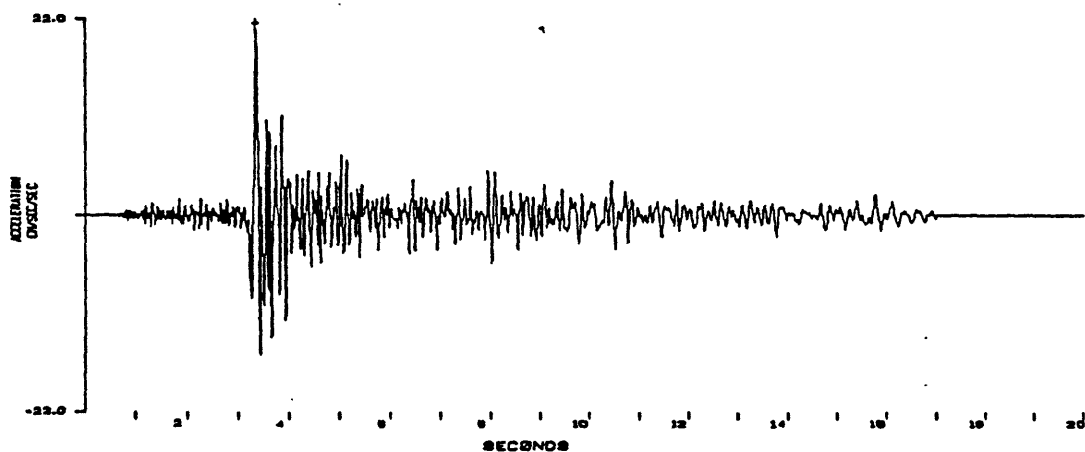
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 07/17/79, 5.2-5.34 UIC, FL-4.5
SEATON, 5% CRITICAL DAMPING



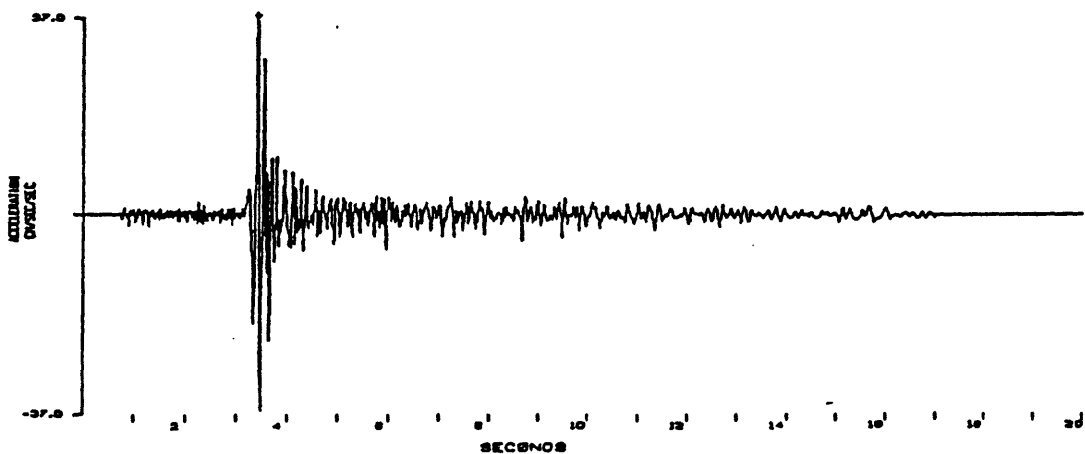
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 19:35:08 UTC, ML-3.4
STATION AFS, VERT

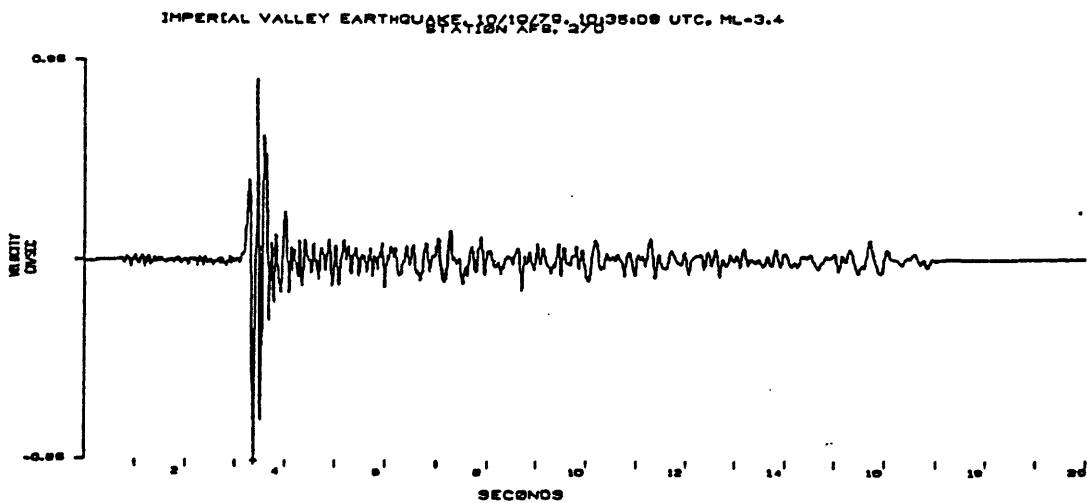
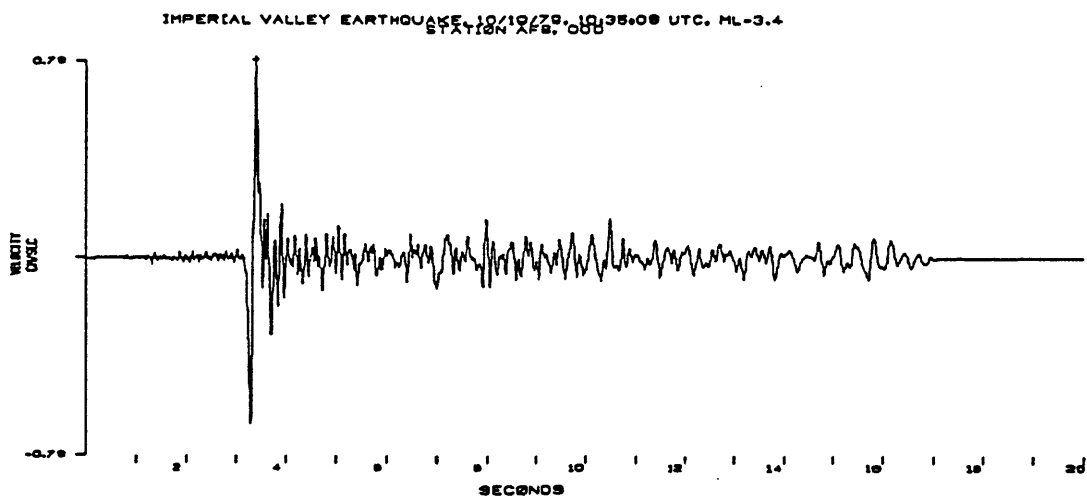
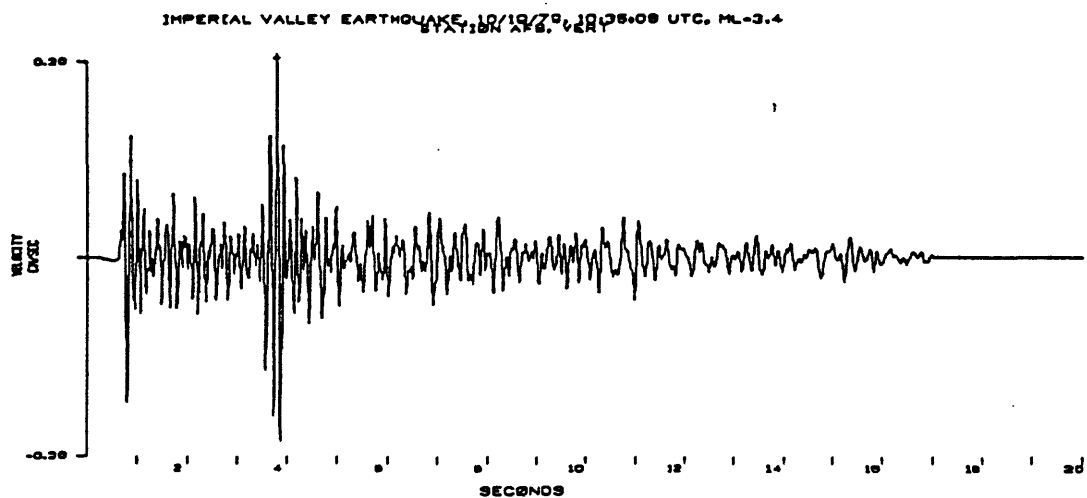


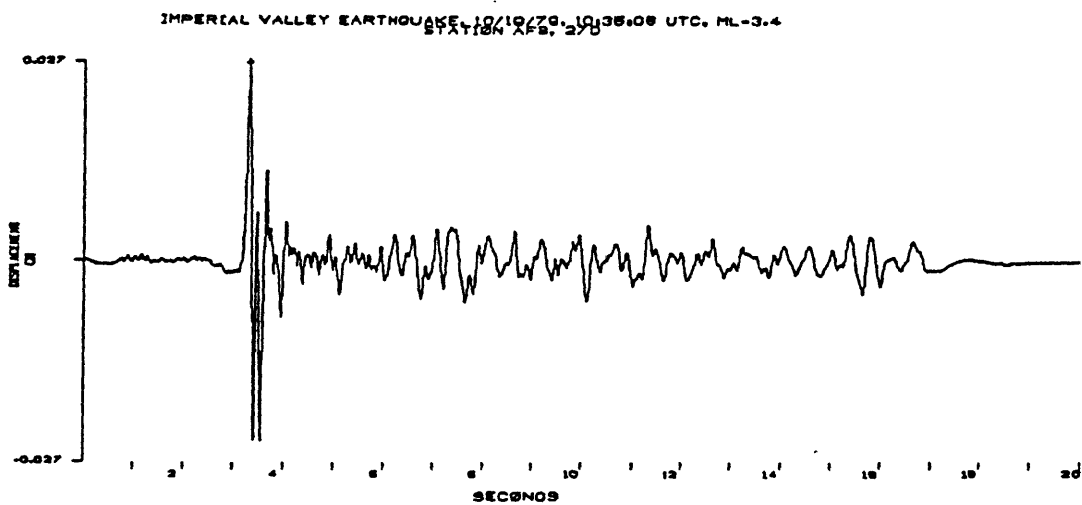
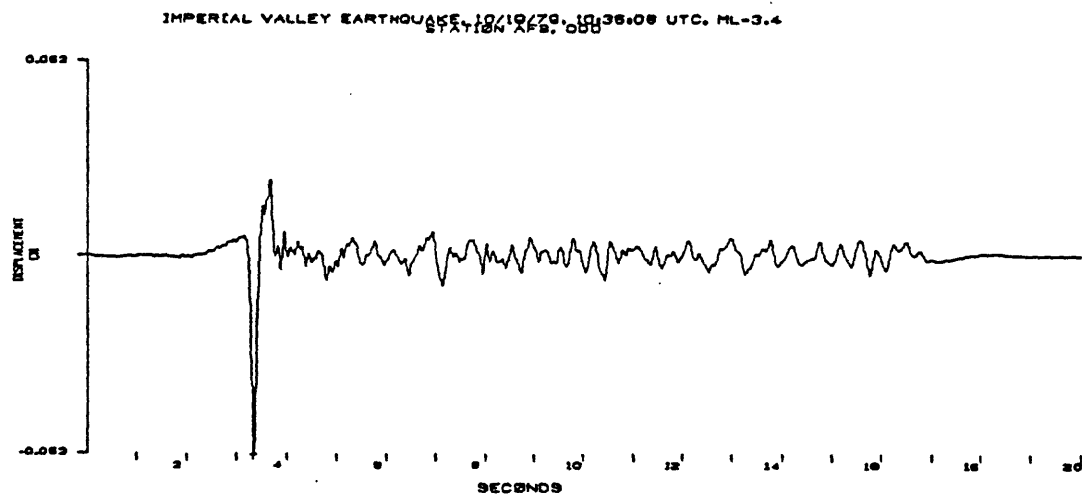
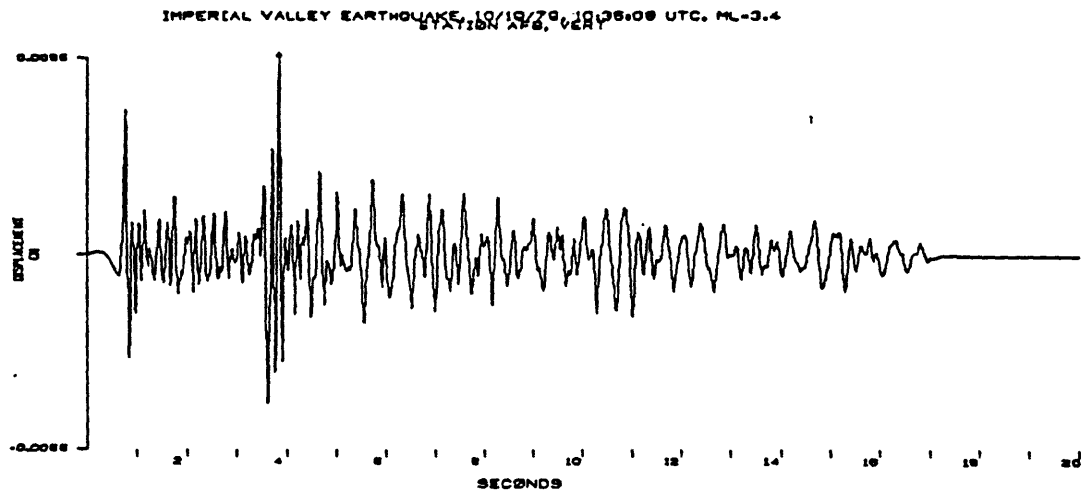
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 19:35:08 UTC, ML-3.4
STATION AFS, ODB



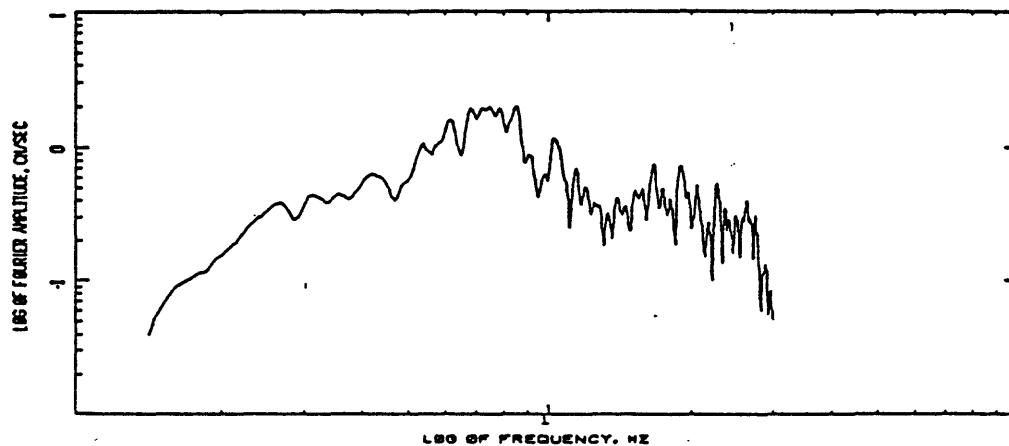
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STATION AFS, 270



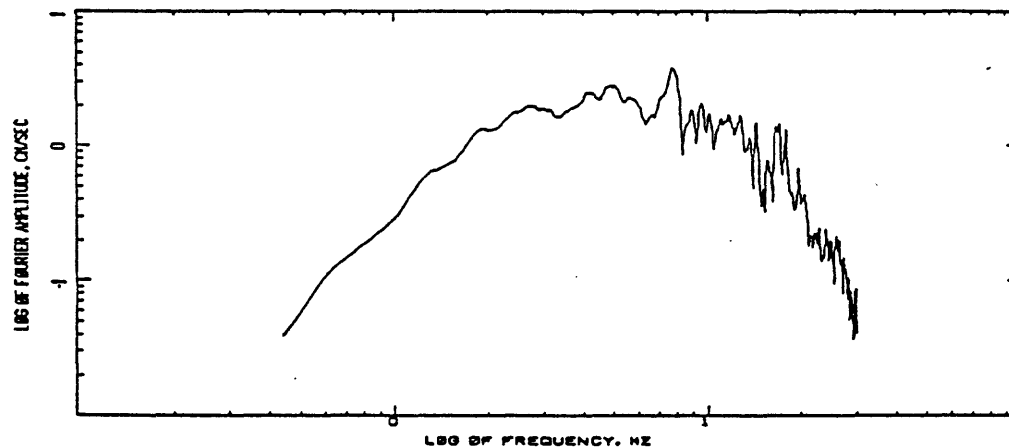




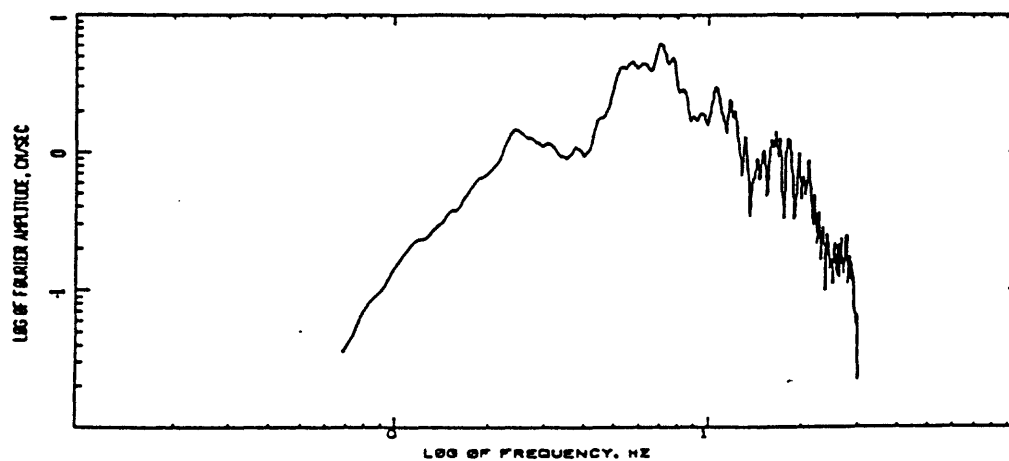
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710270, 10, 35, 5 UTC, MC-3.4
 STATION AFB, 270
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



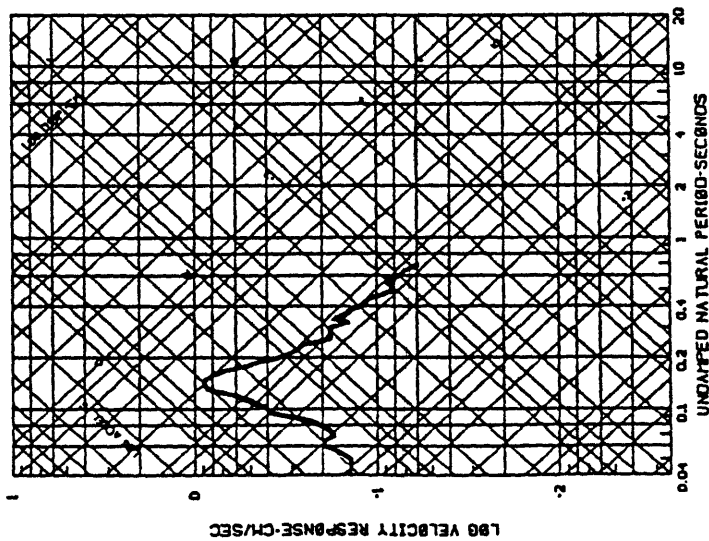
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710270, 10, 35, 5 UTC, MC-3.4
 STATION AFB, 270
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



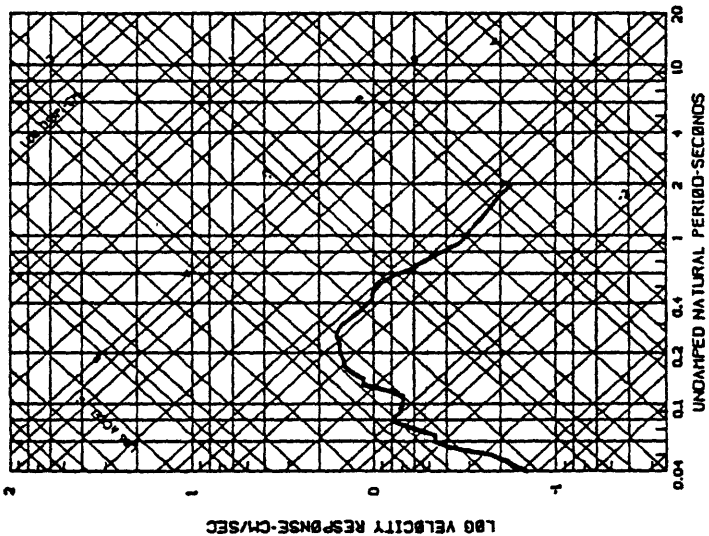
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710270, 10, 35, 5 UTC, MC-3.4
 STATION AFB, 270
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



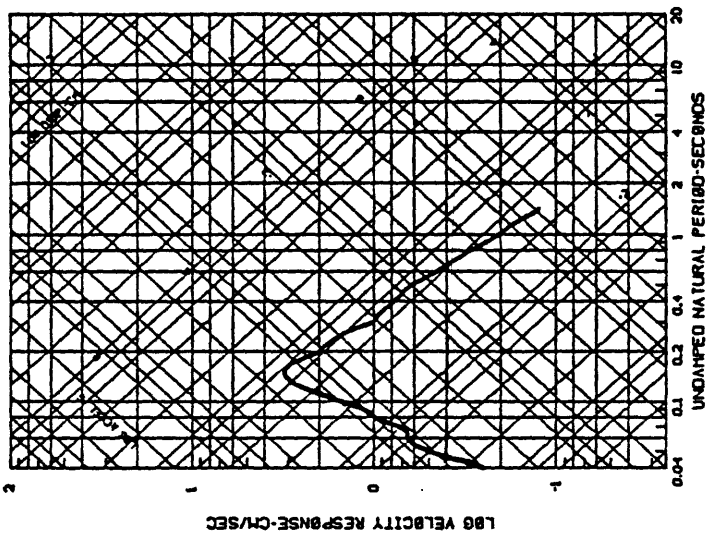
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
STATION AFB, VERT
5 PERCENT CRITICAL DAMPING



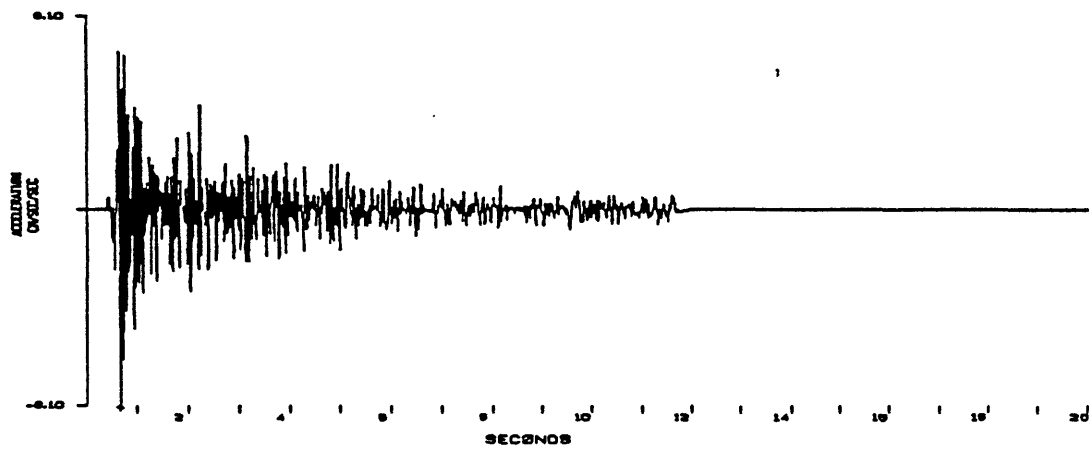
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
STATION AFB, 000
5 PERCENT CRITICAL DAMPING



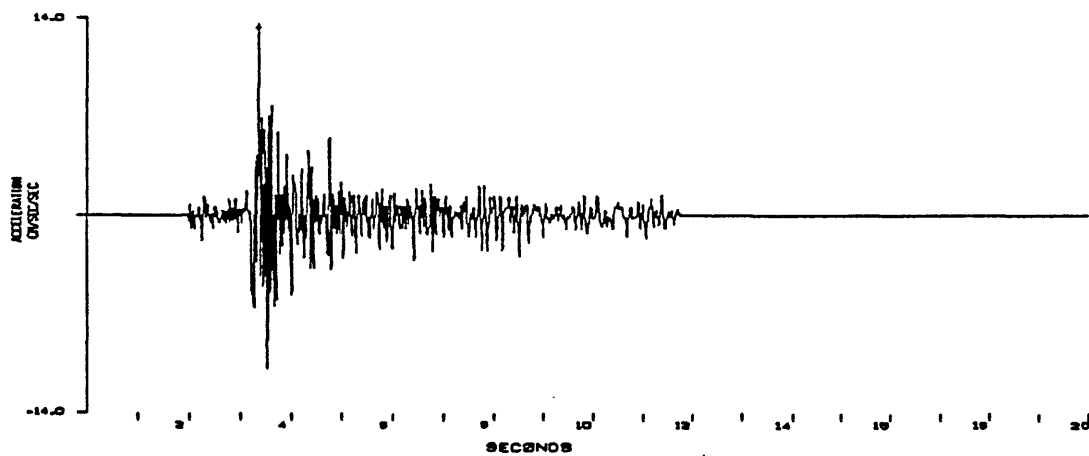
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
STATION AFB, 270
5 PERCENT CRITICAL DAMPING



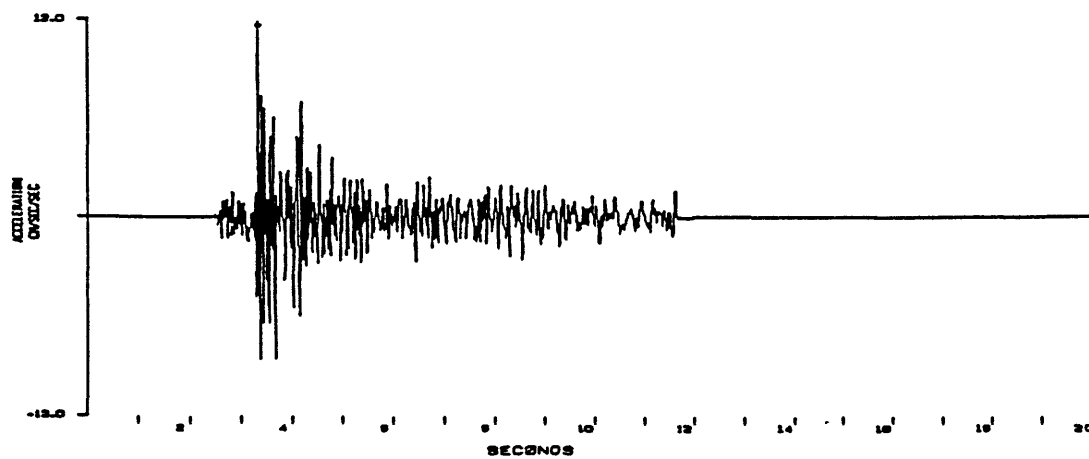
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:08 UTC, ML-3.4
STATION CPG, VERT



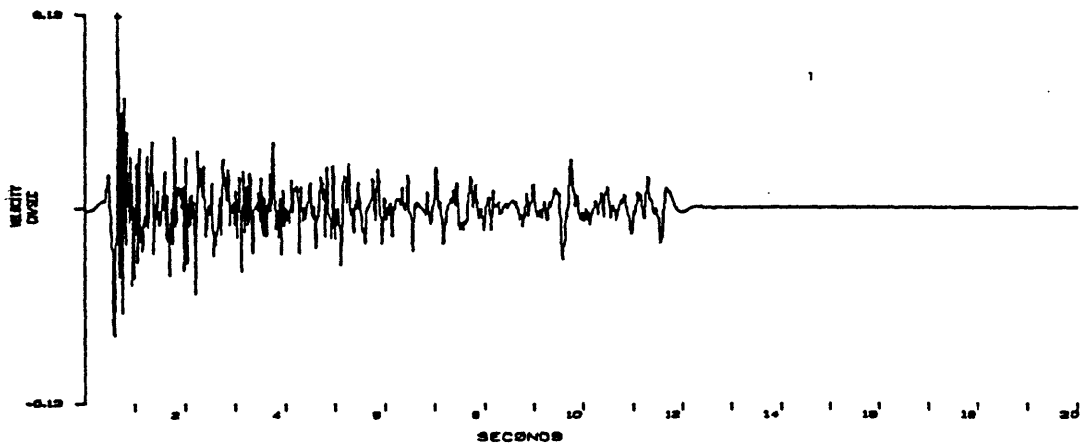
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:08 UTC, ML-3.4
STATION CPG, OOB



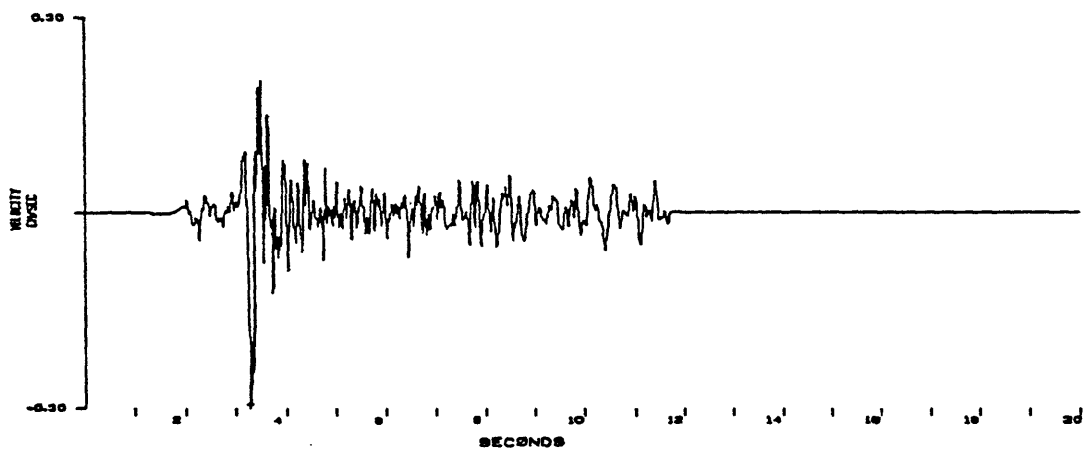
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:35:08 UTC, ML-3.4
STATION CPG, OOB



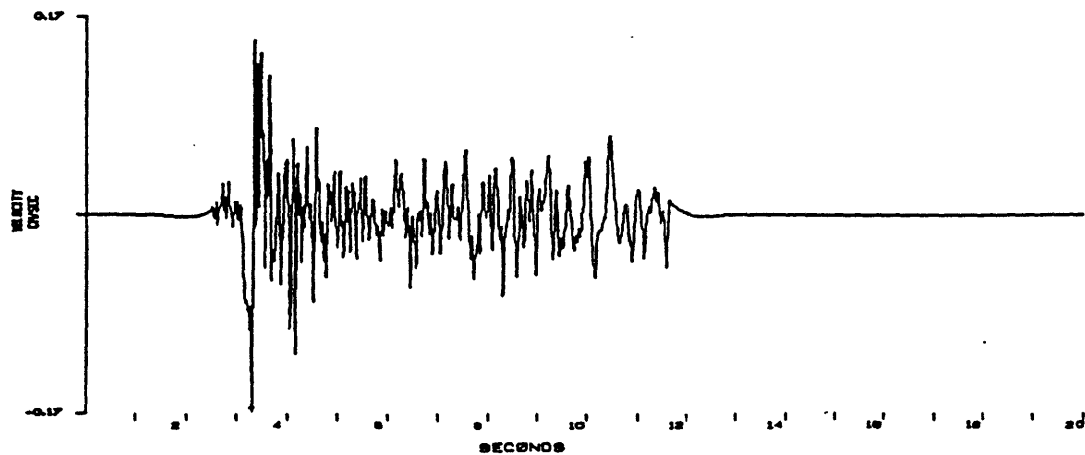
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION CFC, VER



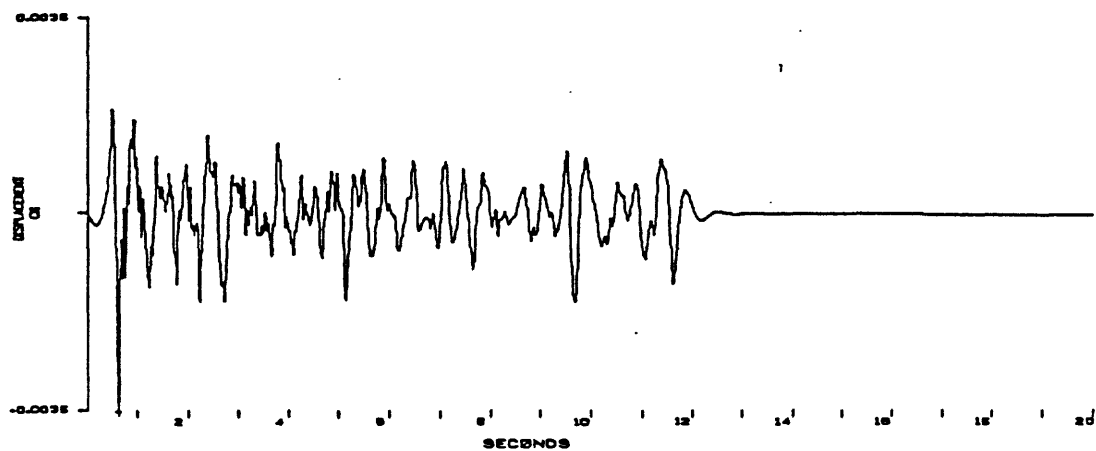
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION CFC, OBB



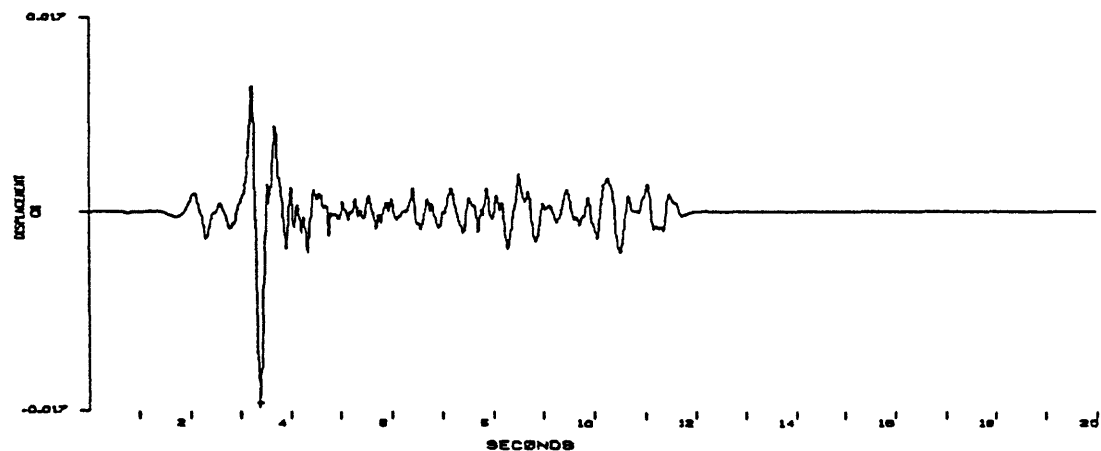
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION CFC, OBB



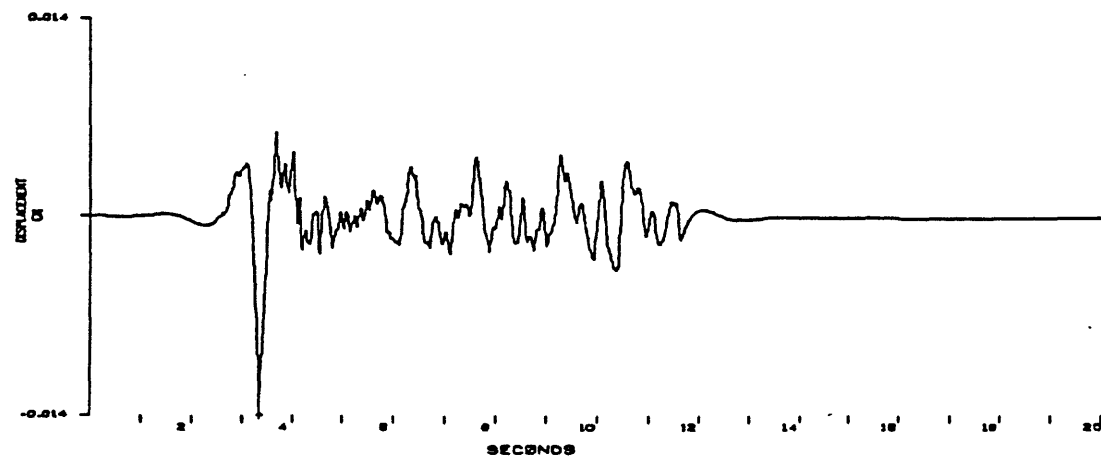
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION CPG, VERT



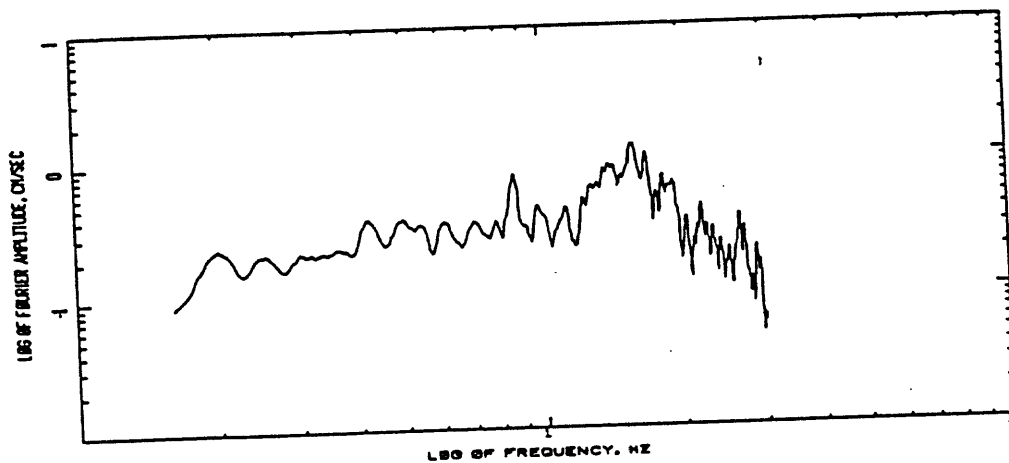
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION CPG, OBB



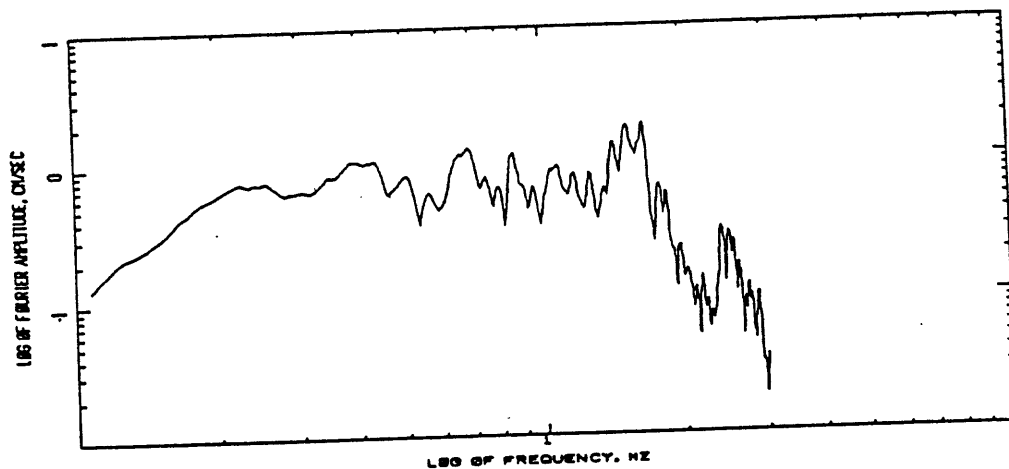
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION CPG, OBB



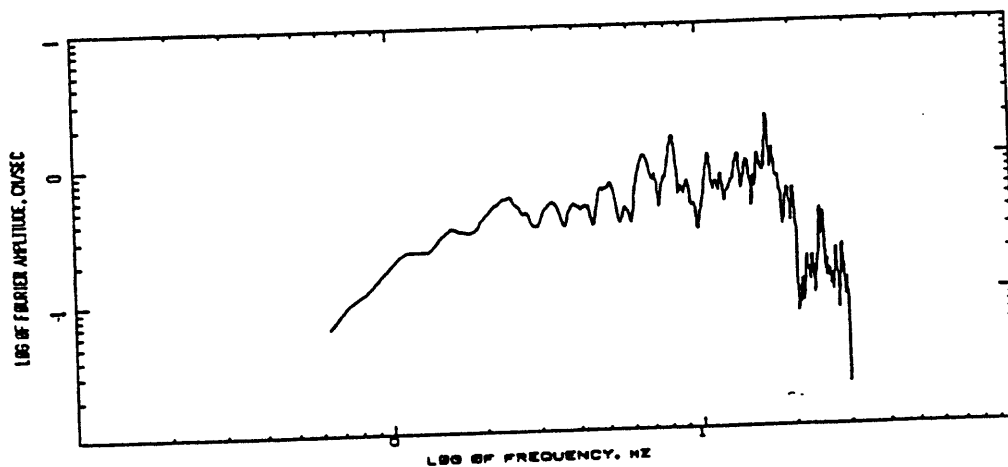
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 1071275, 10, 05, 05 DTC, MC-3.4
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONISE



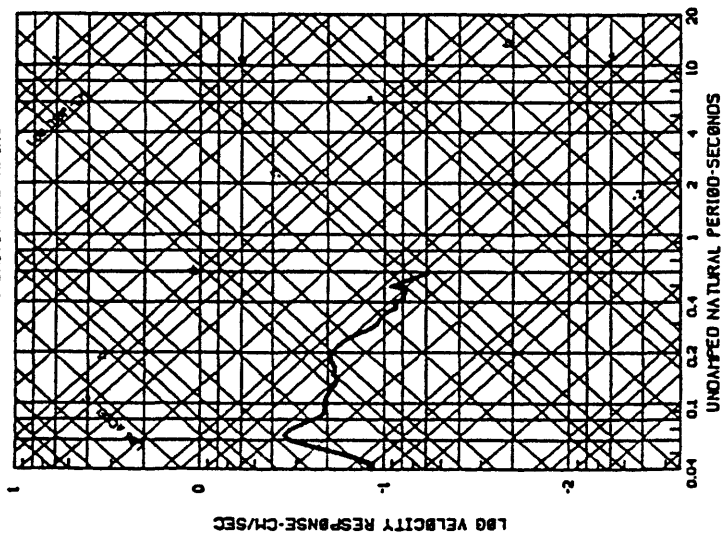
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 1071275, 10, 05, 05 DTC, MC-3.4
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONISE



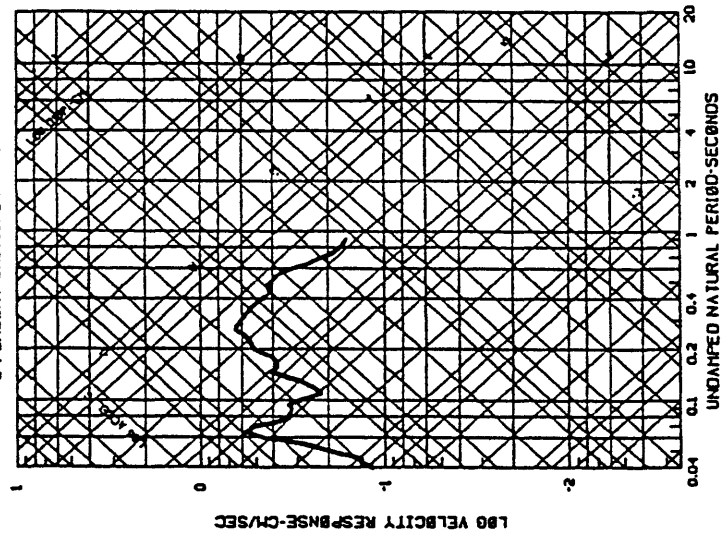
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE STATION 1071275, 10, 05, 05 DTC, MC-3.4
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONISE



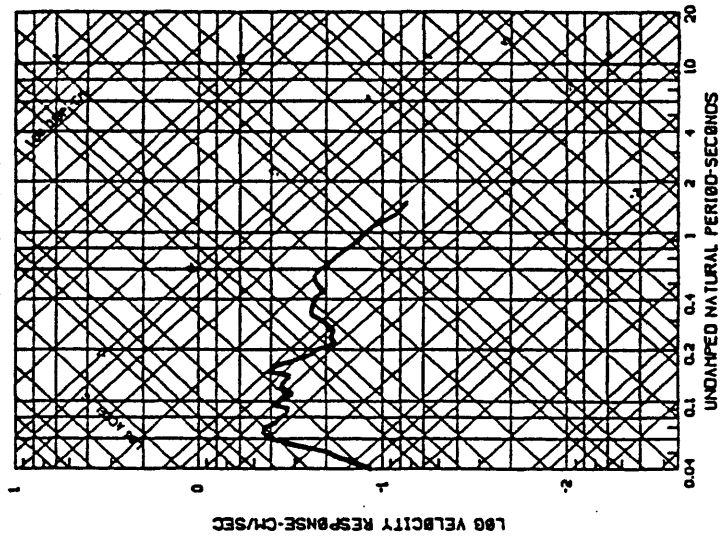
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



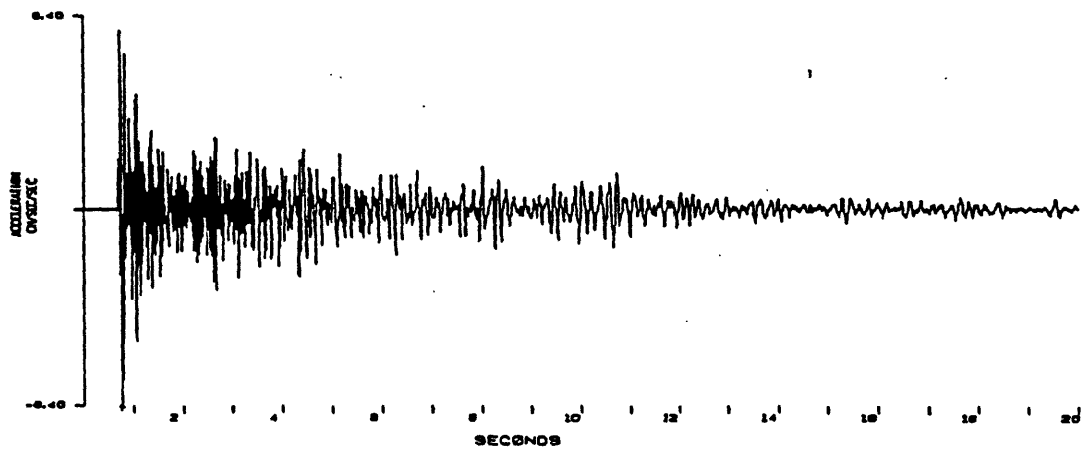
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



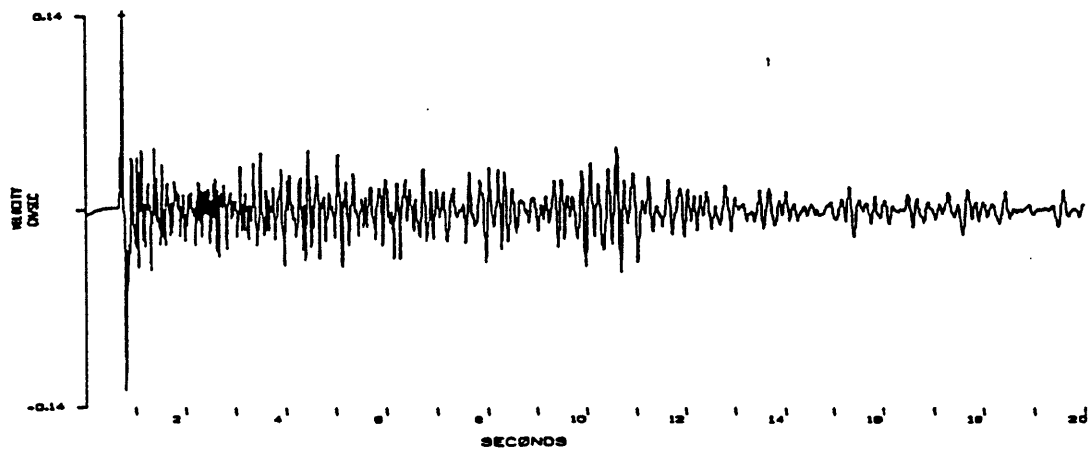
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION CEG, 000
 5 PERCENT CRITICAL DAMPING



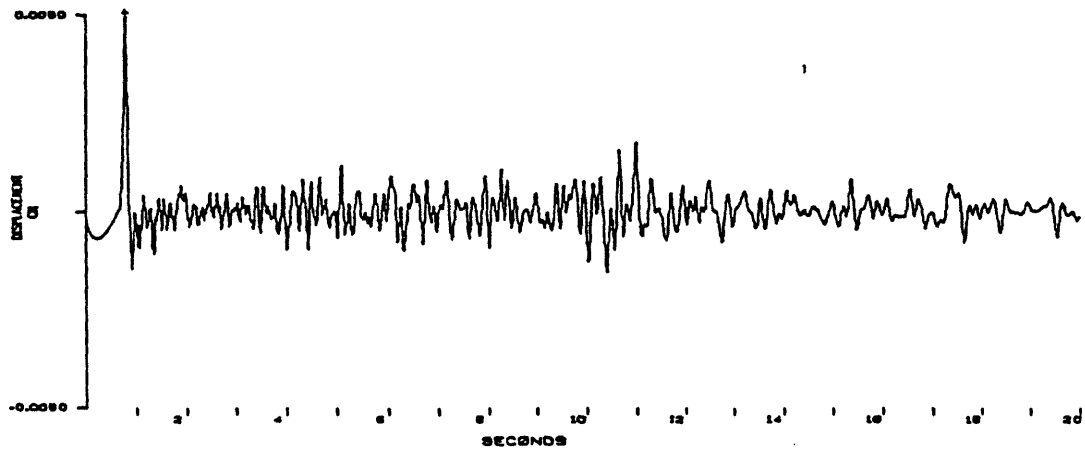
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:25:08 UTC, ML=3.4
STATION CHK. VERY



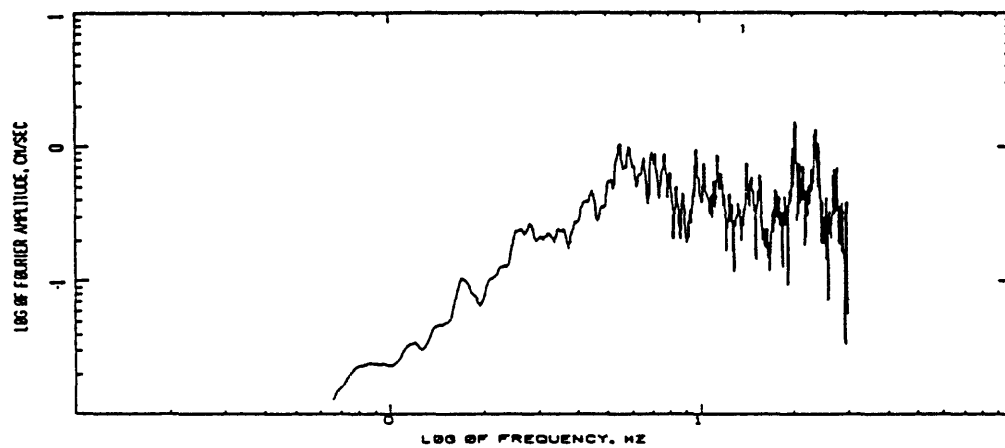
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:36:00 UTC. ML-3.4
STATION CHN. 4287



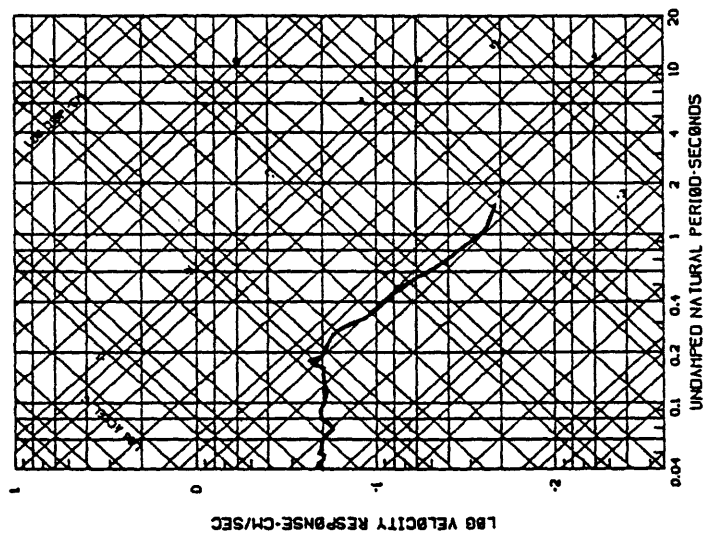
IMPERIAL VALLEY EARTHQUAKE, 10/18/70, 10:08:08 UTC, ML-3.4
STATION CHN, VERT



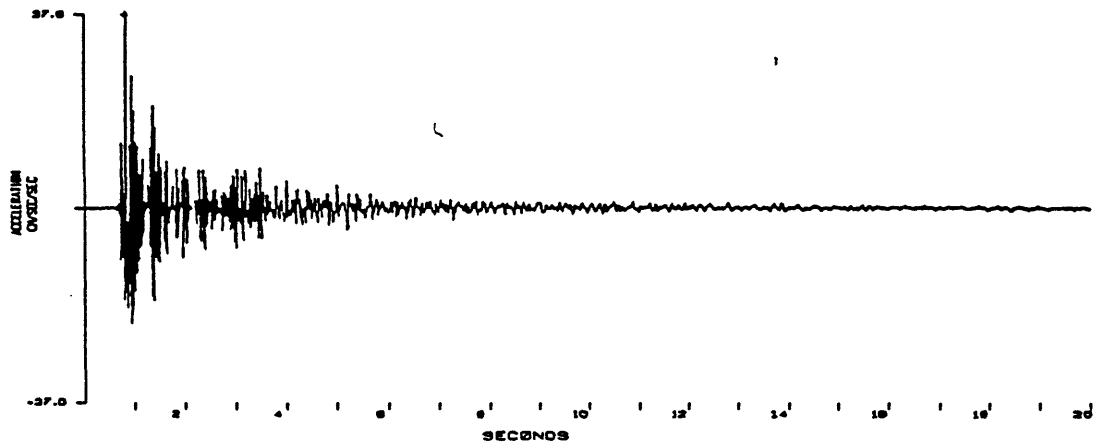
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 10/18/78, 10:05:05 DTC, RL-3.4
STATION: PK 0.68
COMPUTING OPTIONS- 2 CROSS, 5000 HZ, 10, NONNOISE



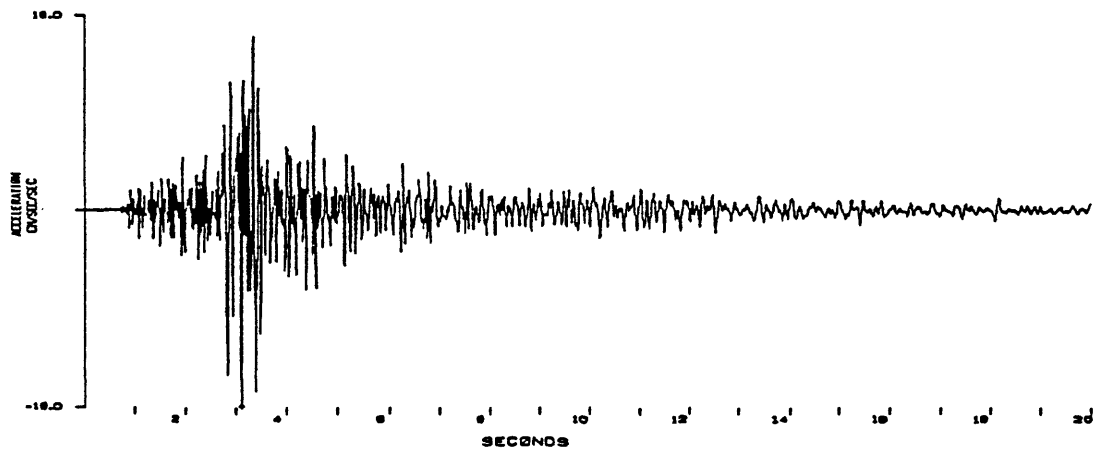
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/19/79, 10:35:08 UTC, NL-3.4
 STATION CRK VERT
 5 PERCENT CRITICAL DAMPING



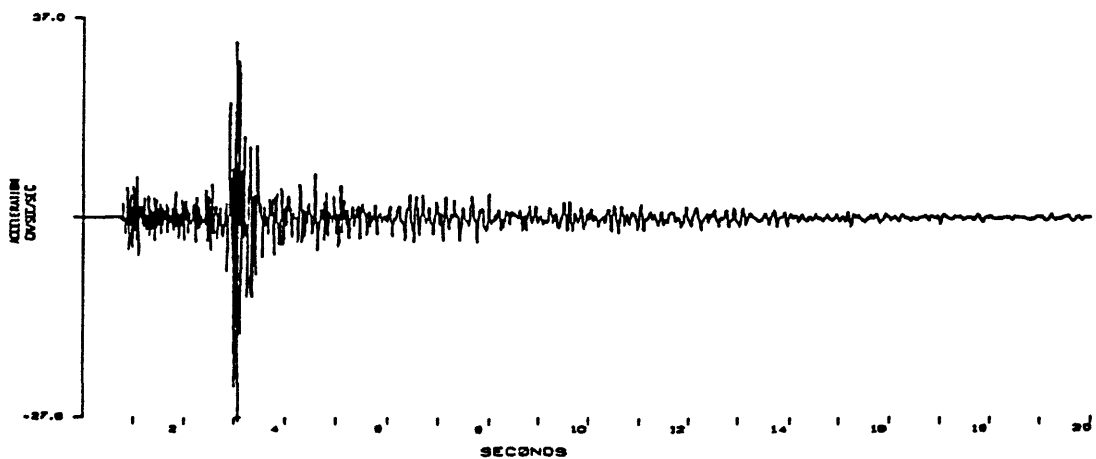
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FBR, VER



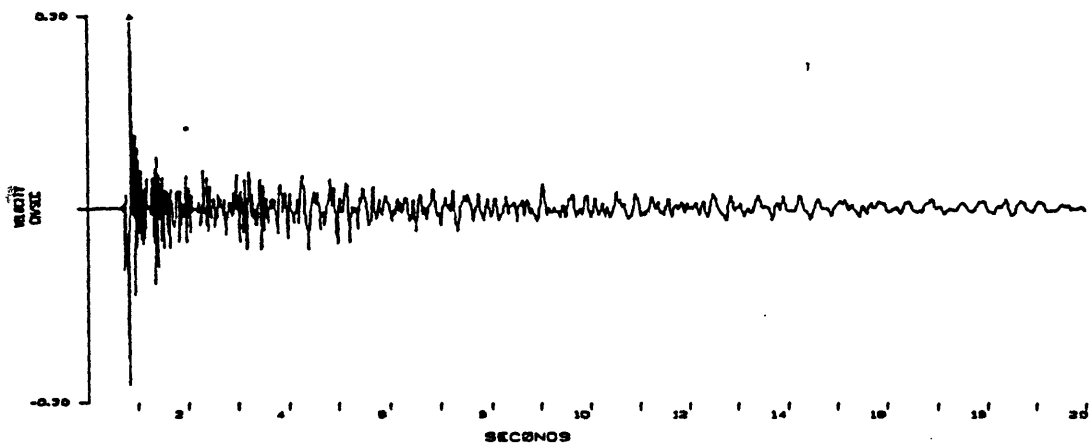
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FBR, OBB



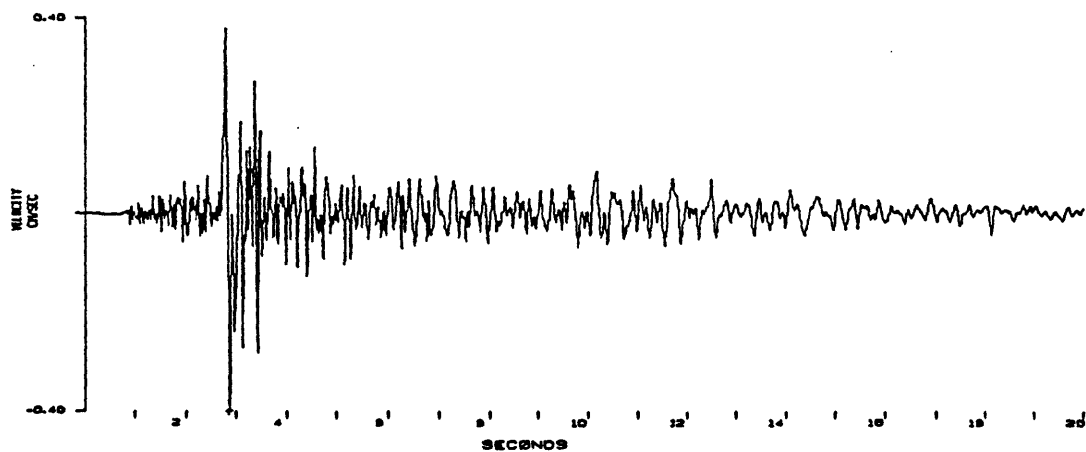
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FBR, 270



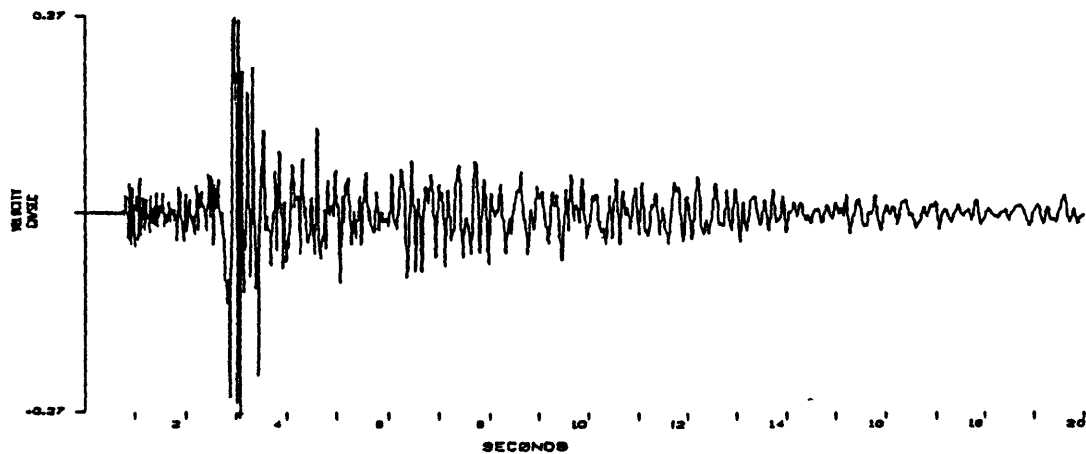
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION FBR, 6284



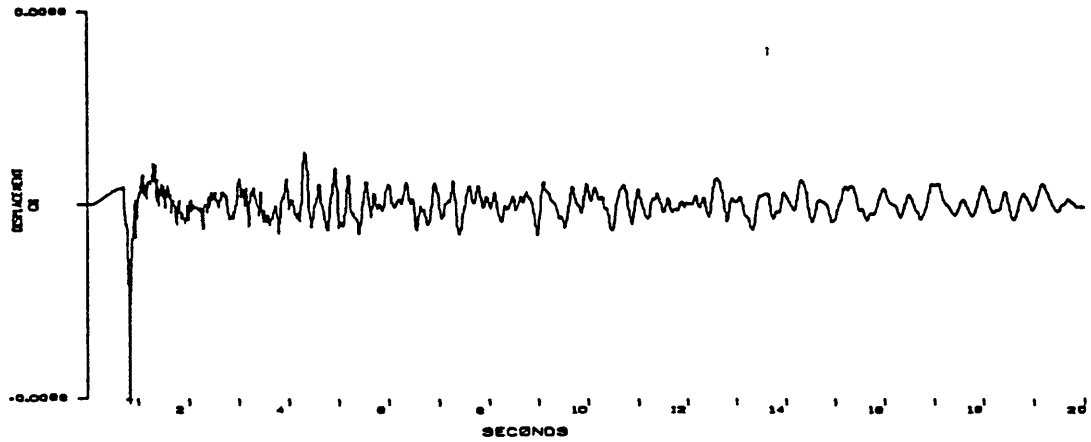
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION FBR, 000



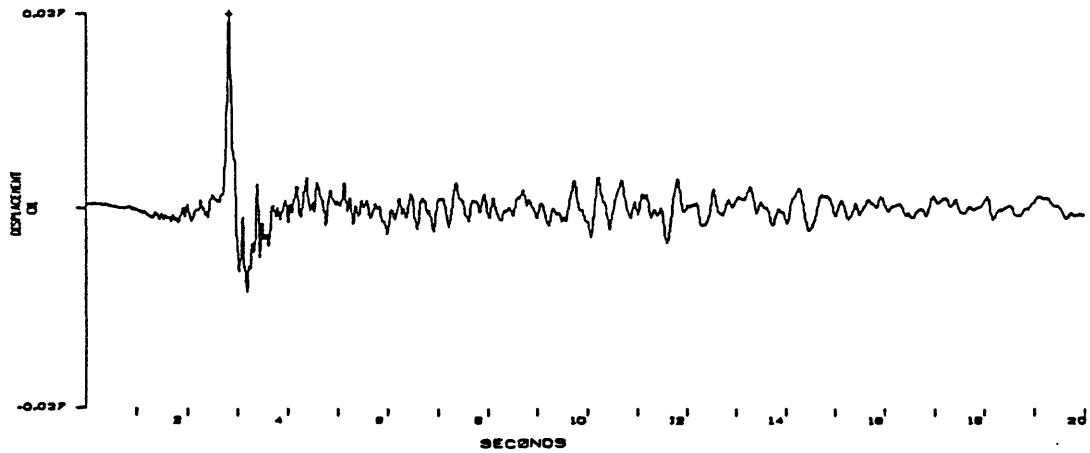
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:00 UTC, ML-3.4
STATION FBR, 270



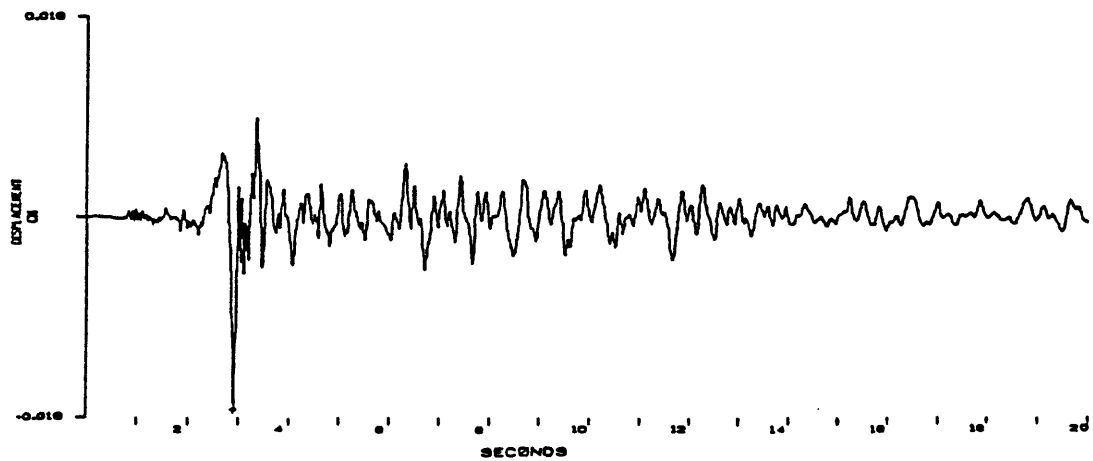
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FOR 621



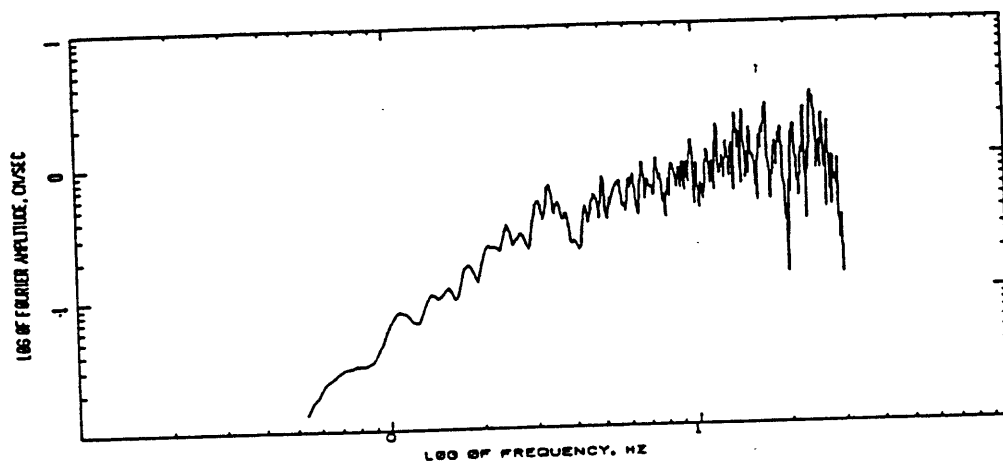
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FOR 000



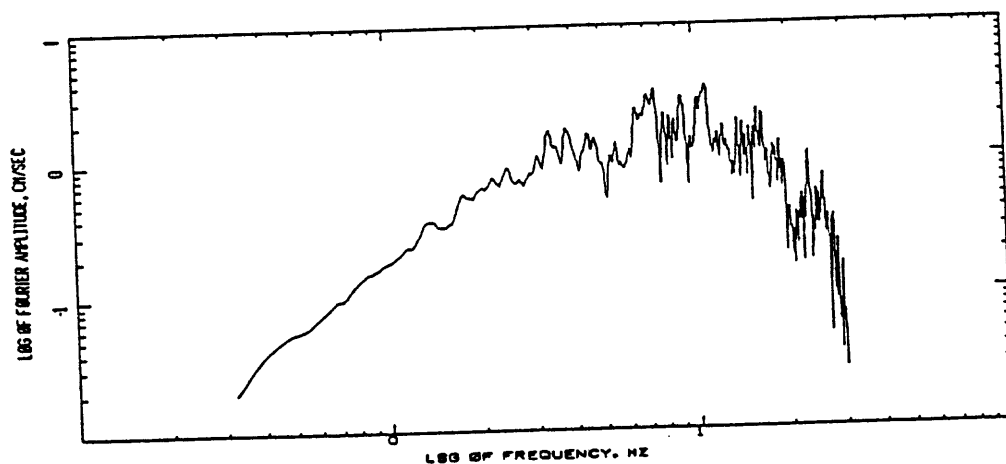
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION FOR 270



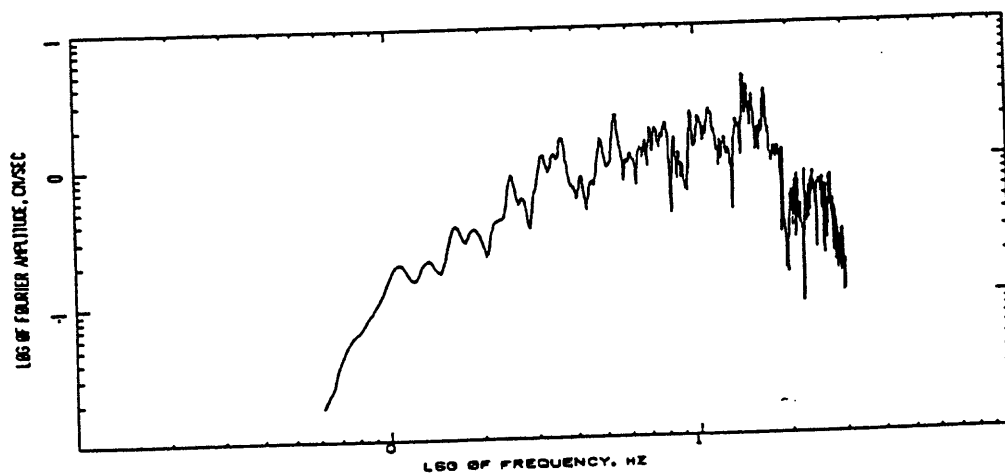
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 01:35:09 UTC, ML=3.4
 STATION: BR-0103509
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



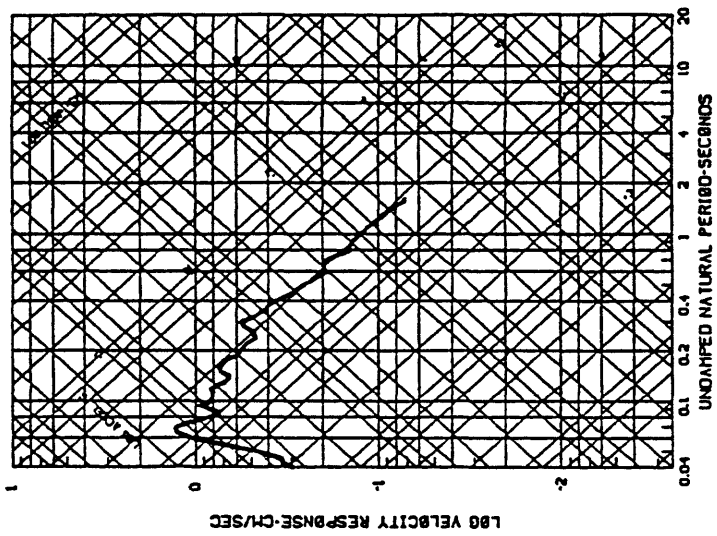
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 01:35:09 UTC, ML=3.4
 STATION: BR-0103509
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



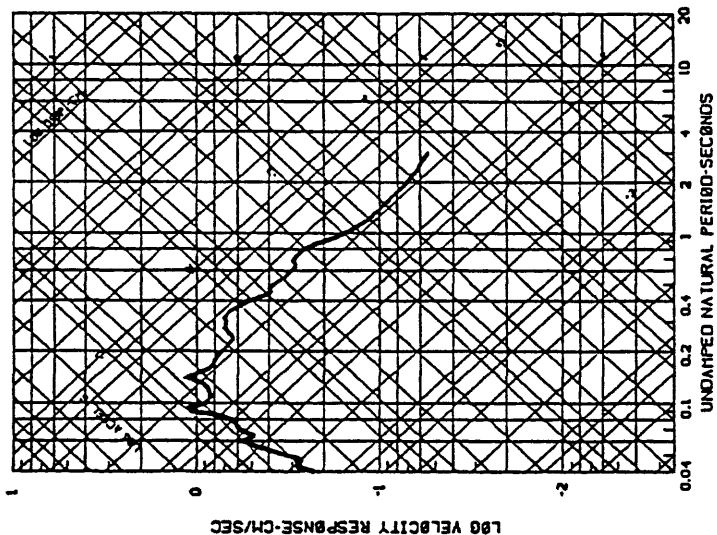
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/18/76, 01:35:09 UTC, ML=3.4
 STATION: BR-0103509
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONISE



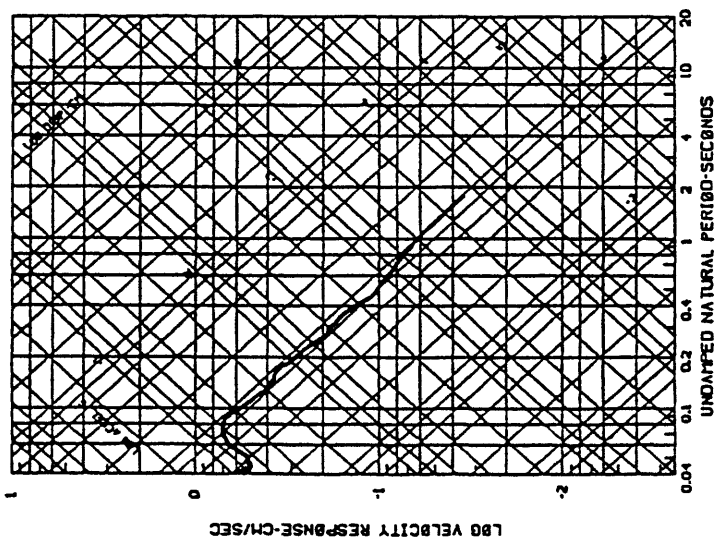
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFR 270
 5 PERCENT CRITICAL DAMPING



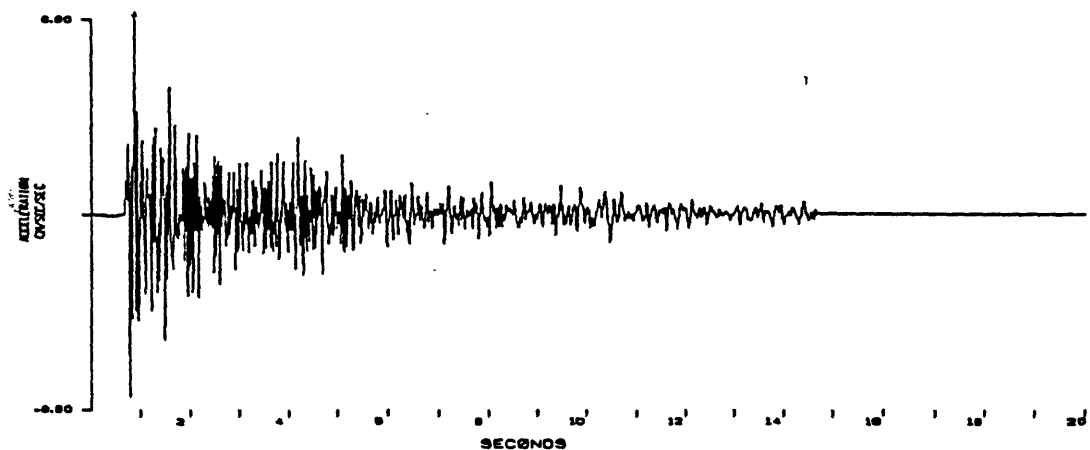
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFR 000
 5 PERCENT CRITICAL DAMPING



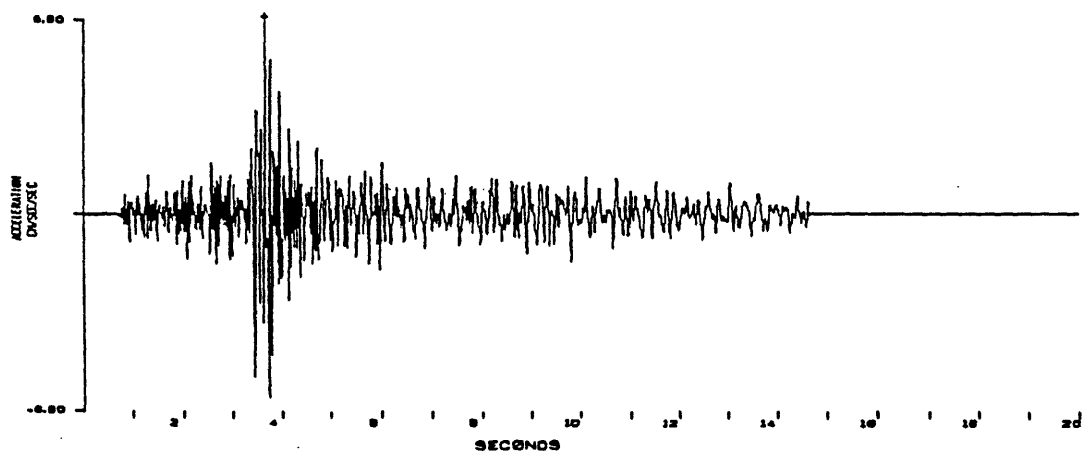
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
 STATION FFR 000
 5 PERCENT CRITICAL DAMPING



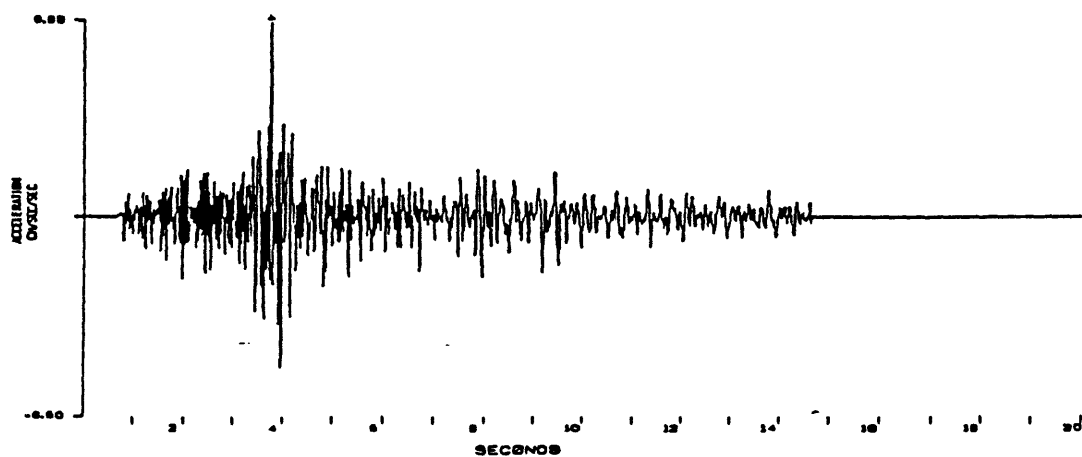
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION GRS, VER1



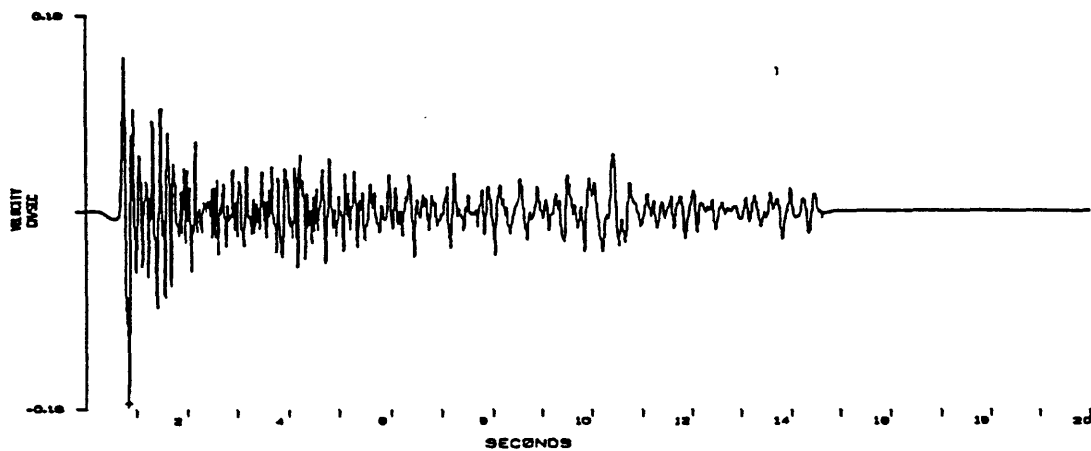
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION GRS, ODU



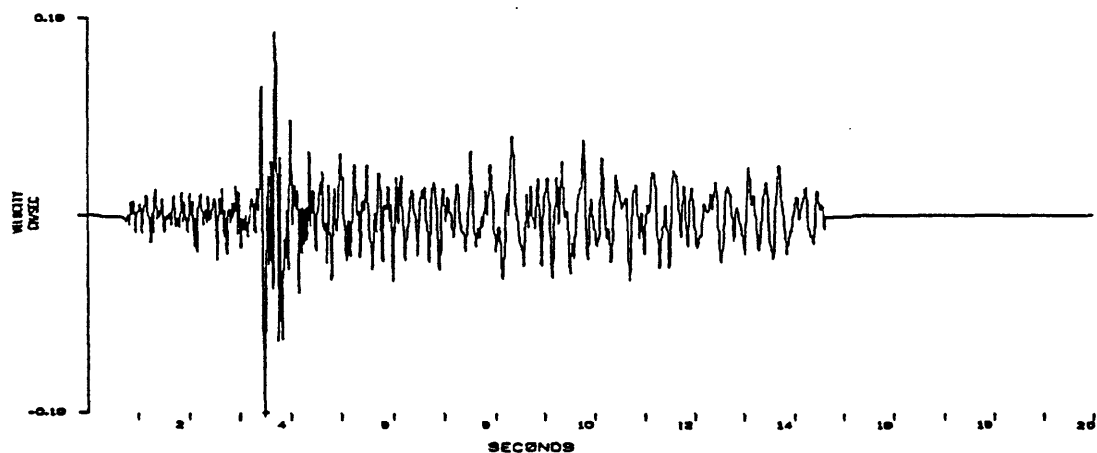
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION GRS, 270



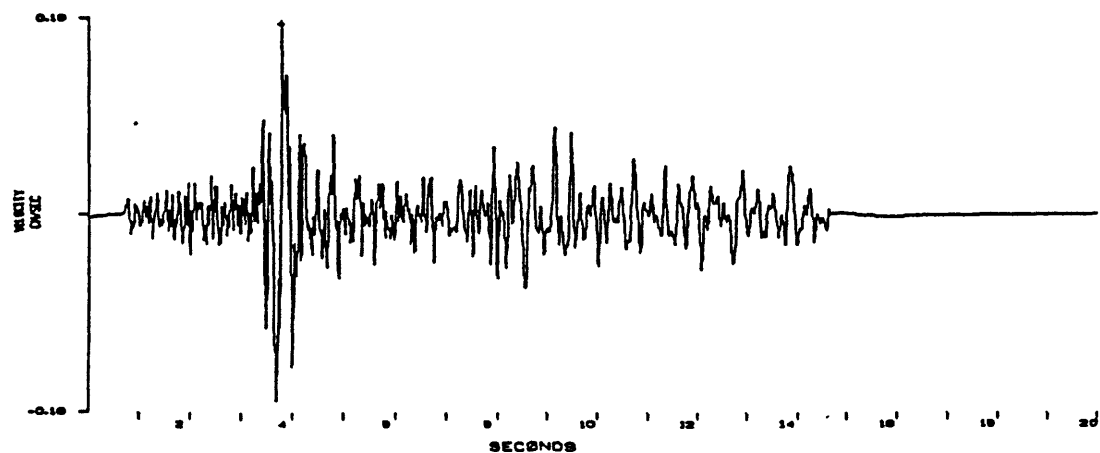
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 0221



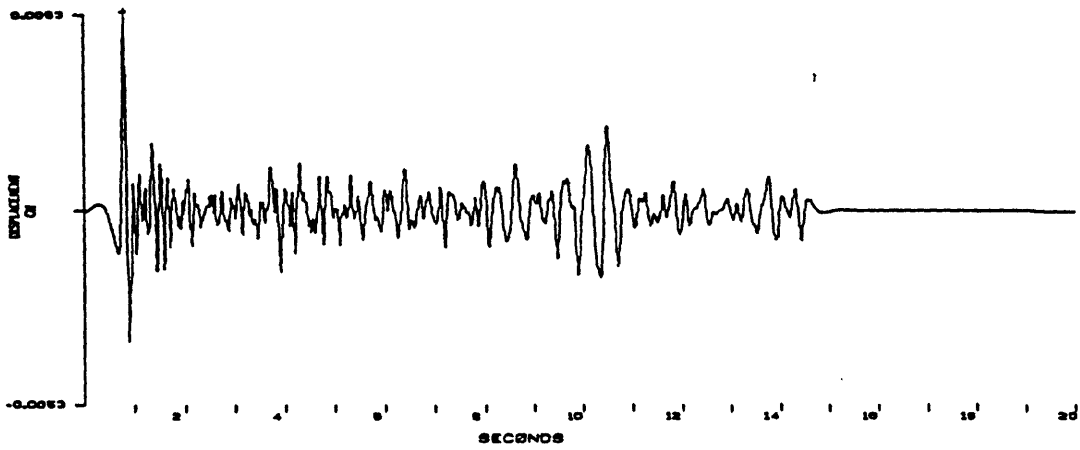
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 0222



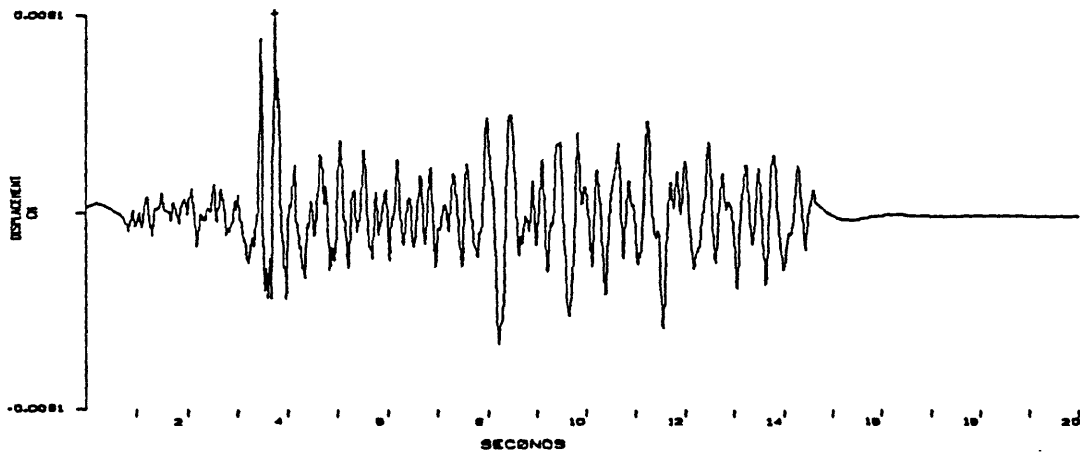
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:09 UTC, ML-3.4
STATION 042, 0223



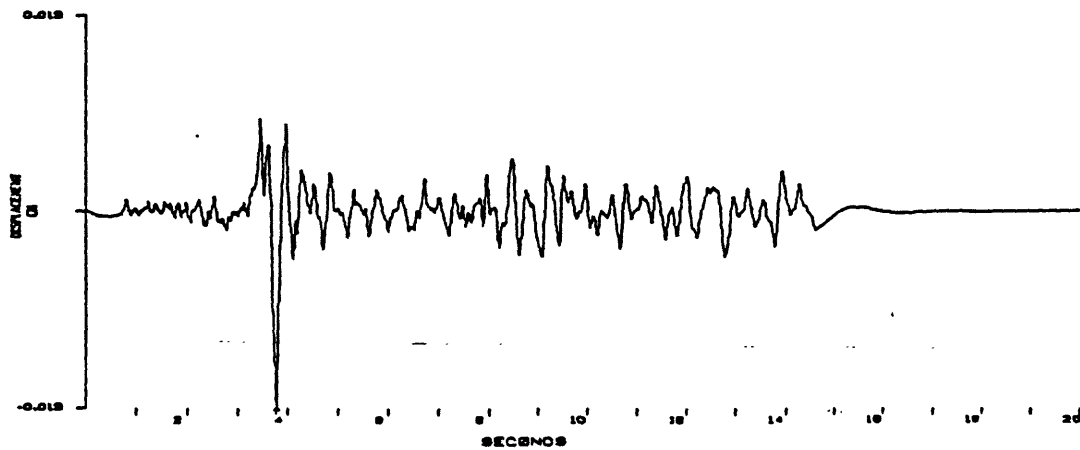
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GRS, 6281



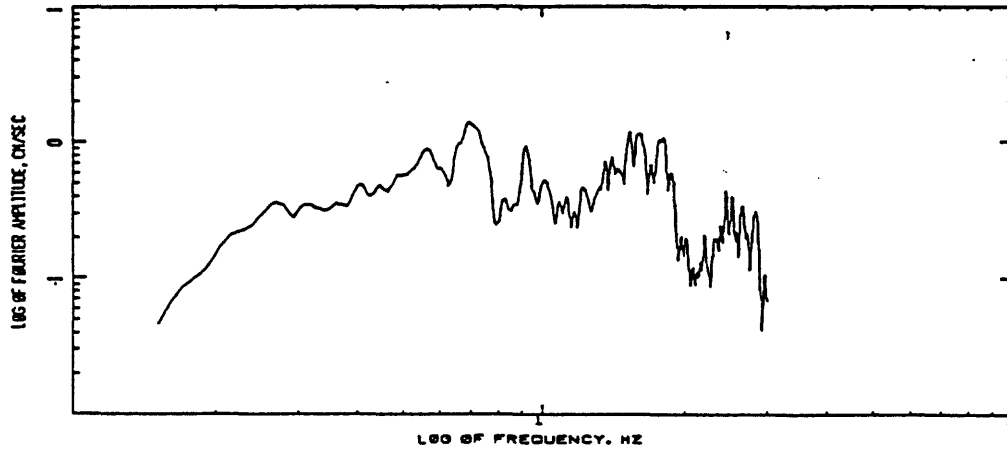
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GRS, 6000



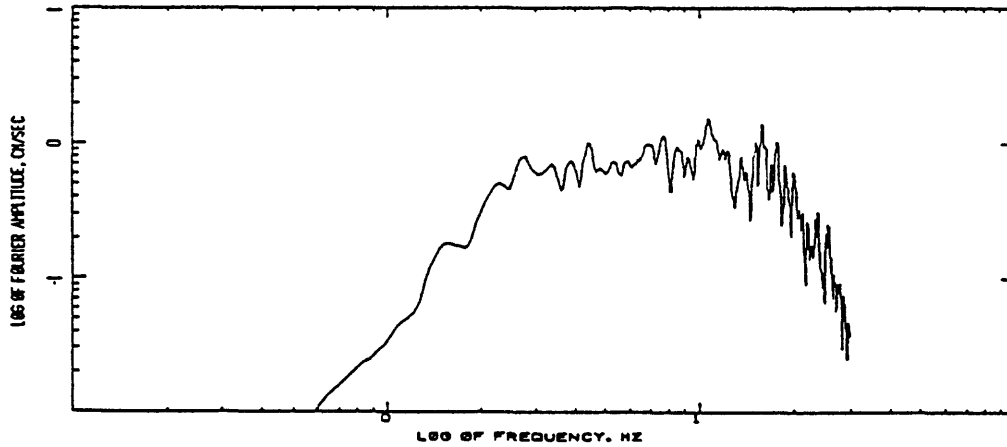
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION GRS, 370



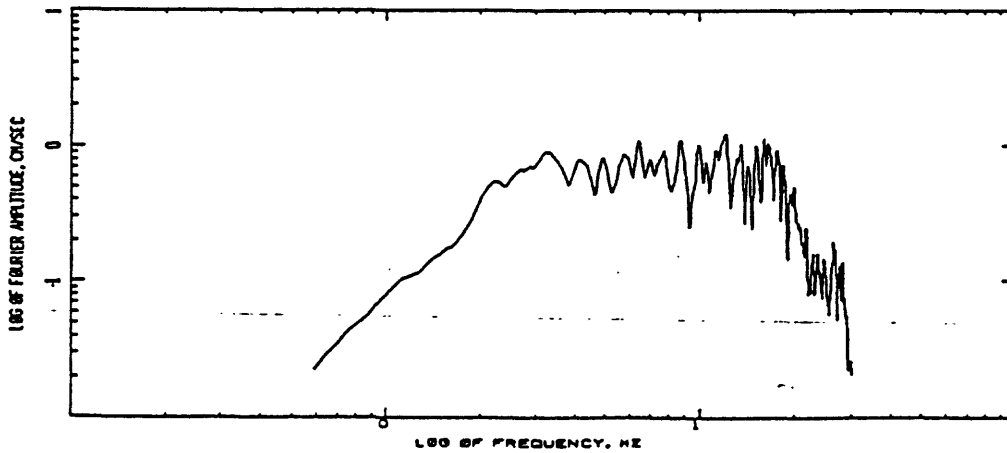
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710225, 10, 35.05 DTG. HL-3.4
 STATION 649.100
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



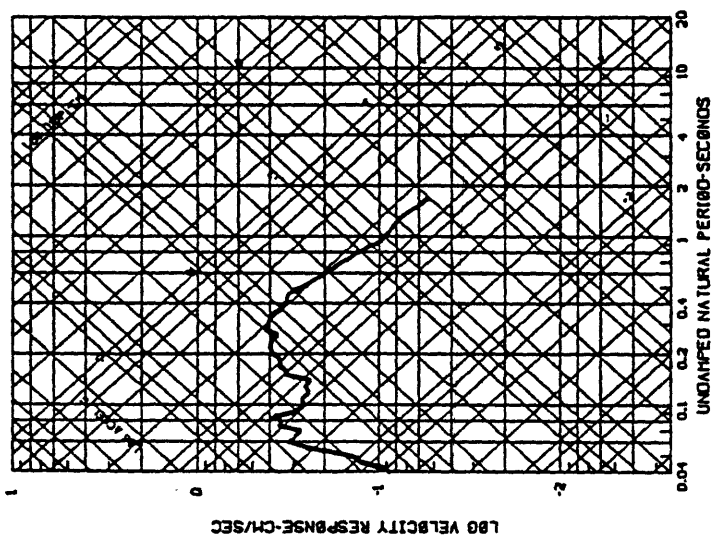
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710225, 10, 35.05 DTG. HL-3.4
 STATION 649.100
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



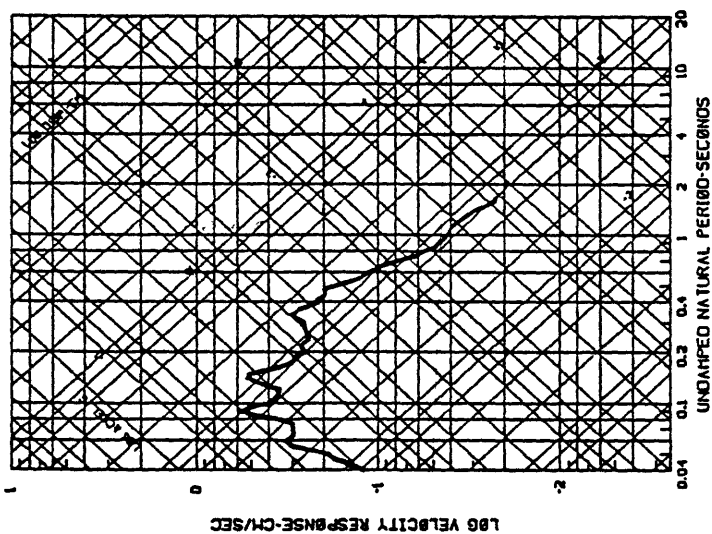
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10710225, 10, 35.05 DTG. HL-3.4
 STATION 649.100
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



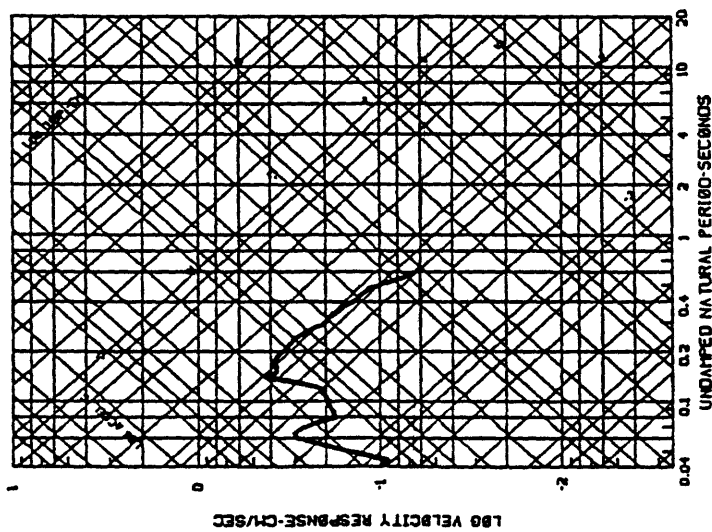
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10-3508 UIC, NL-3.4
 STATION 005
 5 PERCENT CRITICAL DAMPING



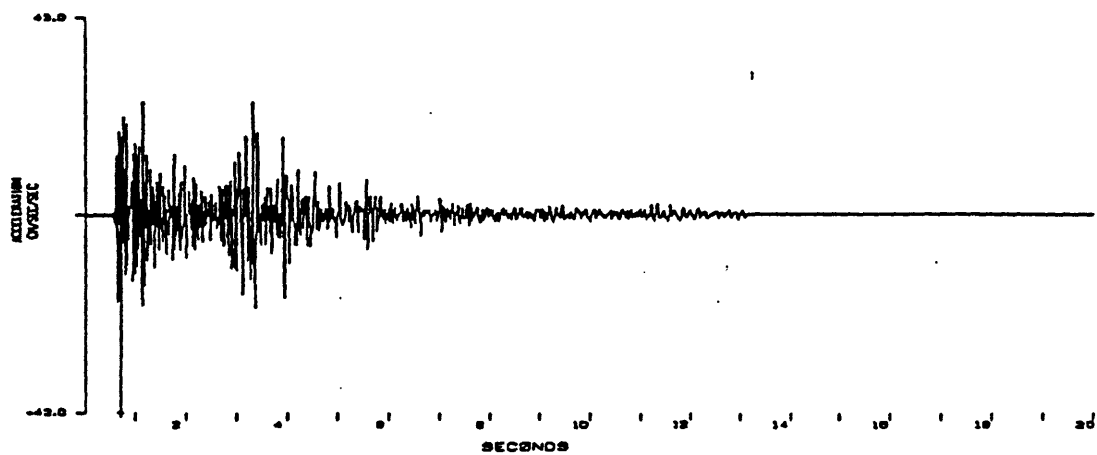
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10-3508 UIC, NL-3.4
 STATION 006
 5 PERCENT CRITICAL DAMPING



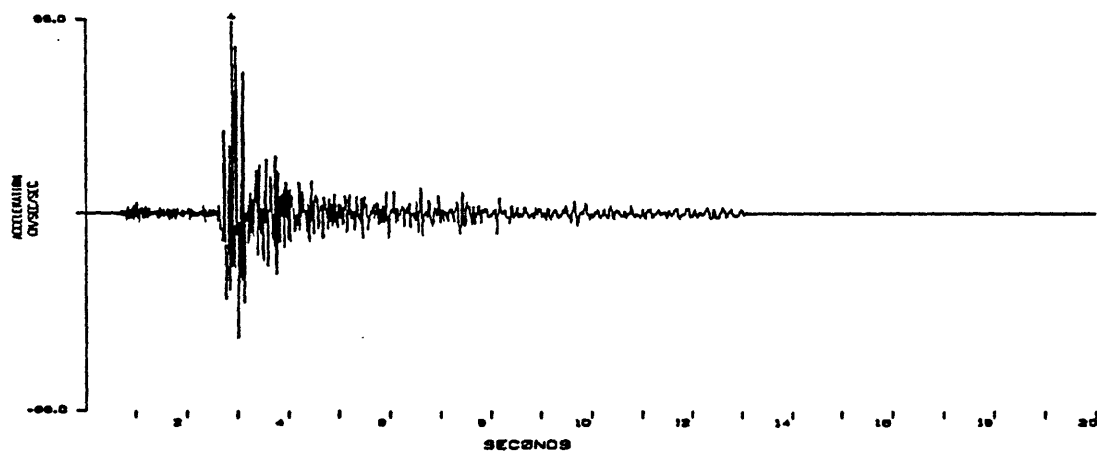
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10-3508 UIC, NL-3.4
 STATION 007
 5 PERCENT CRITICAL DAMPING



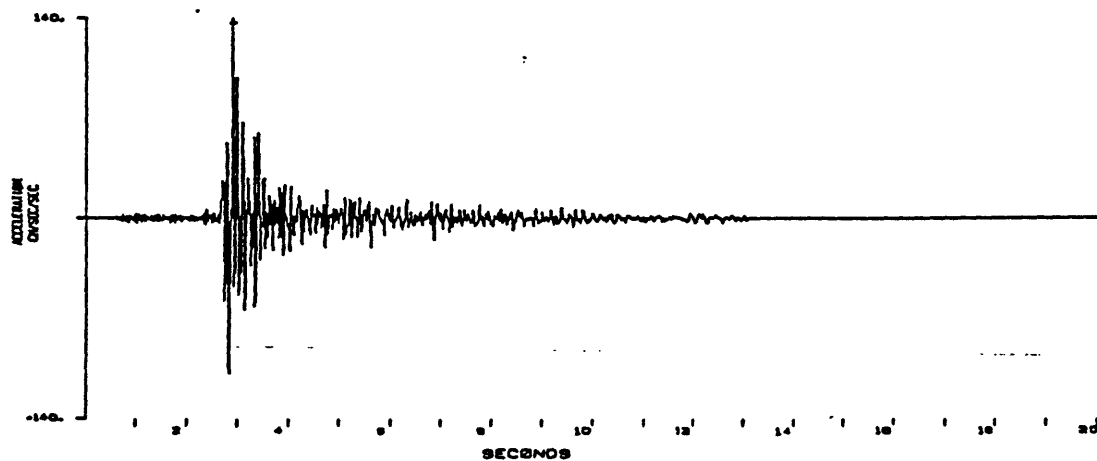
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1935.8 UTC, ML-3.4
STATION RVR, VERT



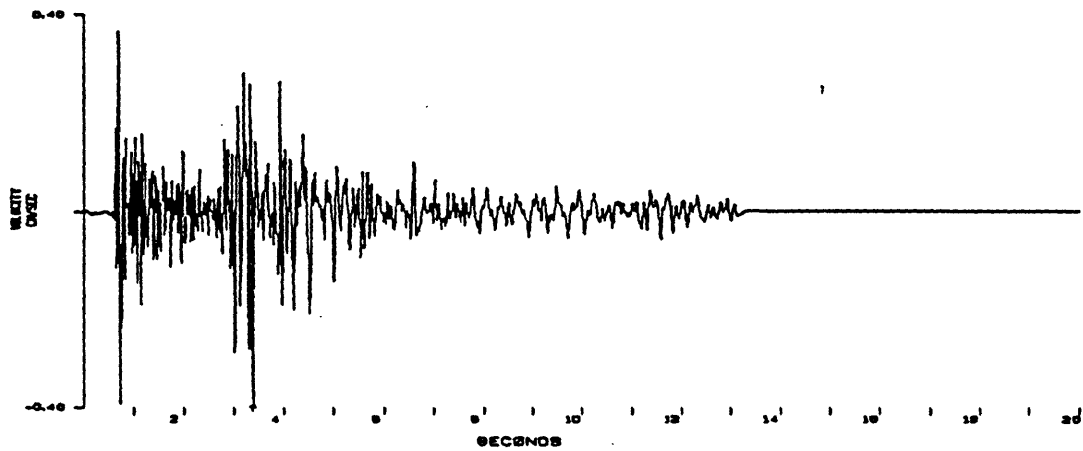
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1935.8 UTC, ML-3.4
STATION RVR, 270



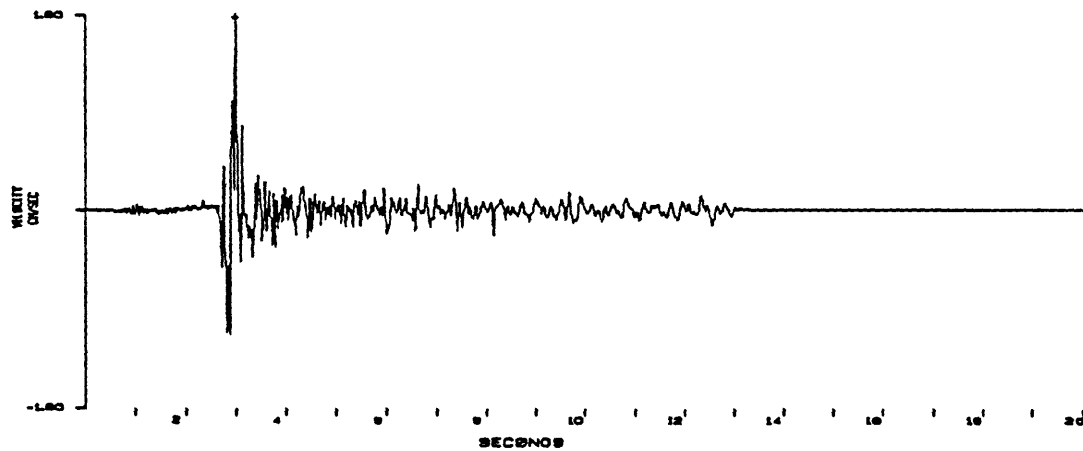
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 1935.8 UTC, ML-3.4
STATION RVR, 000



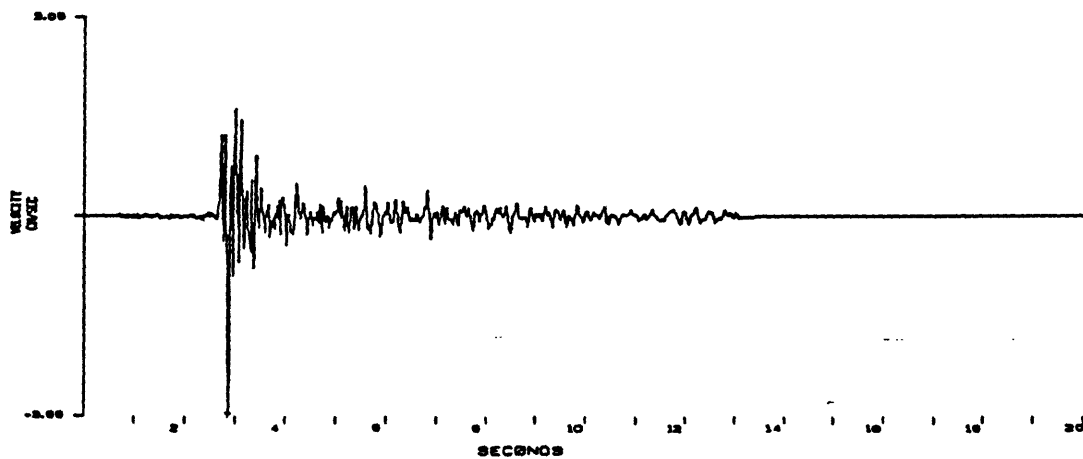
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, VERT



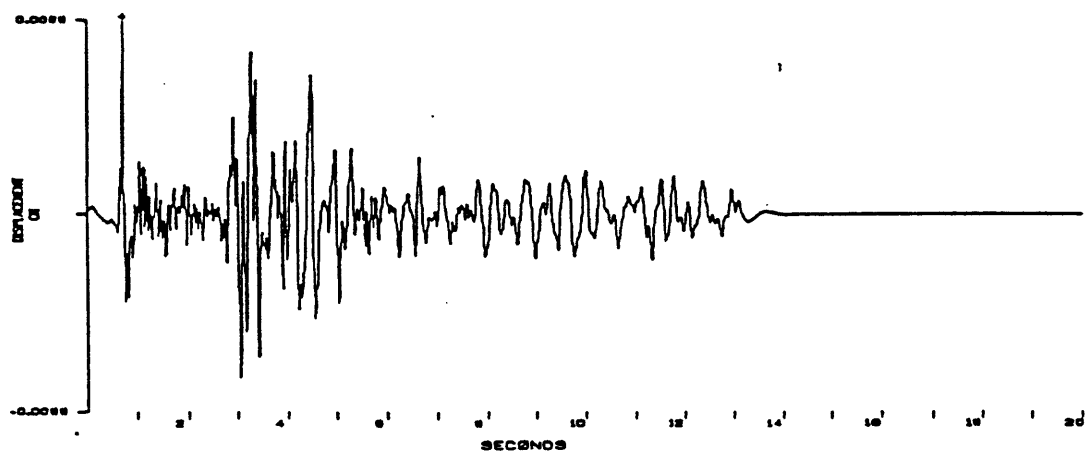
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 270



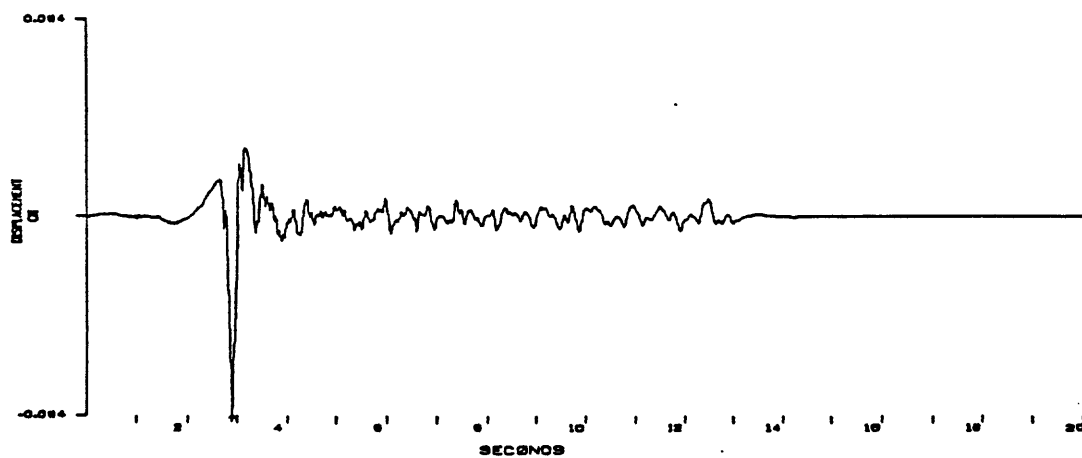
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 000



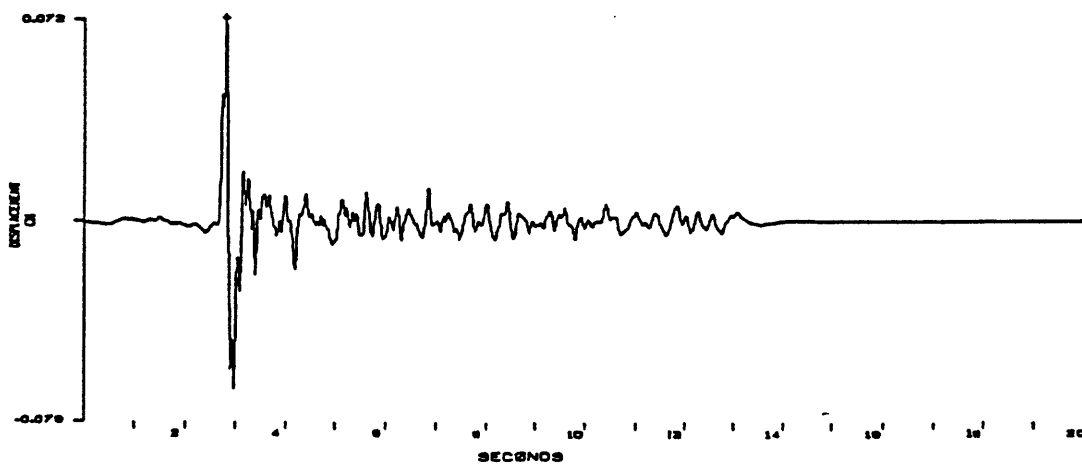
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, VERT



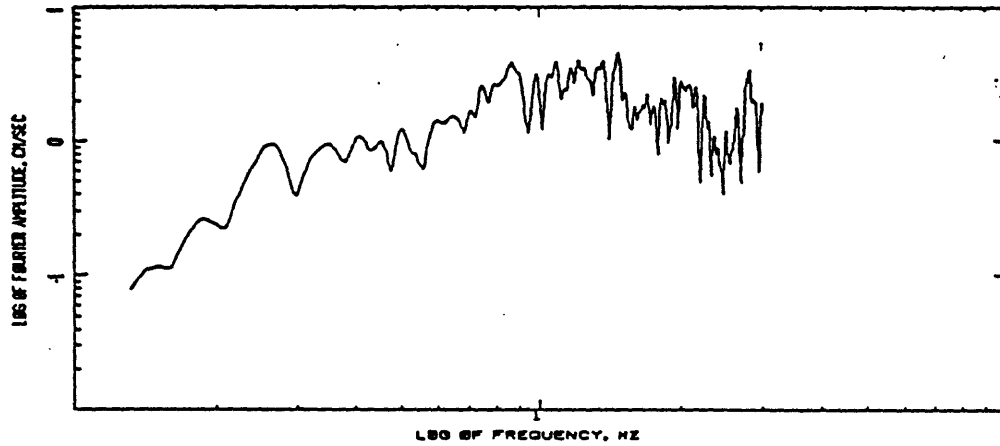
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 278



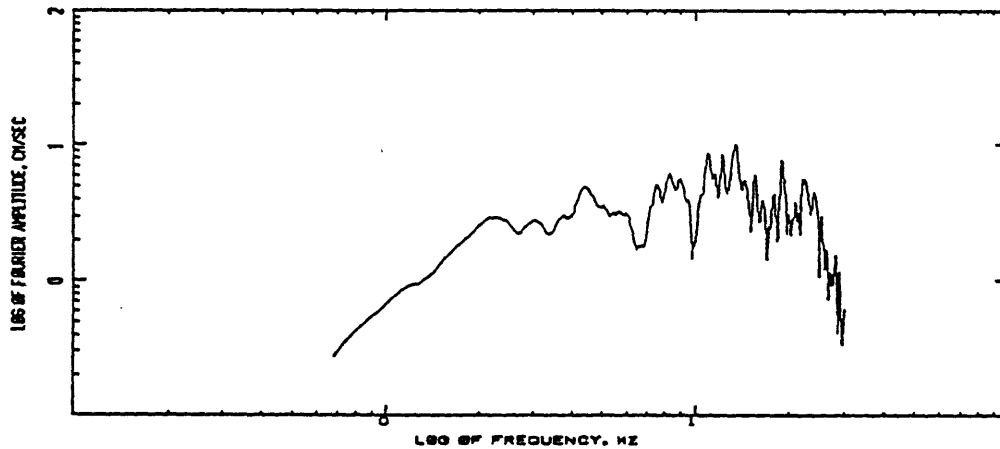
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION KVR, 000



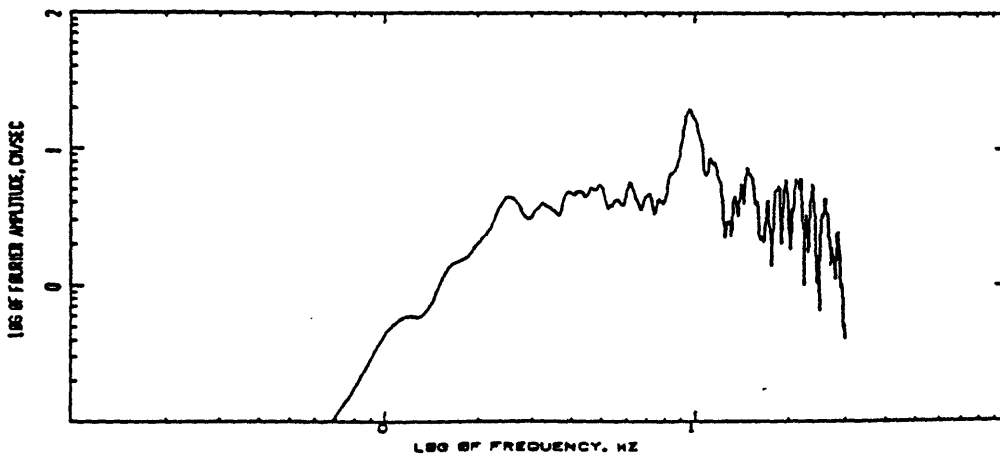
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/18/68, 04:56:15 UTC, ML=3.4
 STATION KVA, VER 10, 100%
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



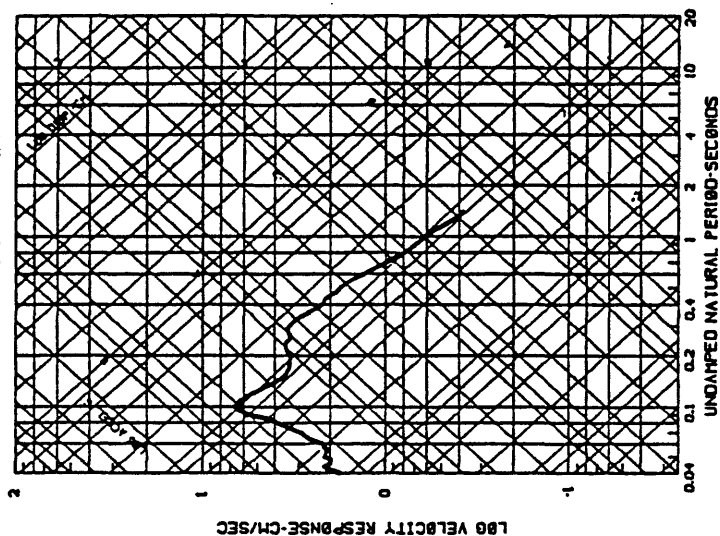
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/18/68, 04:56:15 UTC, ML=3.4
 STATION 279, 100%
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



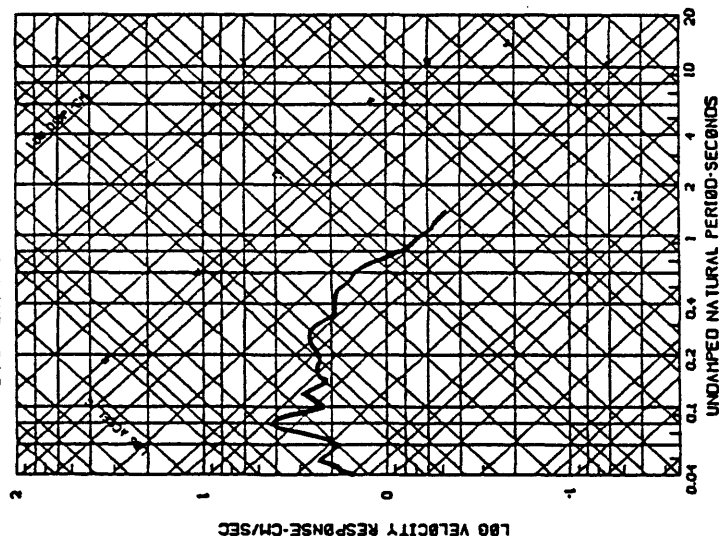
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 10/18/68, 04:56:15 UTC, ML=3.4
 STATION 302, 100%
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



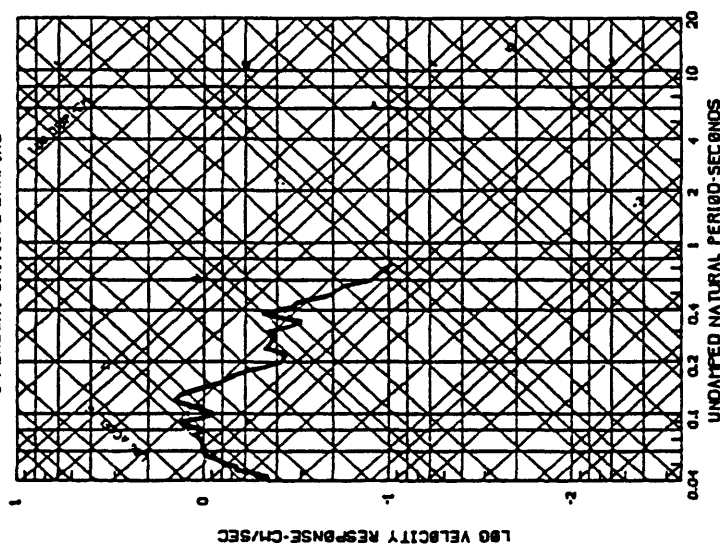
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KYS, 000
 5 PERCENT CRITICAL DAMPING



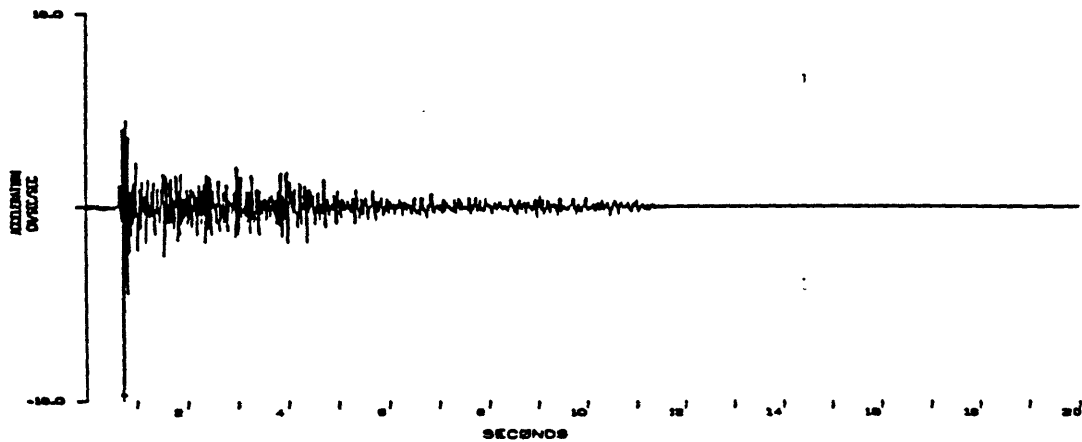
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KYS, 270
 5 PERCENT CRITICAL DAMPING



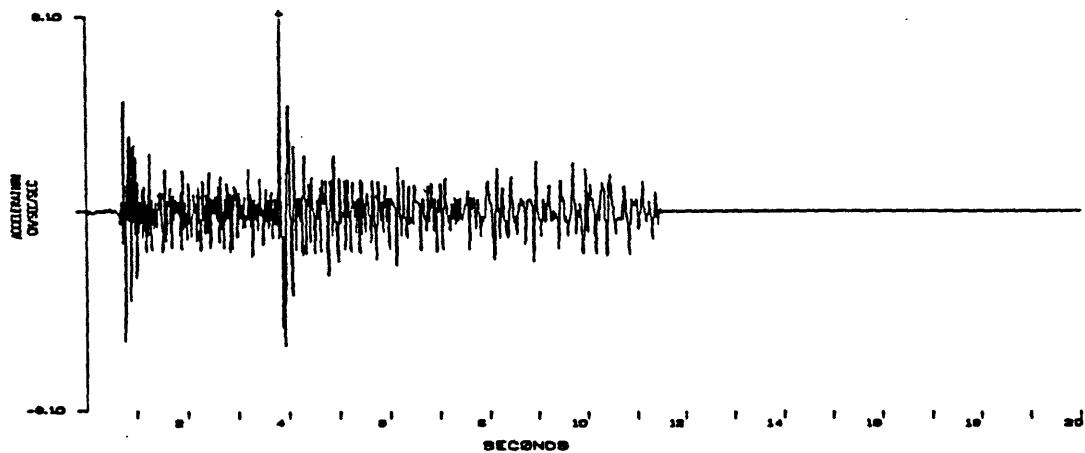
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 8 UTC, ML-3.4
 STATION KYS, VERT
 5 PERCENT CRITICAL DAMPING



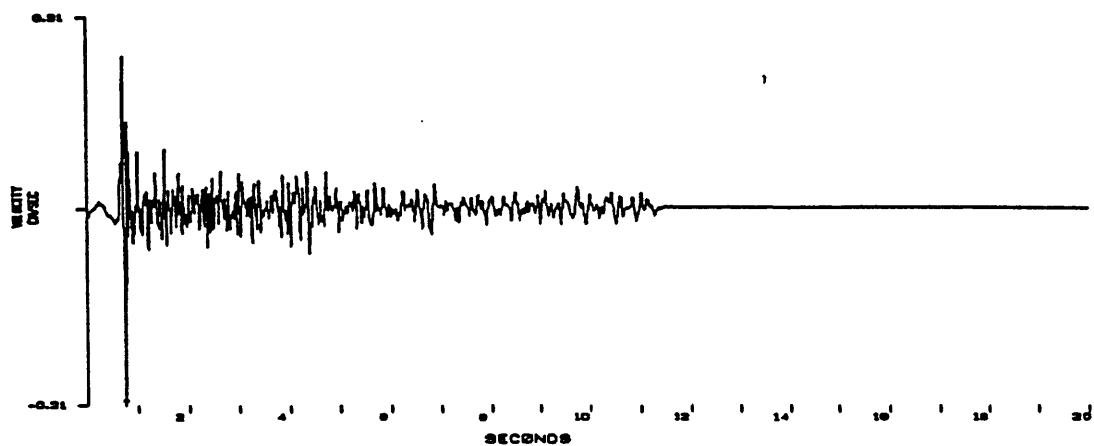
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION NVK, VERT



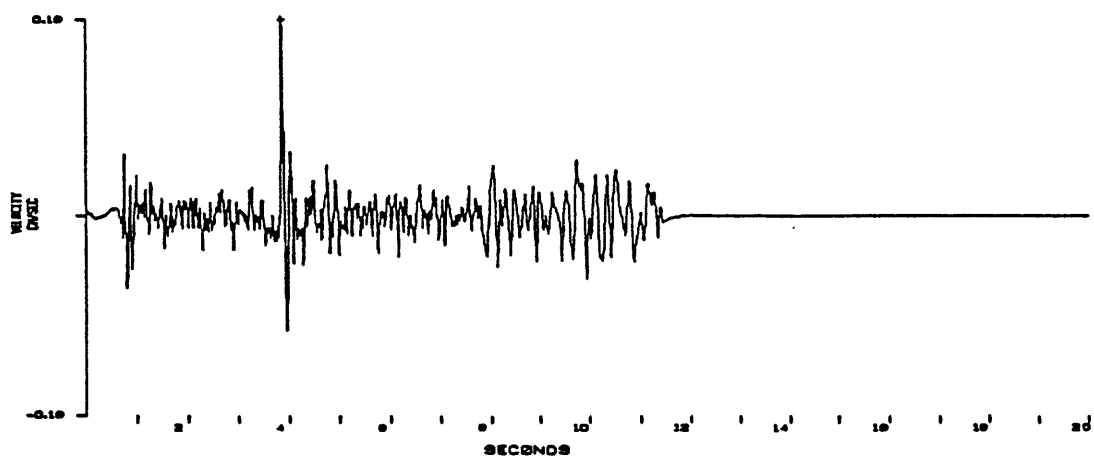
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION NVK, HZ



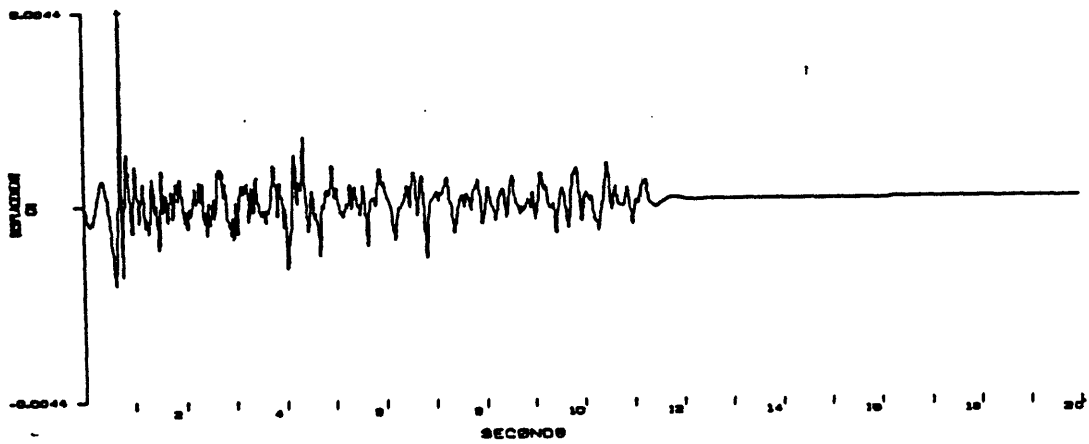
SECRET



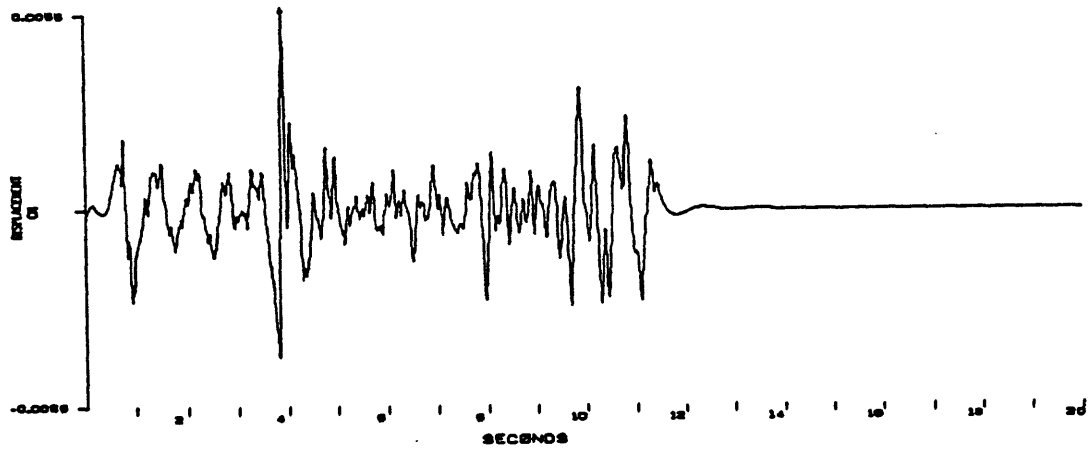
85E-107104-9. 278



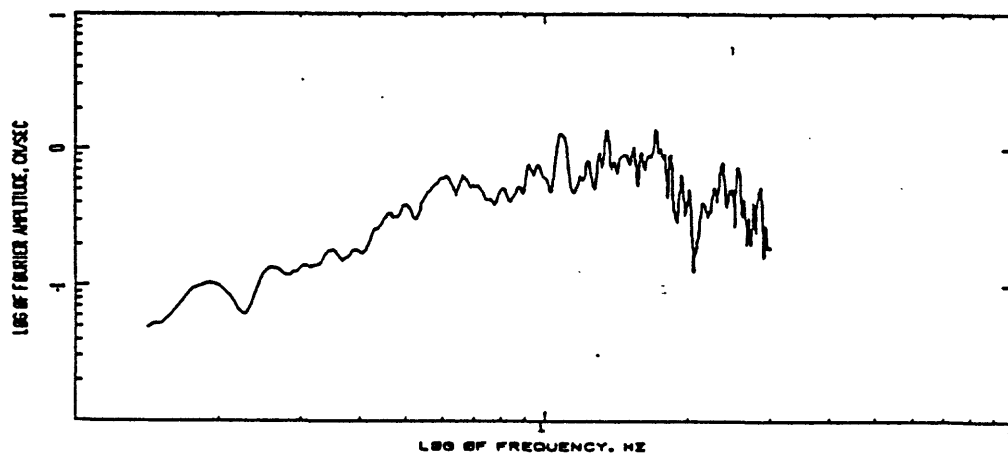
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION RVR, VERT



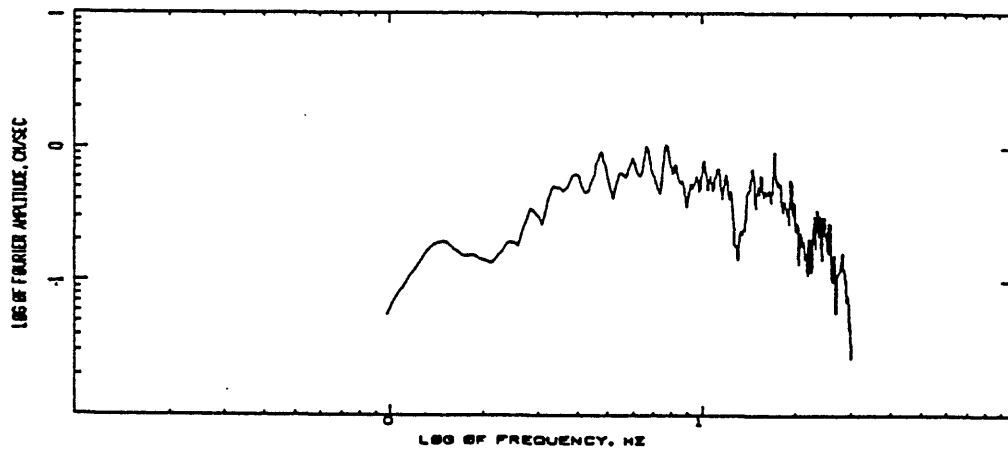
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION RVR, 278



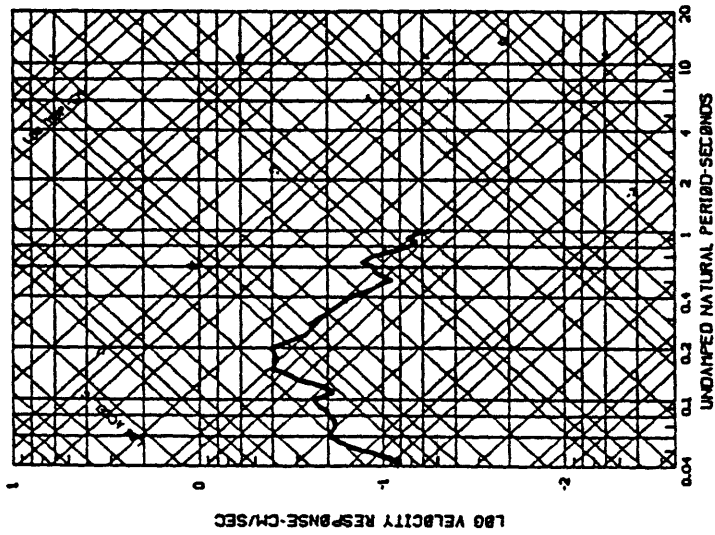
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/18/68, 0.3655 DYC, HL-3.4
 STATION NO. 1681
 COMPUTING OPTIONS- ZCRSS,SHOSTKIO,NONEISE



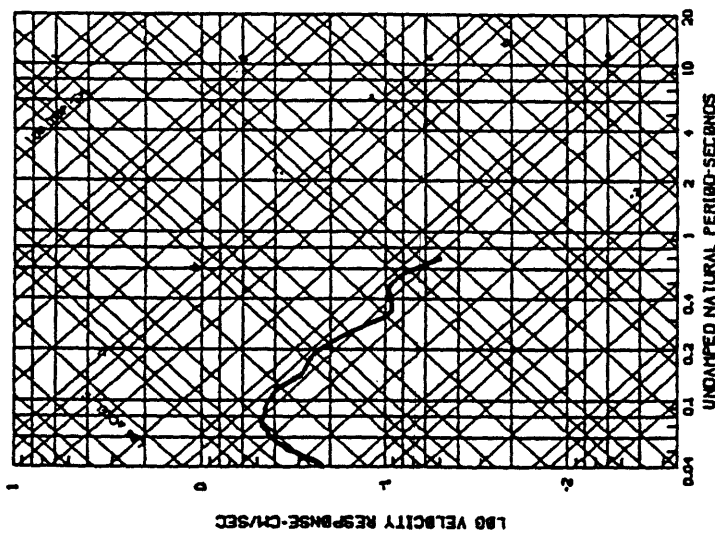
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/18/68, 0.3655 DYC, HL-3.4
 STATION NO. 1682
 COMPUTING OPTIONS- ZCRSS,SHOSTKIO,NONEISE



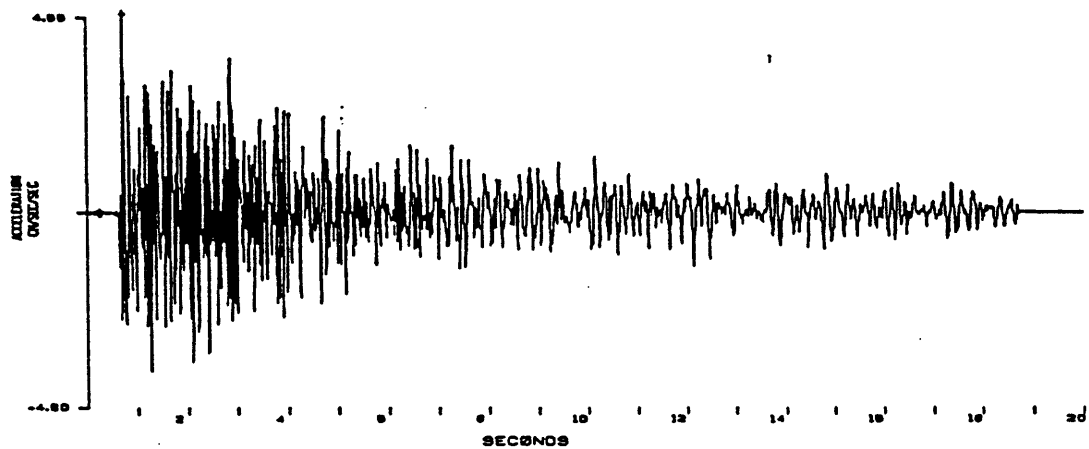
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79 10:35:08 UTC, M_L 3.4
 STATION RVR 270
 5 PERCENT CRITICAL DAMPING



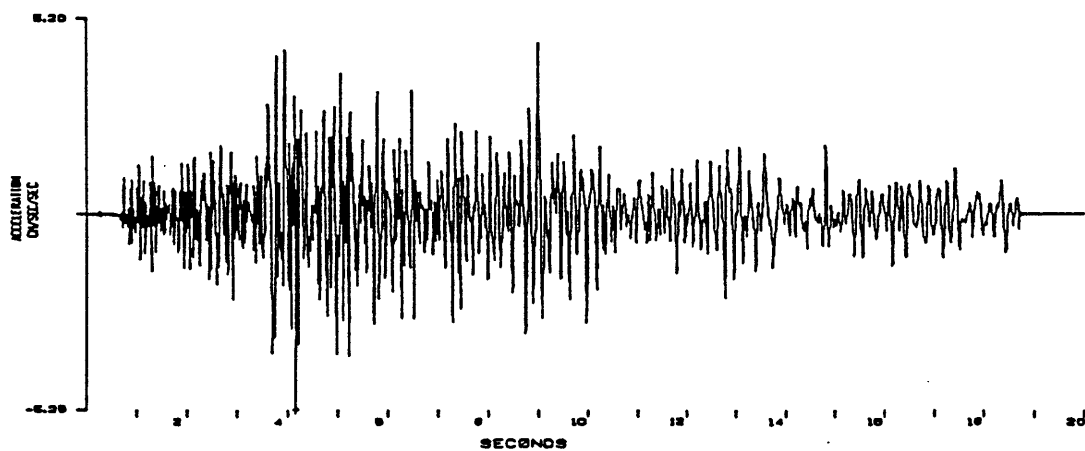
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/18/79 10:35:08 UTC, M_L 3.4
 STATION RVR 467
 5 PERCENT CRITICAL DAMPING



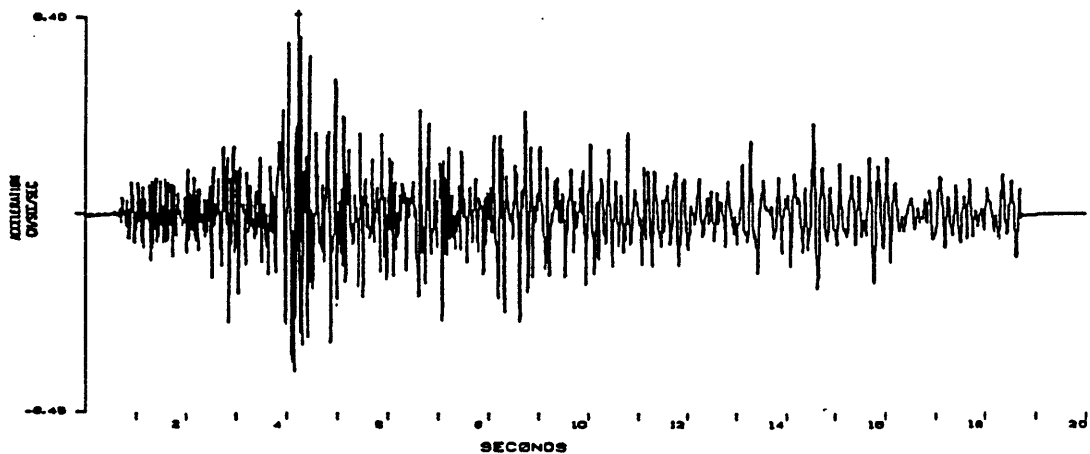
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 0 UTC, ML-3.4
STATION SLD, 021



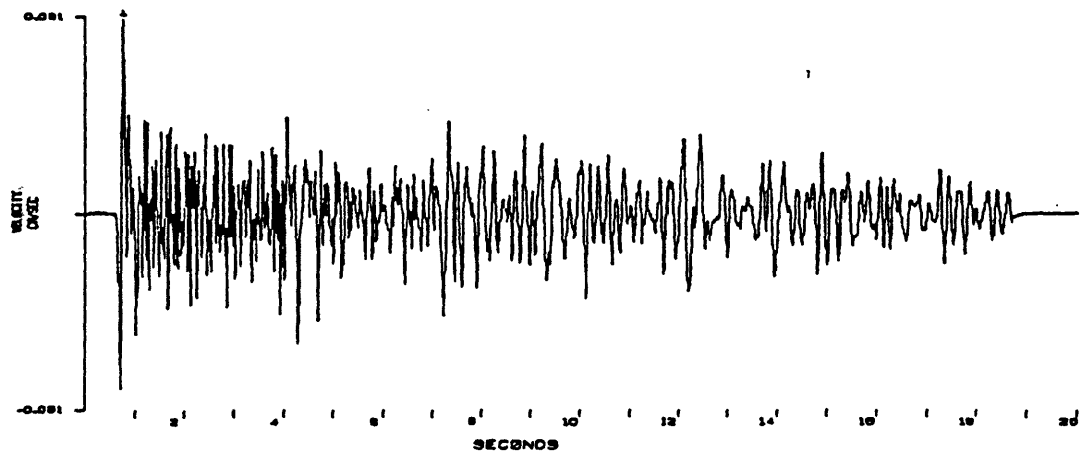
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 0 UTC, ML-3.4
STATION SLD, 008



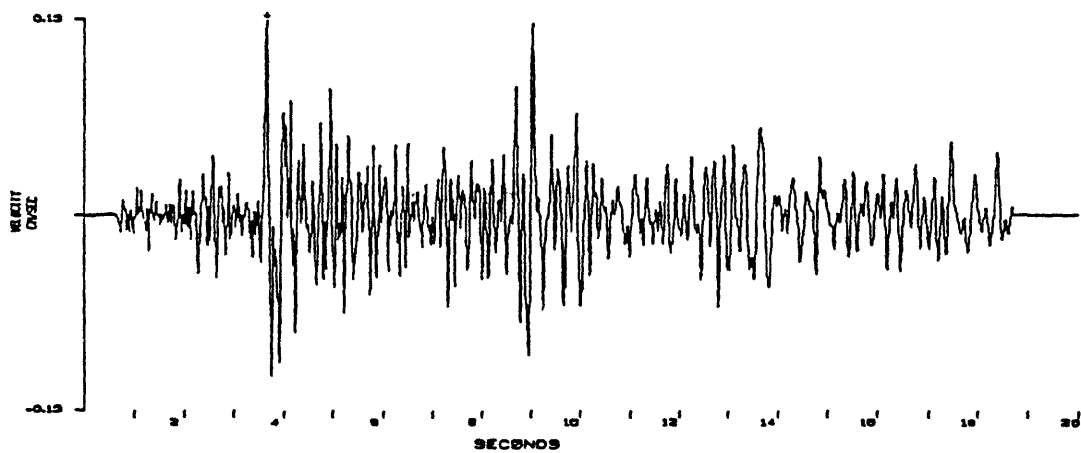
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35: 0 UTC, ML-3.4
STATION SLD, 278



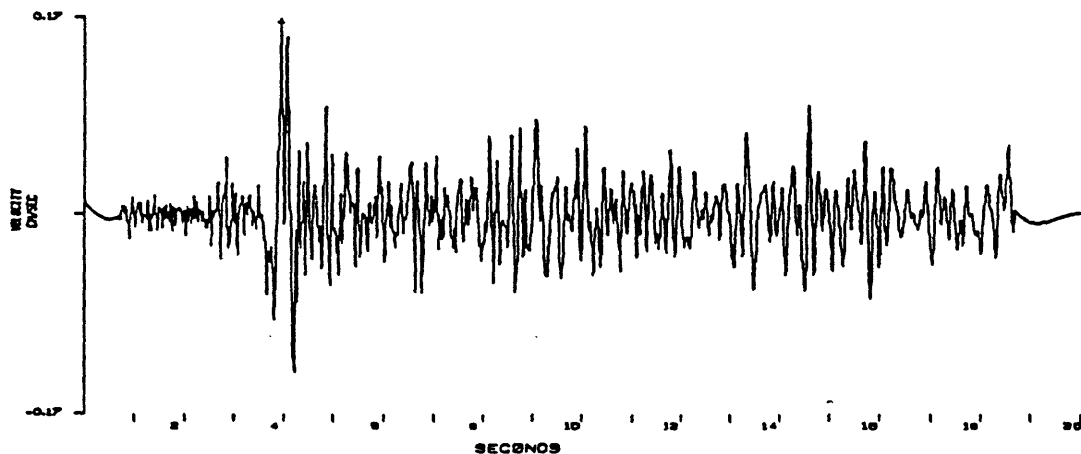
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLC, VERT



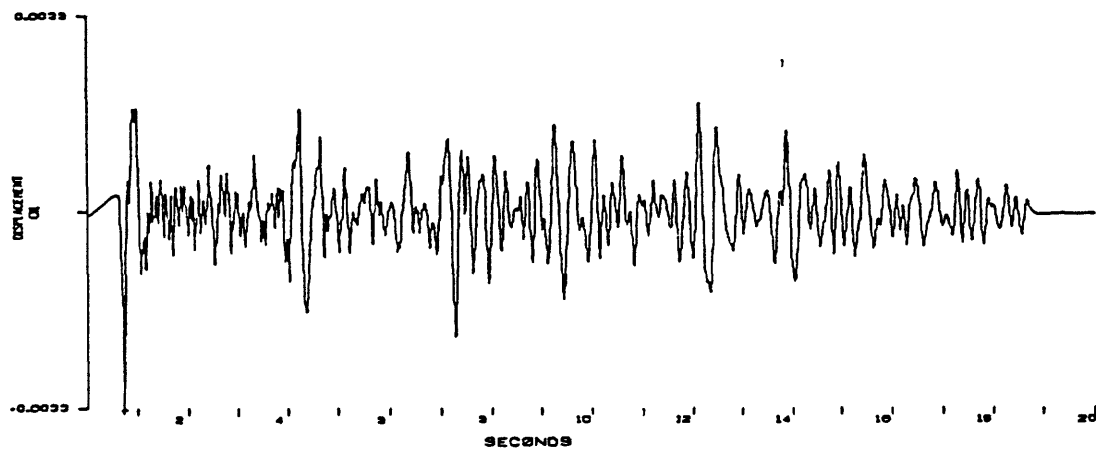
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLC, DDD



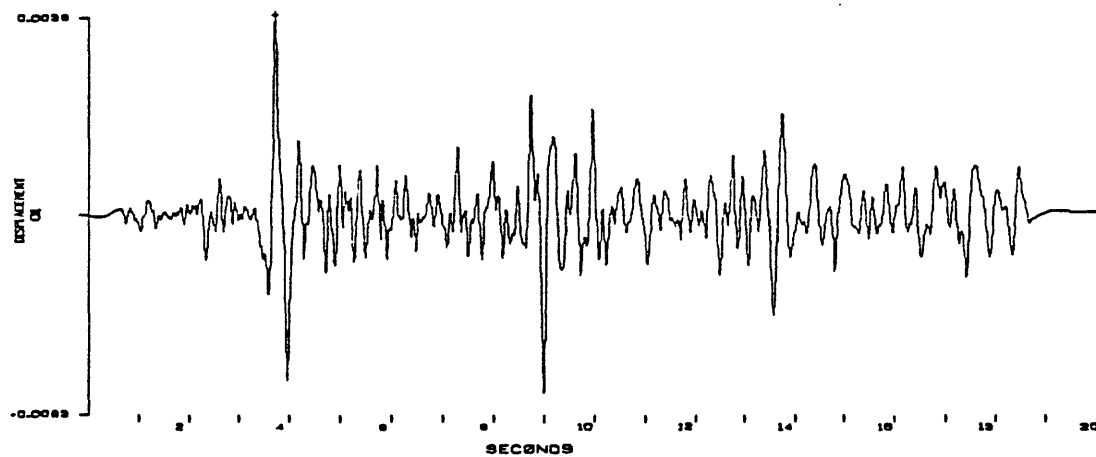
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLC, DDD



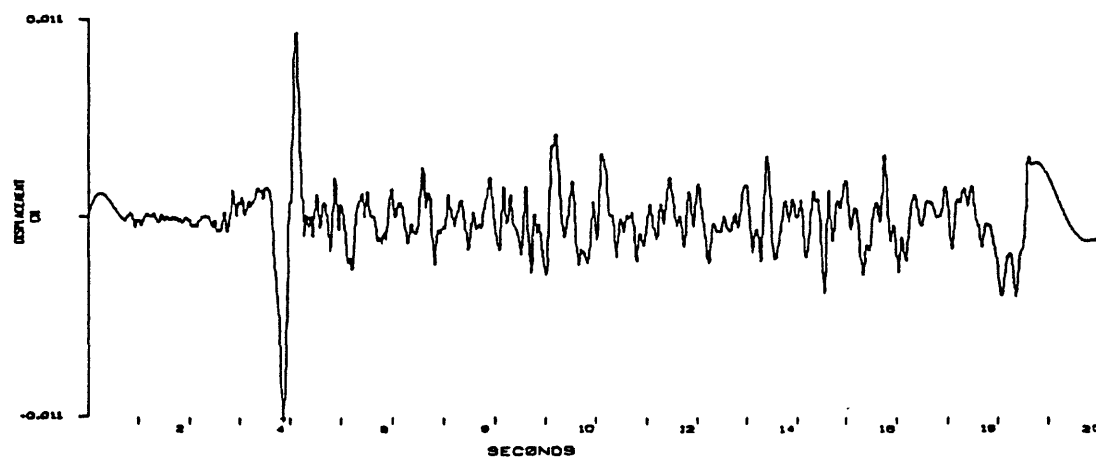
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLD, VER1



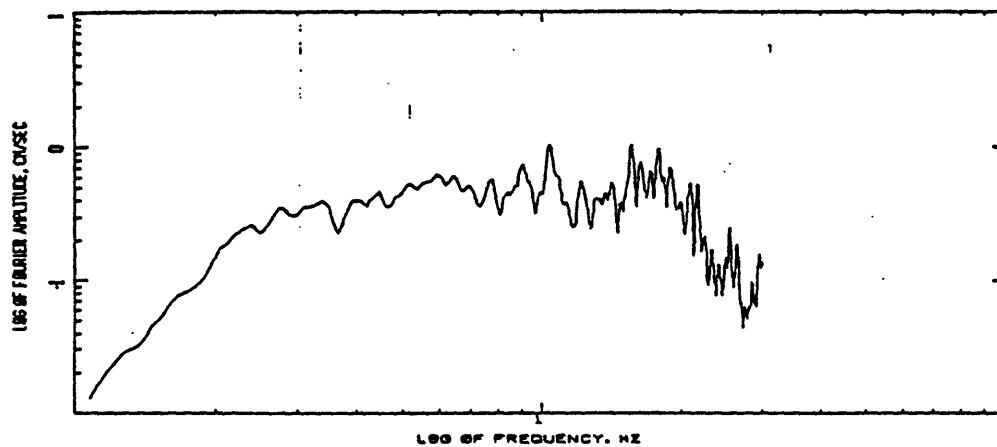
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLD, VER2



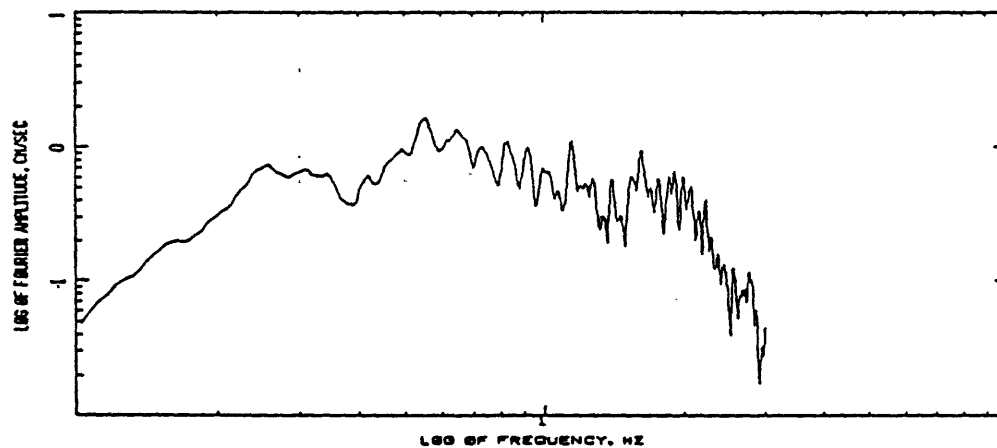
IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35:08 UTC, ML-3.4
STATION SLD, VER3



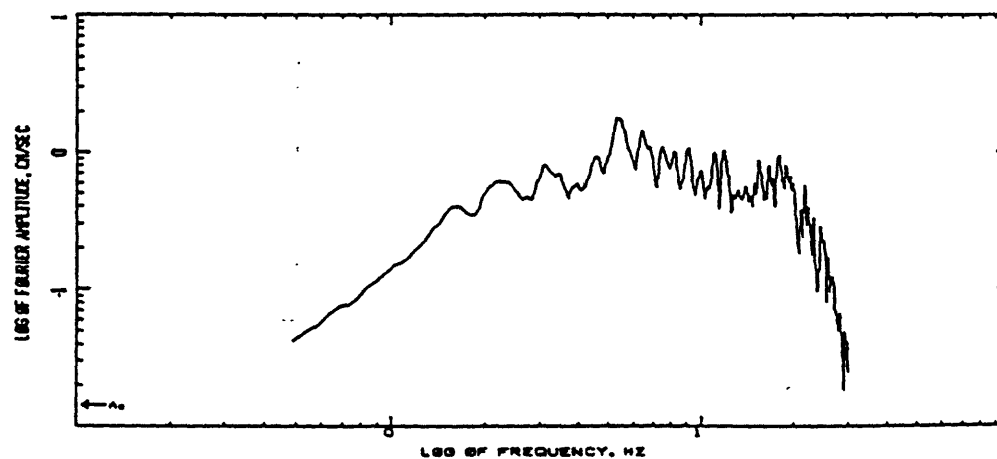
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10718720, 10:36.8 UTC, ML-3.4
 STATION 10718720
 COMPUTING OPTIONS: ZCRSS,SHOOTHK10,NONBIE



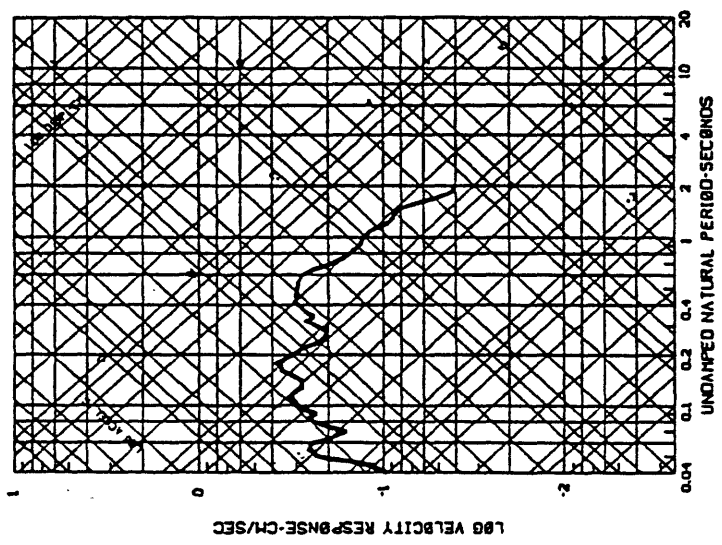
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10718720, 10:36.8 UTC, ML-3.4
 STATION 10718720
 COMPUTING OPTIONS: ZCRSS,SHOOTHK10,NONBIE



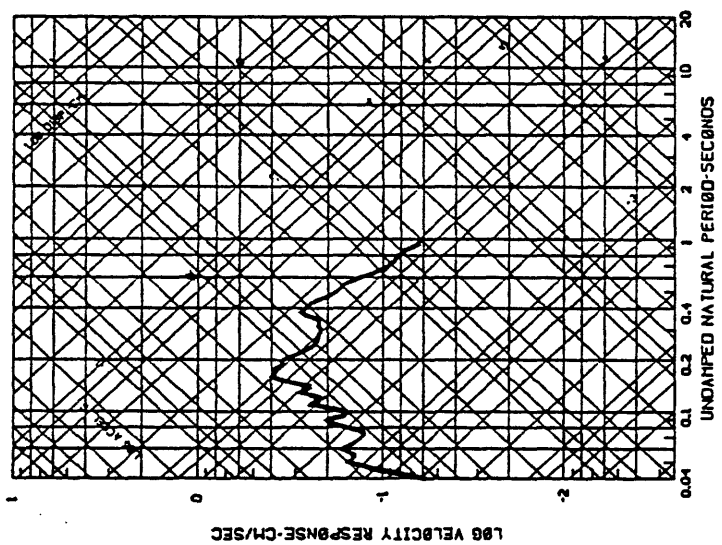
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10718720, 10:36.8 UTC, ML-3.4
 STATION 10718720
 COMPUTING OPTIONS: ZCRSS,SHOOTHK10,NONBIE



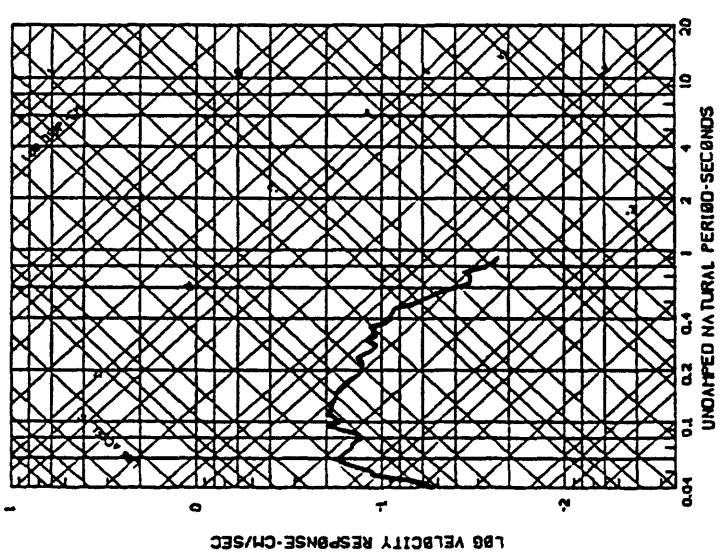
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, ML-3.4
 STATION 510, 270
 5 PERCENT CRITICAL DAMPING



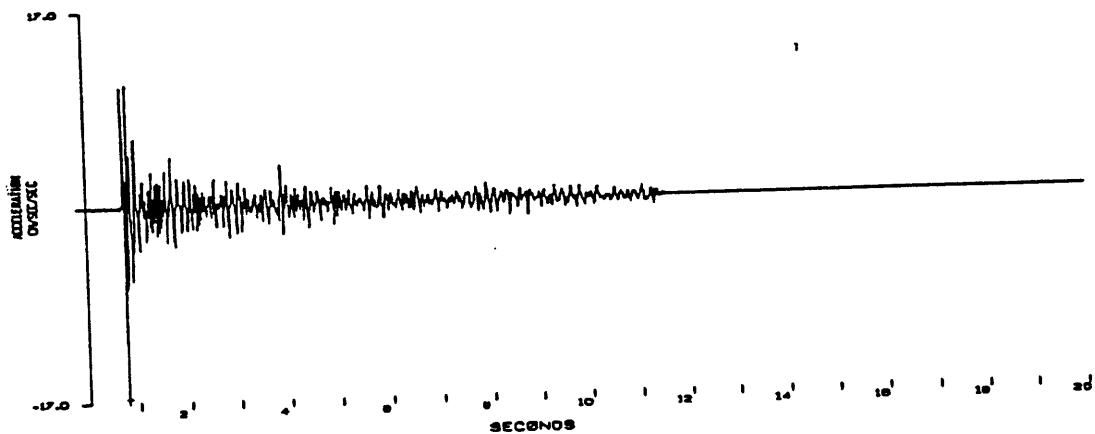
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, ML-3.4
 STATION 510, 000
 5 PERCENT CRITICAL DAMPING



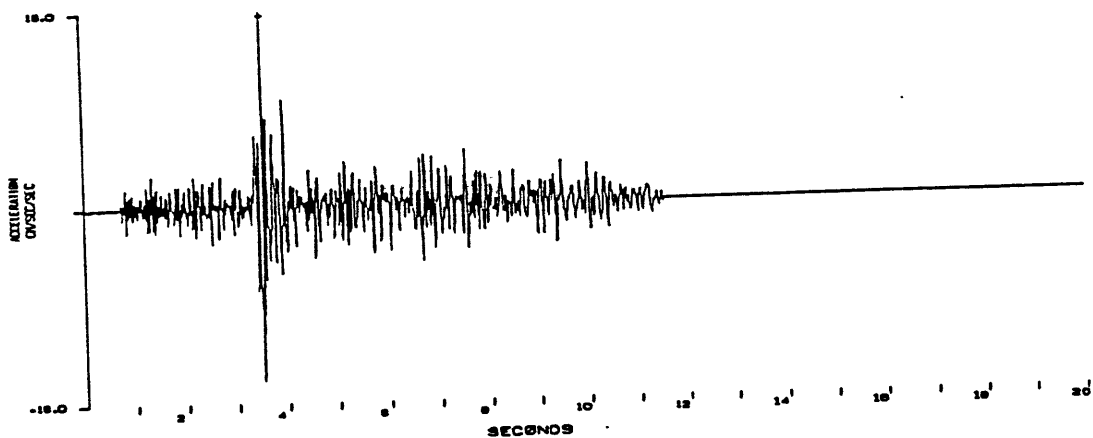
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/18/79, 10:35; 8 UTC, ML-3.4
 STATION 510, 000
 5 PERCENT CRITICAL DAMPING



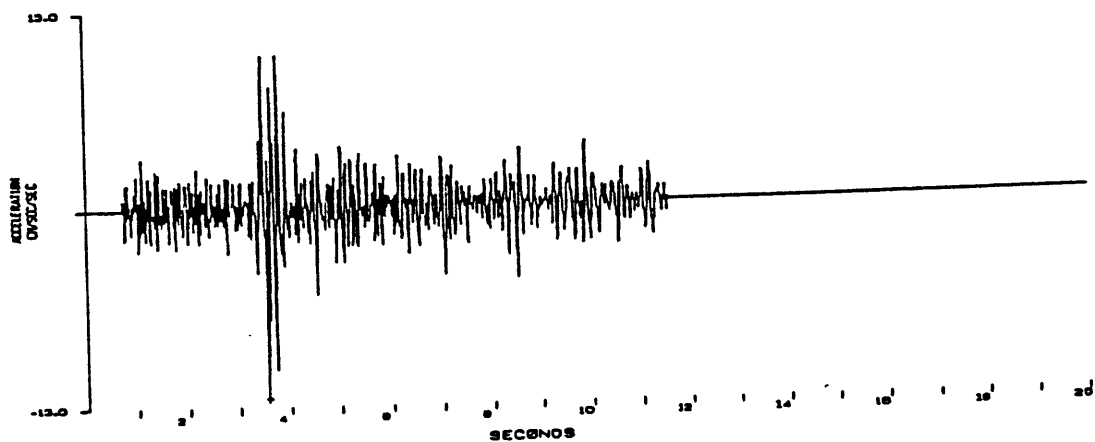
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS. VERT



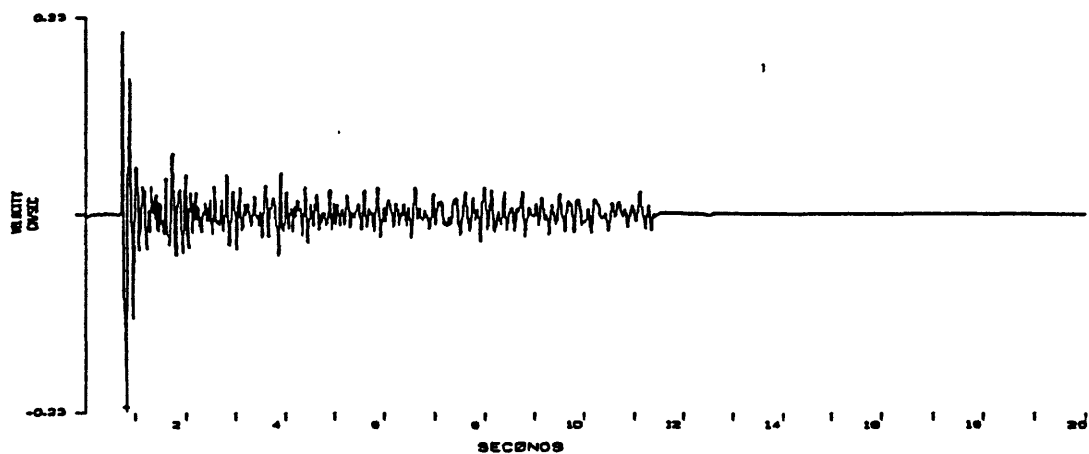
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS. DOO



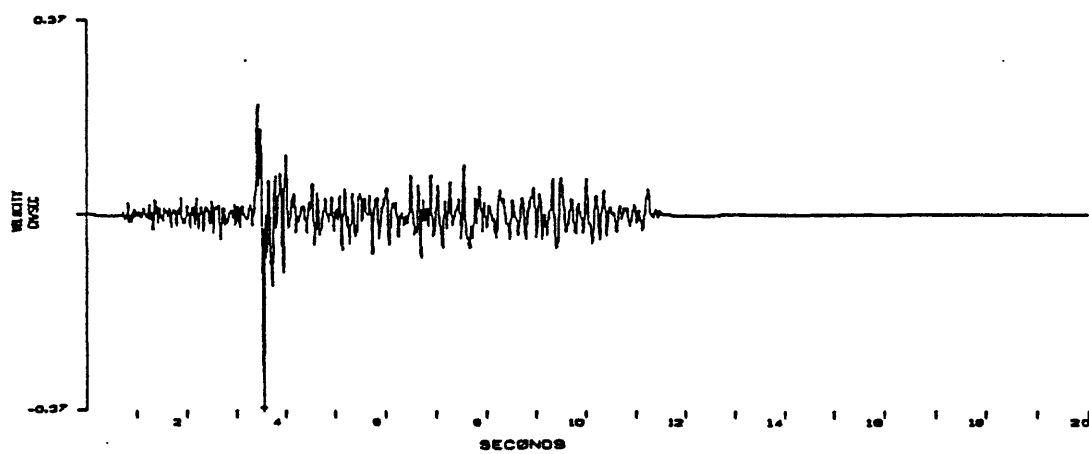
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS. 270



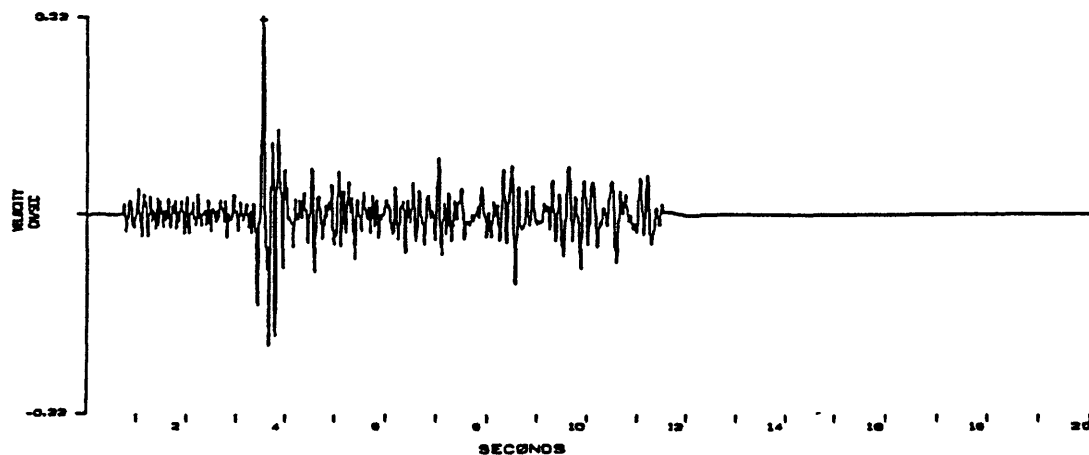
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS, VER



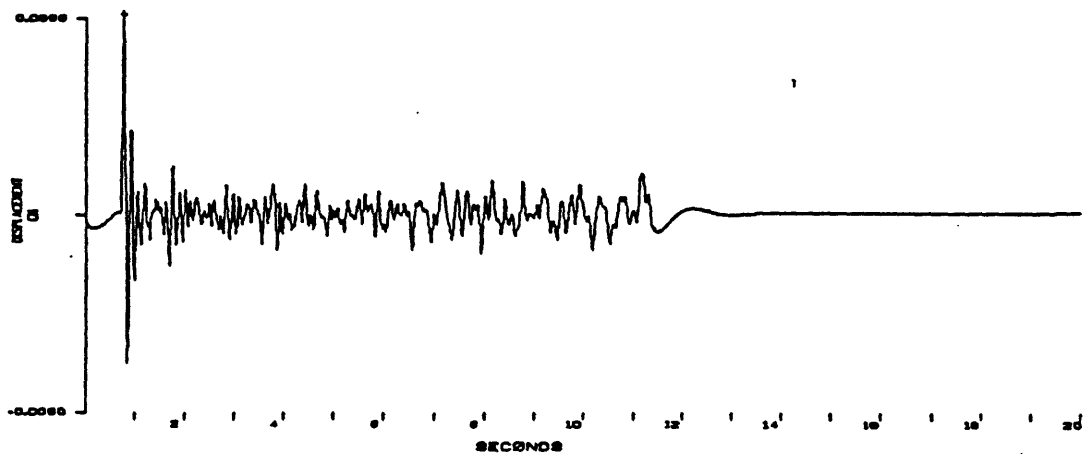
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS, BOB



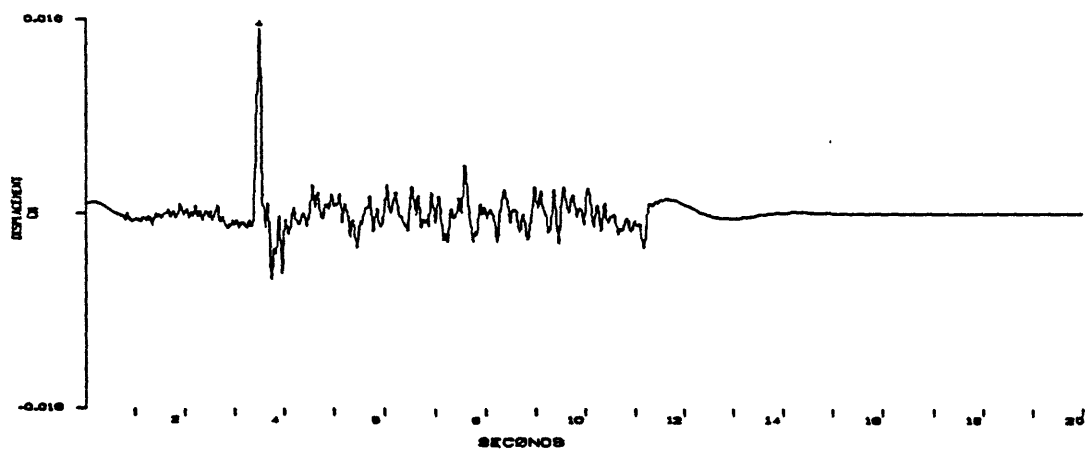
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION AFS, 278



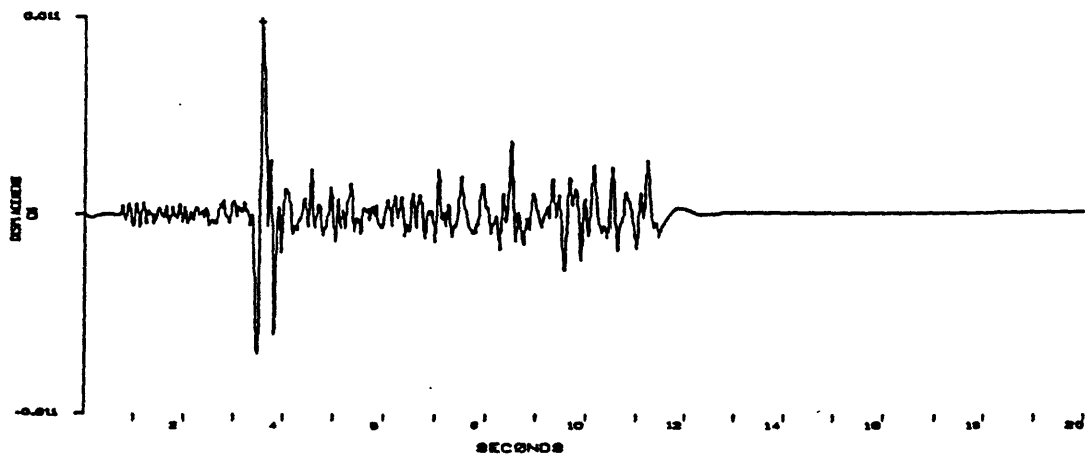
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 047



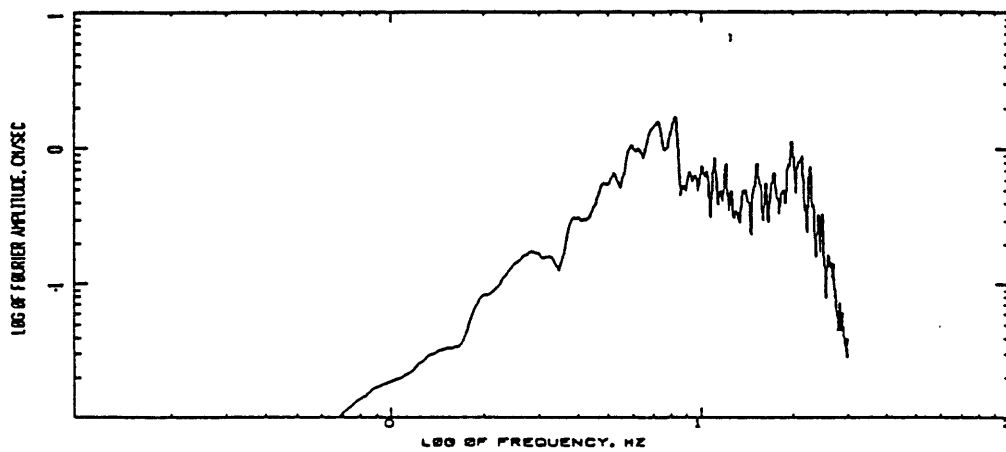
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 008



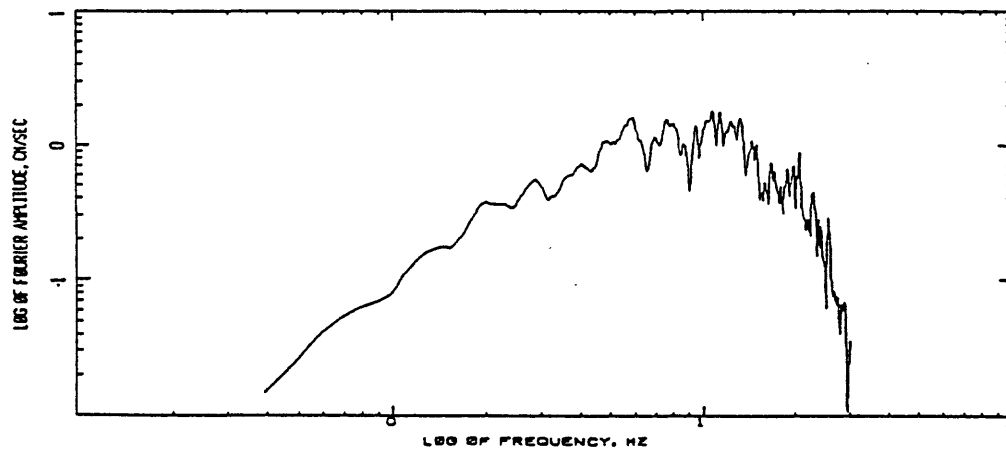
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION AFB, 278



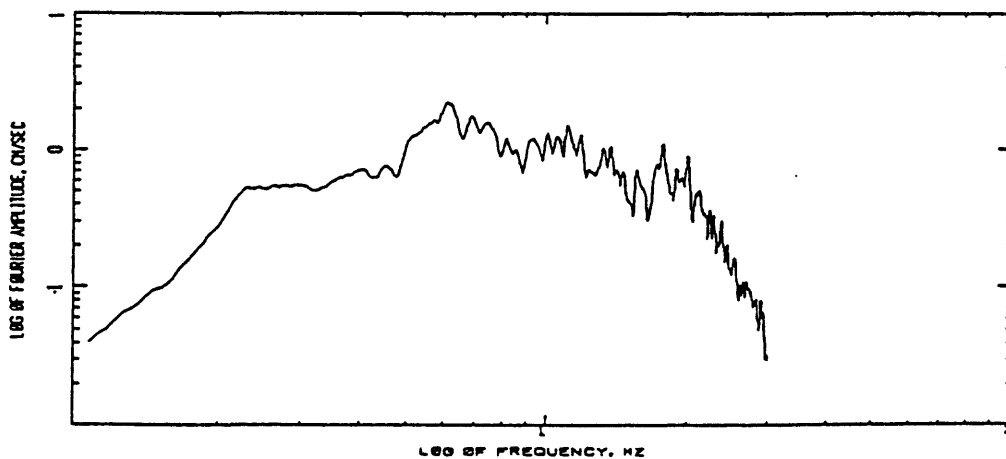
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, RL-3.0
 STATION AFB, DOP
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONSEISE



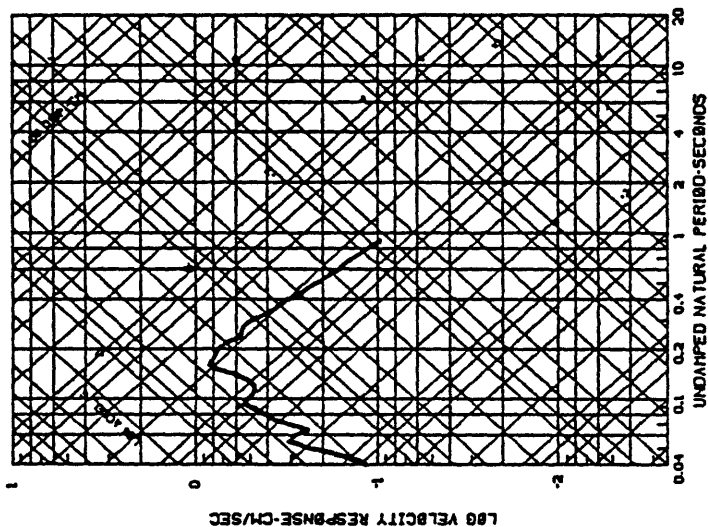
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, RL-3.0
 STATION AFB, DOP
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONSEISE



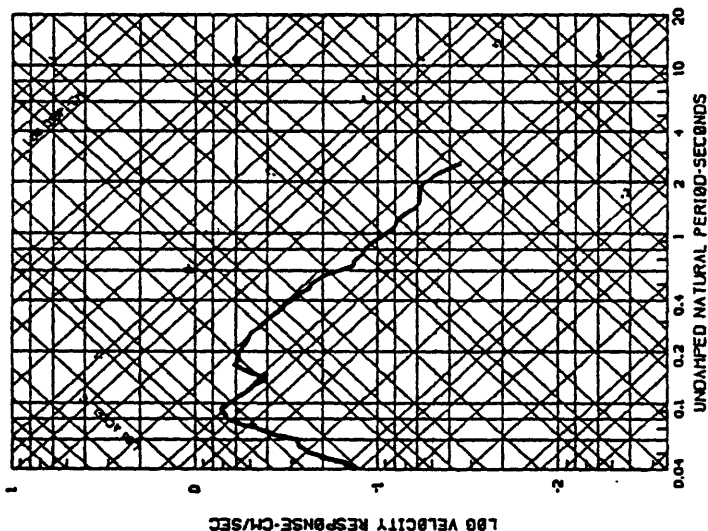
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, RL-3.0
 STATION AFB, DOP
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NONSEISE



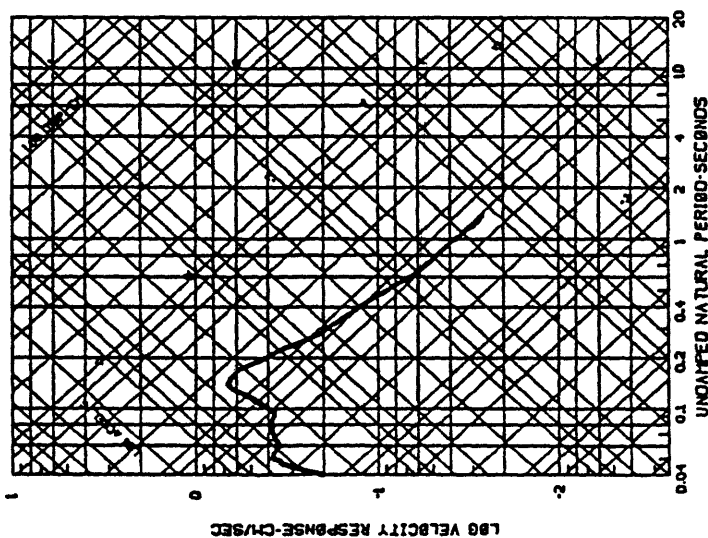
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, NL-3.0
 STATION 18, 0.00
 5 PERCENT CRITICAL DAMPING



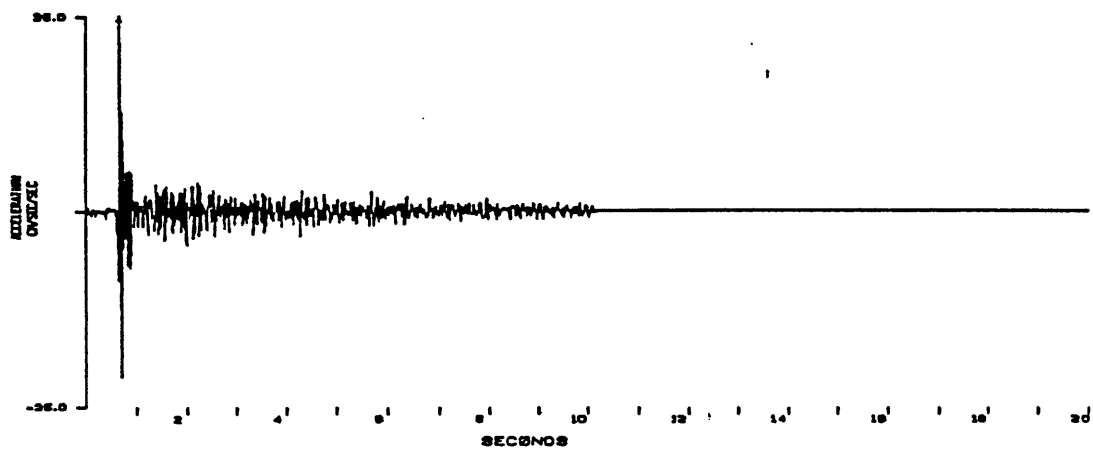
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, NL-3.0
 STATION 18, 0.00
 5 PERCENT CRITICAL DAMPING



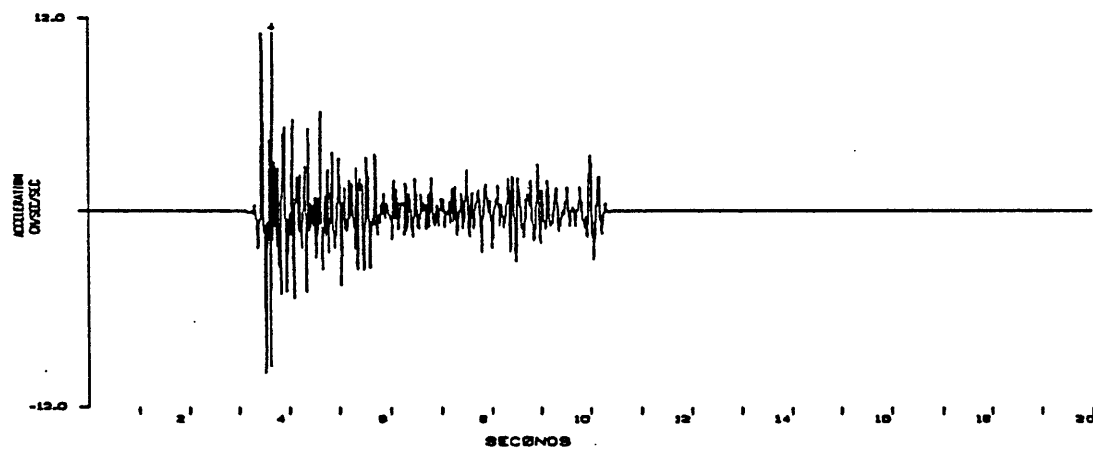
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 05:04:07 UTC, NL-3.0
 STATION 18, 0.00
 5 PERCENT CRITICAL DAMPING



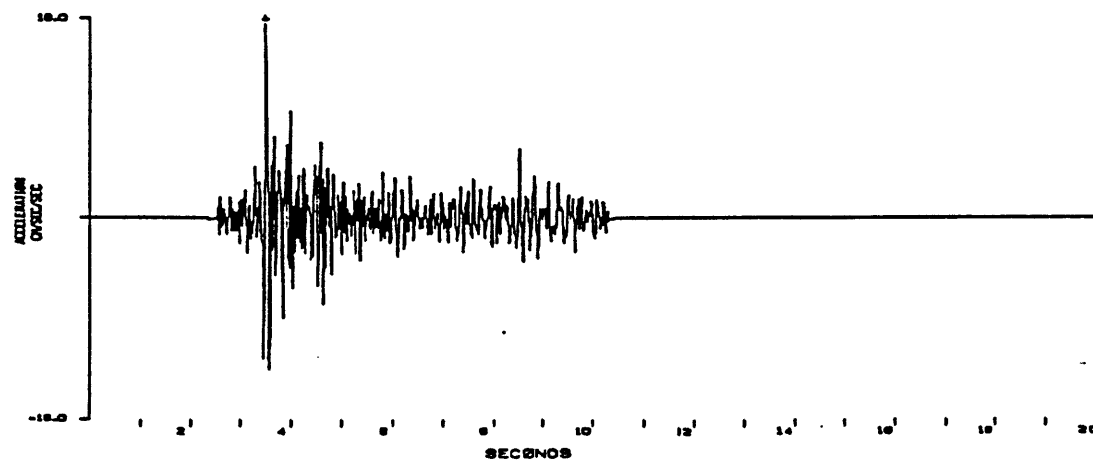
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, VERT



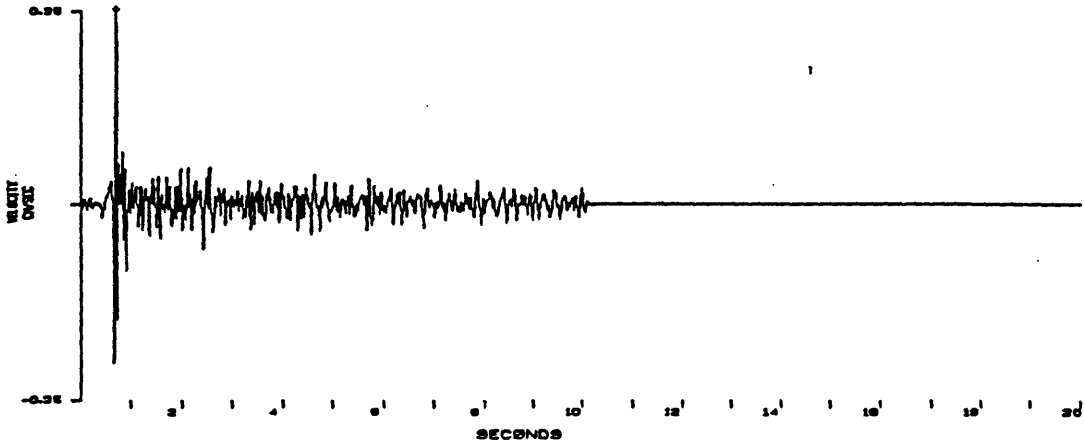
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, BOB



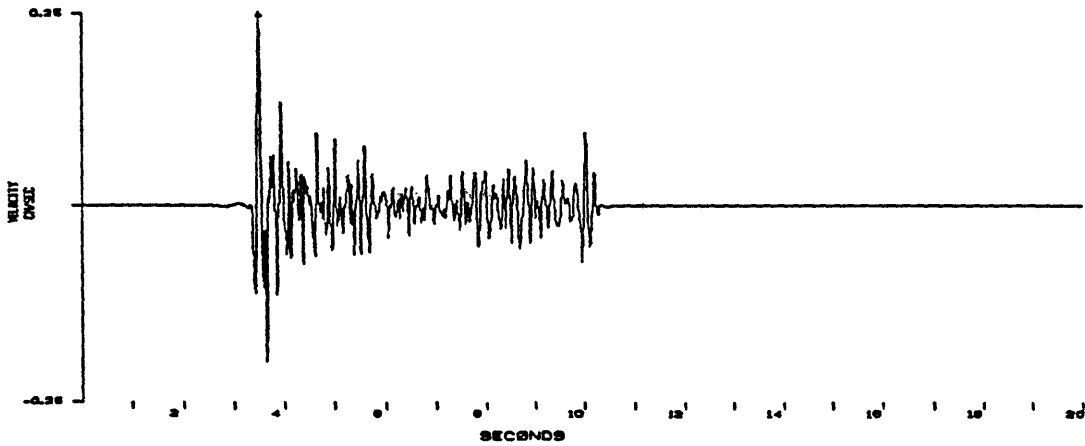
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION CF6, BOB



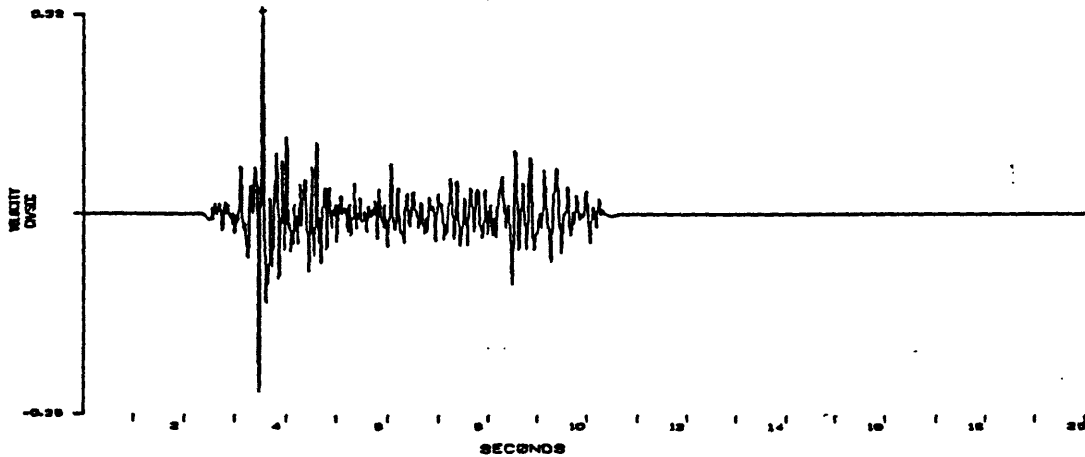
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CFB, VERT



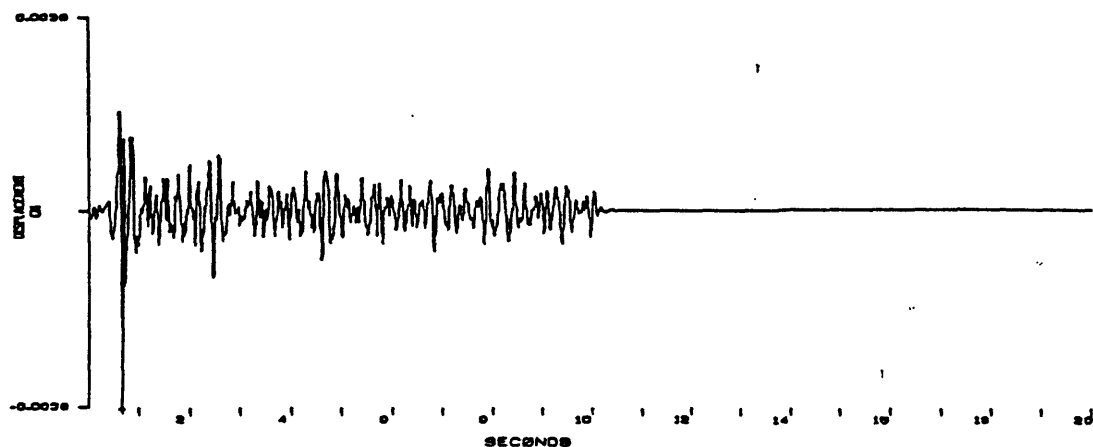
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CFB, BOB



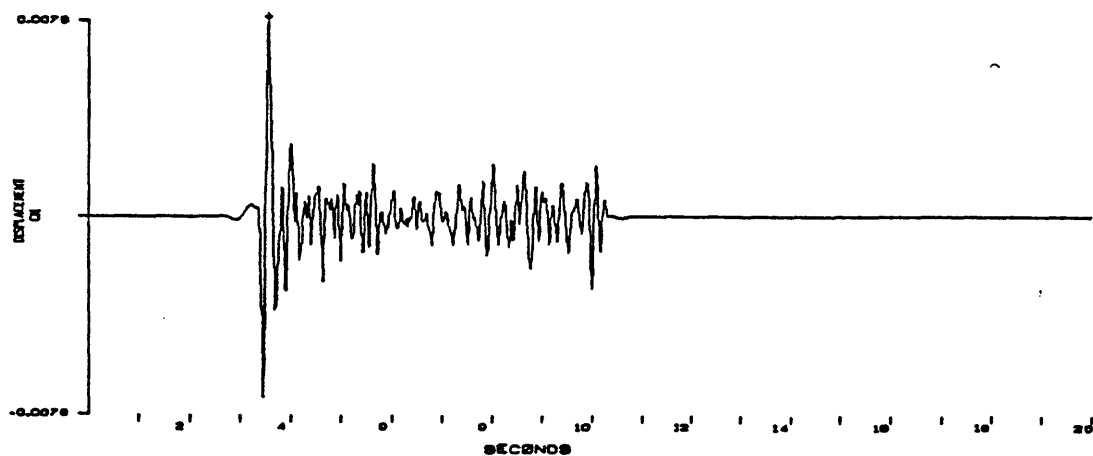
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 08:04:07 UTC, ML-3.0
STATION CFB, BOB



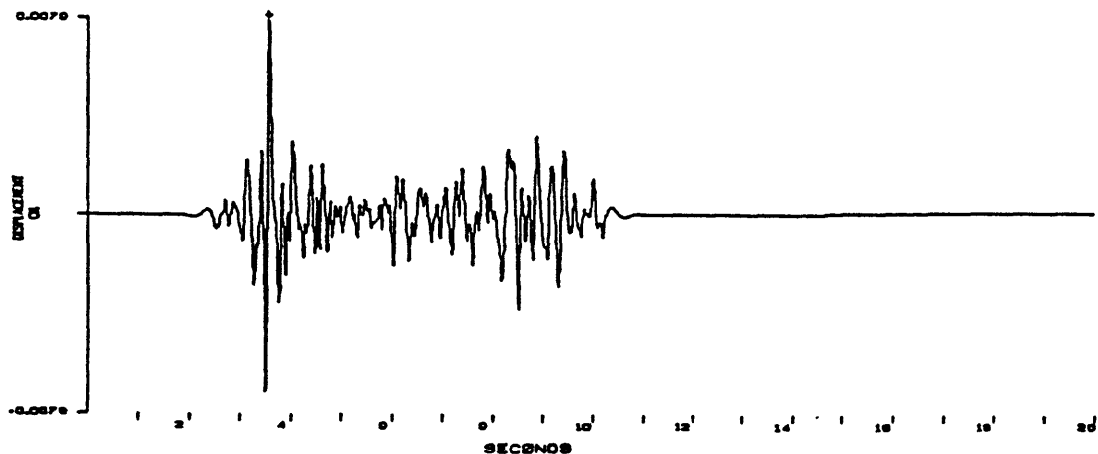
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION CFG, VERT



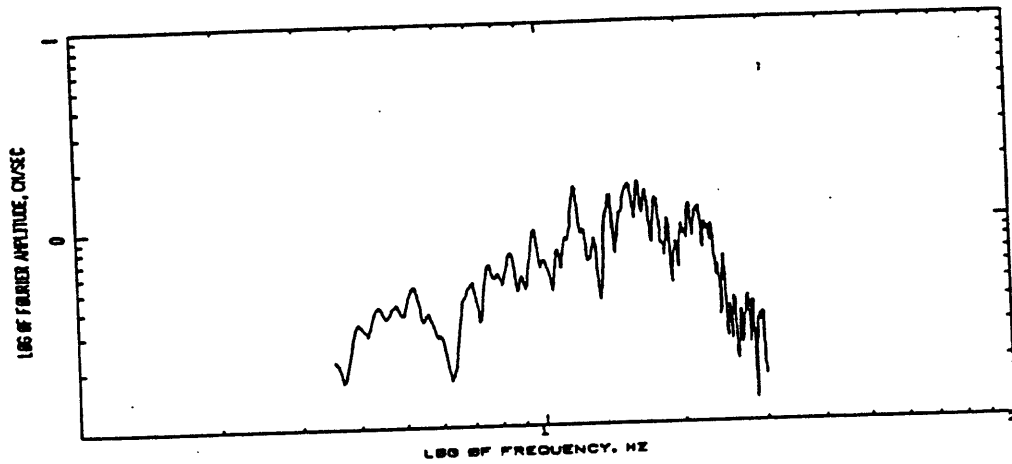
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION CFG, DOO



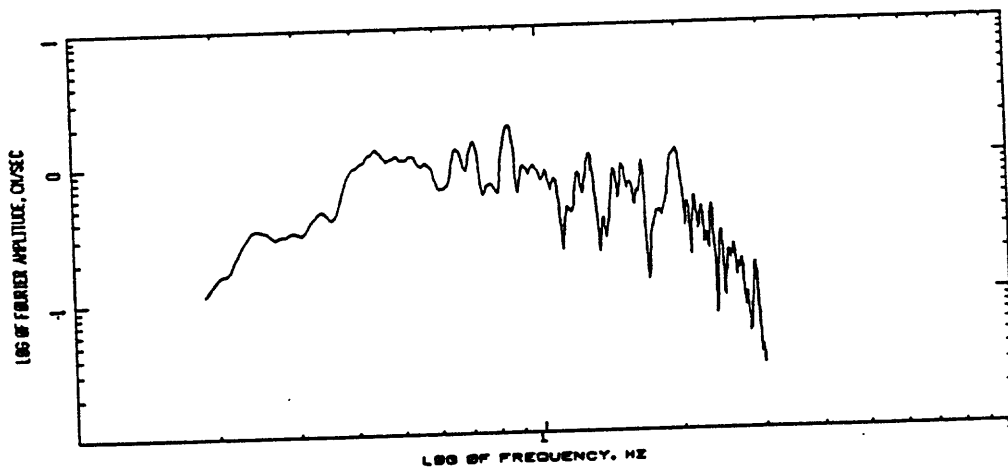
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION CFG, DOO



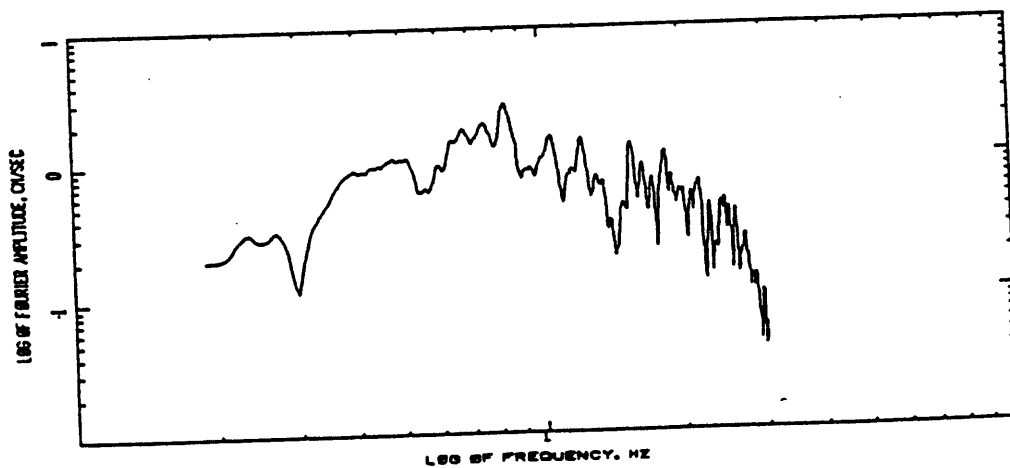
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION 2026, 08:04:07 UTC, RL-3.0
 COMPUTING OPTIONS- ZCROSS,SHBETHIO,NOISE



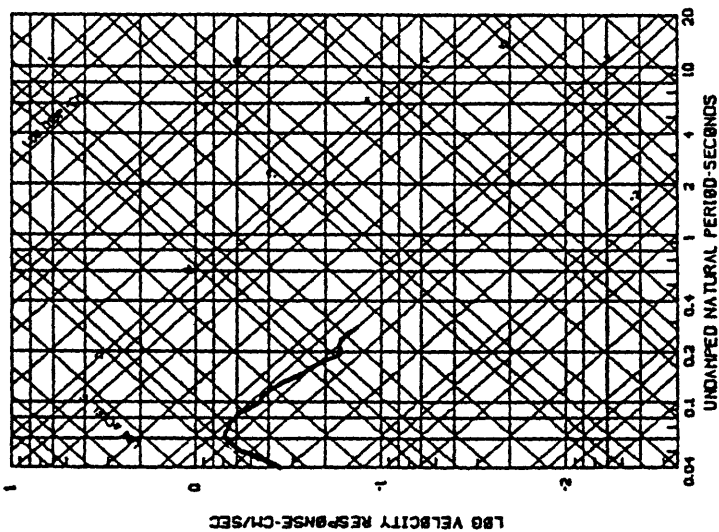
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION 2026, 08:04:07 UTC, RL-3.0
 COMPUTING OPTIONS- ZCROSS,SHBETHIO,NOISE



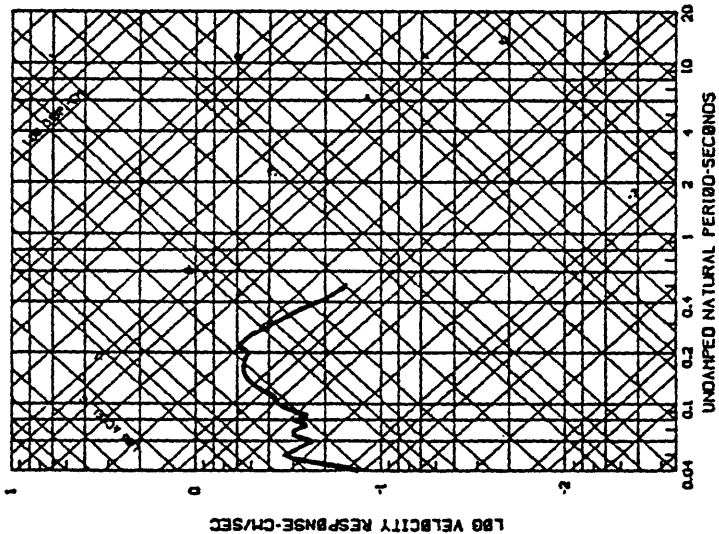
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION 2026, 08:04:07 UTC, RL-3.0
 COMPUTING OPTIONS- ZCROSS,SHBETHIO,NOISE



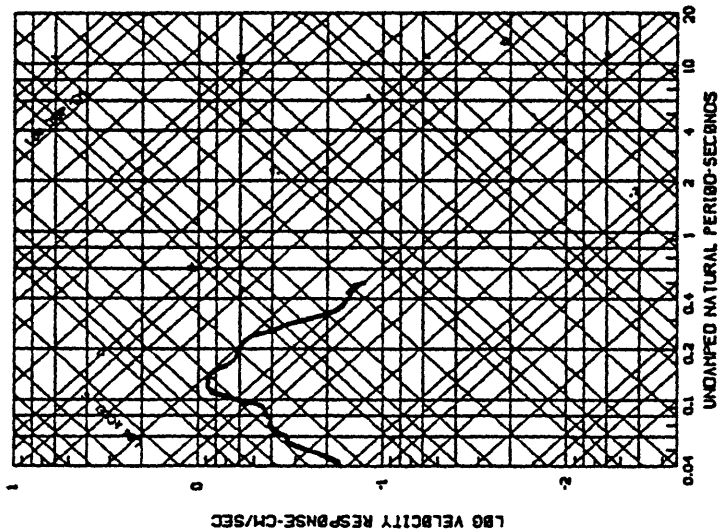
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 05:04:07 UTC, ML-3.0
 STATION 000
 5 PERCENT CRITICAL DAMPING



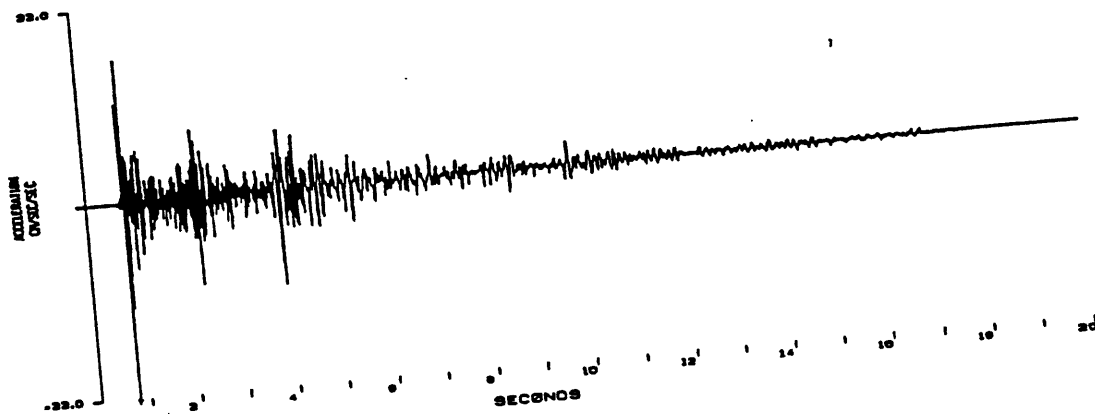
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 05:04:07 UTC, ML-3.0
 STATION 001
 5 PERCENT CRITICAL DAMPING



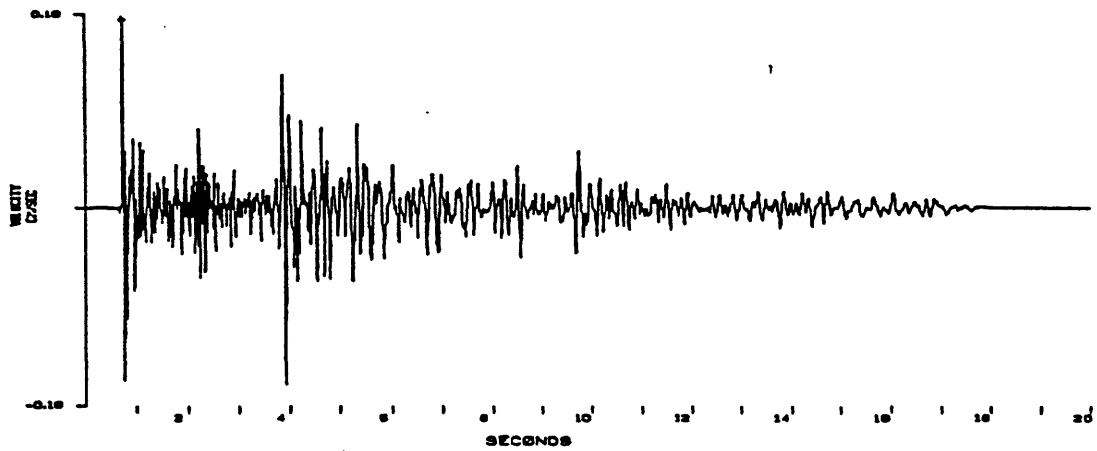
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 05:04:07 UTC, ML-3.0
 STATION 002
 5 PERCENT CRITICAL DAMPING



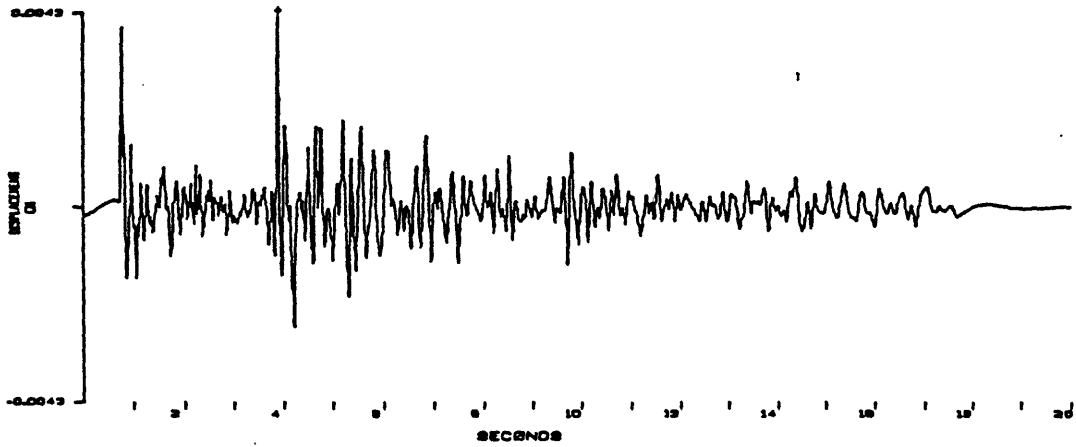
IMPERIAL VALLEY EARTHQUAKE, 10/29/79, 05:04:07 UTC, ML=3.0
 STATION CRK, VERT



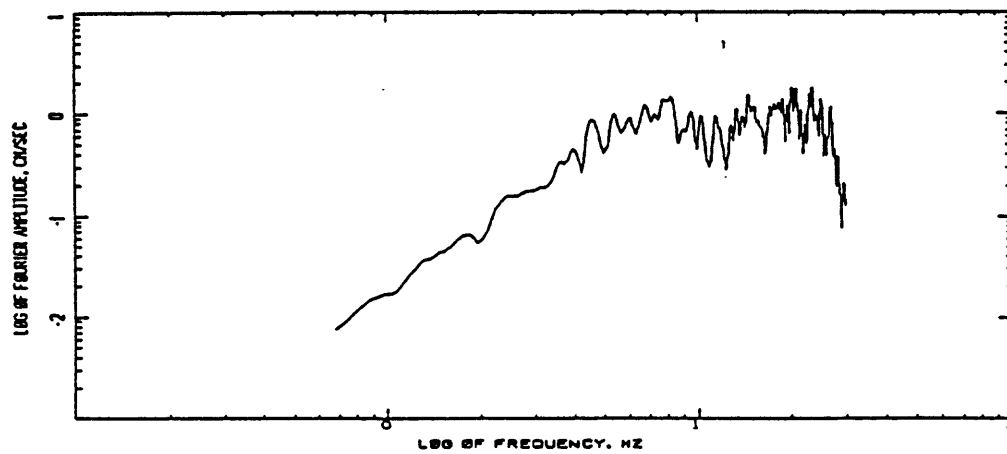
IMPERIAL VALLEY EARTHQUAKE, 12/20/79, 09:04:07 UTC, ML-3.0
STATION CRK. VERT



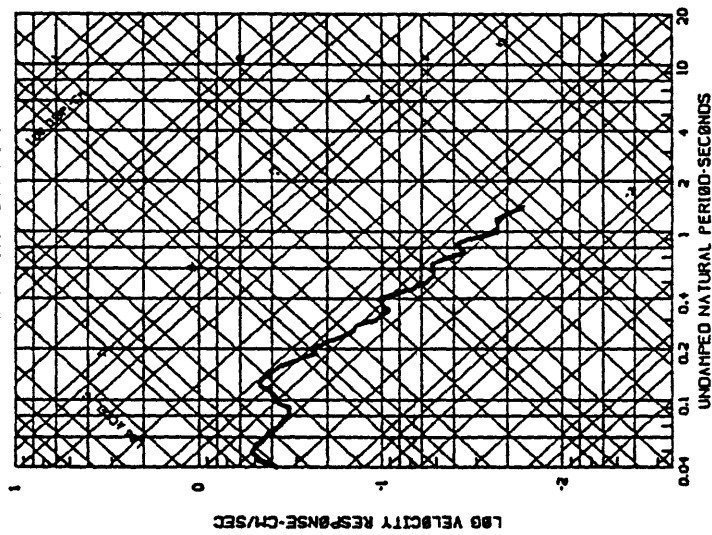
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-5.0
STATION CRK, VERT



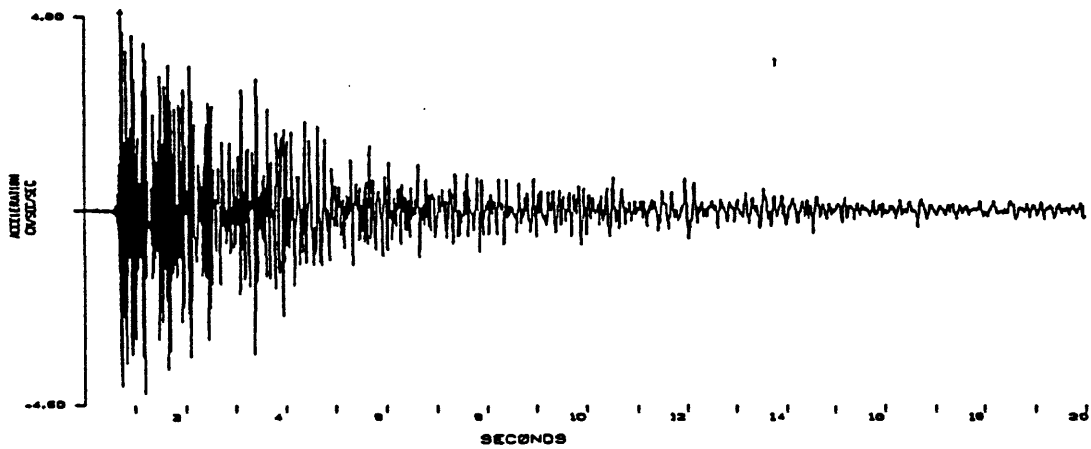
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/20/74, 0.5-5.0 HZ, PL-3.0
 STATION 08K, VER
 COMPUTING OPTIONS- 2 CROSS, 5000 HZ, 101, NONSISE



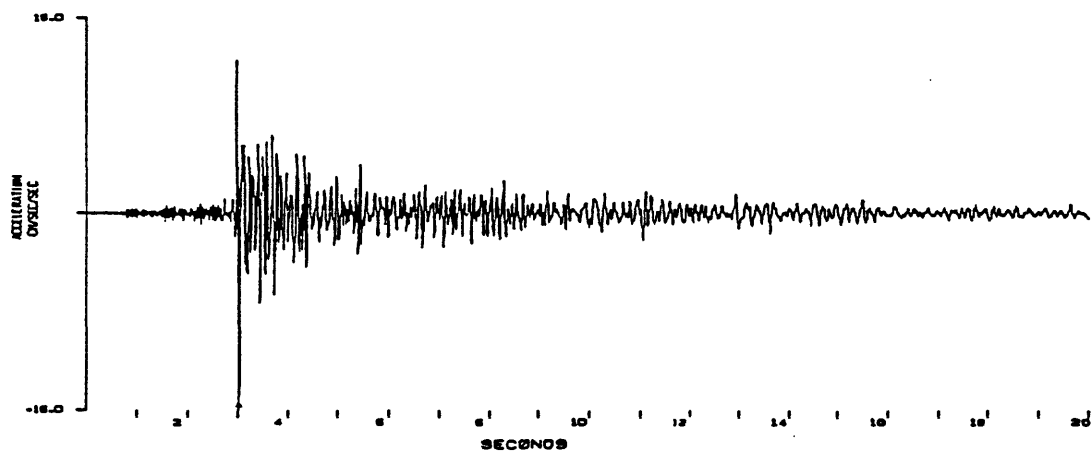
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION CRK, VERT
 5 PERCENT CRITICAL DAMPING



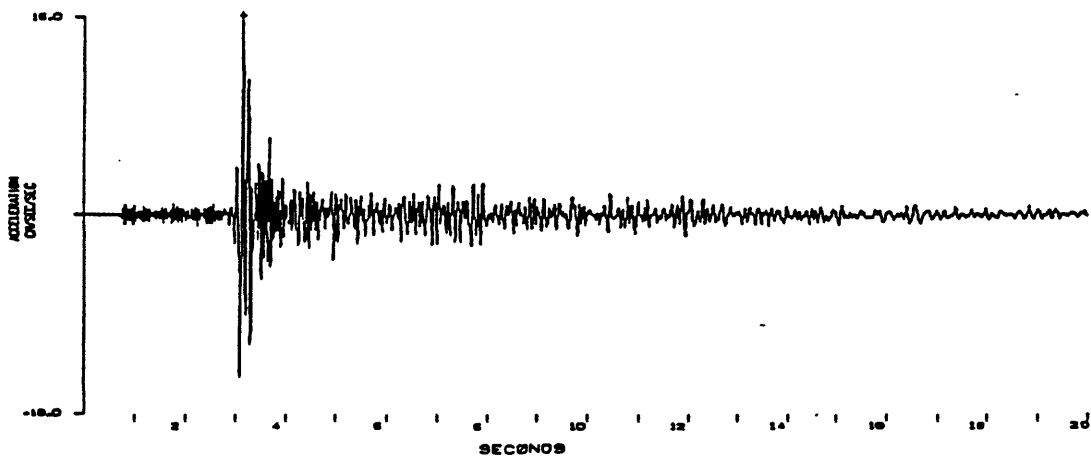
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04.07 UTC, ML-3.0
STATION PBR, VERT



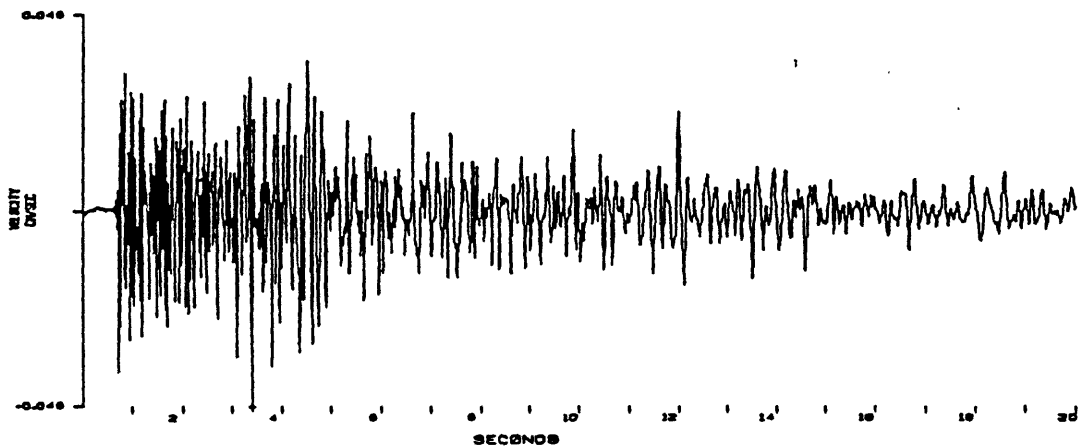
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04.07 UTC, ML-3.0
STATION PBR, 000



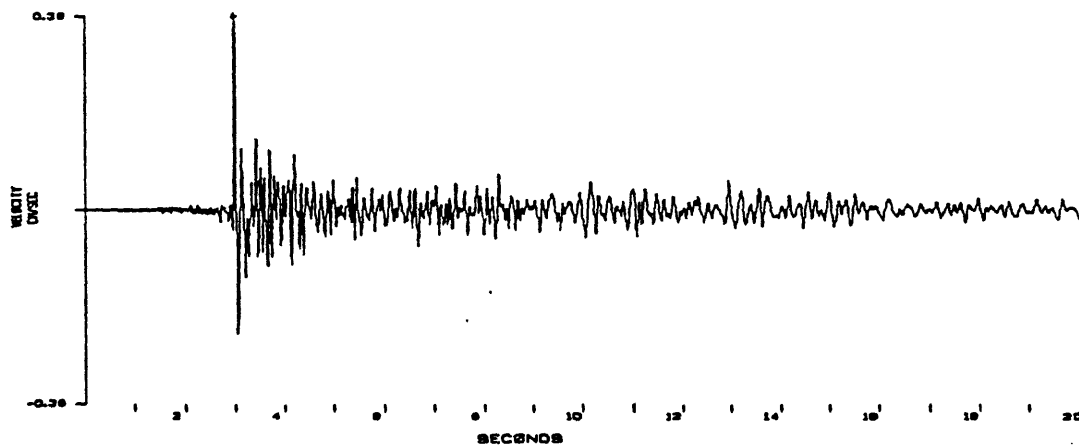
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04.07 UTC, ML-3.0
STATION PBR, 278



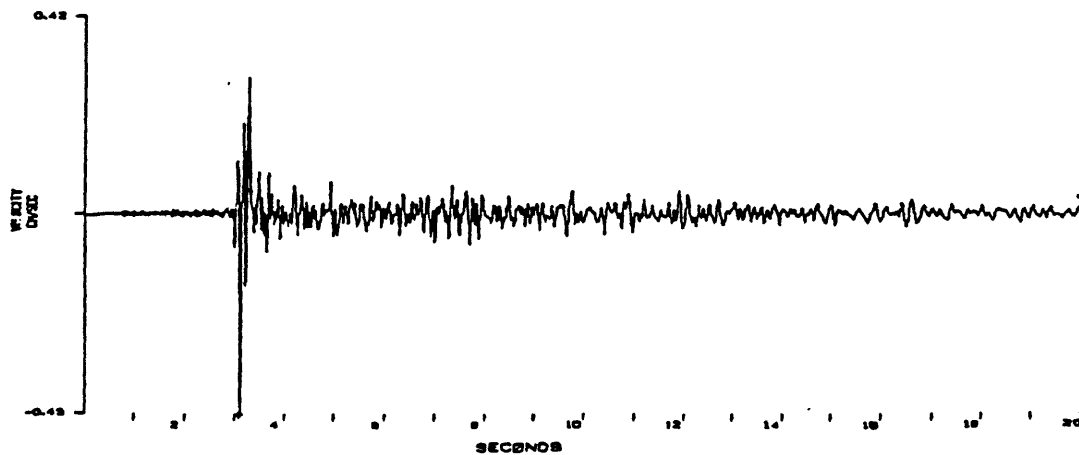
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FBR, VER1



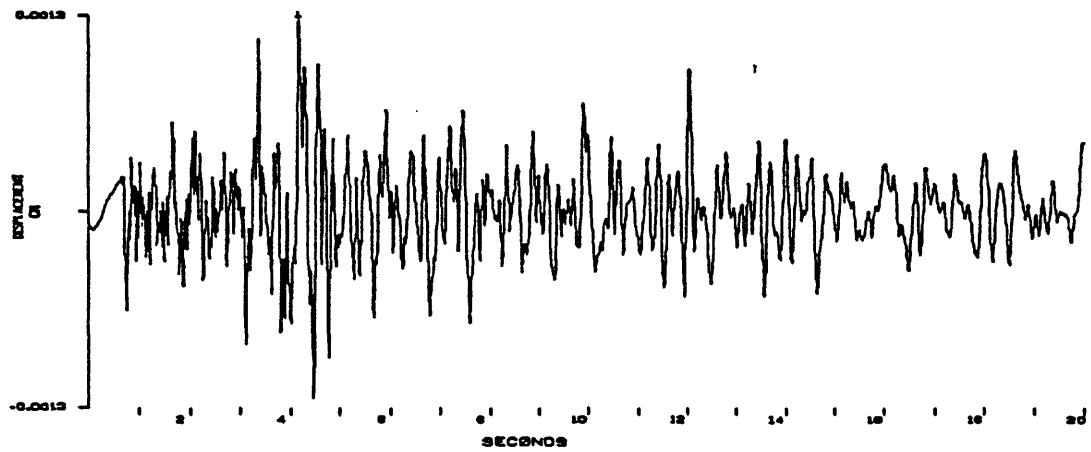
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FBR, D08



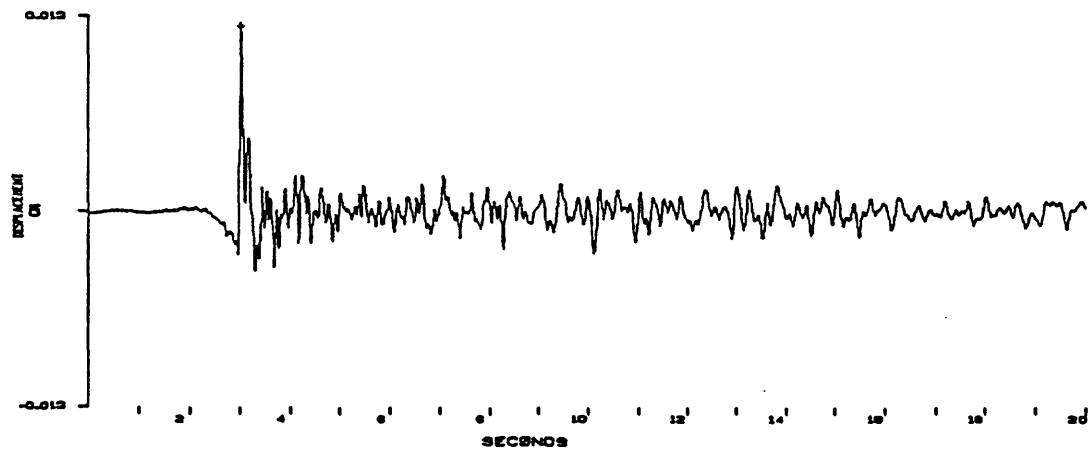
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FBR, D78



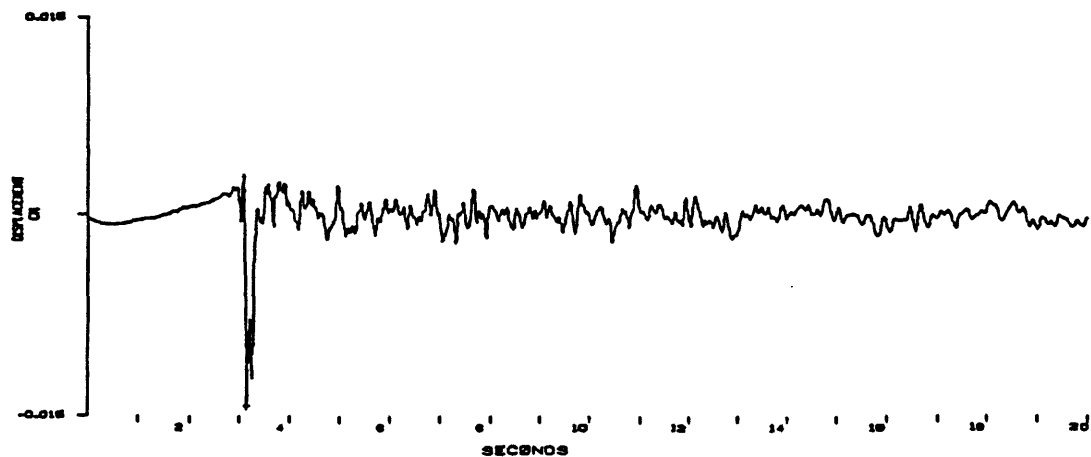
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, VERT



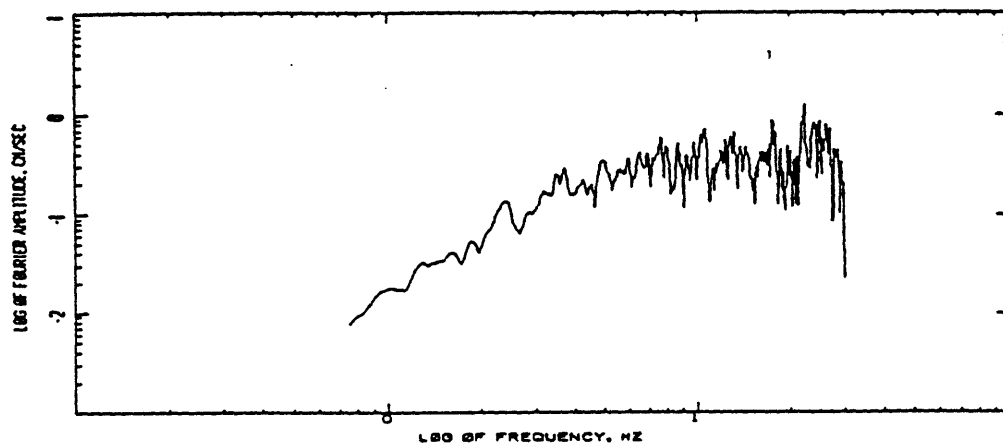
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, BOB



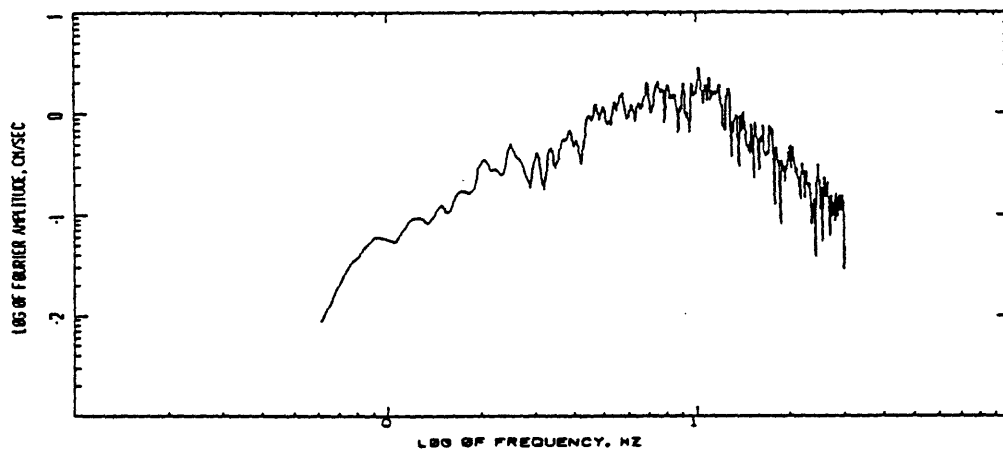
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION FOR, 370



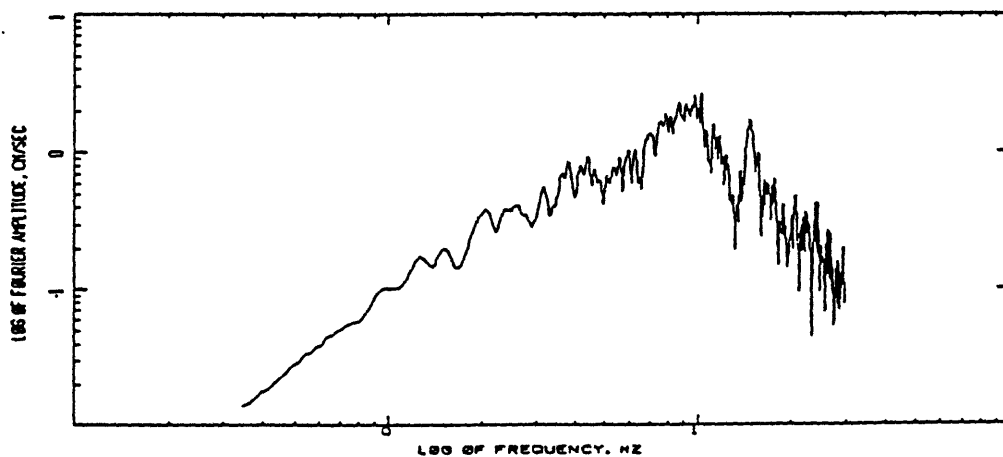
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:04:07 UTC, RL-3.0
 STATION 18A, 100
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



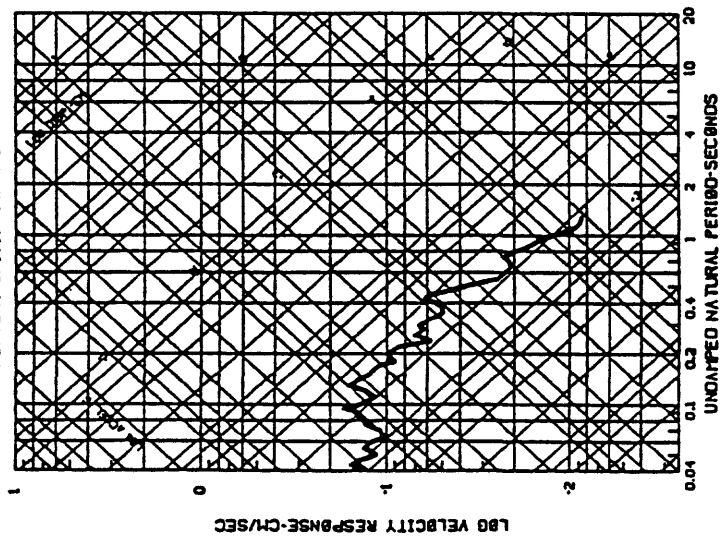
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:04:07 UTC, RL-3.0
 STATION 18A, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



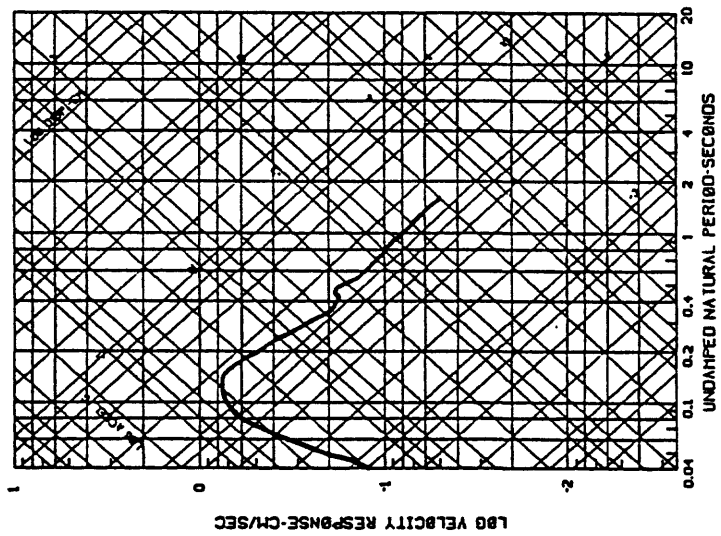
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/20/76, 08:04:07 UTC, RL-3.0
 STATION 18A, 400
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



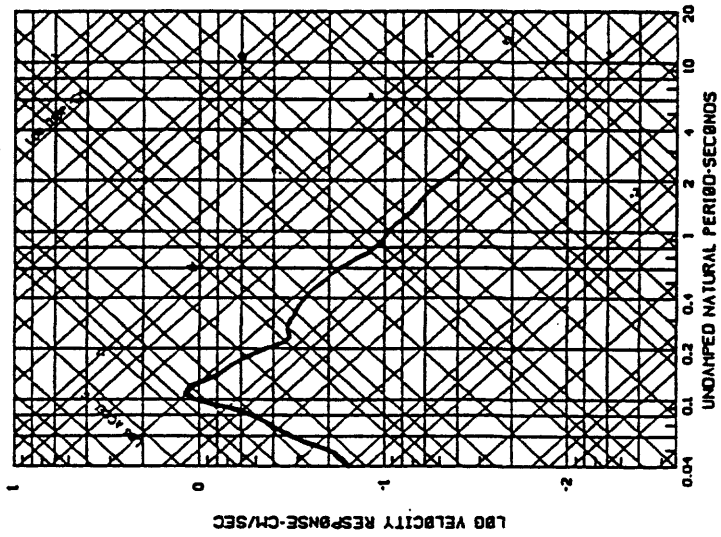
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
STATION FBR, VERT
5 PERCENT CRITICAL DAMPING



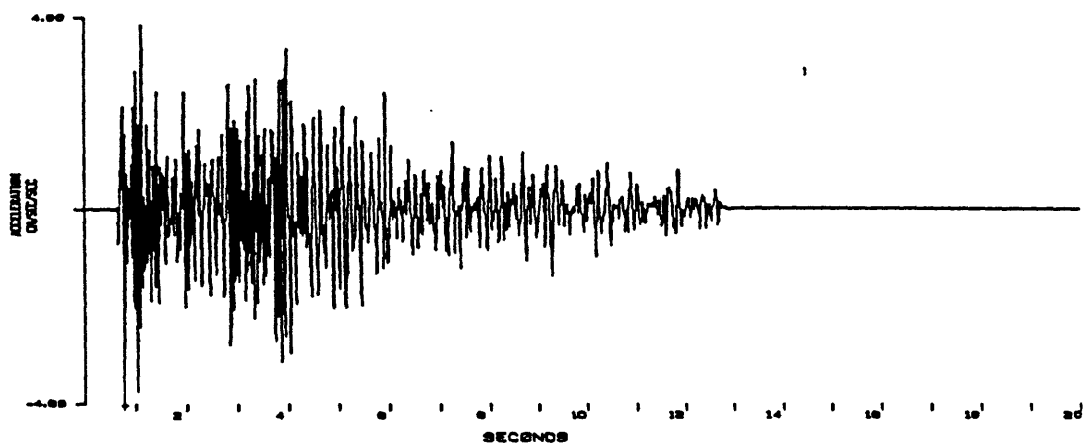
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
STATION FBR, 000
5 PERCENT CRITICAL DAMPING



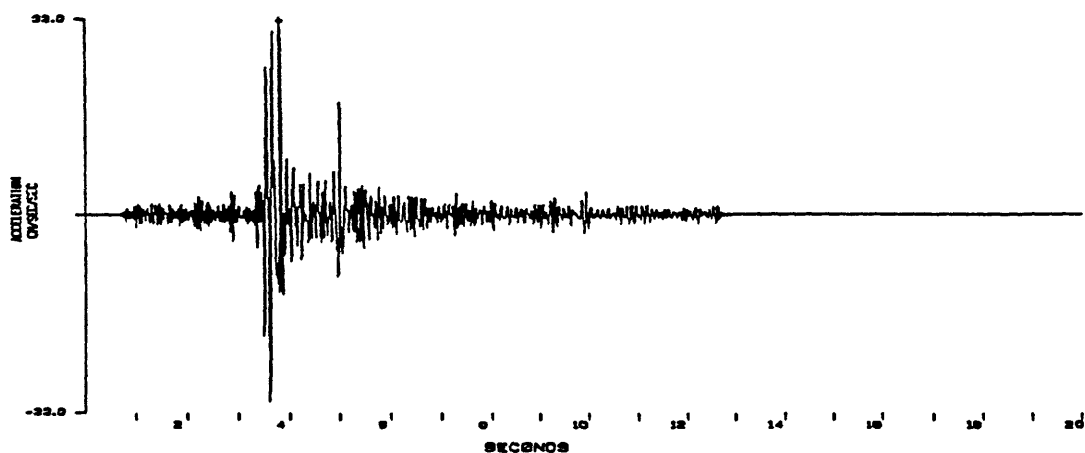
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
STATION FBR, 270
5 PERCENT CRITICAL DAMPING



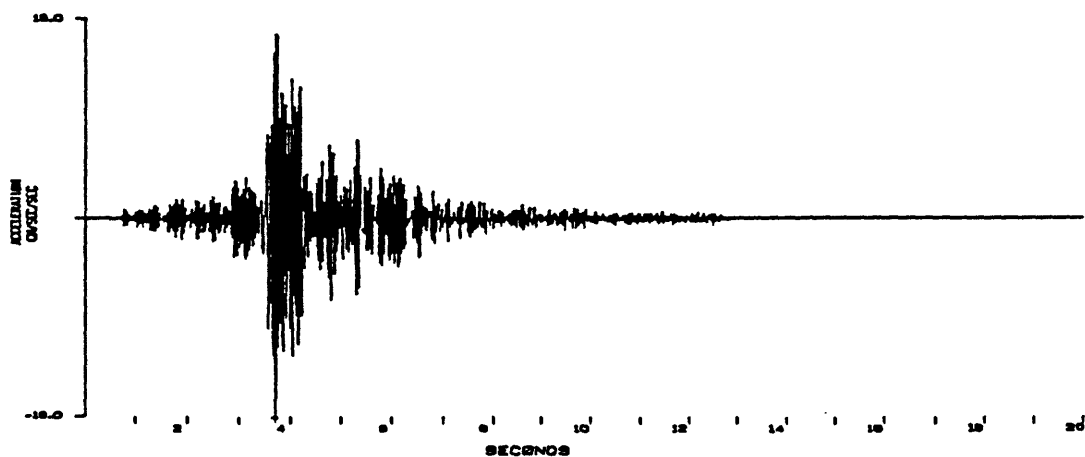
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 045, VERT



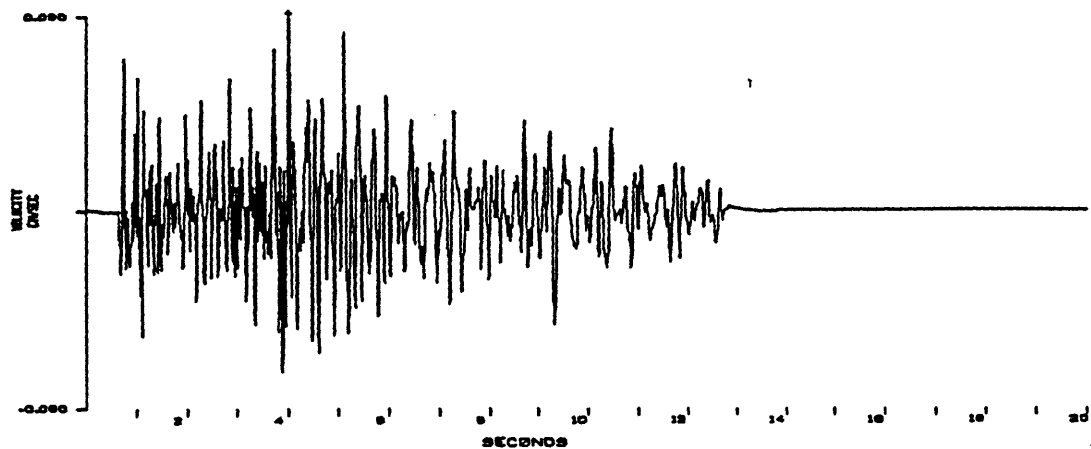
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 045, DOO



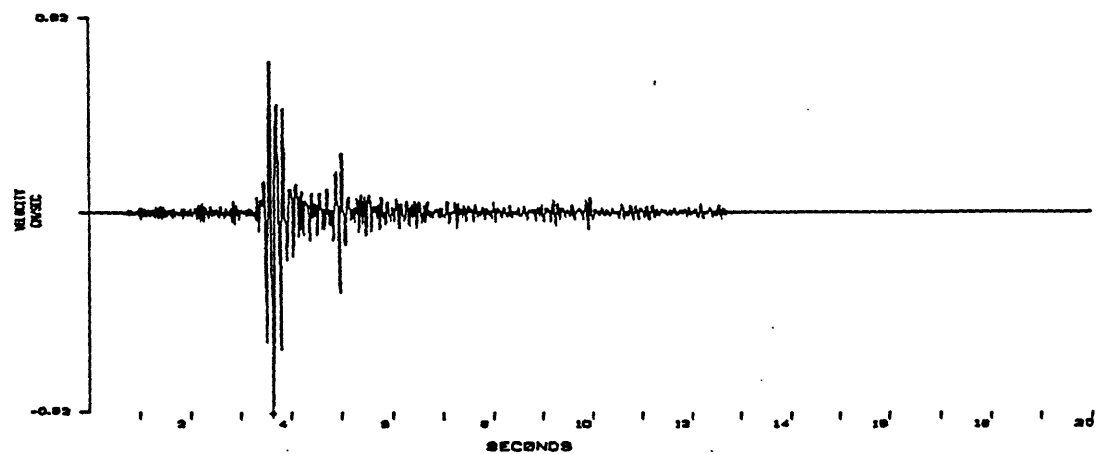
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 045, 278



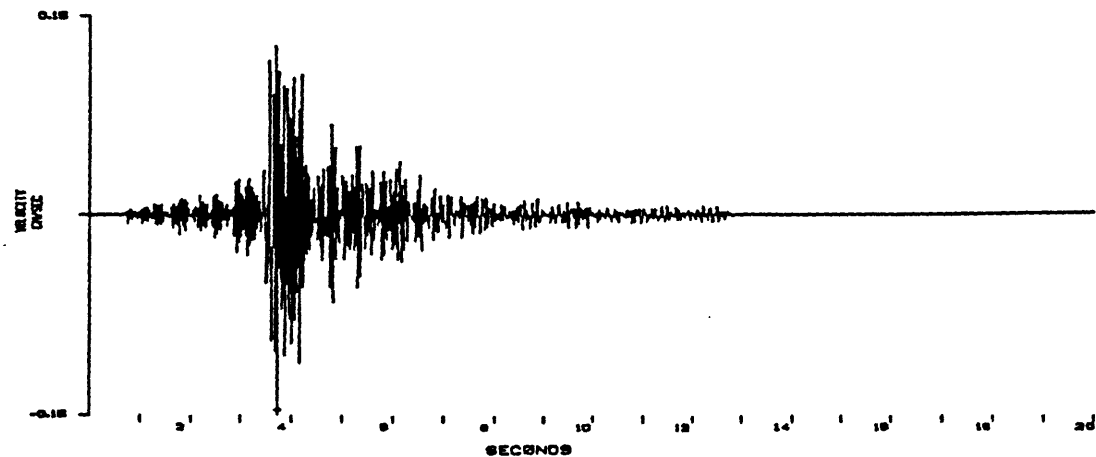
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORS, VERT



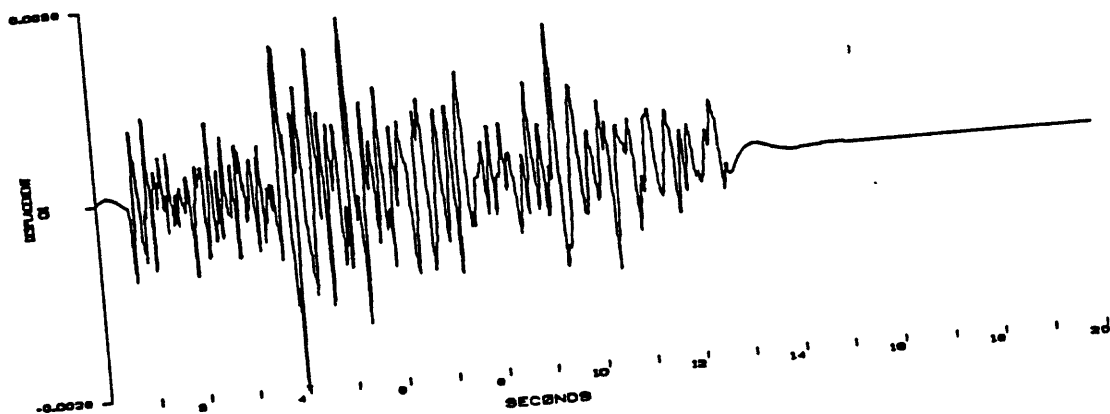
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORS, BOB



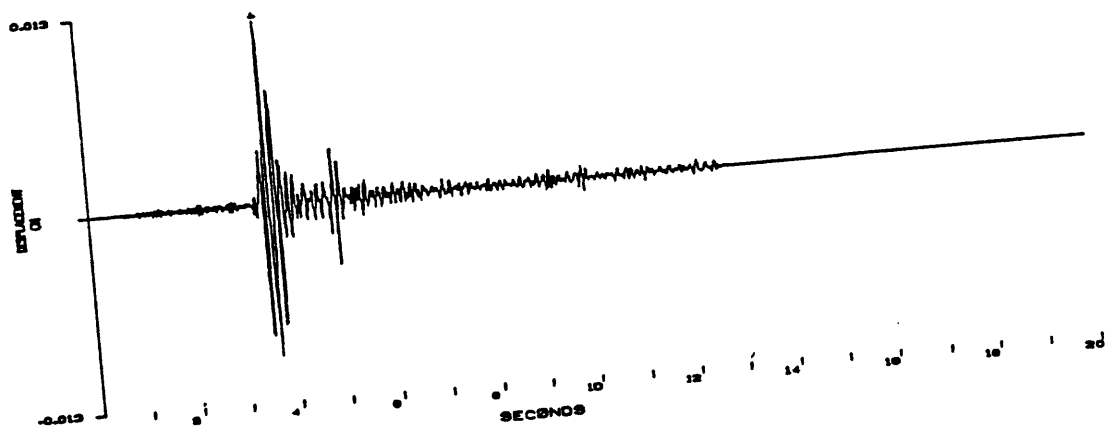
IMPERIAL VALLEY EARTHQUAKE, 10/30/79, 05:04:07 UTC, ML-3.0
STATION ORS, 370



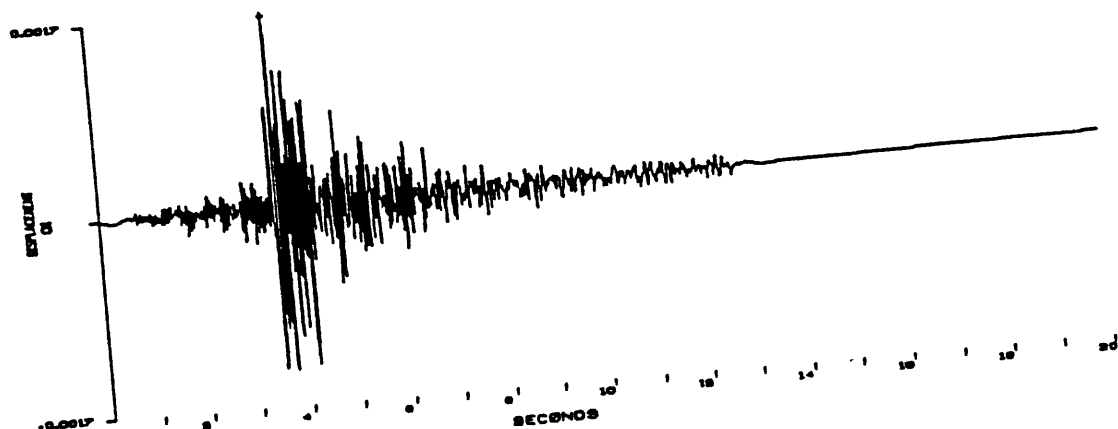
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR2, VERT



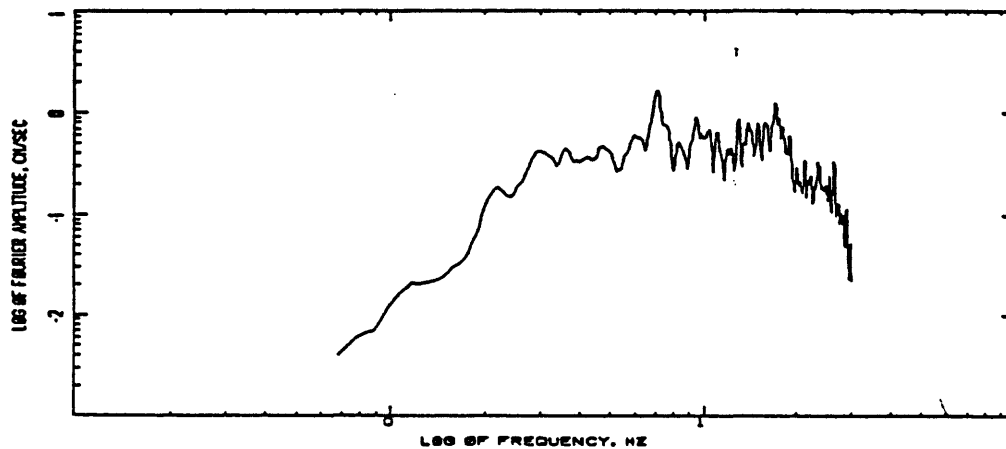
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR6, DOB



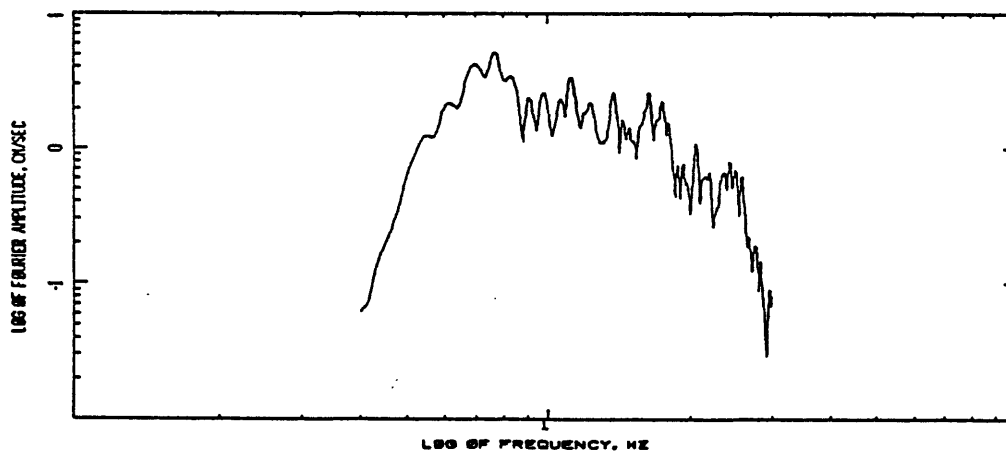
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION GR6, 370



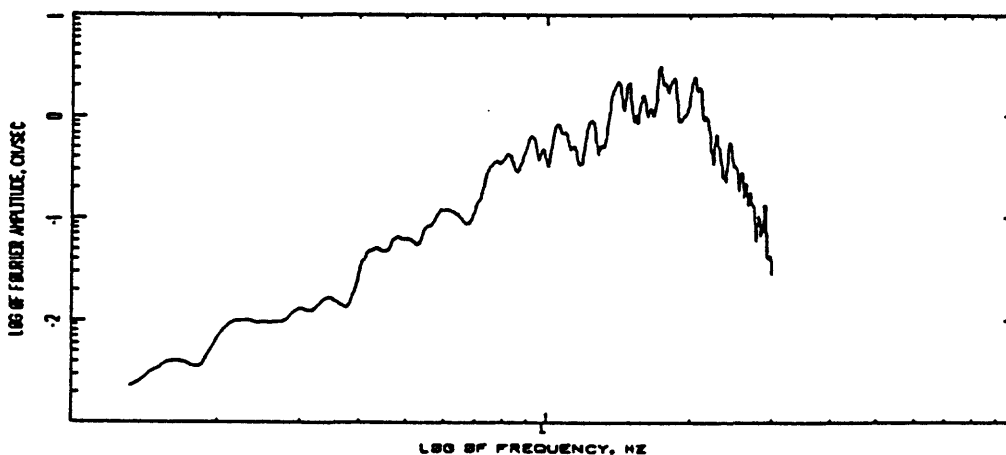
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 107307Z, 05.04.67 UTC, PL-3.0
 STATION 088, 000
 COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NOISE



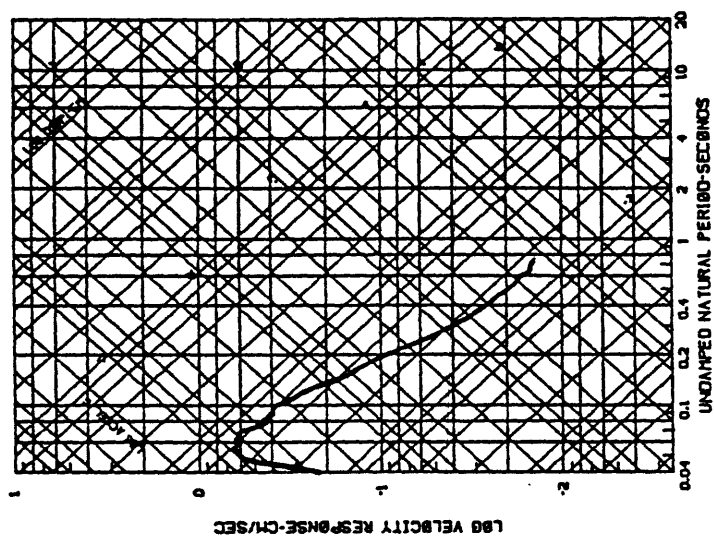
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 107307Z, 05.04.67 UTC, PL-3.0
 STATION 089, 000
 COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NOISE



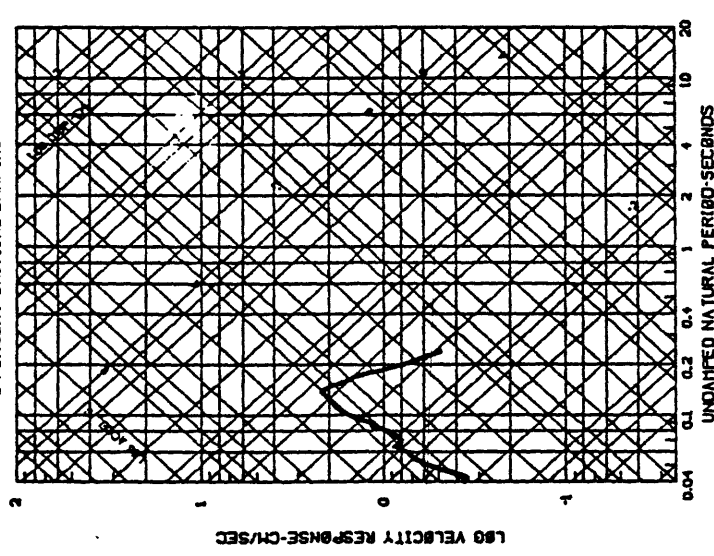
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 107307Z, 05.04.67 UTC, PL-3.0
 STATION 086, 078
 COMPUTING OPTIONS- ZCROSS,SHOOTHKIO,NOISE



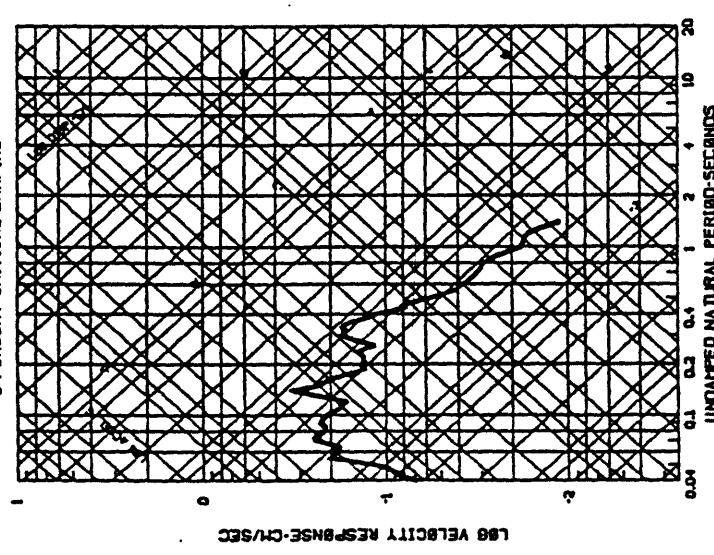
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION GRS-370
 5 PERCENT CRITICAL DAMPING



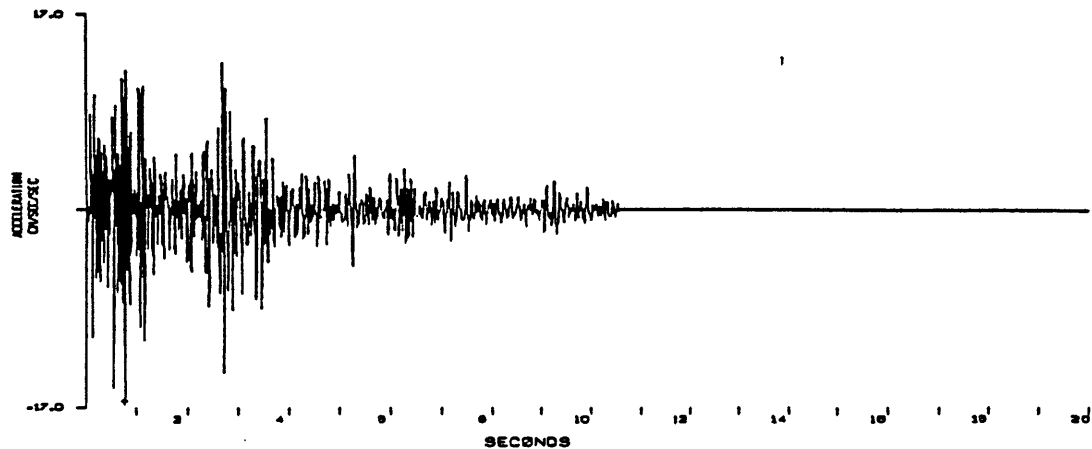
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION GRS-000
 5 PERCENT CRITICAL DAMPING



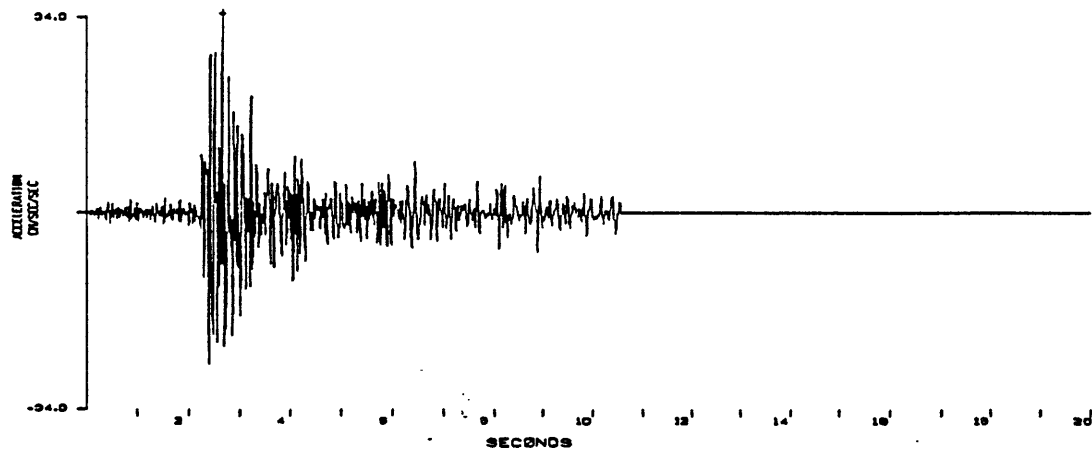
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, NL-3.0
 STATION GRS-VERP
 5 PERCENT CRITICAL DAMPING



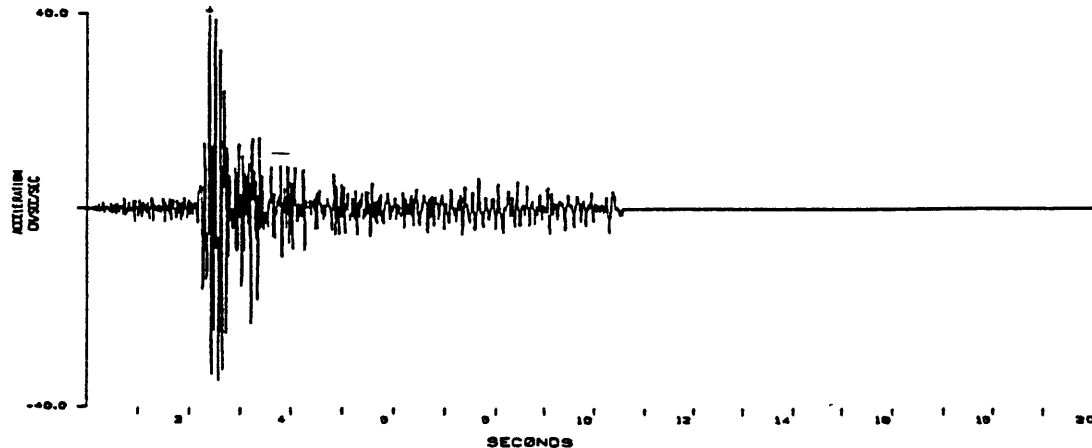
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, VERT



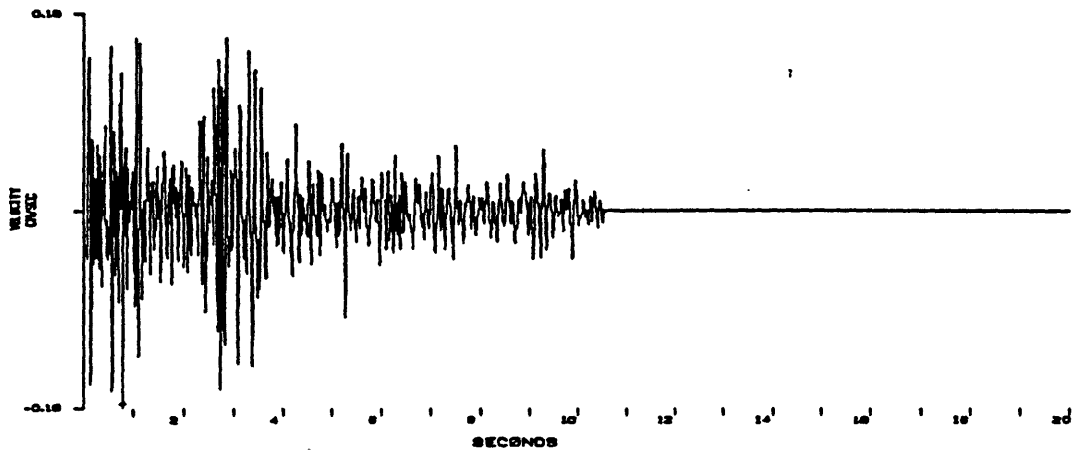
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 270



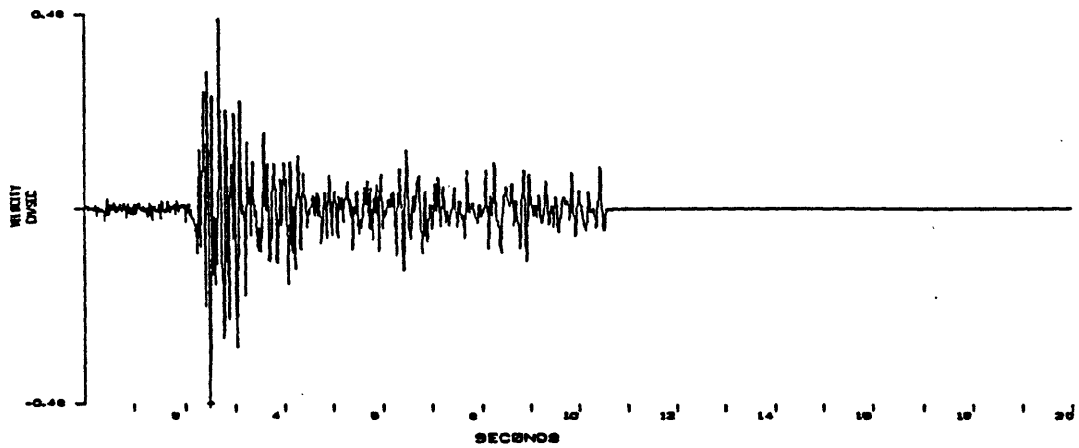
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 000



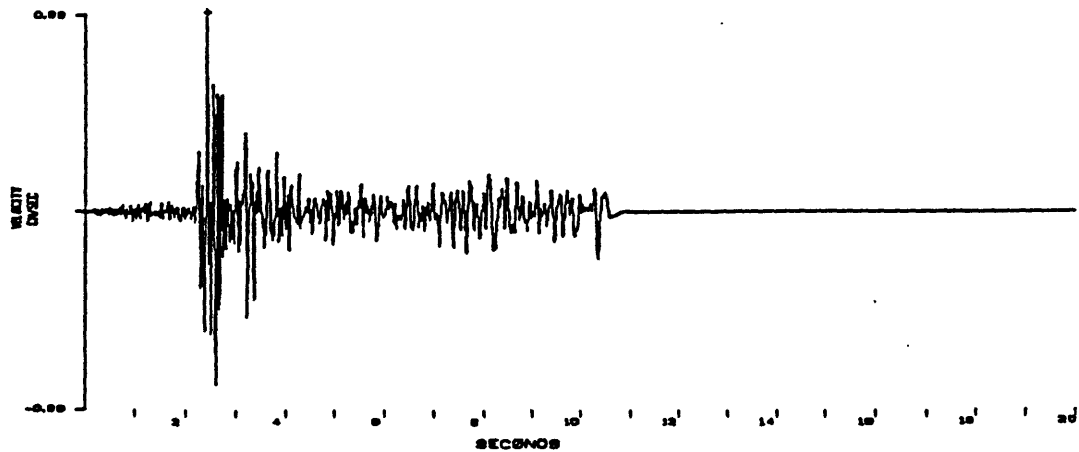
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, VERT



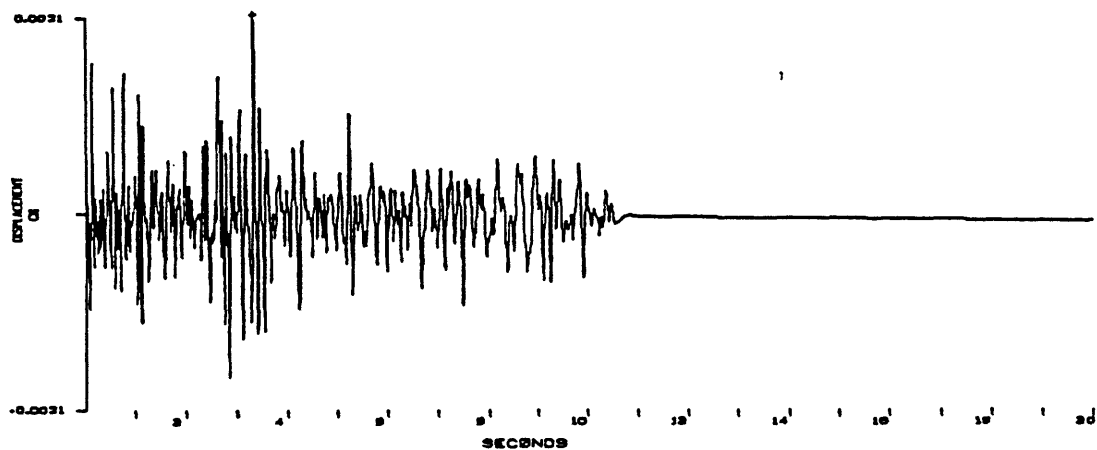
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 578



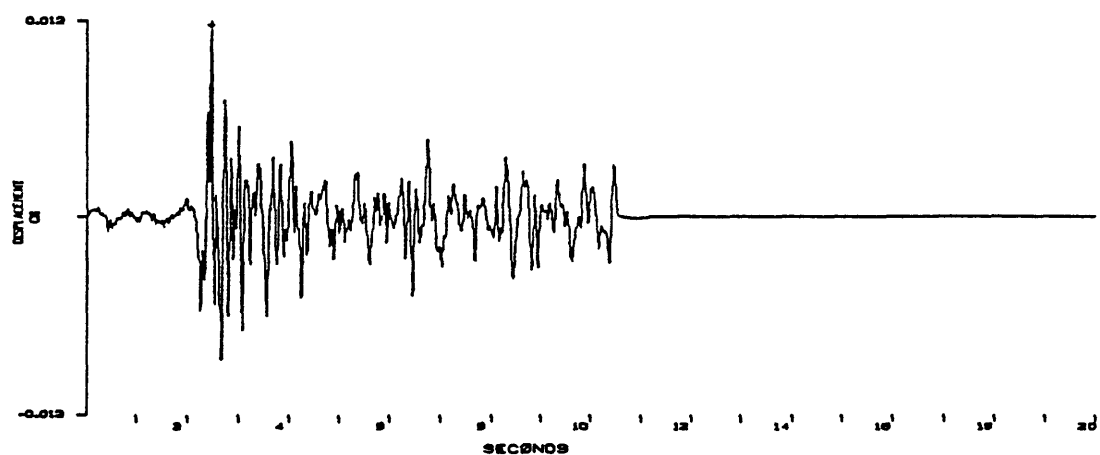
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 588



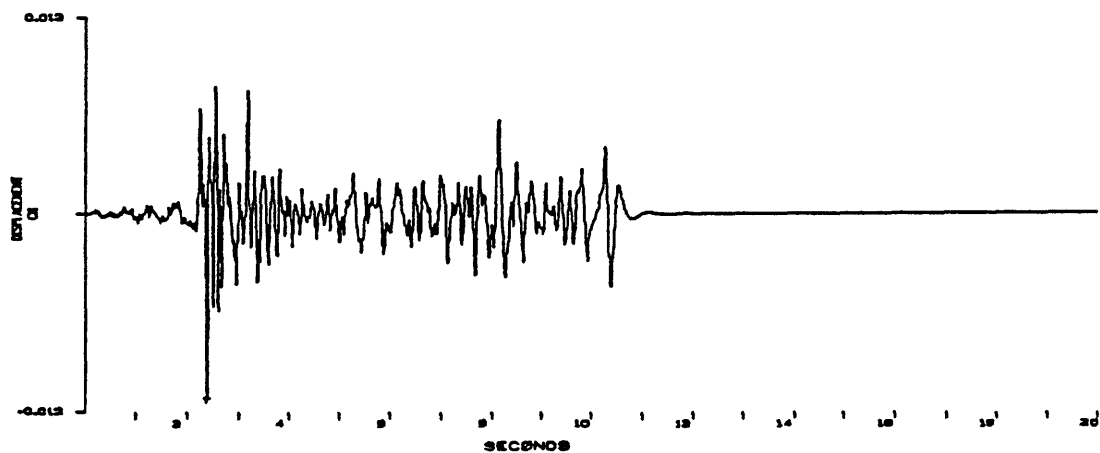
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, VERT



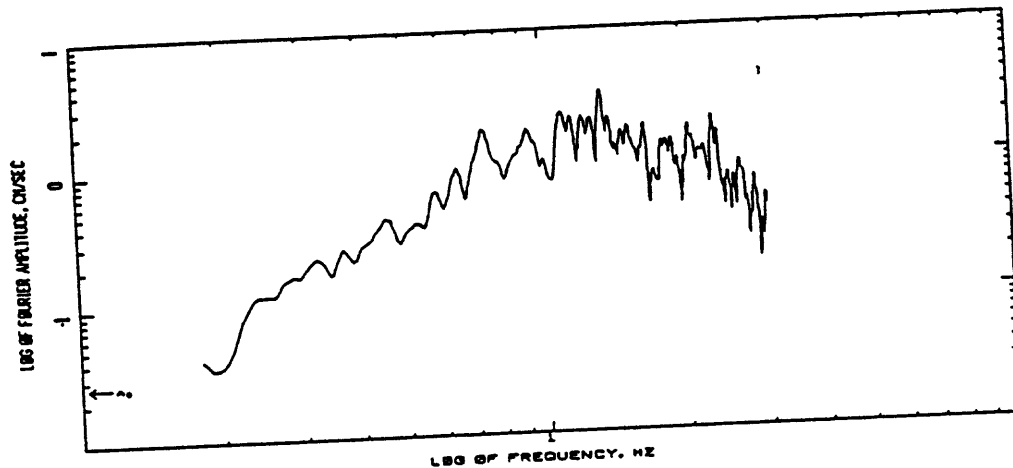
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 278



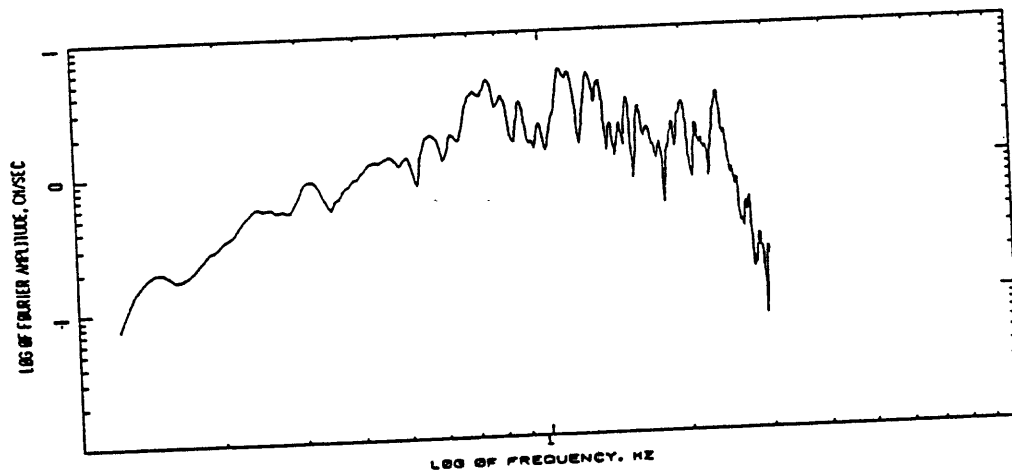
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION KVR, 608



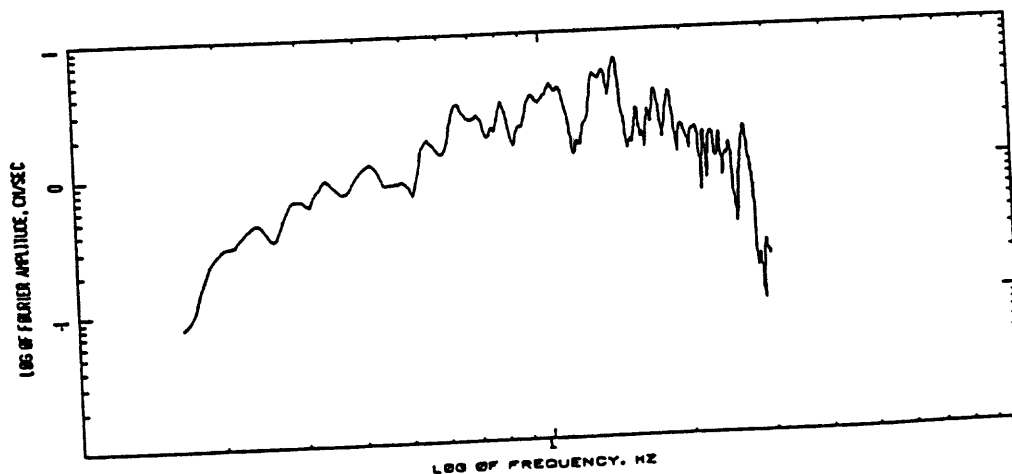
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE-10/20/79 08:02:10Z UTC. PL-3.0
 STATION XVA. DOB
 COMPUTING OPTIONS- ZCRSS6.6H00TH101.N0N0ISE



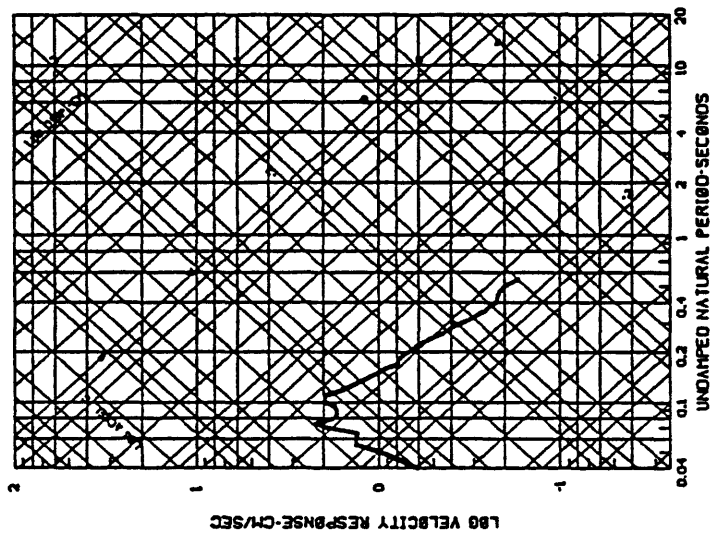
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE-10/20/79 08:02:10Z UTC. PL-3.0
 STATION XVA. DOB
 COMPUTING OPTIONS- ZCRSS6.6H00TH101.N0N0ISE



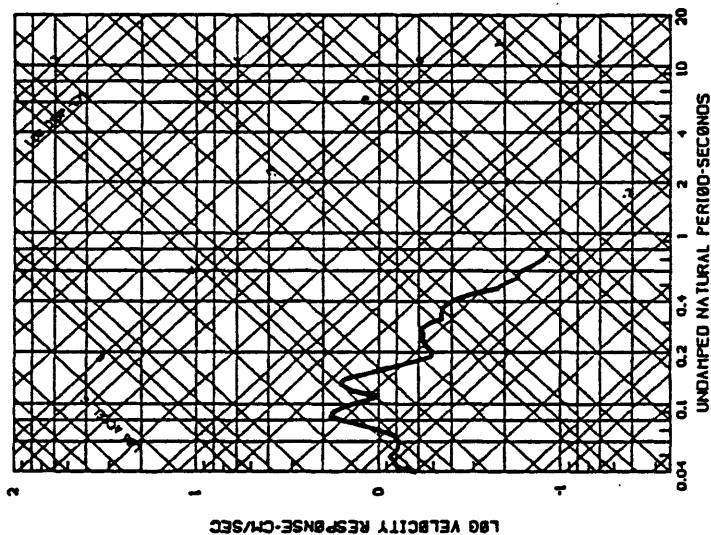
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE-10/20/79 08:02:10Z UTC. PL-3.0
 STATION XVA. DOB
 COMPUTING OPTIONS- ZCRSS6.6H00TH101.N0N0ISE



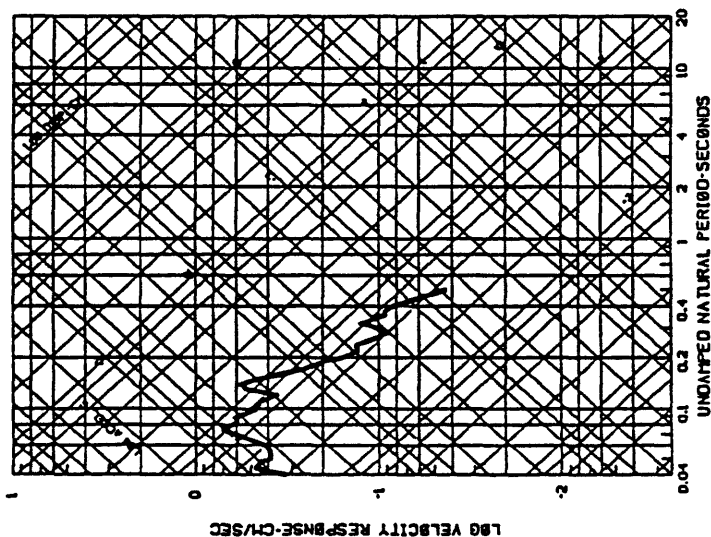
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 67R, 000
5 PERCENT CRITICAL DAMPING



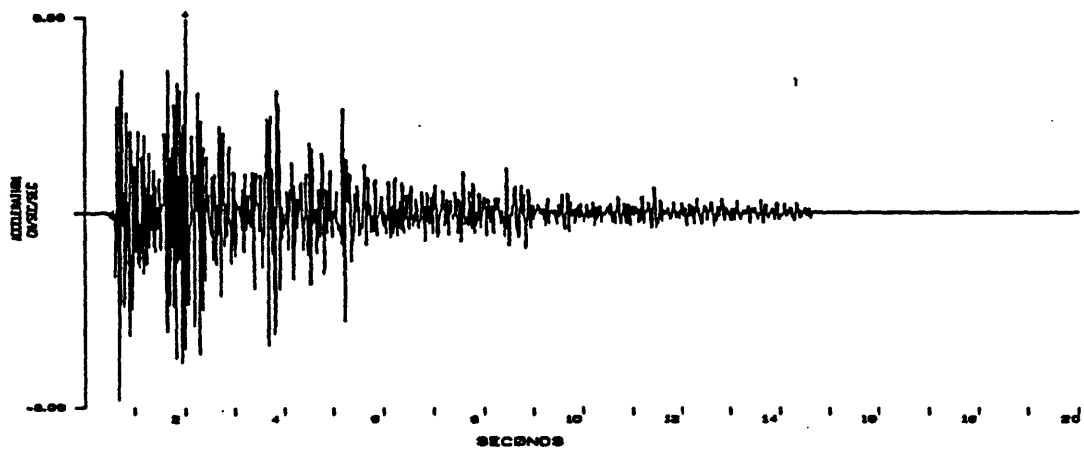
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 67R, 270
5 PERCENT CRITICAL DAMPING



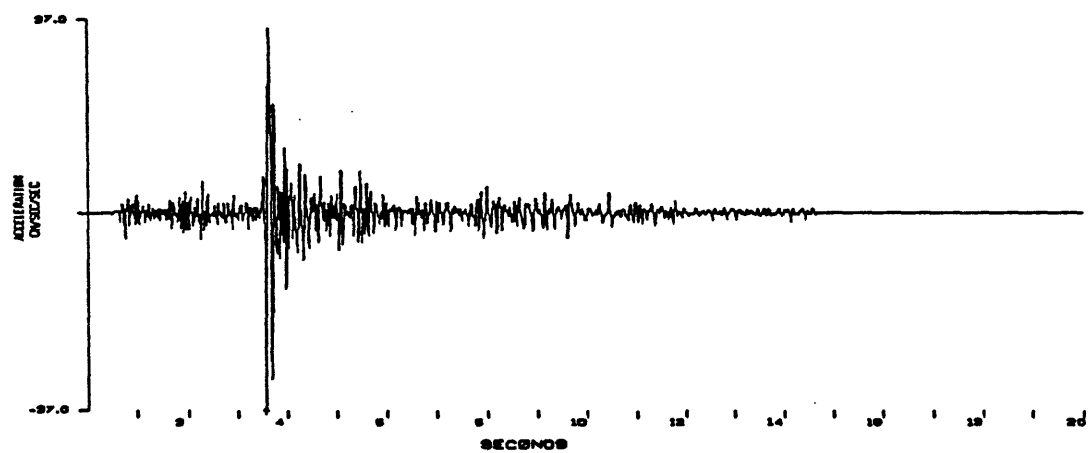
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION 67R, 360
5 PERCENT CRITICAL DAMPING



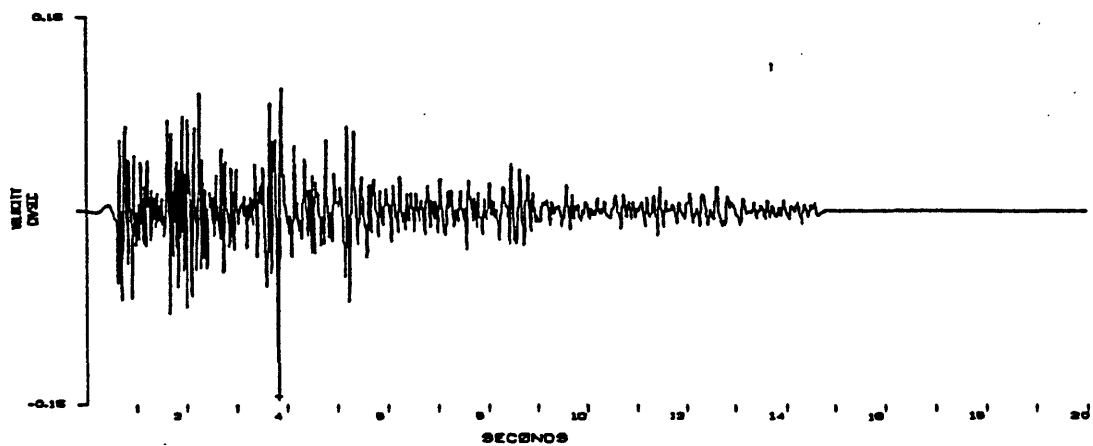
IMPERIAL VALLEY EARTHQUAKE 10/20/79, 08:04:07 UTC, ML-3.0
STATION RVR, VER



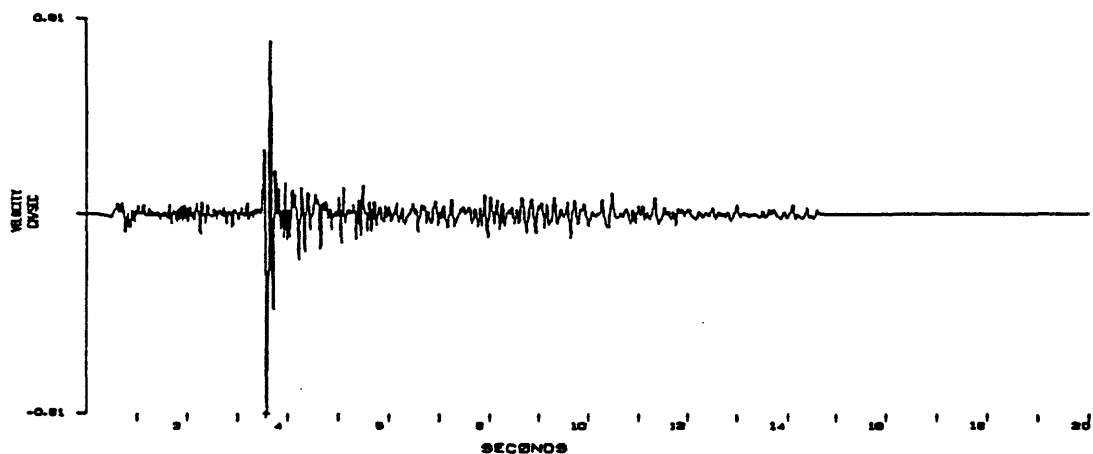
IMPERIAL VALLEY EARTHQUAKE 10/20/79, 08:04:07 UTC, ML-3.0
STATION RVR, 270



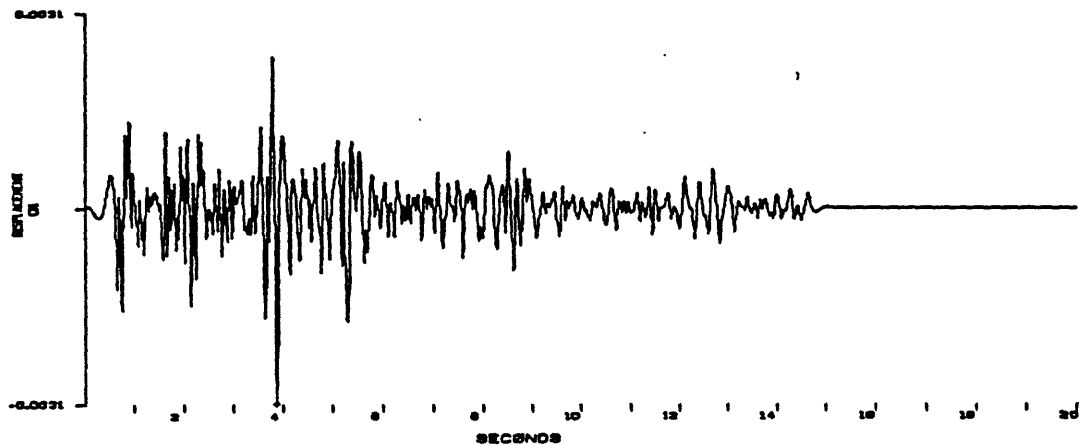
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION RVR, VERT



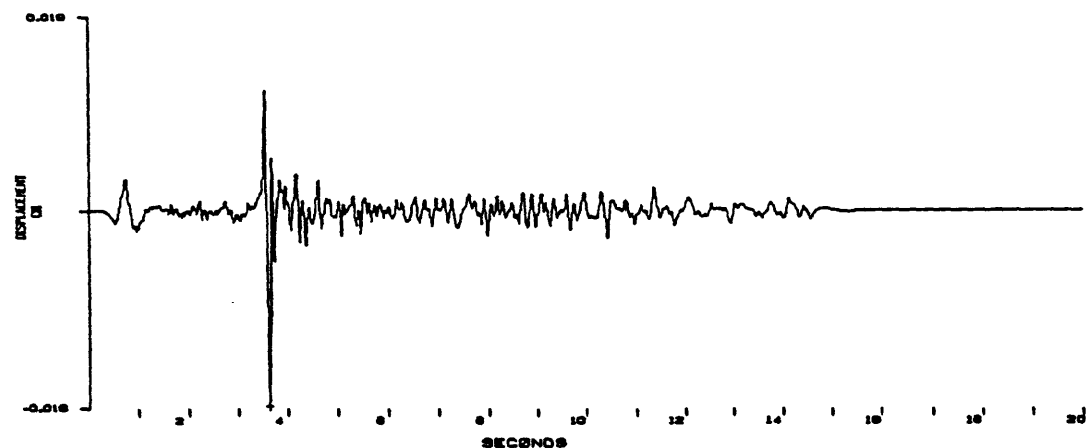
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 05:04:07 UTC, ML-3.0
STATION RVR, 278



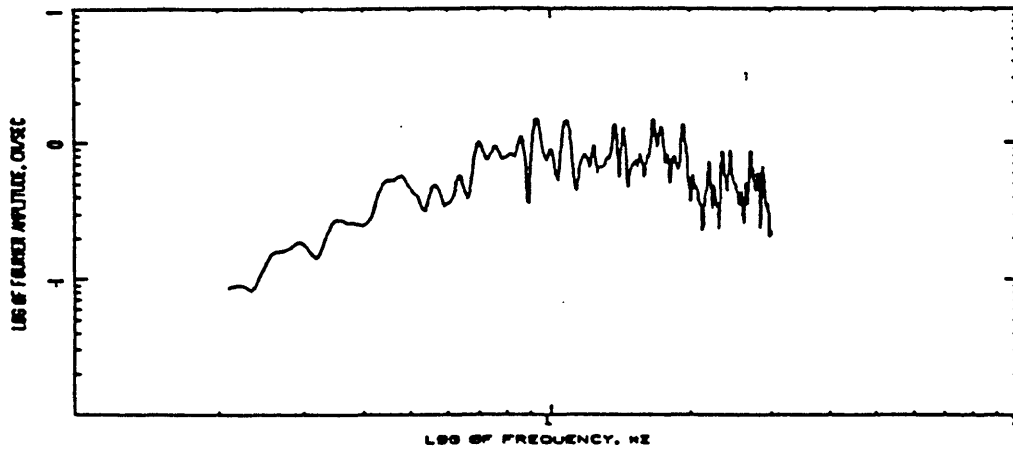
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION RVK, VERT



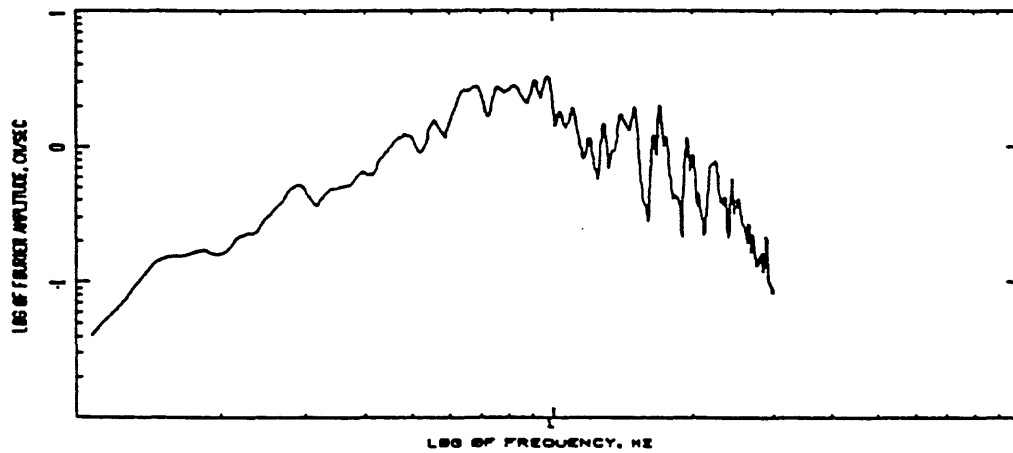
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
STATION RVK, HZ



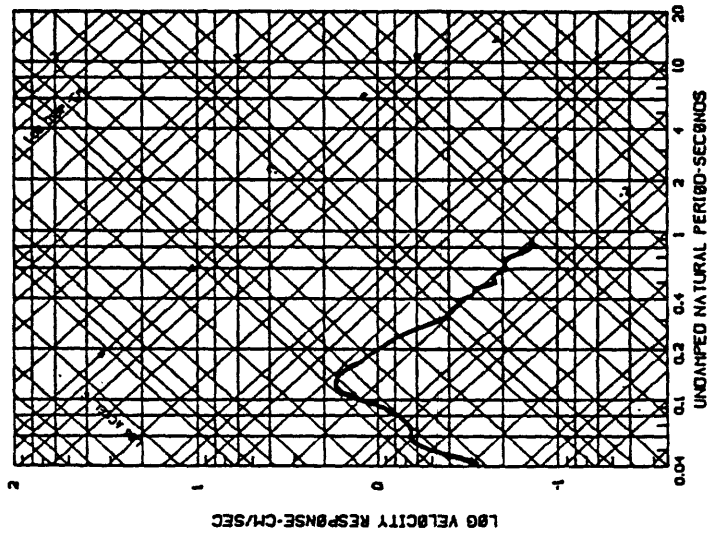
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1940, STATION #1, 0.5% DUCTILITY, RL-3.0
 COMPUTING OPTIONS- ZCROSS, SMOOTH, NOISE



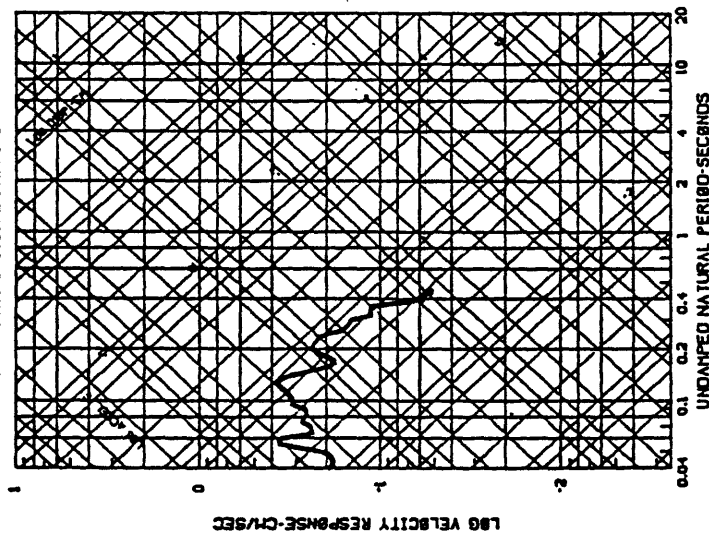
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1940, STATION #1, 0.5% DUCTILITY, RL-3.0
 COMPUTING OPTIONS- ZCROSS, SMOOTH, NOISE



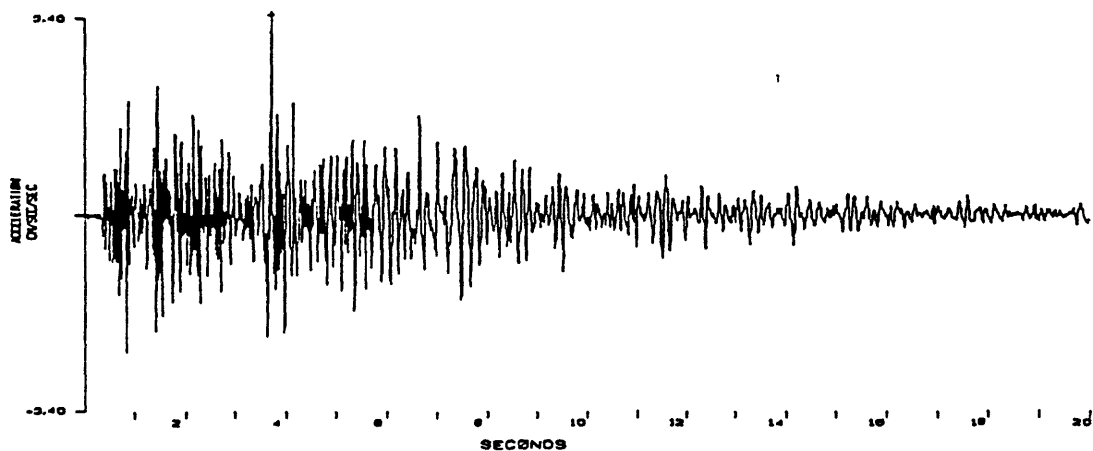
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
 STATION 8VR, 270
 5 PERCENT CRITICAL DAMPING



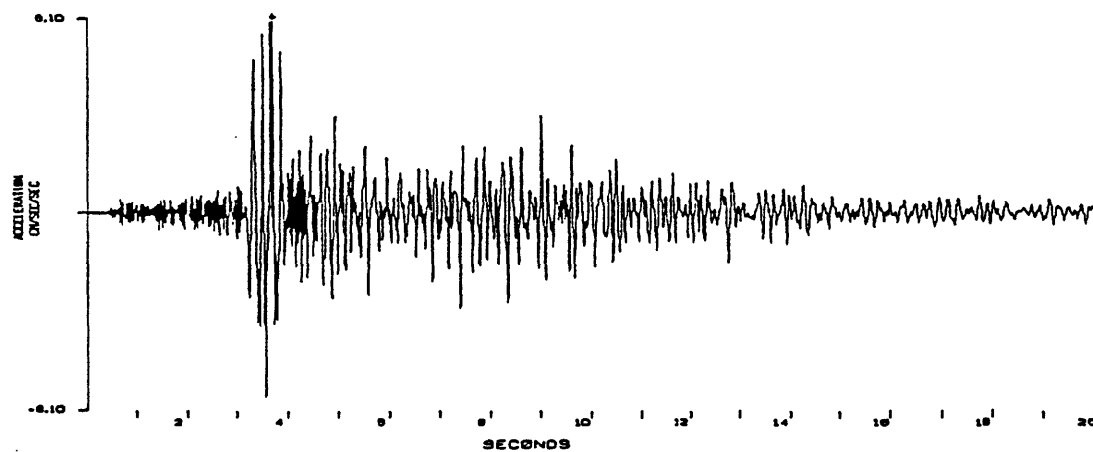
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
 STATION 8VR, 270
 5 PERCENT CRITICAL DAMPING



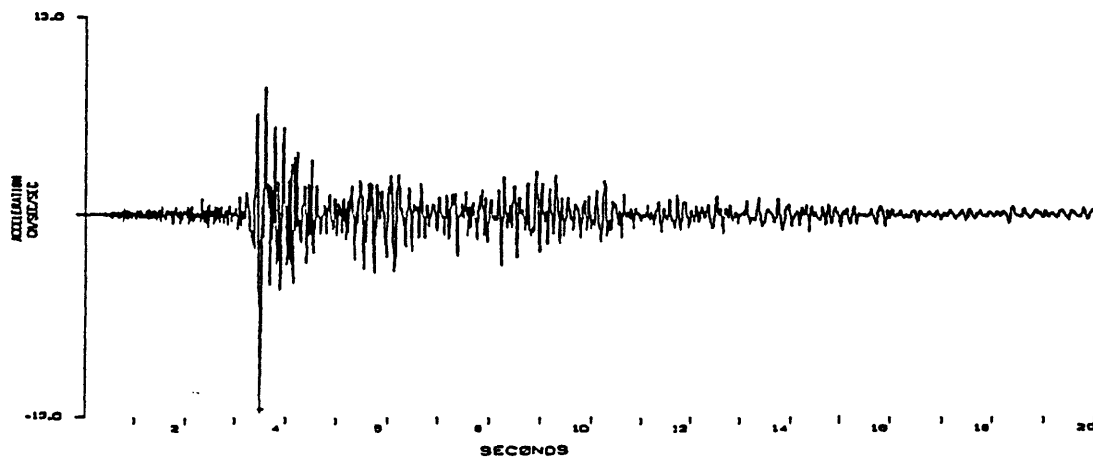
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, VER



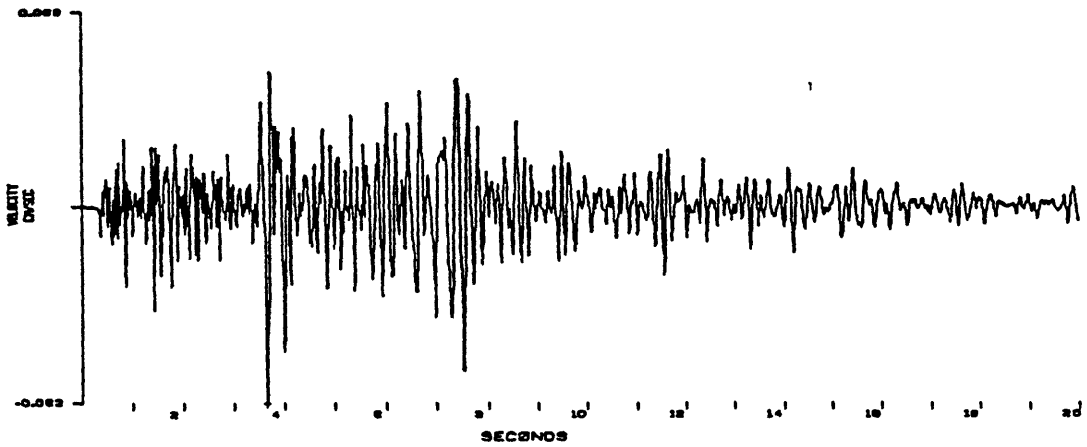
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, DGG



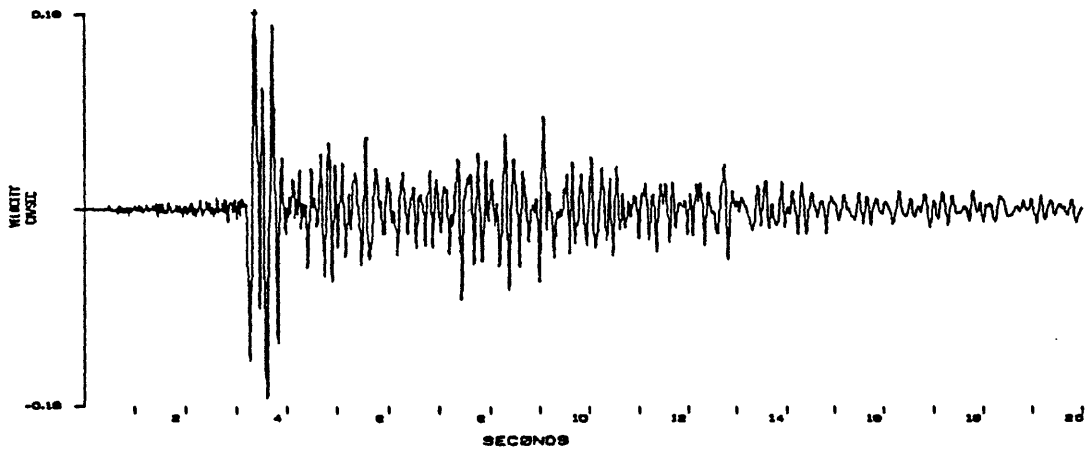
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, 270



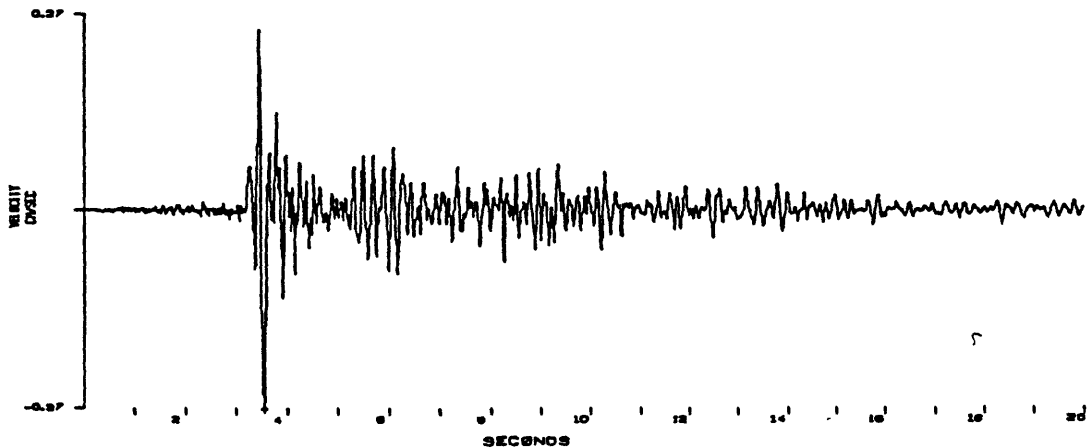
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, VERT



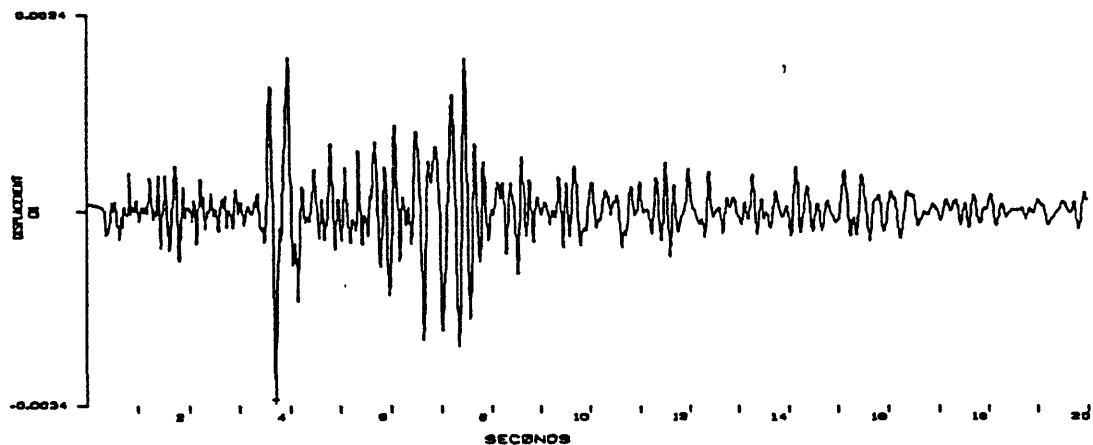
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, 000



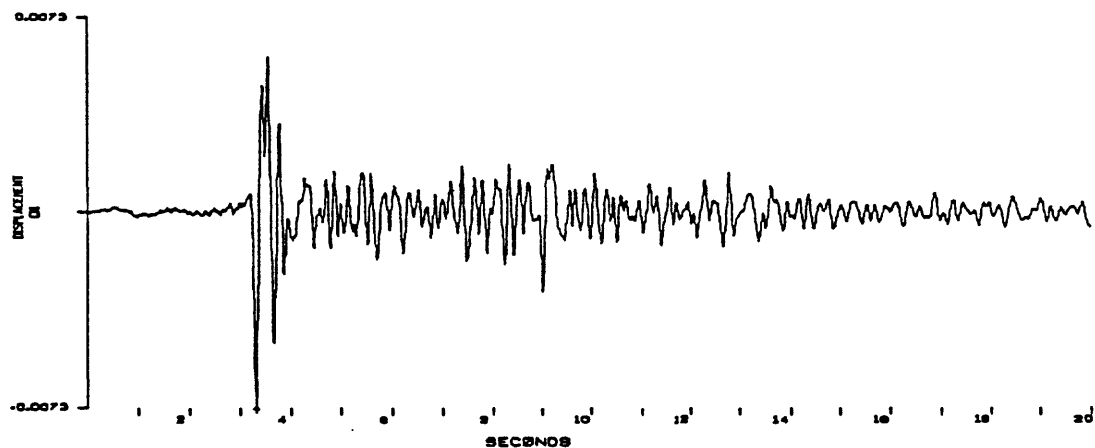
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, 270



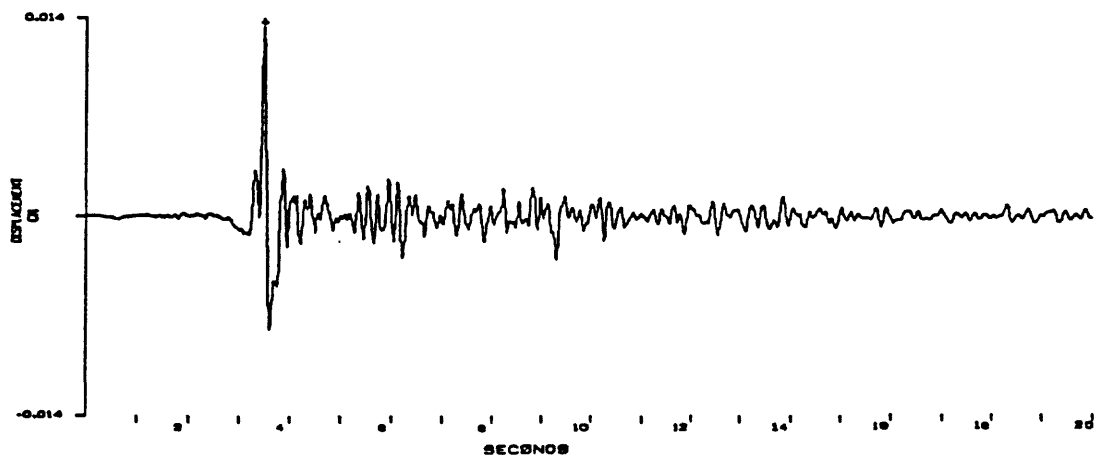
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, VERT



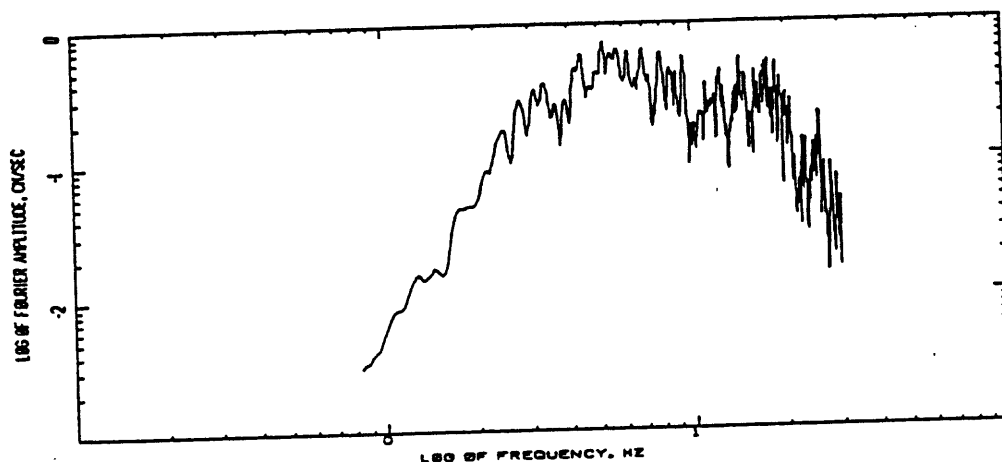
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, 000



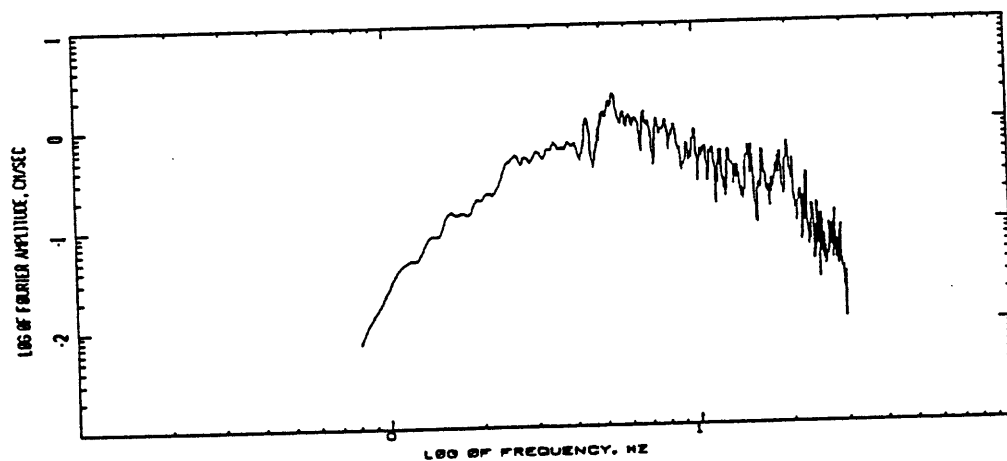
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML=3.0
STATION SLD, 270



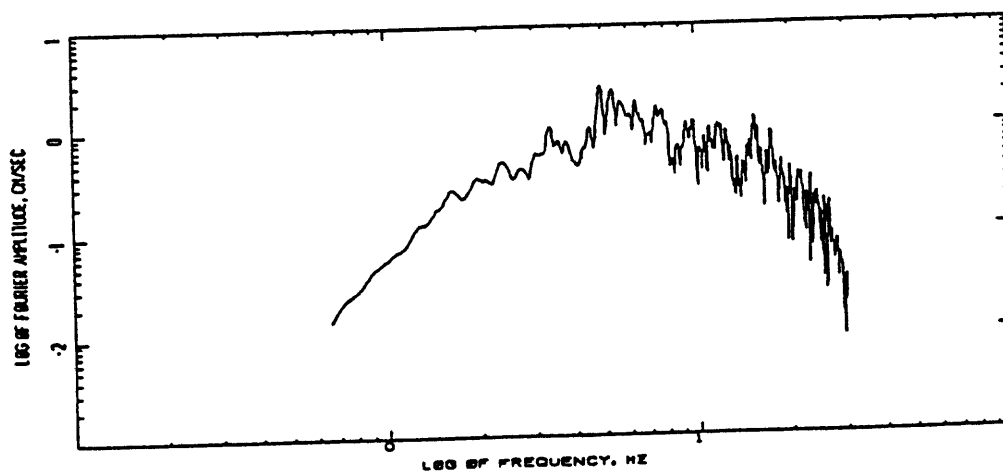
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/30/76, 05:04:07 UTC, ML-3.0
 STATION SLD-000
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



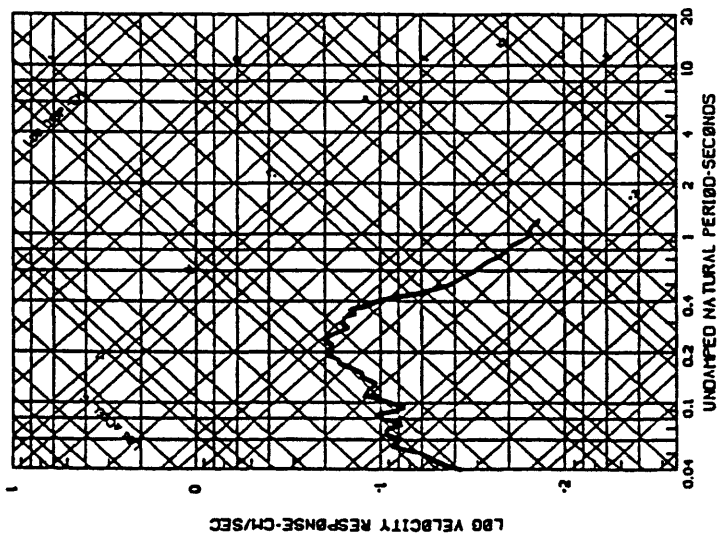
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/30/76, 05:04:07 UTC, ML-3.0
 STATION SLD-000
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



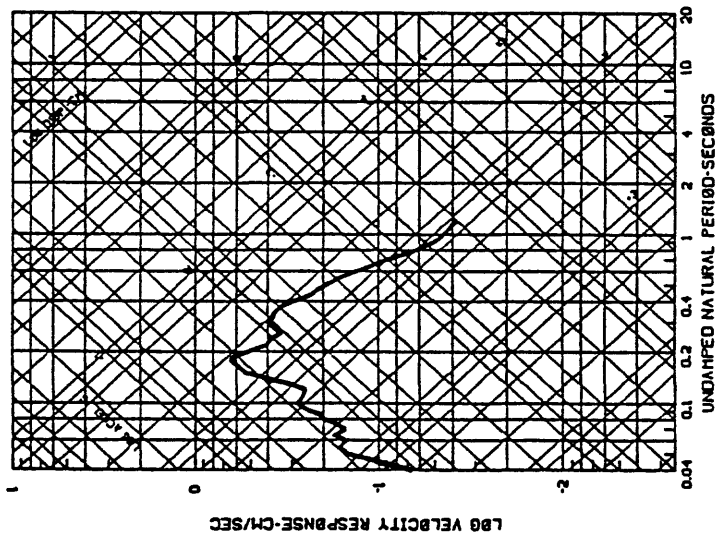
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/30/76, 05:04:07 UTC, ML-3.0
 STATION SLD-000
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



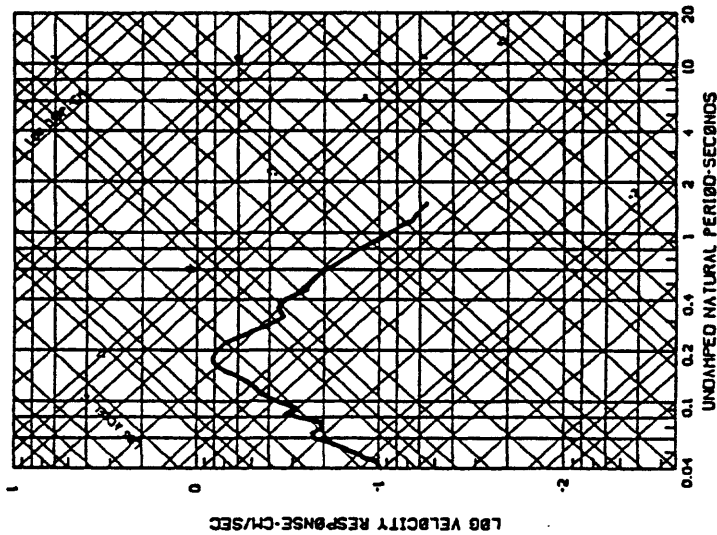
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
 STATION SLD, VERT
 5 PERCENT CRITICAL DAMPING



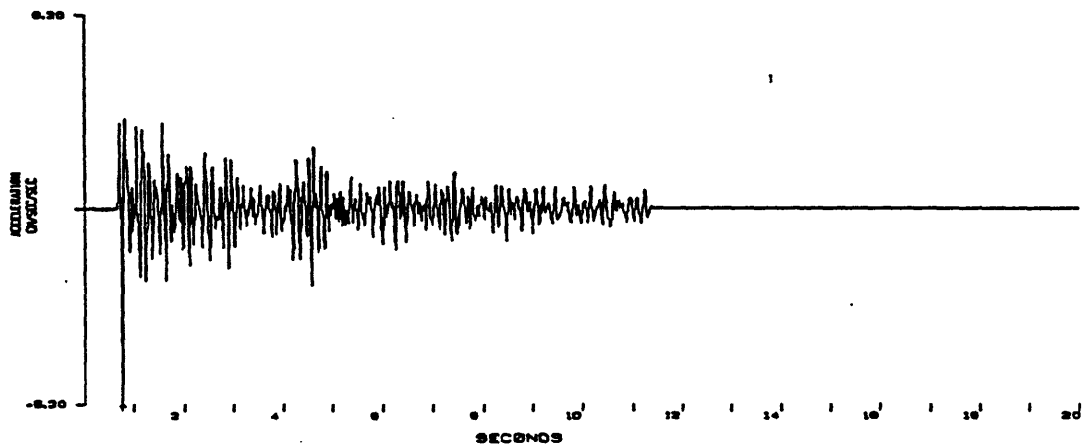
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
 STATION SLD, HOR
 5 PERCENT CRITICAL DAMPING



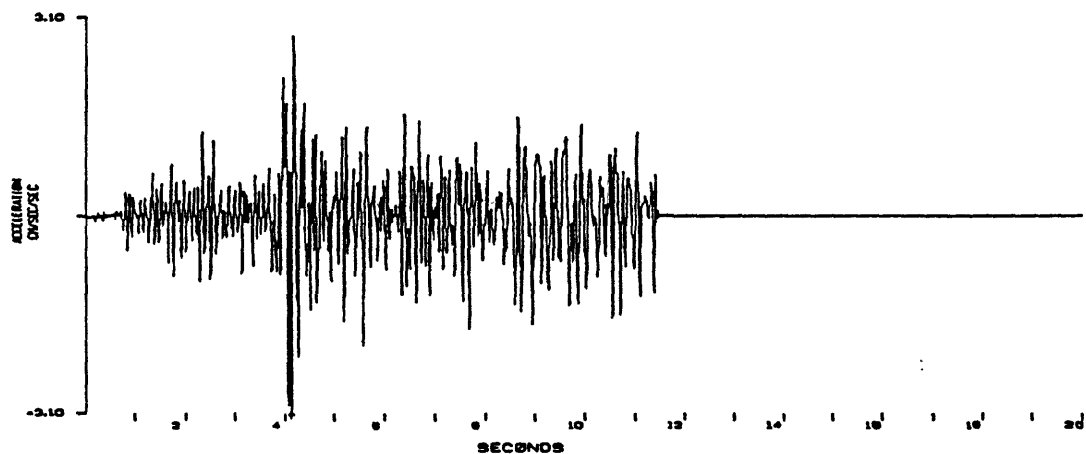
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 05:04:07 UTC, ML-3.0
 STATION SLD, 270
 5 PERCENT CRITICAL DAMPING



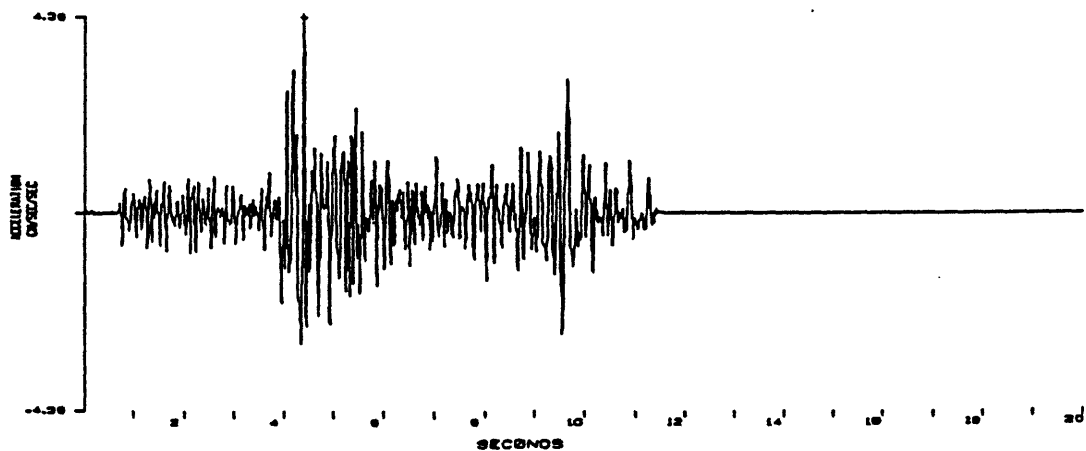
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, VER1



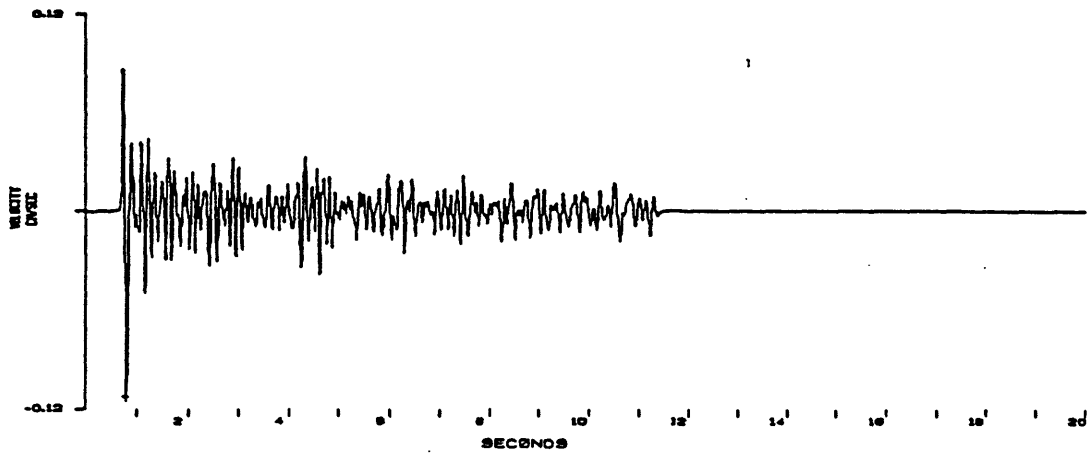
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, D00



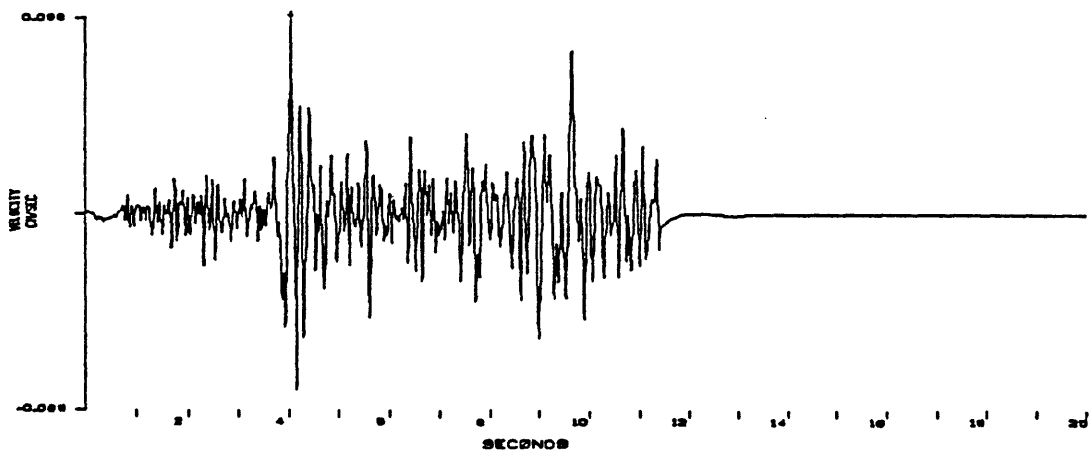
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFS, 270



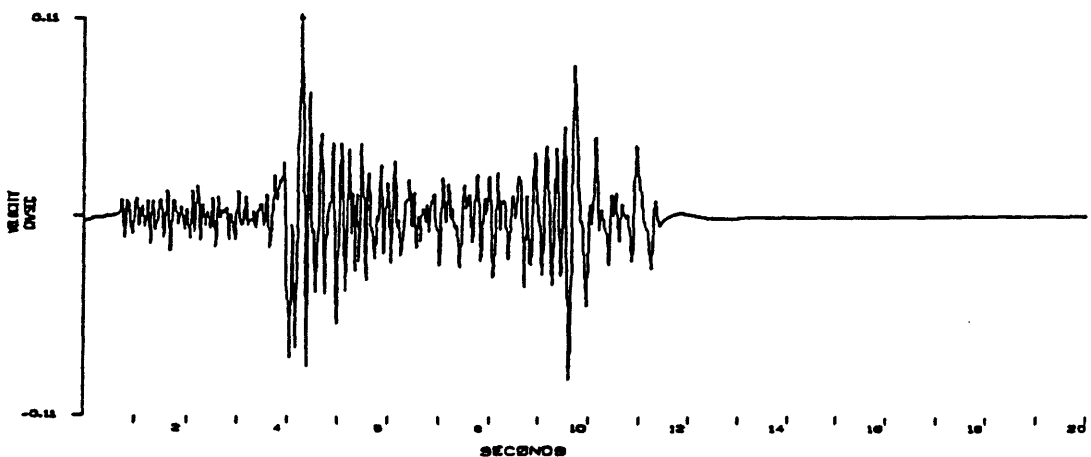
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, VERT



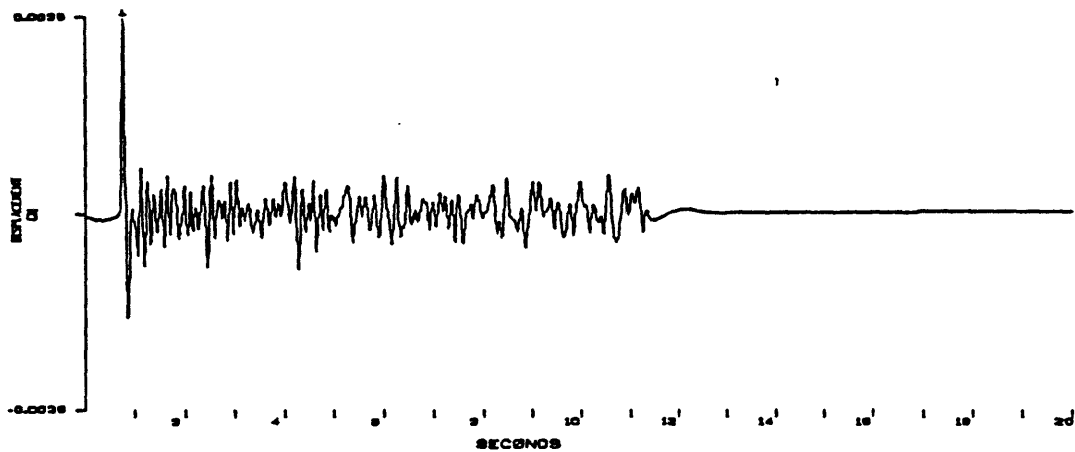
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, DOO



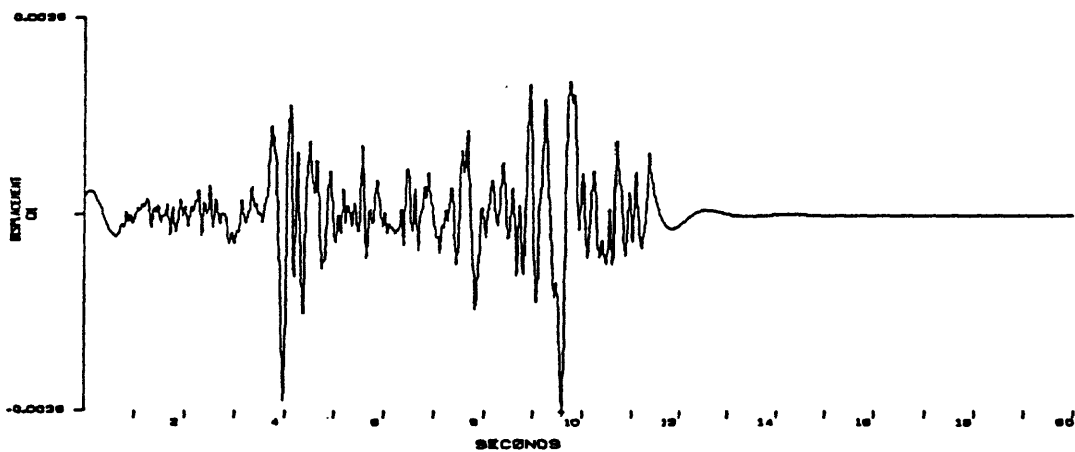
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION AFB, 370



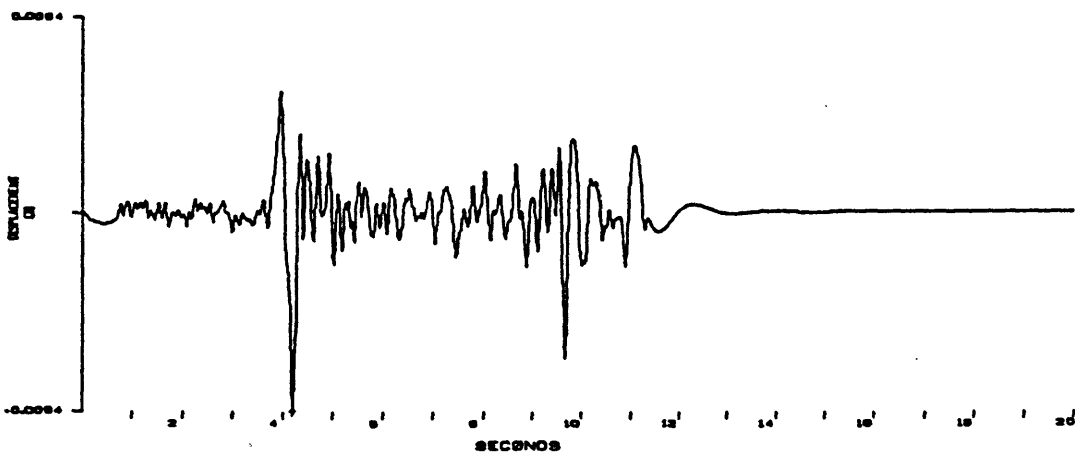
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFS, VERT



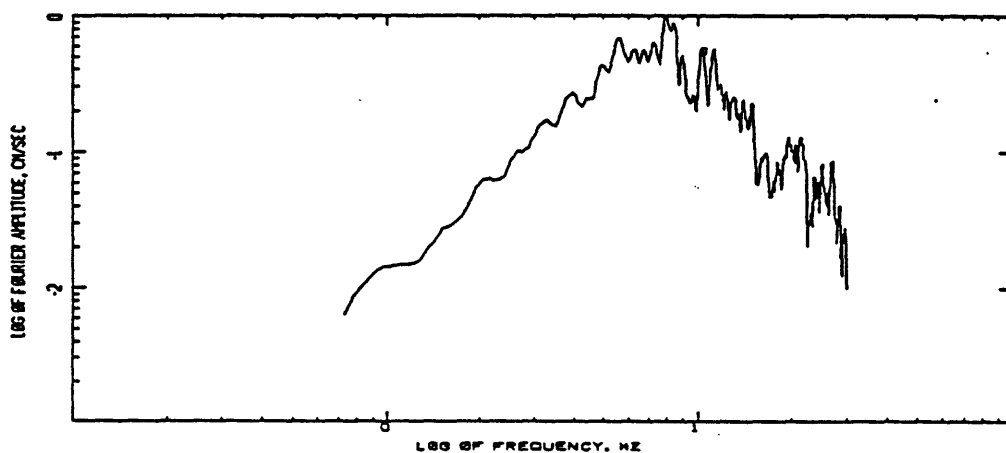
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFS, DOO



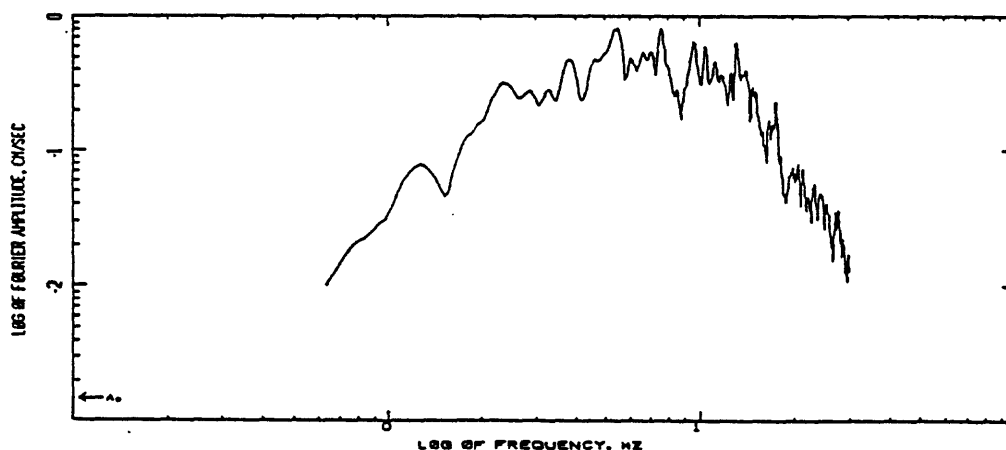
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-5.3
STATION AFS, 270



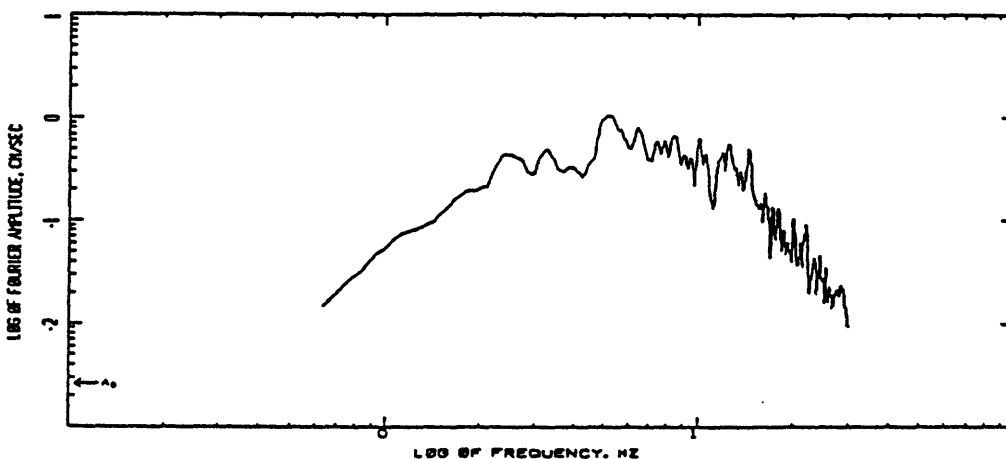
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072079.0 14.02155 UTC. RL-3.3
 STATION AFS 500
 COMPUTING OPTIONS- ZCROSS.SMOOTH(10).NONoise



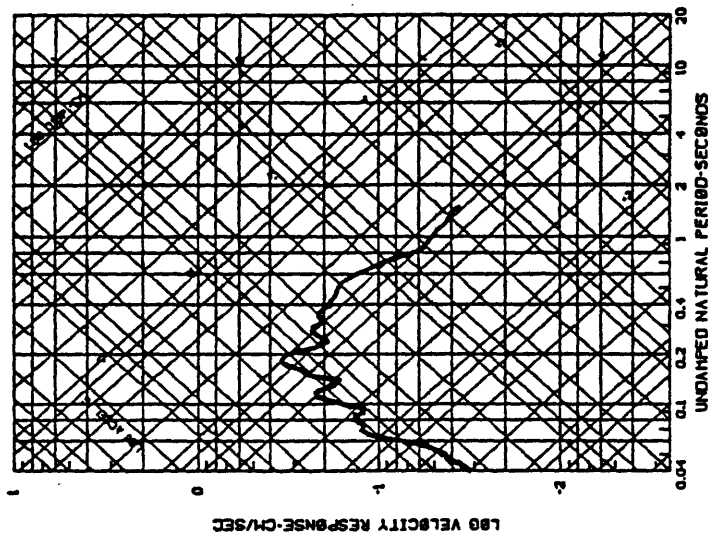
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072079.0 14.02155 UTC. RL-3.3
 STATION AFS 500
 COMPUTING OPTIONS- ZCROSS.SMOOTH(10).NONoise



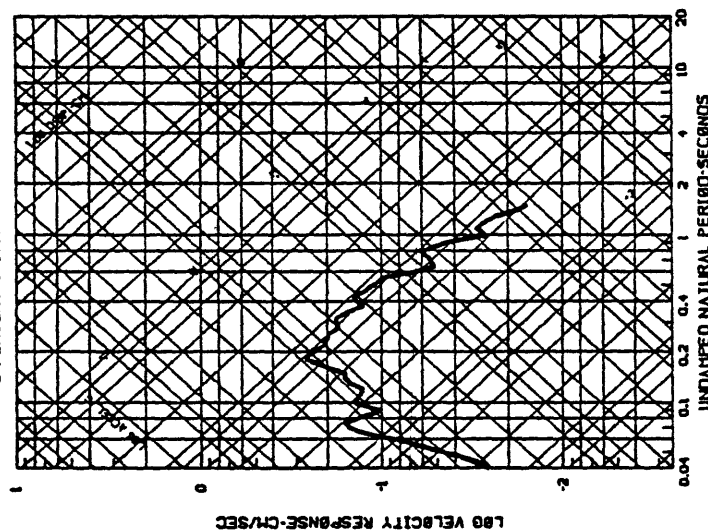
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072079.0 14.02155 UTC. RL-3.3
 STATION AFS 500
 COMPUTING OPTIONS- ZCROSS.SMOOTH(10).NONoise



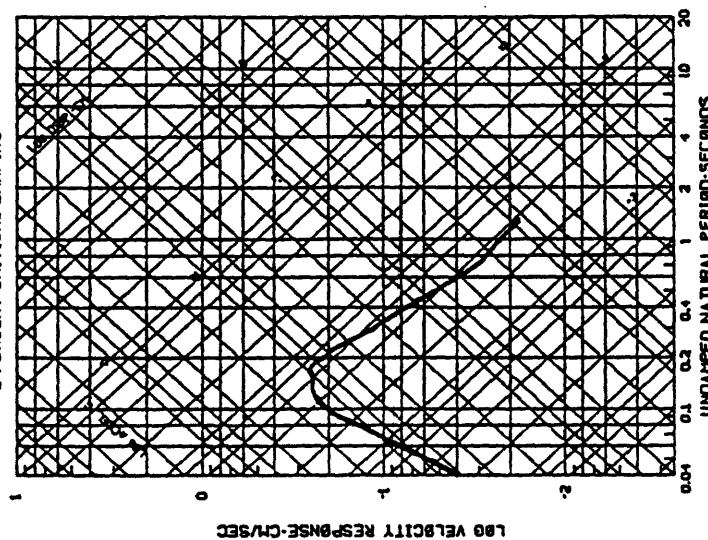
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, FL-33
 STATION AFB 370
 5 PERCENT CRITICAL DAMPING



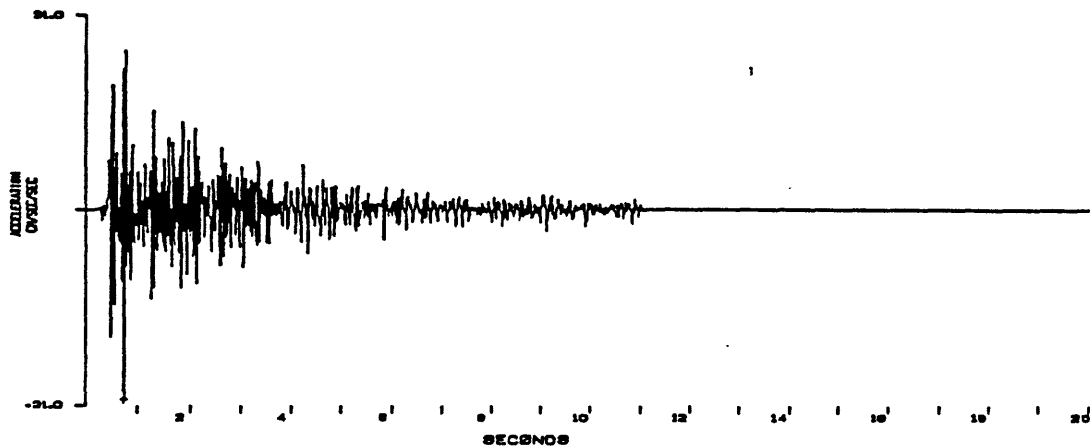
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, FL-33
 STATION AFB 000
 5 PERCENT CRITICAL DAMPING



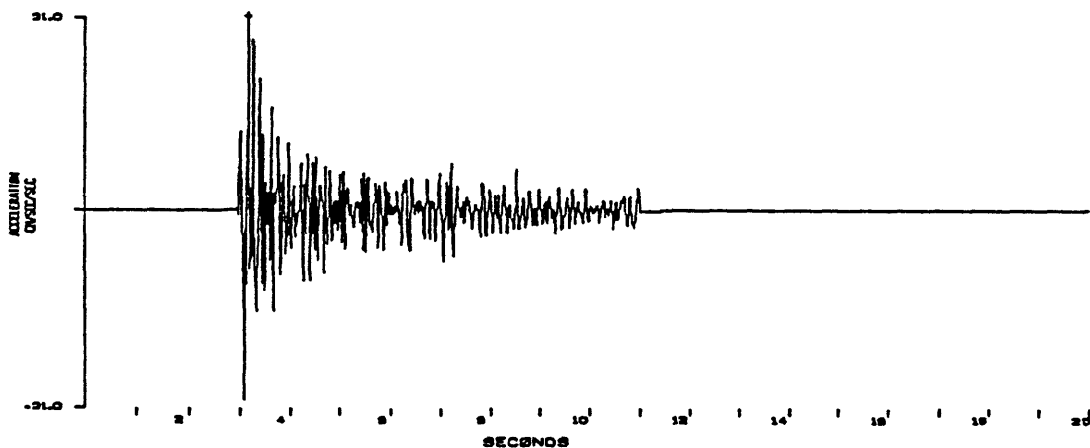
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, FL-33
 STATION AFB 001
 5 PERCENT CRITICAL DAMPING



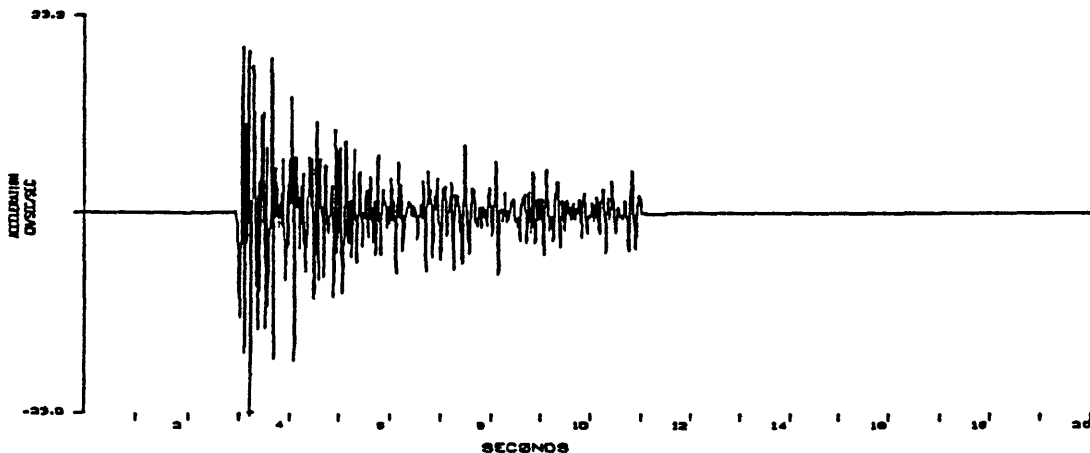
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



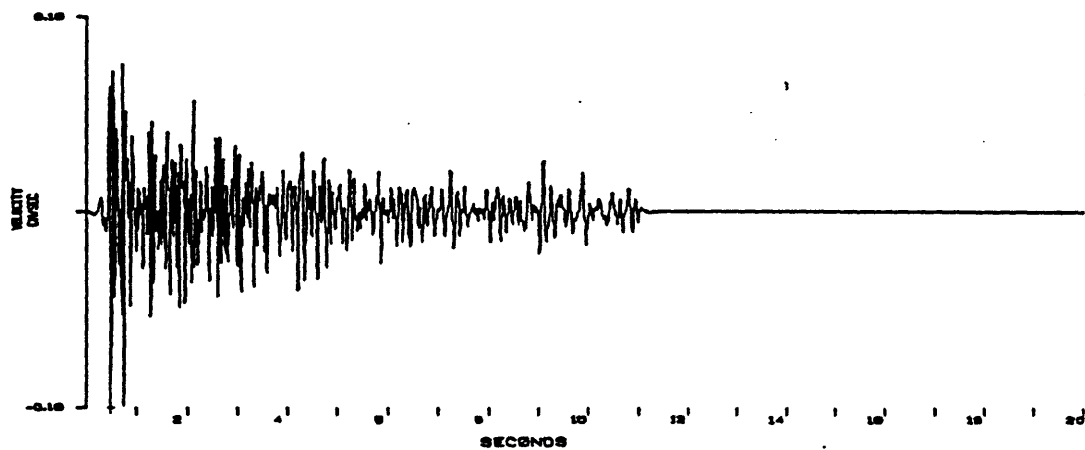
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, DDD



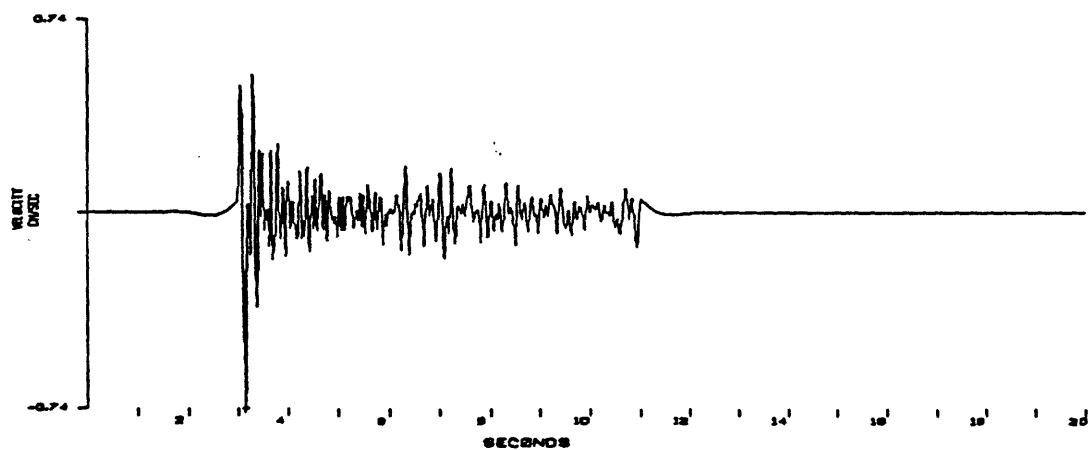
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, DDD



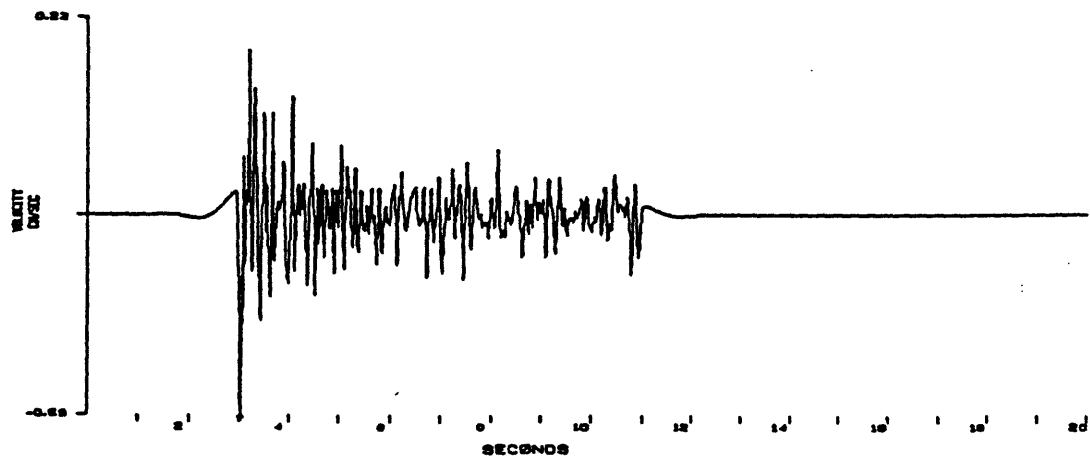
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



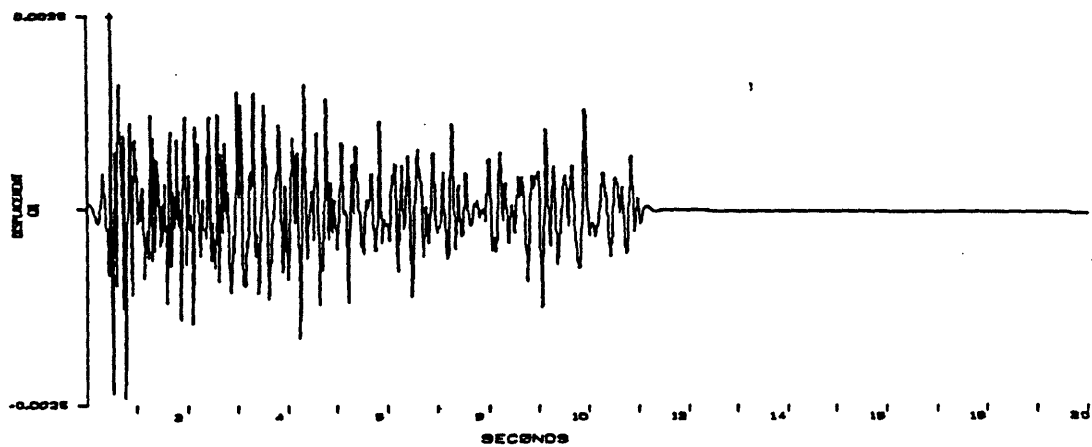
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DOO



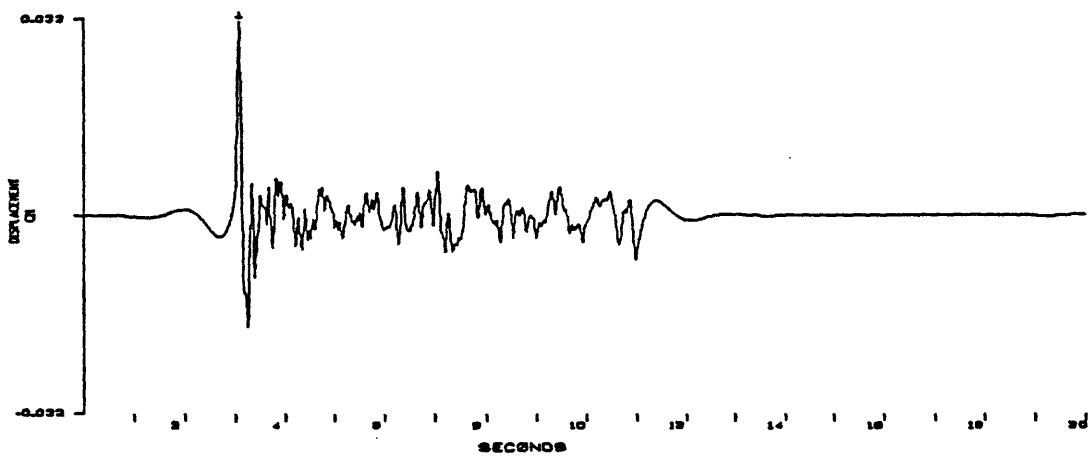
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION CPG, DOO



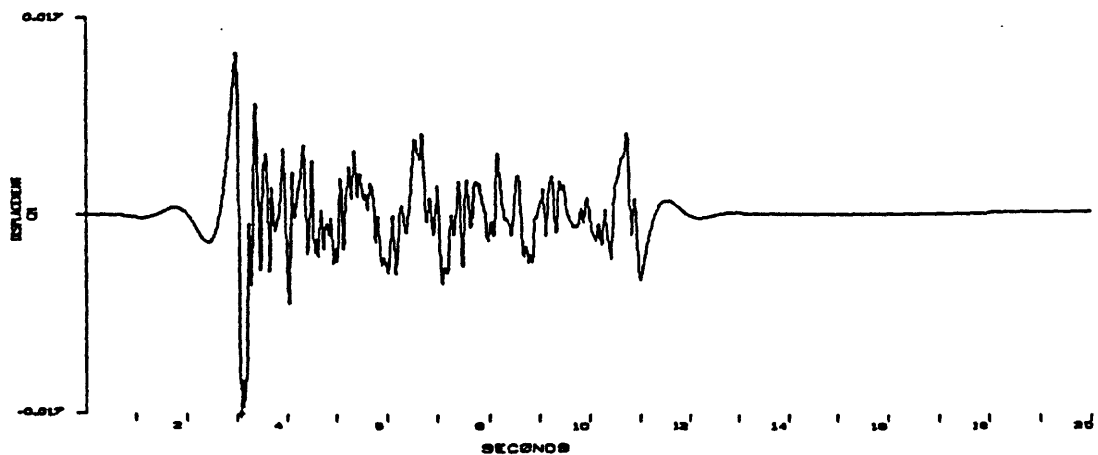
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, VERT



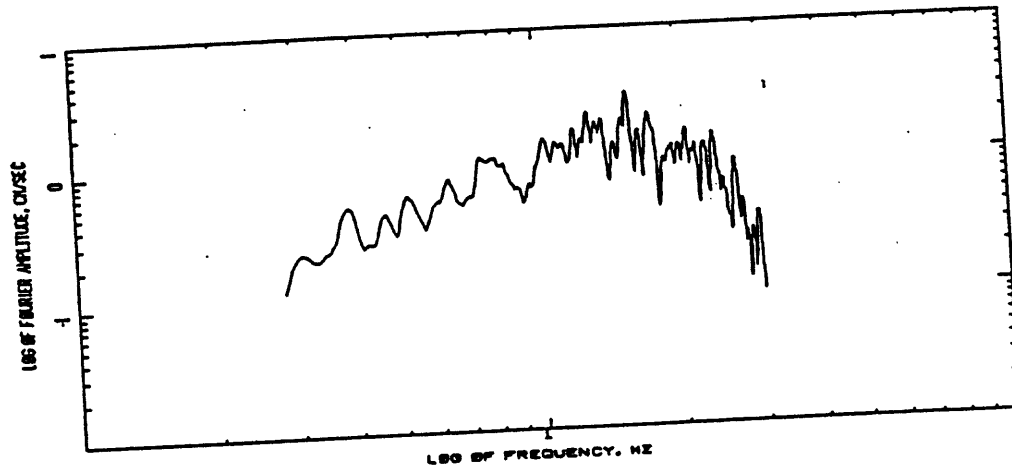
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, 000



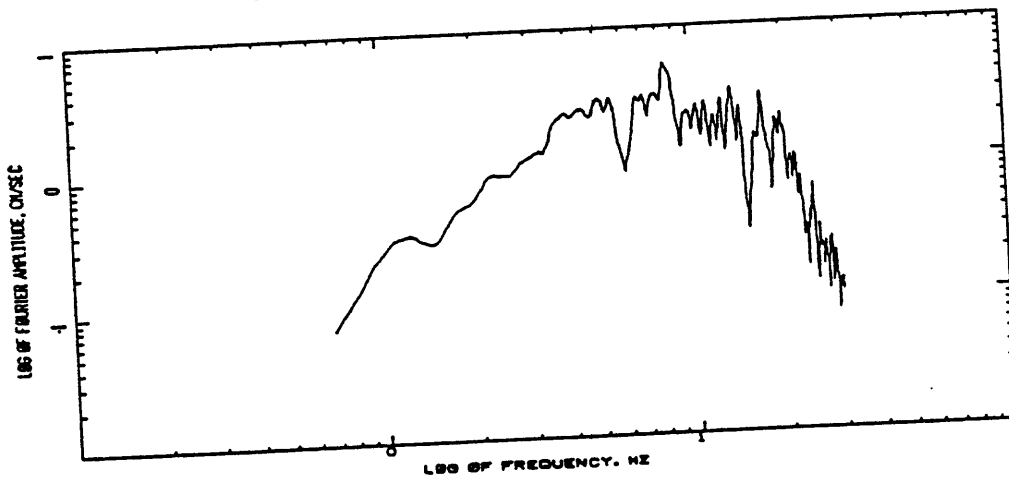
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION CPG, 000



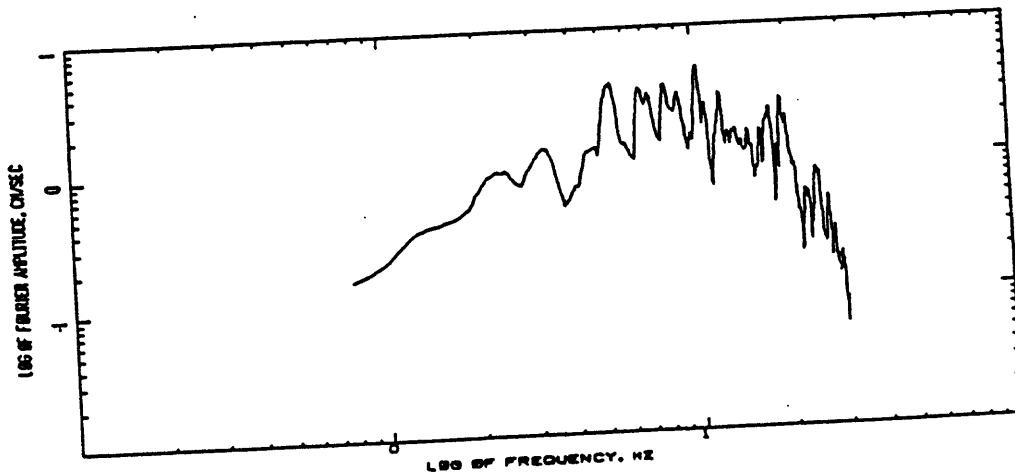
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073078, 04.82158 UTC, RL-3.3
 COMPUTING OPTIONS- ZCROSS,SHOBTMIOI,NONBIE



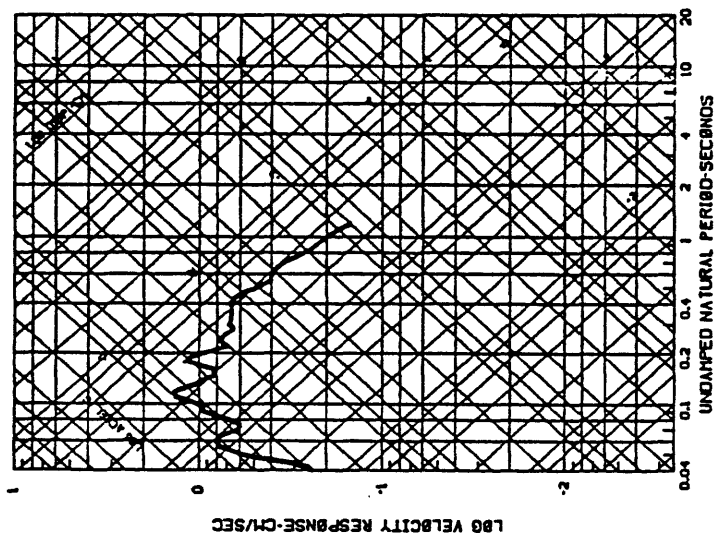
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073078, 04.82158 UTC, RL-3.3
 COMPUTING OPTIONS- ZCROSS,SHOBTMIOI,NONBIE



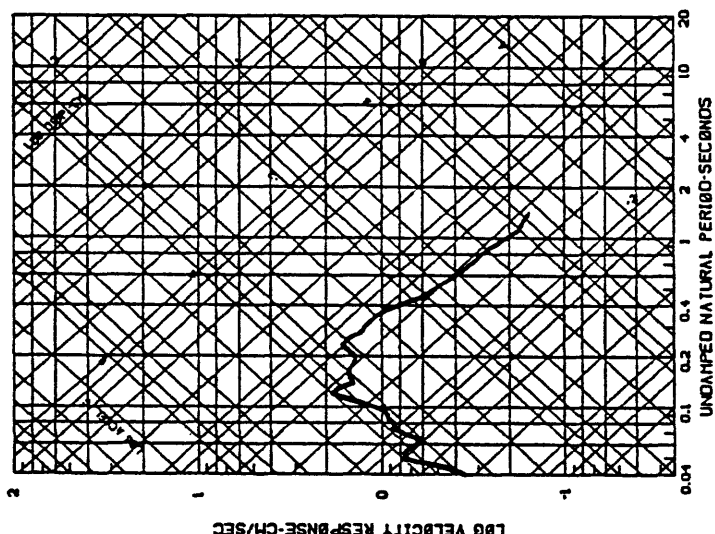
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073078, 04.82158 UTC, RL-3.3
 COMPUTING OPTIONS- ZCROSS,SHOBTMIOI,NONBIE



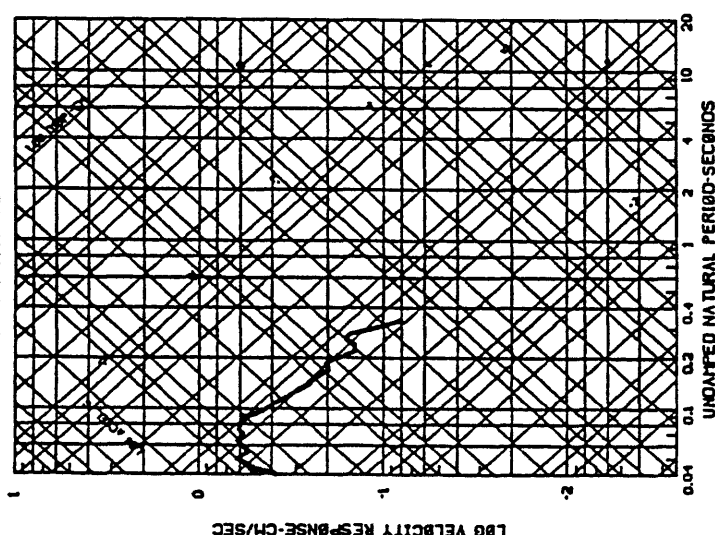
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M-3.3
STATION CPG 090
5 PERCENT CRITICAL DAMPING



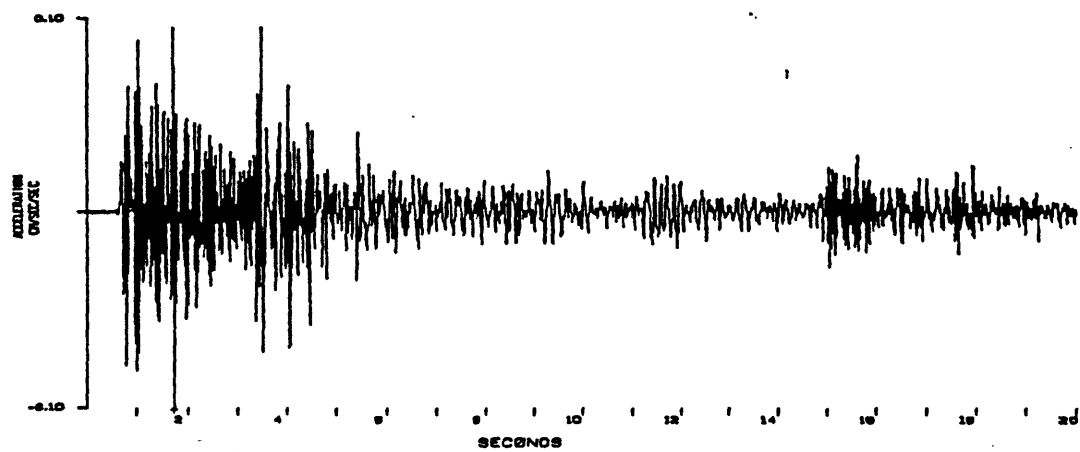
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M-3.3
STATION CPG 000
5 PERCENT CRITICAL DAMPING



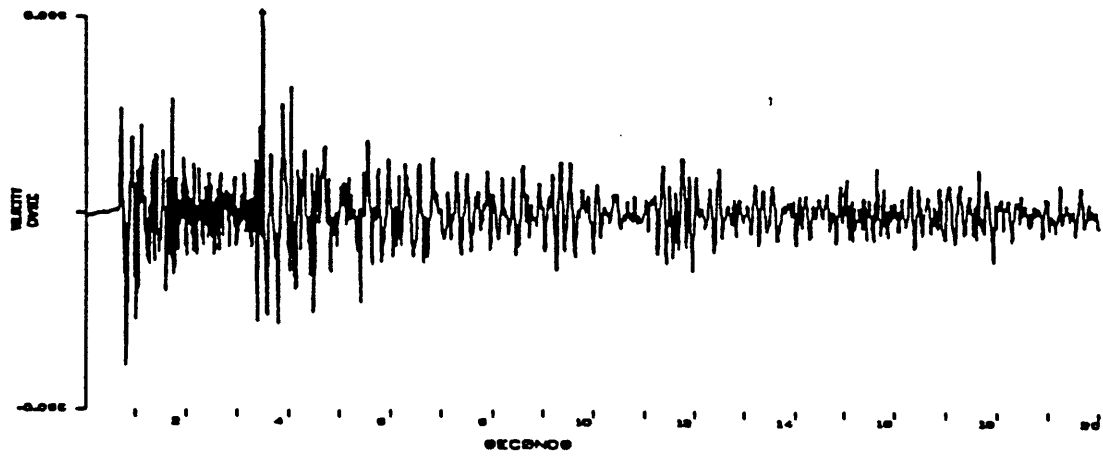
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, M-3.3
STATION CPG VERI
5 PERCENT CRITICAL DAMPING



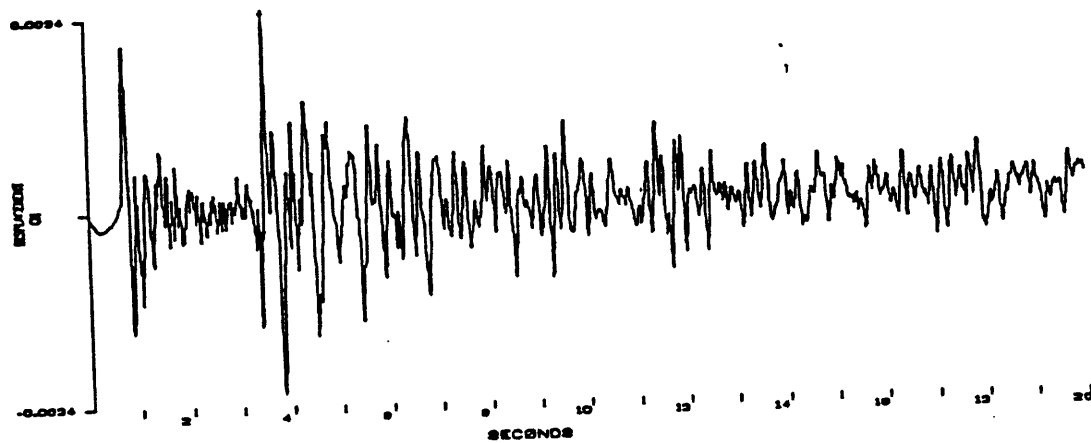
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-5.3
STATION CRR, VERT



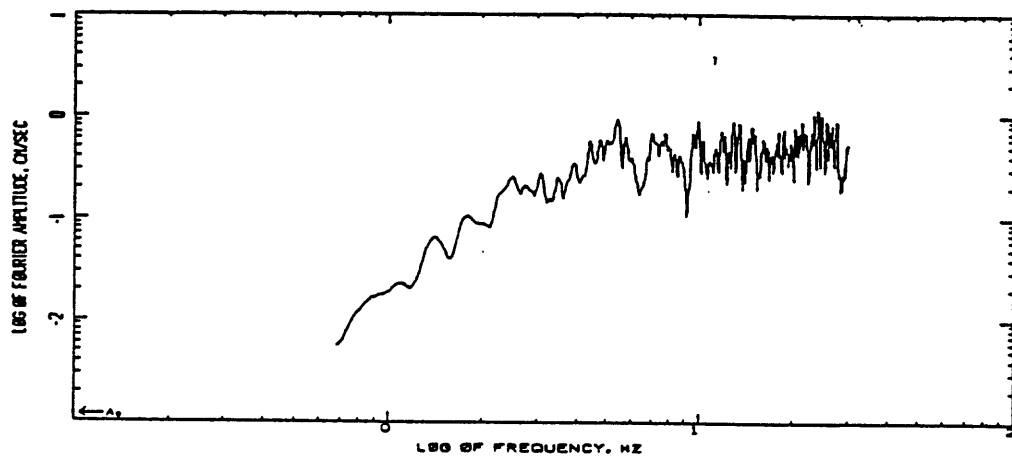
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:03:55 UTC. PL-3.3
STATION CNA, VER1



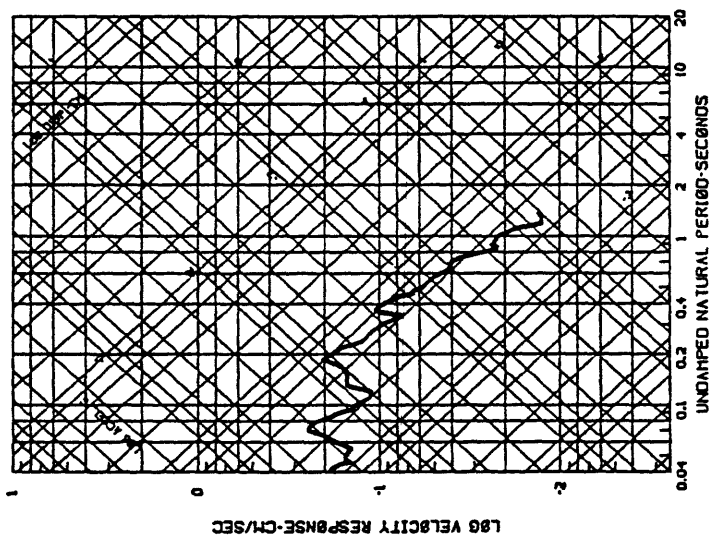
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:58 UTC, ML=3.3
STATION CRR, VERT



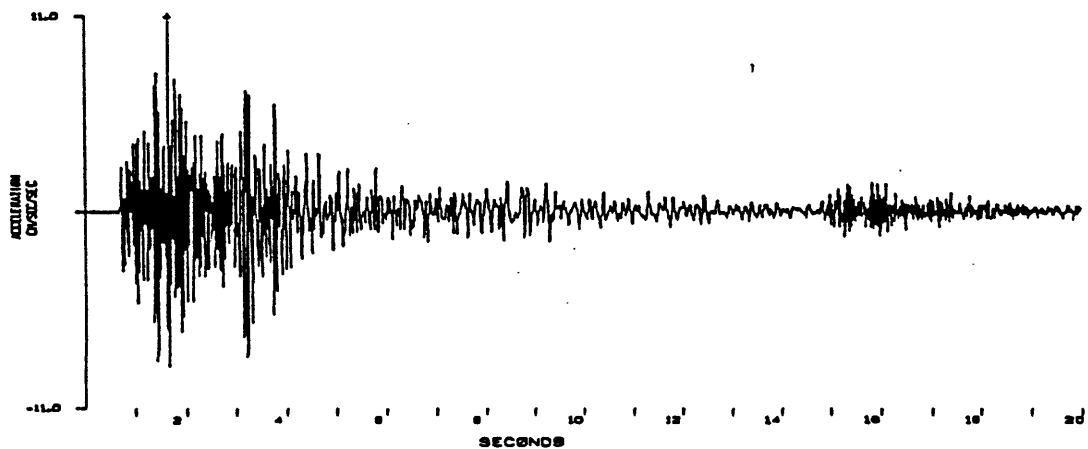
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 07/20/52, 12:52:55 UTC, ML-3.3
COMPUTING OPTIONS: ZCROSS, SMOOTH, NOISE



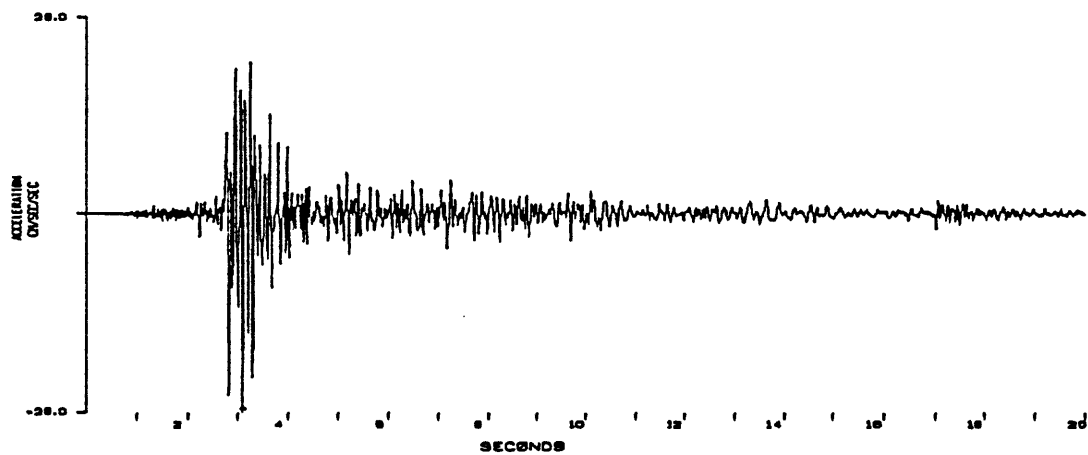
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, H-33
 STATION CRK VERT
 5 PERCENT CRITICAL DAMPING



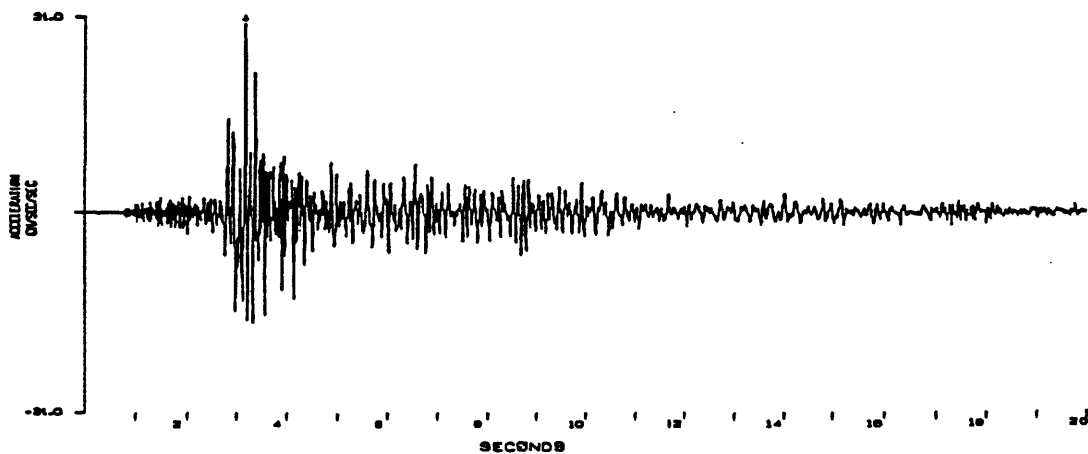
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, VER



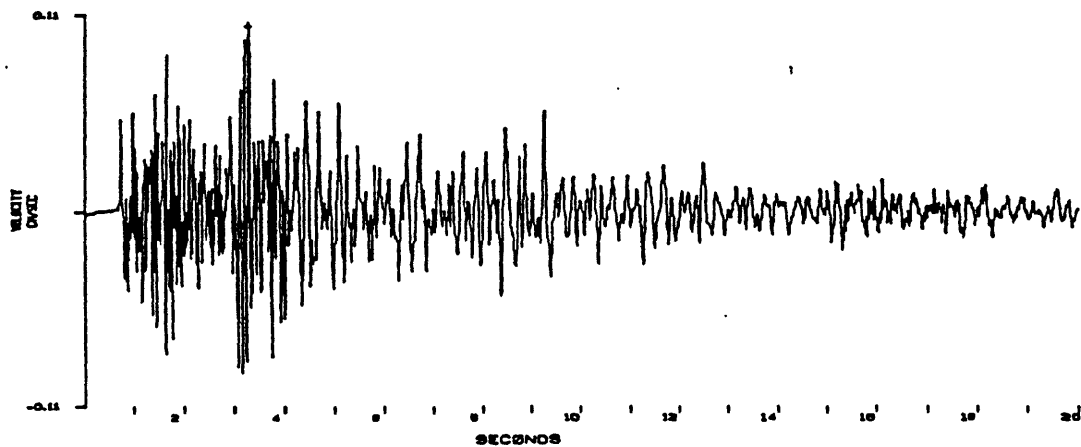
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, DOO



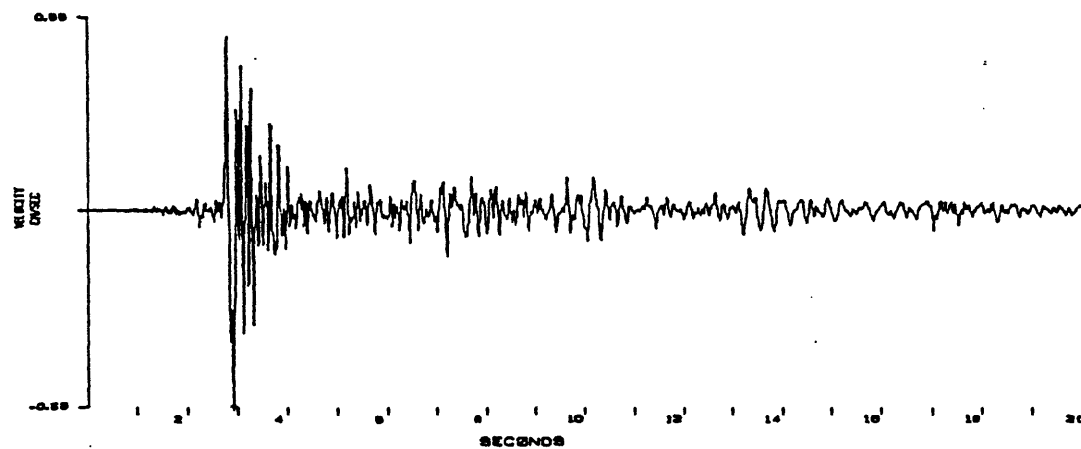
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, D70



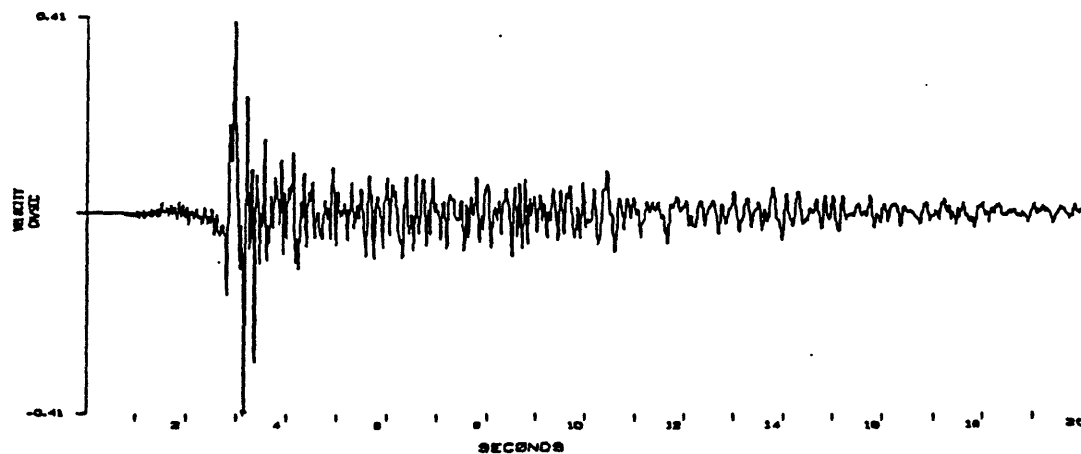
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION FBR, VER1



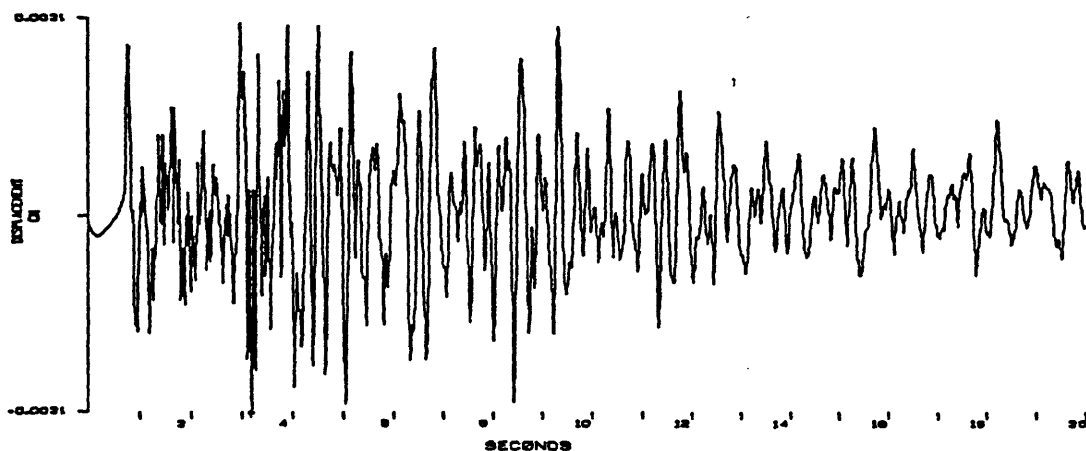
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION FBR, D00



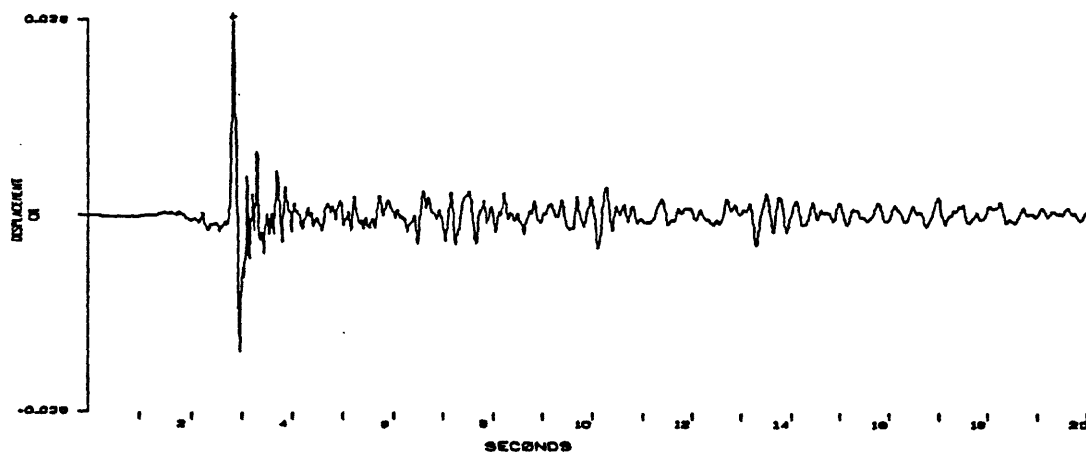
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION FBR, 270



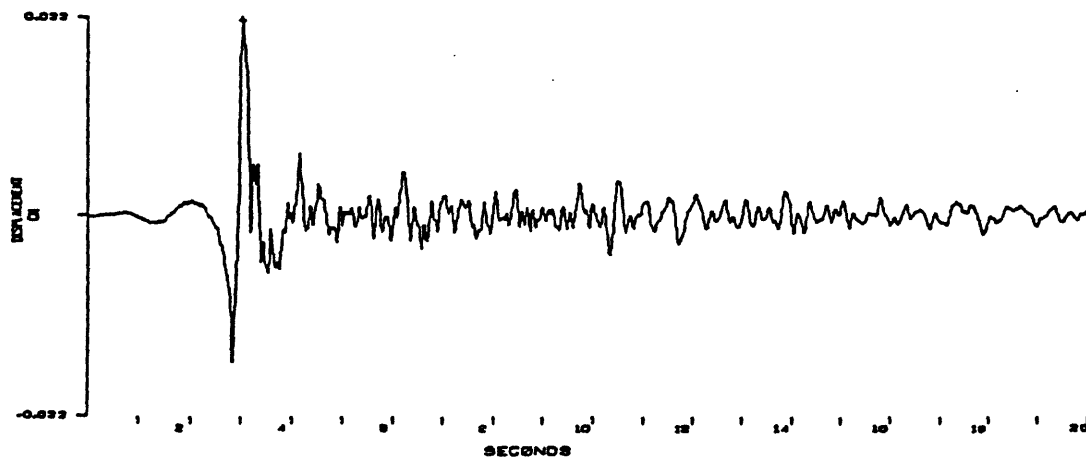
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, VERT



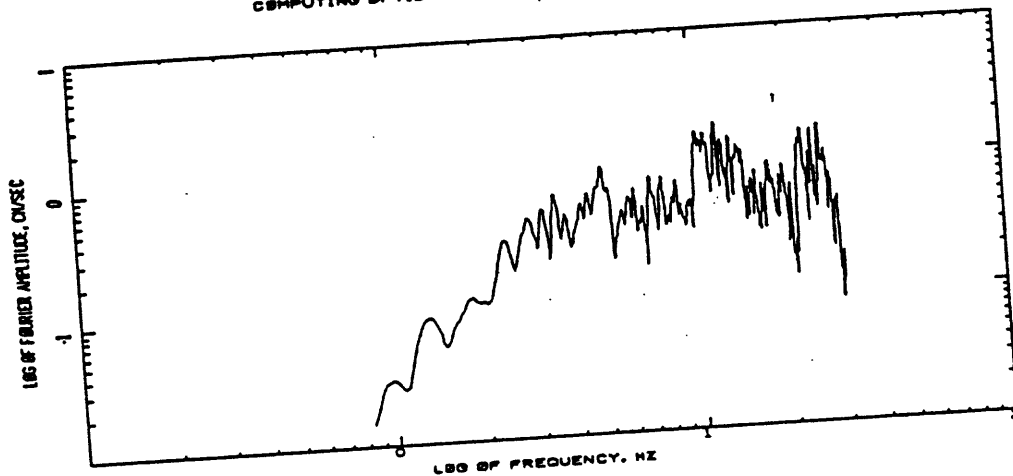
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, DDD



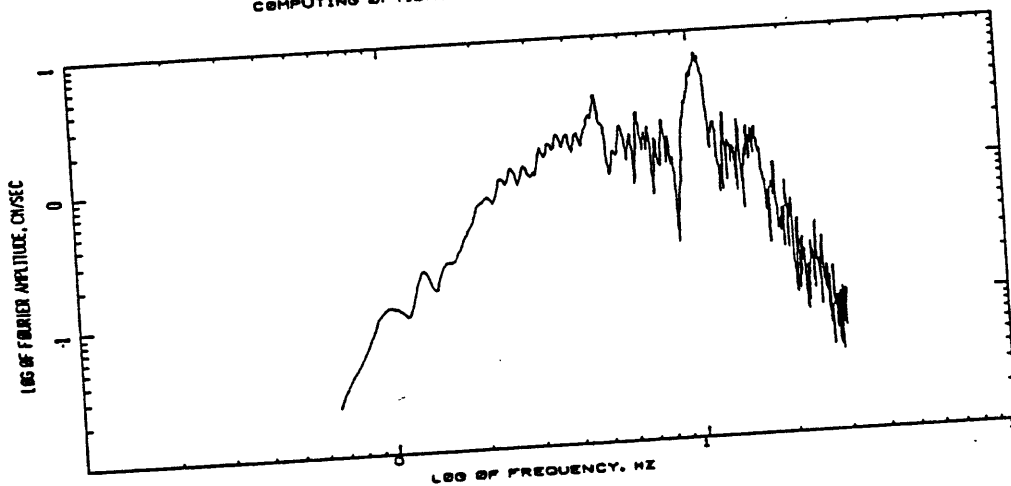
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION FBR, 370



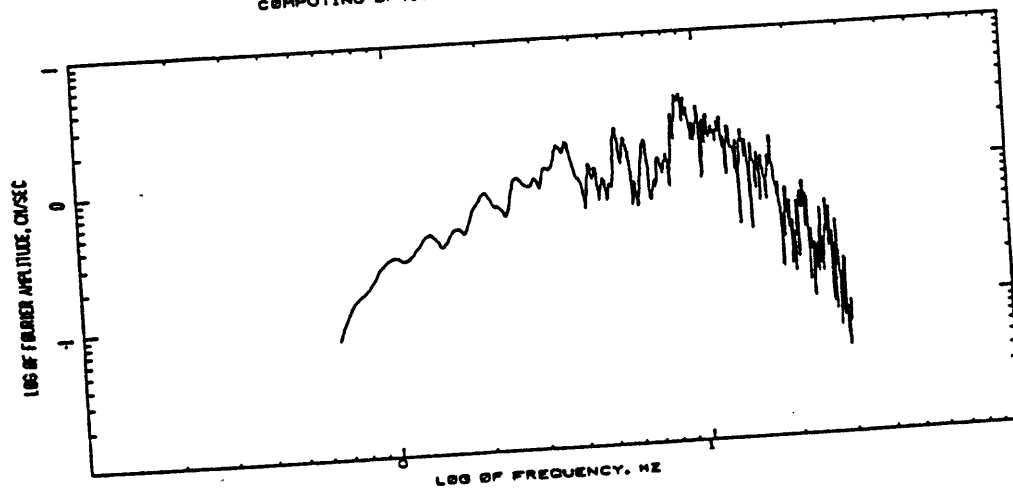
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072078, 14.05155 UTC, RL-3.3
 STATION 198, 27.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONISE



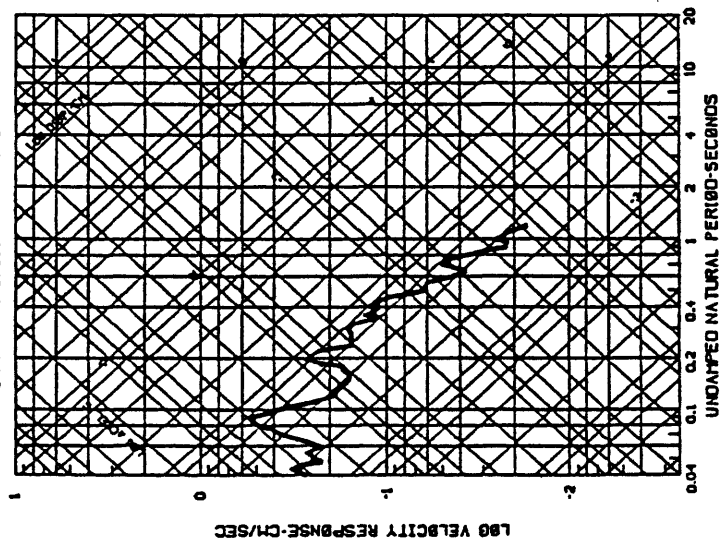
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072078, 14.05155 UTC, RL-3.3
 STATION 198, 27.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONISE



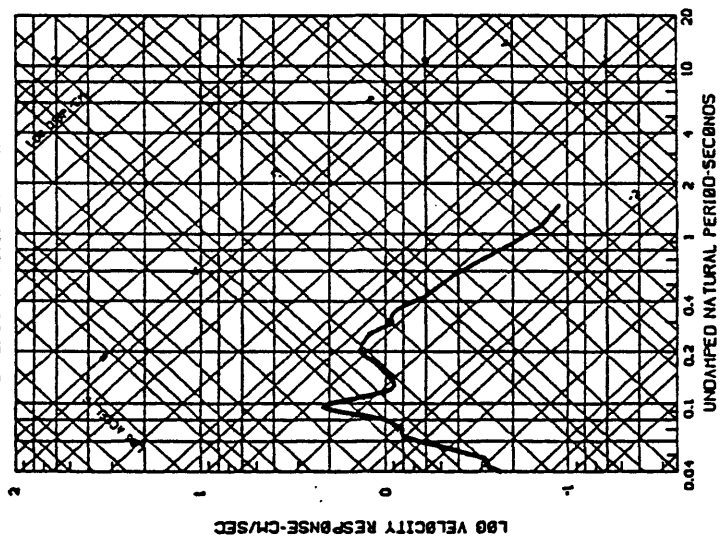
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1072078, 14.05155 UTC, RL-3.3
 STATION 198, 27.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH(10), NONISE



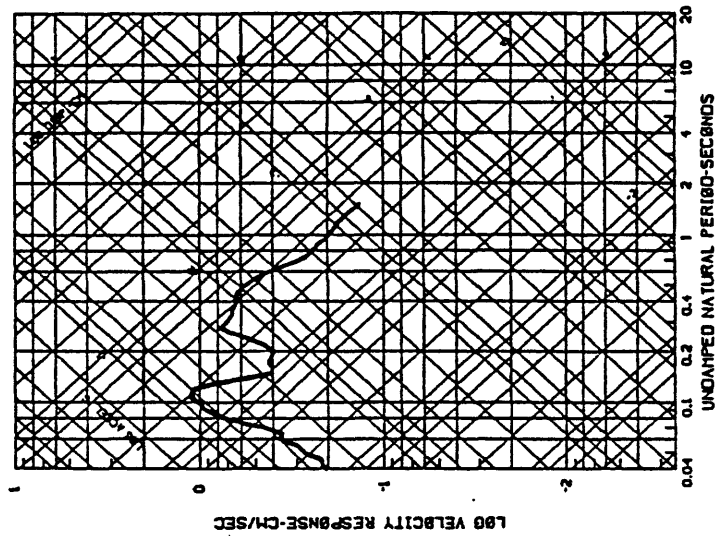
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:5255 UTC, M-3.3
 STATION PER, 000
 5 PERCENT CRITICAL DAMPING



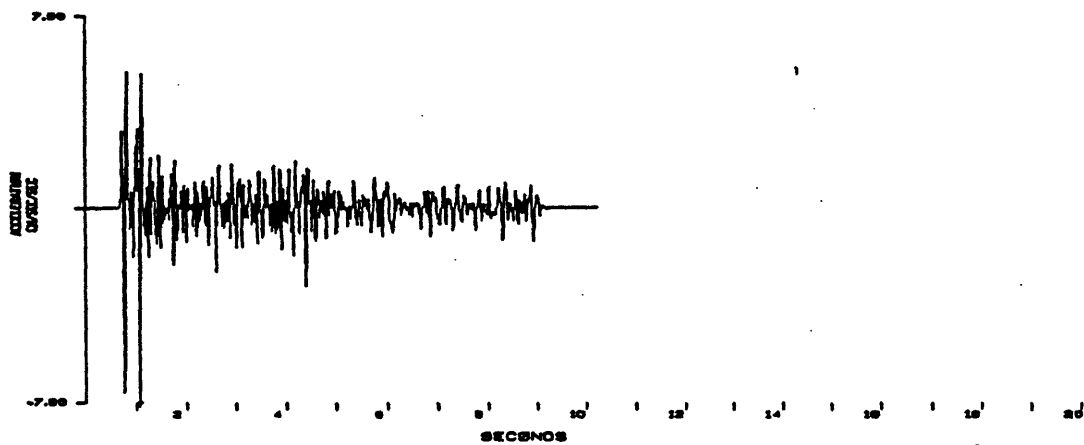
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:5255 UTC, M-3.3
 STATION PER, 000
 5 PERCENT CRITICAL DAMPING



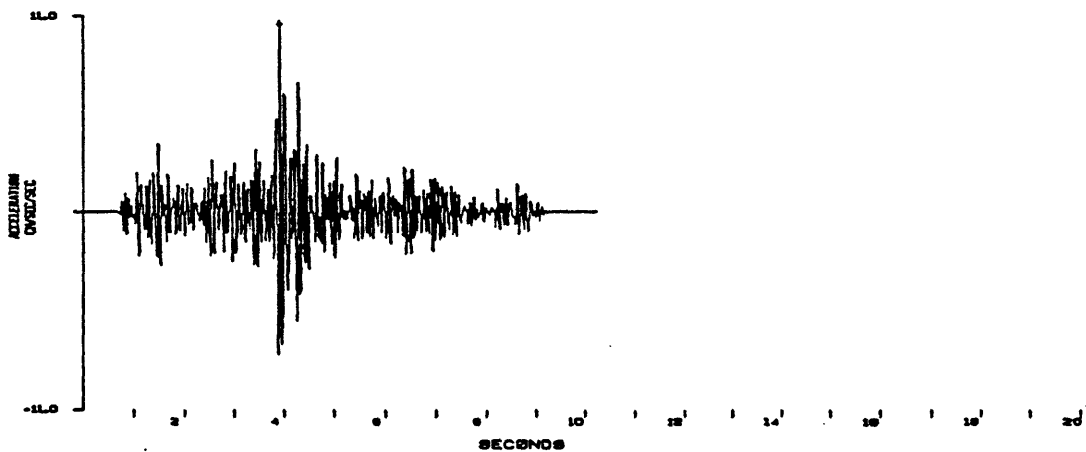
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/20/79, 14:5255 UTC, M-3.3
 STATION PER, 000
 5 PERCENT CRITICAL DAMPING



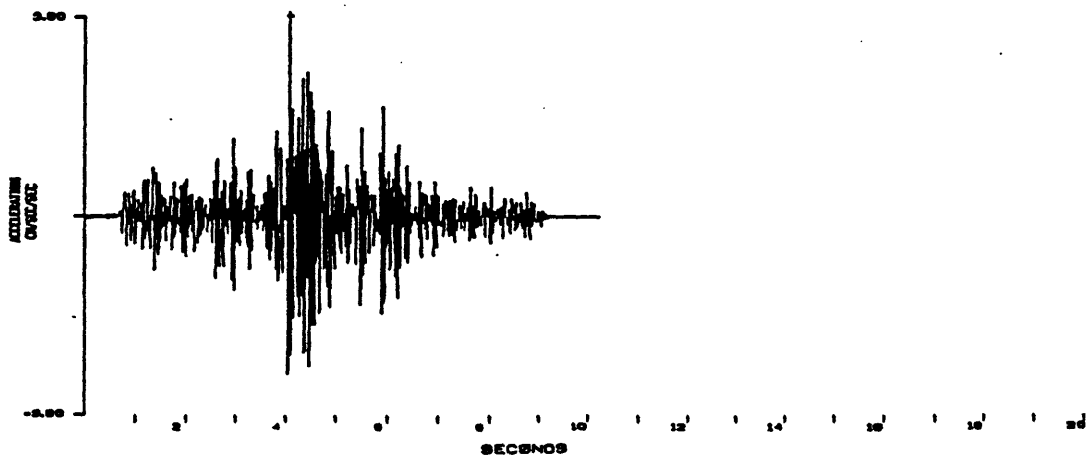
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, VER



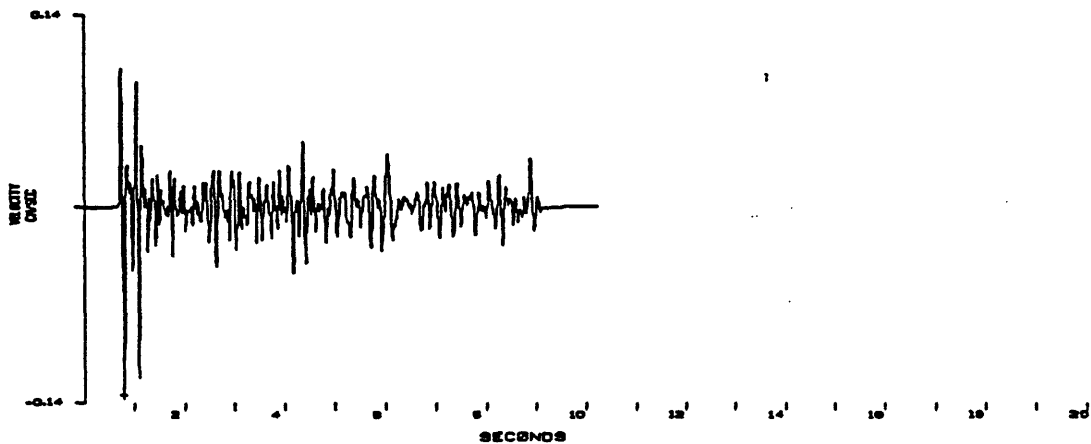
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, BOO



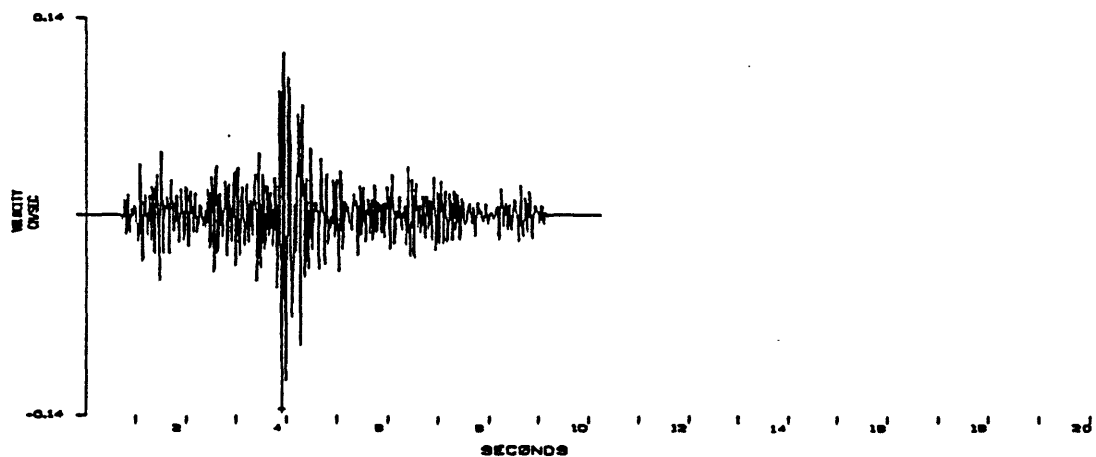
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GRG, 270



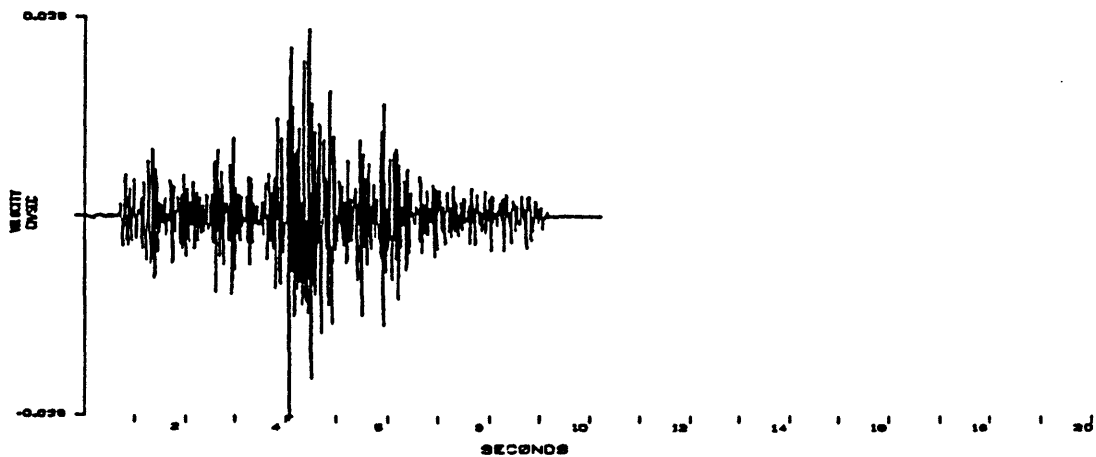
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, VERT



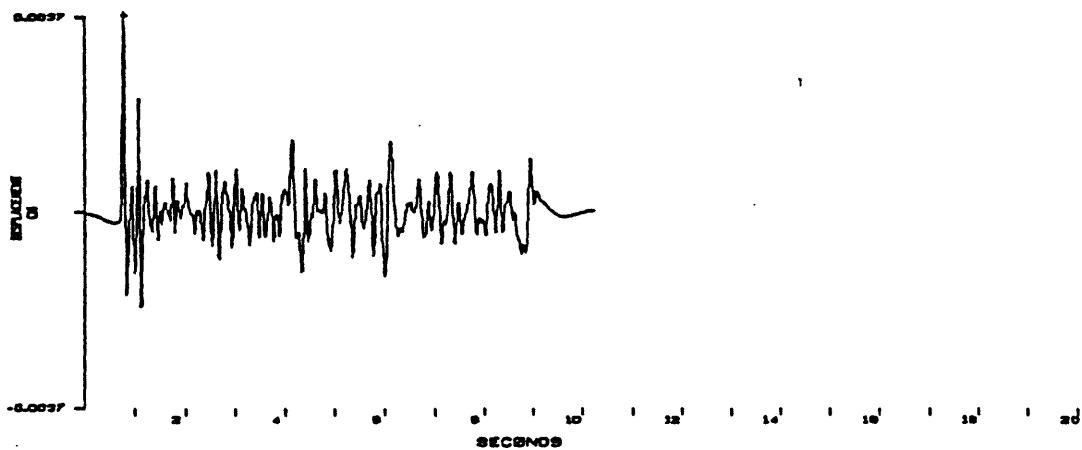
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, DOO



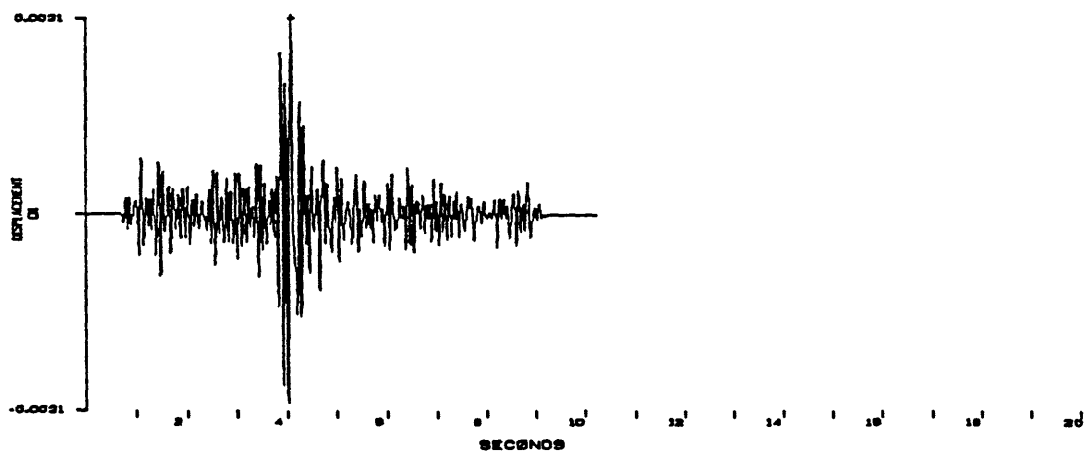
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION GR6, 270



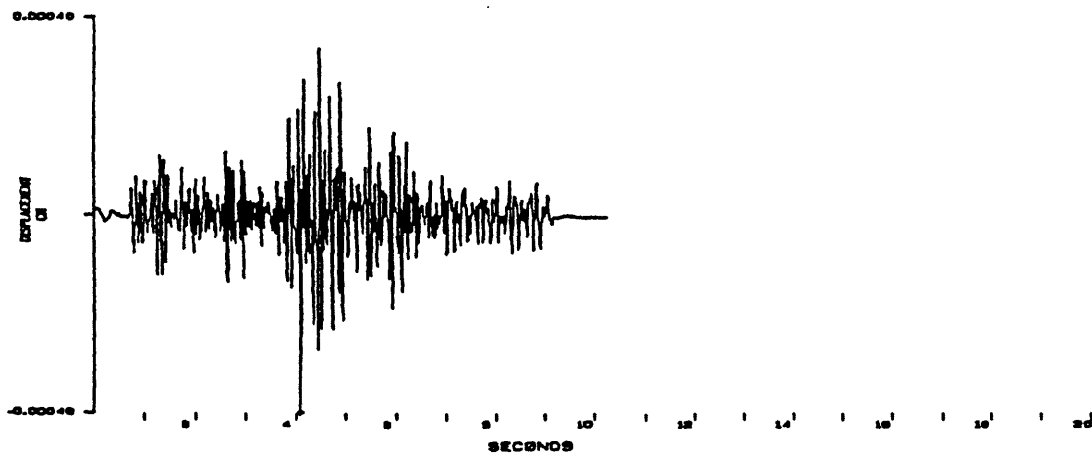
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION BRG, VERT



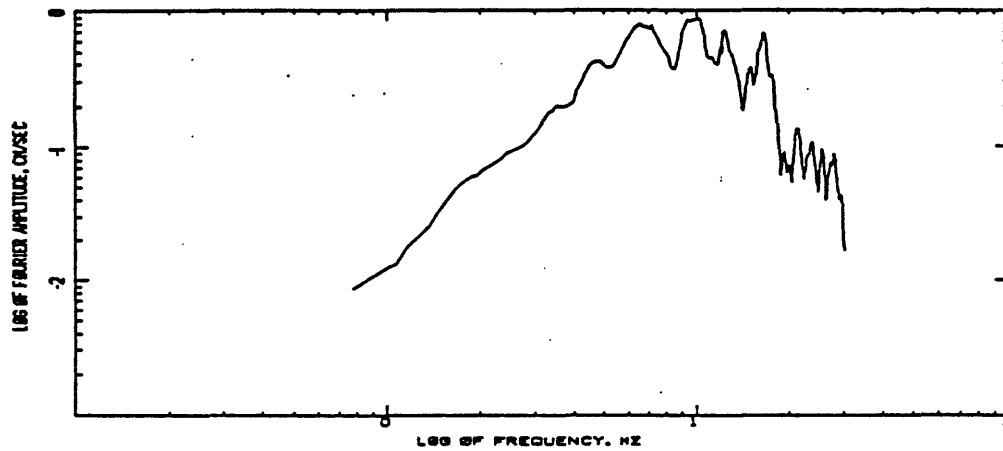
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION BRG, DOO



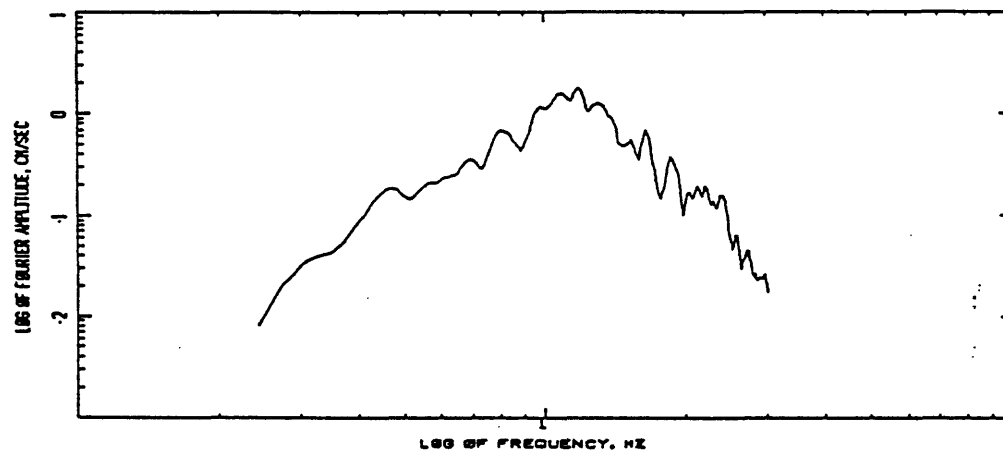
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION BRG, 270



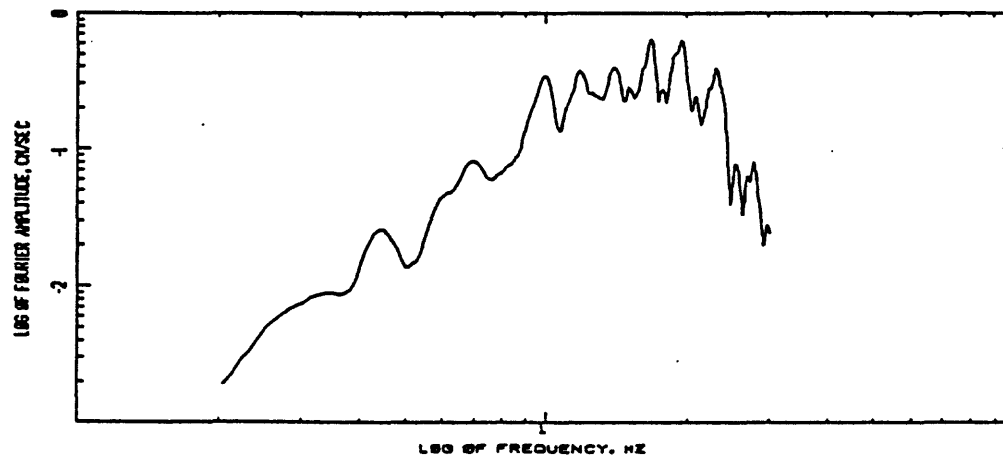
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 14:02:15 UTC, RL-3.3
 STATION 088, 000
 COMPUTING OPTIONS: ZCRSS,SHOOT(K10),NONSE



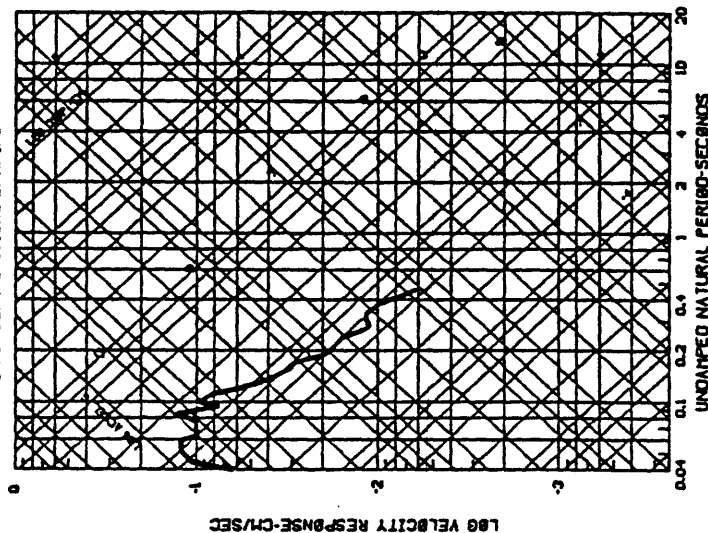
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 14:02:15 UTC, RL-3.3
 STATION 088, 000
 COMPUTING OPTIONS: ZCRSS,SHOOT(K10),NONSE



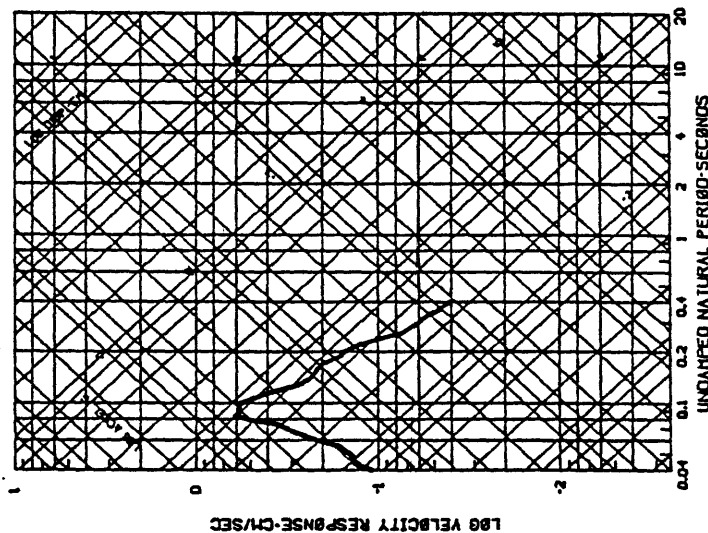
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/20/76, 14:02:15 UTC, RL-3.3
 STATION 088, 000
 COMPUTING OPTIONS: ZCRSS,SHOOT(K10),NONSE



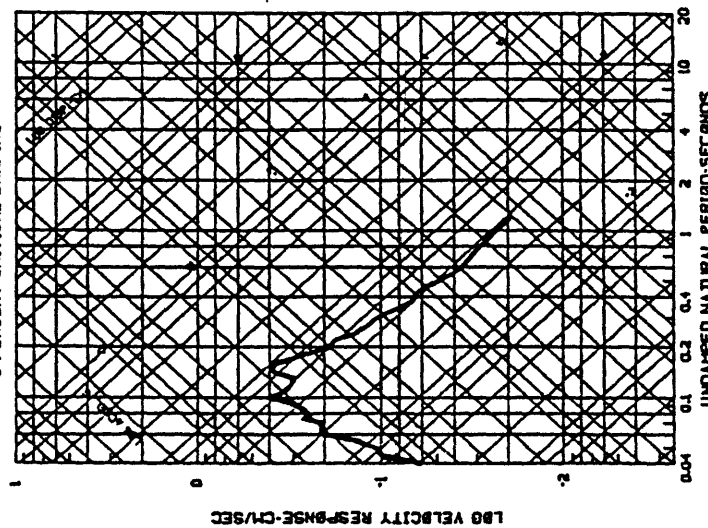
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, ML-3.3
 STATION GRS 270
 5 PERCENT CRITICAL DAMPING



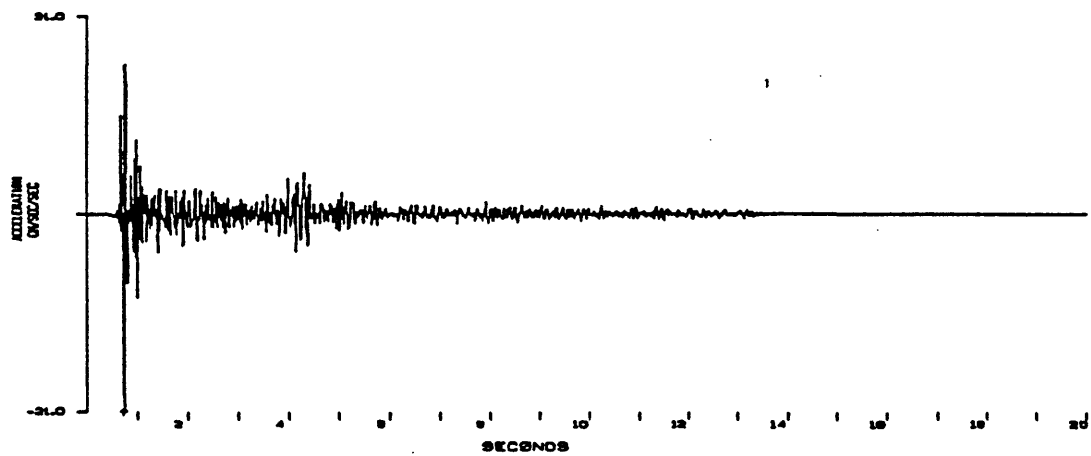
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, ML-3.3
 STATION GRS 000
 5 PERCENT CRITICAL DAMPING



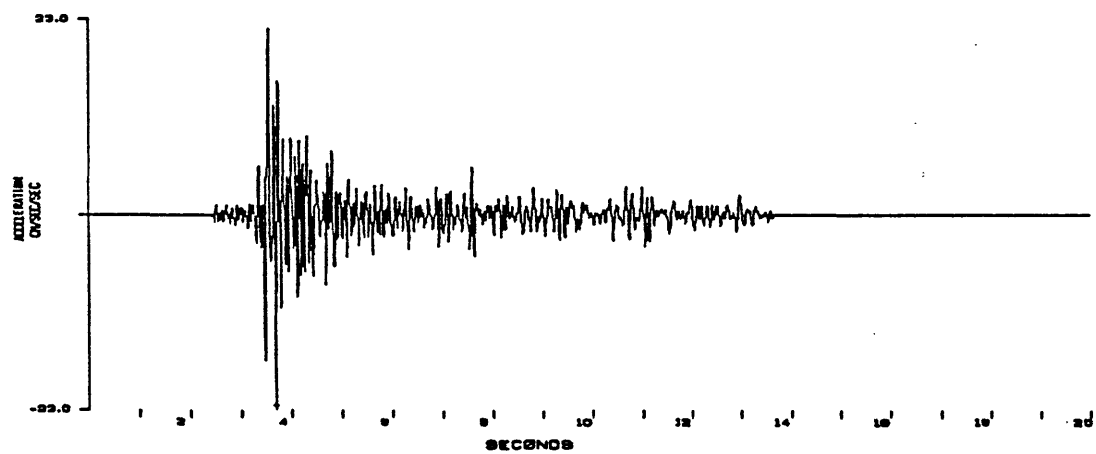
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, ML-3.3
 STATION GRS 100
 5 PERCENT CRITICAL DAMPING



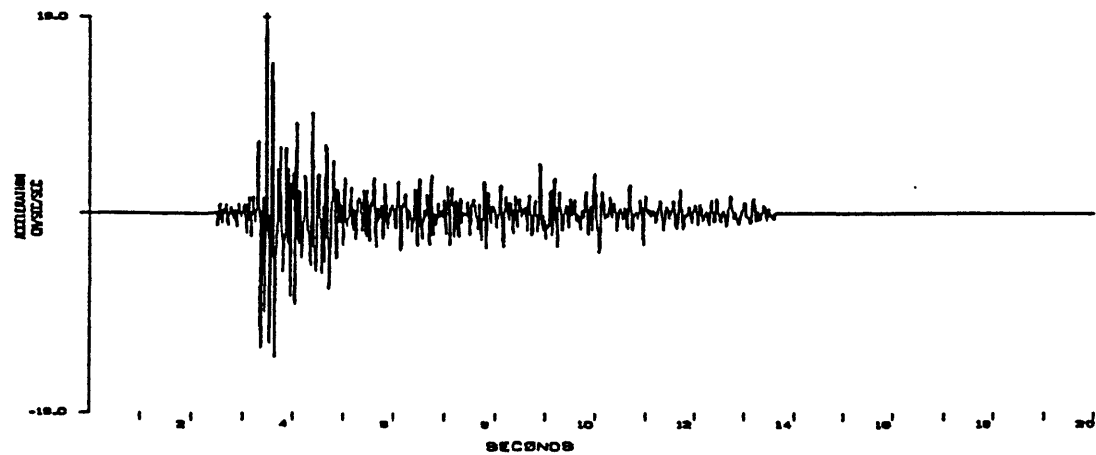
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, VENT



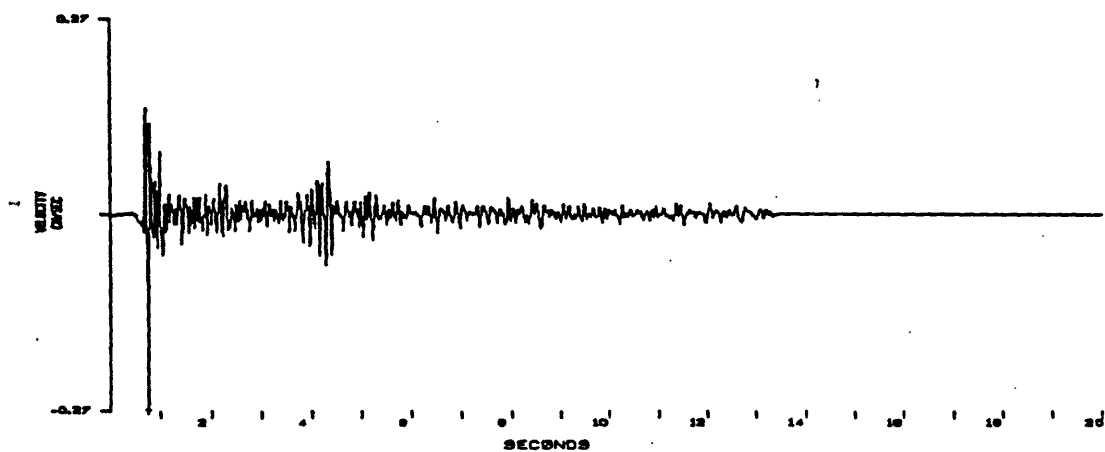
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, S70



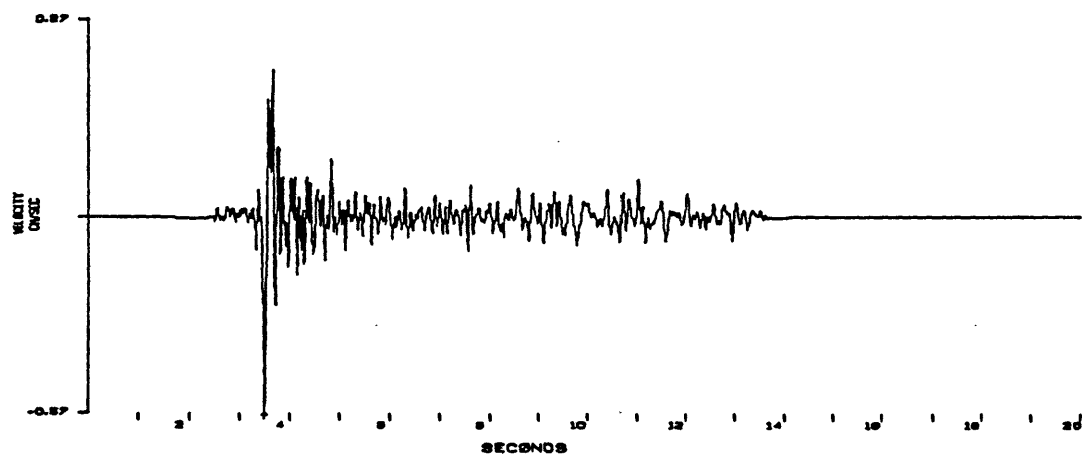
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, D00



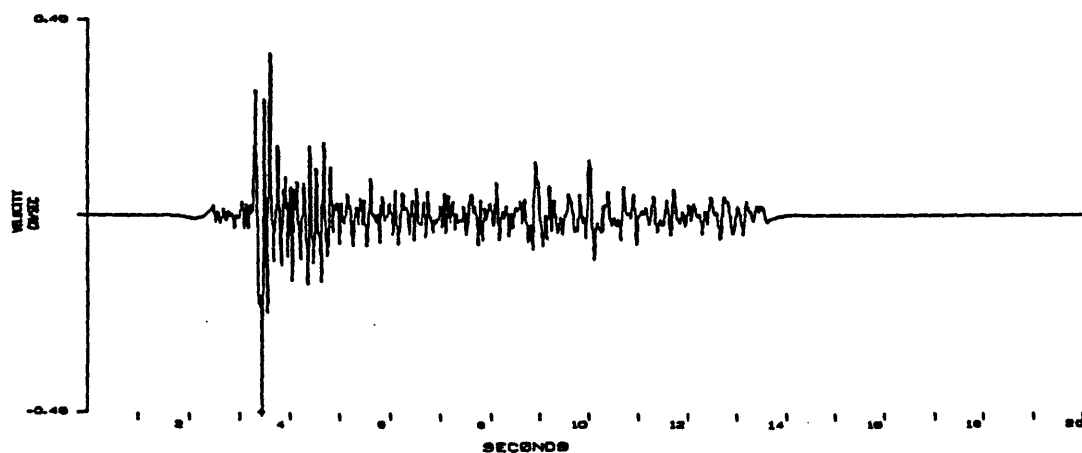
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, VERT



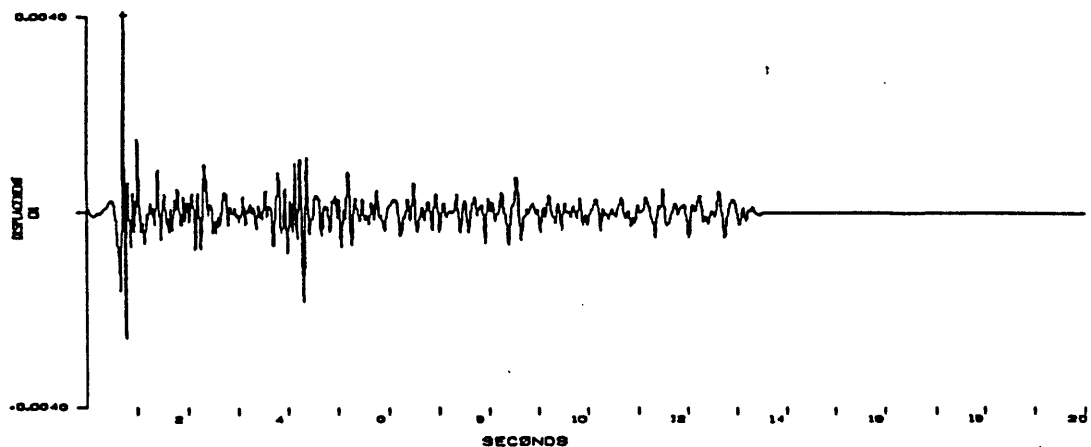
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, 270



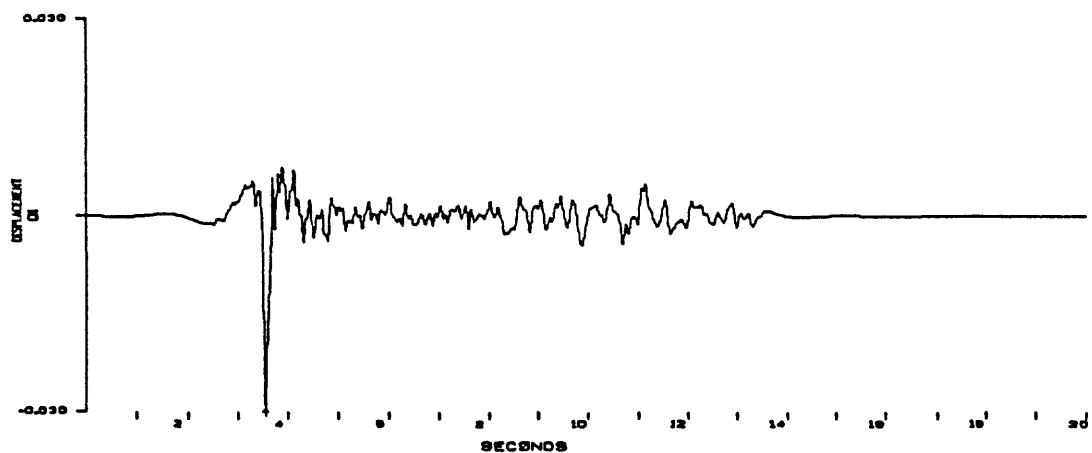
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION JMS, 000



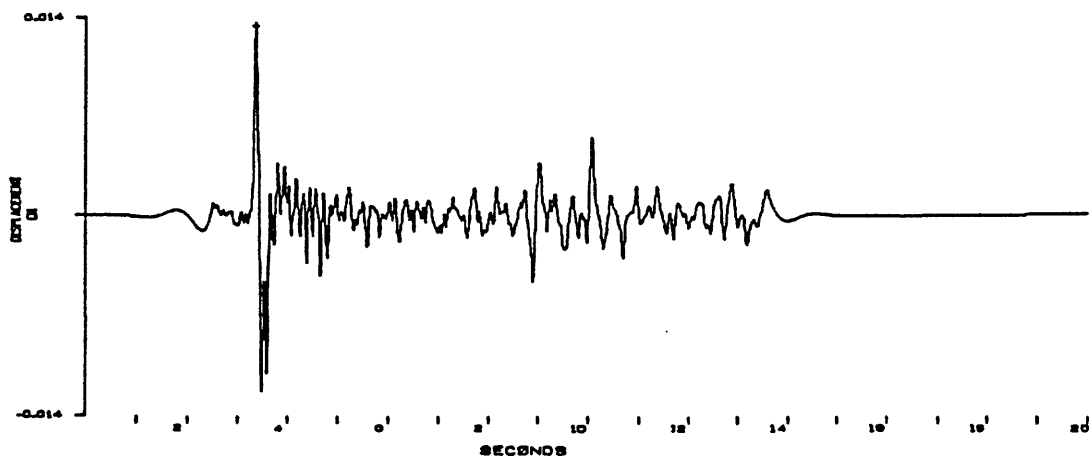
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, VER1



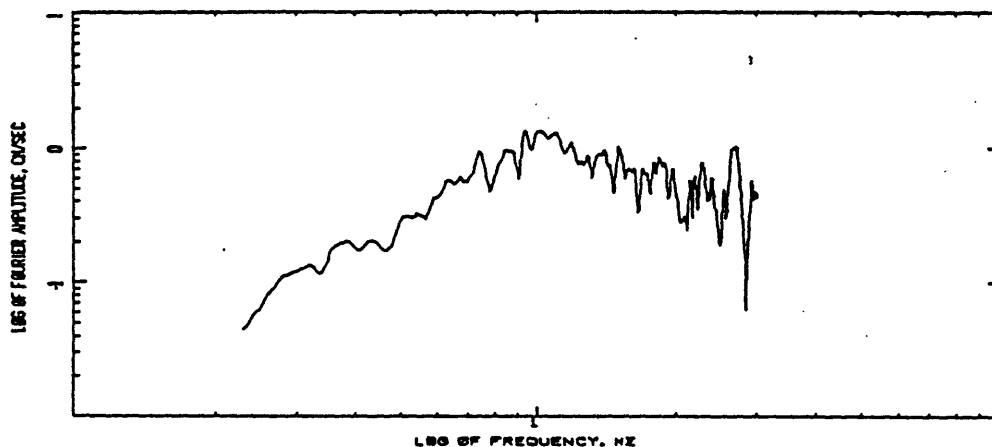
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, S70



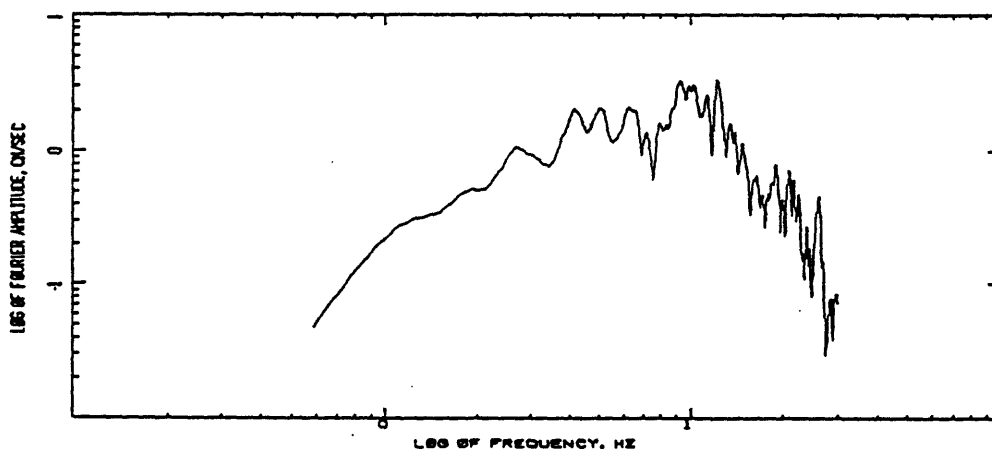
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION JHS, D00



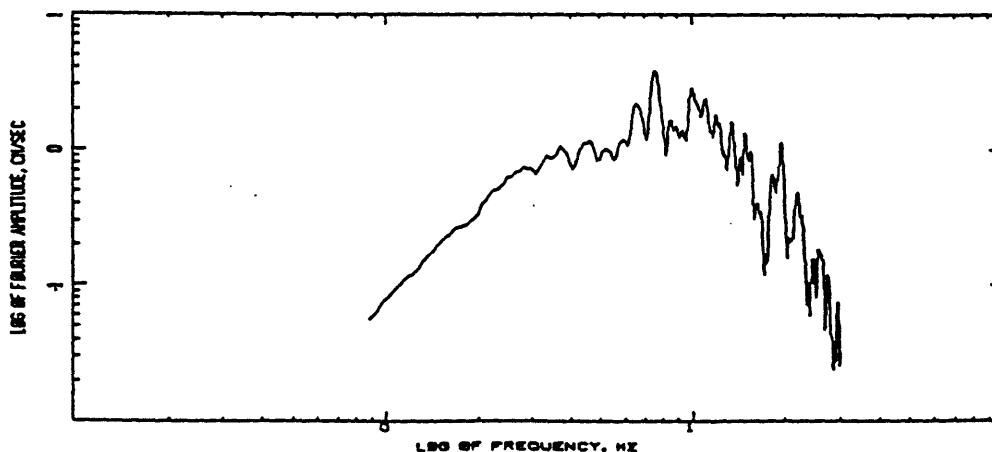
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/20/78, 14.82:55 UTC, RL-3.3
 STATION 145, 570
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



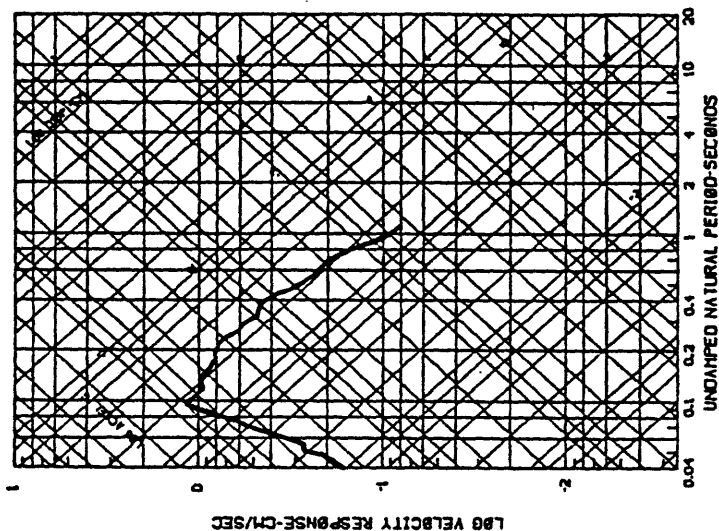
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/20/78, 14.82:55 UTC, RL-3.3
 STATION 145, 570
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



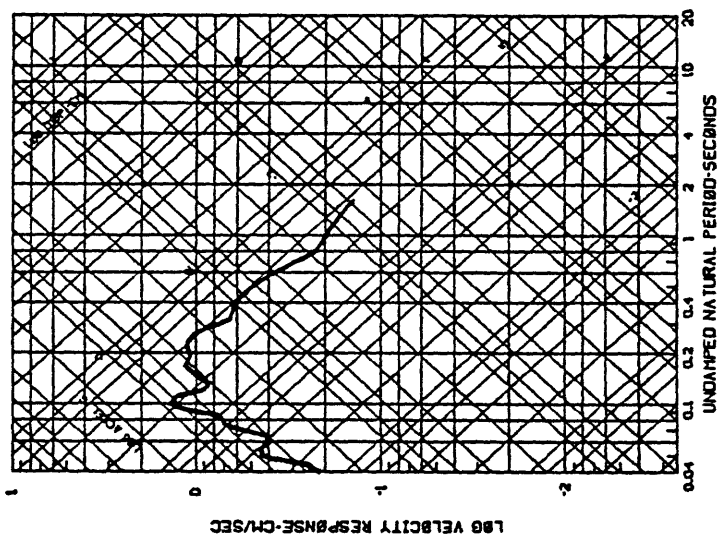
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10/20/78, 14.82:55 UTC, RL-3.3
 STATION 145, 570
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



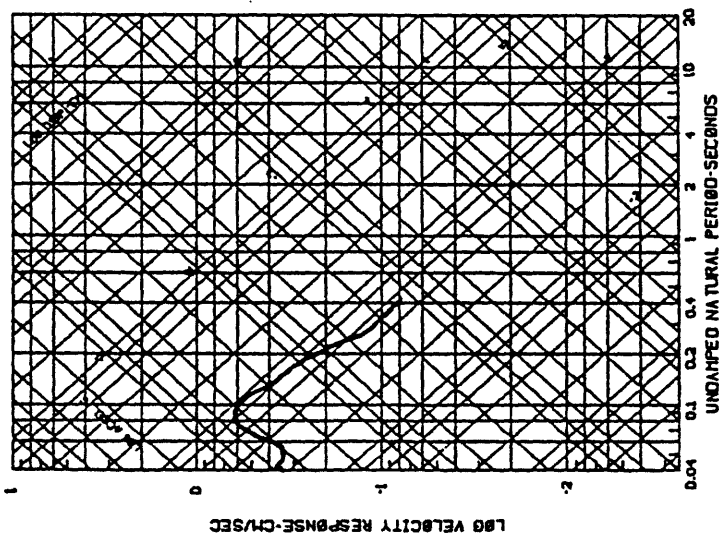
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L 3.3
 STATION TSS 000
 5 PERCENT CRITICAL DAMPING



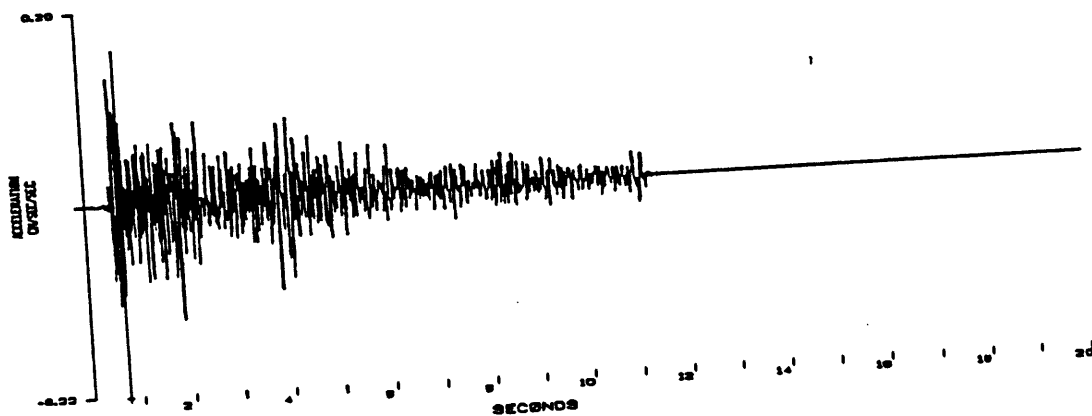
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L 3.3
 STATION TSS 270
 5 PERCENT CRITICAL DAMPING



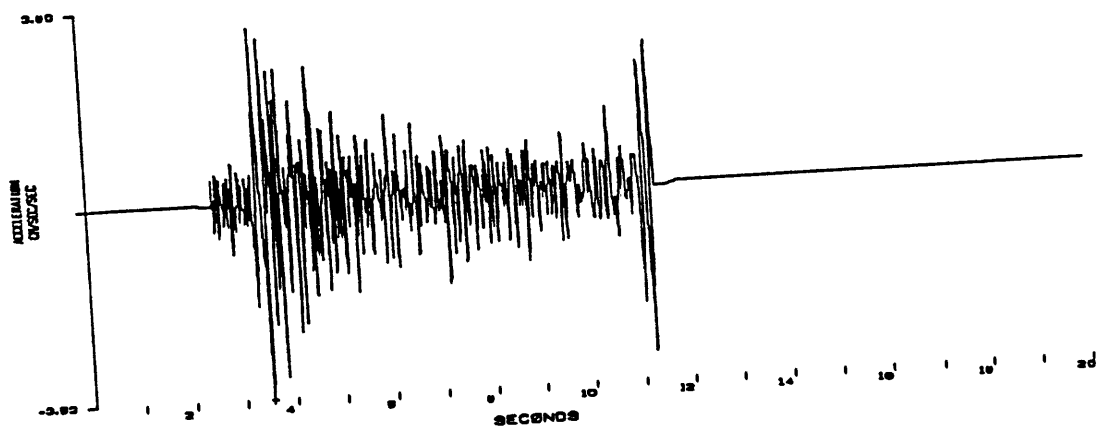
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/20/79 14:52:55 UTC, M_L 3.3
 STATION TSS 300
 5 PERCENT CRITICAL DAMPING



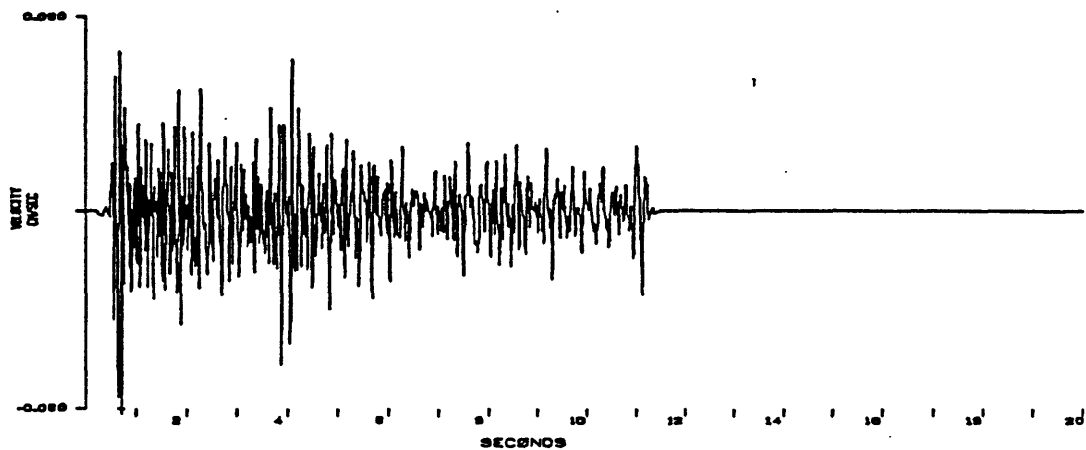
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION RVR, VERT



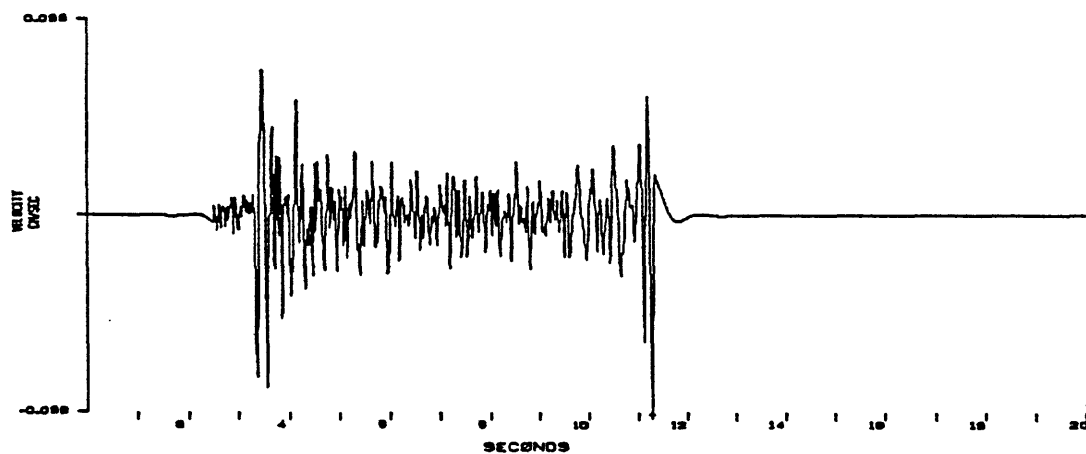
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION RVR, 370



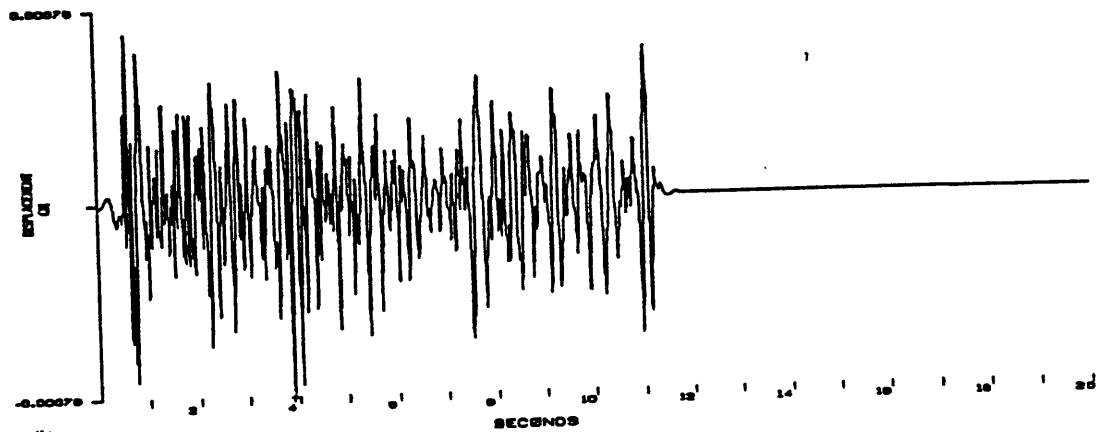
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION RVR, VERT



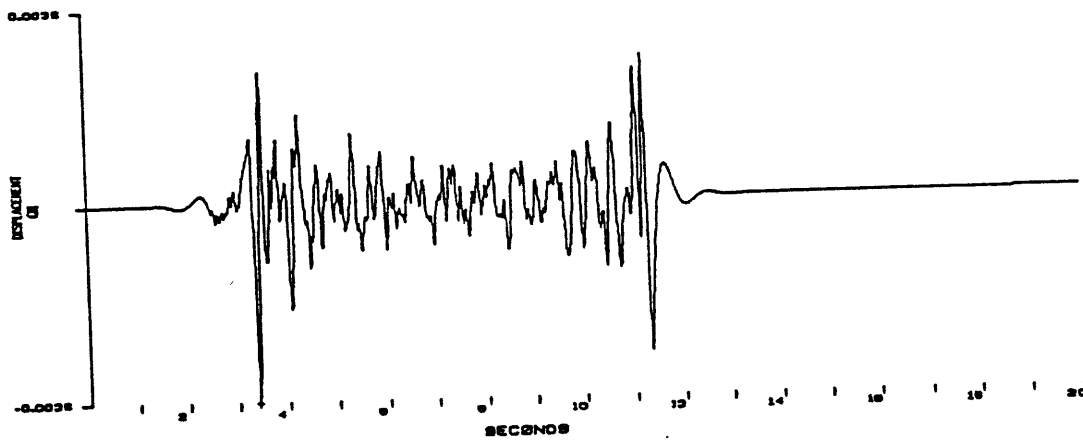
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION RVR, 270



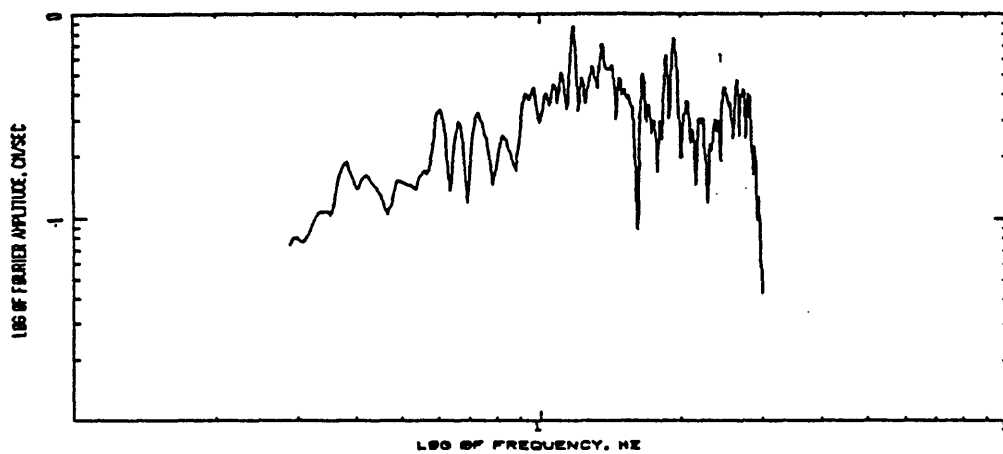
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, VERT



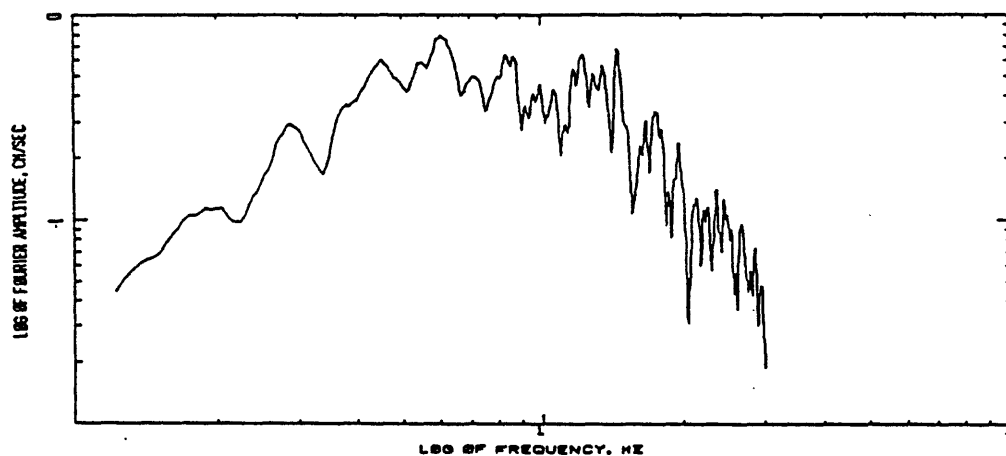
IMPERIAL VALLEY EARTHQUAKE, 10/20/70, 14:52:55 UTC, ML-3.3
STATION RVR, 270



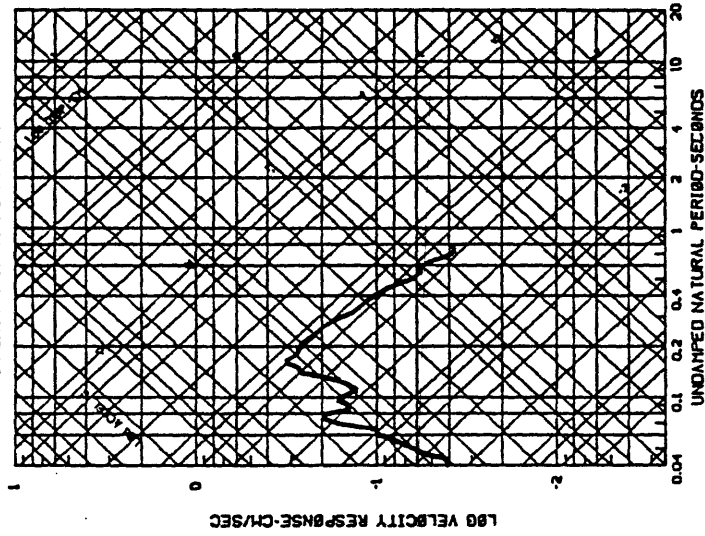
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:50:28.12, 02:05 UTC. RL-3.3
 COMPUTING OPTIONS- ZCRSS,SHOOTM101,NONBIE



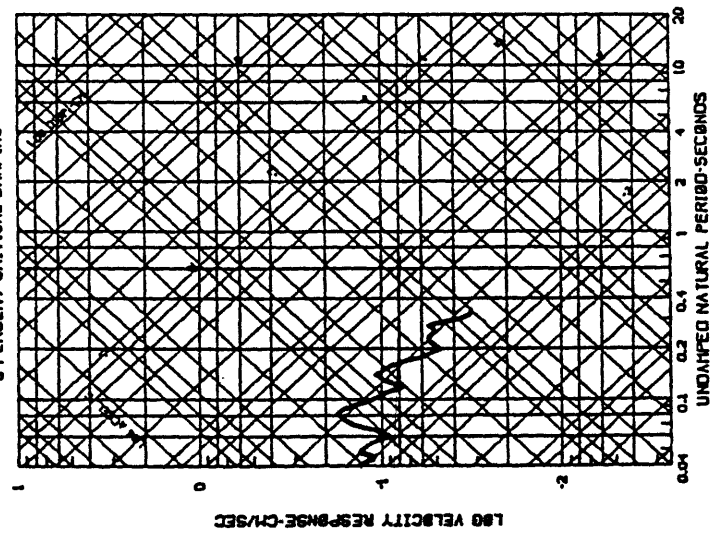
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:50:28.12, 02:05 UTC. RL-3.3
 COMPUTING OPTIONS- ZCRSS,SHOOTM101,NONBIE



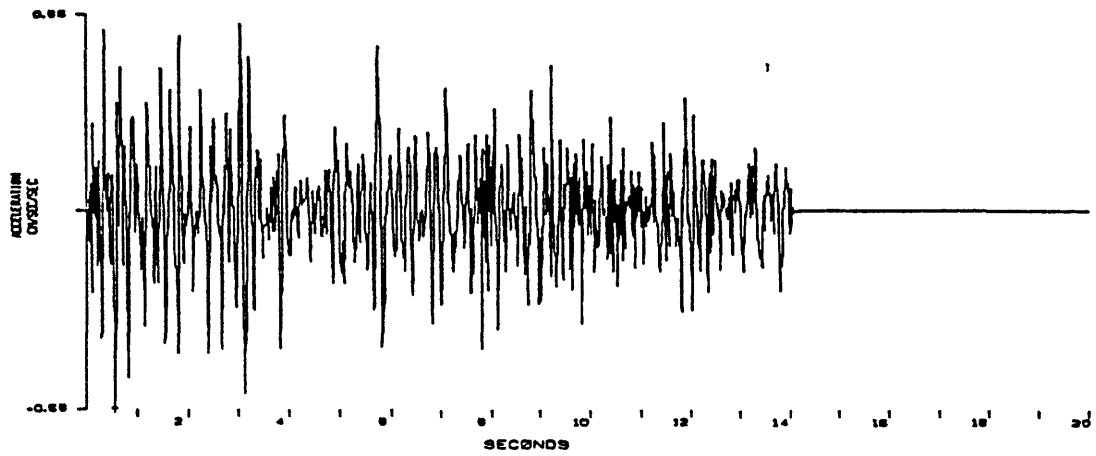
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 4:52:55 UTC, FL-33
 5 PERCENT CRITICAL DAMPING



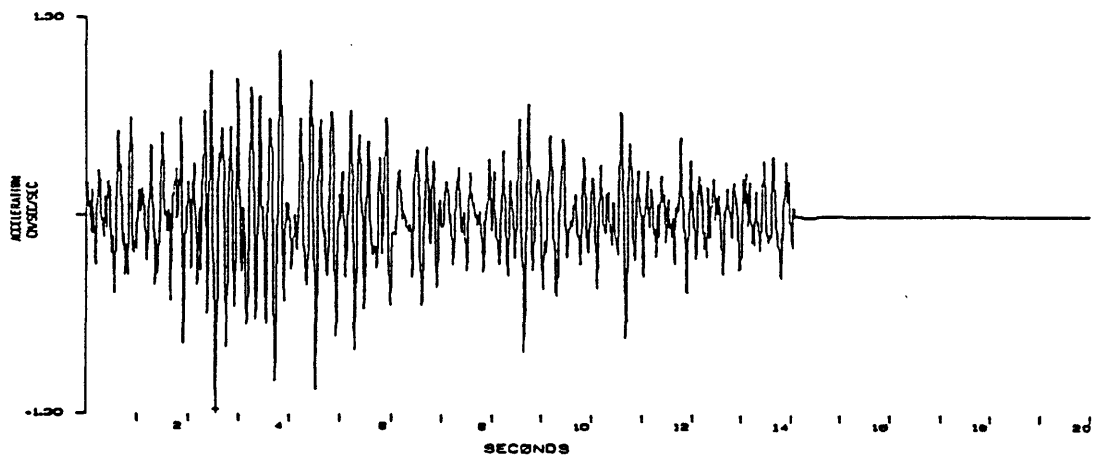
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 4:52:55 UTC, FL-33
 5 PERCENT CRITICAL DAMPING



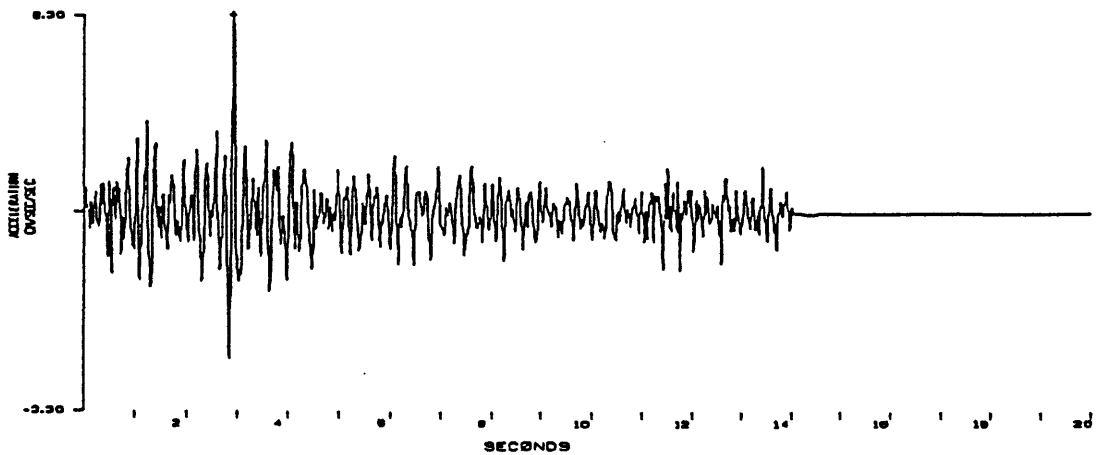
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO. V671



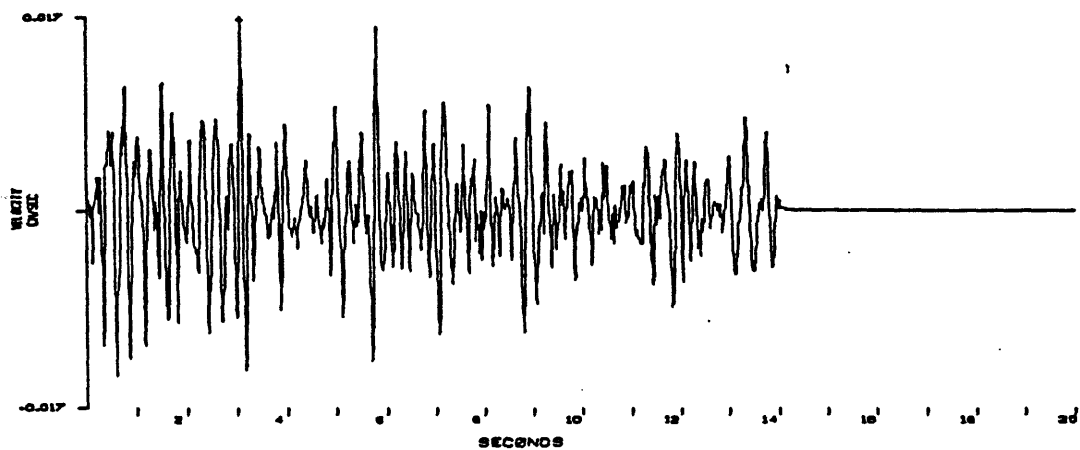
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO. 000



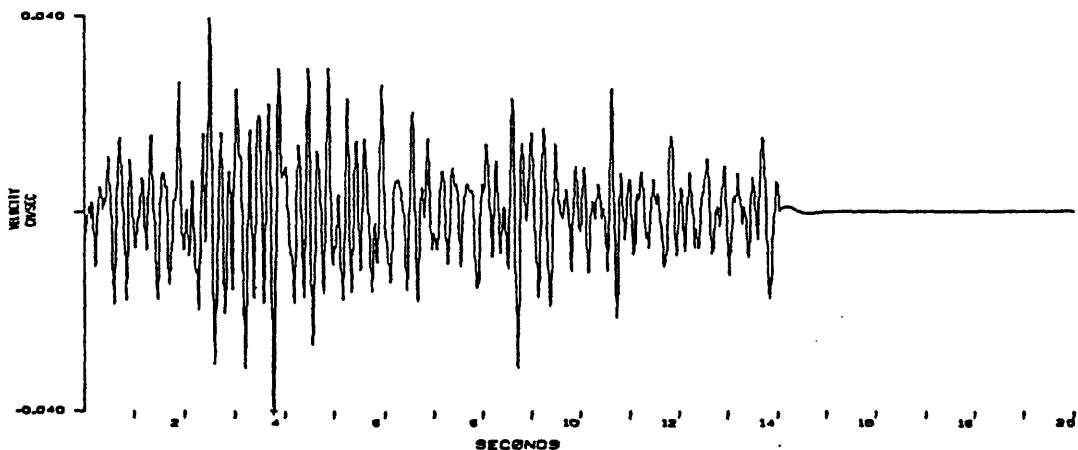
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO. 273



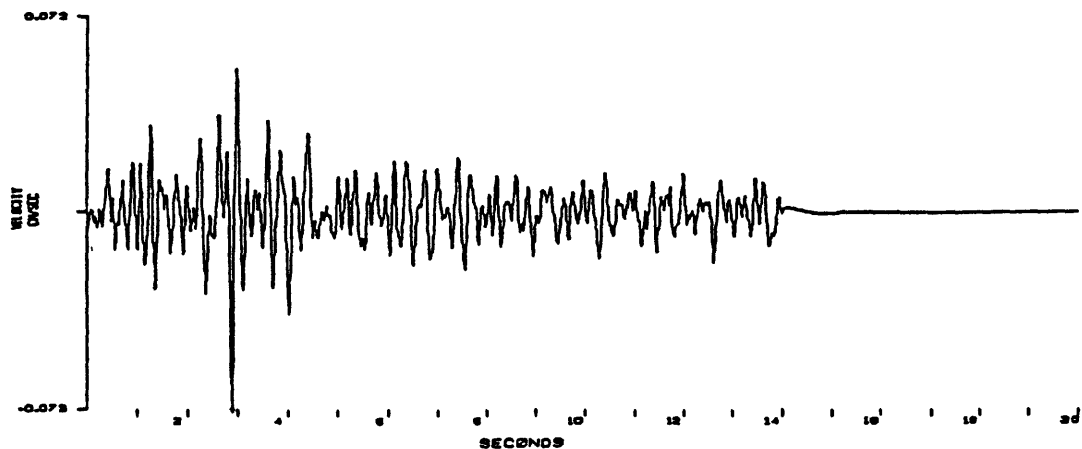
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, VERT



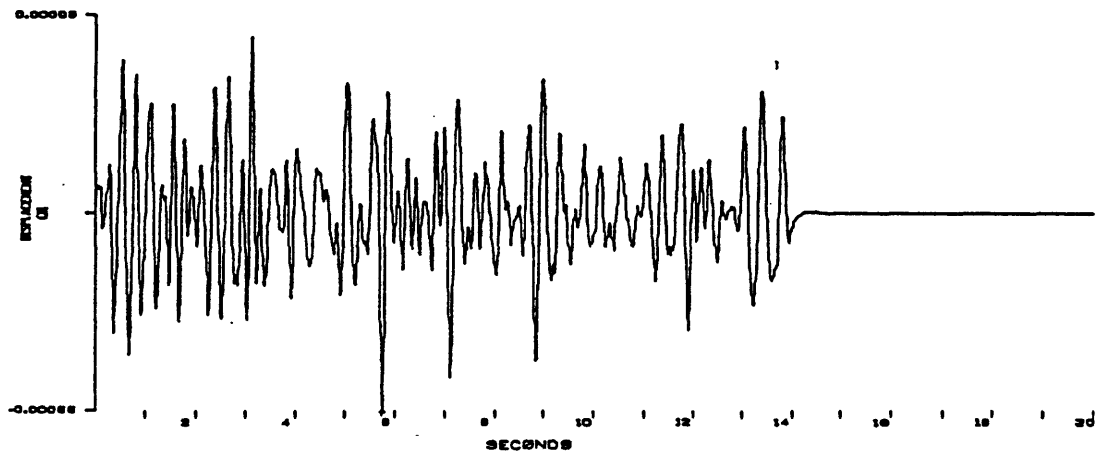
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, 000



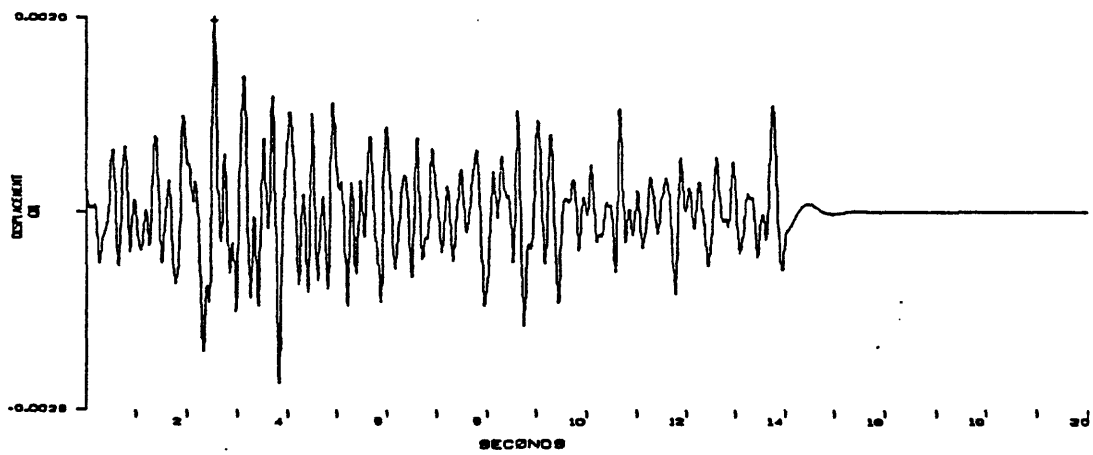
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLD, 270



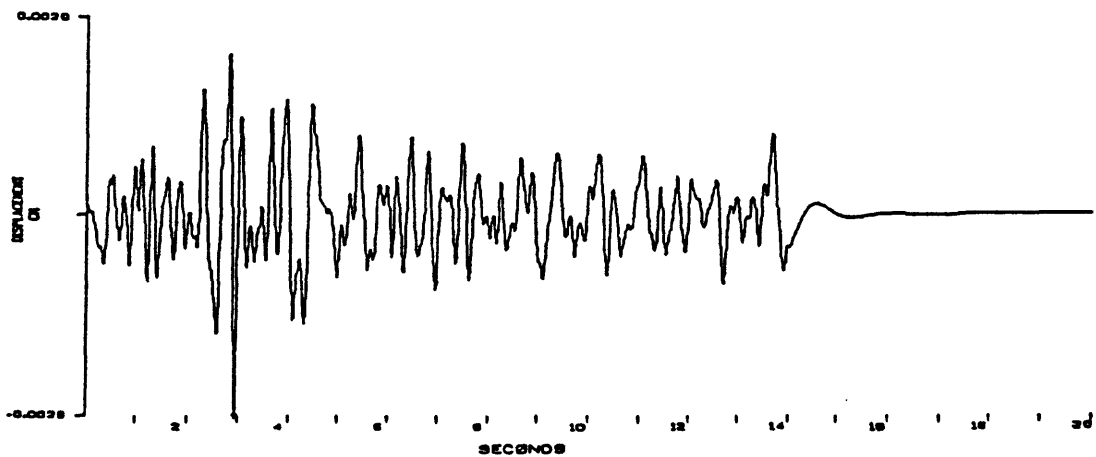
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, VERT



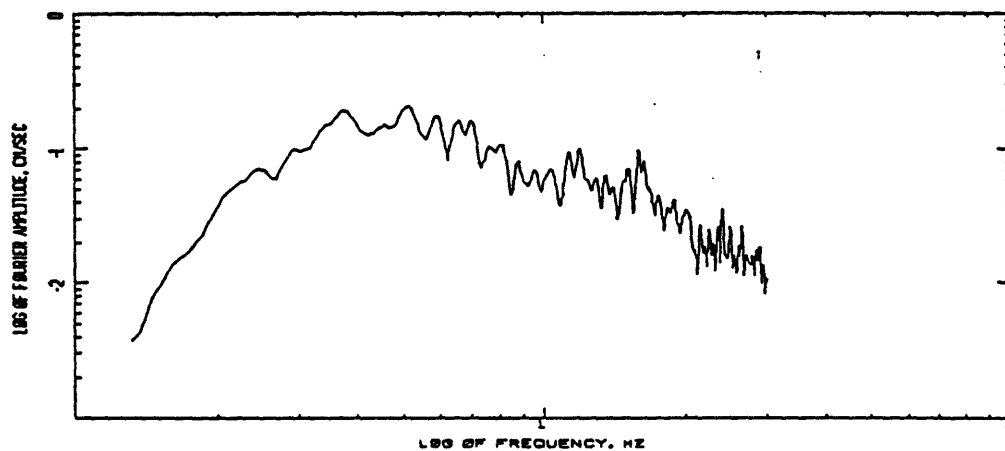
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 000



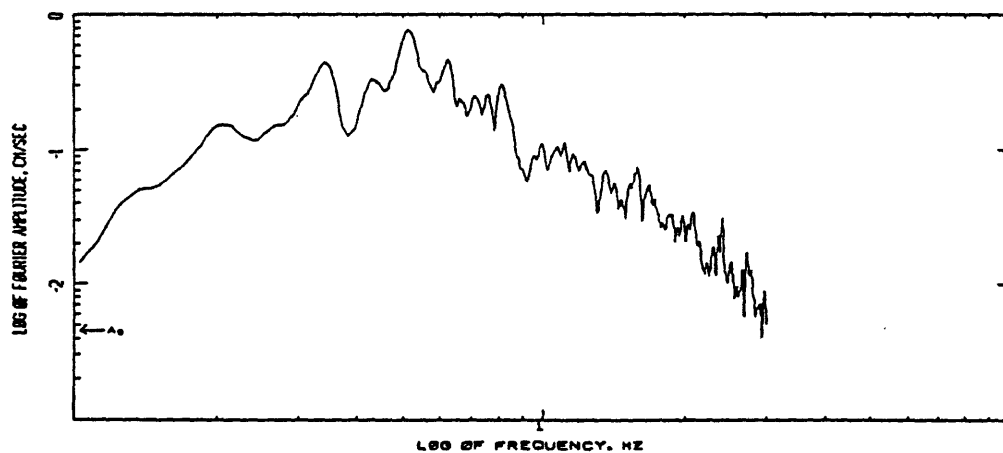
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION SLO, 170



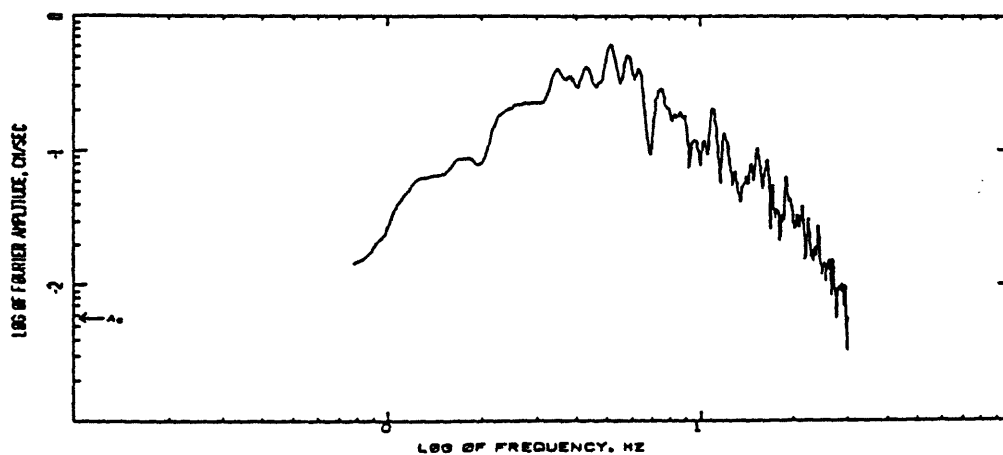
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 107302YB, 12483155 UTC, HL-3.3
 STA. ON SLO. VERT.
 COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONBIS



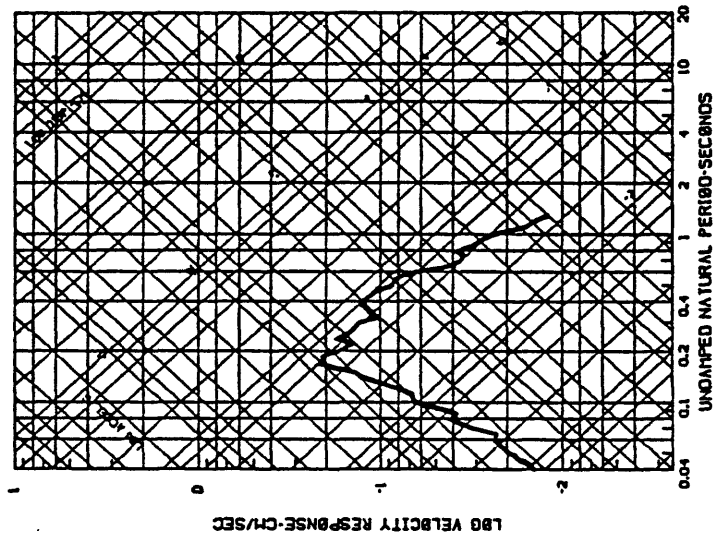
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 107302YB, 12483155 UTC, HL-3.3
 STA. ON SLO. VERT.
 COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONBIS



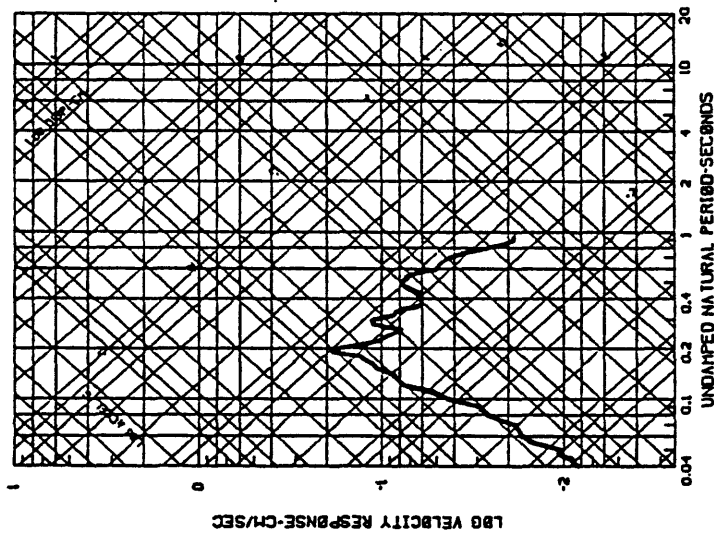
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 107302YB, 12483155 UTC, HL-3.3
 STA. ON SLO. VERT.
 COMPUTING OPTIONS- ZCRSS, SMOOTH(10), NONBIS



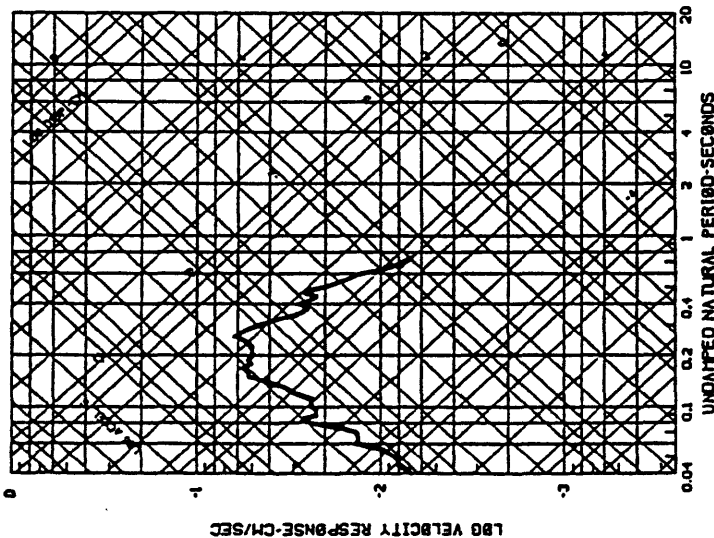
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION S10, 270
5 PERCENT CRITICAL DAMPING



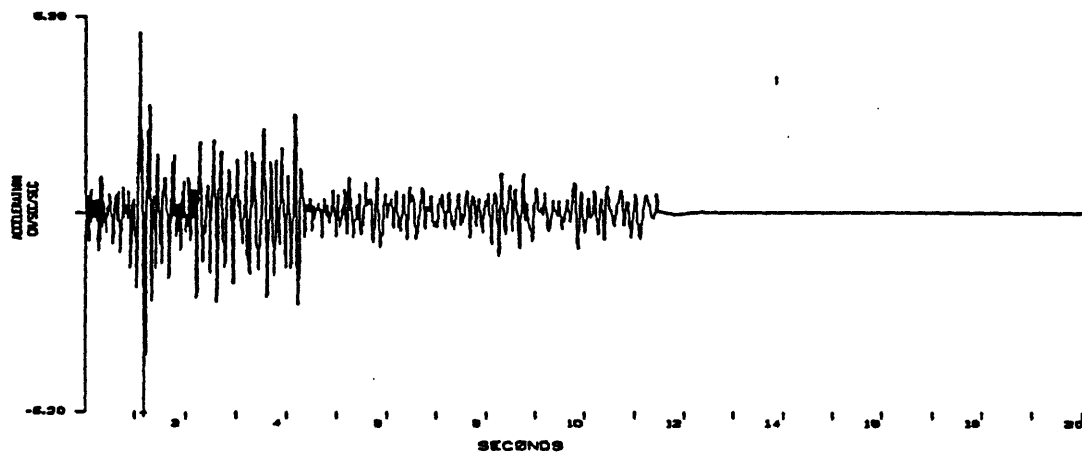
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION S10, 000
5 PERCENT CRITICAL DAMPING



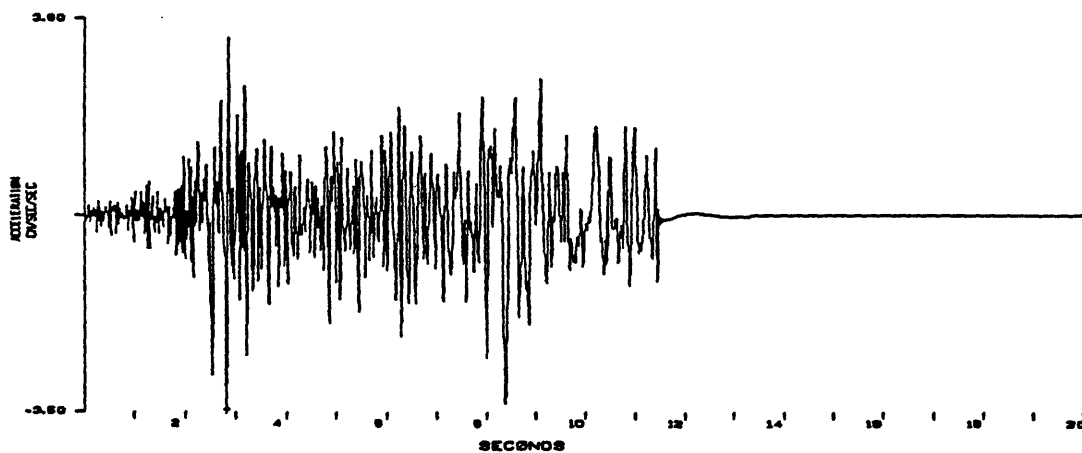
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/20/79, 14:52:55 UTC, ML-3.3
STATION S10, 000
5 PERCENT CRITICAL DAMPING



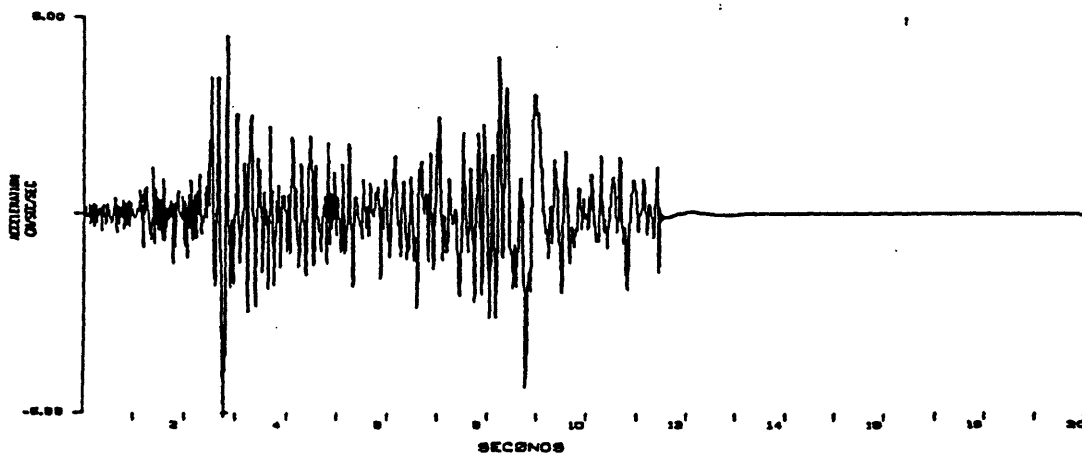
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 62R4



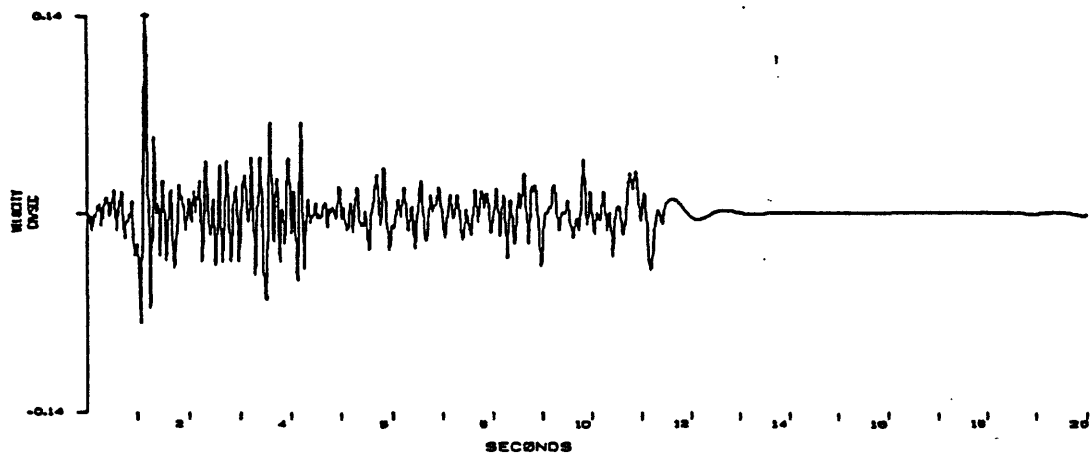
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 00U



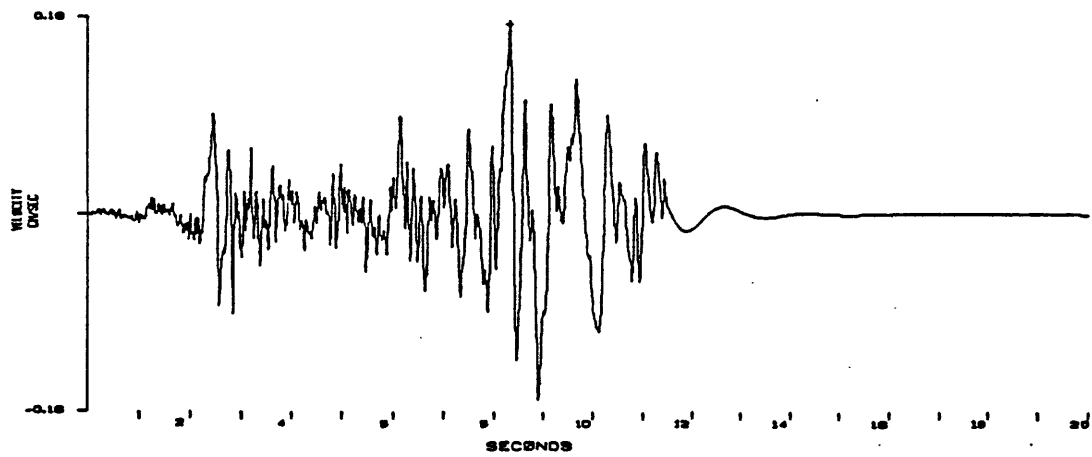
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFS, 27D



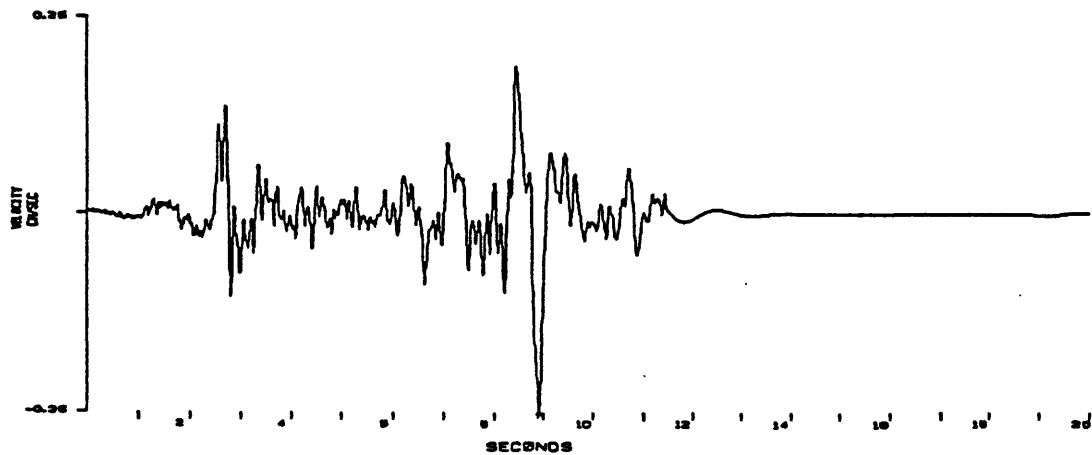
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:47:59 UTC, ML-5.3
STATION AFB, VERT



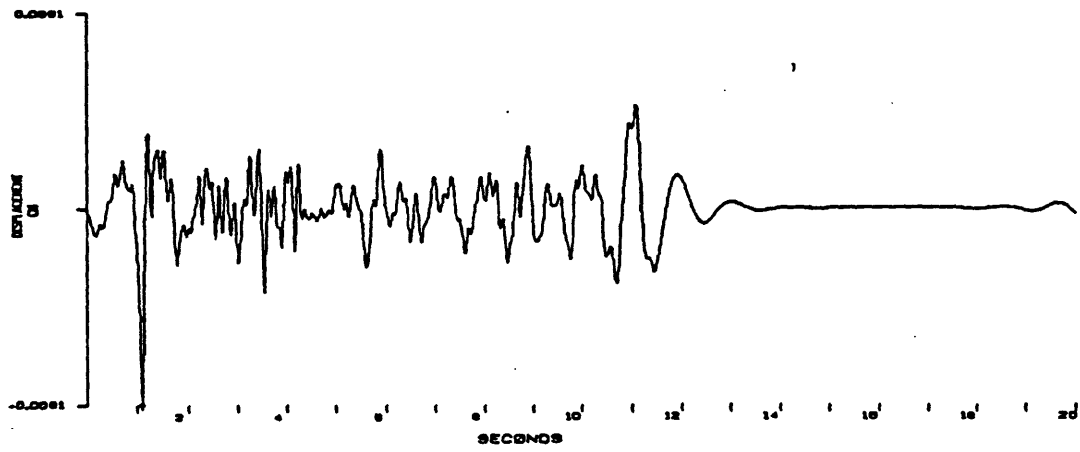
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION AFB, ODU



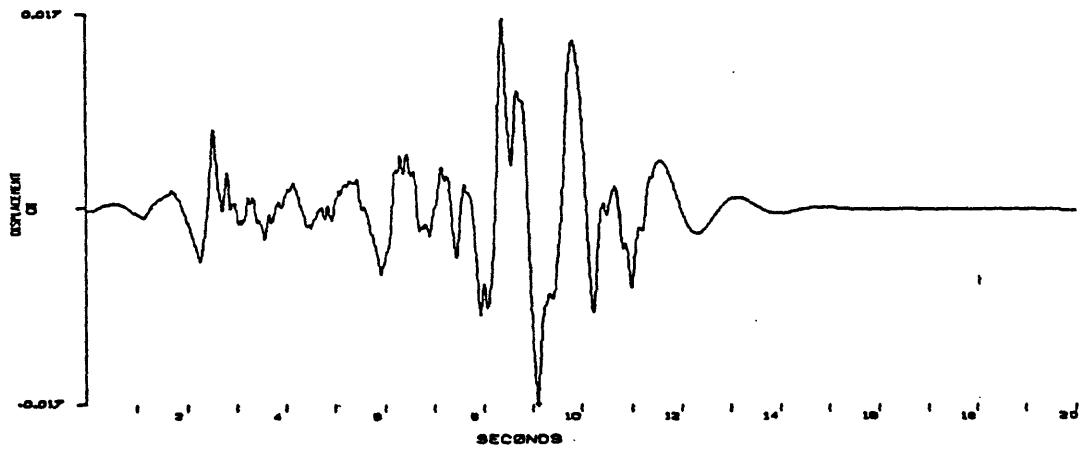
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION AFB, 27U



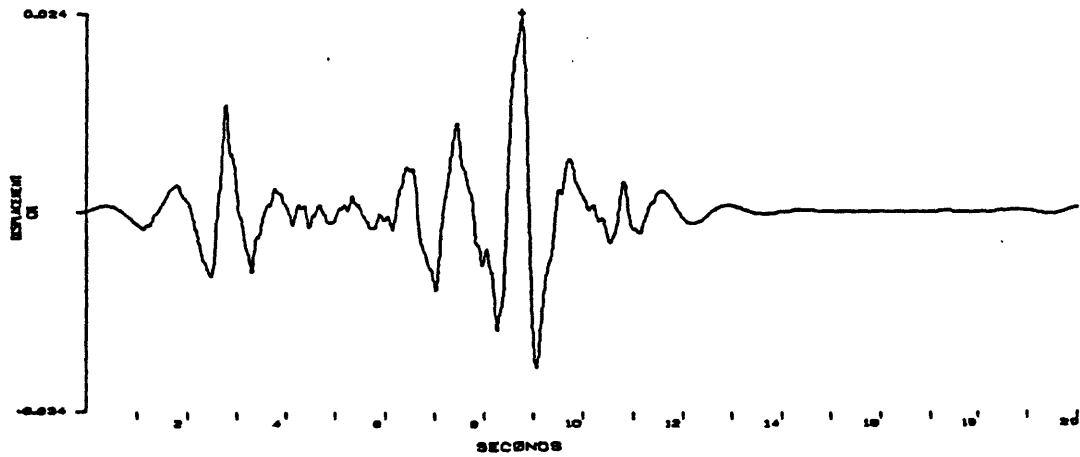
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 681



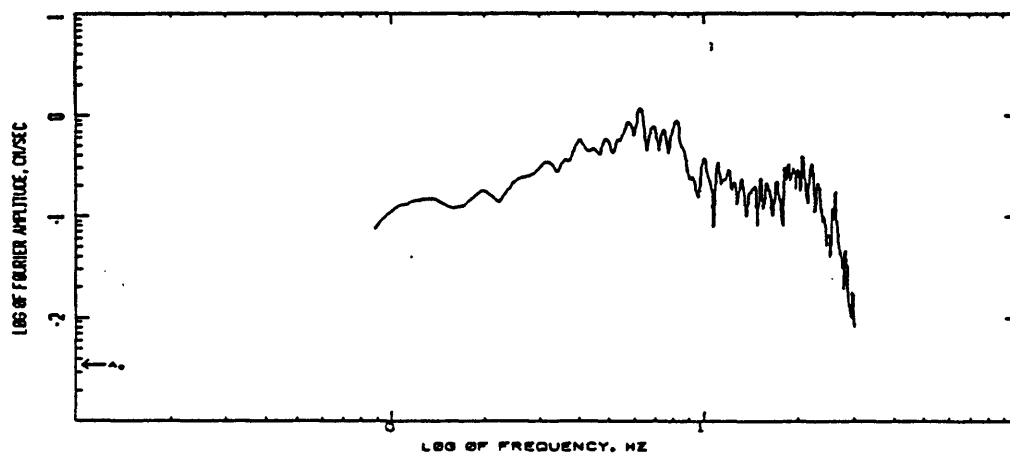
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 000



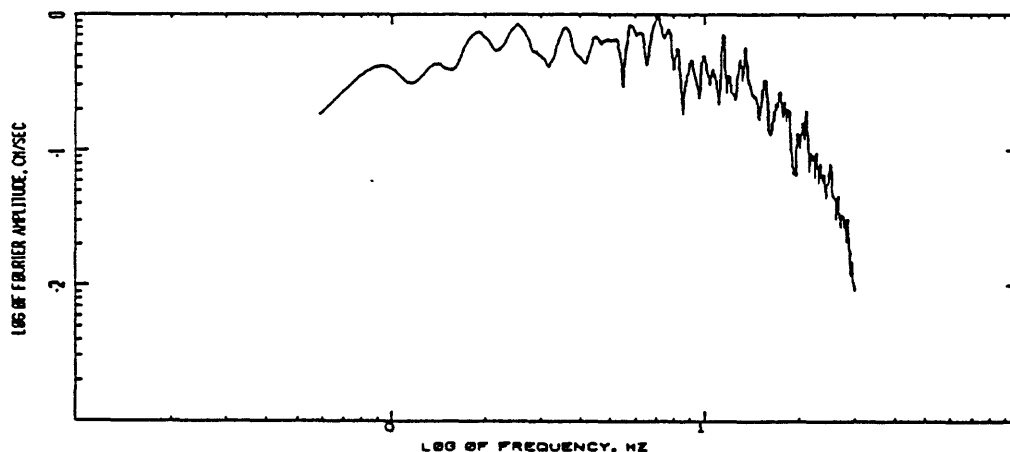
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION AFB, 270



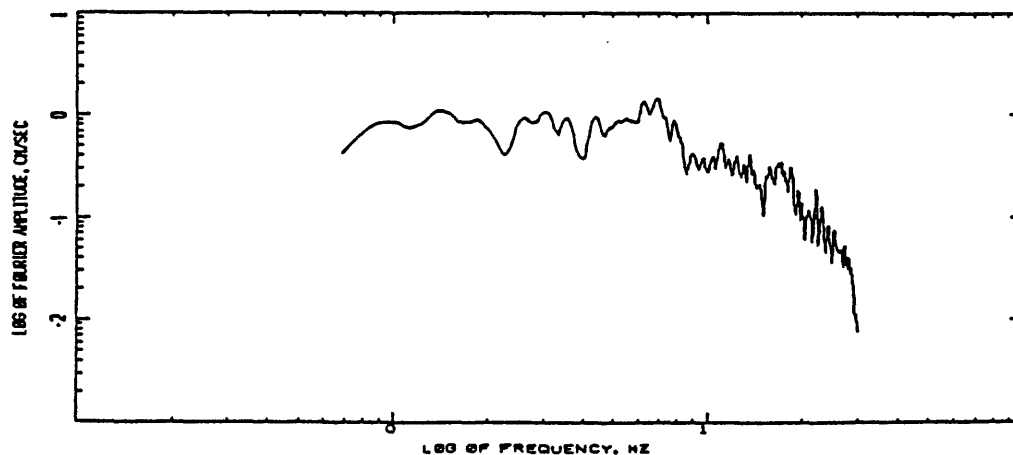
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 07/21/76, 08:17:55 UTC, ML-3.3
 STATION 118, 119, 120
 COMPUTING OPTIONS - ZCROSS,SHOOTH(10),NONSEISE



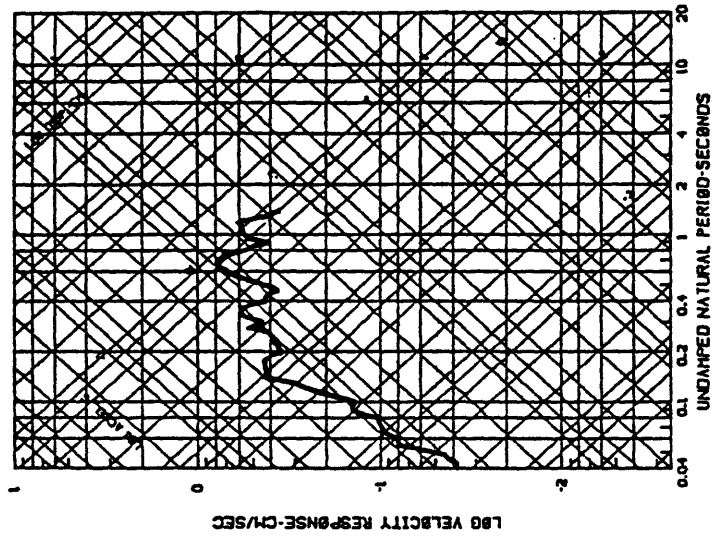
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 07/21/76, 08:17:55 UTC, ML-3.3
 STATION 118, 119, 120
 COMPUTING OPTIONS - ZCROSS,SHOOTH(10),NONSEISE



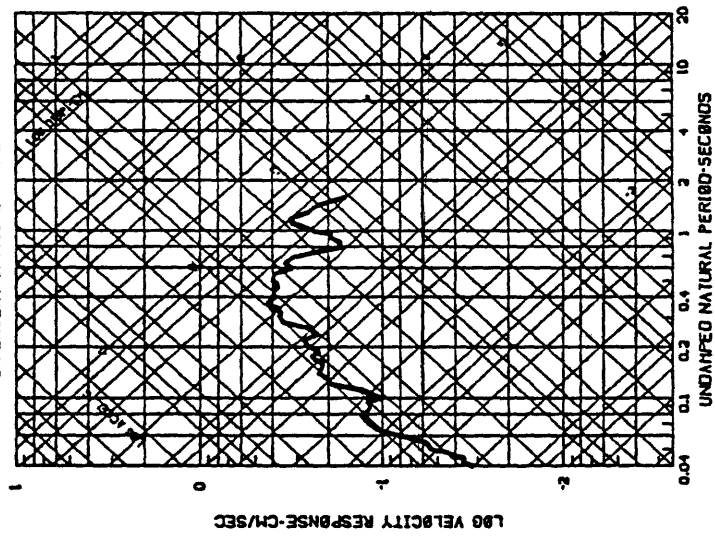
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE - 07/21/76, 08:17:55 UTC, ML-3.3
 STATION 118, 119, 120
 COMPUTING OPTIONS - ZCROSS,SHOOTH(10),NONSEISE



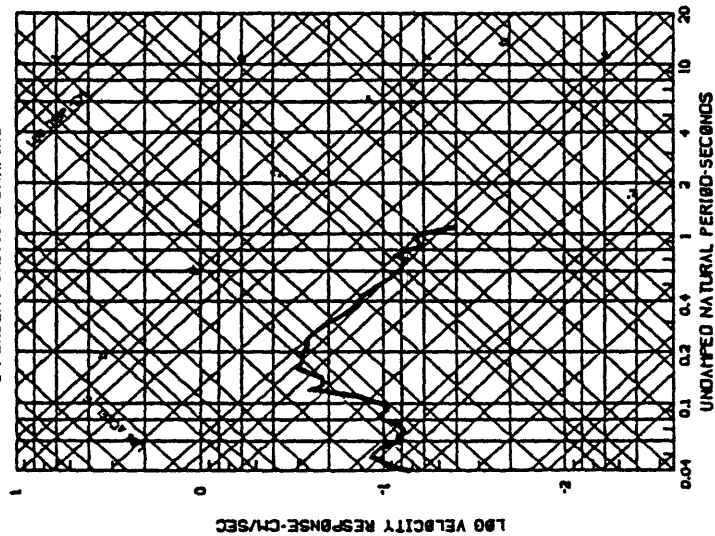
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION 078, 000
 5 PERCENT CRITICAL DAMPING



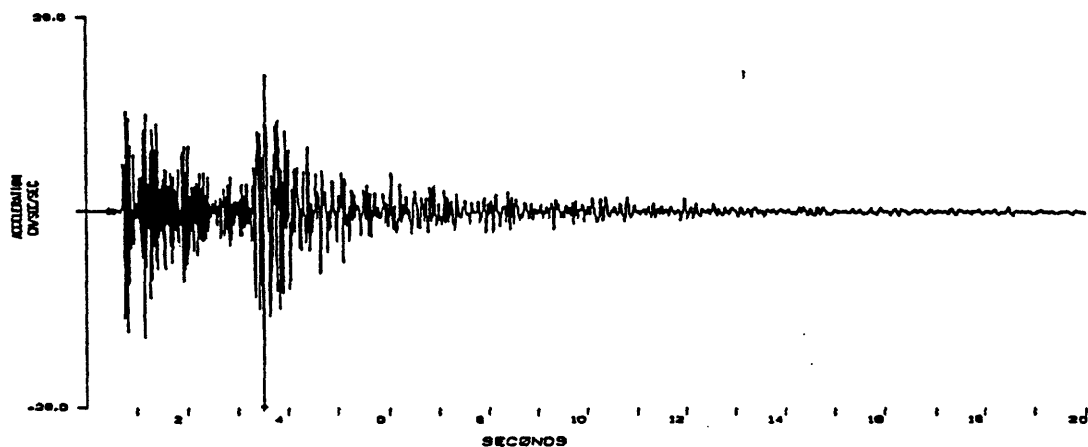
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION 078, 000
 5 PERCENT CRITICAL DAMPING



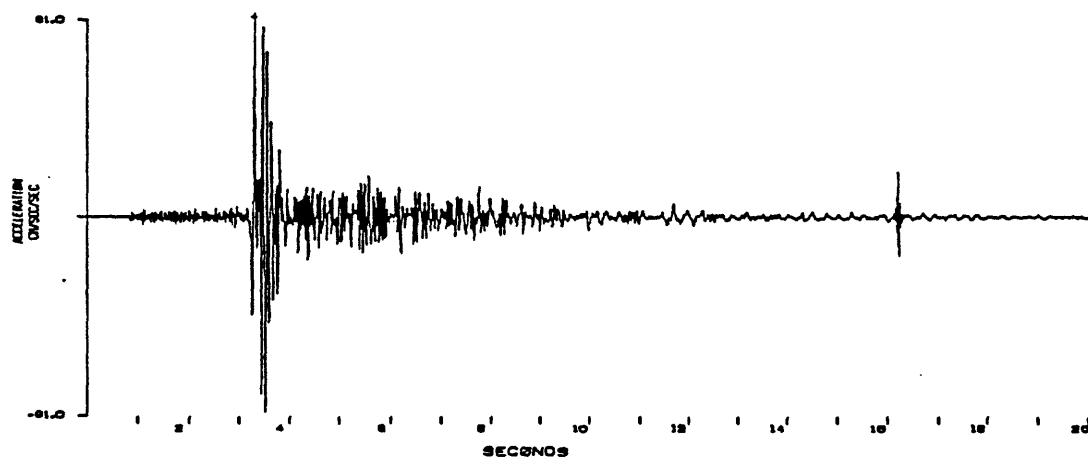
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION 078, 000
 5 PERCENT CRITICAL DAMPING



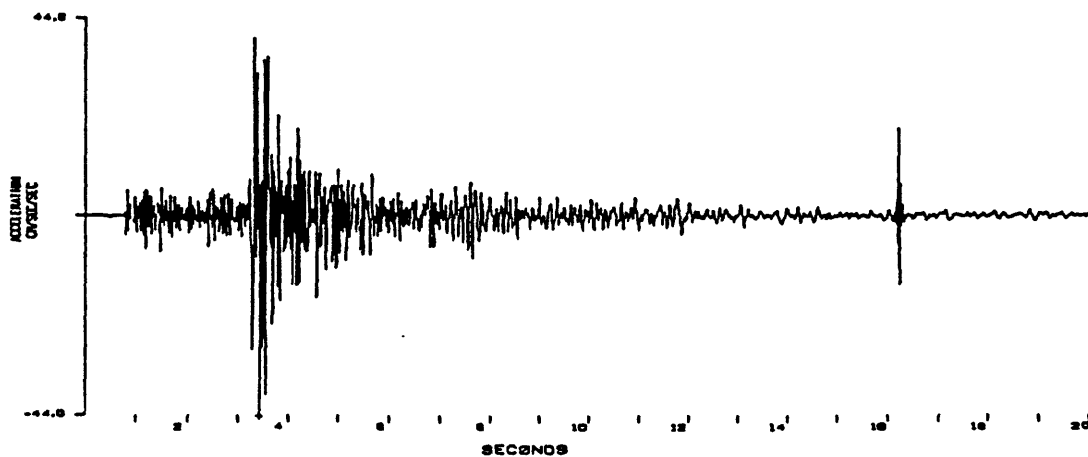
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, VER1

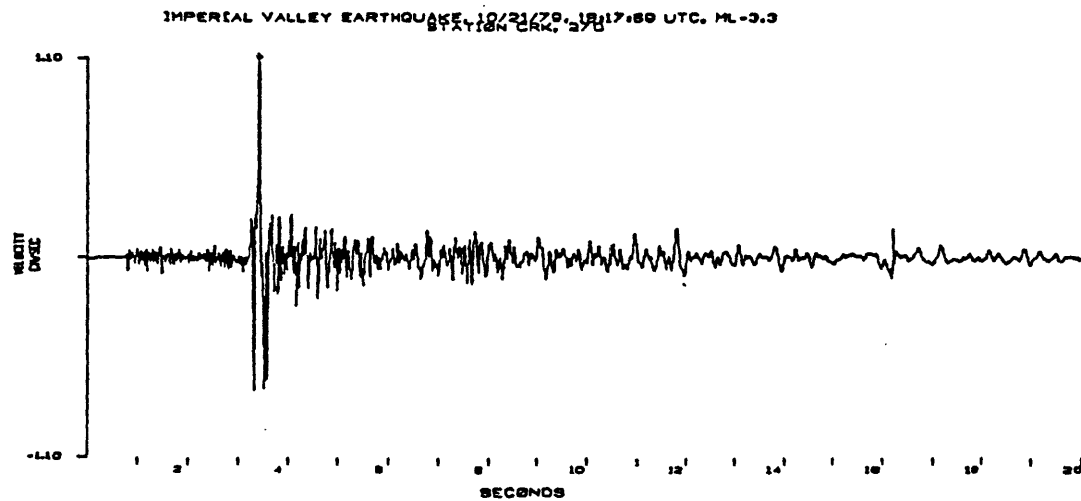
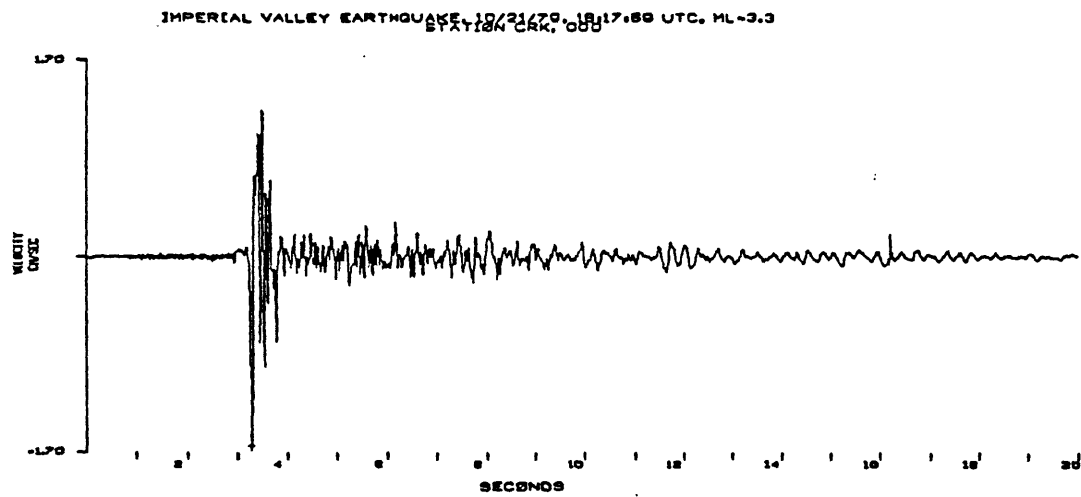
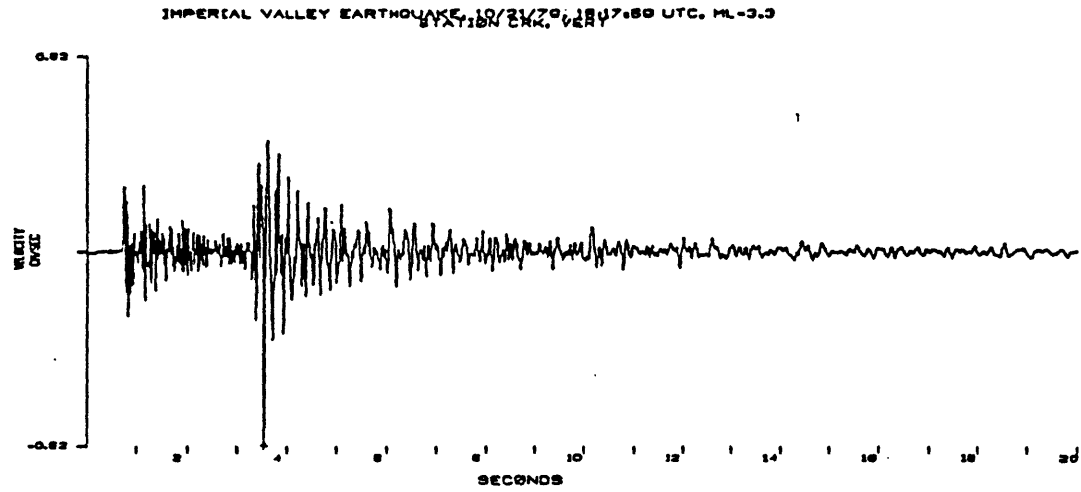


IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, GUD

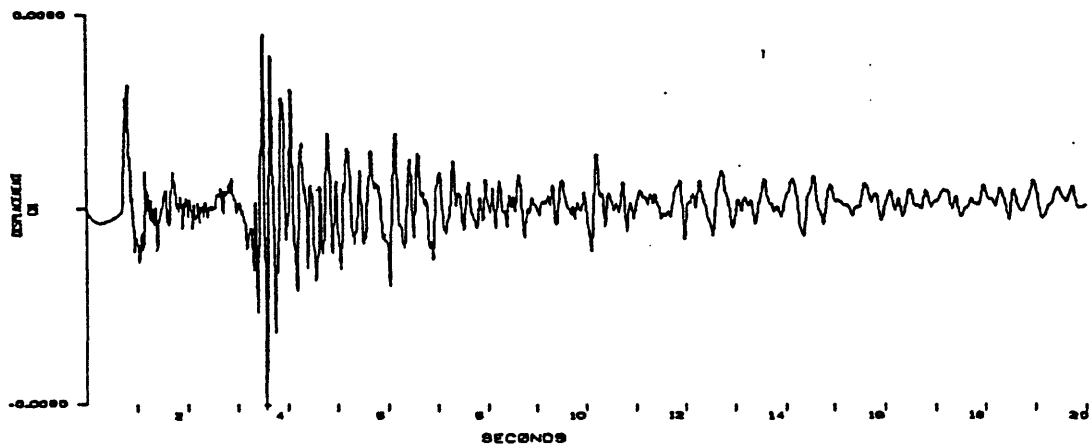


IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, 270

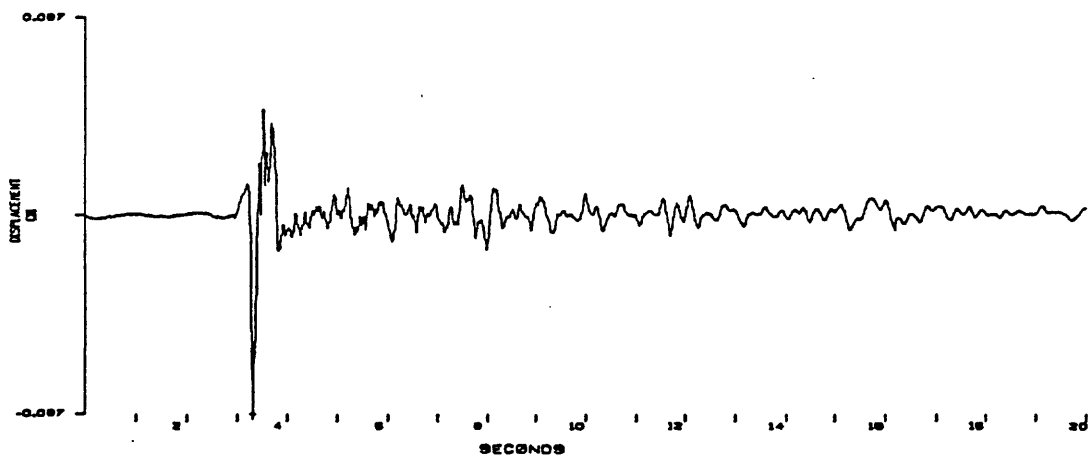




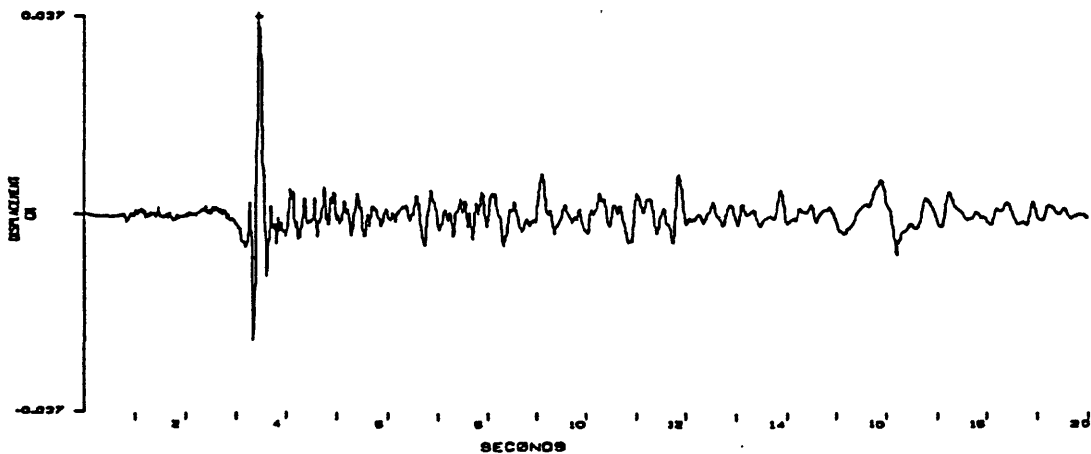
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, 4284



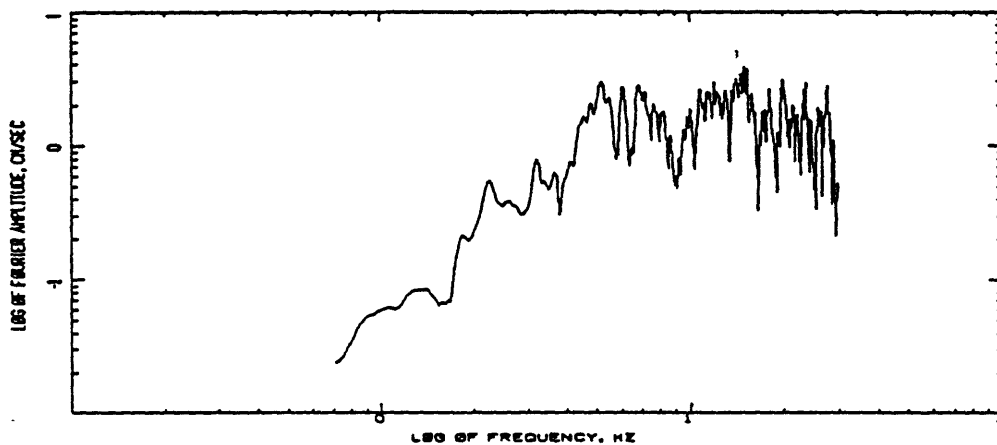
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, 000



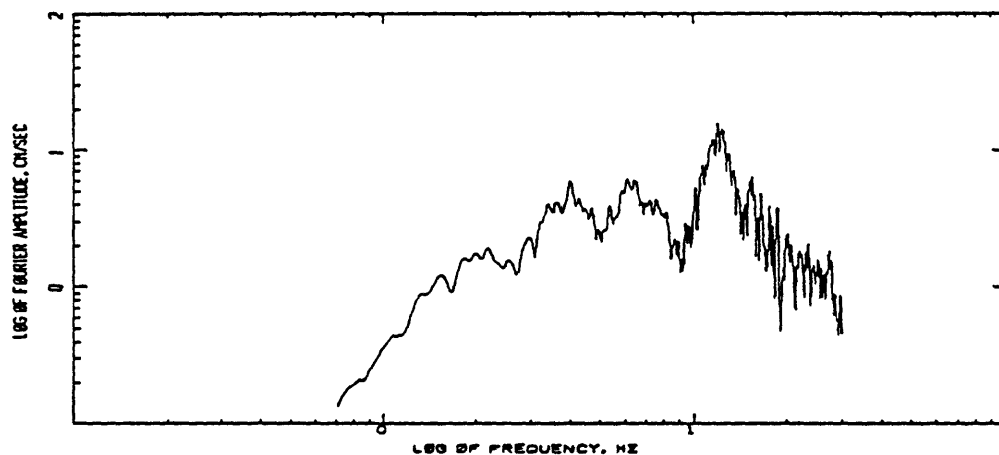
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION CRK, 278



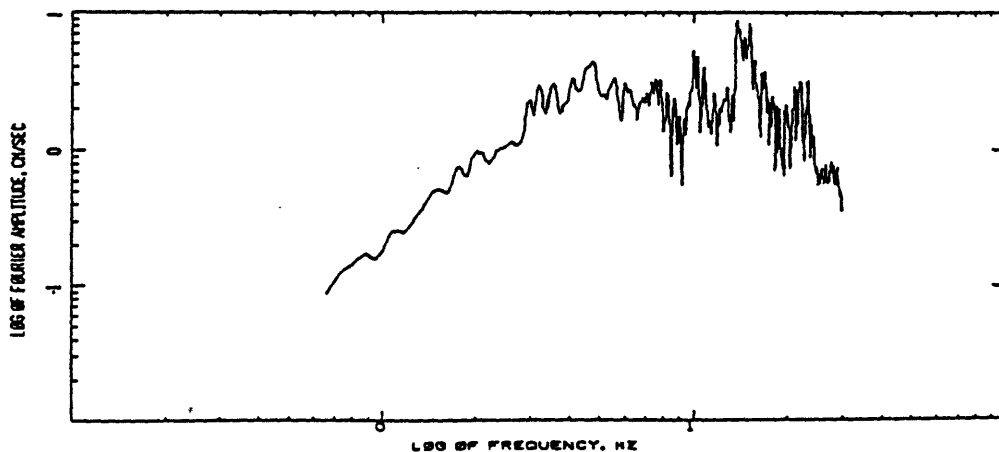
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:17:55 UTC, ML=5.3
 STATION: 18K, 002
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENBIE



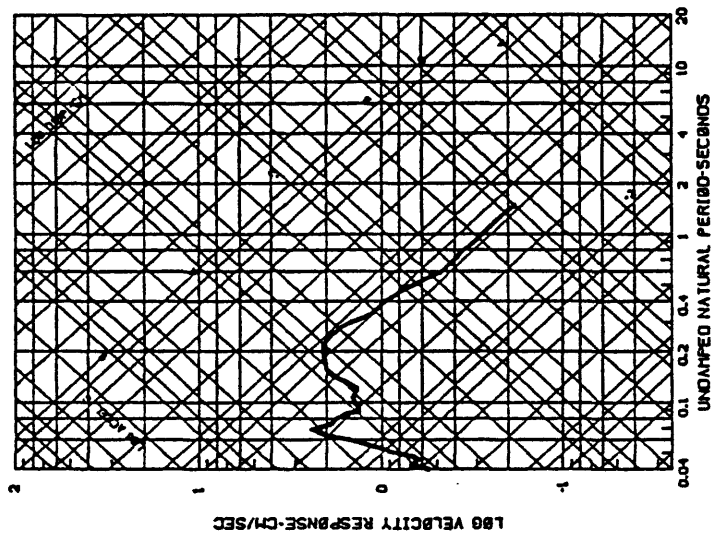
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:17:55 UTC, ML=5.3
 STATION: 18K, 002
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENBIE



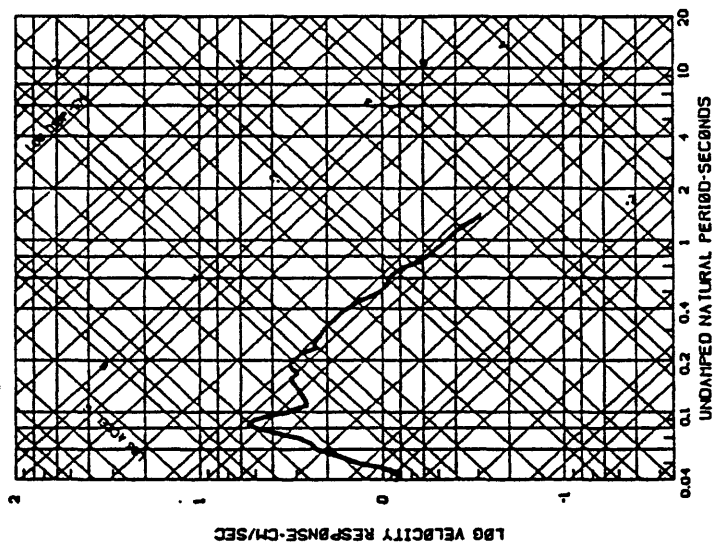
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 09/21/79, 15:17:55 UTC, ML=5.3
 STATION: 18K, 002
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENBIE



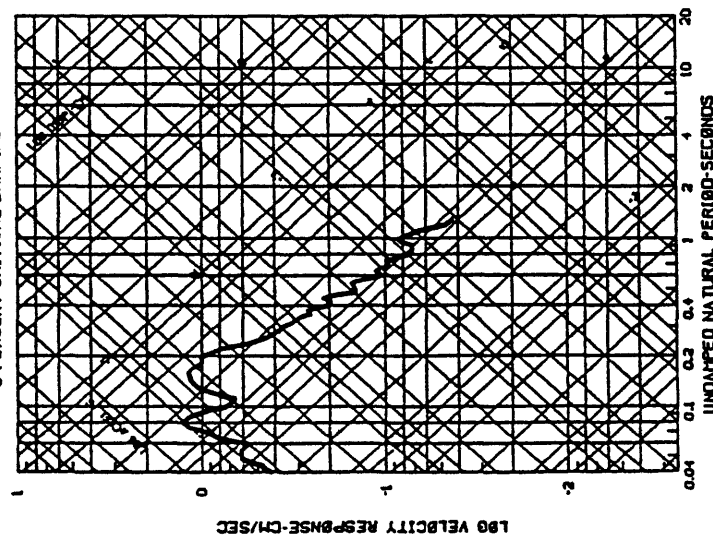
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, 370
 5 PERCENT CRITICAL DAMPING



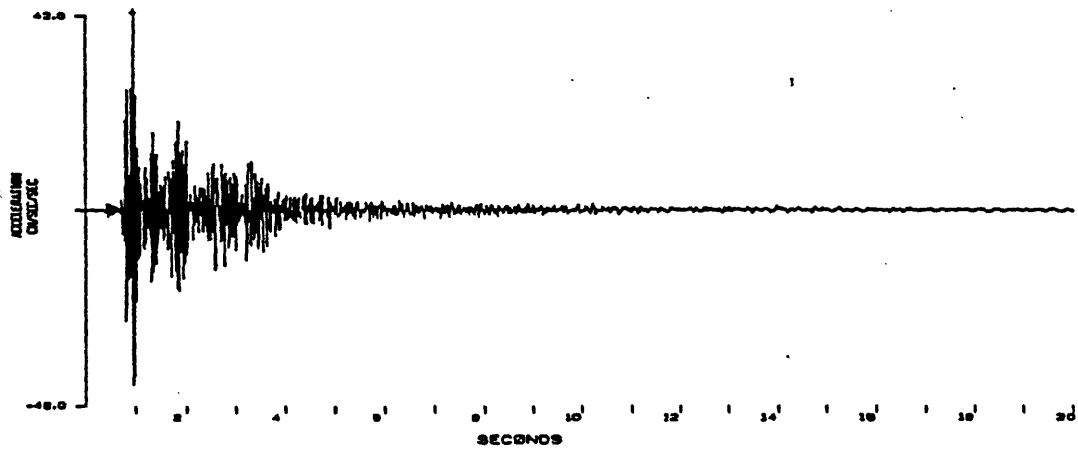
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, 000
 5 PERCENT CRITICAL DAMPING



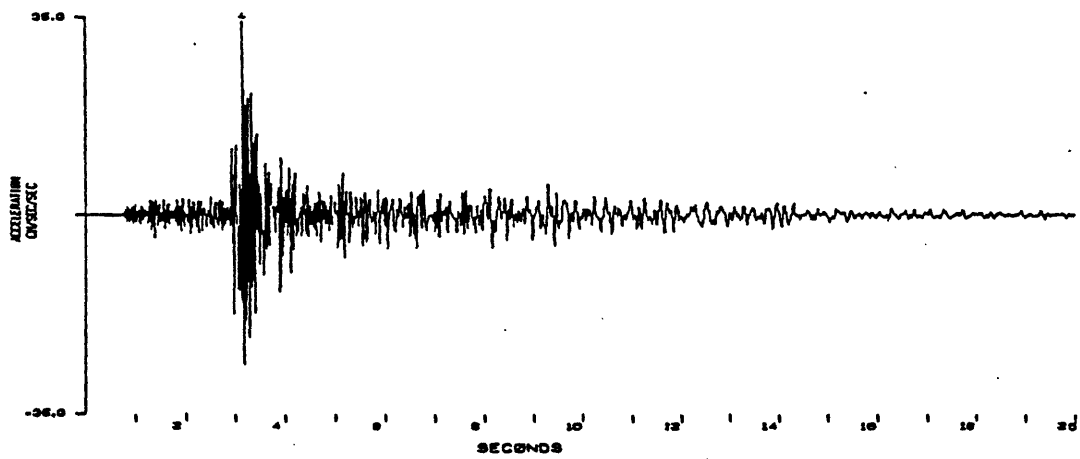
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
 STATION CRK, VERY
 5 PERCENT CRITICAL DAMPING



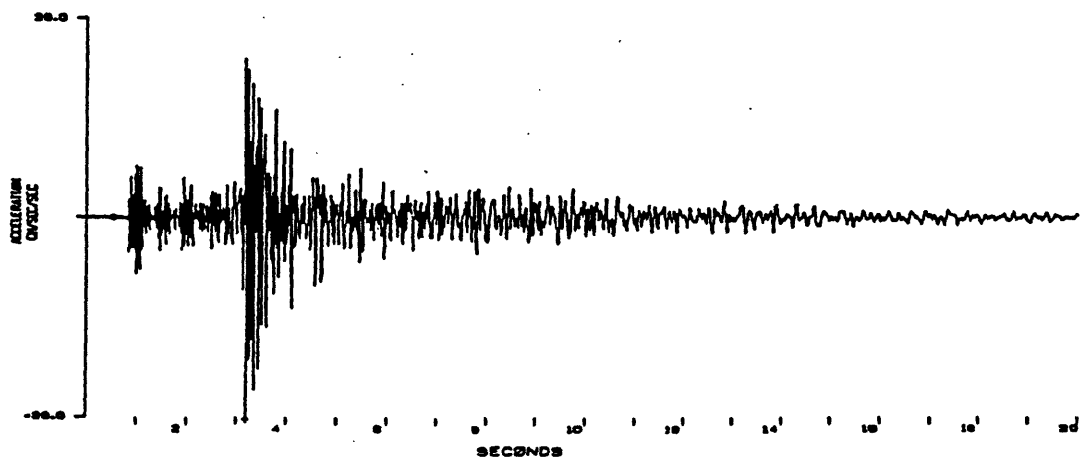
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, VERT



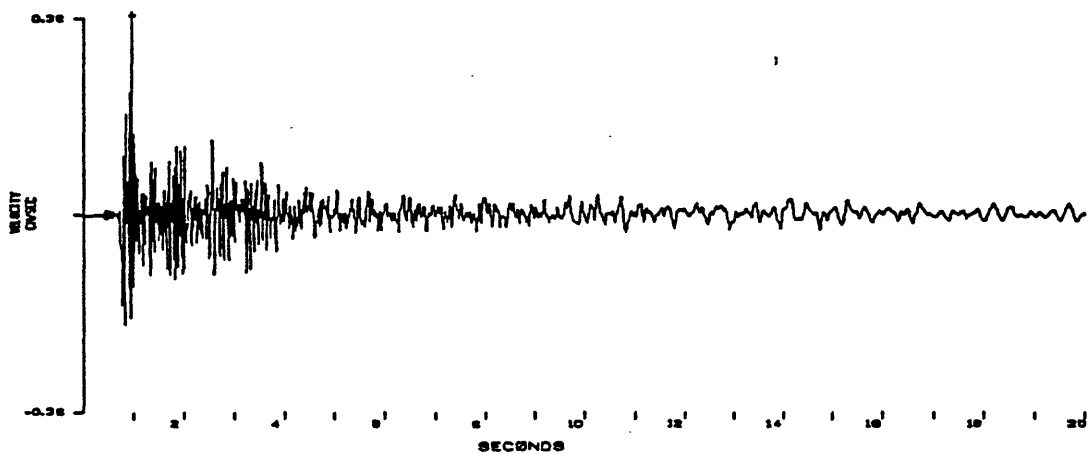
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, ODD



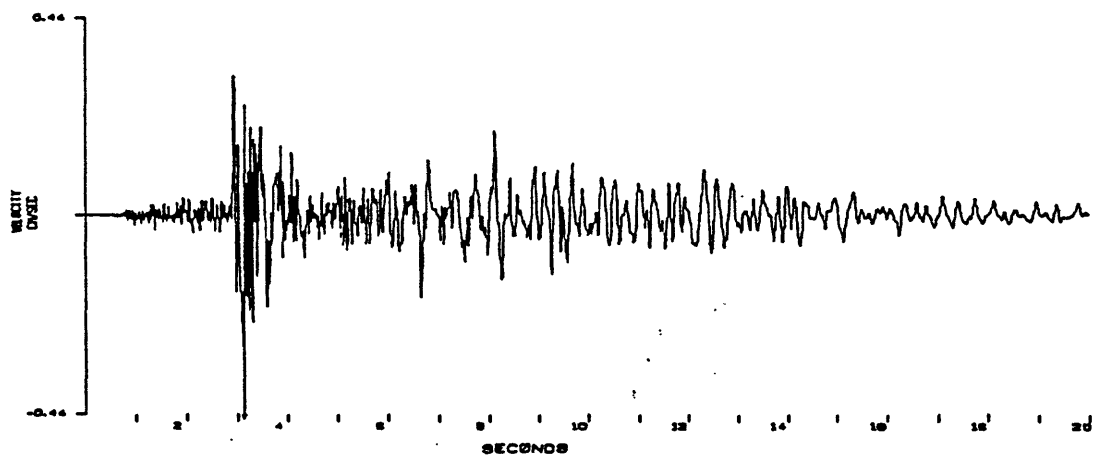
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION PBR, 2ND



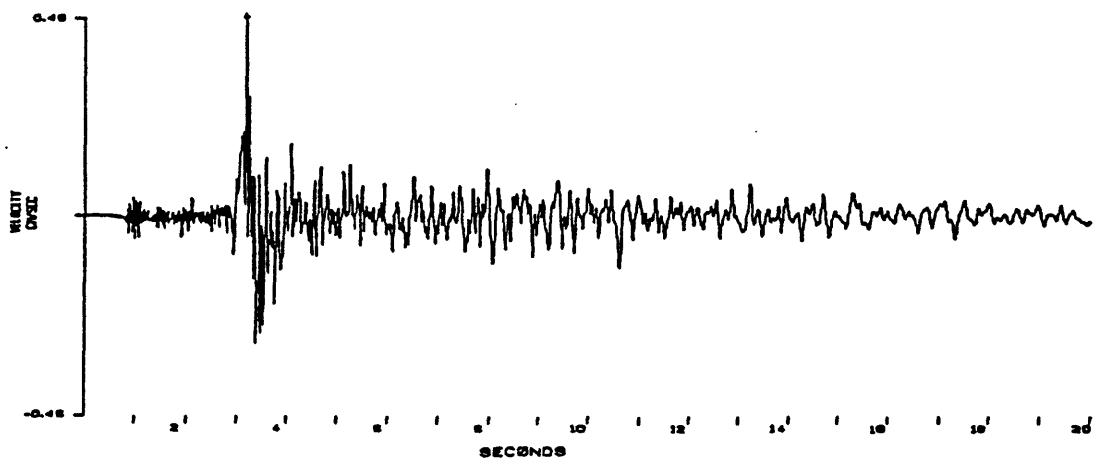
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:07:59 UTC, ML-3.3
STATION FBR, VER



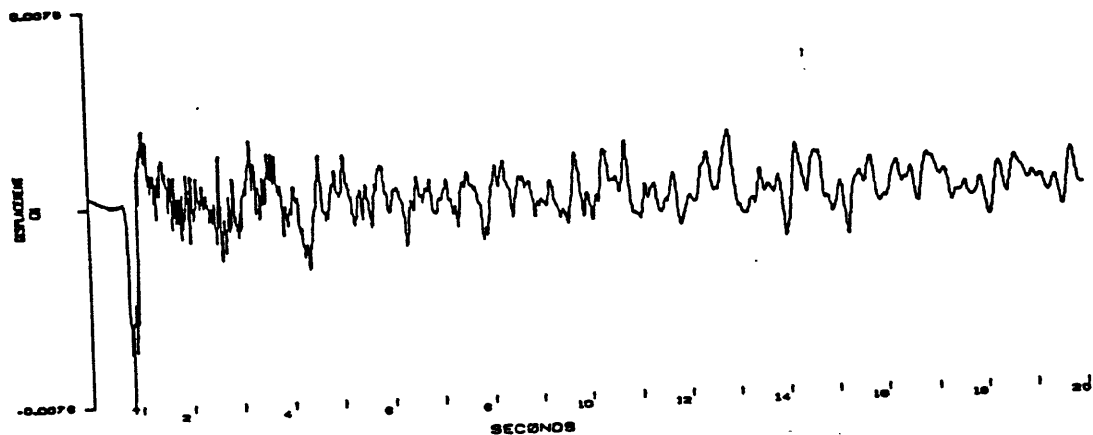
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION FBR, OOB



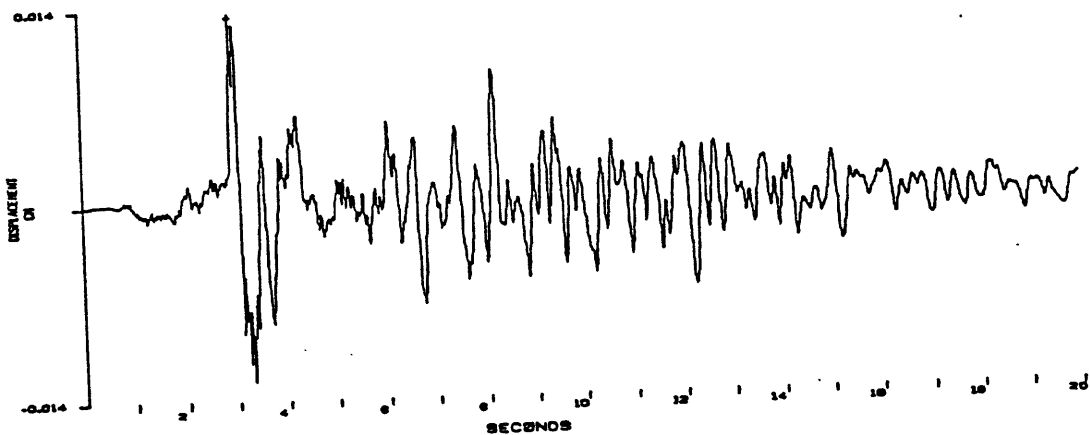
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION FBR, 278



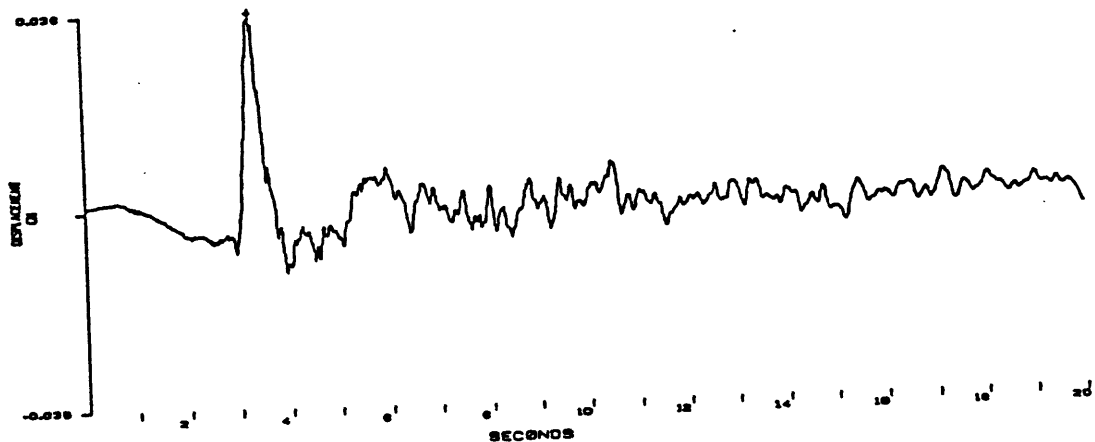
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION FBR, 667



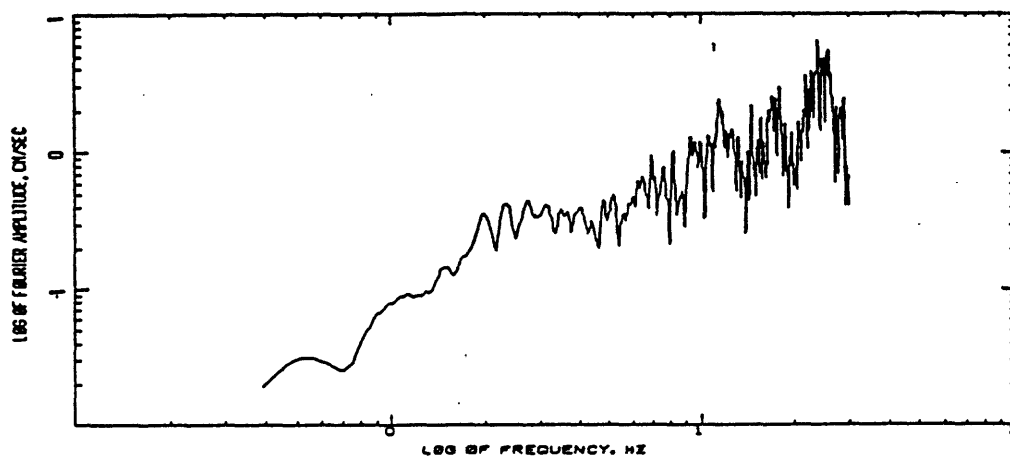
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION FBR, 000



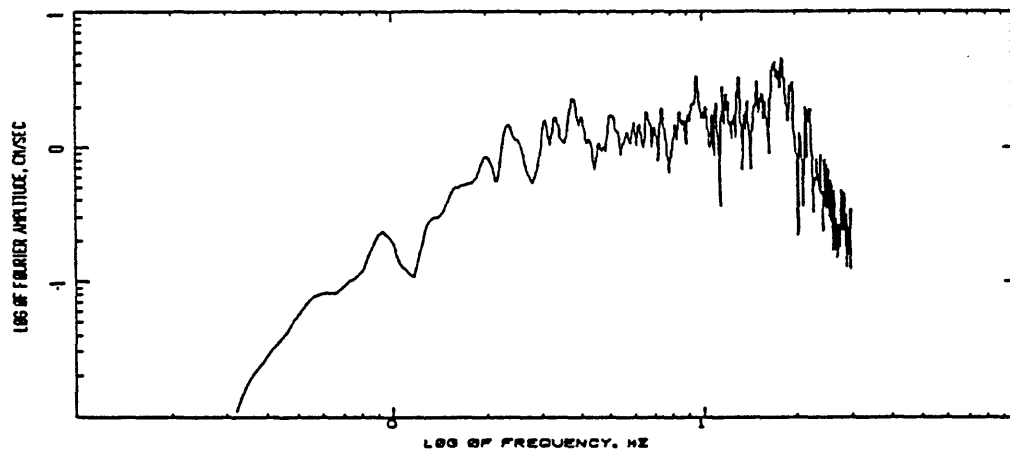
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION FBR, 270



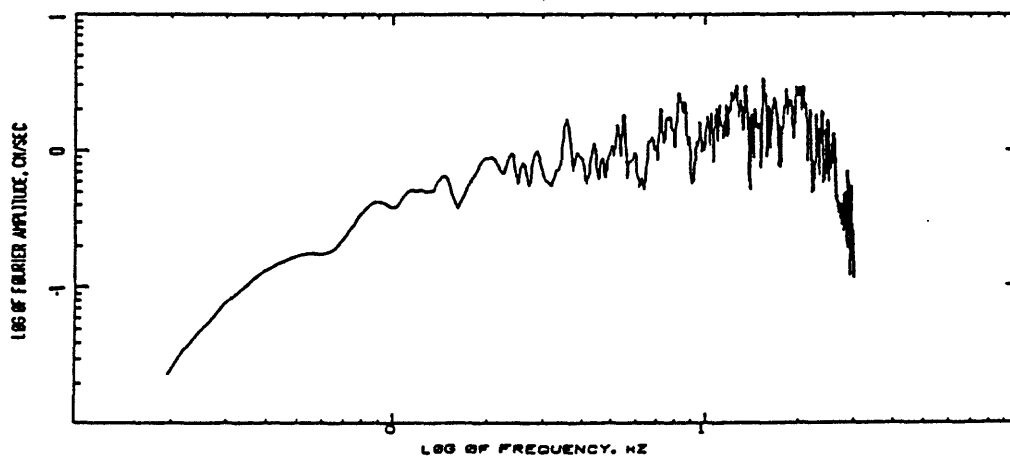
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:07:55 UTC, ML=5.3
 STATION 183, 001
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



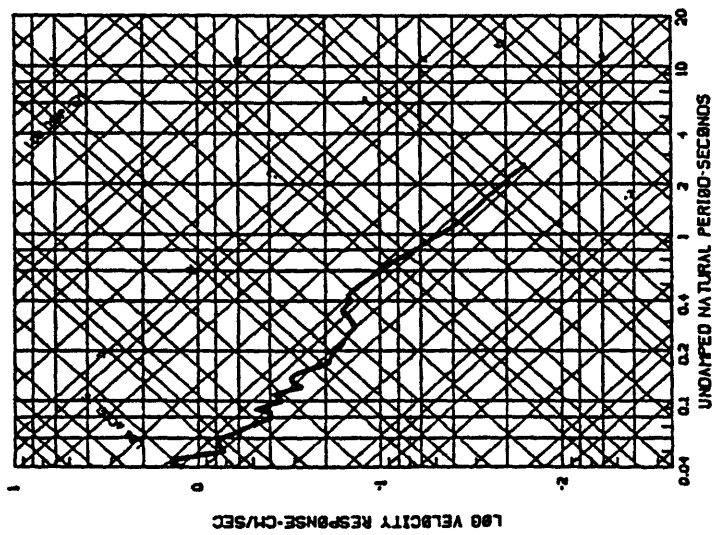
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:07:55 UTC, ML=5.3
 STATION 183, 002
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



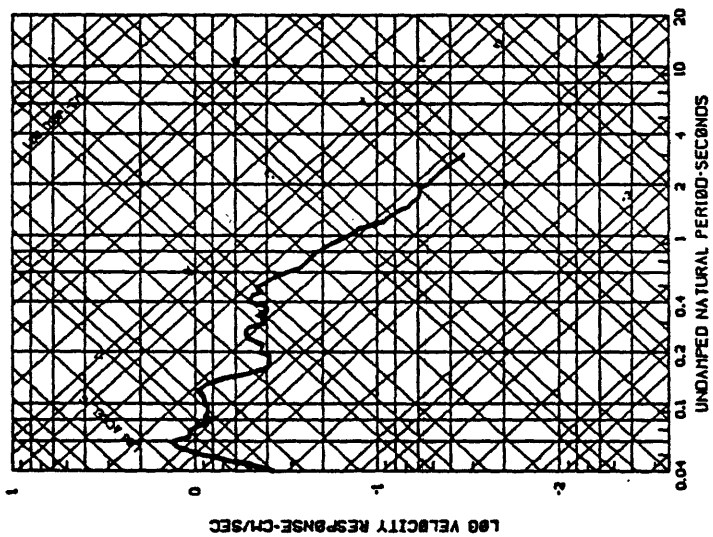
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:07:55 UTC, ML=5.3
 STATION 183, 003
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



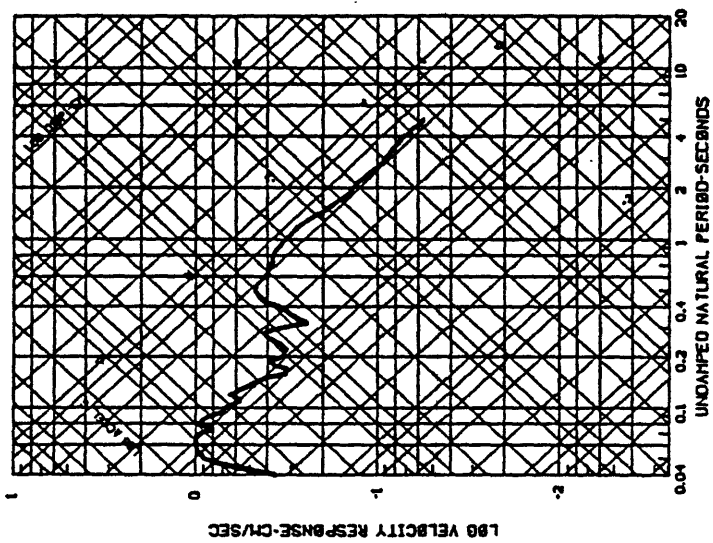
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, M=5.3
 STATION 000
 5 PERCENT CRITICAL DAMPING



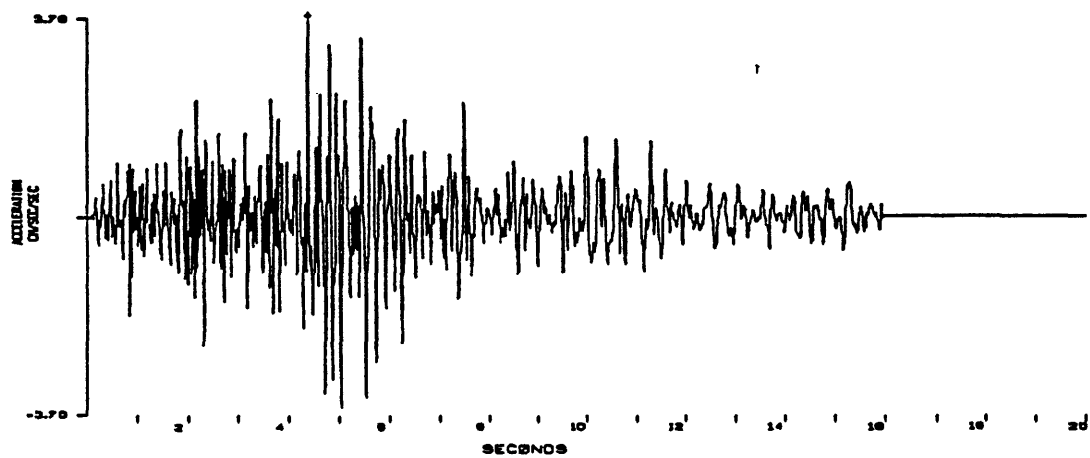
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, M=5.3
 STATION 000
 5 PERCENT CRITICAL DAMPING



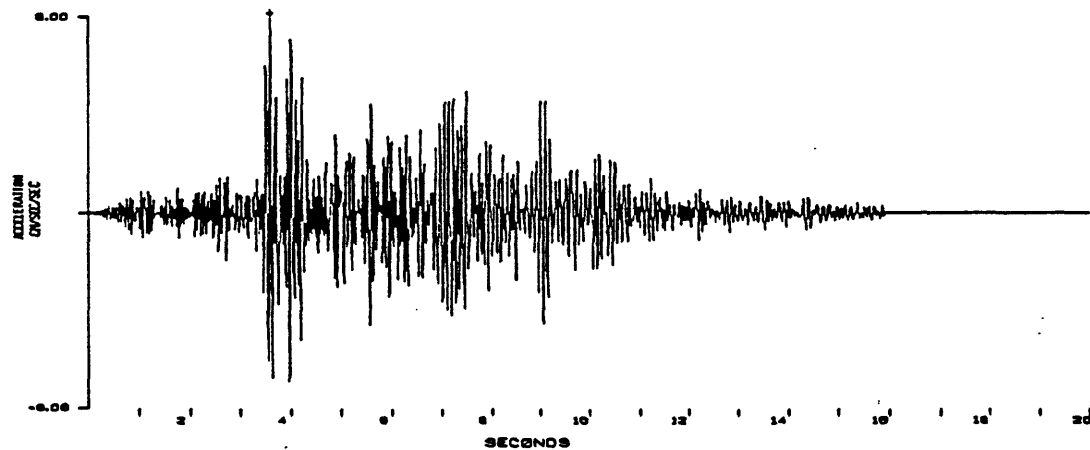
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:59 UTC, M=5.3
 STATION 000
 5 PERCENT CRITICAL DAMPING



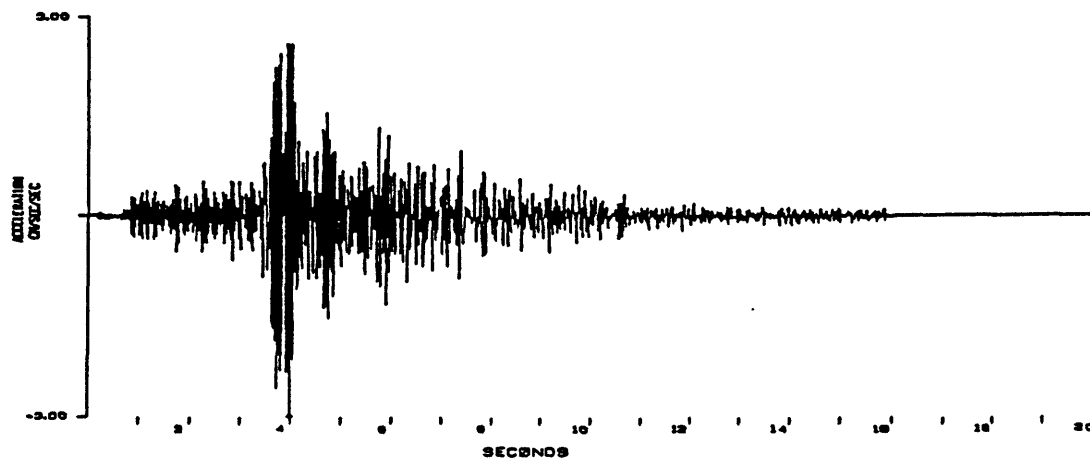
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. VERT



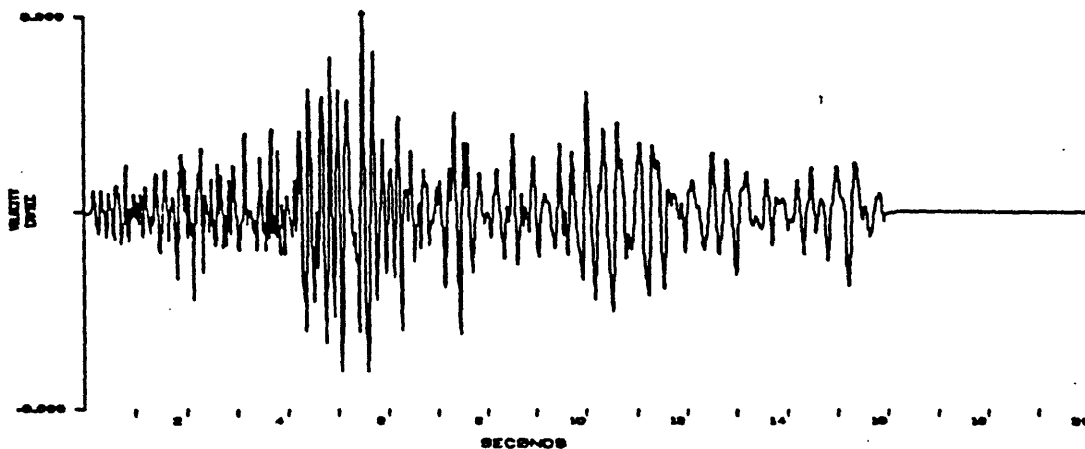
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. ODD



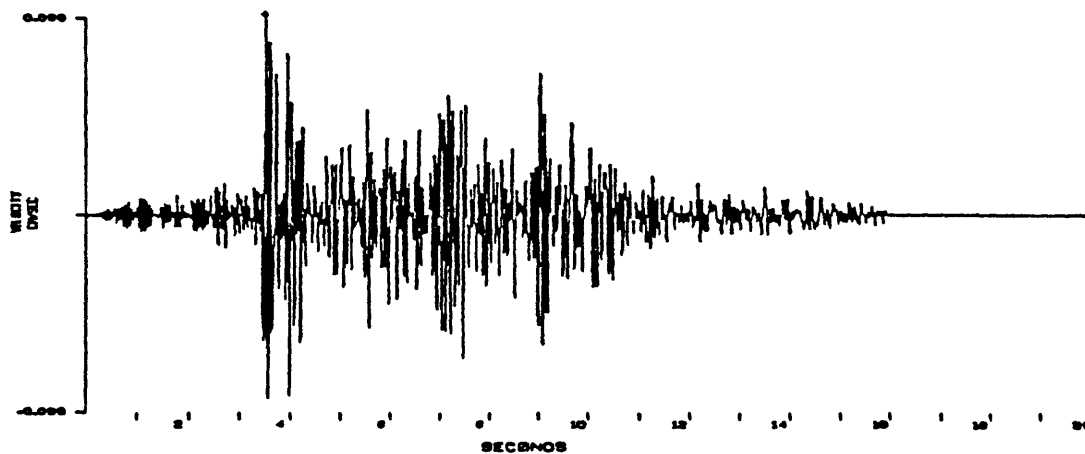
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION GRS. 270



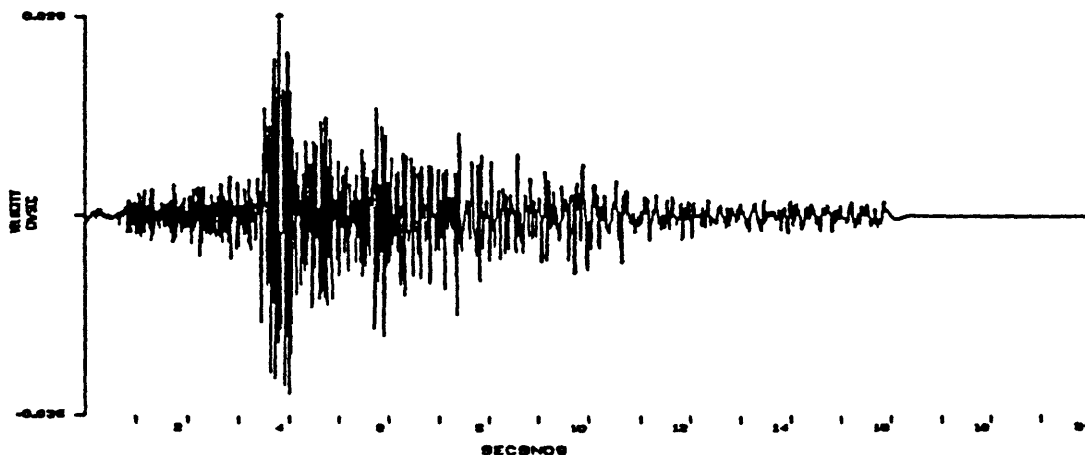
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17.00 UTC, ML-3.3
STATION GRS, 021



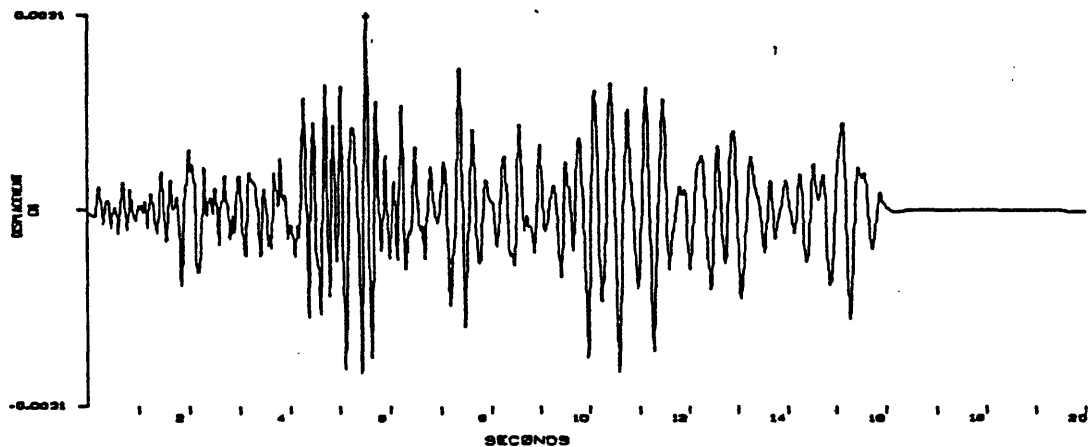
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17.00 UTC, ML-3.3
STATION GRS, 000



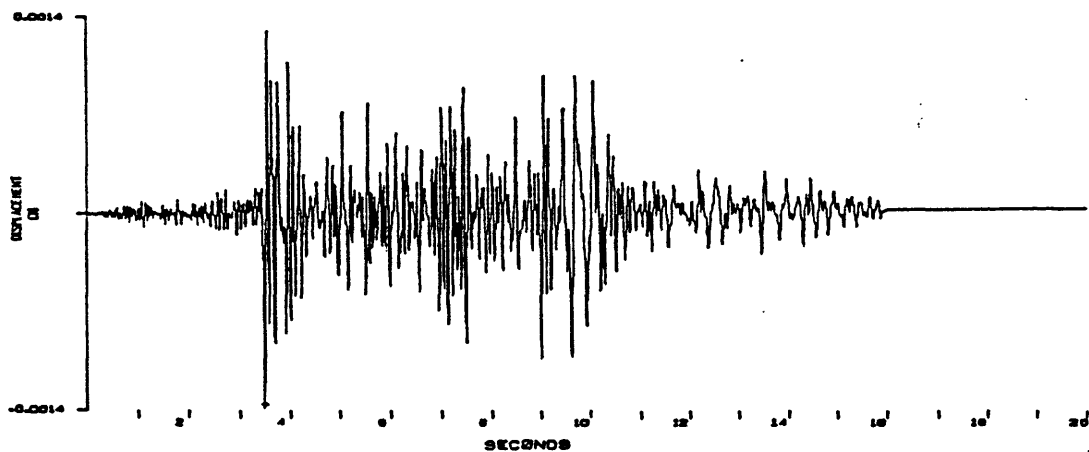
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17.00 UTC, ML-3.3
STATION GRS, 370



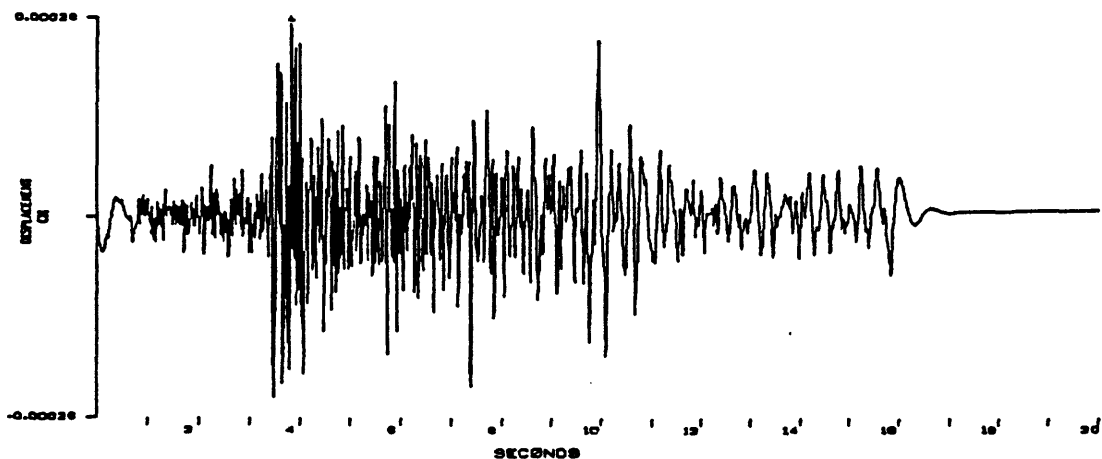
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 046, 6281



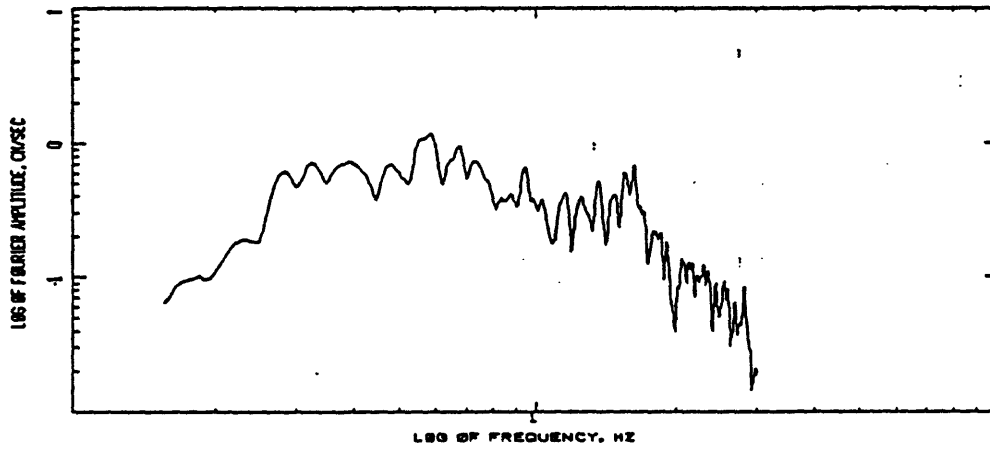
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 046, 000



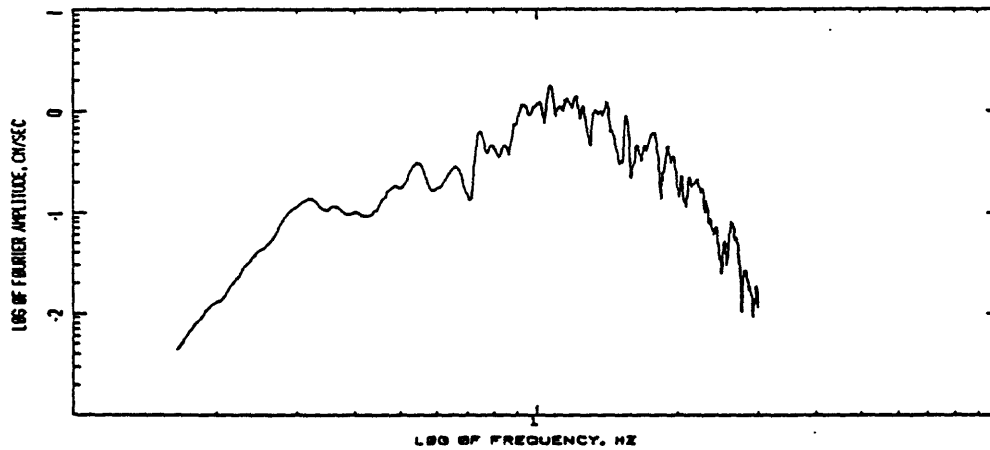
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION 046, 270



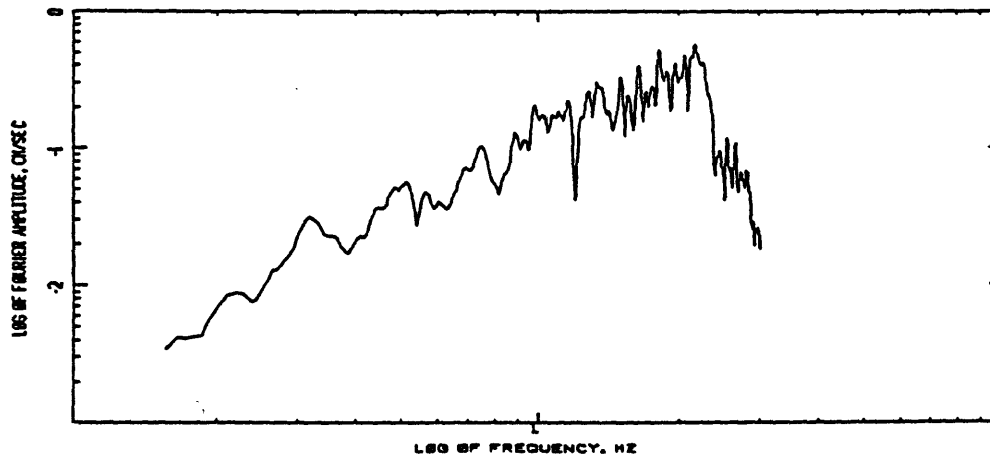
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:51:25, 08:17:00 UTC, ML=3.3
 STATION 085, US801700
 COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONSE



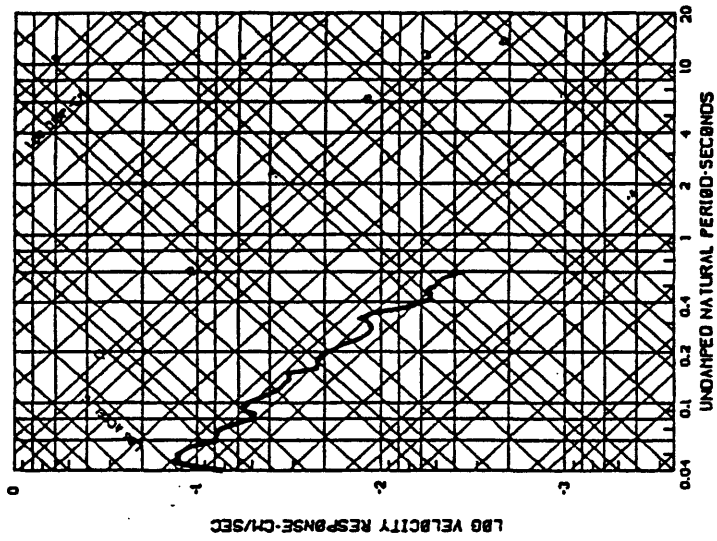
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:51:25, 08:17:00 UTC, ML=3.3
 STATION 086, US801700
 COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONSE



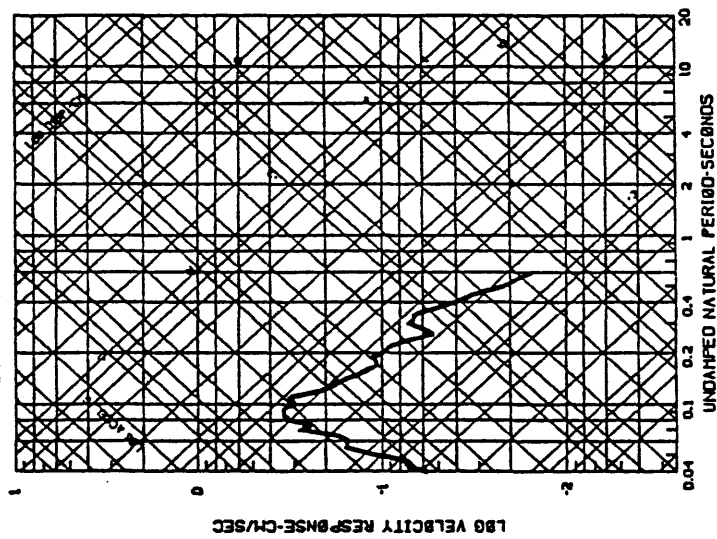
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:51:25, 08:17:00 UTC, ML=3.3
 STATION 087, US801700
 COMPUTING OPTIONS- ZCRSS,SMOOTH(10),NONSE



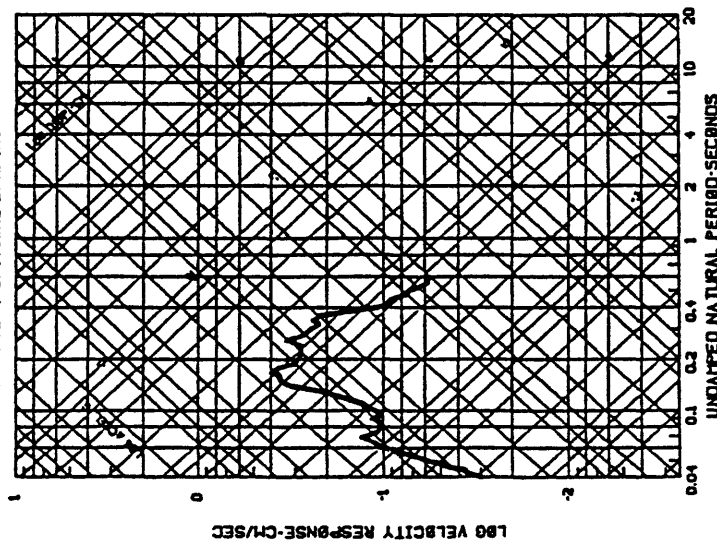
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, JULY 21, 1940, 18:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



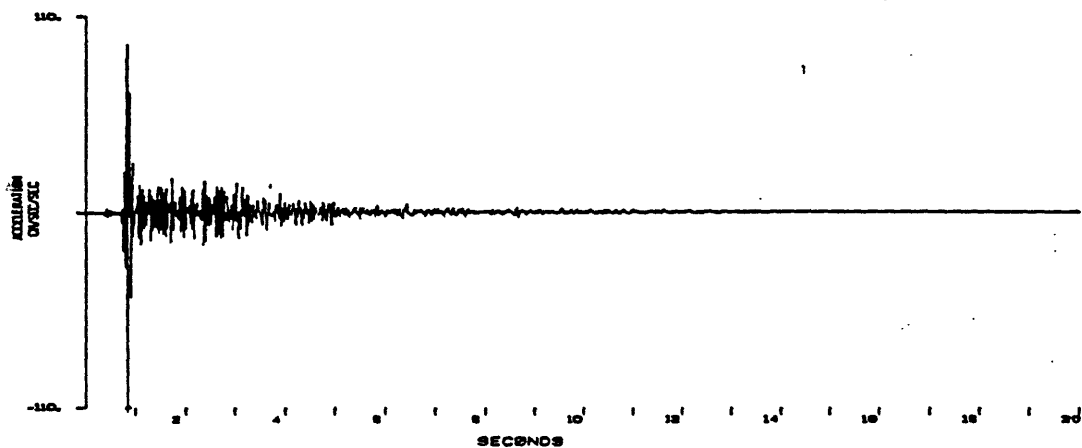
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, JULY 21, 1940, 18:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



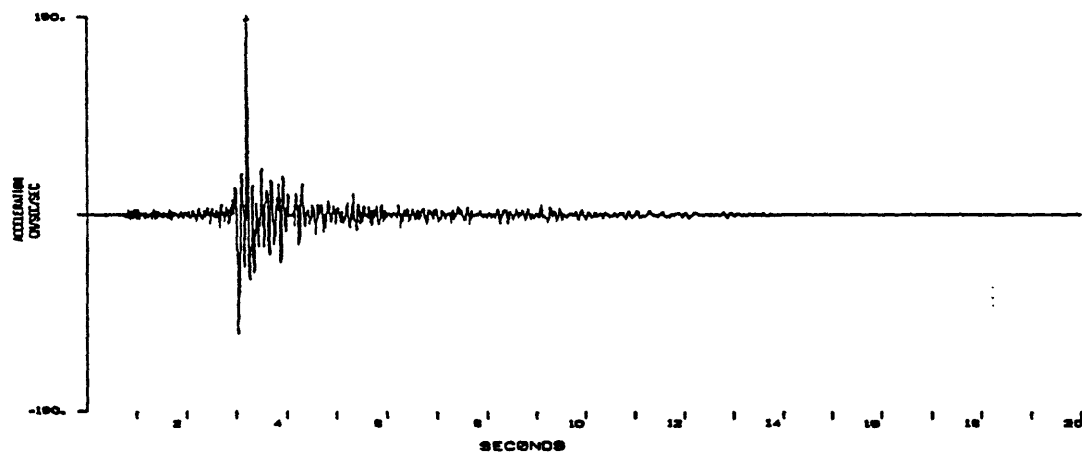
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, JULY 21, 1940, 18:17:50 UTC, NL-3.3
 5 PERCENT CRITICAL DAMPING



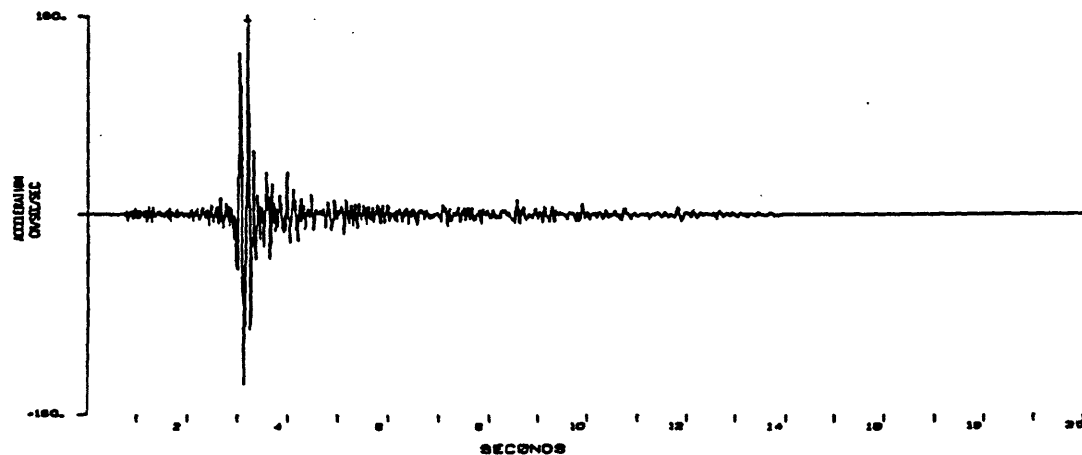
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, 027



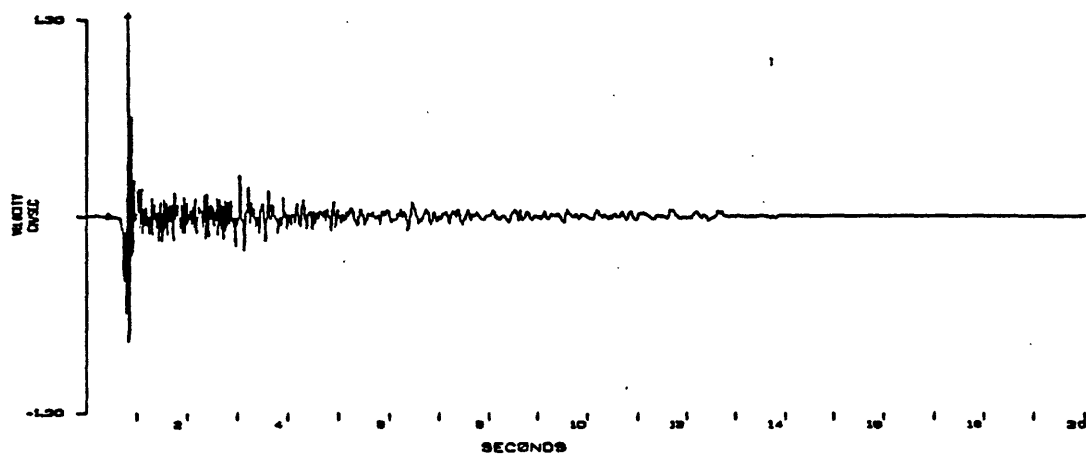
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, 370



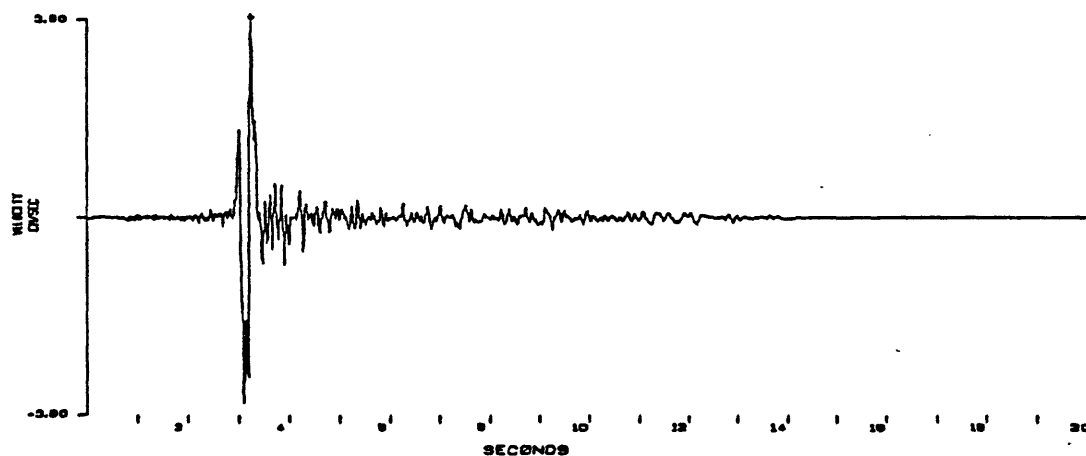
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, 000



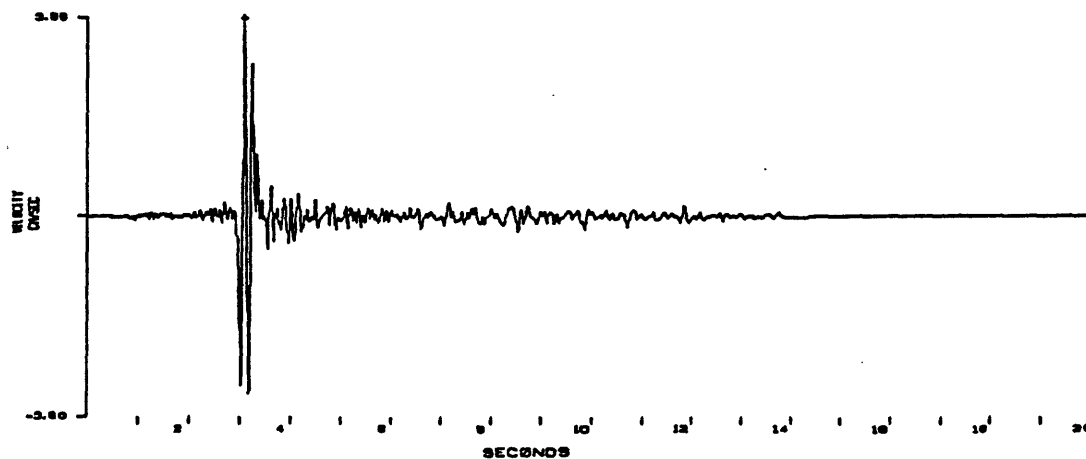
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION HAZ, VER



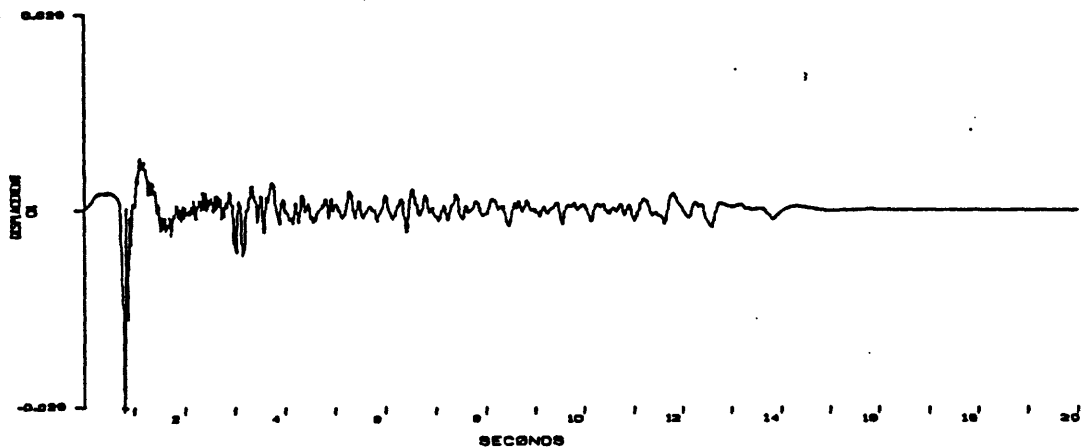
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION HAZ, 270



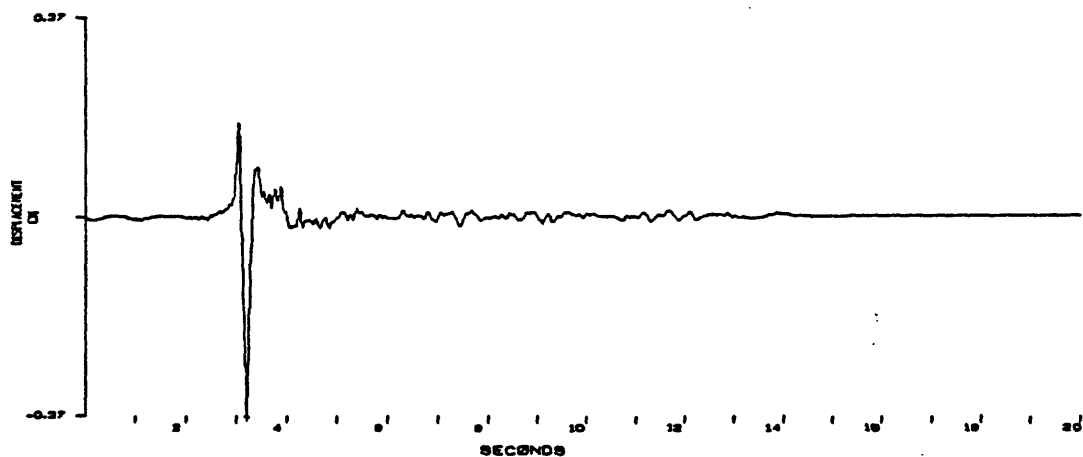
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-5.3
STATION HAZ, 000



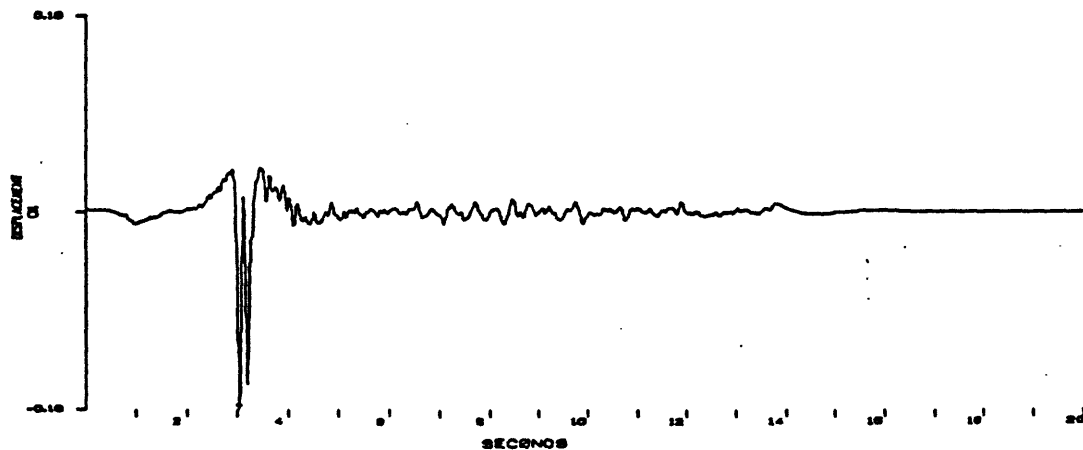
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, VERI



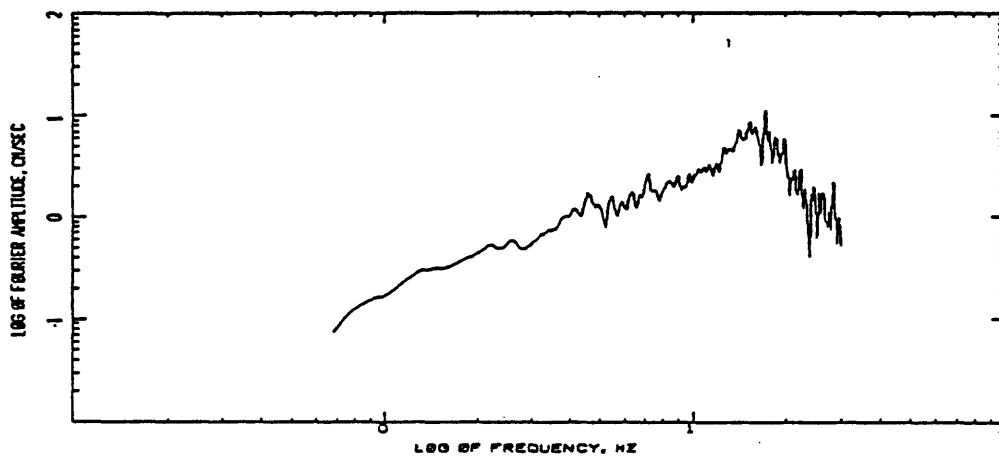
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, S70



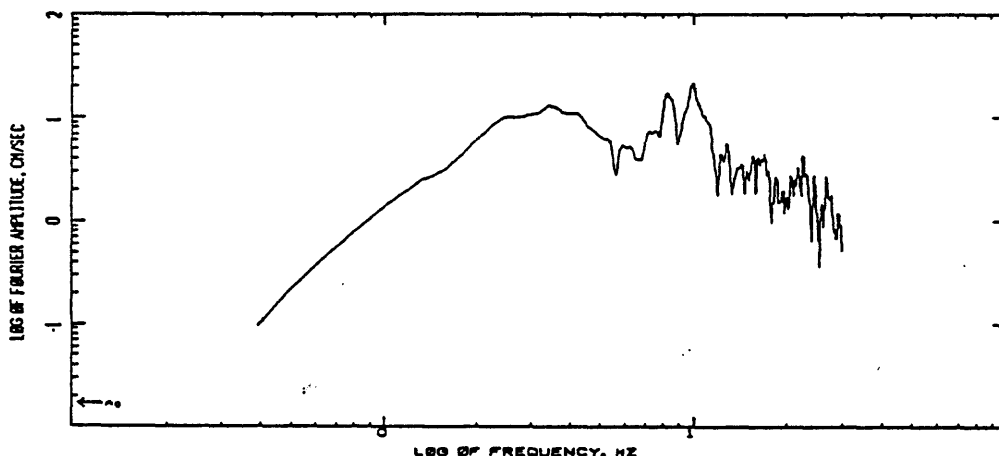
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION HAS, BOB



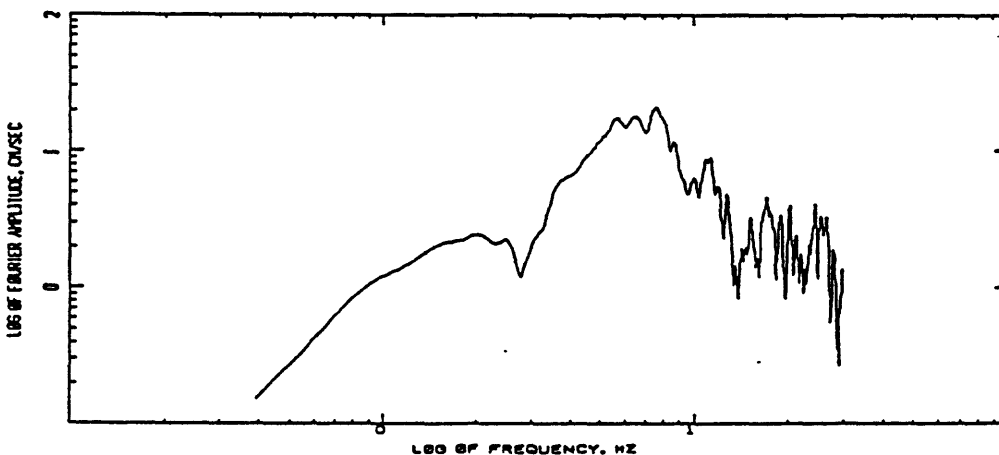
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/21/75, 01:18:17.65 UTC, ML=3.3
 STATION HAS: 015, 016
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



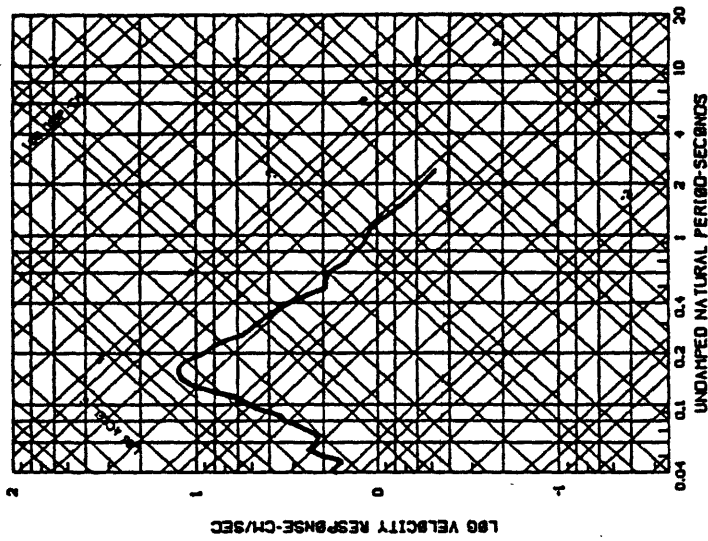
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/21/75, 01:18:17.65 UTC, ML=3.3
 STATION HAS: 015, 016
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



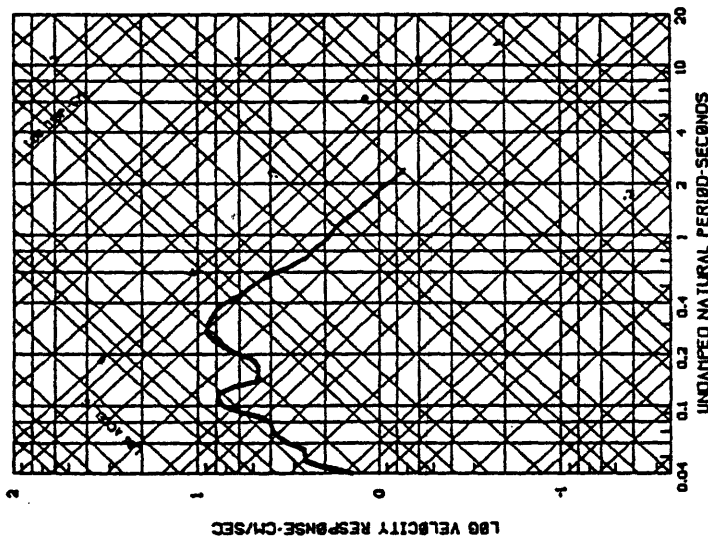
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/21/75, 01:18:17.65 UTC, ML=3.3
 STATION HAS: 015, 016
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



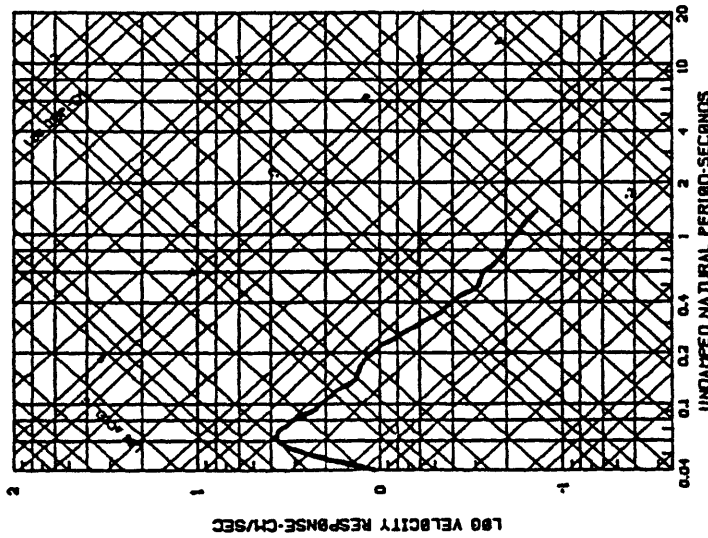
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
STATION HPS 000
5 PERCENT CRITICAL DAMPING



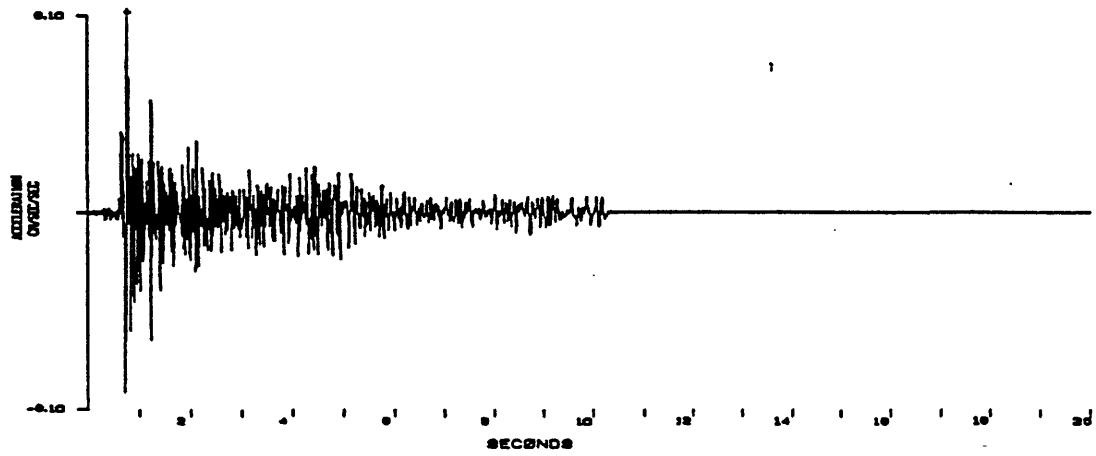
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
STATION HPS 270
5 PERCENT CRITICAL DAMPING



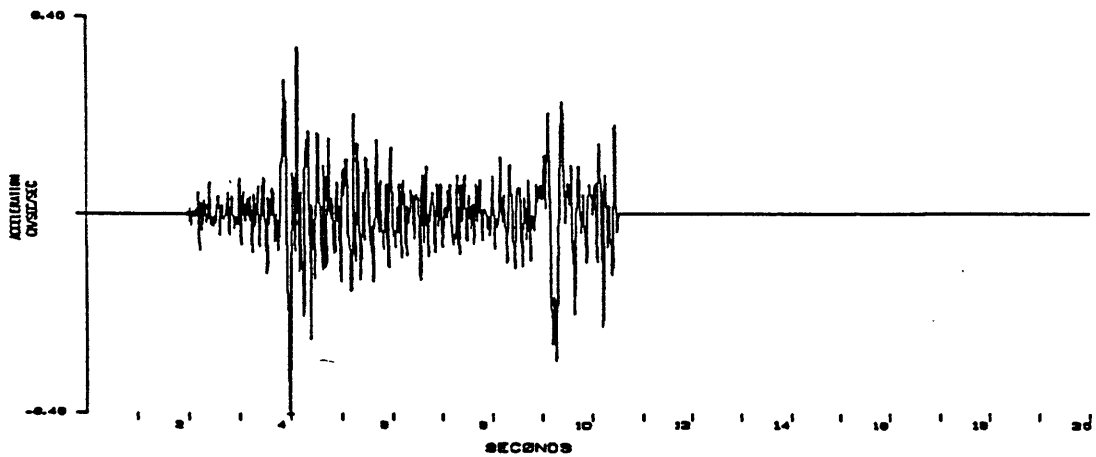
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/21/79 1817:50 UTC, M-3.3
STATION HPS 468
5 PERCENT CRITICAL DAMPING



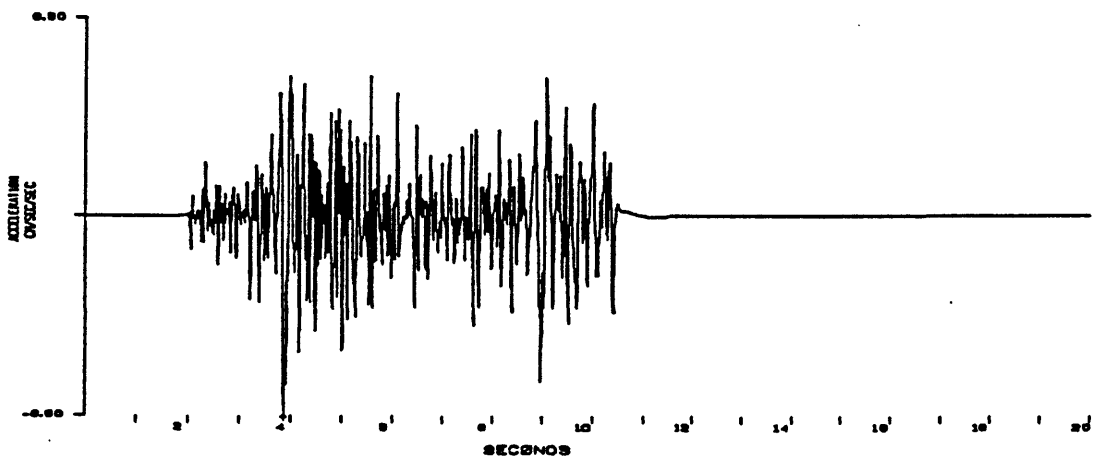
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION JH6, VER



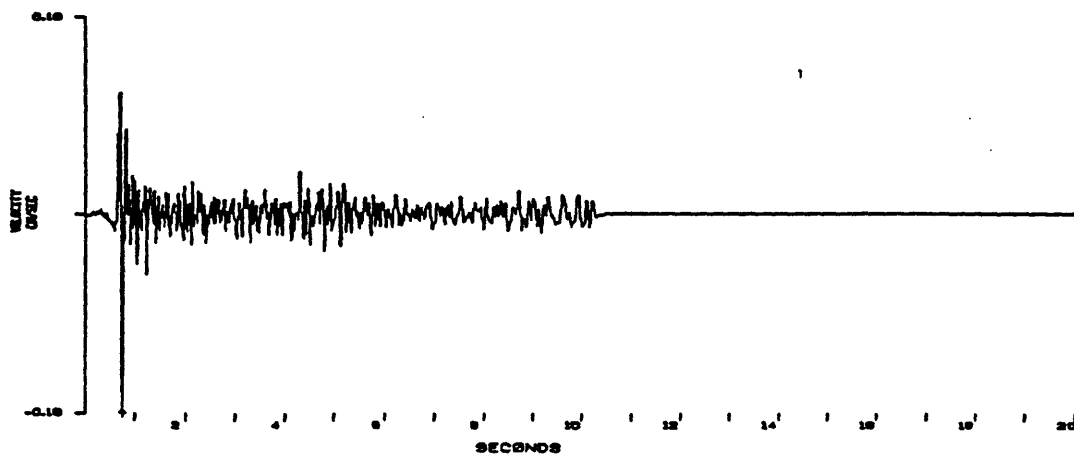
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION JH6, 270



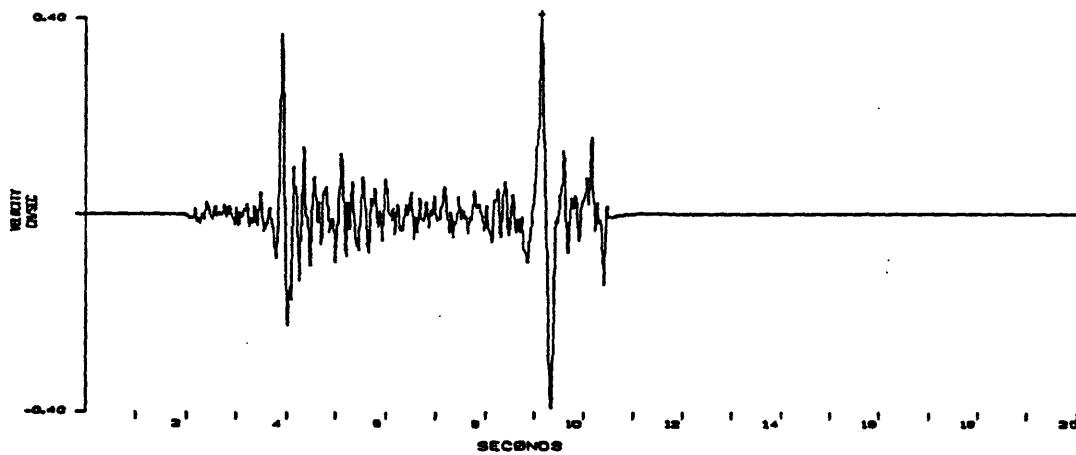
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML-3.3
STATION JH6, 000



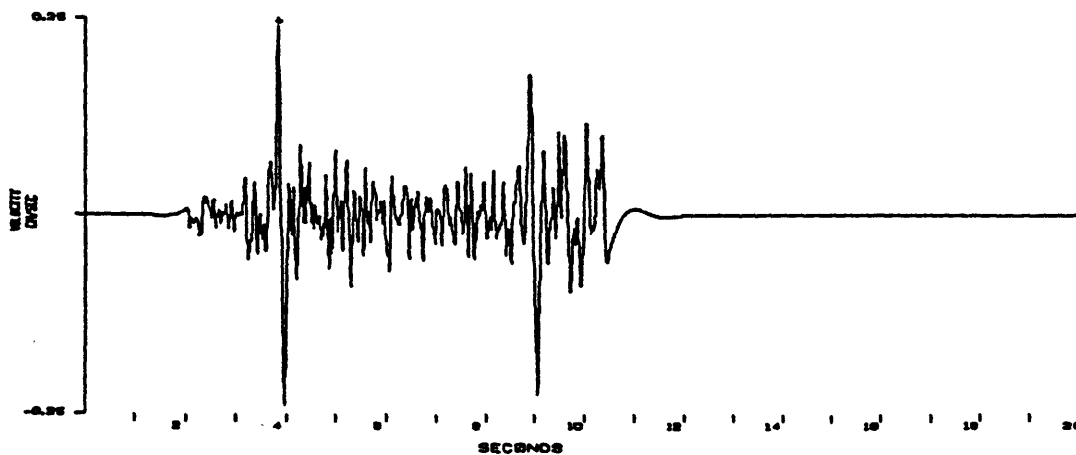
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 18:17:50 UTC, ML-3.3
STATION JMS, 346, VERY



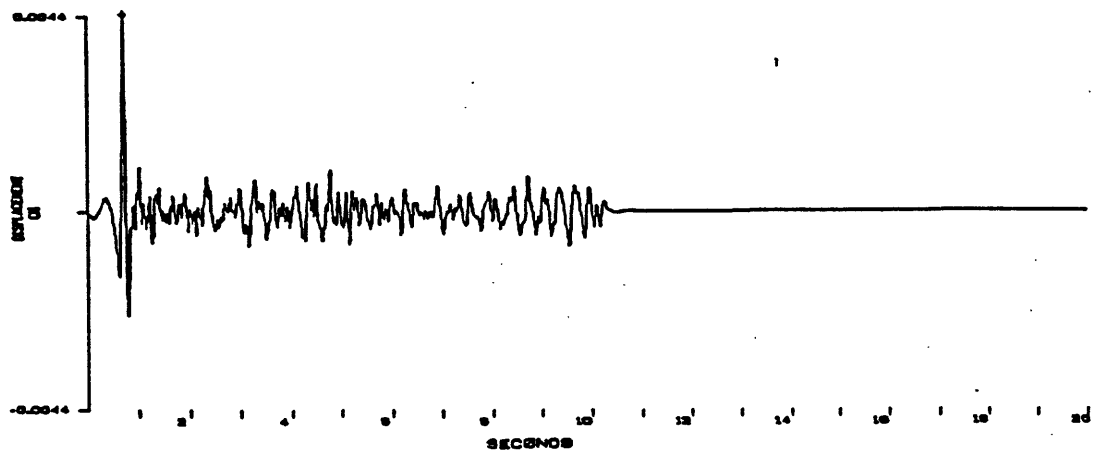
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 18:17:50 UTC, ML-3.3
STATION JMS, 270



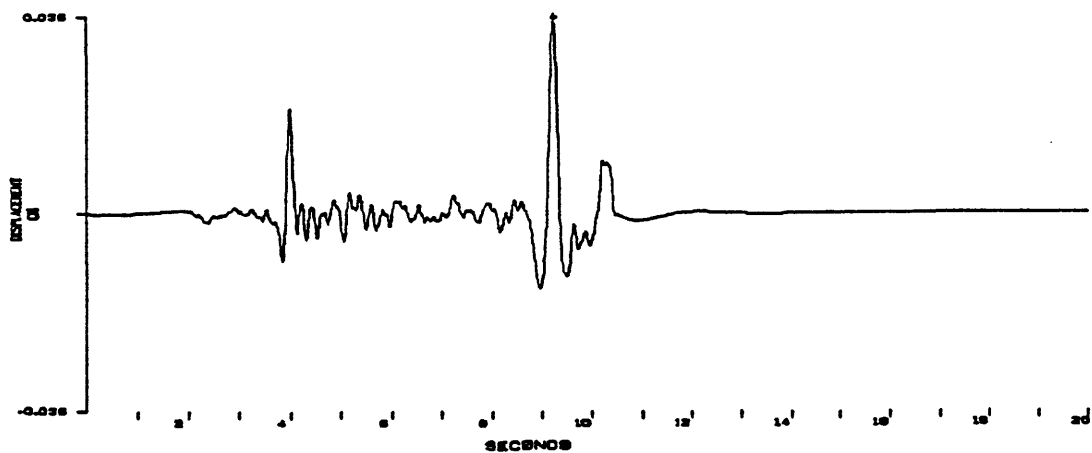
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 18:17:50 UTC, ML-3.3
STATION JMS, 000



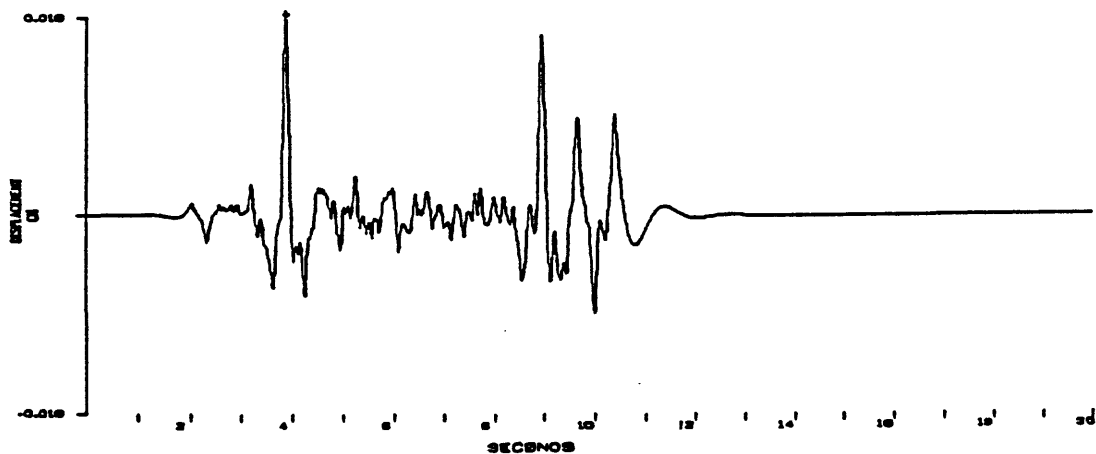
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION JMS, VERT



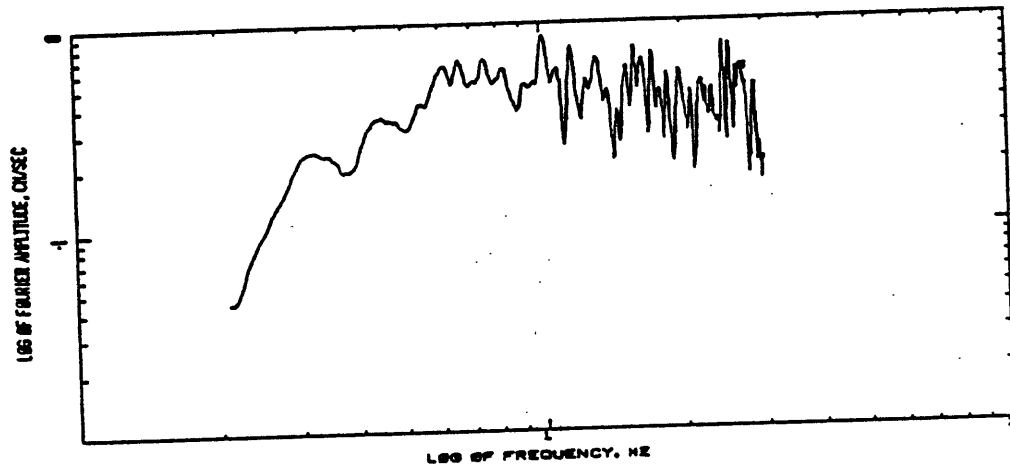
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION JMS, 270



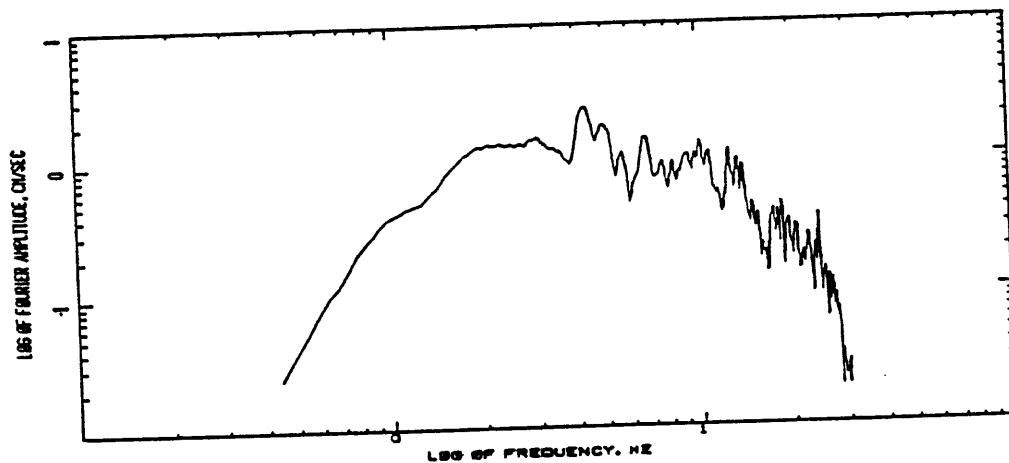
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 18:17:59 UTC, ML-3.3
STATION JMS, 000



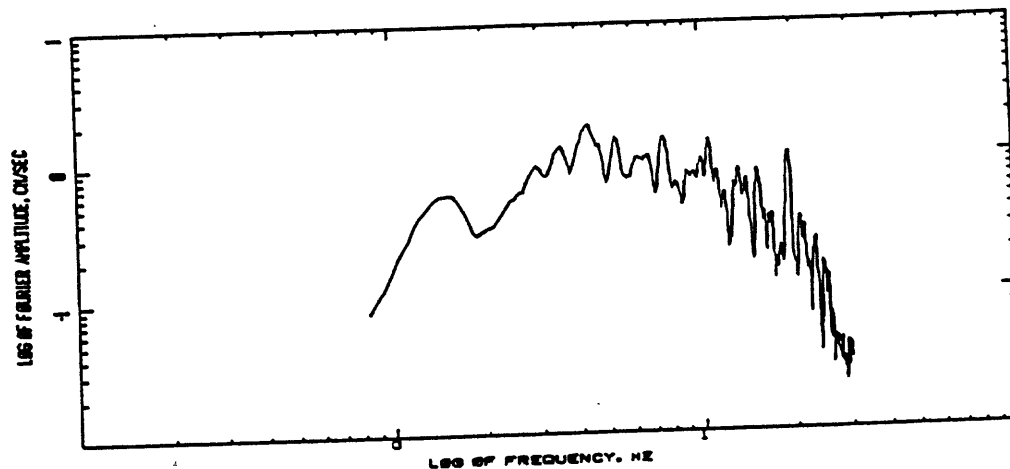
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073107.6, 181755 UTC. MC-3.3
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



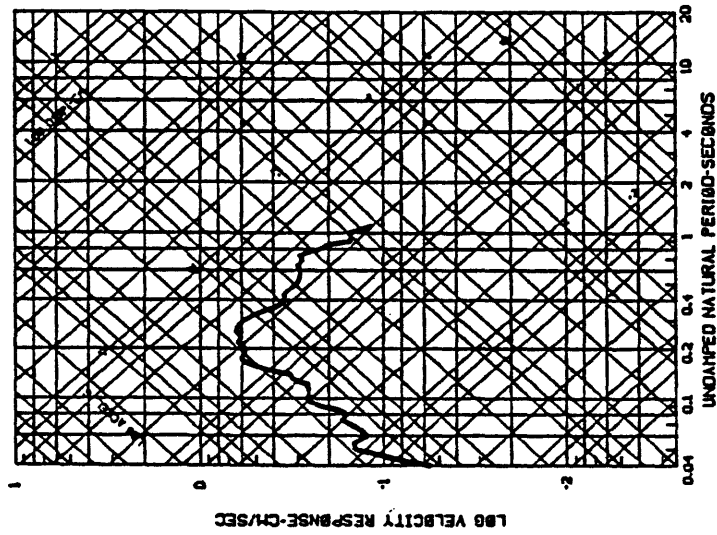
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073107.6, 181755 UTC. MC-3.3
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



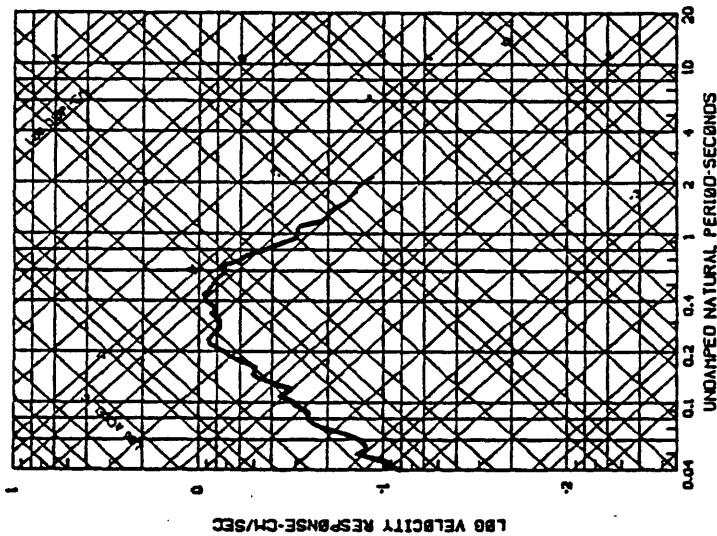
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1073107.6, 181755 UTC. MC-3.3
 COMPUTING OPTIONS- ZCROSS,SHOOTK101,NONBISE



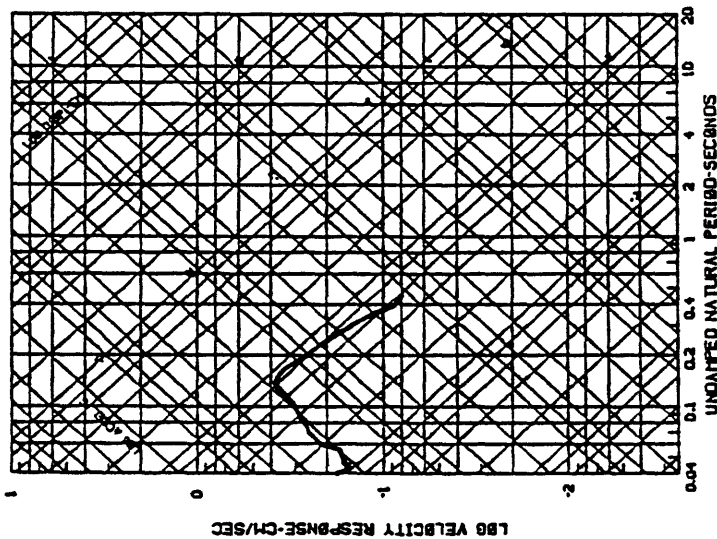
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JIS 000
 5 PERCENT CRITICAL DAMPING



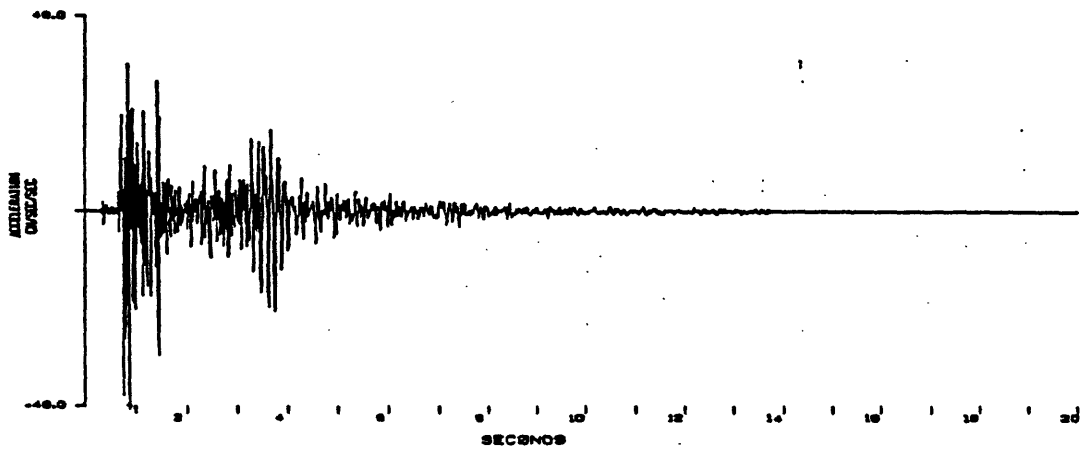
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JIS 270
 5 PERCENT CRITICAL DAMPING



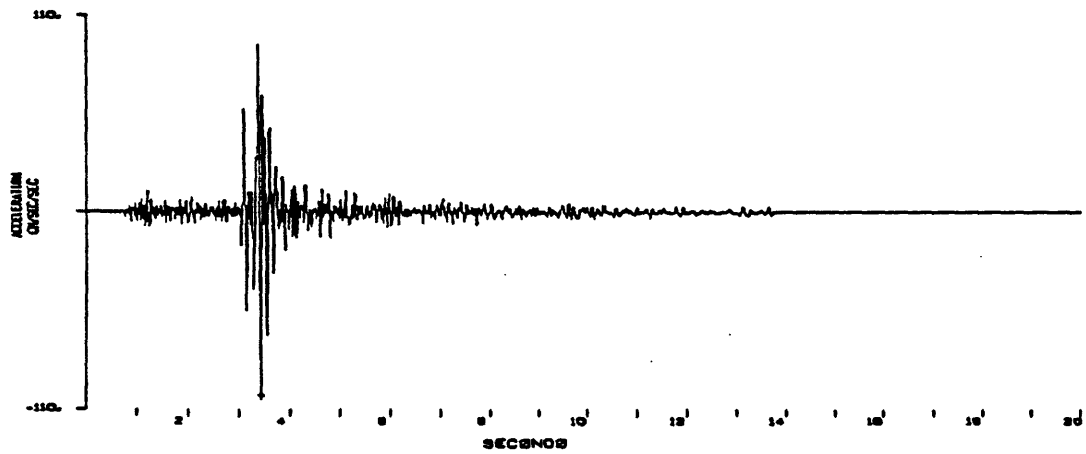
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:50 UTC, M-3.3
 STATION JIS VERY
 5 PERCENT CRITICAL DAMPING



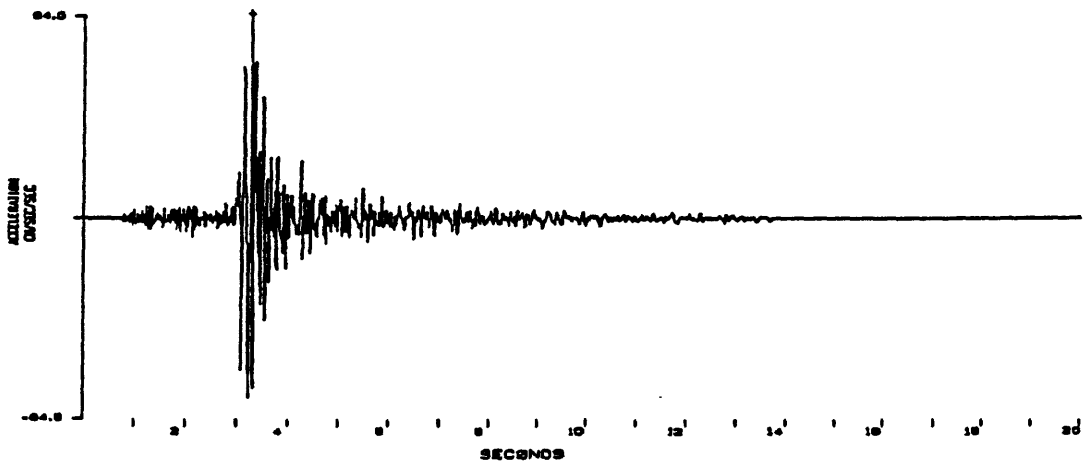
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 1817:59 UTC, ML-3.3
STATION RVR, VERT



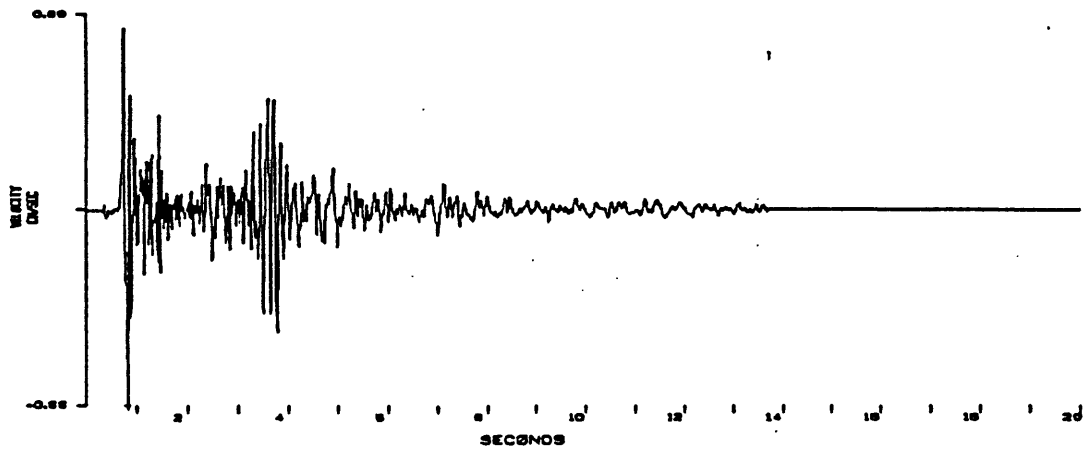
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 1817:59 UTC, ML-3.3
STATION RVR, 270



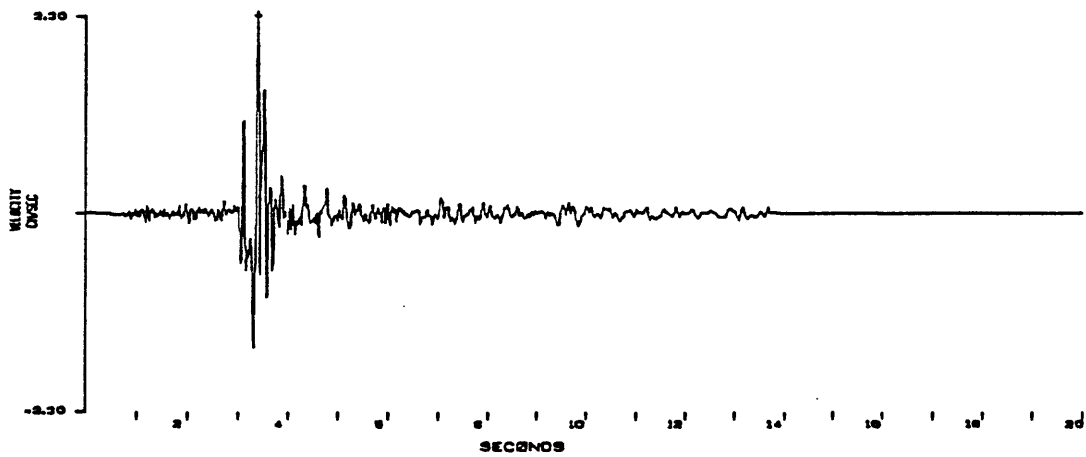
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 1817:59 UTC, ML-3.3
STATION RVR, 000



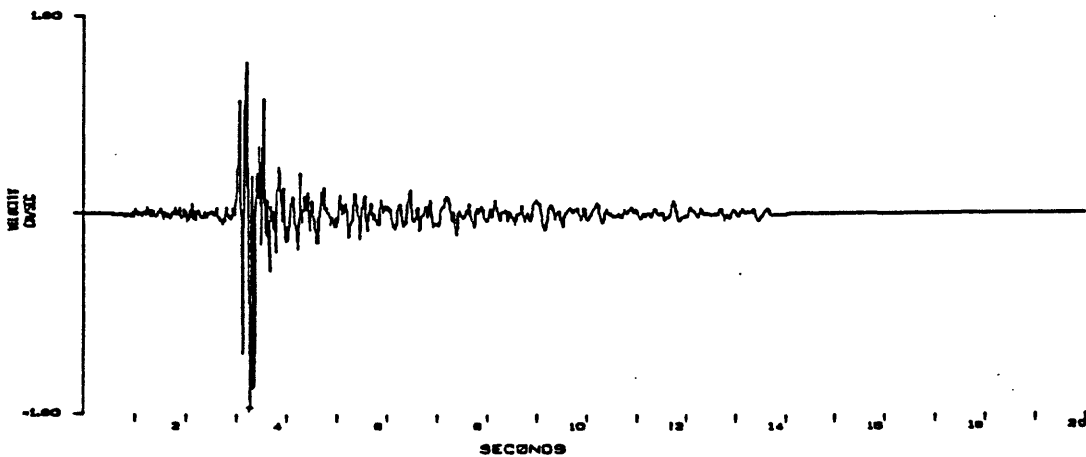
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1847.89 UTC, ML-3.3
STATION RVR, V2R1



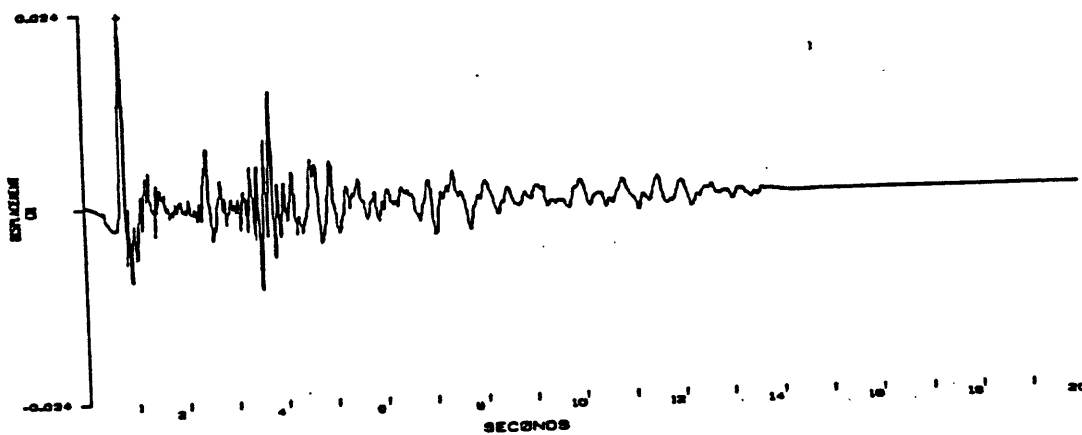
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 1817.89 UTC, ML-3.3
STATION RVR, 27U



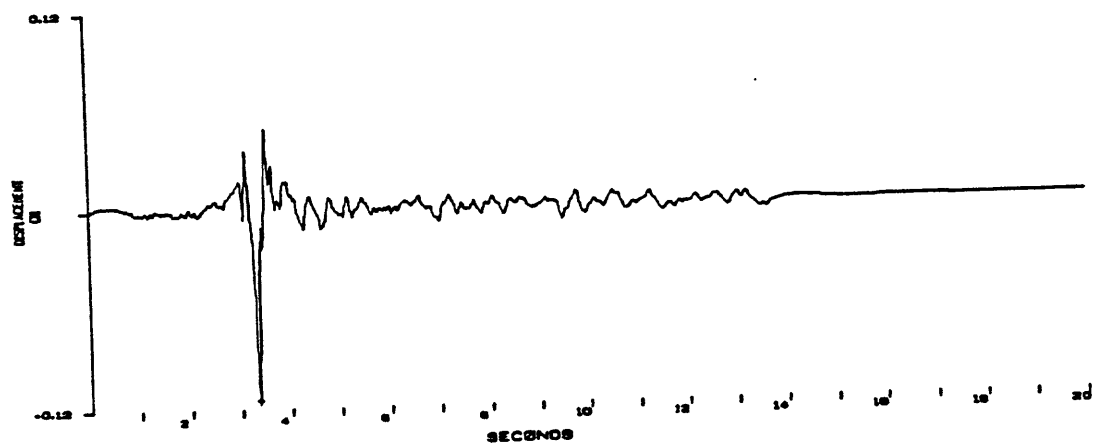
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 1817.89 UTC, ML-3.3
STATION RVR, 00U



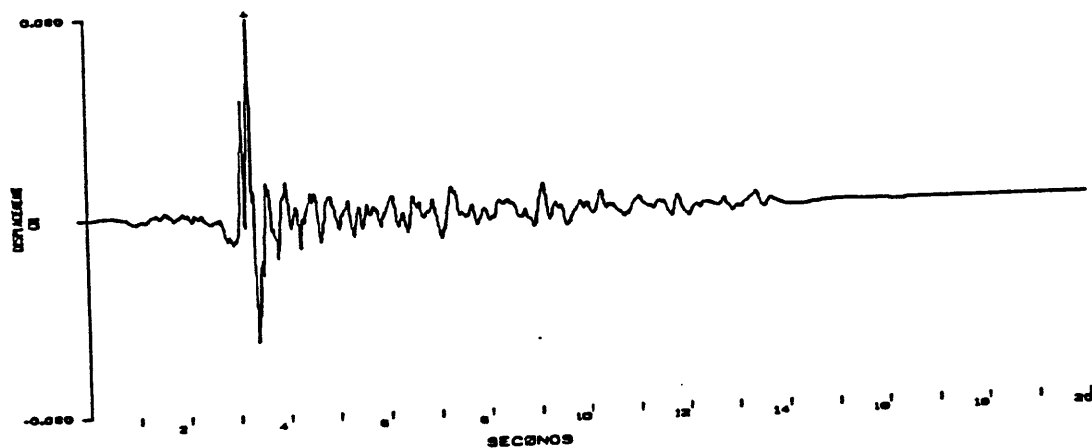
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:59 UTC, ML-3.3
STATION KVR, 621



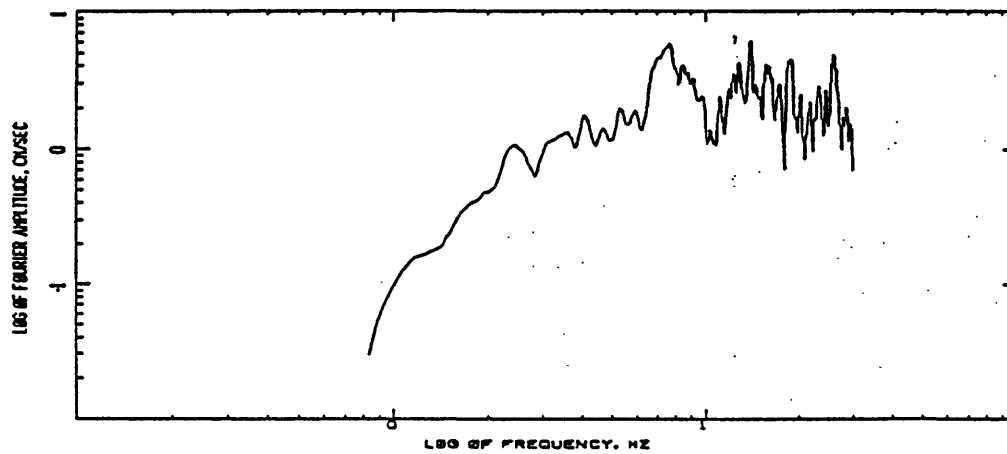
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:59 UTC, ML-3.3
STATION KVR, 270



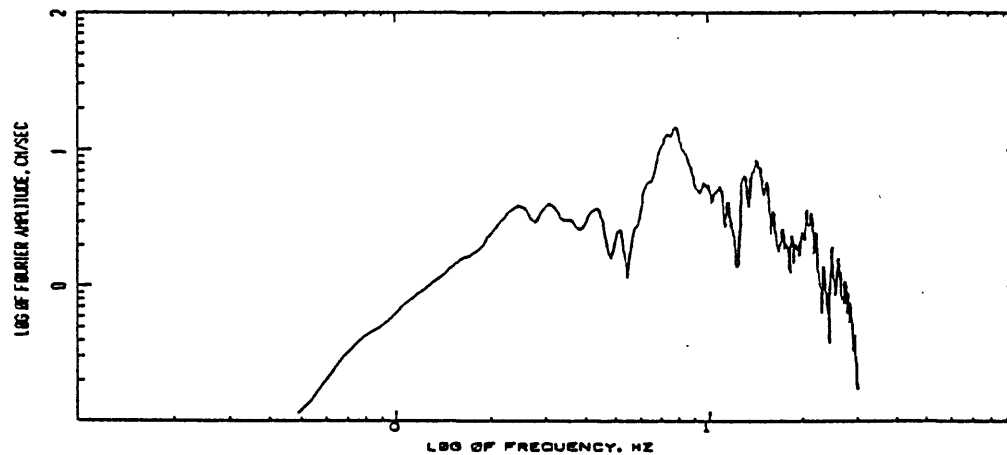
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 18:17:59 UTC, ML-3.3
STATION KVR, 000



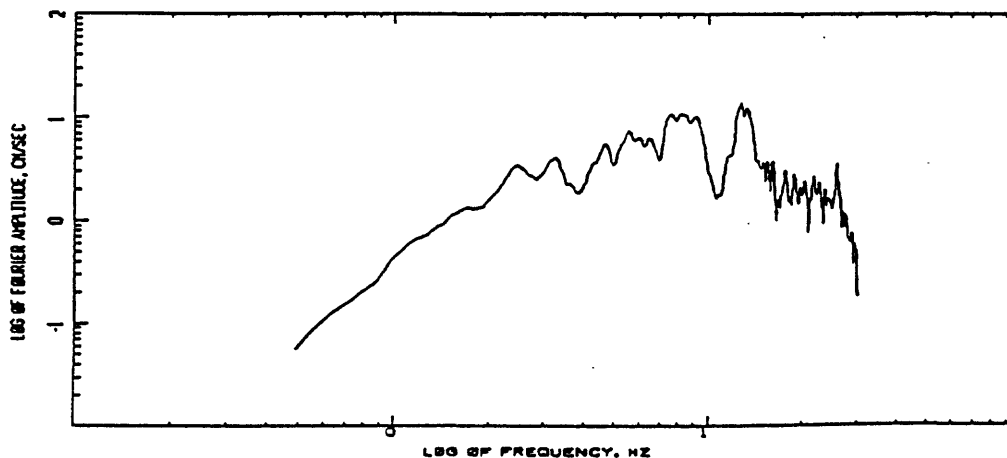
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 0721/79, 081716Z UTC, HL-3.3
 STATION K/R, 27D
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



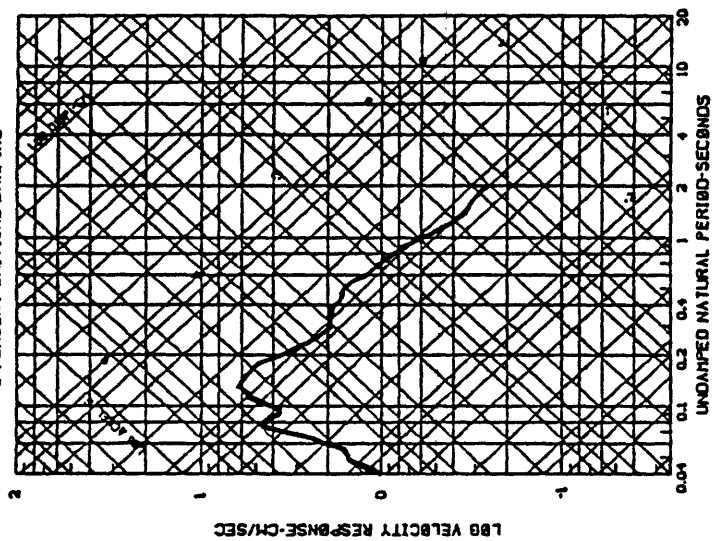
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 0721/79, 081716Z UTC, HL-3.3
 STATION K/R, 27D
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



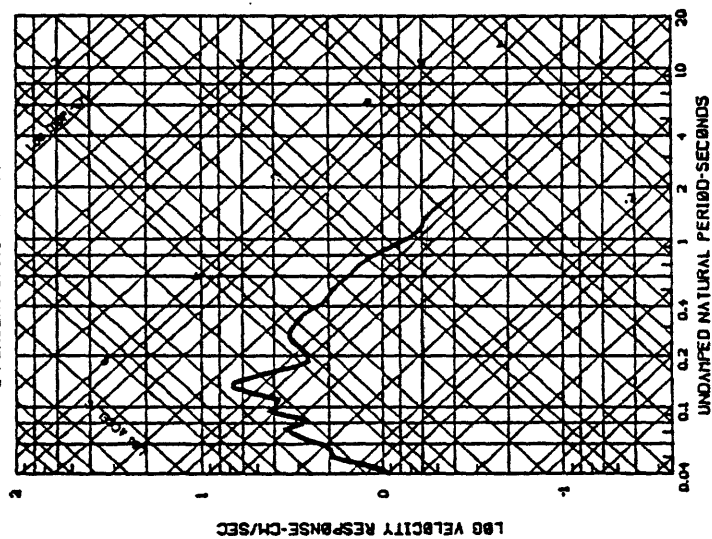
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 0721/79, 081716Z UTC, HL-3.3
 STATION K/R, 27D
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



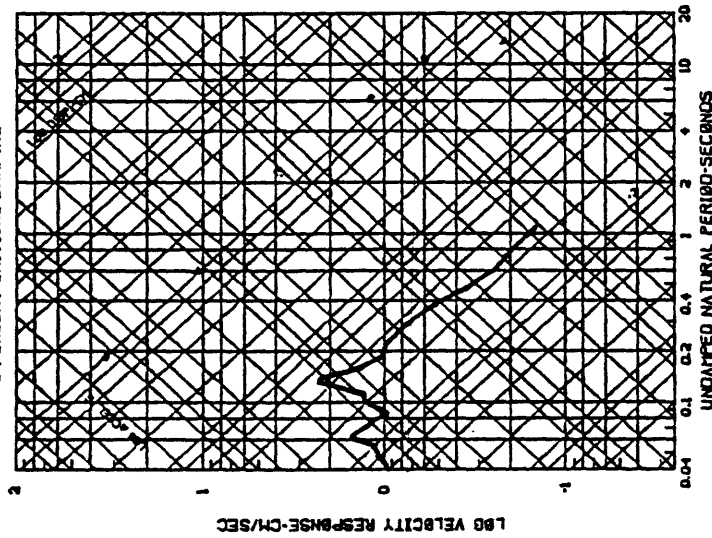
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/27/79, 1817:59 UTC, M-3.3
 STATION 6700
 5 PERCENT CRITICAL DAMPING



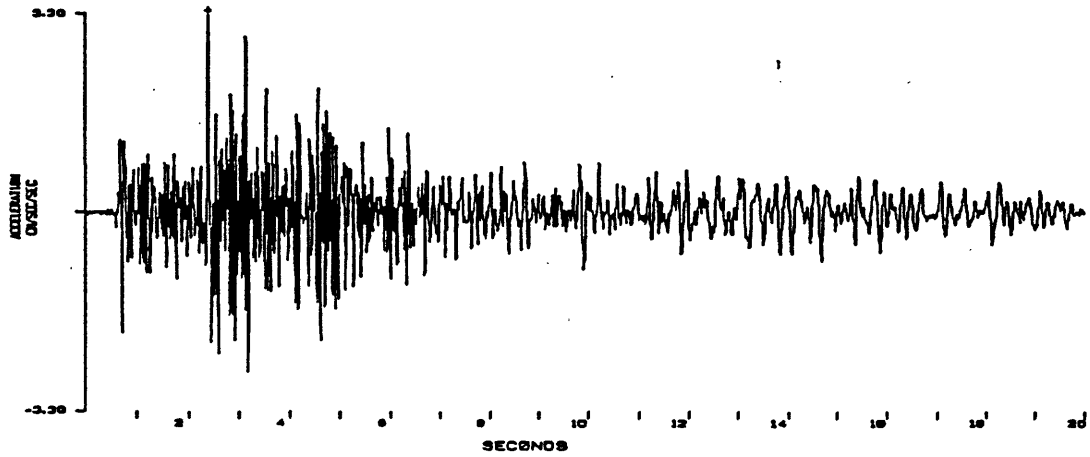
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/27/79, 1817:59 UTC, M-3.3
 STATION 6700
 5 PERCENT CRITICAL DAMPING



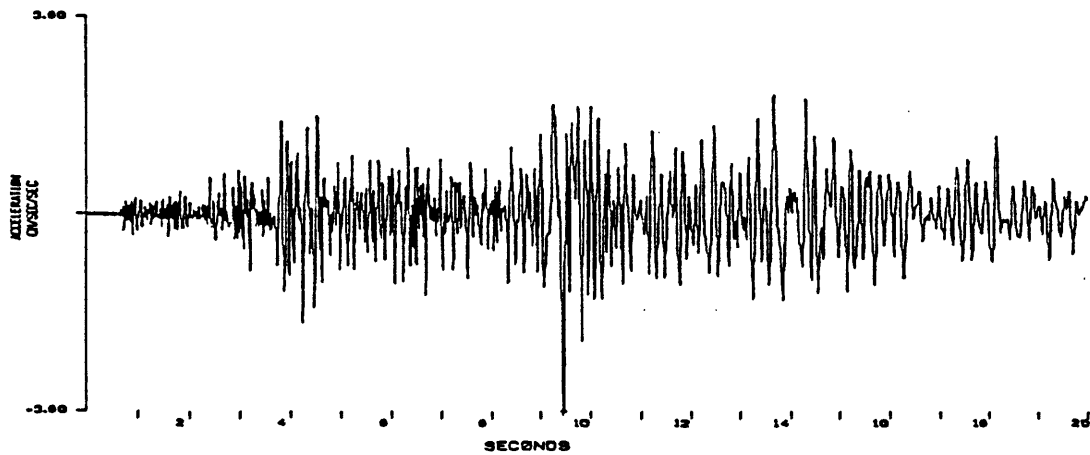
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/27/79, 1817:59 UTC, M-3.3
 STATION 6700
 5 PERCENT CRITICAL DAMPING



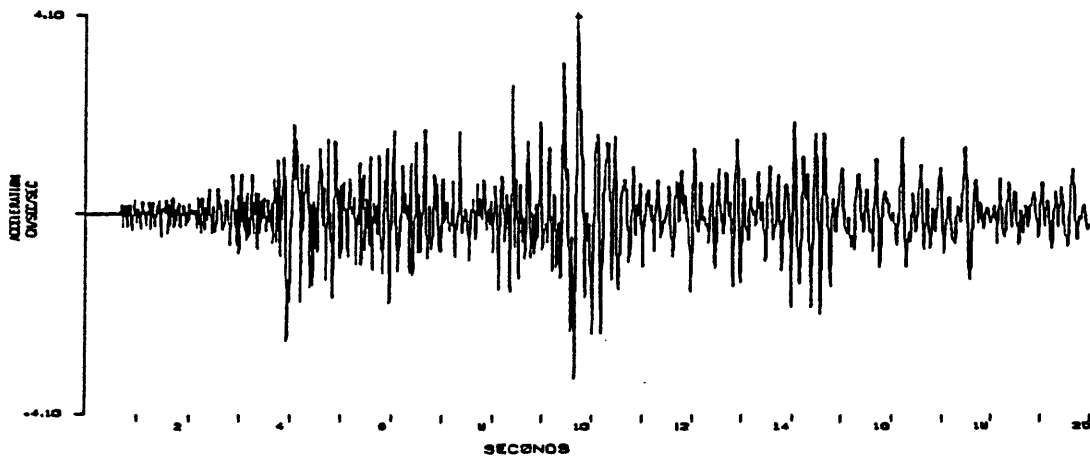
IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION SLO, 5221



IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION SLO, 500

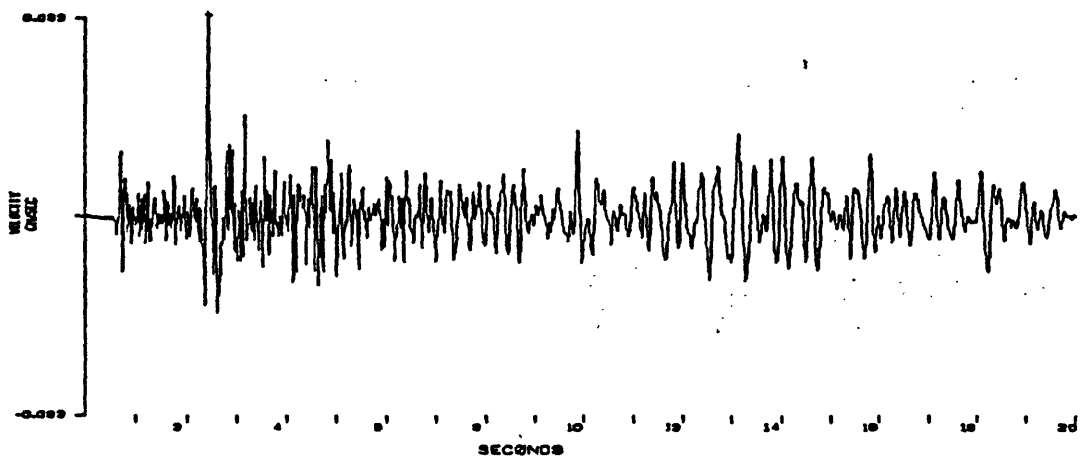


IMPERIAL VALLEY EARTHQUAKE, 10/21/70, 18:17:59 UTC, ML-3.3
STATION SLO, 570



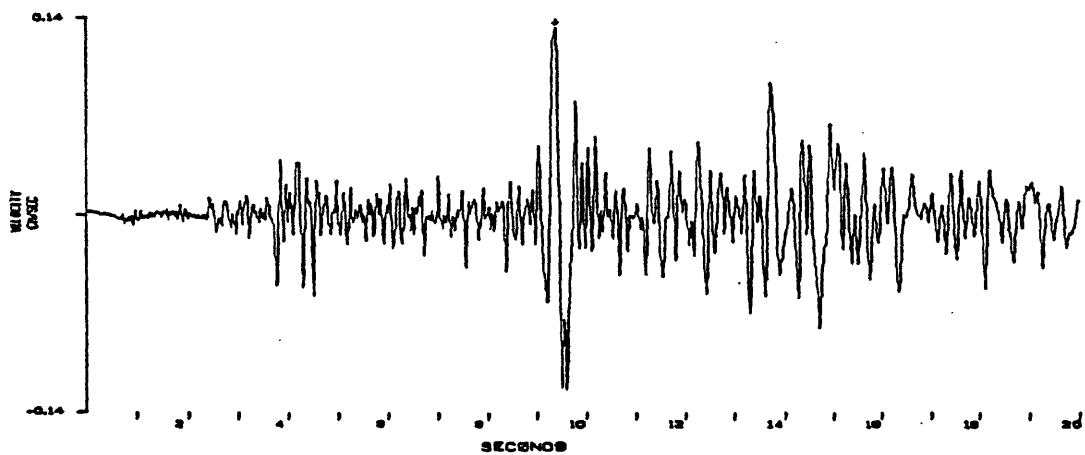
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1817:59 UTC, ML-3.3

STATION SLD, VERT



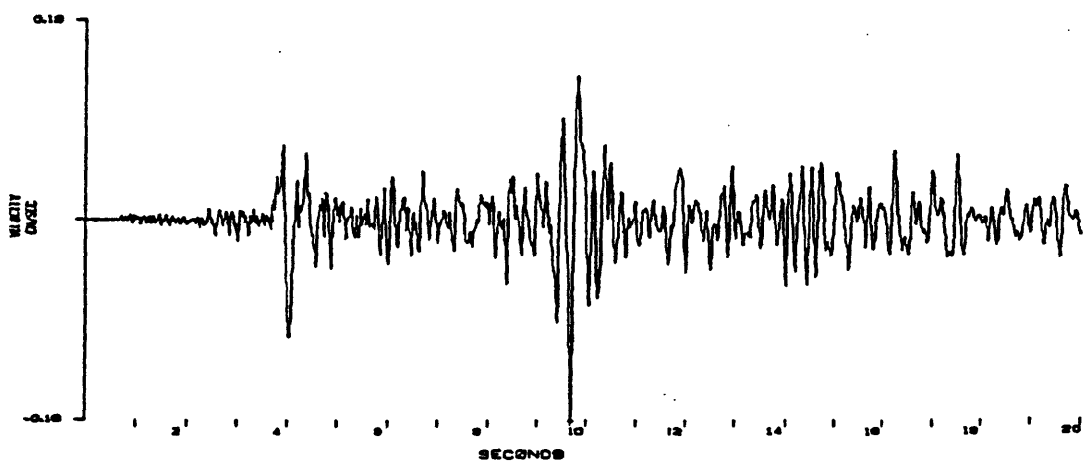
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1817:59 UTC, ML-3.3

STATION SLD, SLO

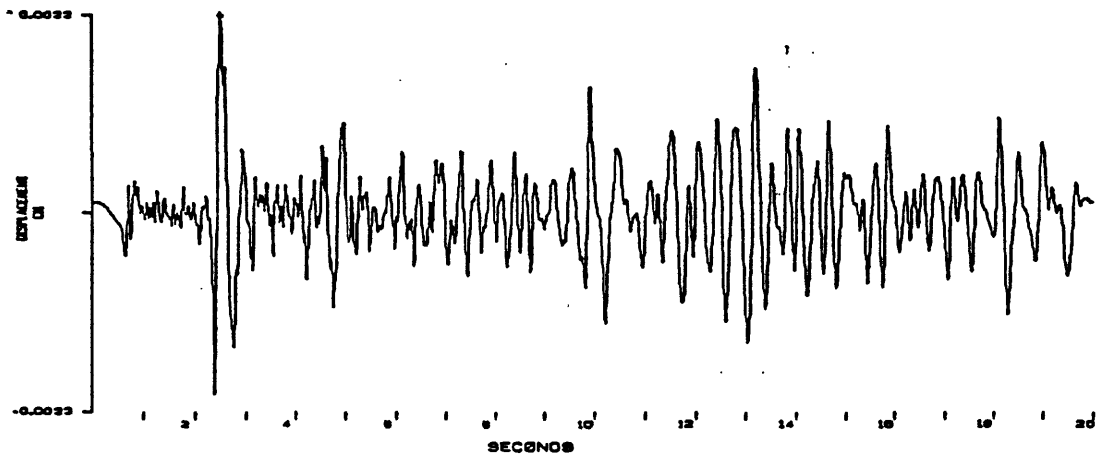


IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 1817:59 UTC, ML-3.3

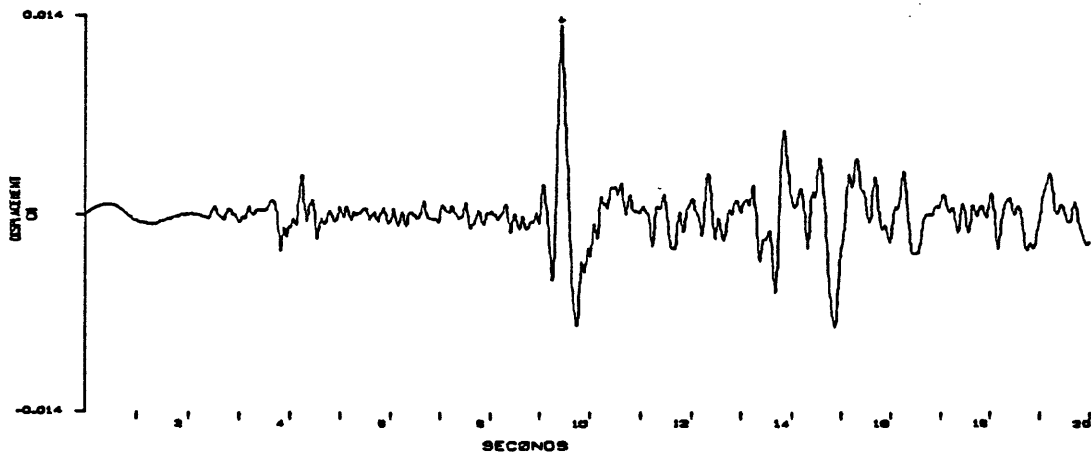
STATION SLD, S78



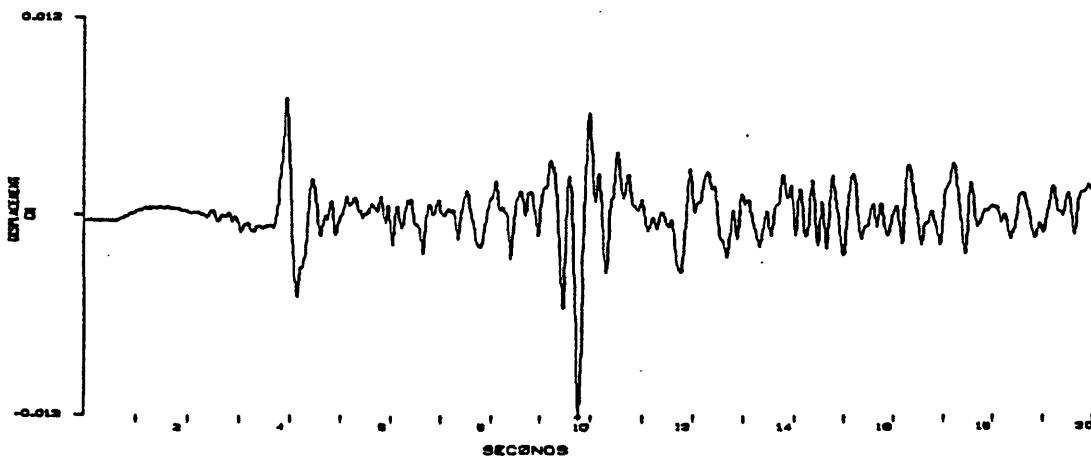
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML=3.3
STATION SLD, 000



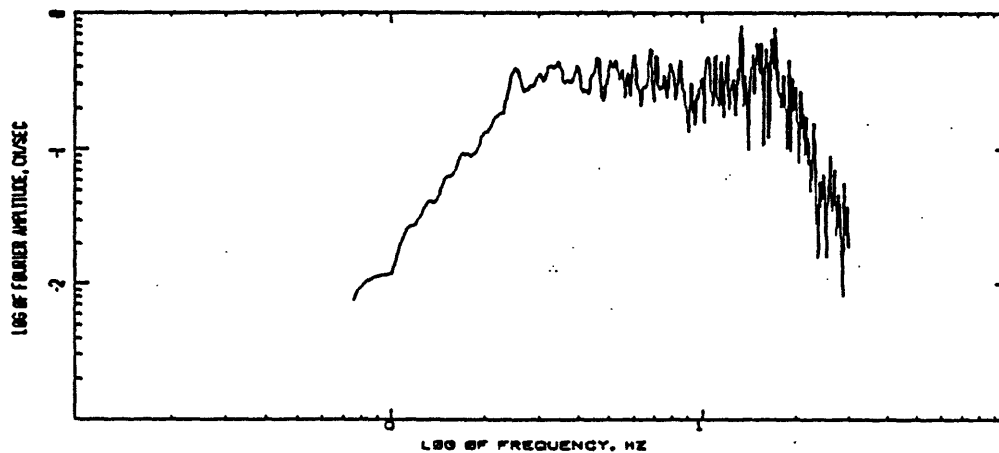
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML=3.3
STATION SLD, 000



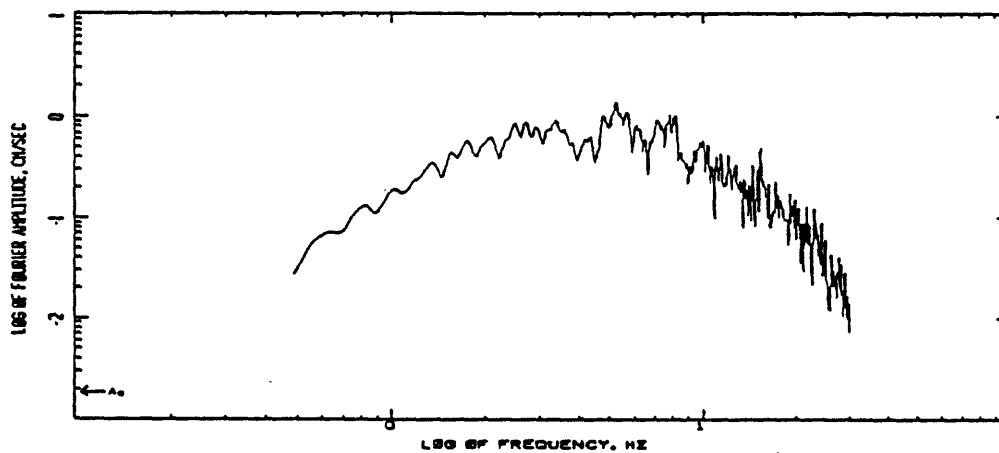
IMPERIAL VALLEY EARTHQUAKE, 10/21/79, 18:17:59 UTC, ML=3.3
STATION SLD, 278



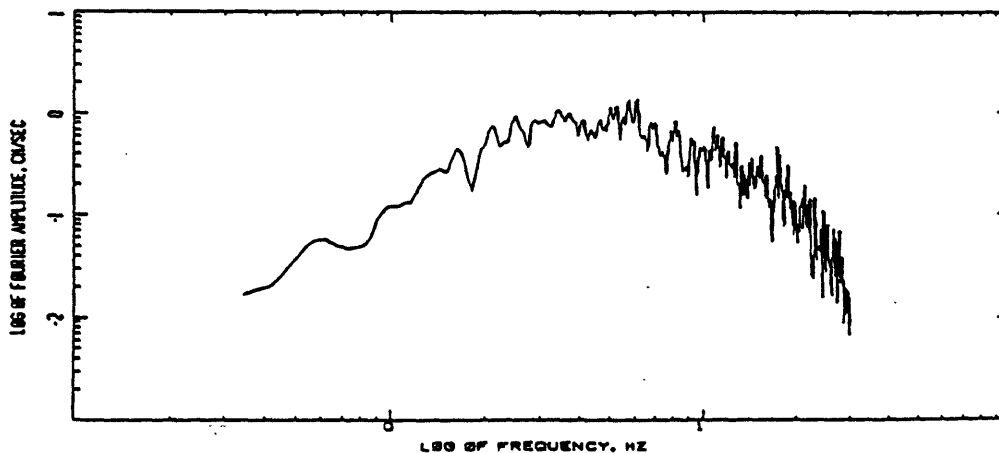
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/31/69 08:17:55 UTC. ML=3.3
 STATION 310.500
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSE



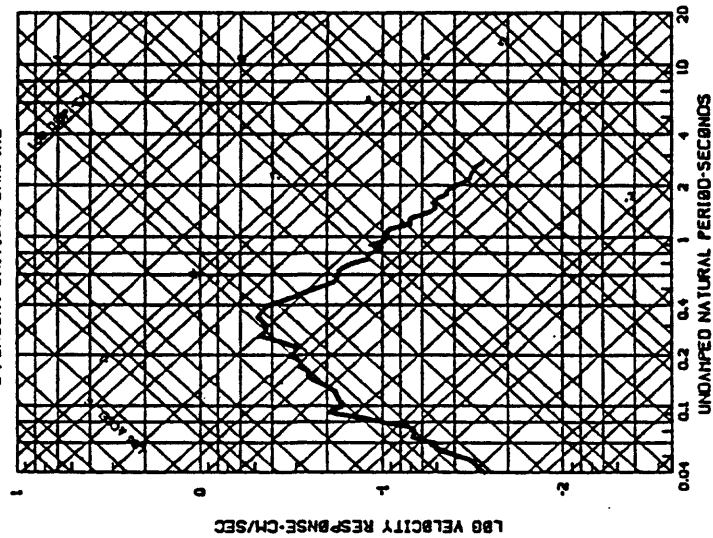
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/31/69 08:17:55 UTC. ML=3.3
 STATION 310.500
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSE



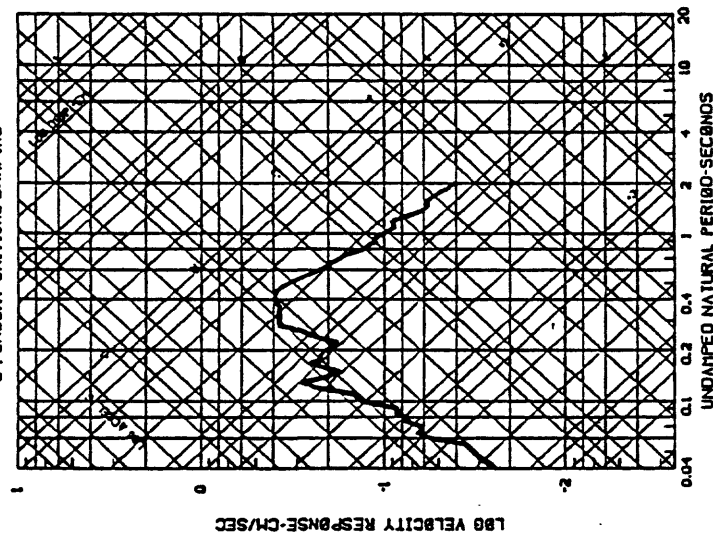
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/31/69 08:17:55 UTC. ML=3.3
 STATION 310.500
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSE



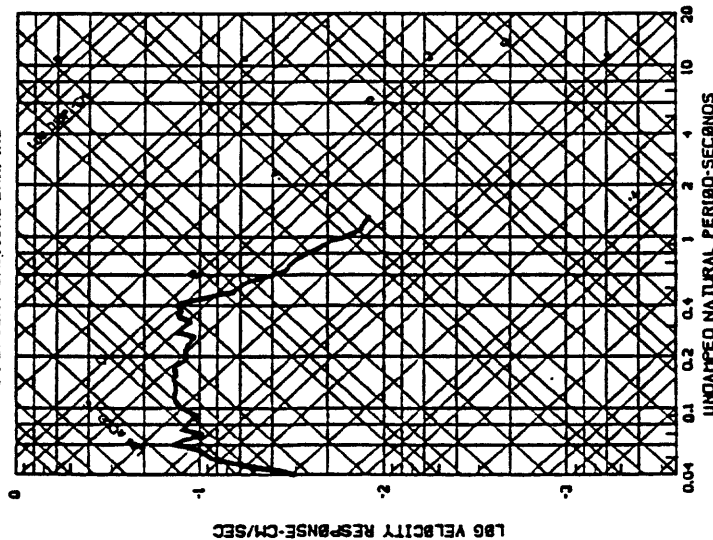
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:50 UTC, ML-3.3
 STATION 50000
 5 PERCENT CRITICAL DAMPING



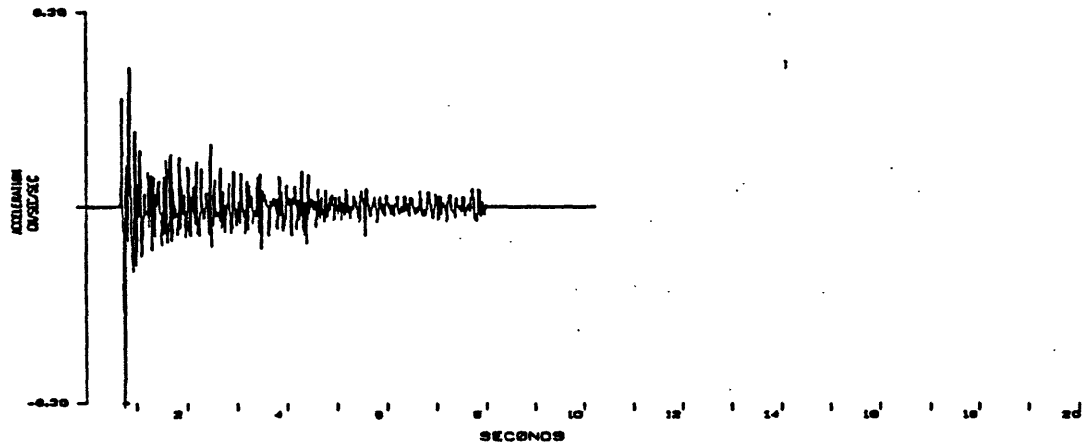
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:50 UTC, ML-3.3
 STATION 50000
 5 PERCENT CRITICAL DAMPING



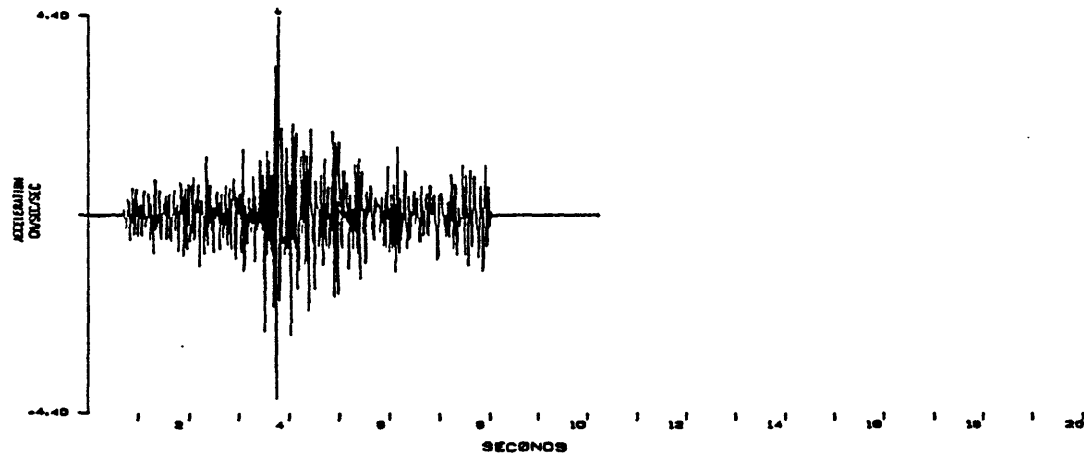
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/21/79, 18:17:50 UTC, ML-3.3
 STATION 50000
 5 PERCENT CRITICAL DAMPING



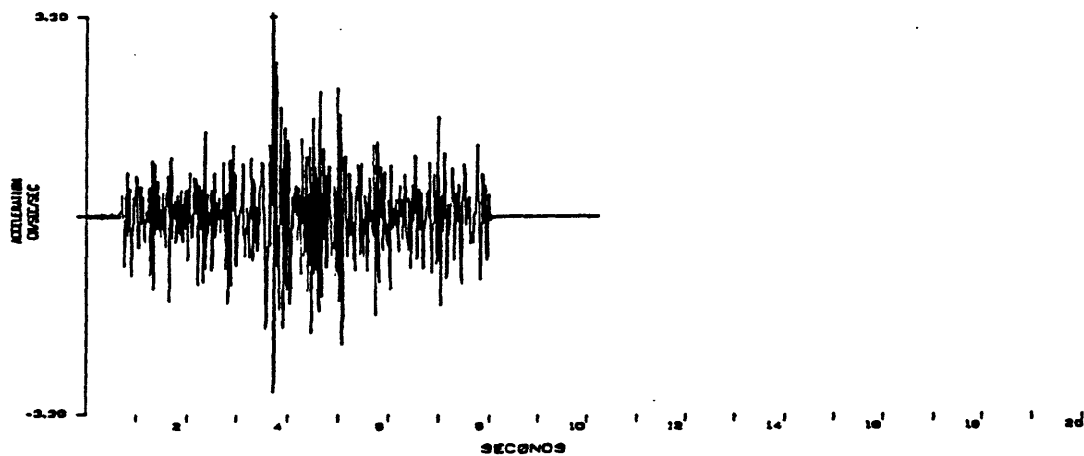
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, VERT



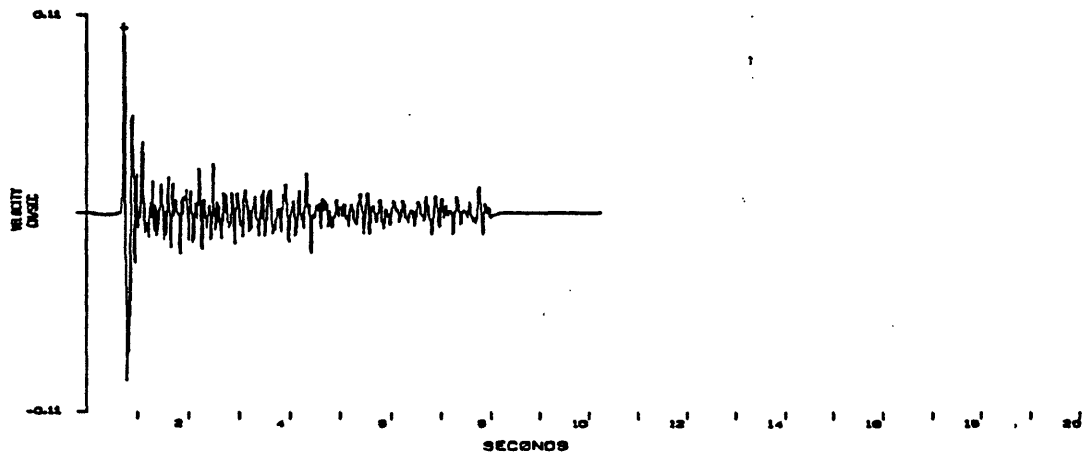
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, 000



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



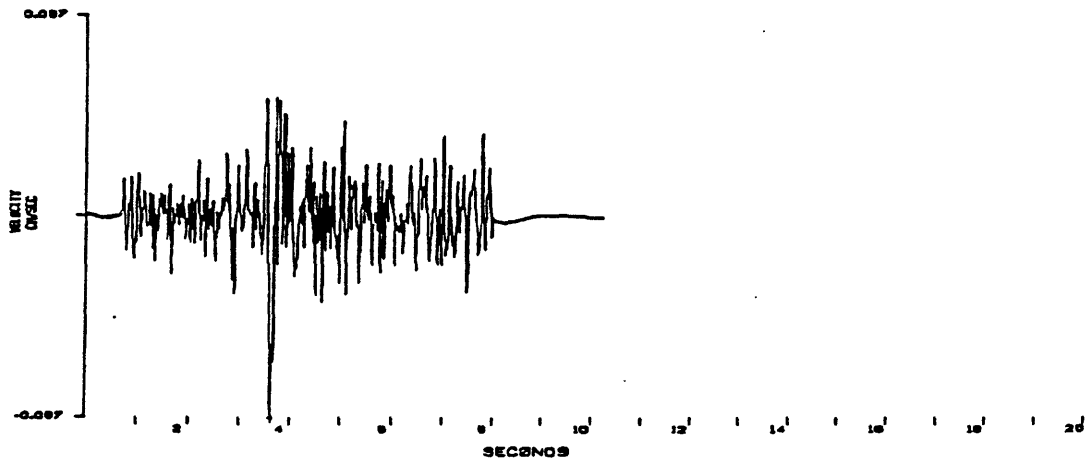
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, VERT



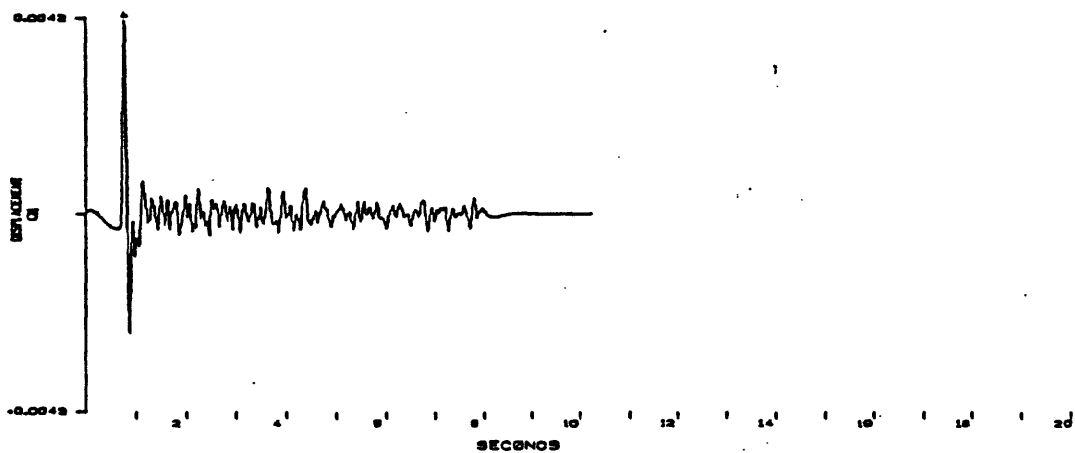
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, 500



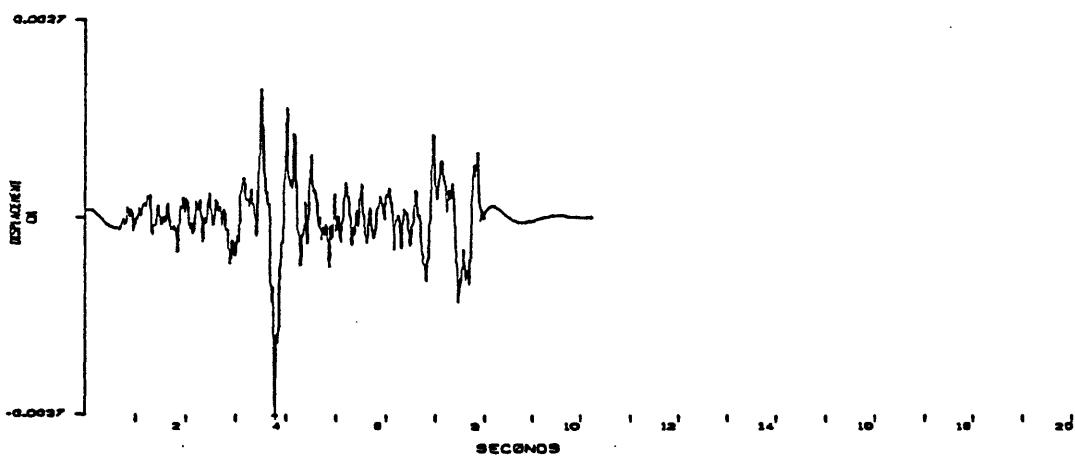
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION AFS, 270



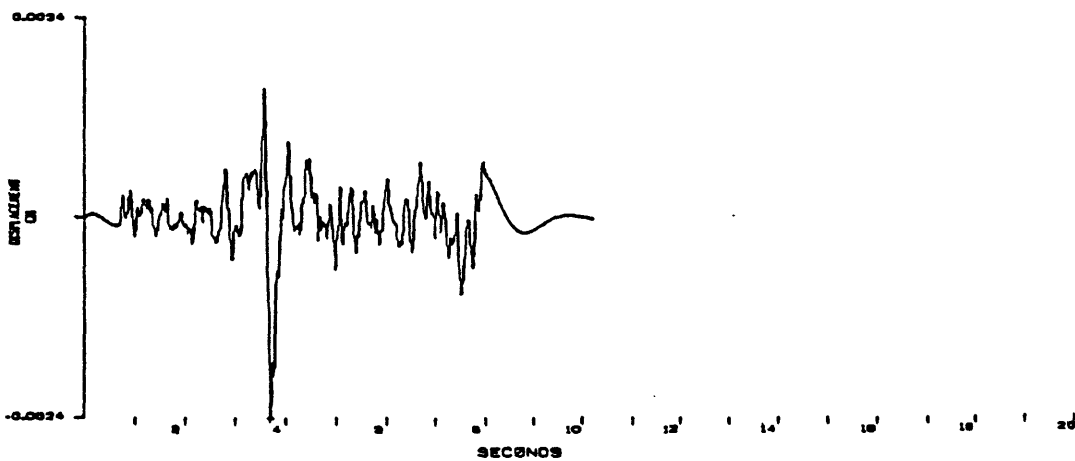
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, VERM



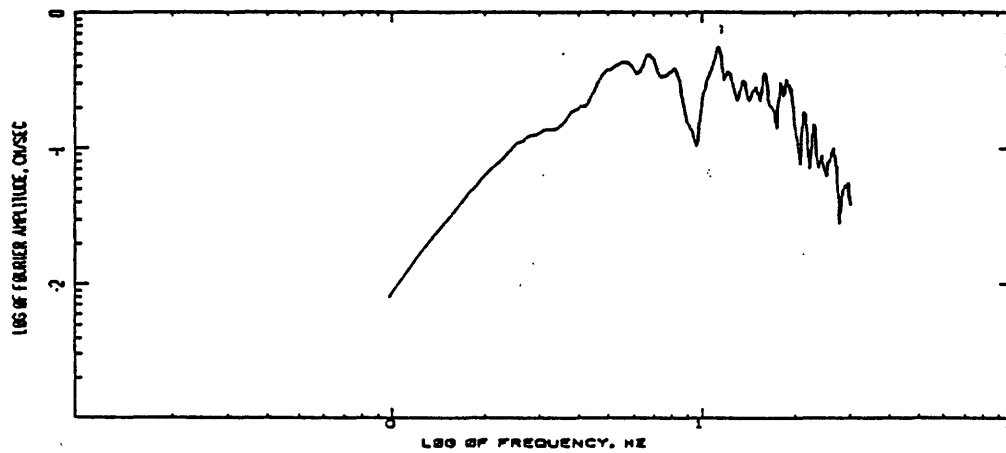
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, GGG



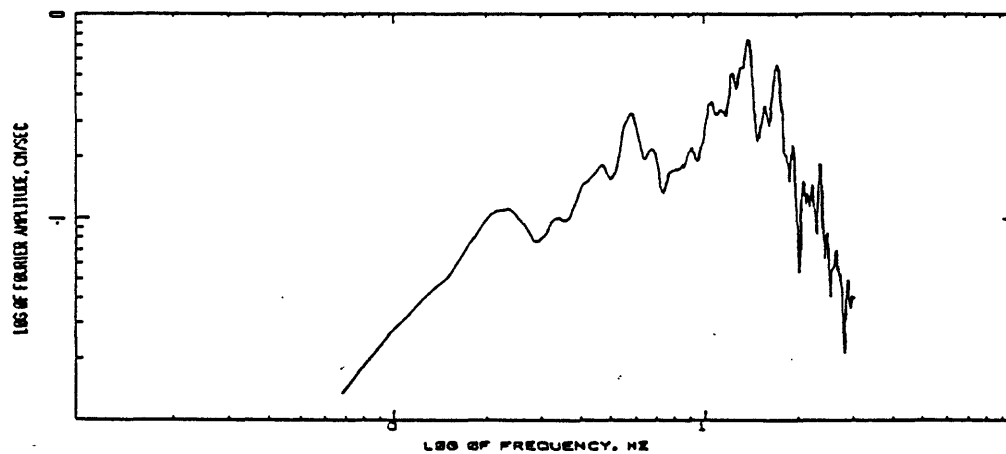
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION AFB, 370



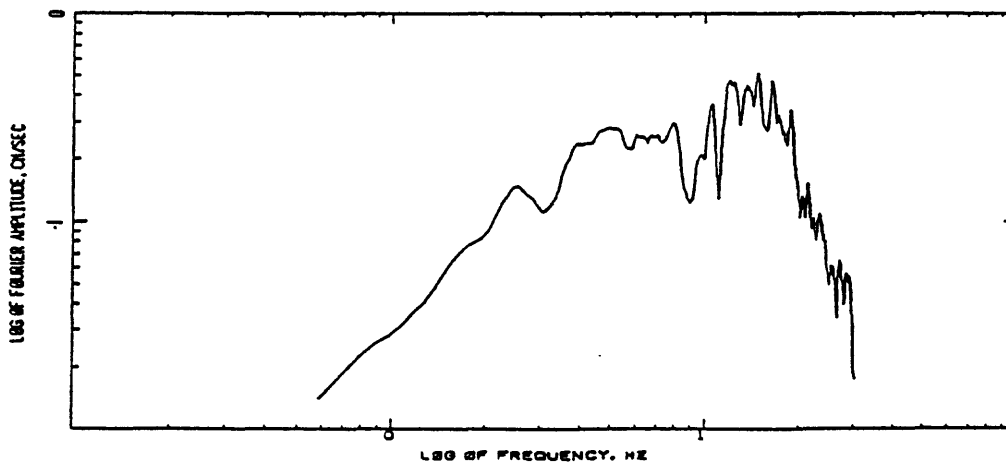
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:15 UTC, ML=3.0
 STATION AFS, VER
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



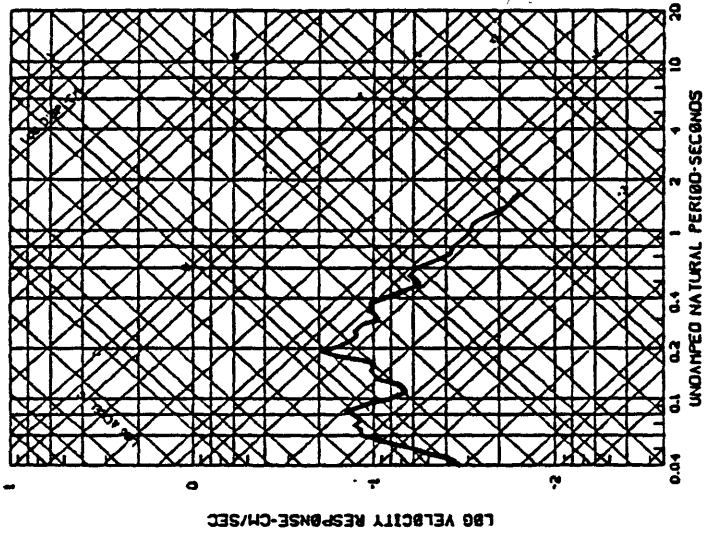
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:15 UTC, ML=3.0
 STATION AFS, DOO
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



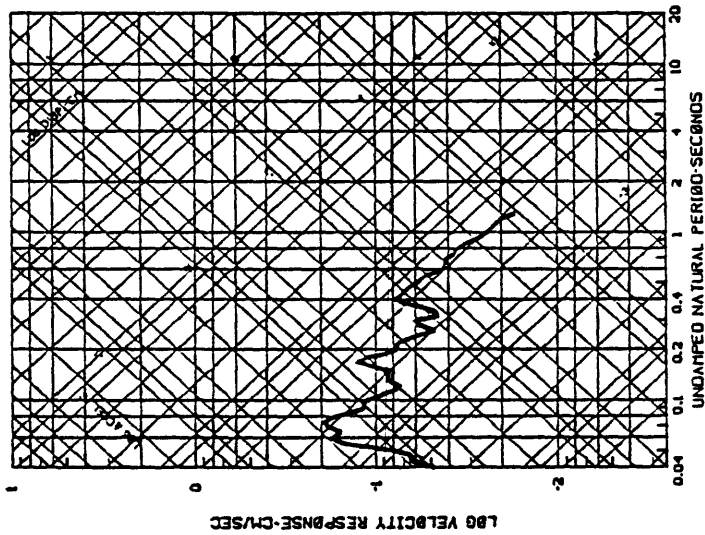
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:15 UTC, ML=3.0
 STATION AFS, SVA
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



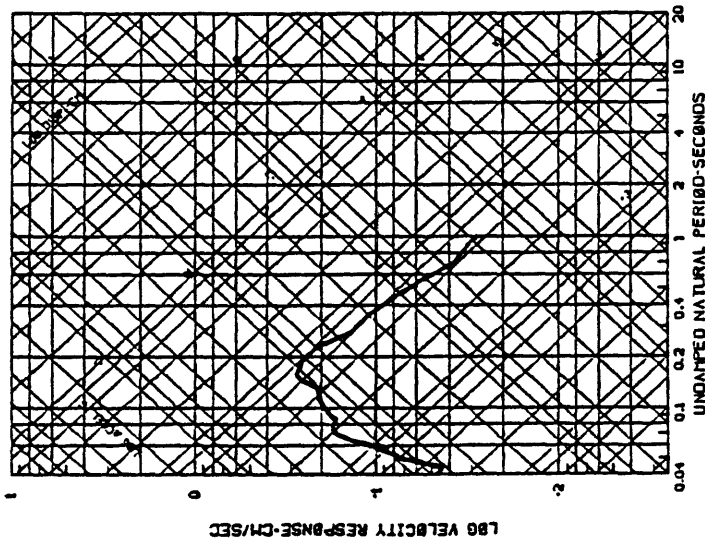
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



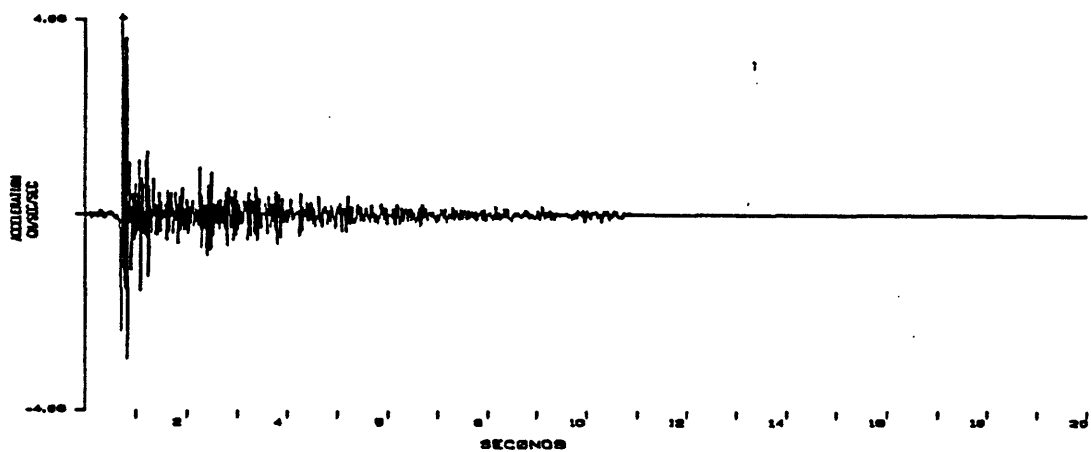
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



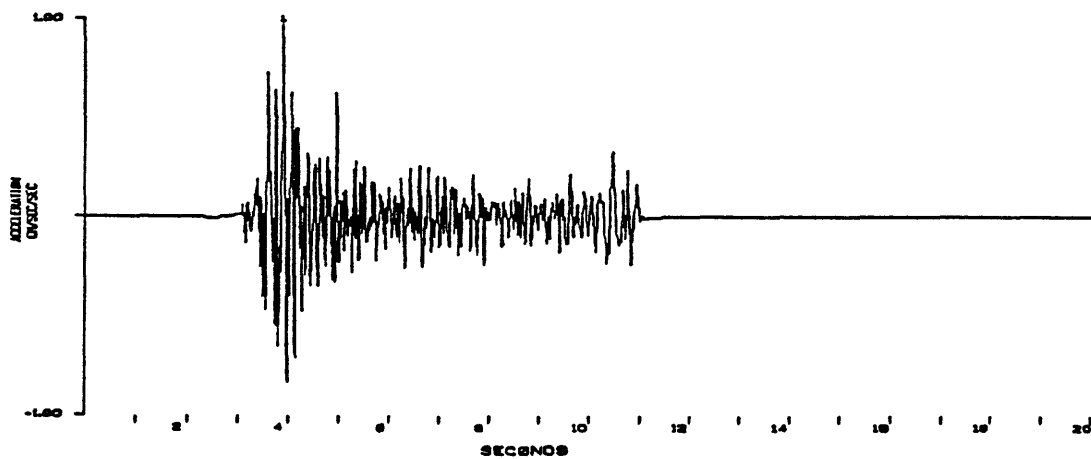
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION AFB, 000
 5 PERCENT CRITICAL DAMPING



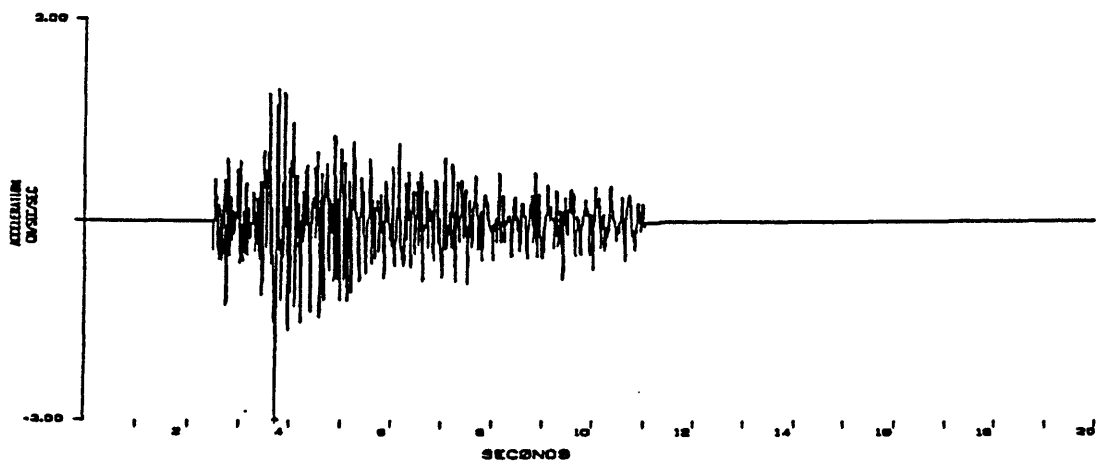
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CF6, VERT



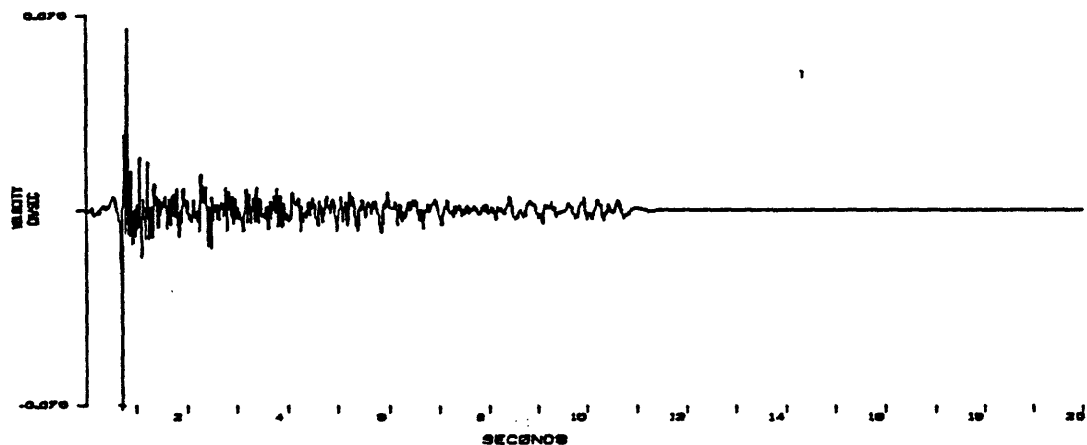
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CF6, 500



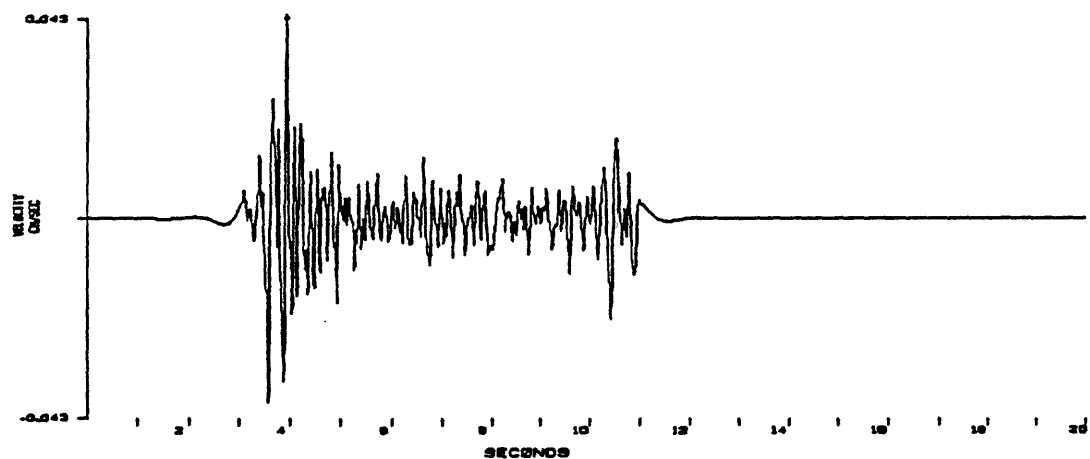
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CF6, 500



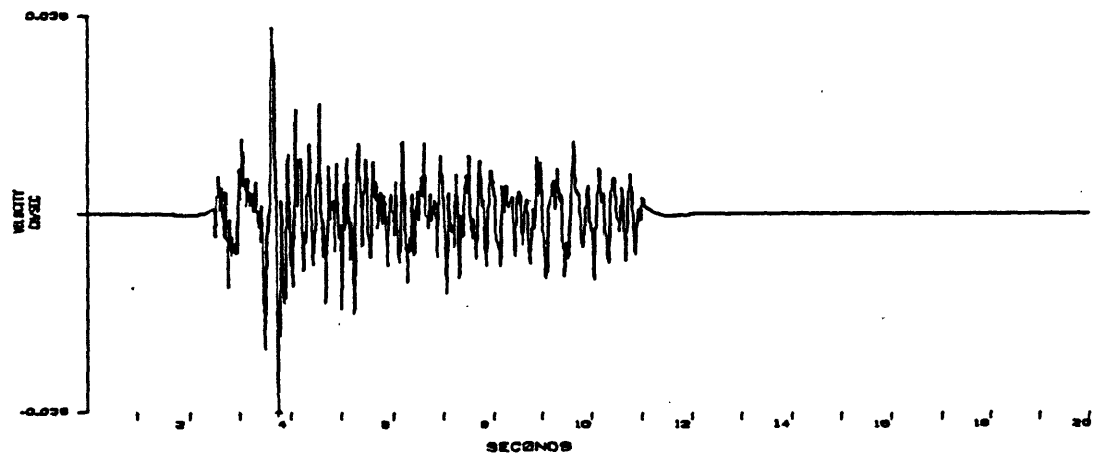
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, VERT



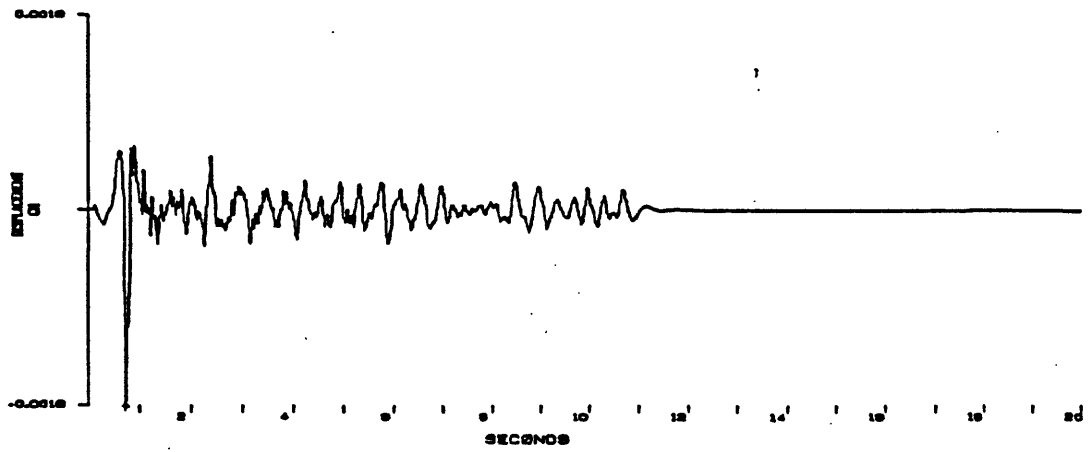
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



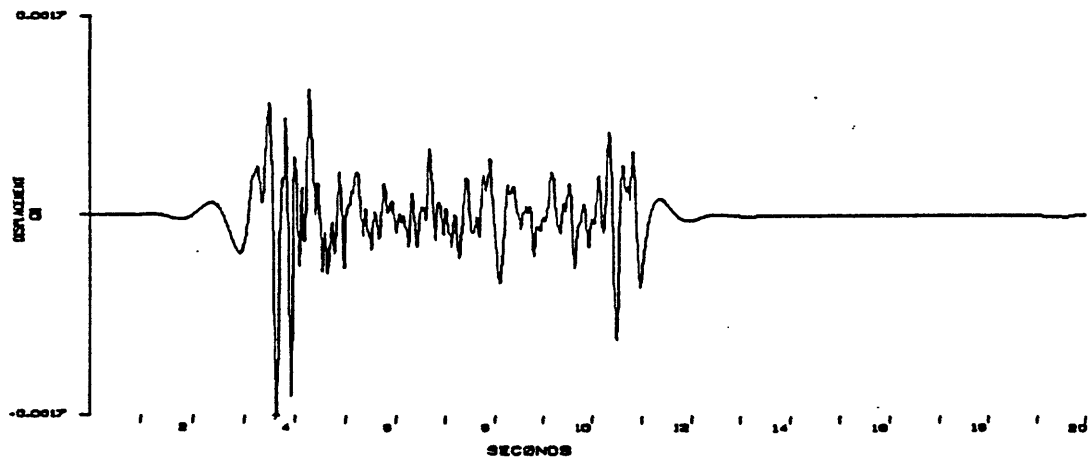
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



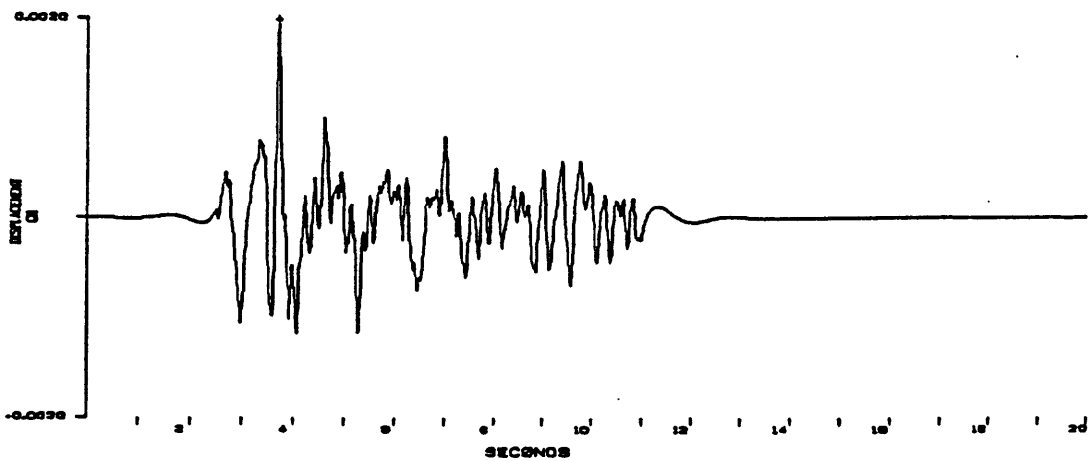
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, VERT



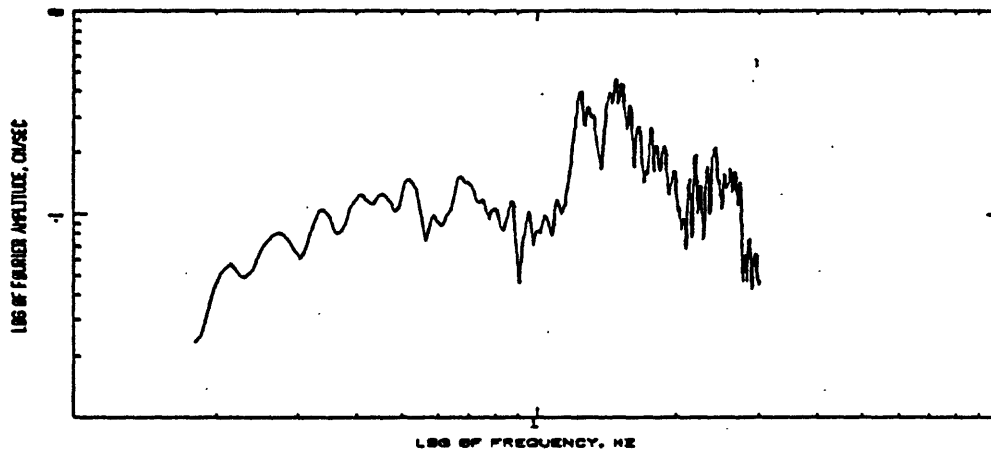
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



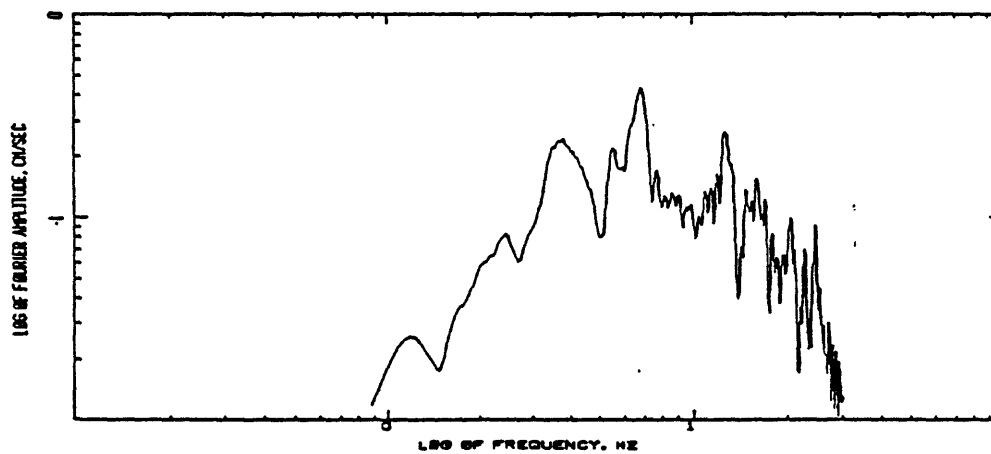
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CPG, DOO



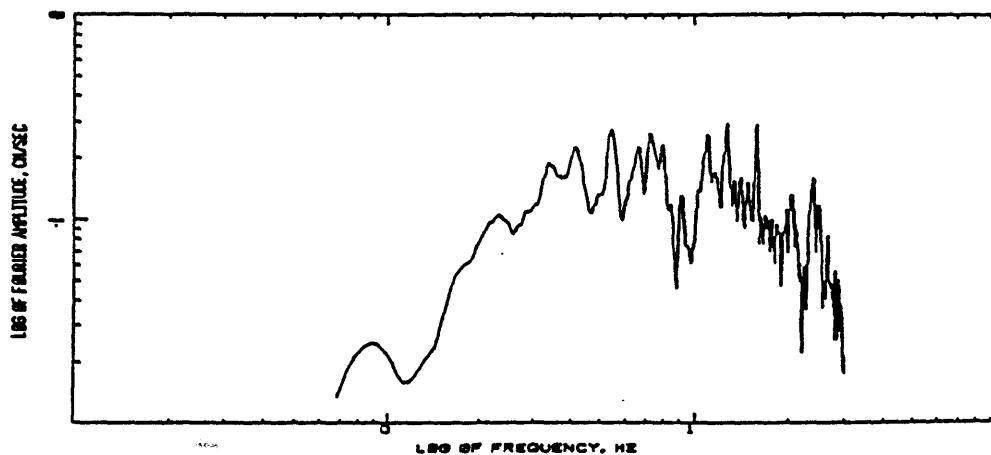
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:13 UTC, MC-3.0
 STATION 026, 000
 COMPUTING OPTIONS- ZCROSS,SHOOT,MIO,NONBIE



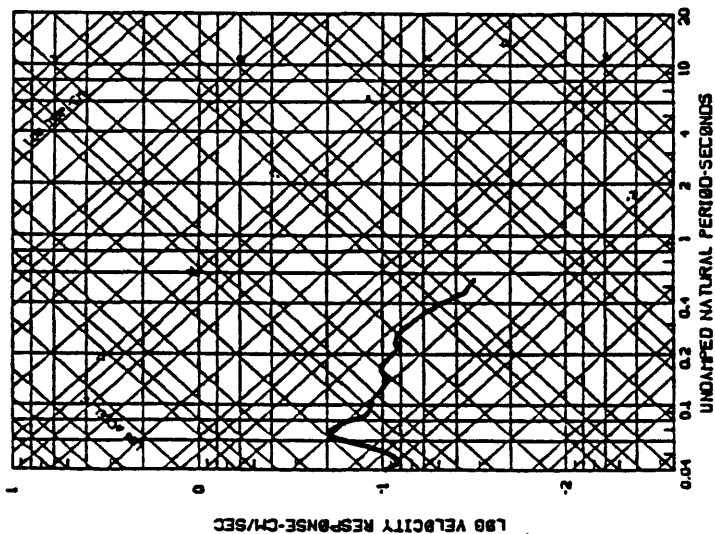
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:13 UTC, MC-3.0
 STATION 026, 000
 COMPUTING OPTIONS- ZCROSS,SHOOT,MIO,NONBIE



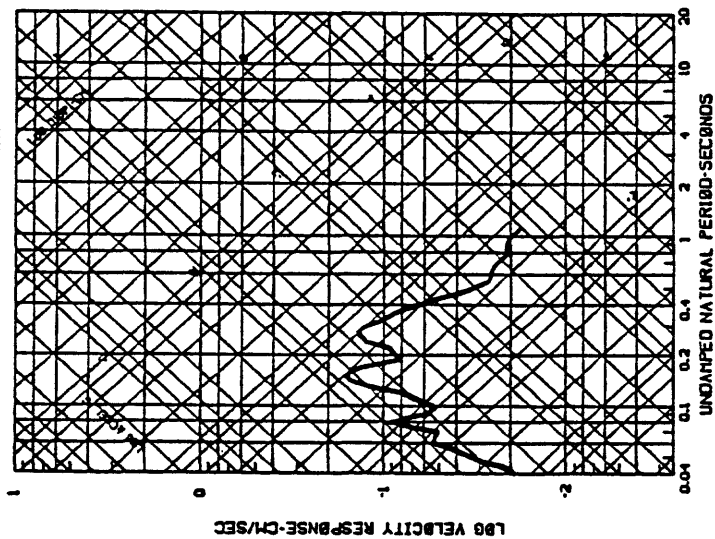
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/78, 01:13:13 UTC, MC-3.0
 STATION 026, 000
 COMPUTING OPTIONS- ZCROSS,SHOOT,MIO,NONBIE



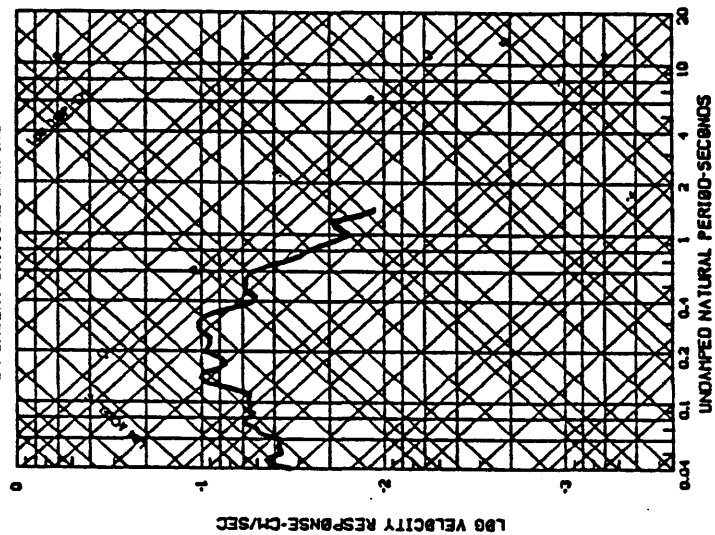
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PFG, VERT
5 PERCENT CRITICAL DAMPING



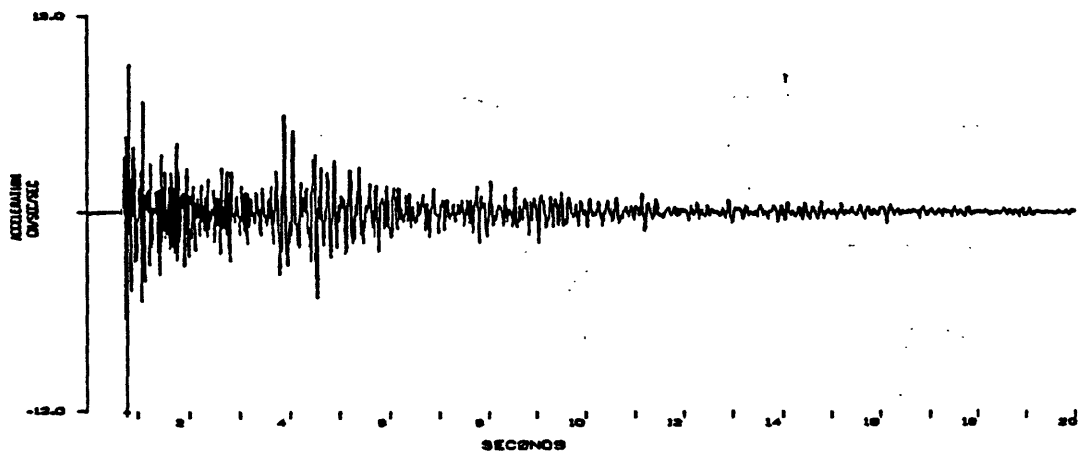
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PFG, HORIZ
5 PERCENT CRITICAL DAMPING



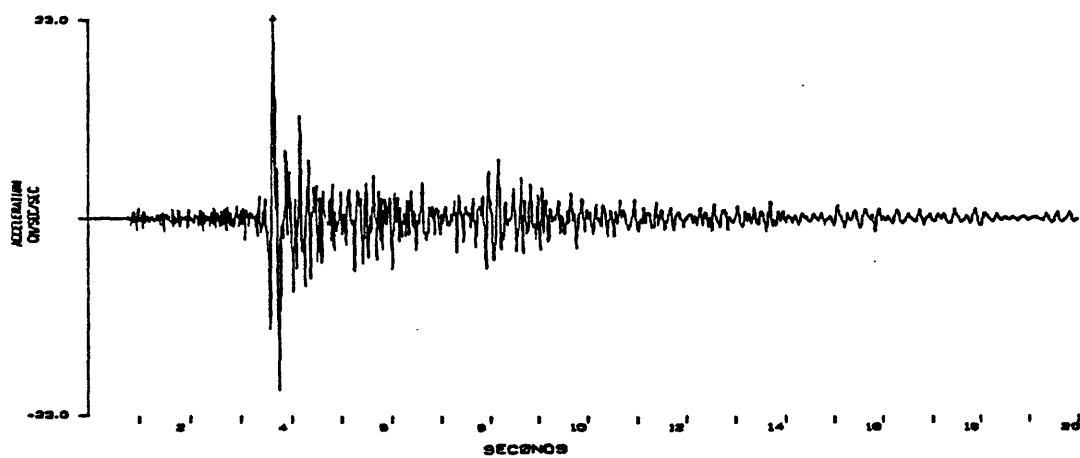
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PFG, HORIZ
5 PERCENT CRITICAL DAMPING



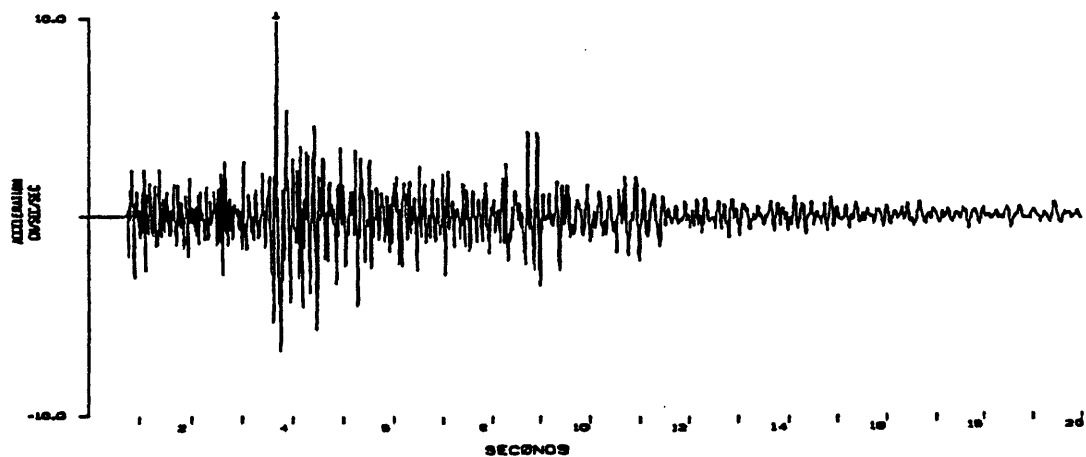
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, VER



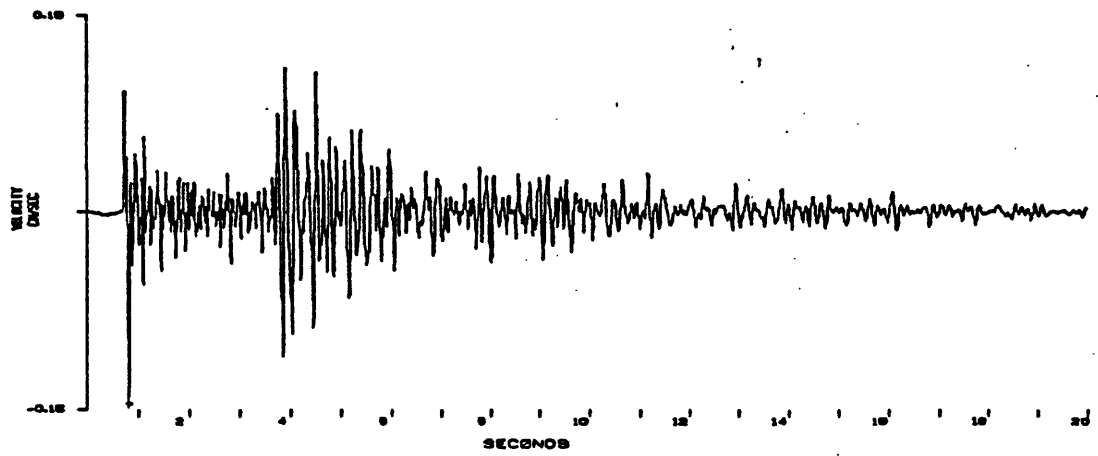
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, D00



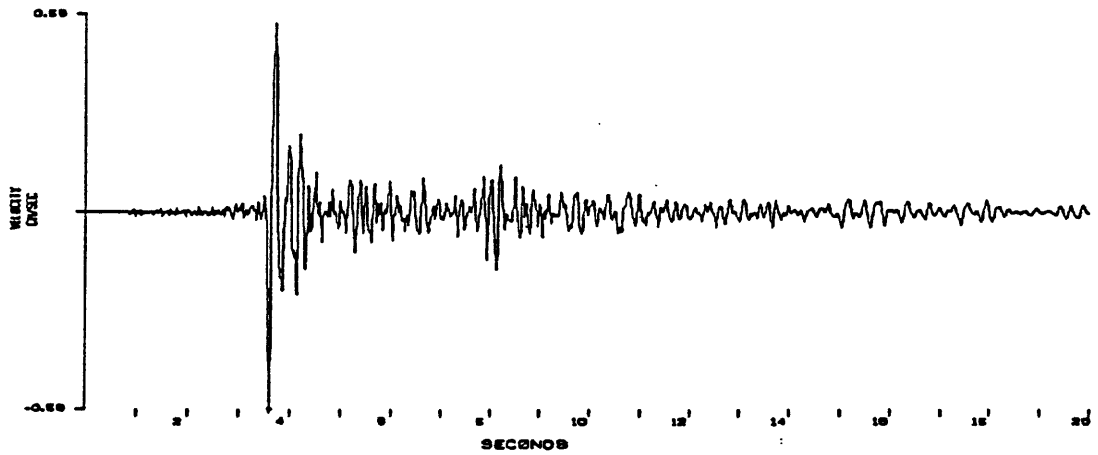
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, 270



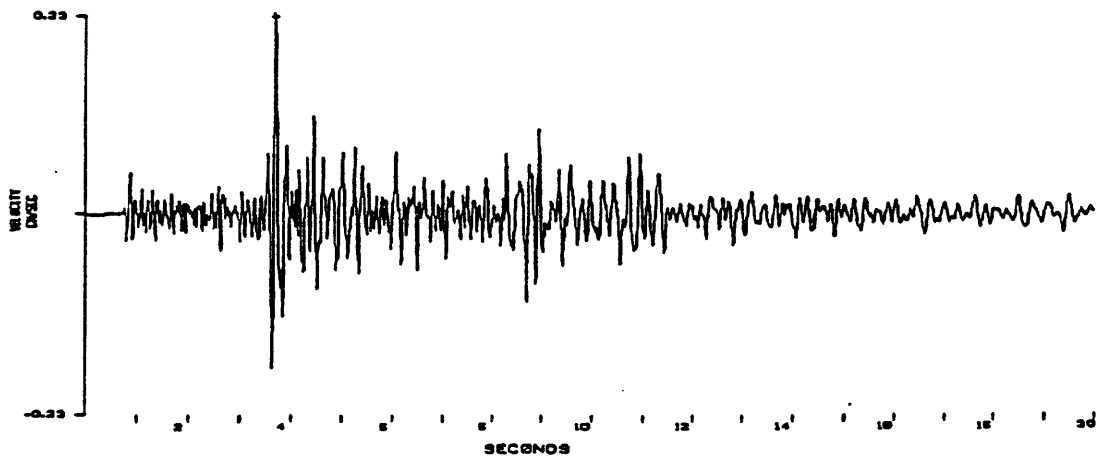
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, VEH



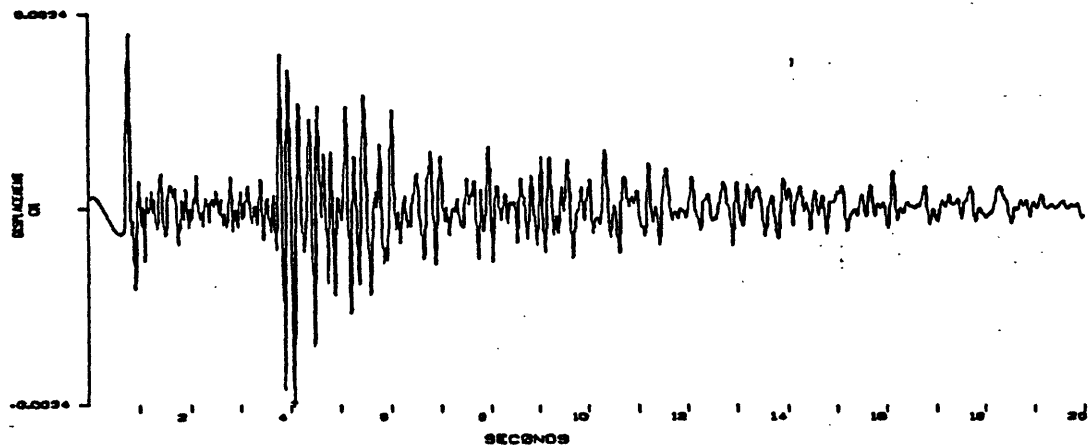
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, DOO



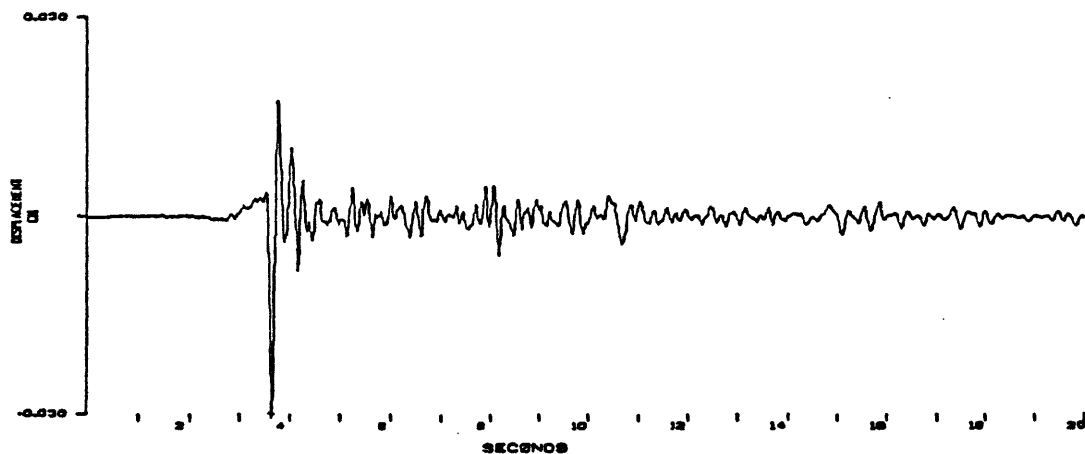
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CRR, 270



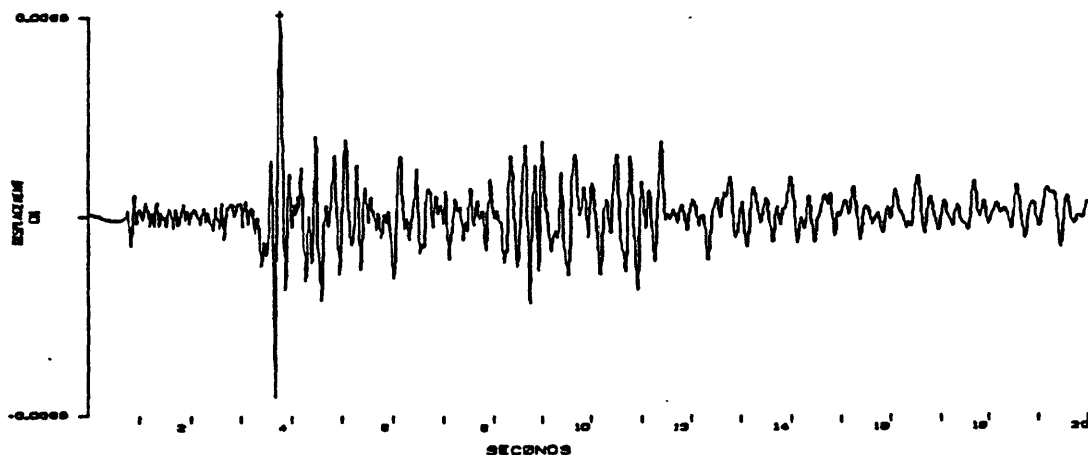
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CAK, VENT



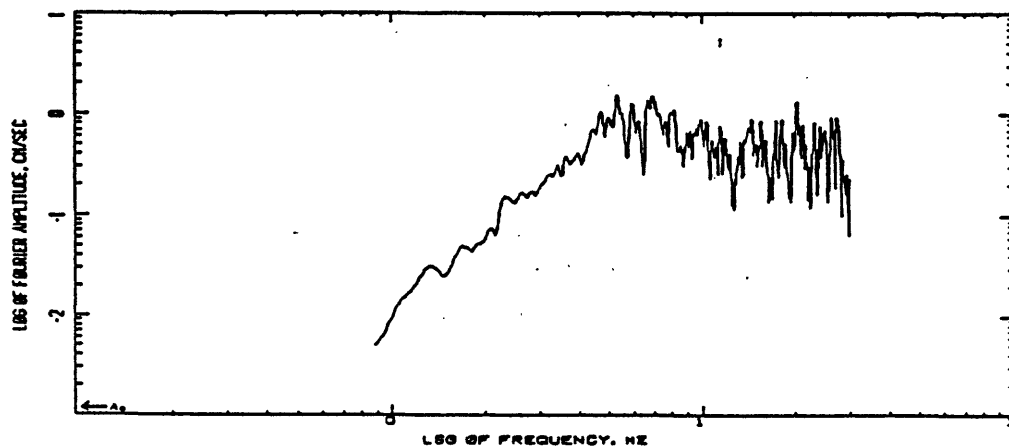
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CAK, DDO



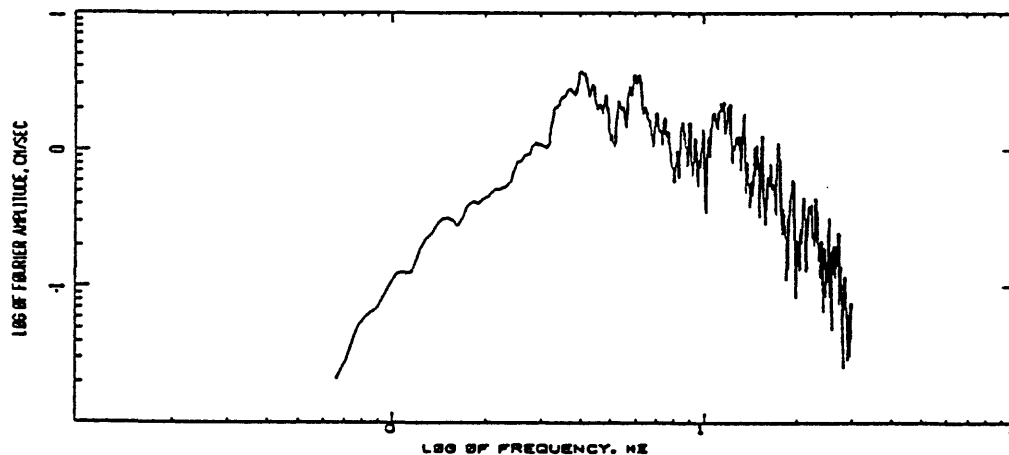
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION CAK, DDO



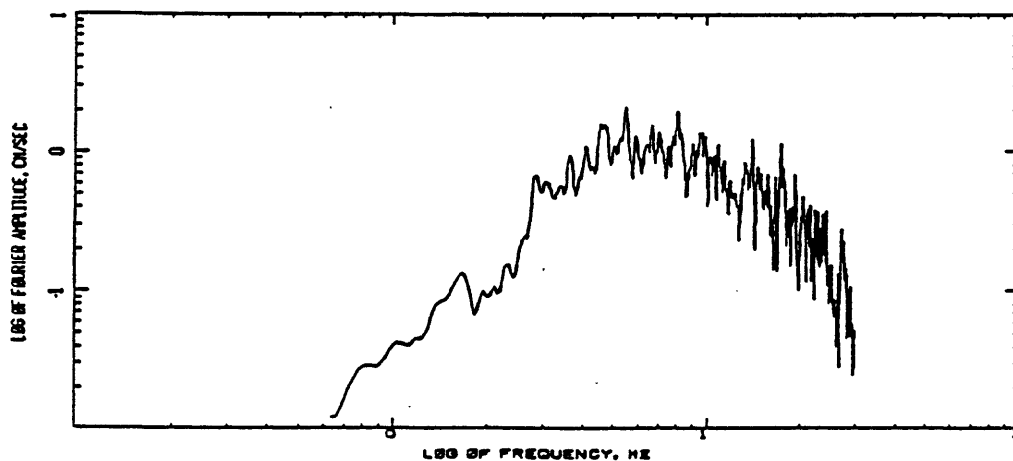
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1973/74, 04.15.15 UTC, ML=3.0
 STATION 12N, 12E, 12S, 12W, 12X, 12Y, 12Z
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



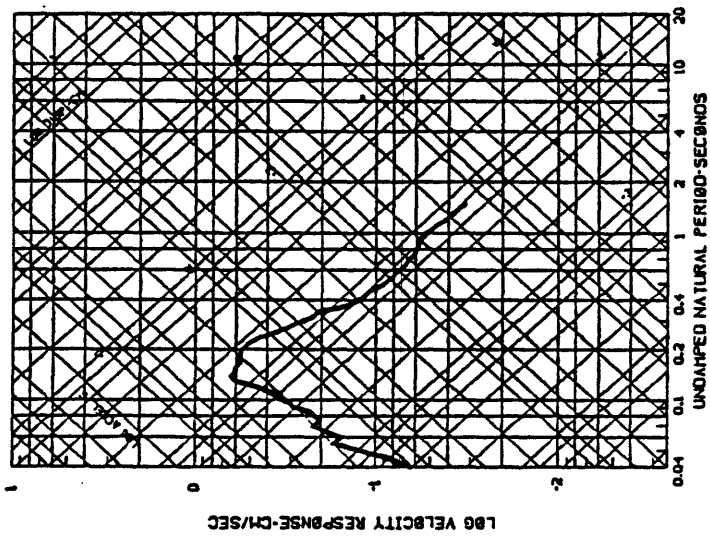
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1973/74, 04.15.15 UTC, ML=3.0
 STATION 12N, 12E, 12S, 12W, 12X, 12Y, 12Z
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



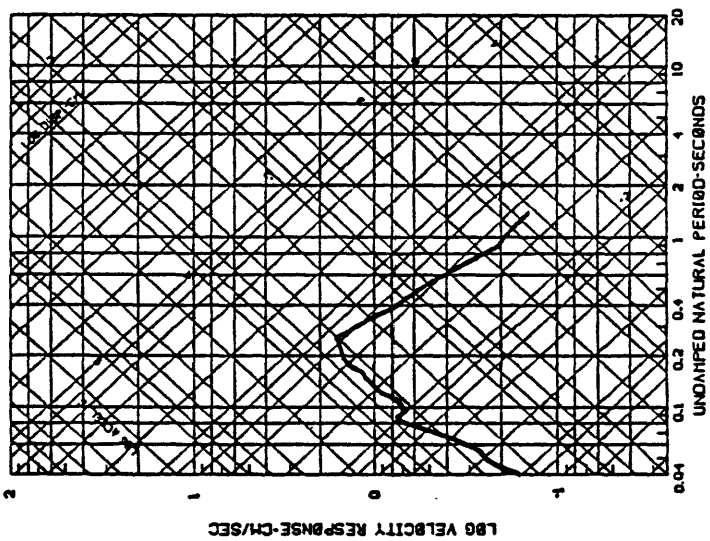
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1973/74, 04.15.15 UTC, ML=3.0
 STATION 12N, 12E, 12S, 12W, 12X, 12Y, 12Z
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NONSISE



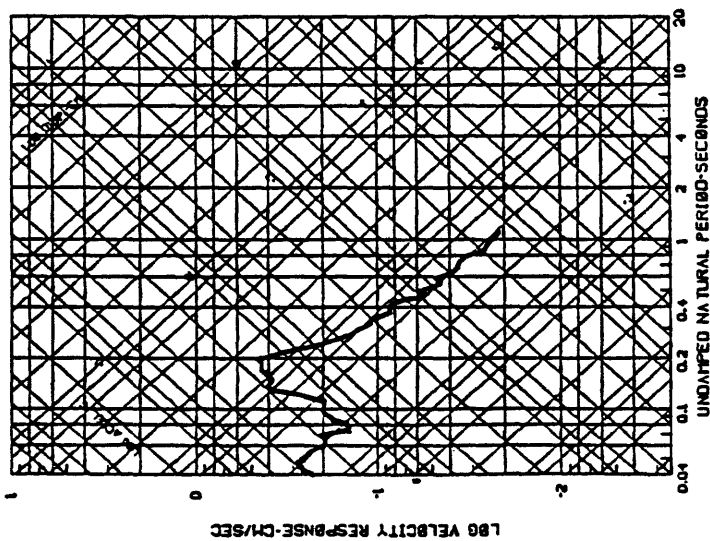
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 011313J UTC, ML-3.0
 STATION CRK 000
 5 PERCENT CRITICAL DAMPING



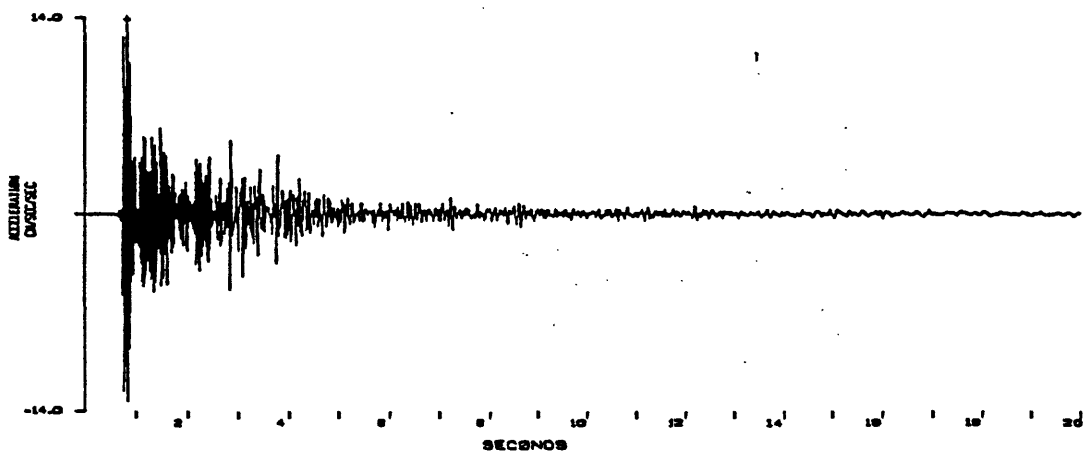
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 011313J UTC, ML-3.0
 STATION CRK 000
 5 PERCENT CRITICAL DAMPING



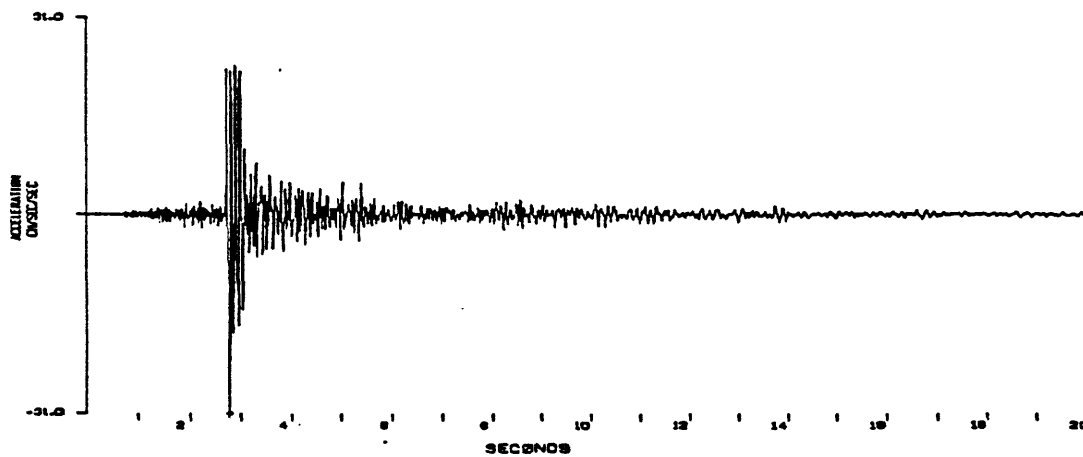
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 011313J UTC, ML-3.0
 STATION CRK 000
 5 PERCENT CRITICAL DAMPING



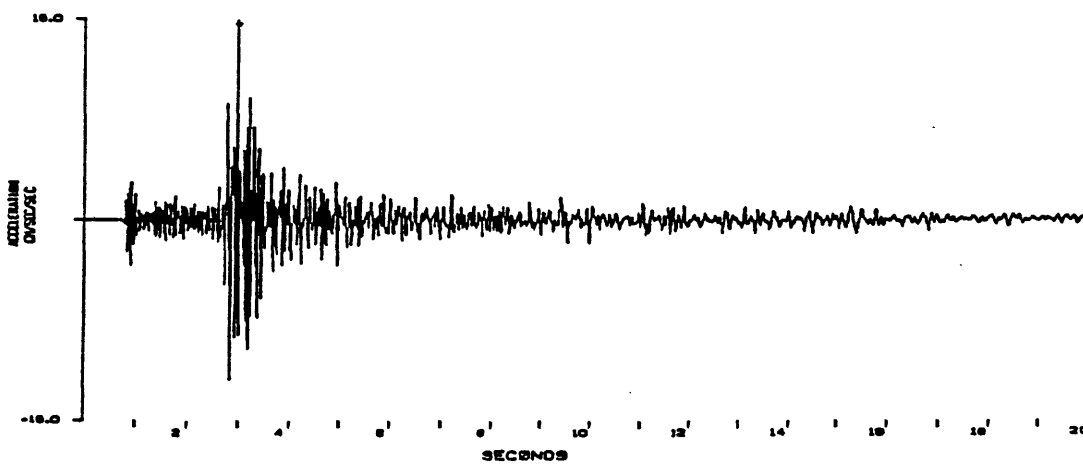
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, VER-1



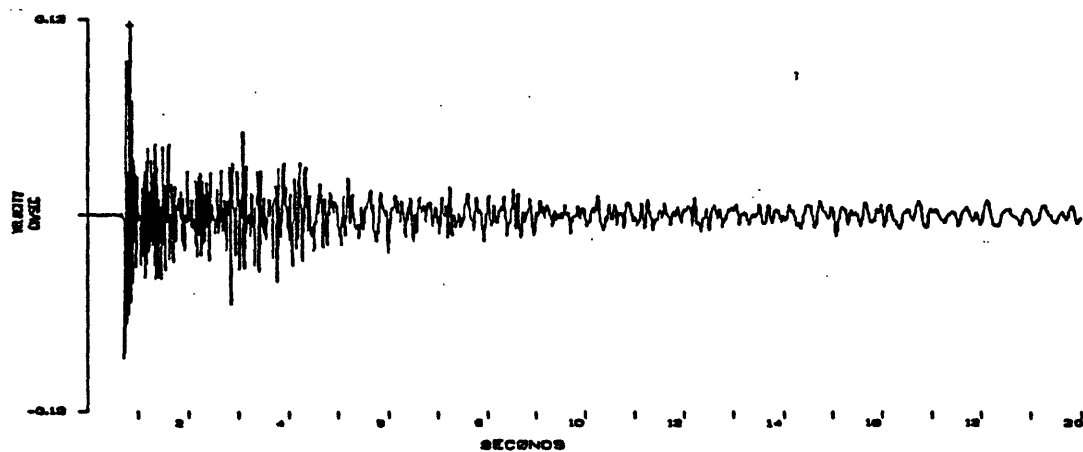
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, D00



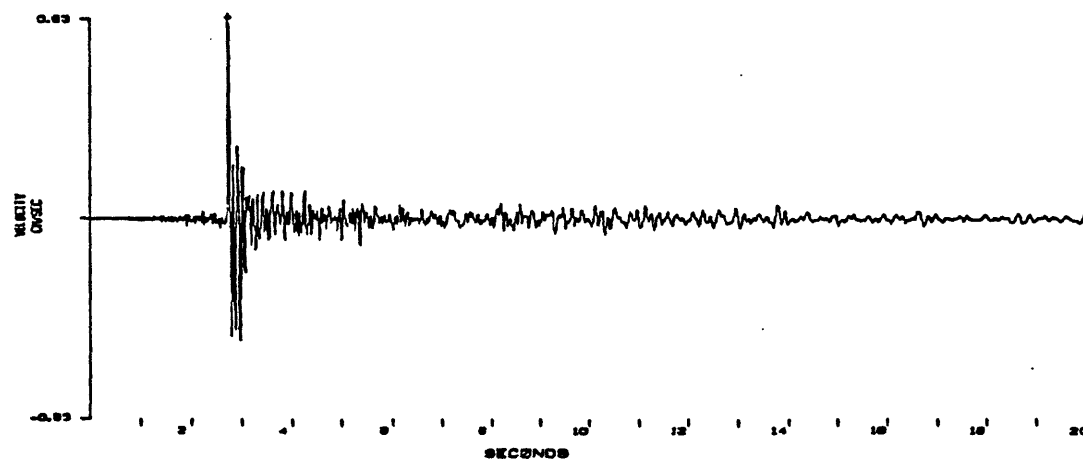
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION FBR, 270



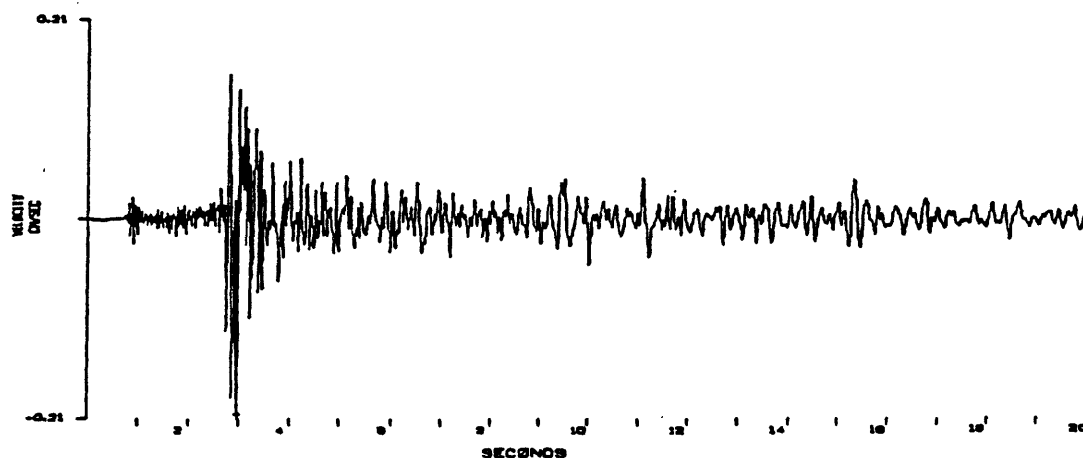
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, VERT



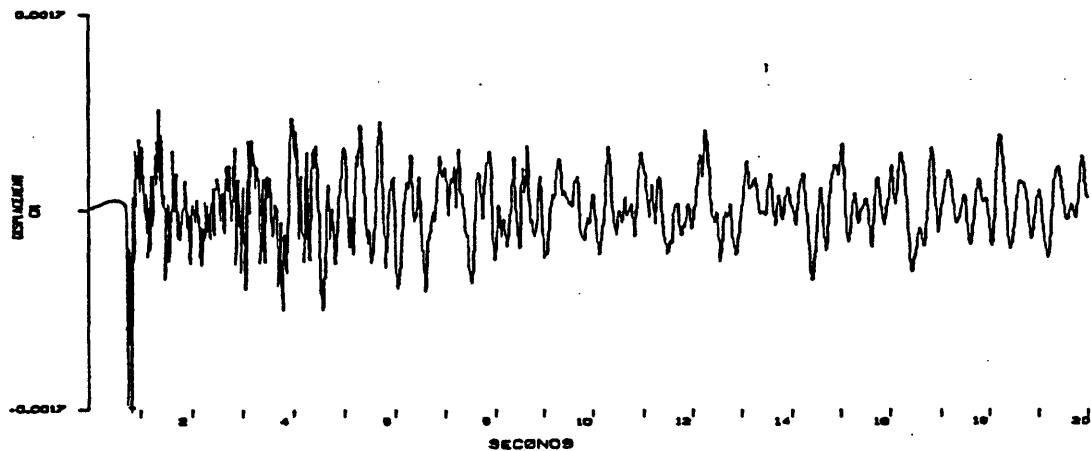
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, DOO



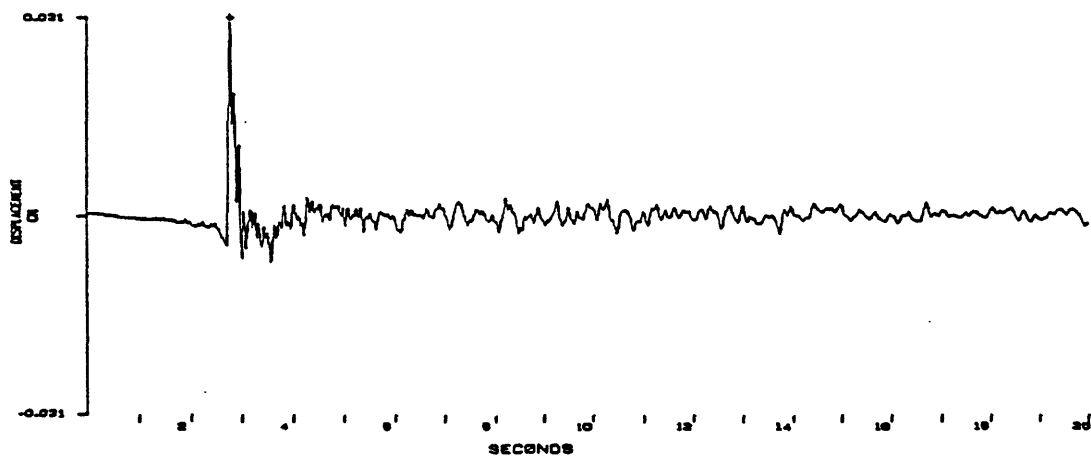
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=5.0
STATION FBR, 270



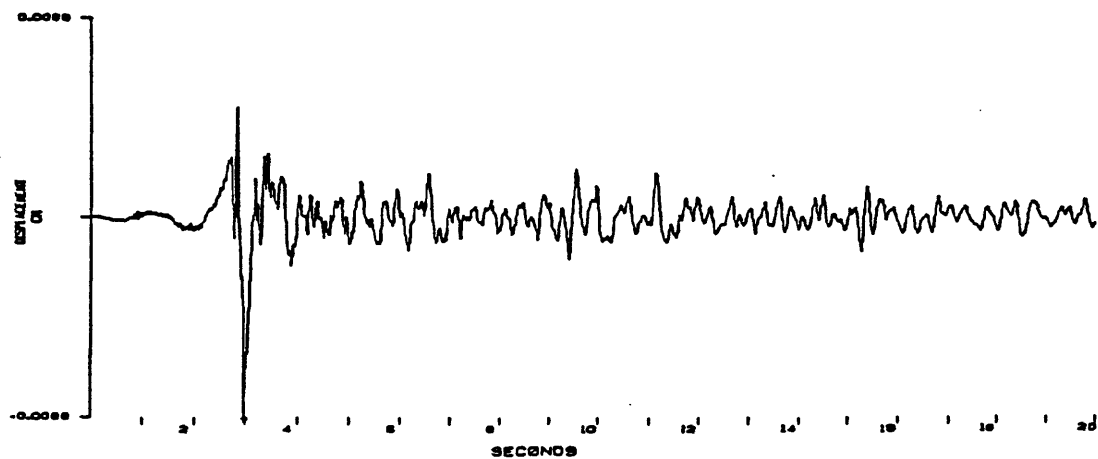
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, VERT



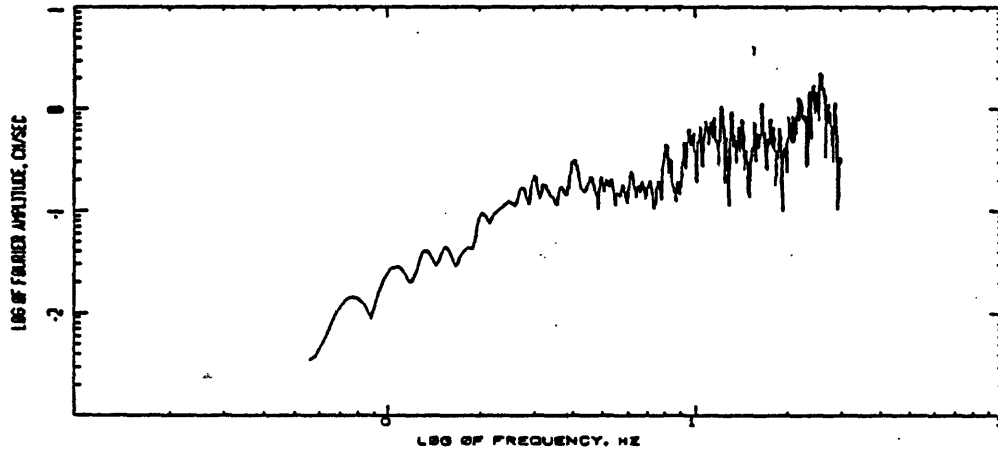
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, GGG



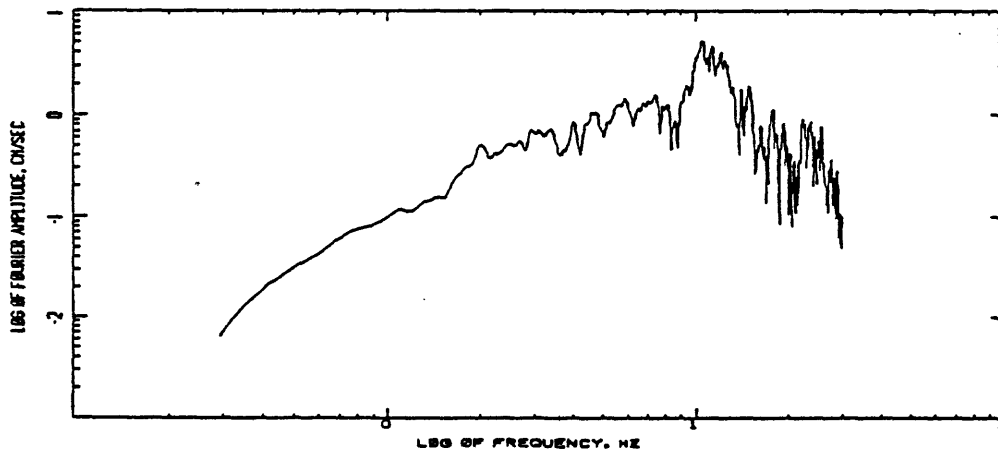
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-3.0
STATION FBR, 270



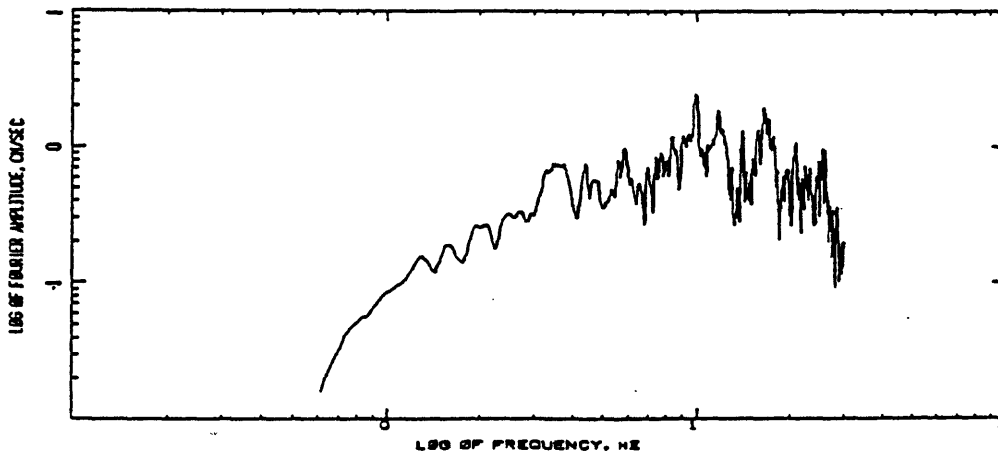
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION EBR, 01.15.13 UTC, ML=3.0
 COMPUTING OPTIONS- ZCRSS,SHS8TH10J,NONSISE



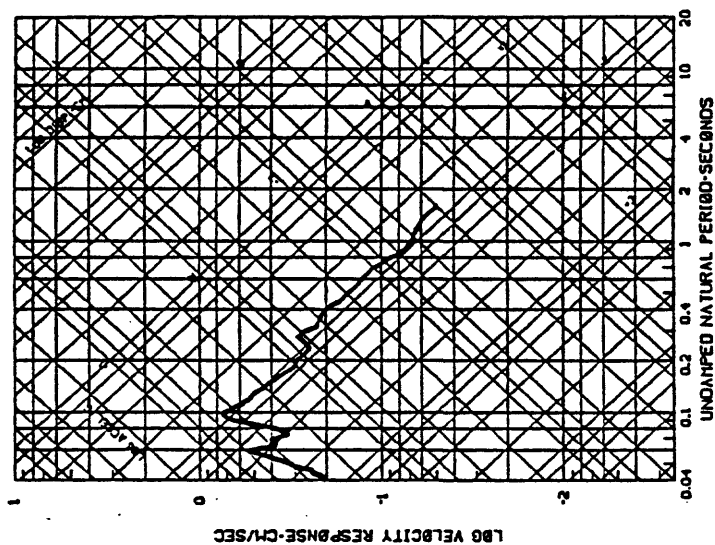
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION EBR, 01.15.13 UTC, ML=3.0
 COMPUTING OPTIONS- ZCRSS,SHS8TH10J,NONSISE



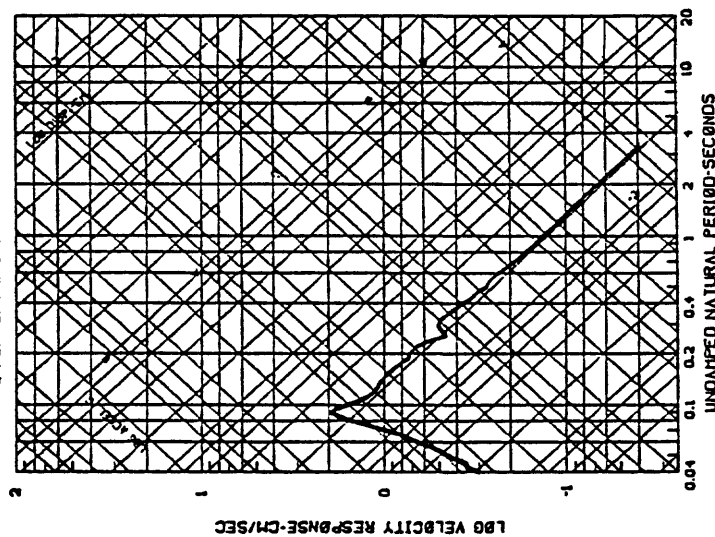
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE STATION EBR, 01.15.13 UTC, ML=3.0
 COMPUTING OPTIONS- ZCRSS,SHS8TH10J,NONSISE



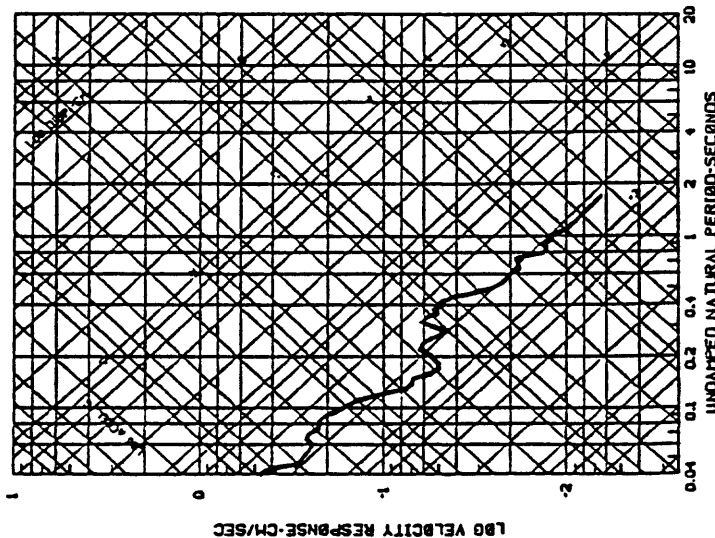
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION PER 270
 5 PERCENT CRITICAL DAMPING



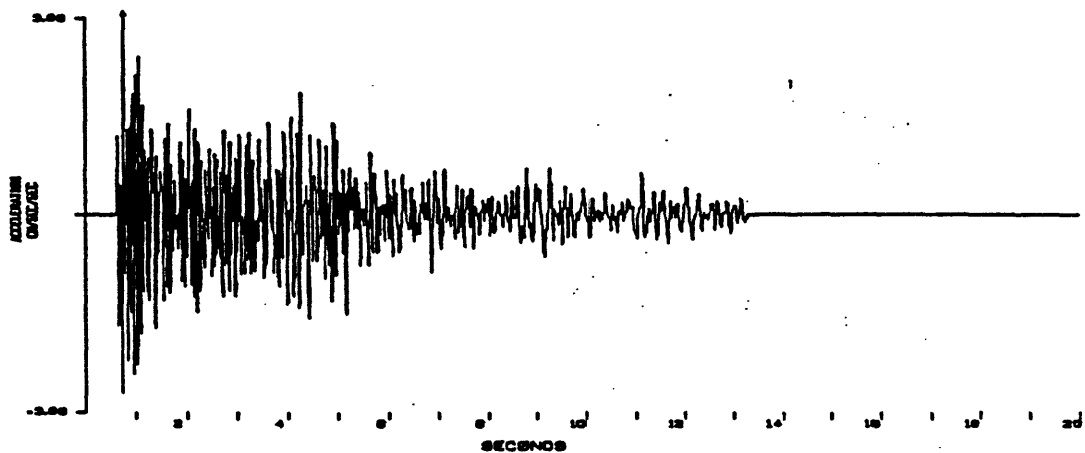
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION PER 000
 5 PERCENT CRITICAL DAMPING



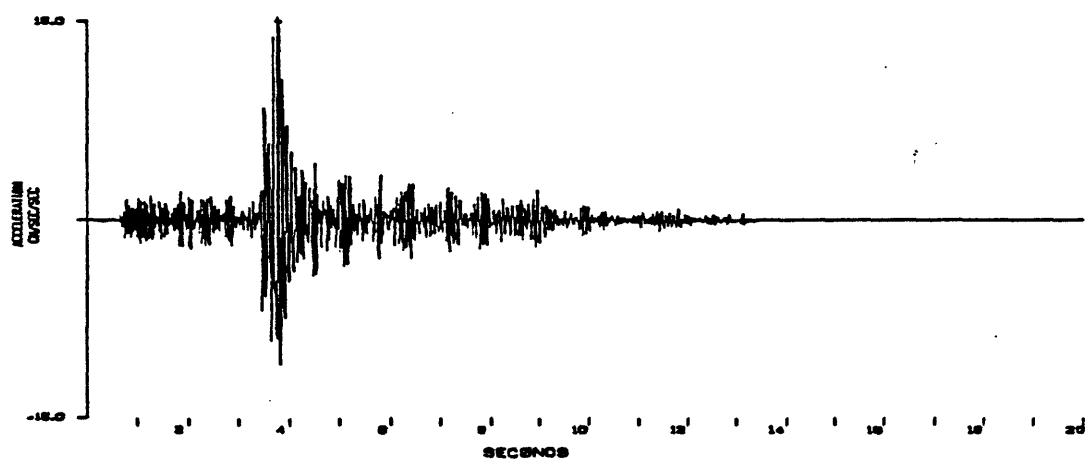
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
 STATION PER 001
 5 PERCENT CRITICAL DAMPING



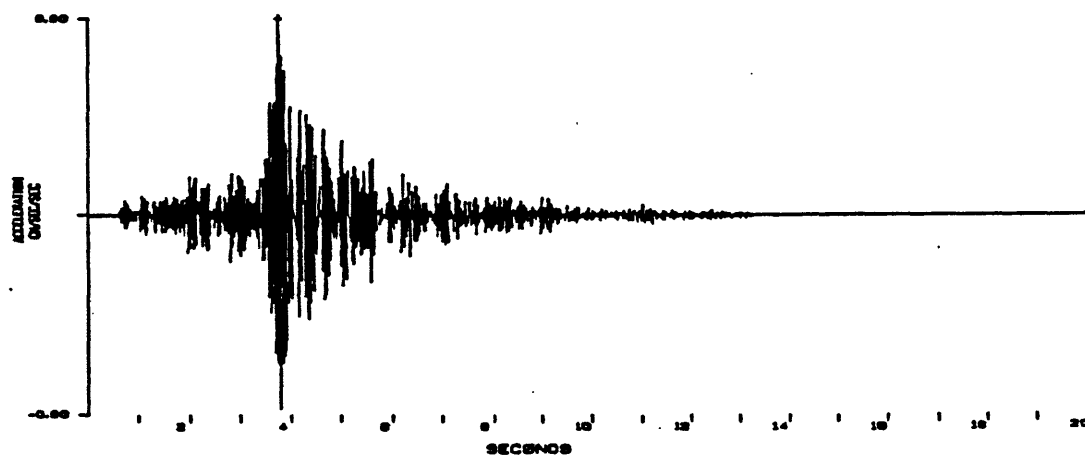
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0



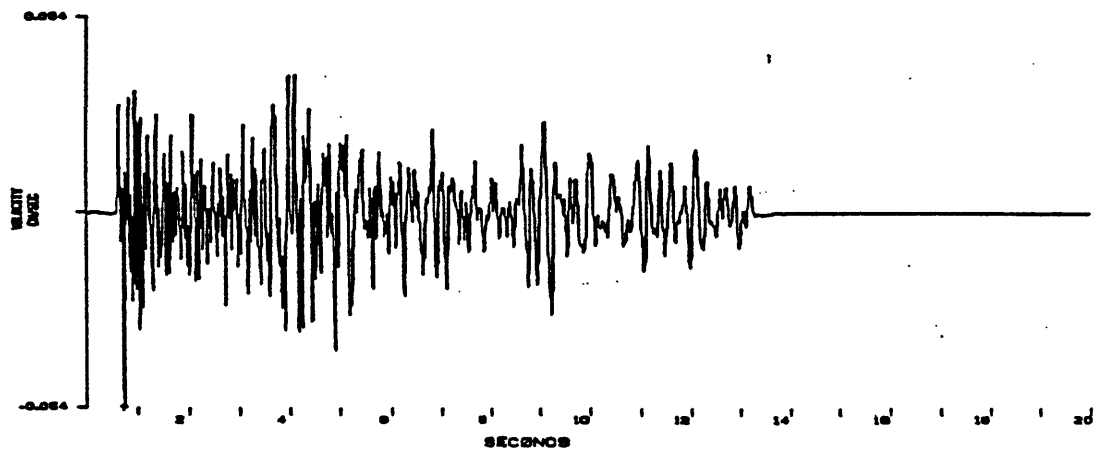
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0



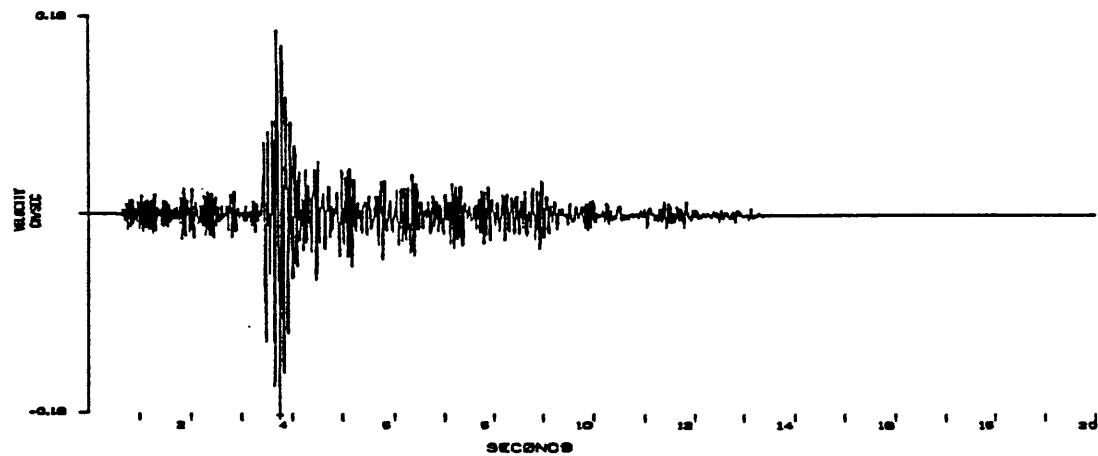
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0



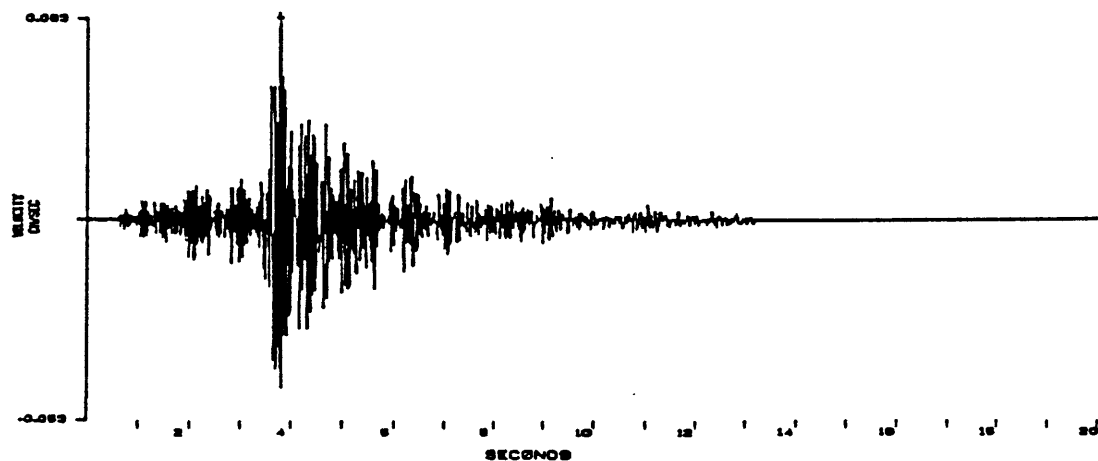
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR2, VERT



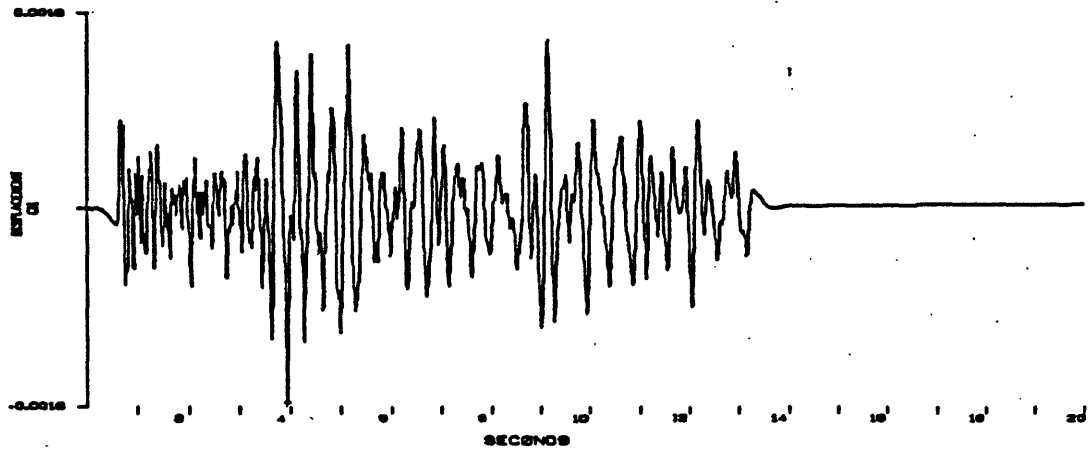
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR2, 500



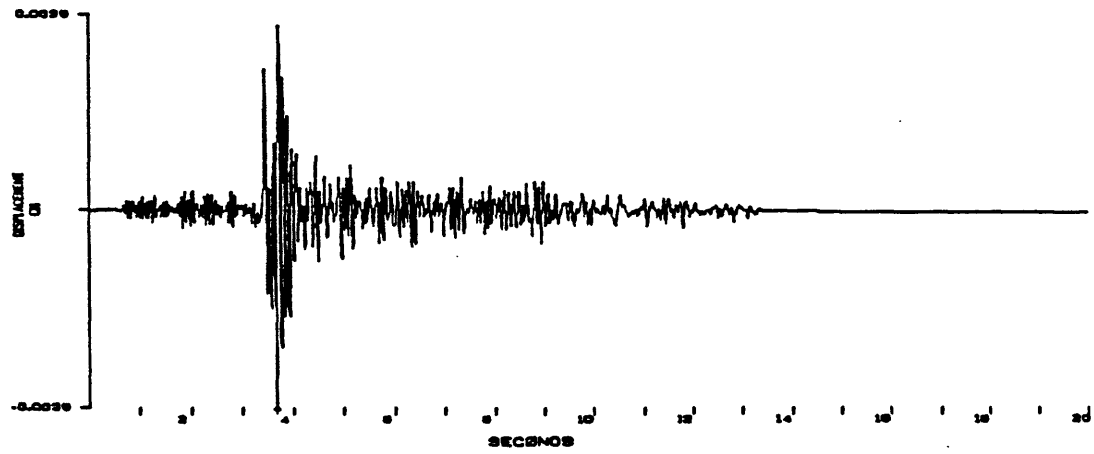
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GR2, 570



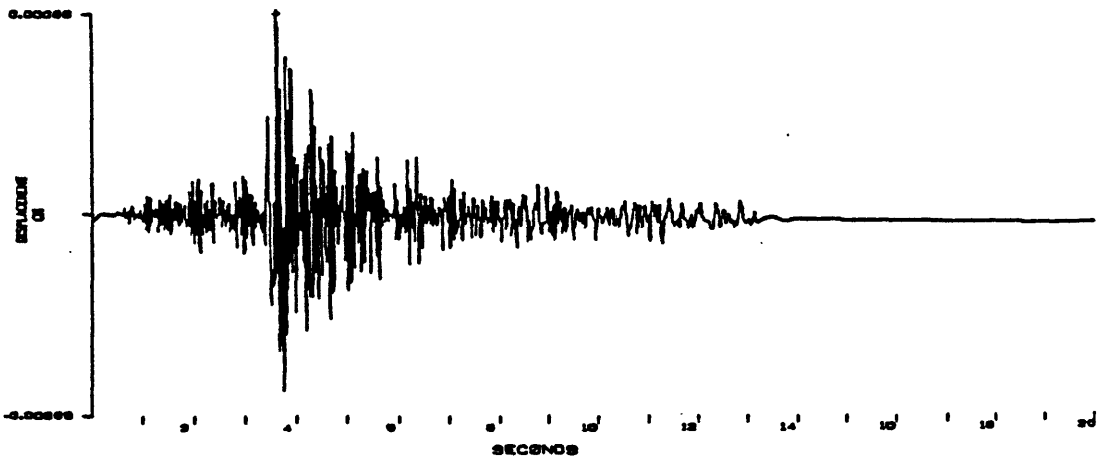
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GRS, VERT



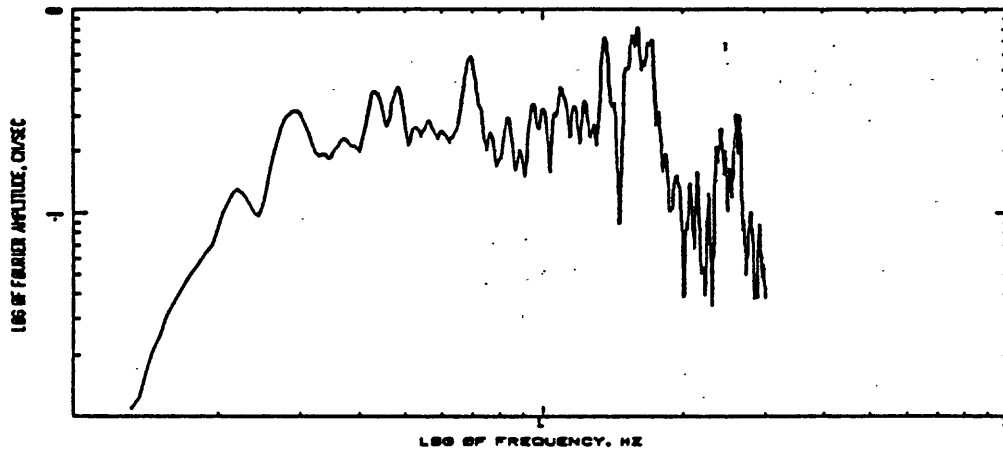
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GRS, DOO



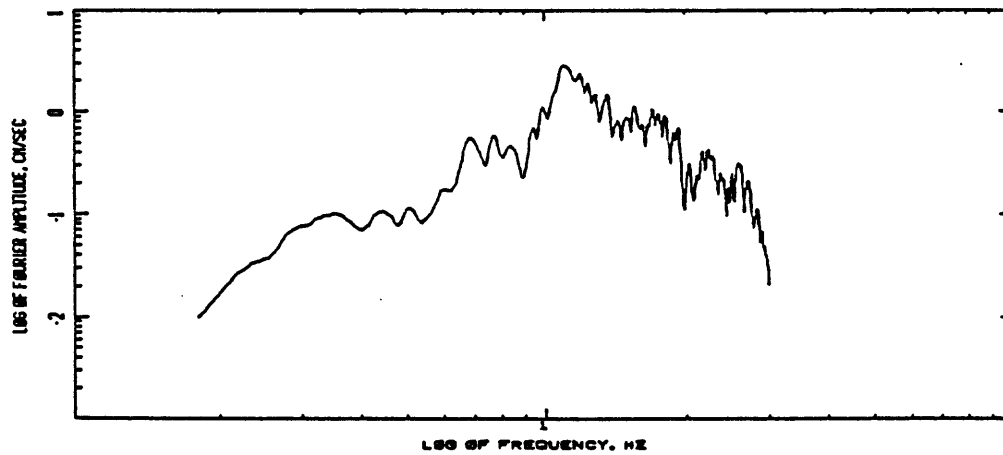
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION GRS, 270



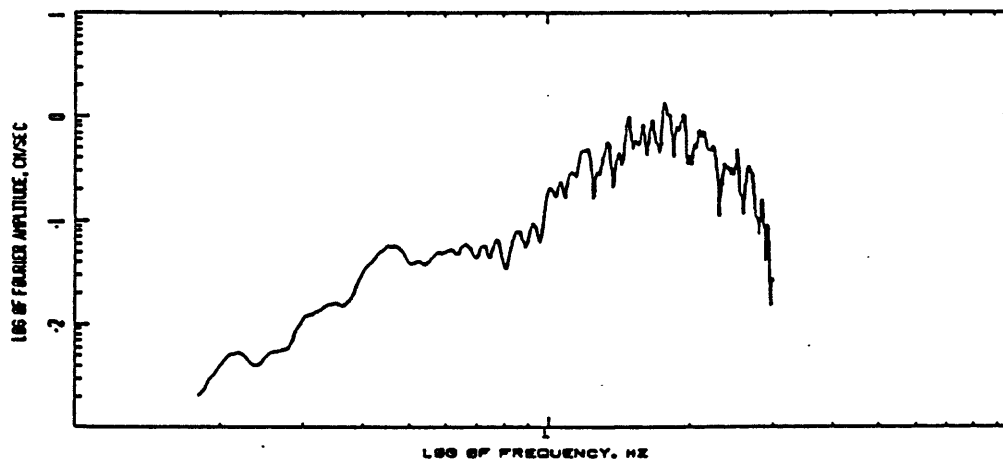
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:33:45, 01/15/15 UTC, HC-3.0
 STATION 345, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONSISE



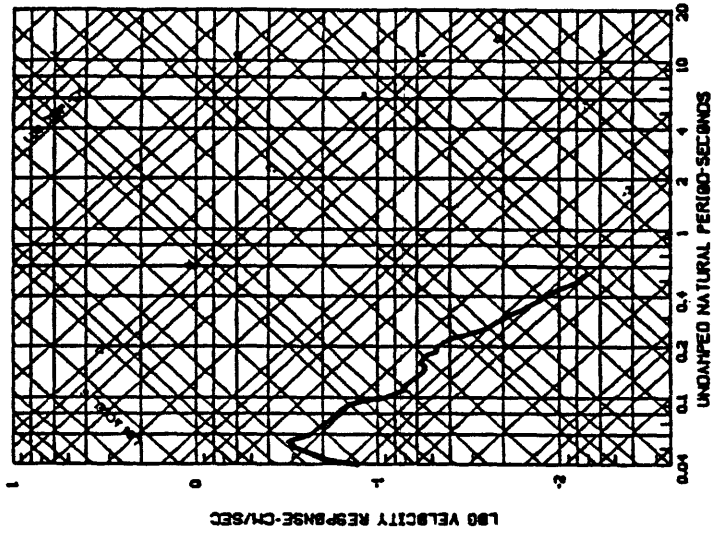
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:33:45, 01/15/15 UTC, HC-3.0
 STATION 345, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONSISE



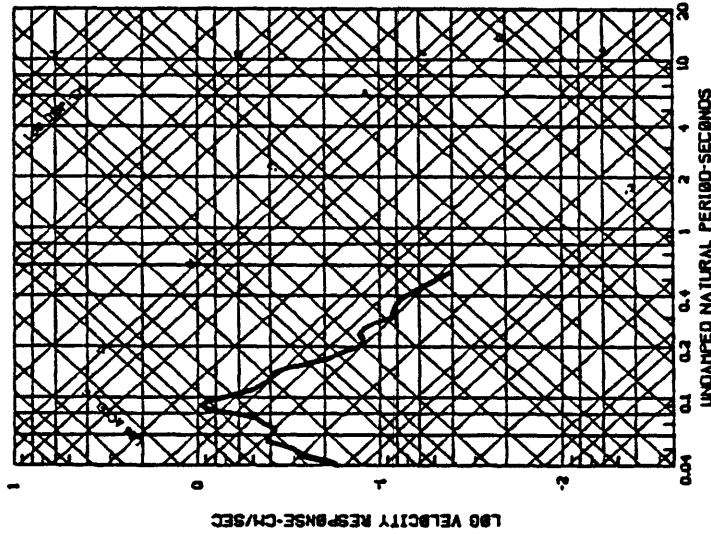
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07:33:45, 01/15/15 UTC, HC-3.0
 STATION 345, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH101, NONSISE



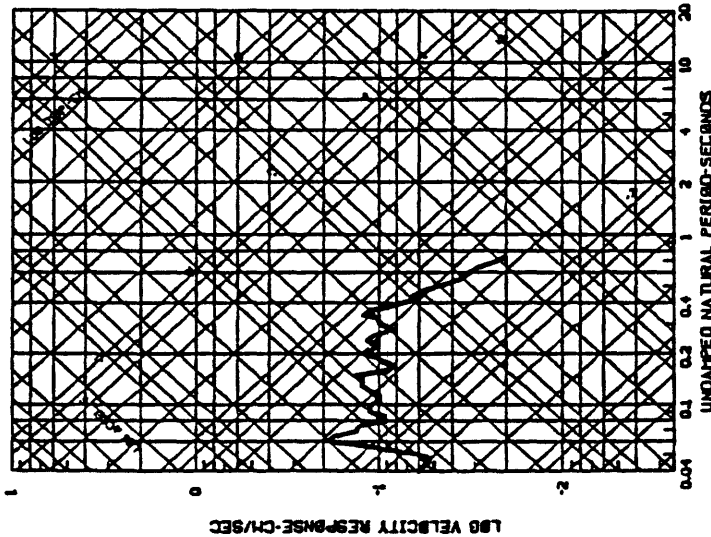
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13833 UIC, H=3.0
 5 PERCENT CRITICAL DAMPING



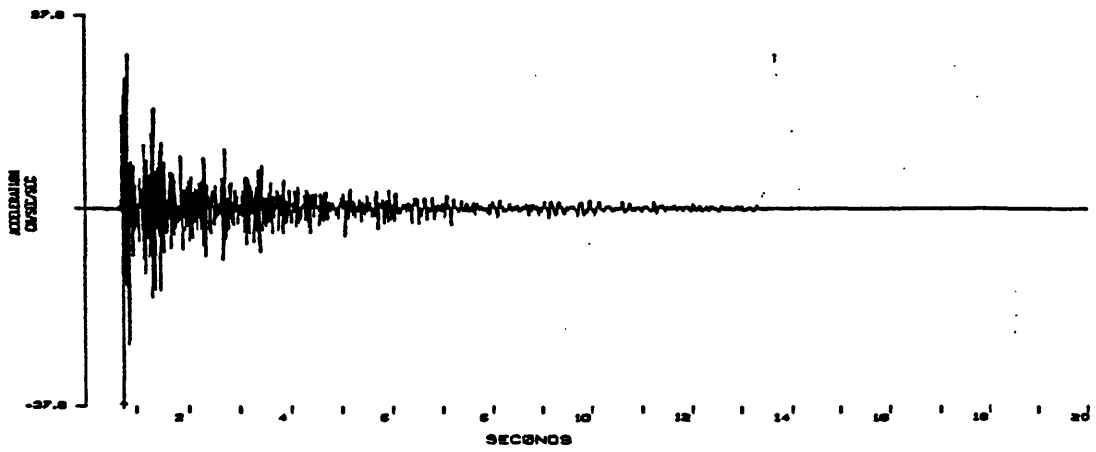
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13833 UIC, H=3.0
 5 PERCENT CRITICAL DAMPING



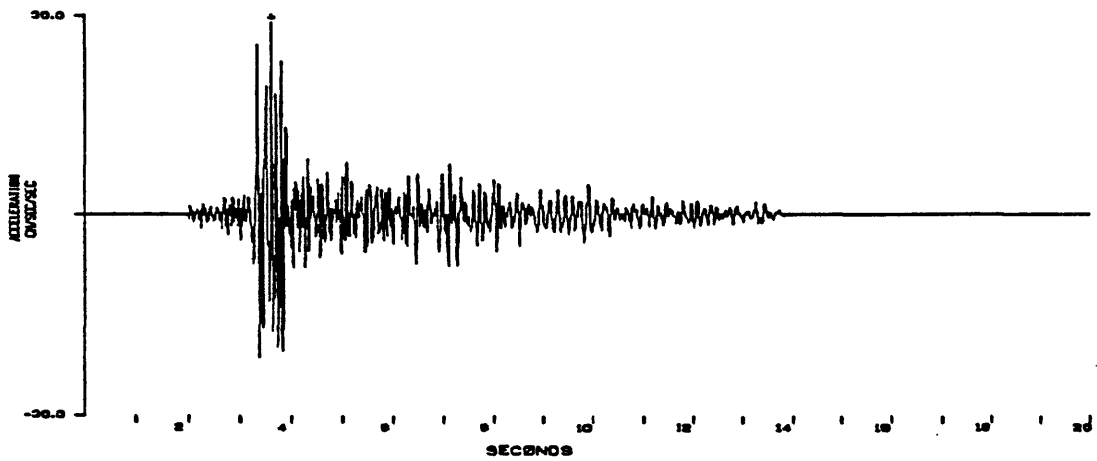
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0.13833 UIC, H=3.0
 5 PERCENT CRITICAL DAMPING



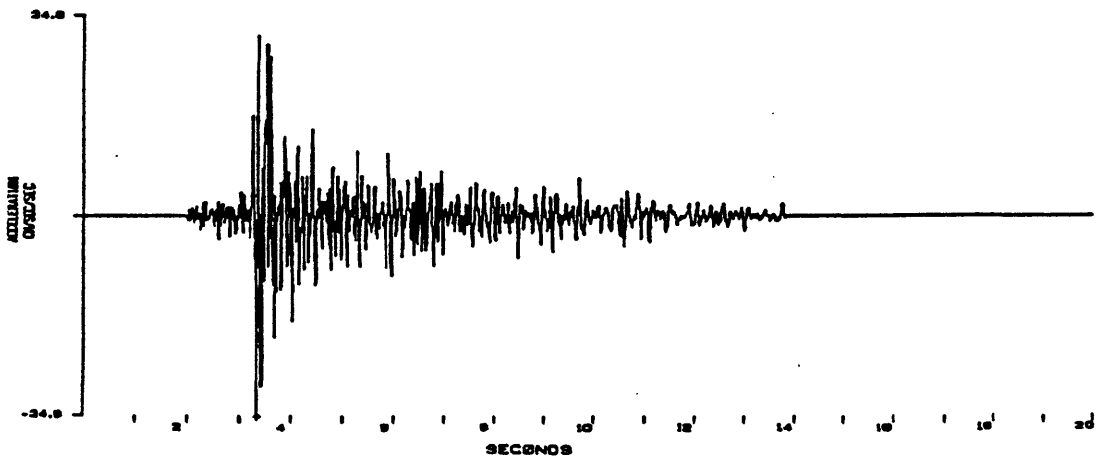
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION HRS, VERT



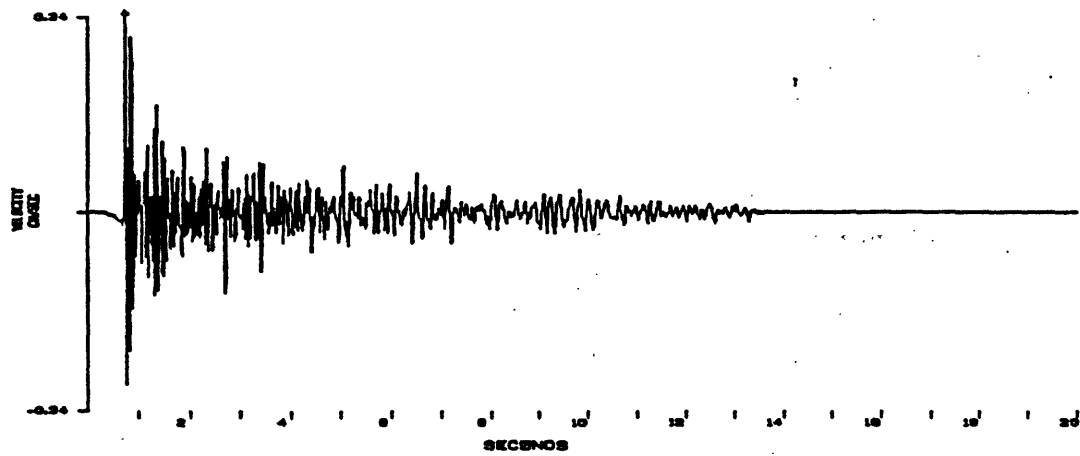
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION HRS, 270



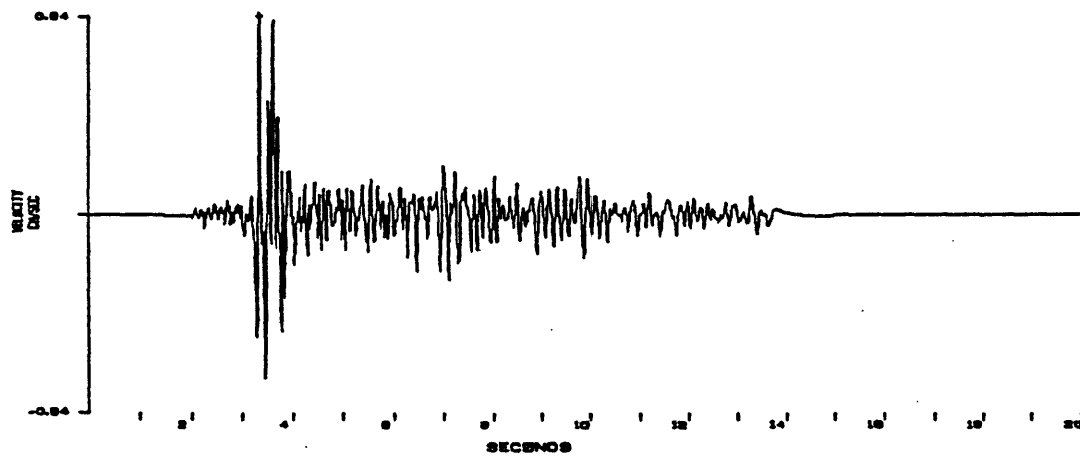
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-5.0
STATION HRS, 000



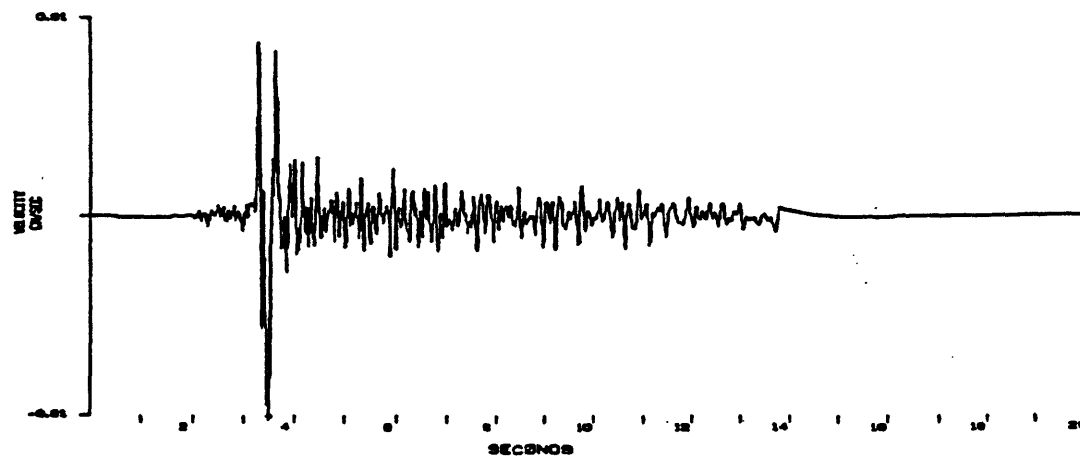
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, VERT



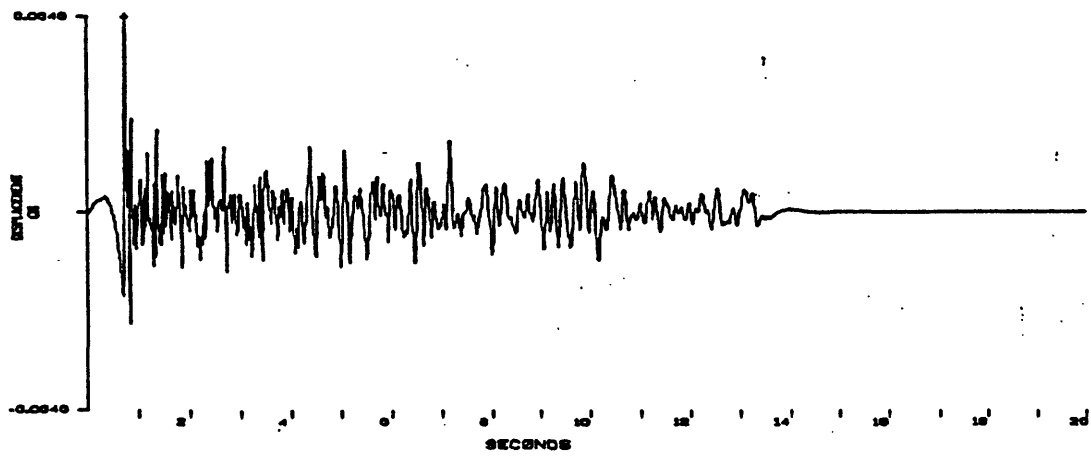
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, 270



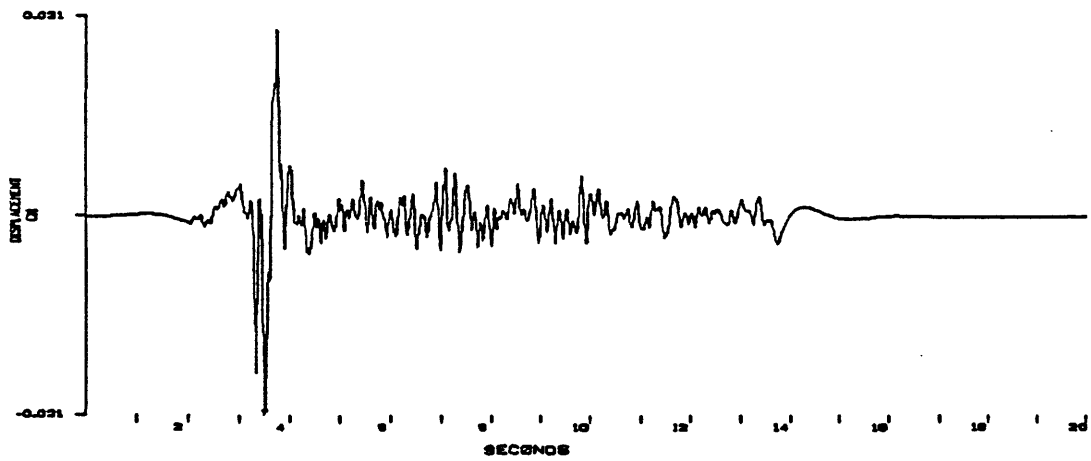
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION HNS, 000



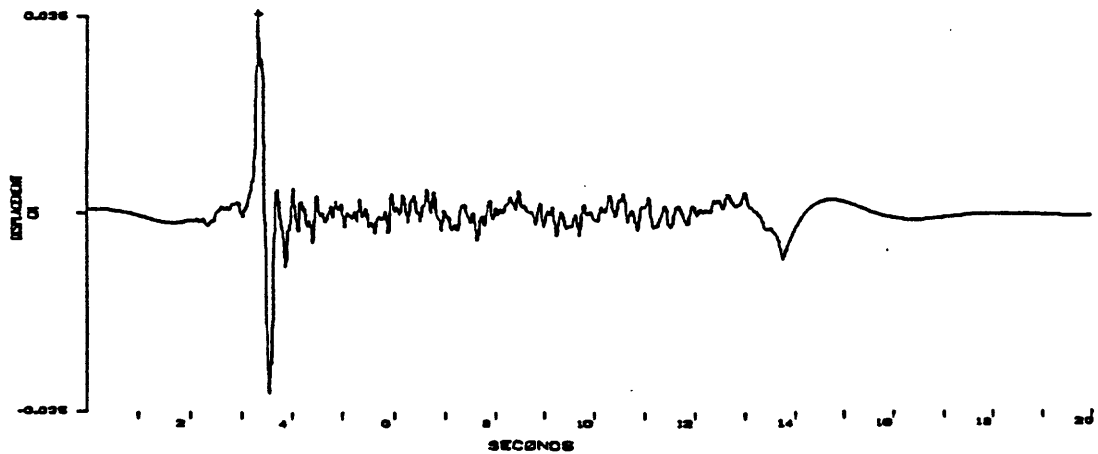
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. VERT



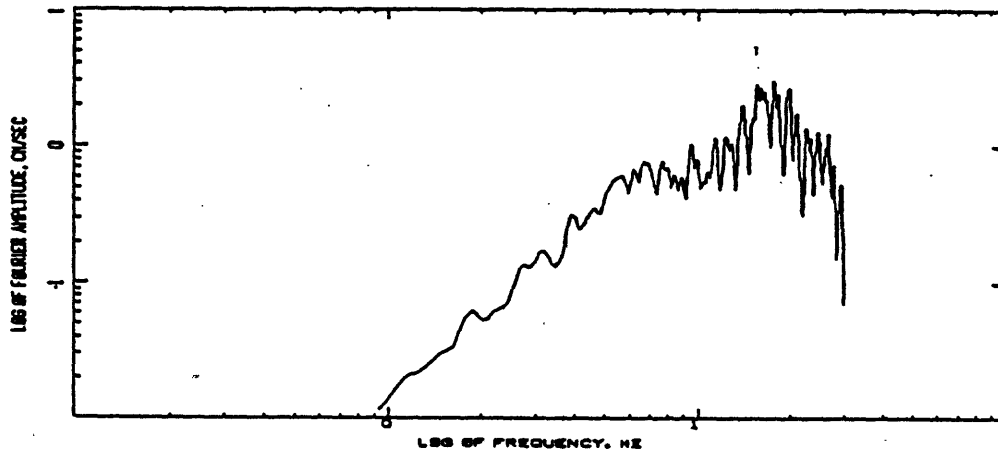
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. 270



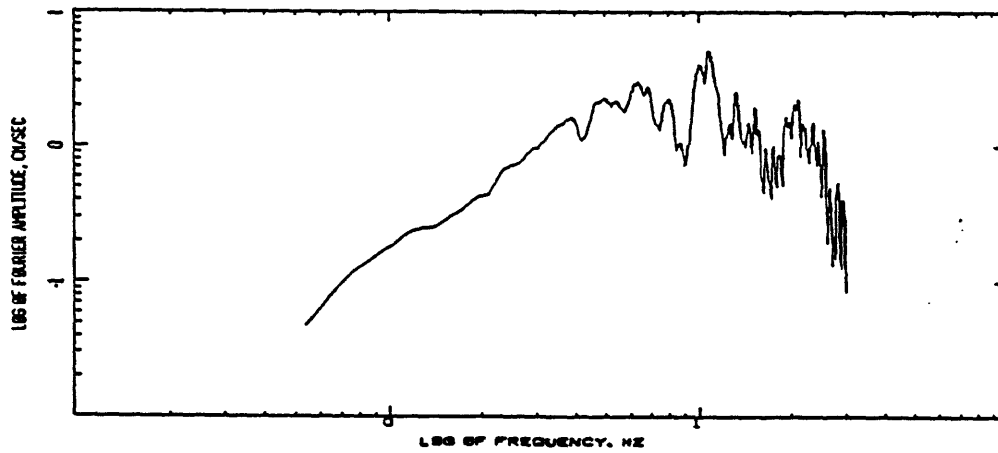
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION PAS. 000



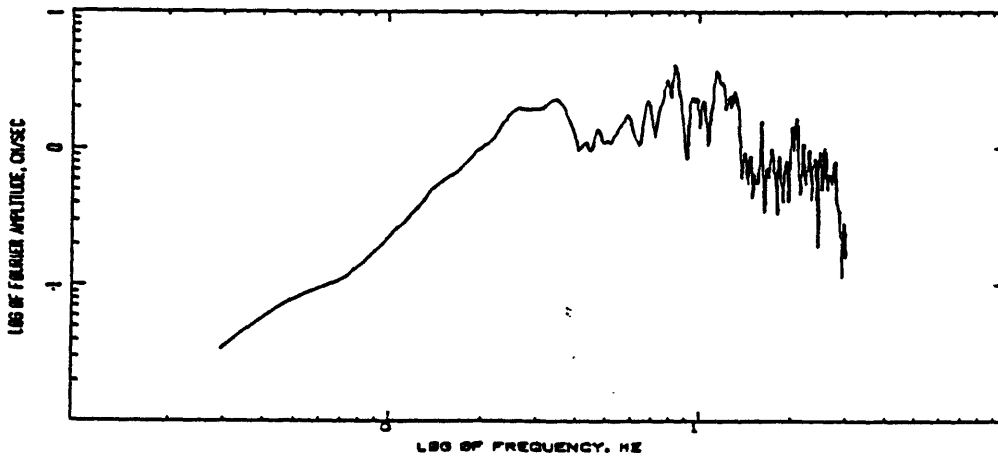
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/76, 04:15:15 UTC, AC-3.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



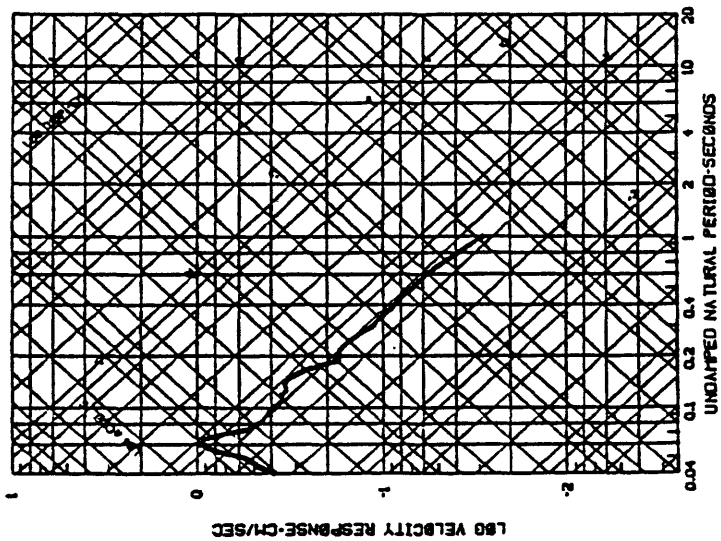
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/76, 04:15:15 UTC, AC-3.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



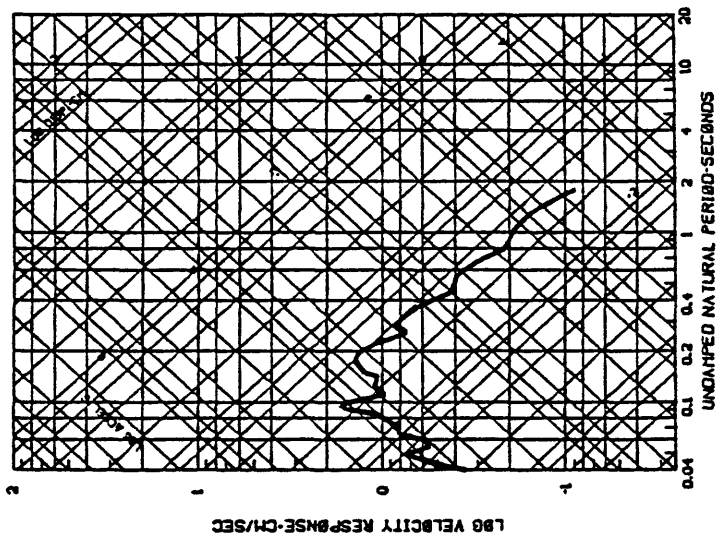
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/76, 04:15:15 UTC, AC-3.0
 COMPUTING OPTIONS: ZCROSS, SMOOTH10, NONISE



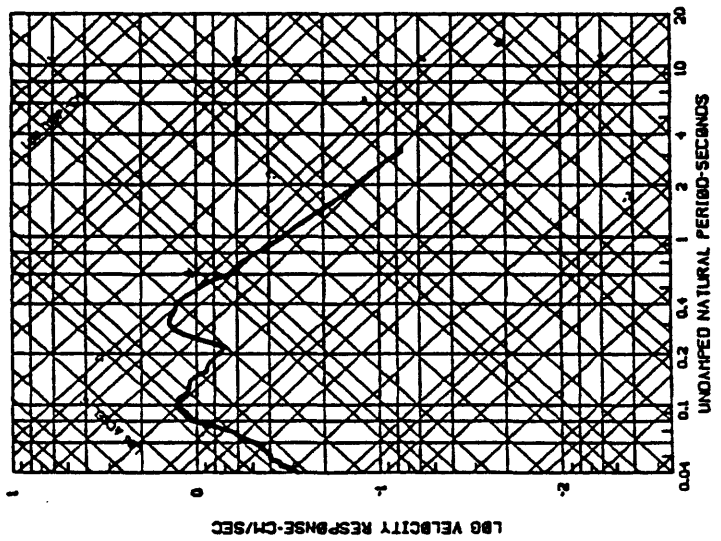
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 065, VER
 5 PERCENT CRITICAL DAMPING



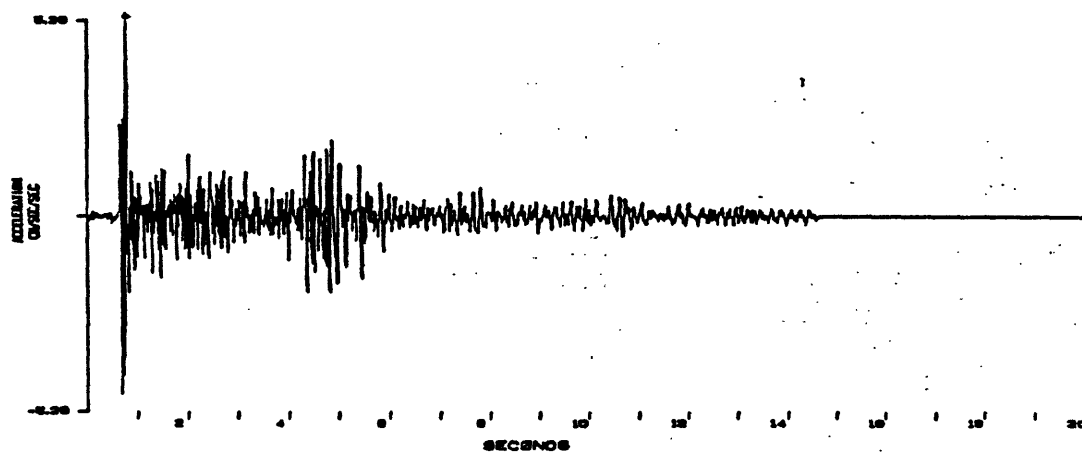
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 065, 270
 5 PERCENT CRITICAL DAMPING



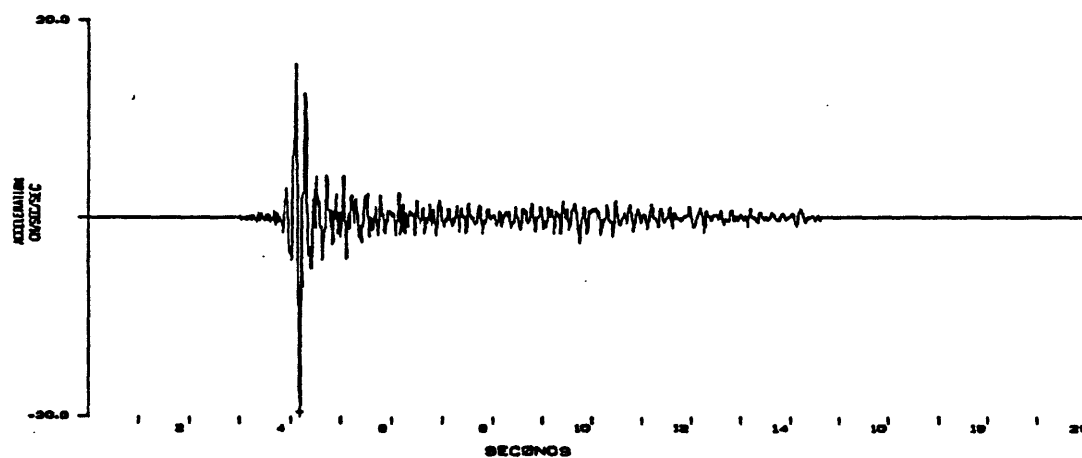
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, M-3.0
 STATION 065, 000
 5 PERCENT CRITICAL DAMPING



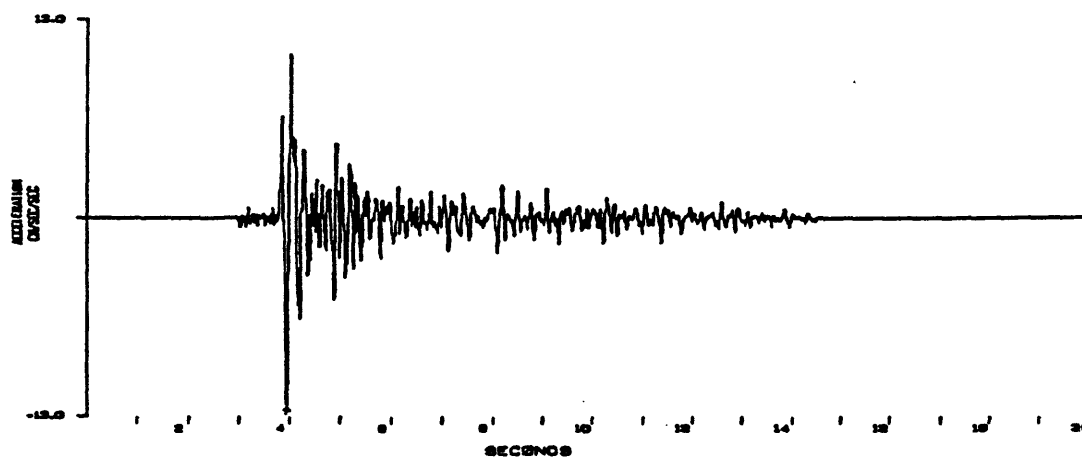
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION JHE, VERT



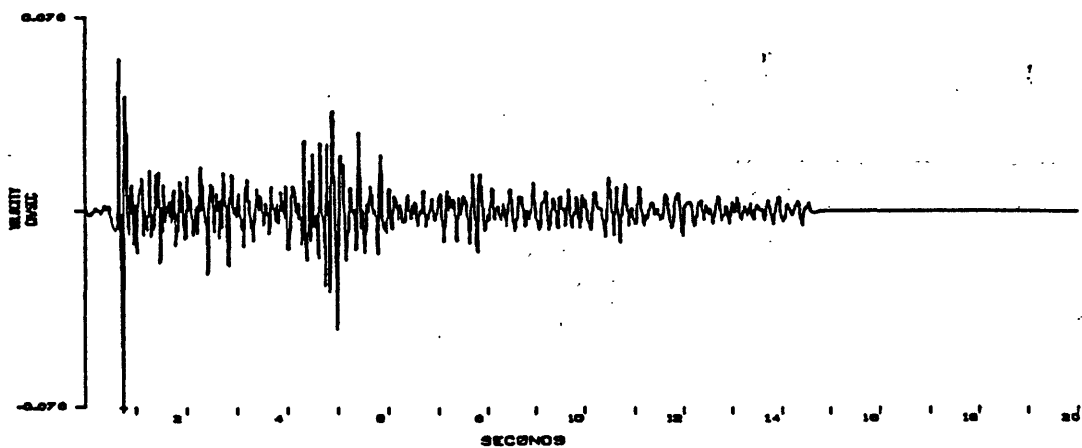
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION JHE, 570



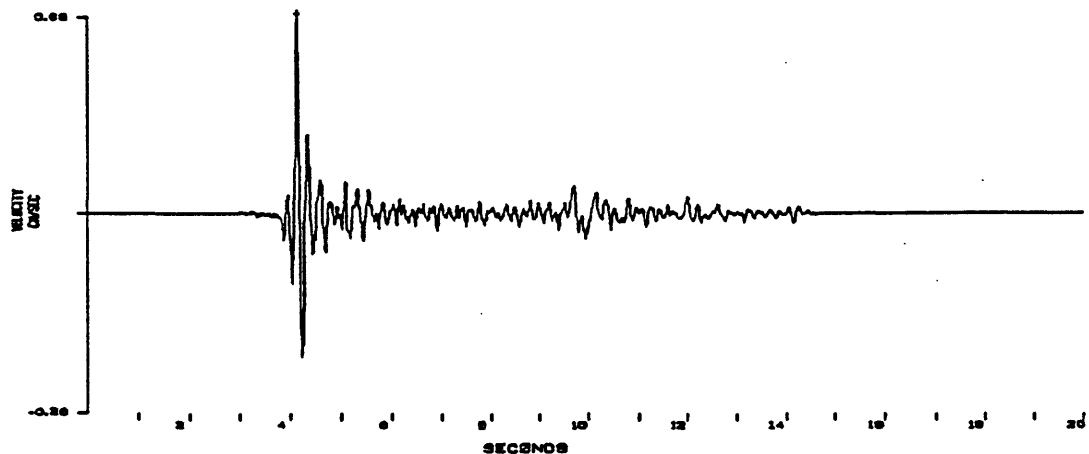
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION JHE, 500



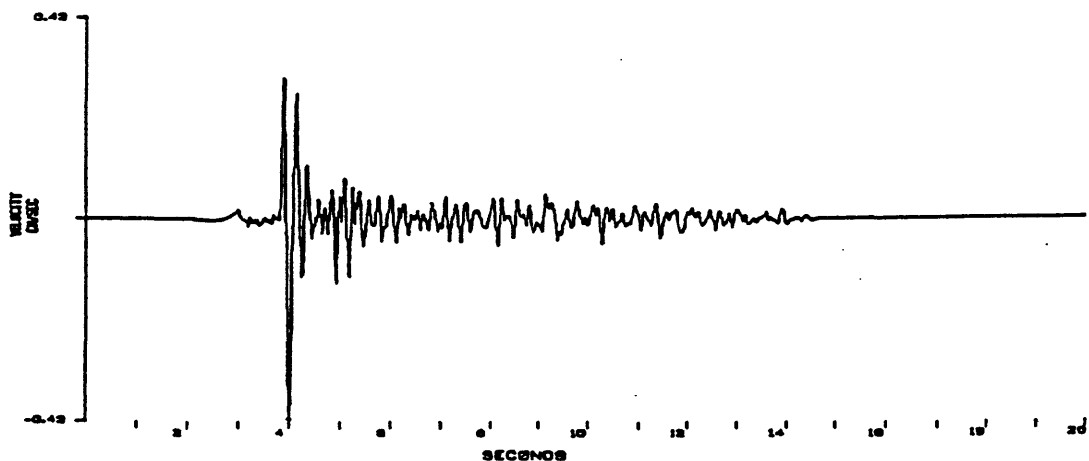
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JMS, VEH



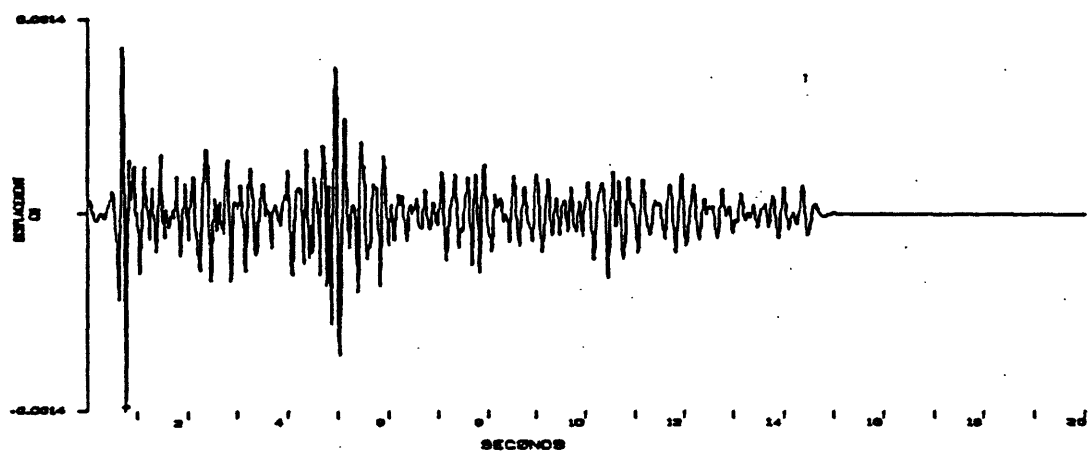
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JMS, S70



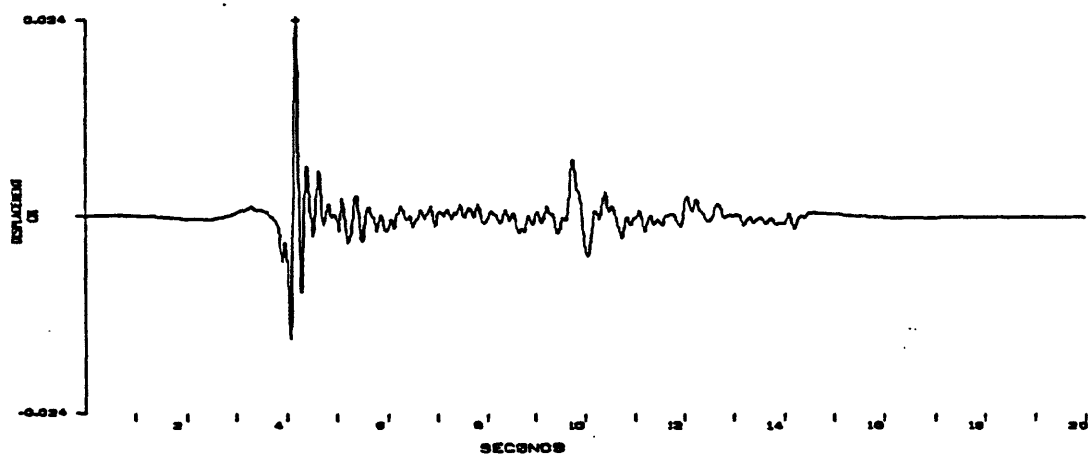
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JMS, D00



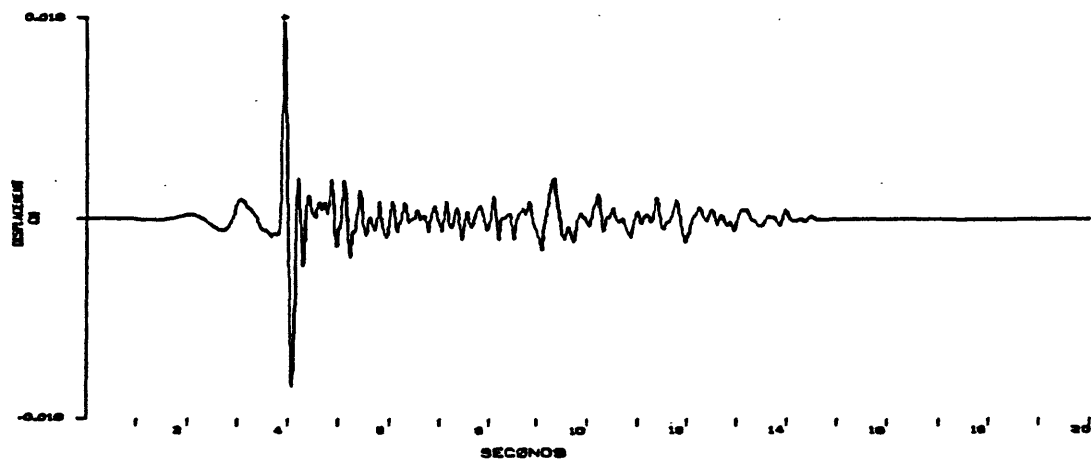
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JHE, VERT



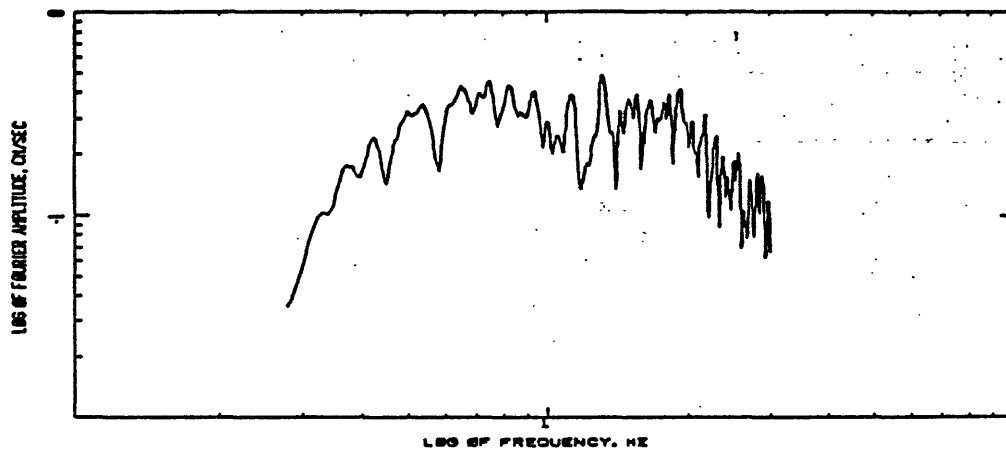
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JHE, S70



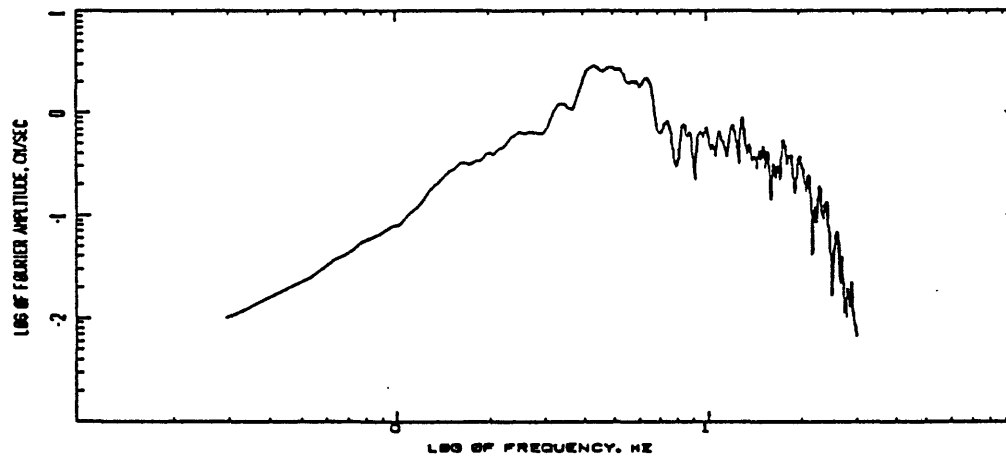
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION JHE, S00



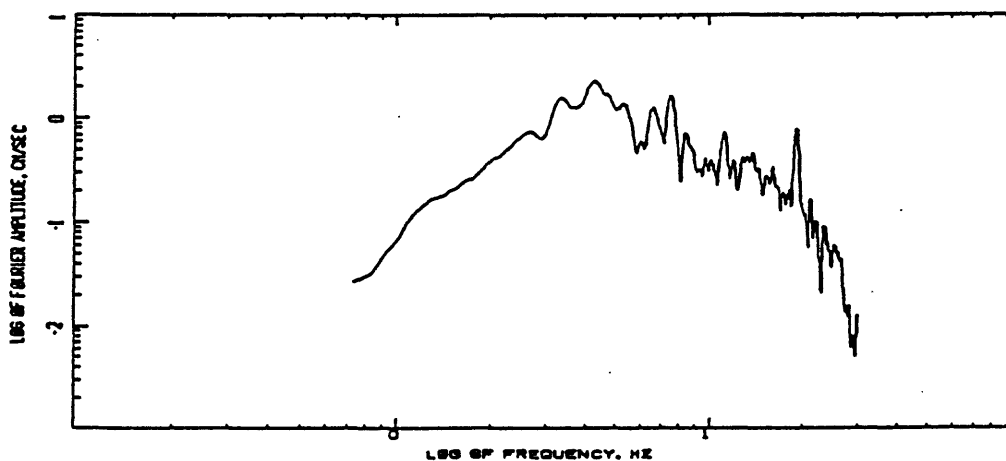
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 04:15:15 UTC, MC-3.0
 COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



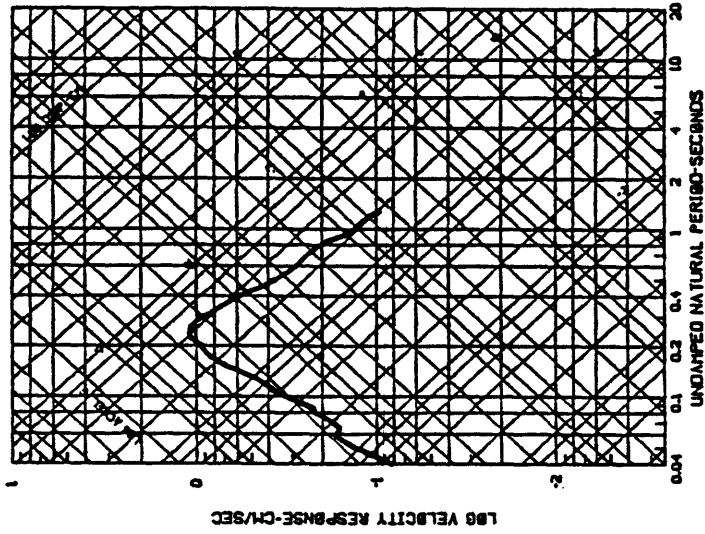
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 04:15:15 UTC, MC-3.0
 COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



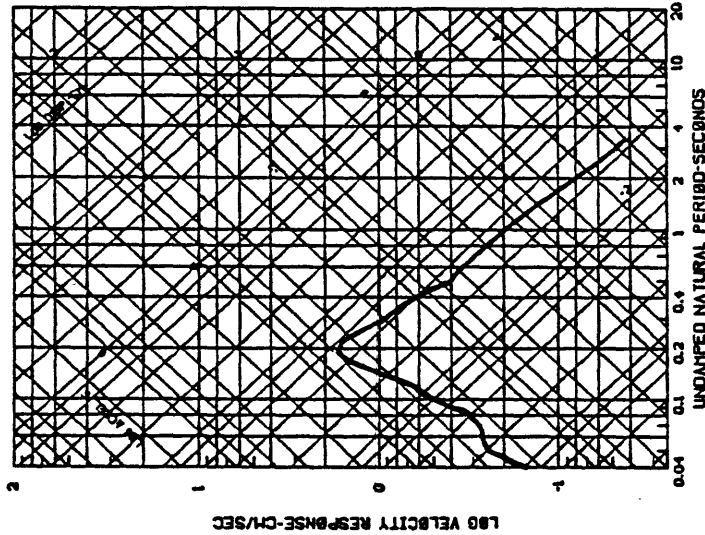
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 04:15:15 UTC, MC-3.0
 COMPUTING OPTIONS: ZCROSS,SHOOTHKIO,NOISE



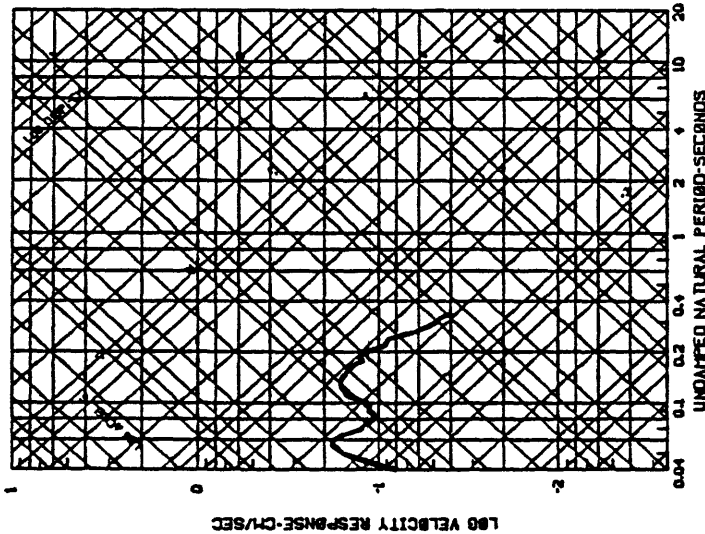
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0131313 UTC, ML-3.0
 STATION 005
 5 PERCENT CRITICAL DAMPING



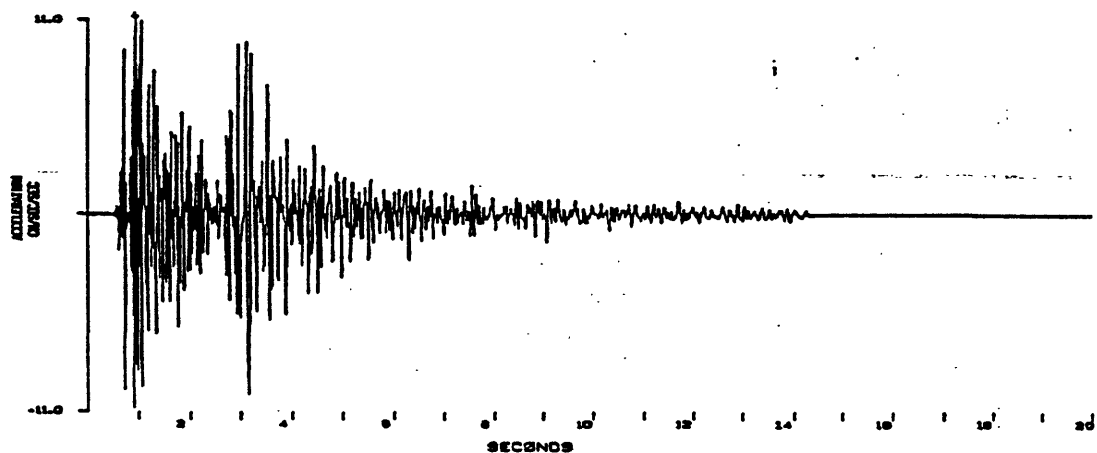
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0131313 UTC, ML-3.0
 STATION 006
 5 PERCENT CRITICAL DAMPING



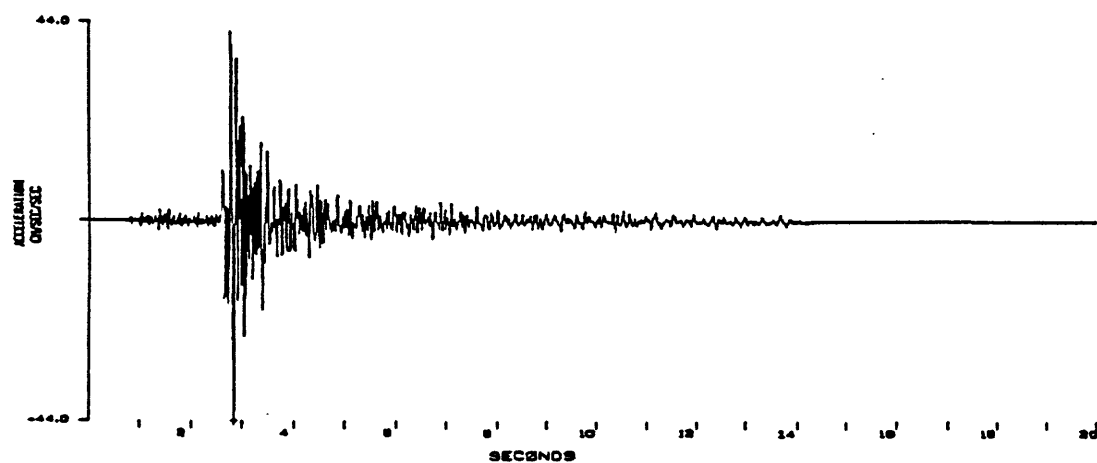
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 0131313 UTC, ML-3.0
 STATION 007
 5 PERCENT CRITICAL DAMPING



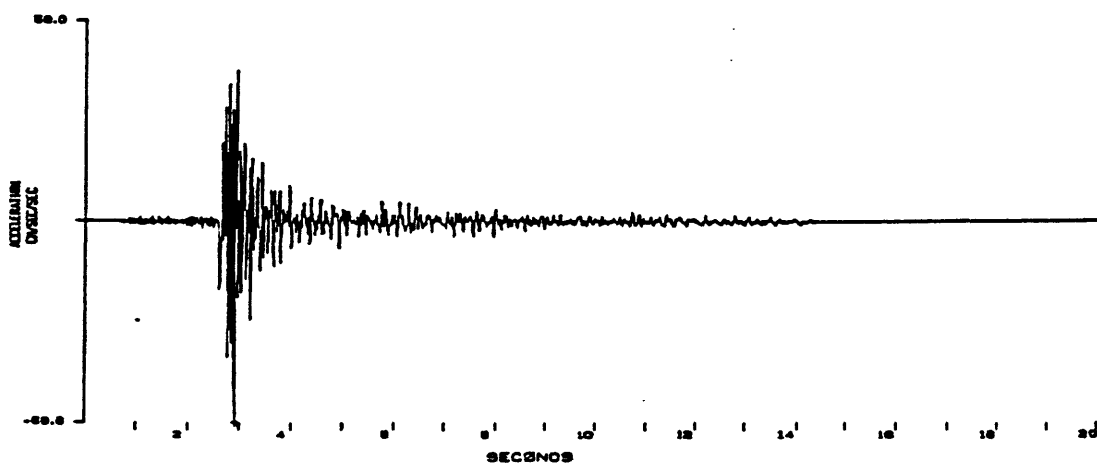
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION RYR, VERT



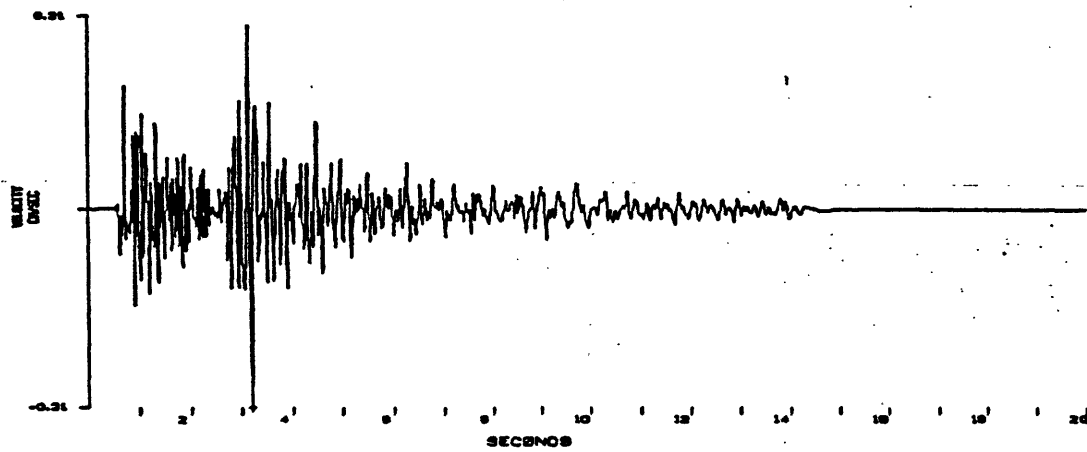
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION RYR, 290



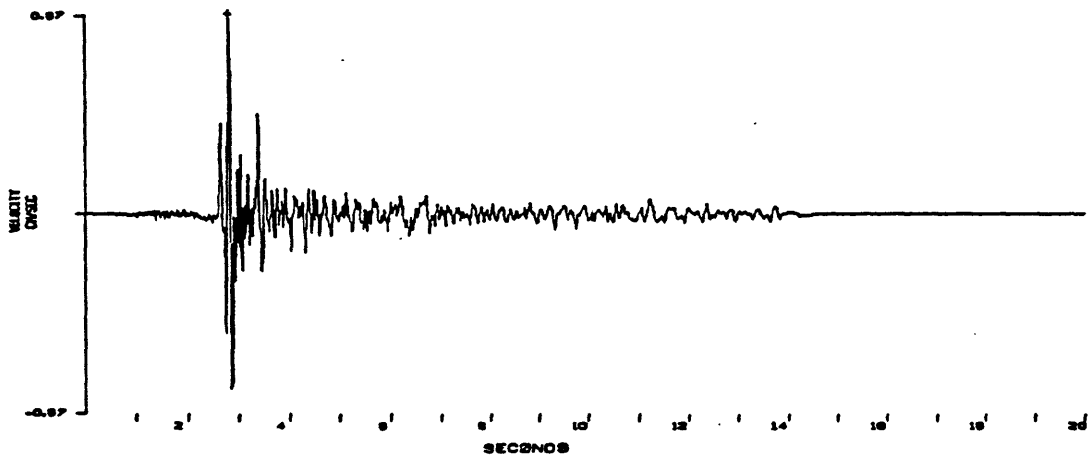
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML-5.0
STATION RYR, 000



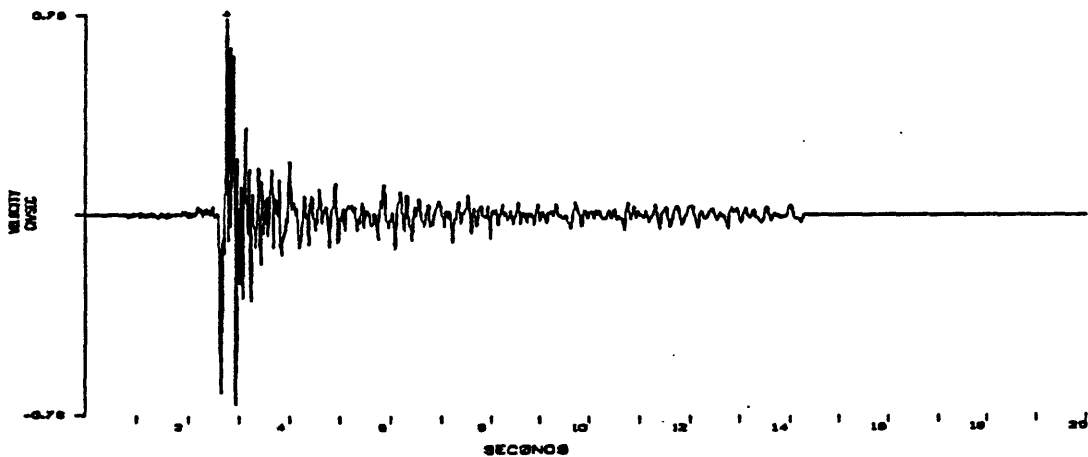
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KVR, 270



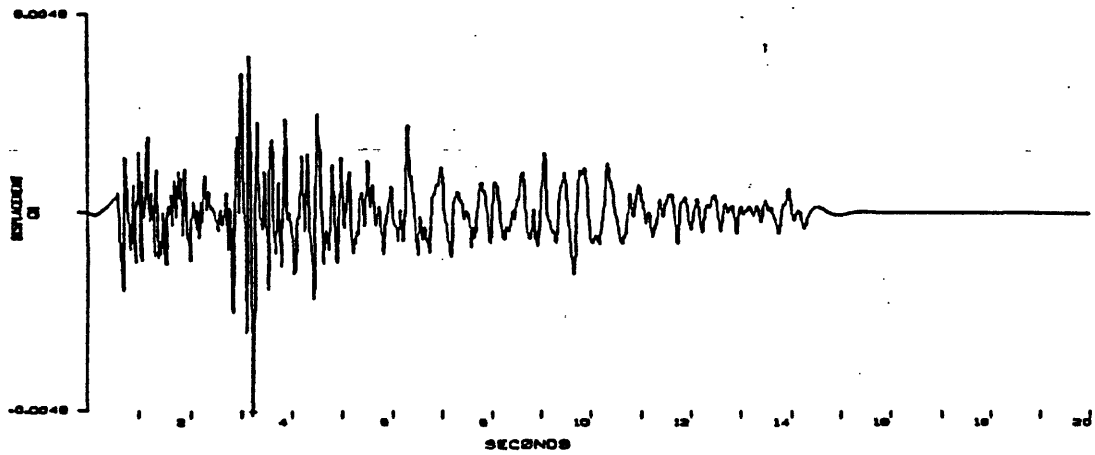
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KVR, 270



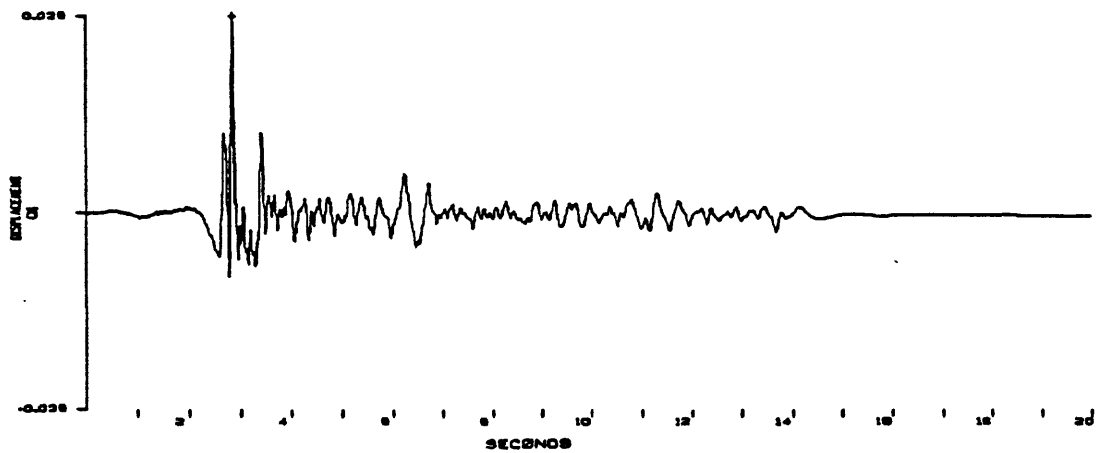
IMPERIAL VALLEY EARTHQUAKE, 10/23/70, 01:13:13 UTC, ML=3.0
STATION KVR, 500



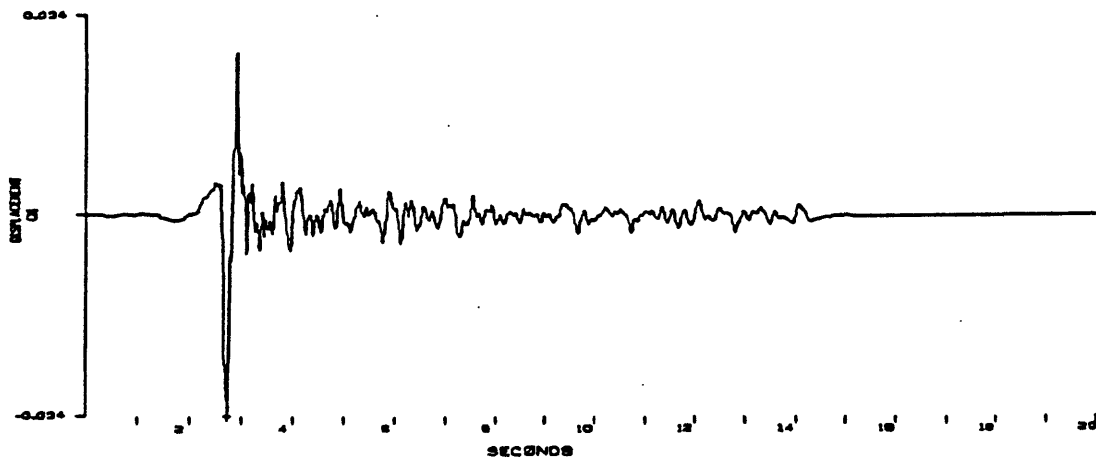
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 2YA, VERT



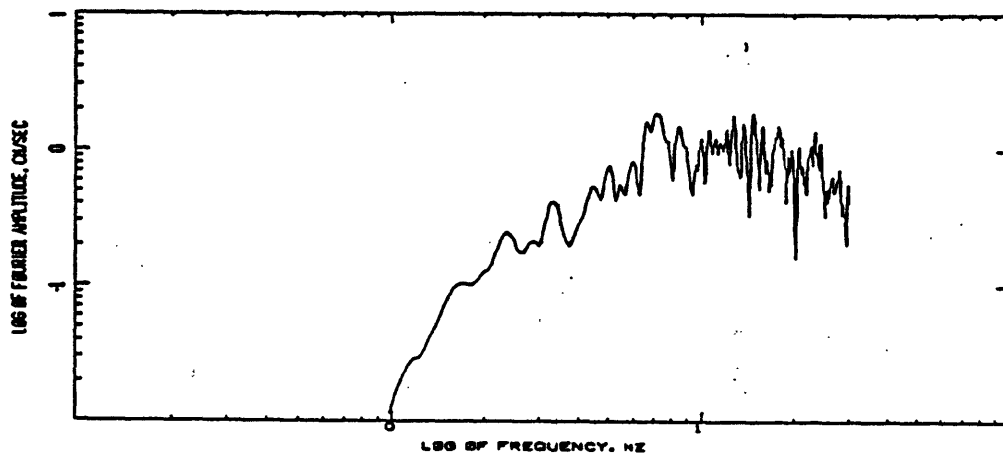
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 2YA, 270



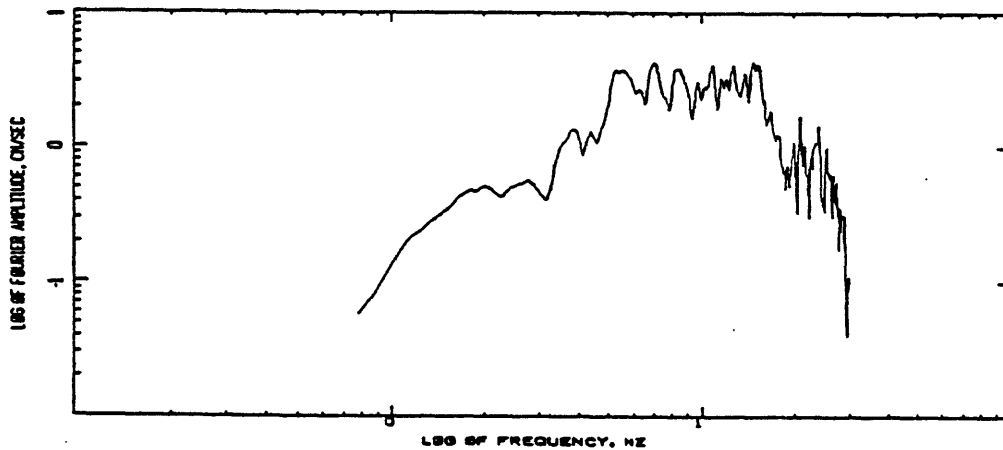
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION 2YA, 000



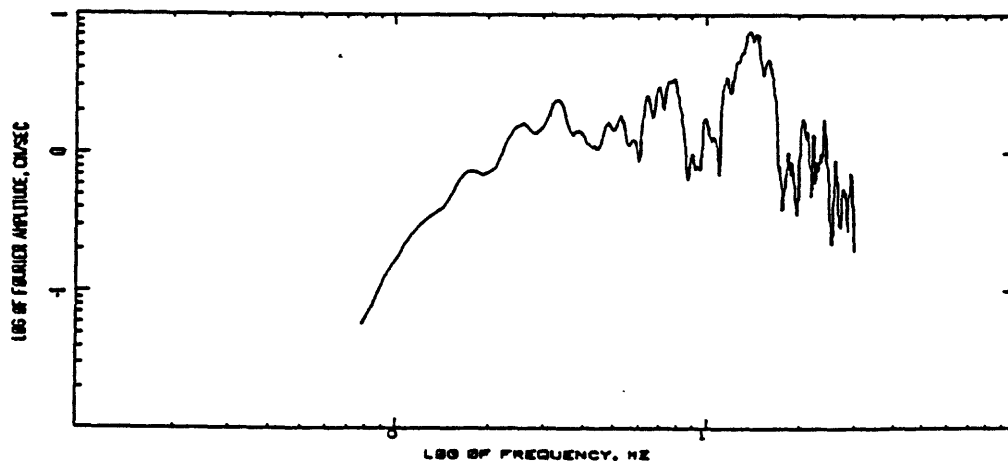
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 08/07/37 0.001515 UTC. ML=3.0
 STATION 276, VEST
 COMPUTING OPTIONS- ZCROSS, SMOOTH, NOISE



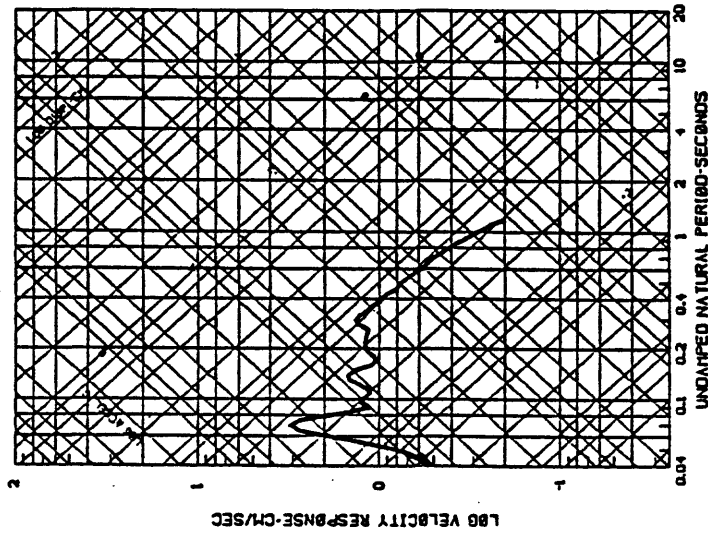
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 08/07/37 0.001515 UTC. ML=3.0
 STATION 276, VEST
 COMPUTING OPTIONS- ZCROSS, SMOOTH, NOISE



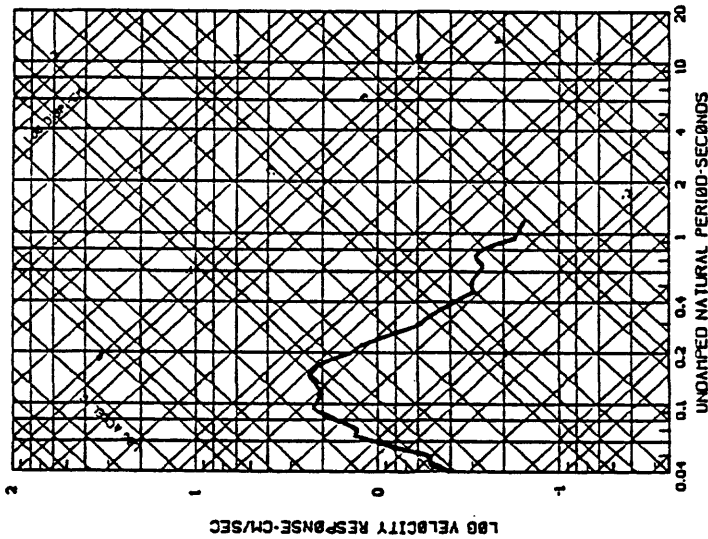
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 08/07/37 0.001515 UTC. ML=3.0
 STATION 276, VEST
 COMPUTING OPTIONS- ZCROSS, SMOOTH, NOISE



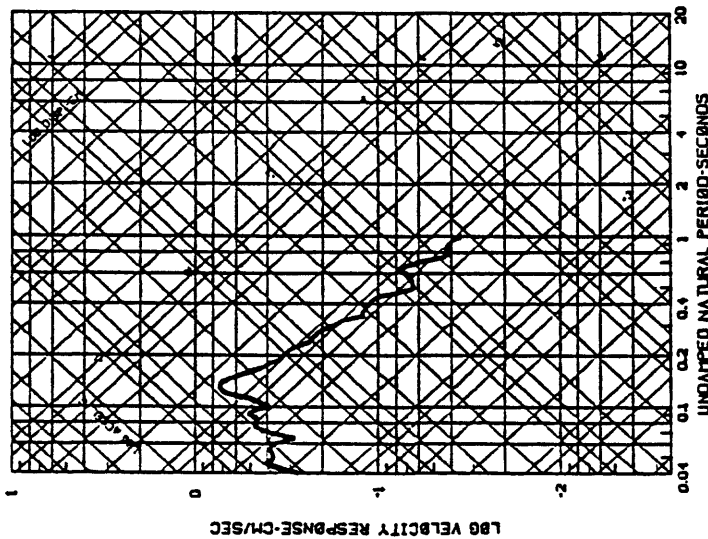
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 01:13:13 UTC, M-3.0
 STATION 576, 000
 5 PERCENT CRITICAL DAMPING



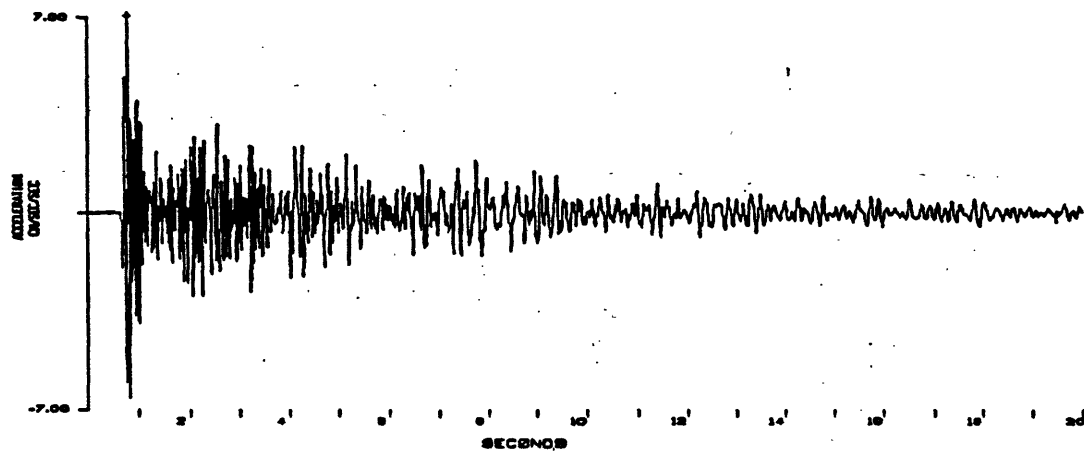
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 01:13:13 UTC, M-3.0
 STATION 576, 200
 5 PERCENT CRITICAL DAMPING



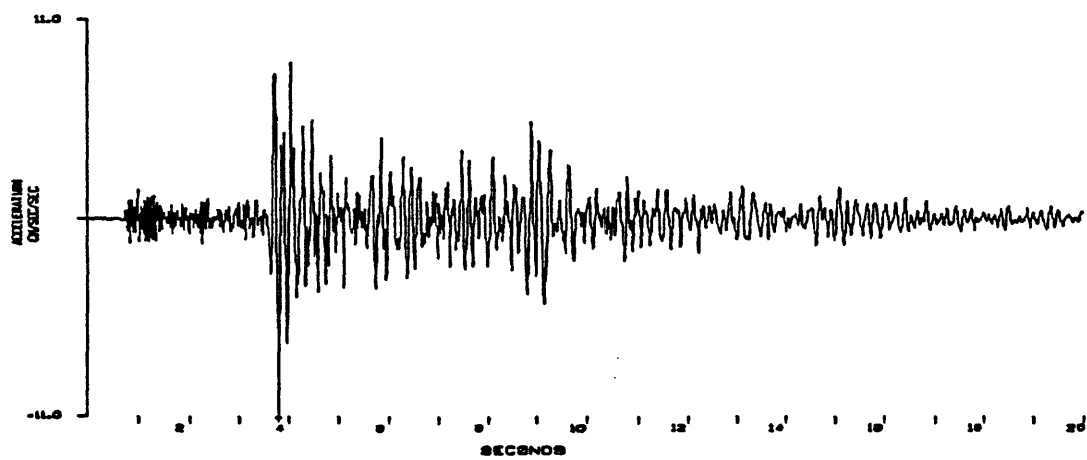
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/23/79, 01:13:13 UTC, M-3.0
 STATION 576, 500
 5 PERCENT CRITICAL DAMPING



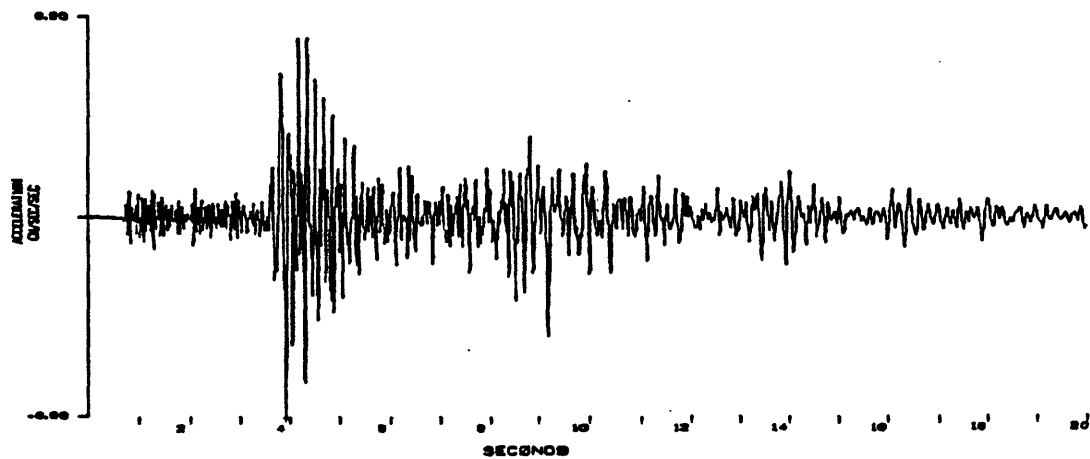
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLD, VERT



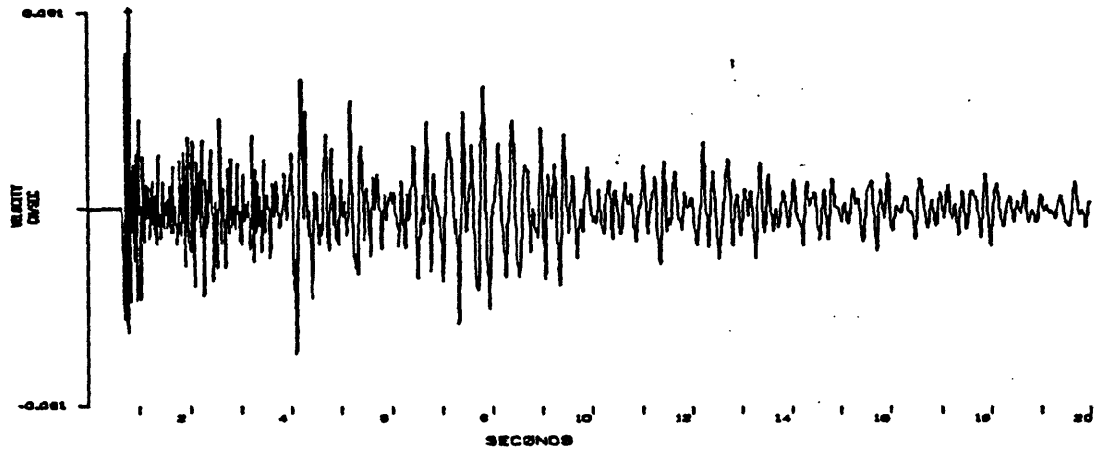
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLD, 000



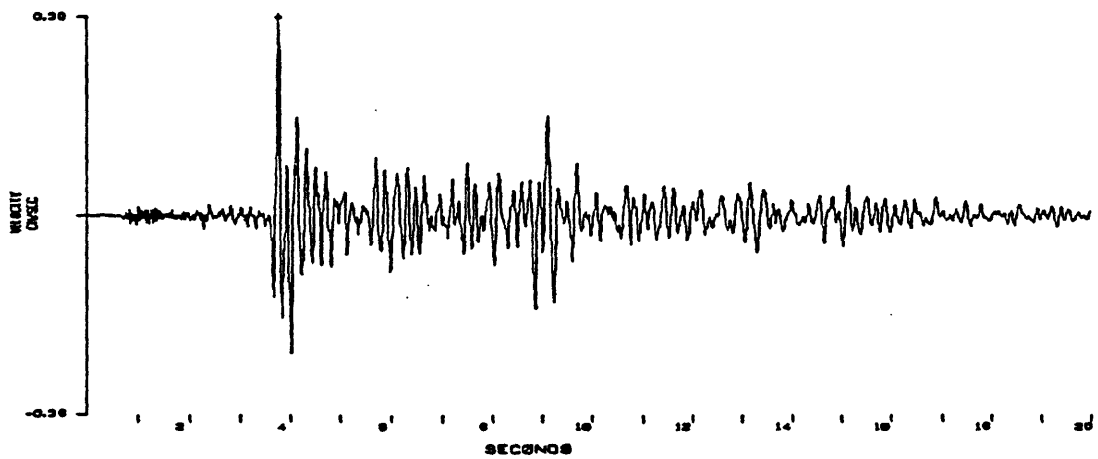
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLD, 270



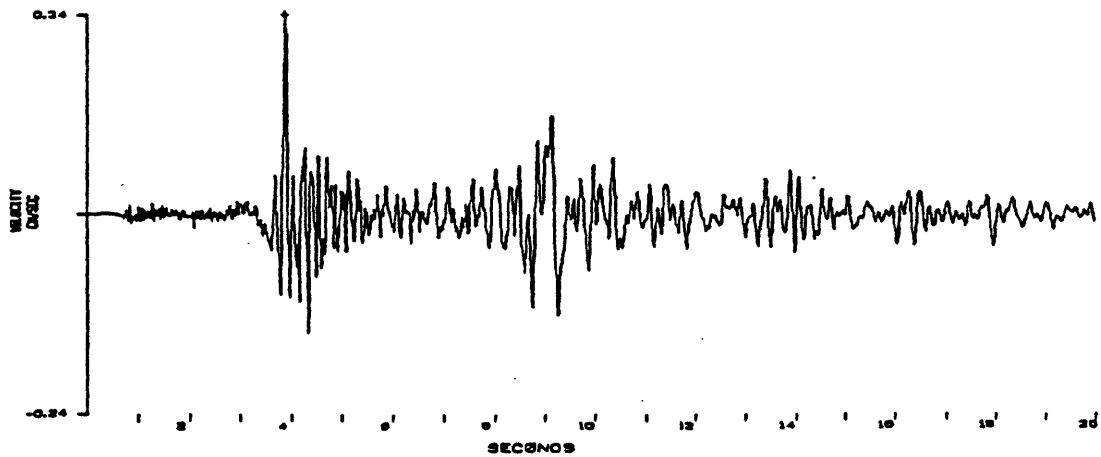
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLO, VERT



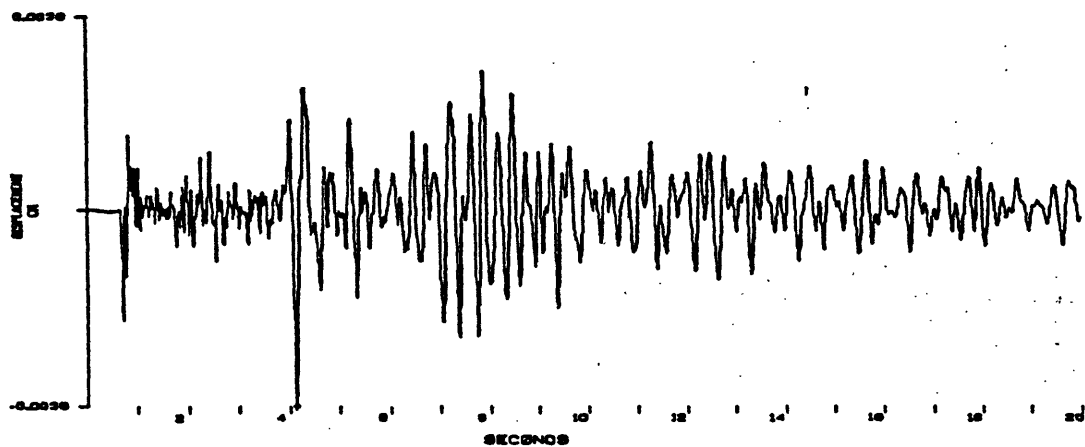
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLO, 000



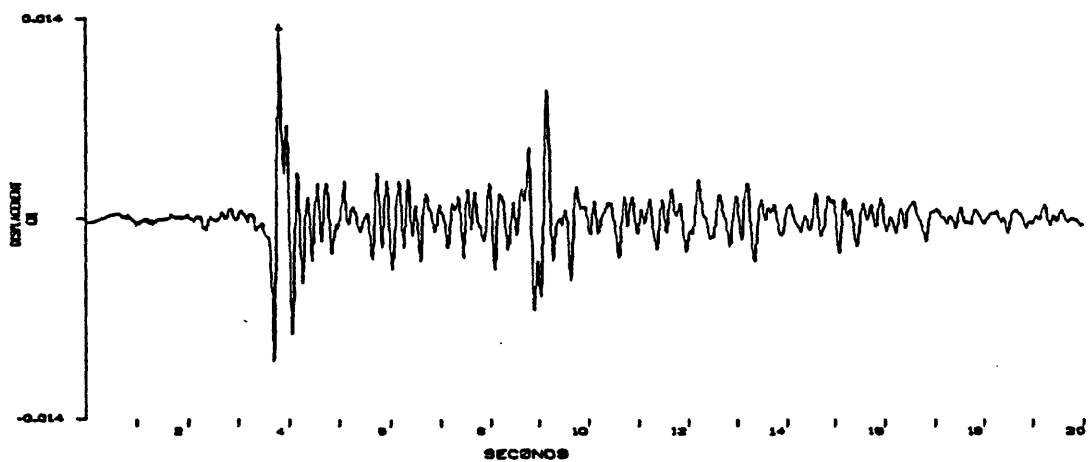
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML=3.0
STATION SLO, 370



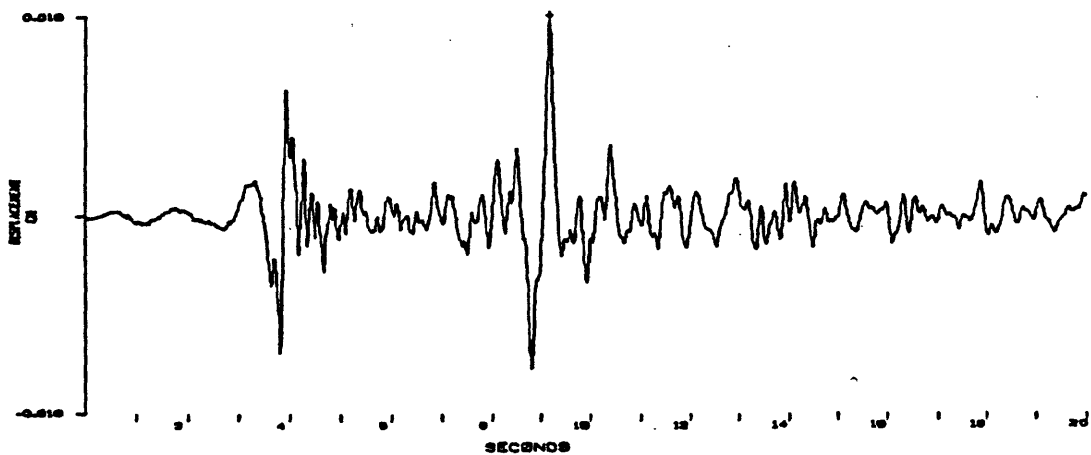
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, VERT



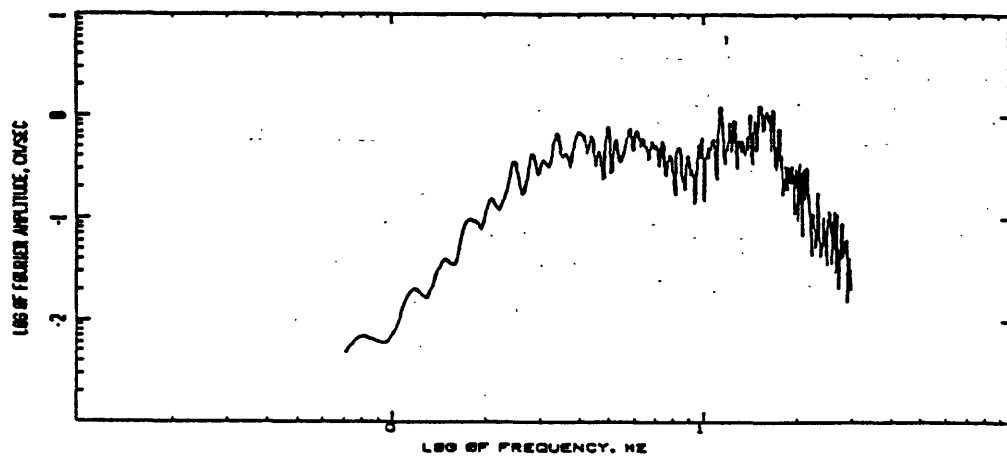
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, SLO



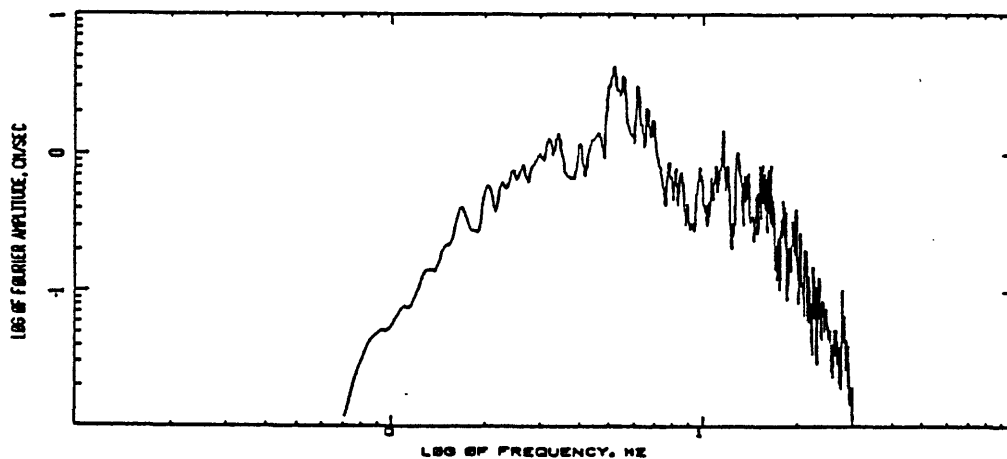
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION SLO, SLO



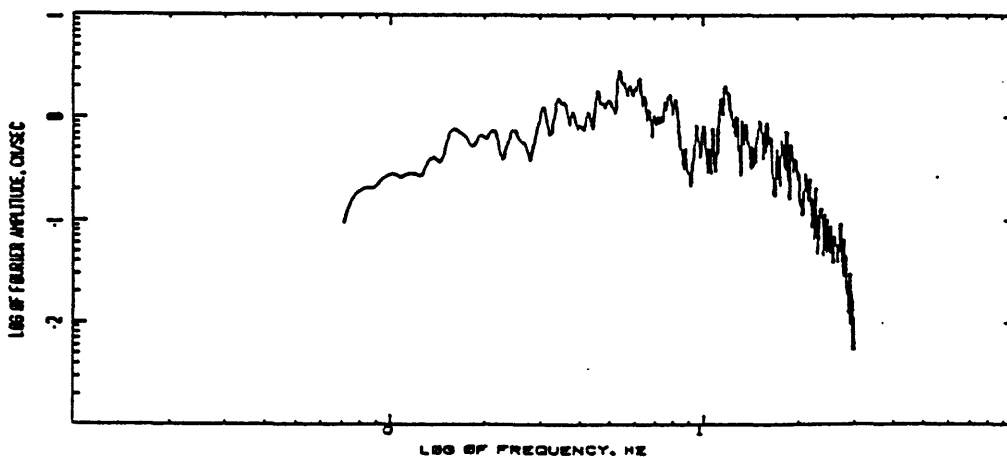
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/23/75 01:15:15 UTC. MC-3.0
 STATION 310. VER. 0.000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



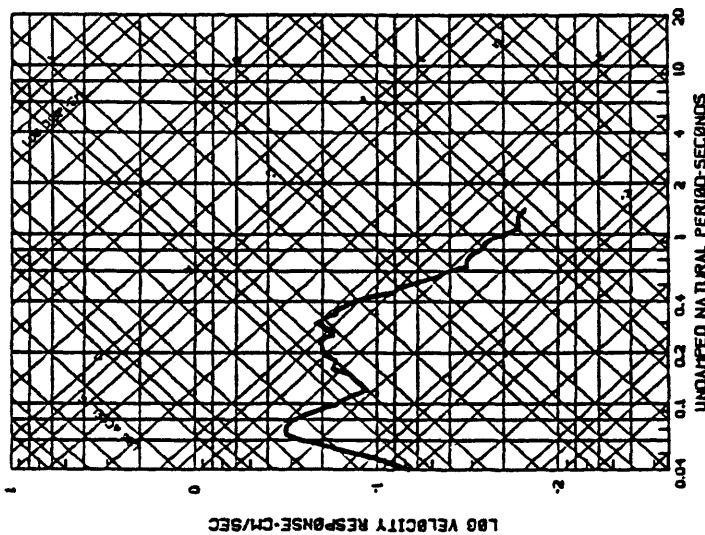
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/23/75 01:15:15 UTC. MC-3.0
 STATION 310. VER. 0.000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



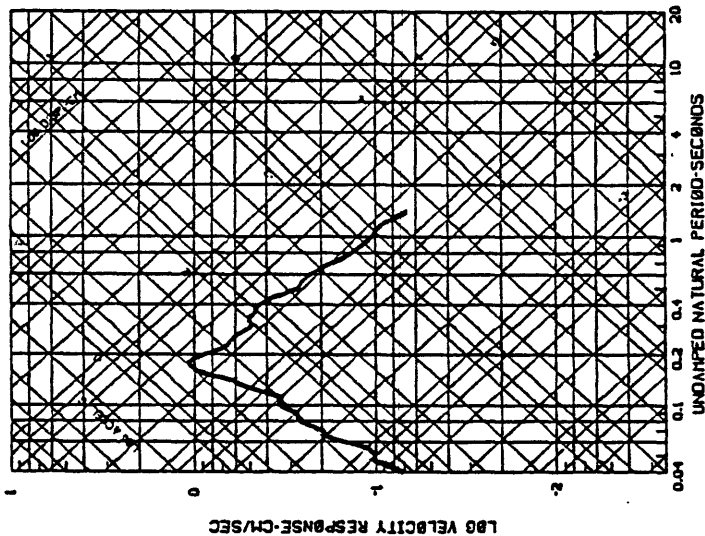
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 07/23/75 01:15:15 UTC. MC-3.0
 STATION 310. VER. 0.000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONSISE



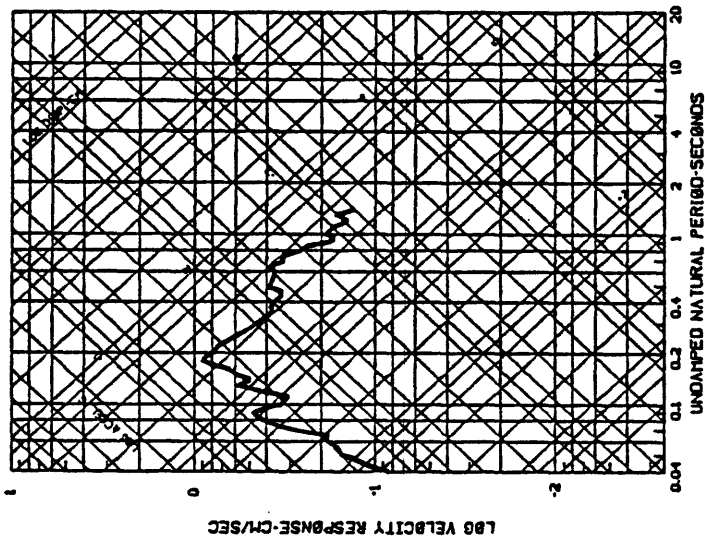
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION S.D. VERT
5 PERCENT CRITICAL DAMPING



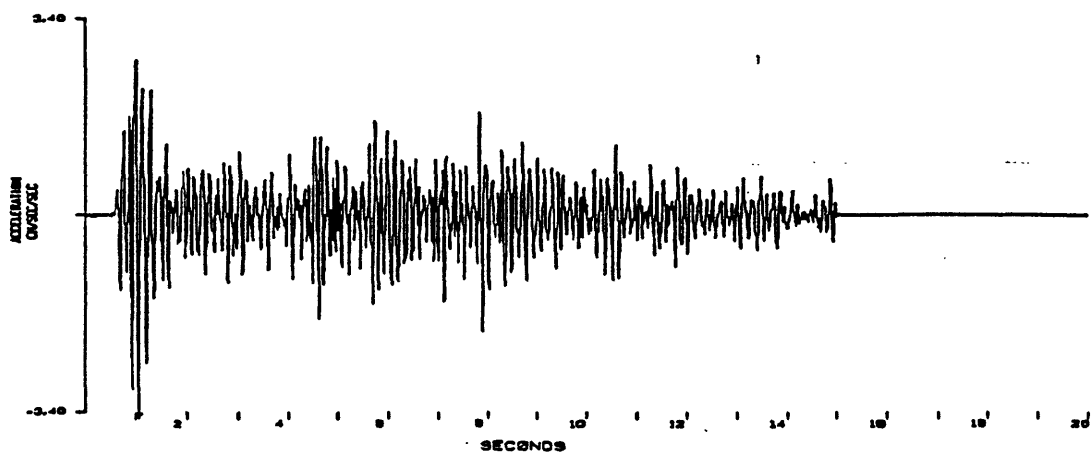
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION S.D. 000
5 PERCENT CRITICAL DAMPING



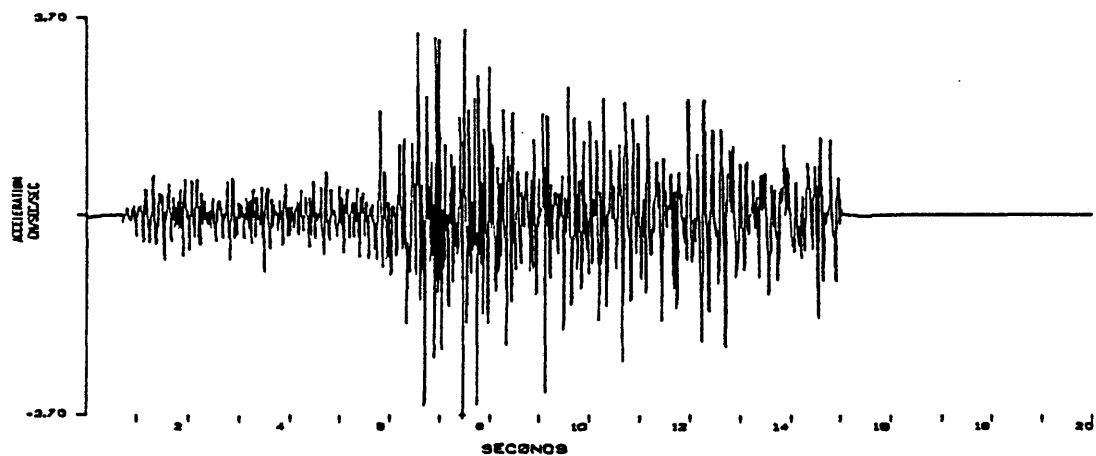
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 10/23/79, 01:13:13 UTC, ML-3.0
STATION S.D. 270
5 PERCENT CRITICAL DAMPING



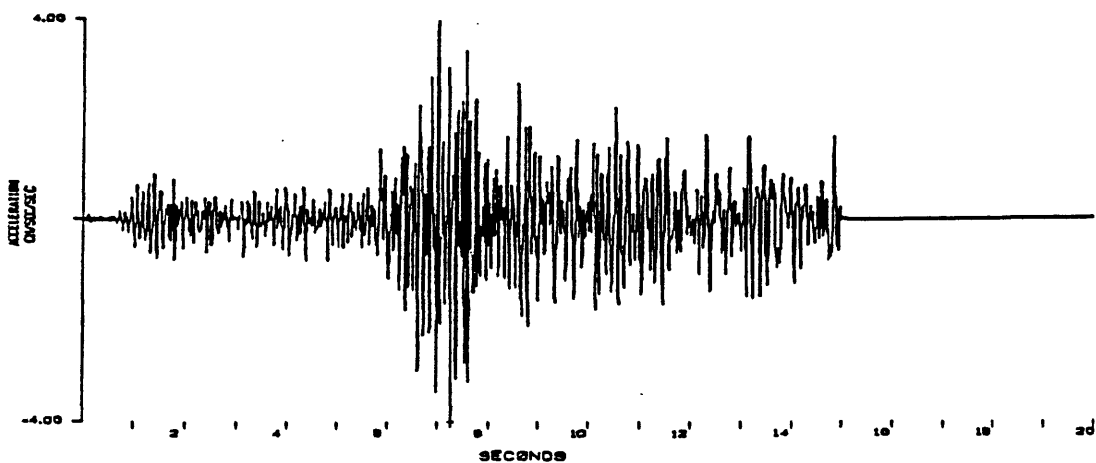
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 087



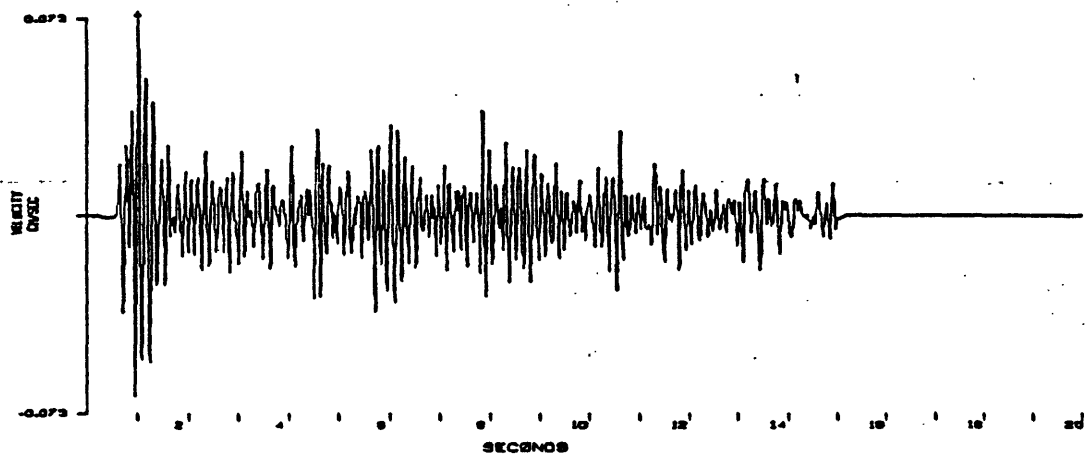
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 088



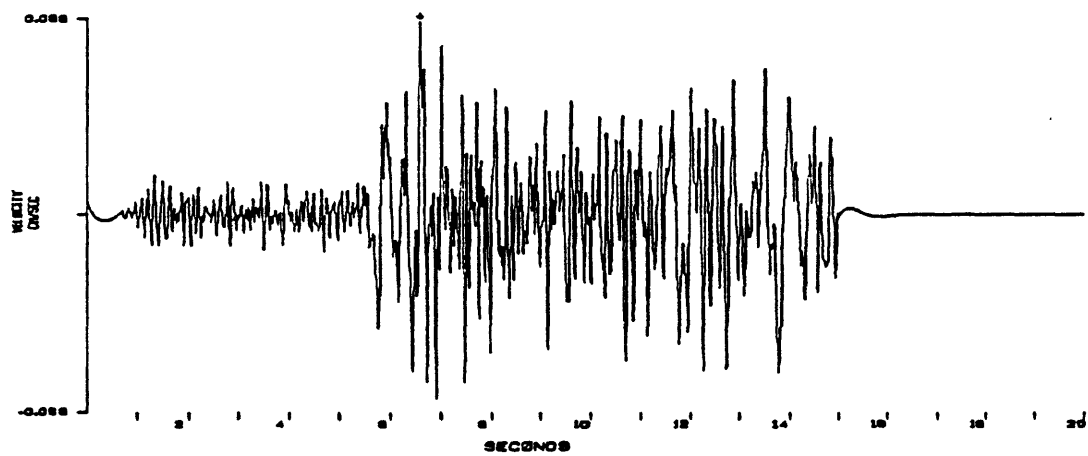
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 270



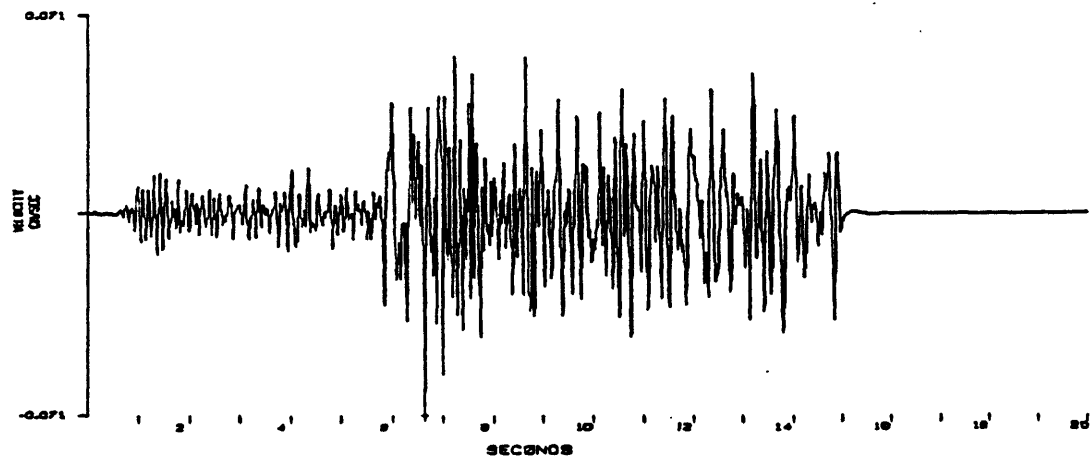
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, VENT



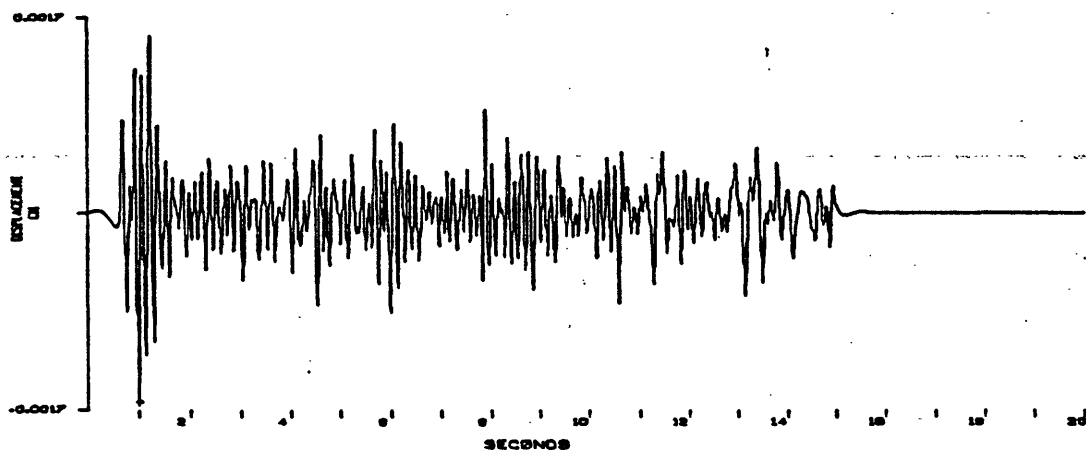
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, ODB



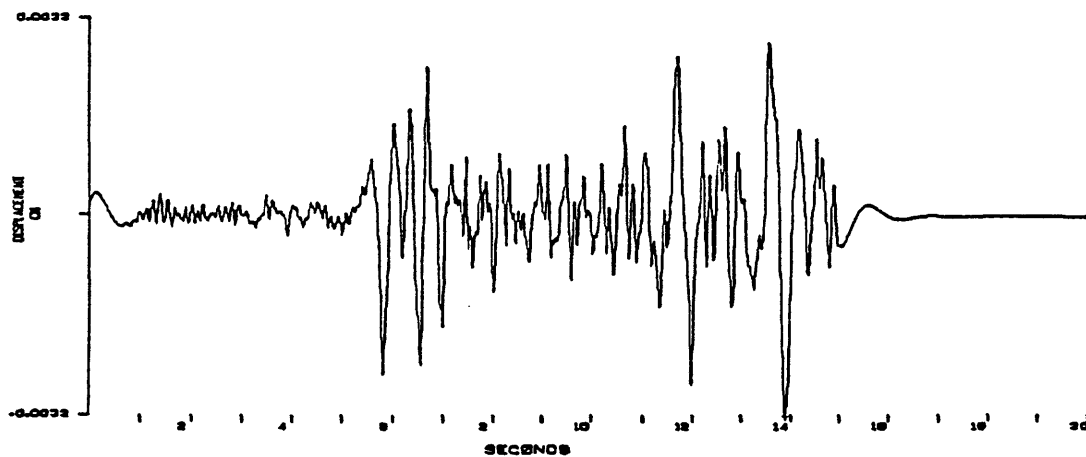
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 270



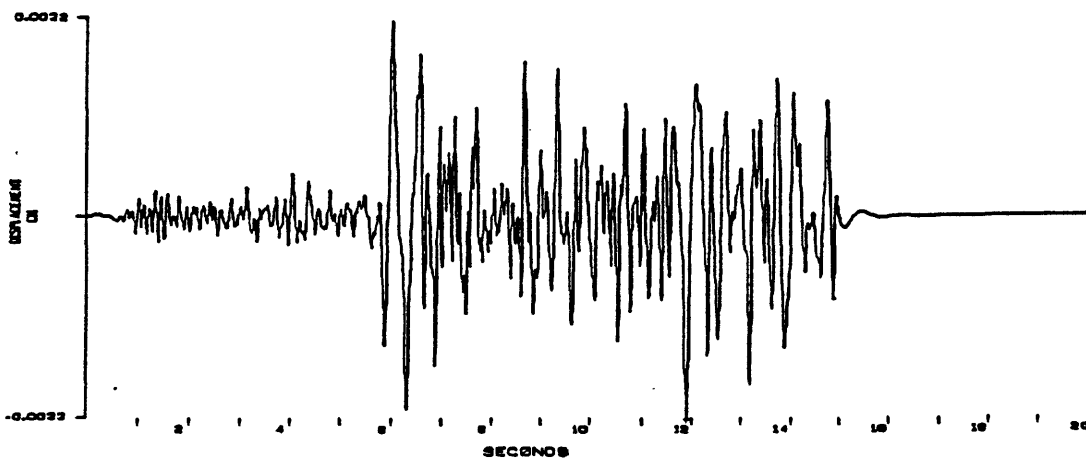
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, VENT



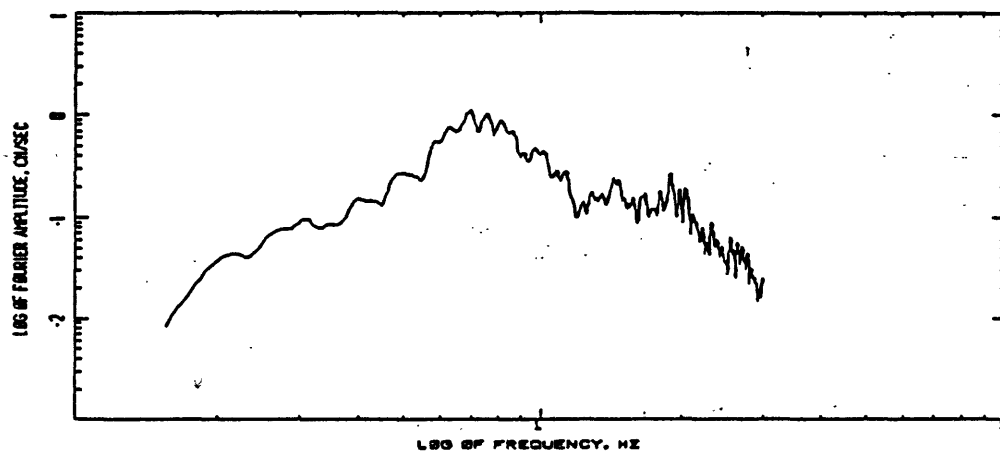
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, OUS



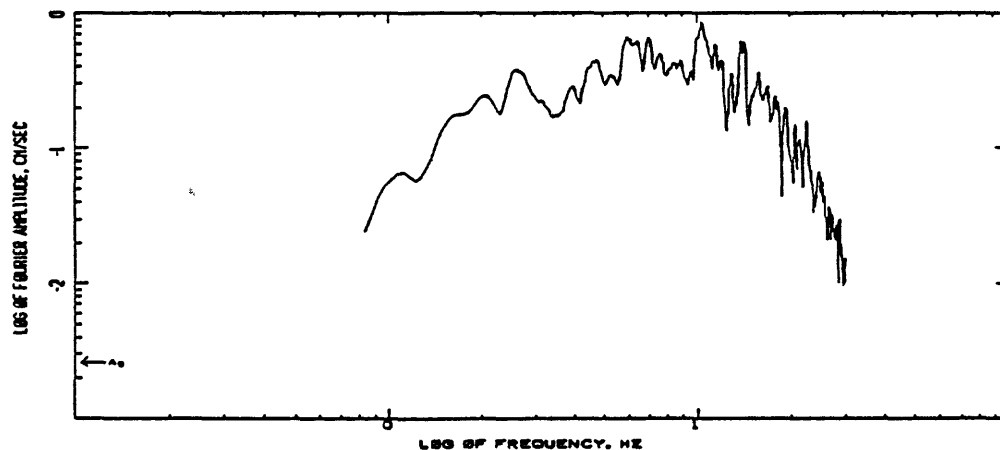
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION AFB, 275



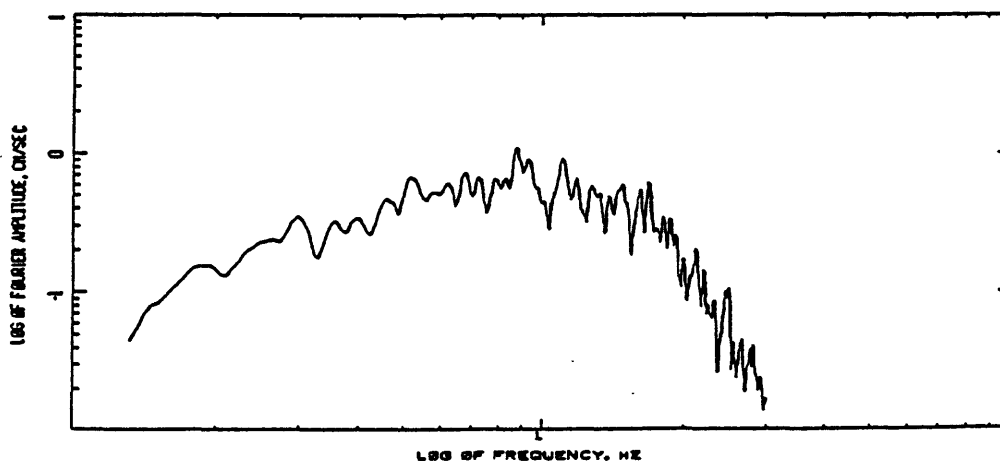
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/31/76, 01:43:48 UTC, ML=3.4
 STATION 159, 0HP
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSIE



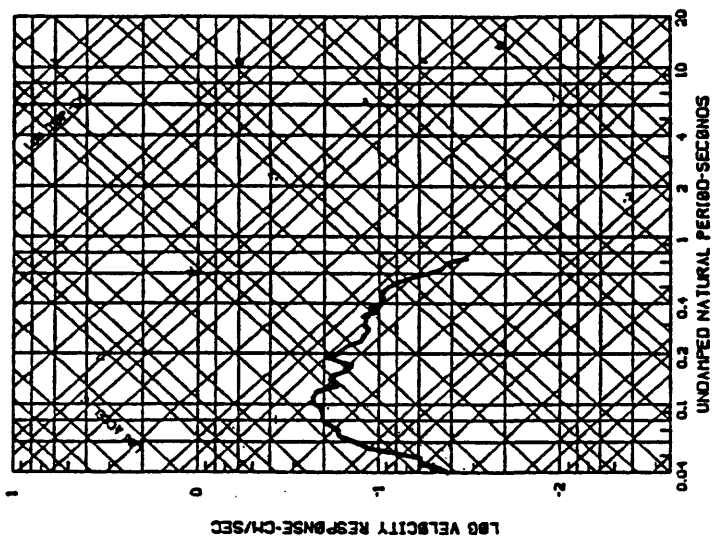
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/31/76, 01:43:48 UTC, ML=3.4
 STATION 159, 0HP
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSIE



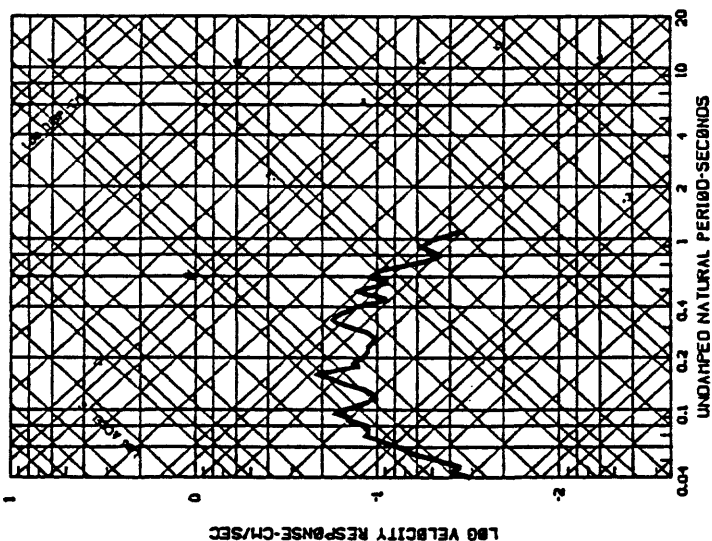
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/31/76, 01:43:48 UTC, ML=3.4
 STATION 159, 0HP
 COMPUTING OPTIONS: ZCRSS,SMOOTH(10),NONSIE



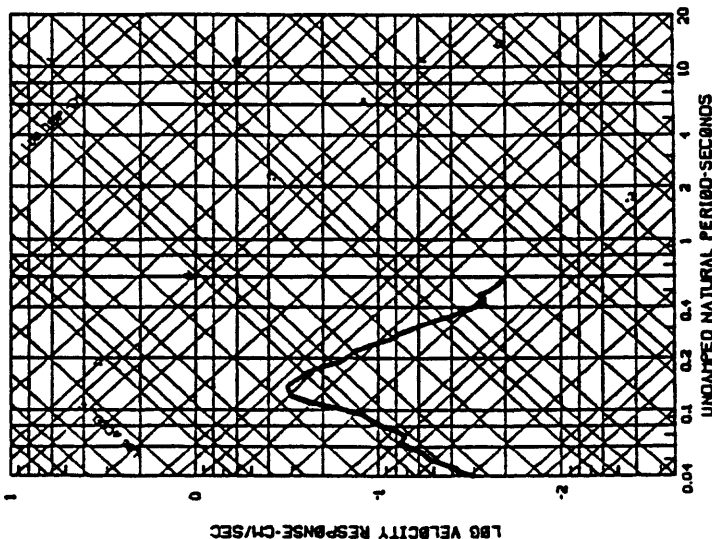
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:16 UTC, ML-3.4
STATION 158 0.00
5 PERCENT CRITICAL DAMPING



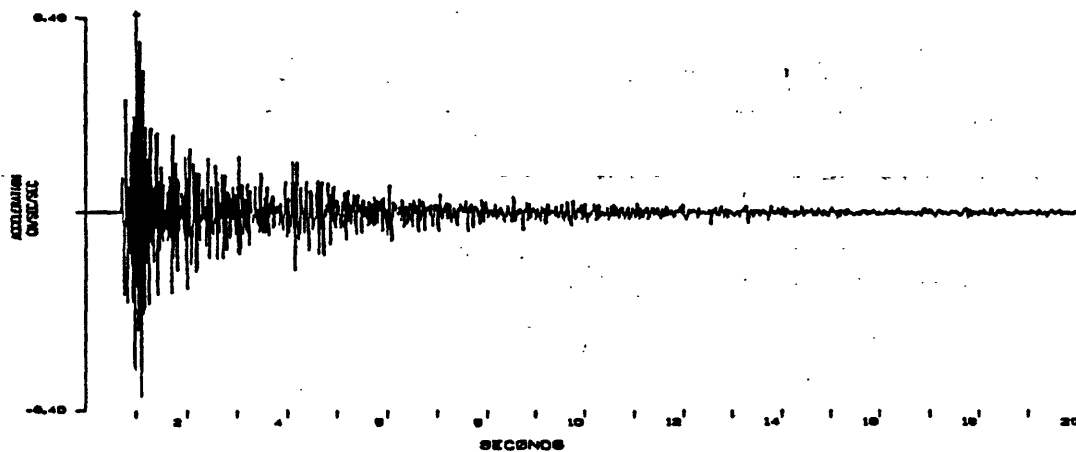
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC, ML-3.4
STATION 158 0.00
5 PERCENT CRITICAL DAMPING



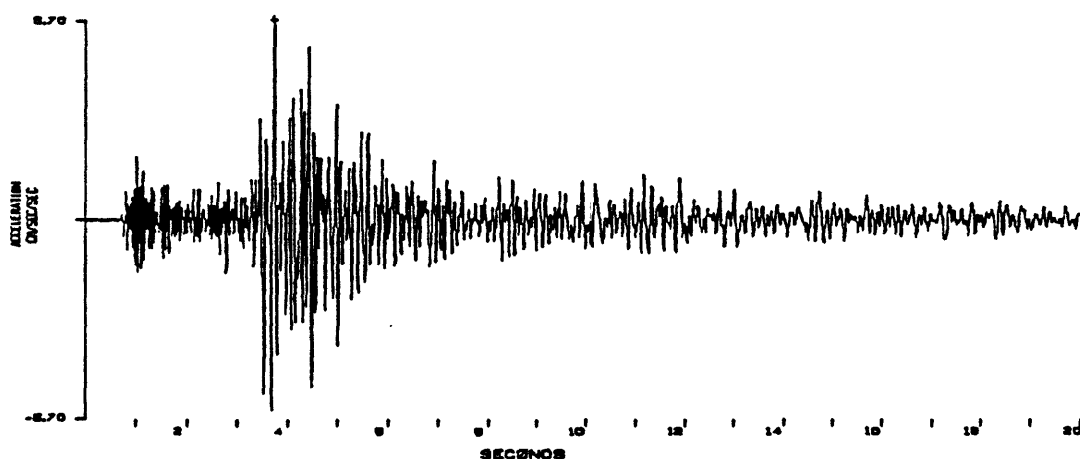
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:16 UTC, ML-3.4
STATION 158 0.00
5 PERCENT CRITICAL DAMPING



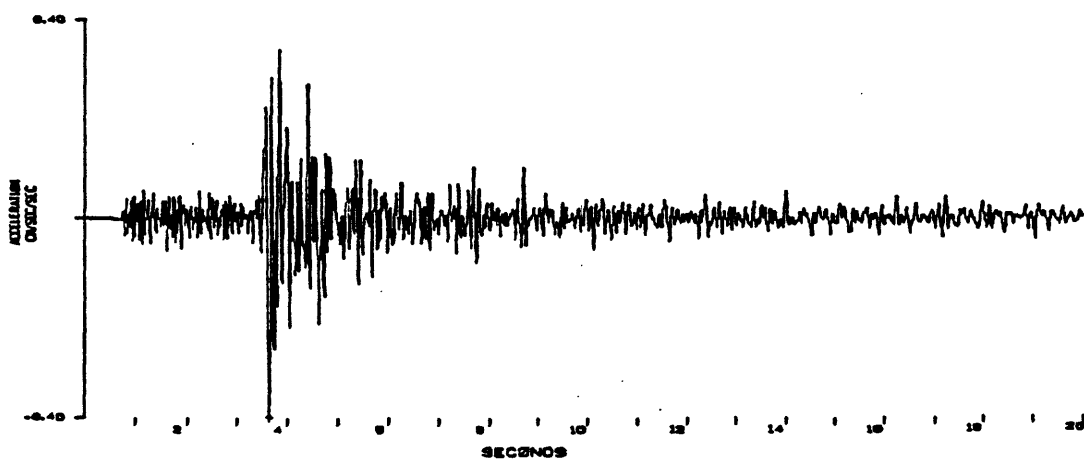
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:48 UTC. ML-3.4
STATION SCS. VERT



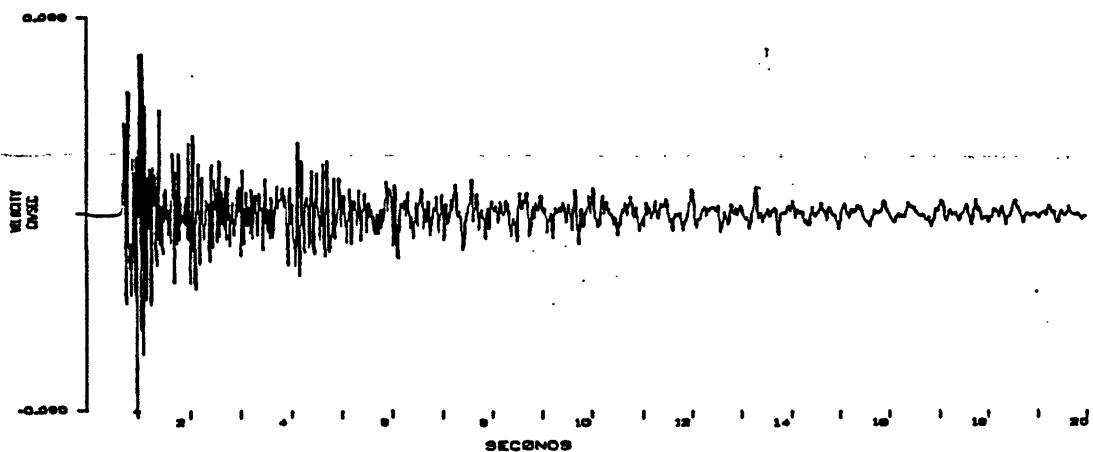
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:48 UTC. ML-3.4
STATION SCS. ODB



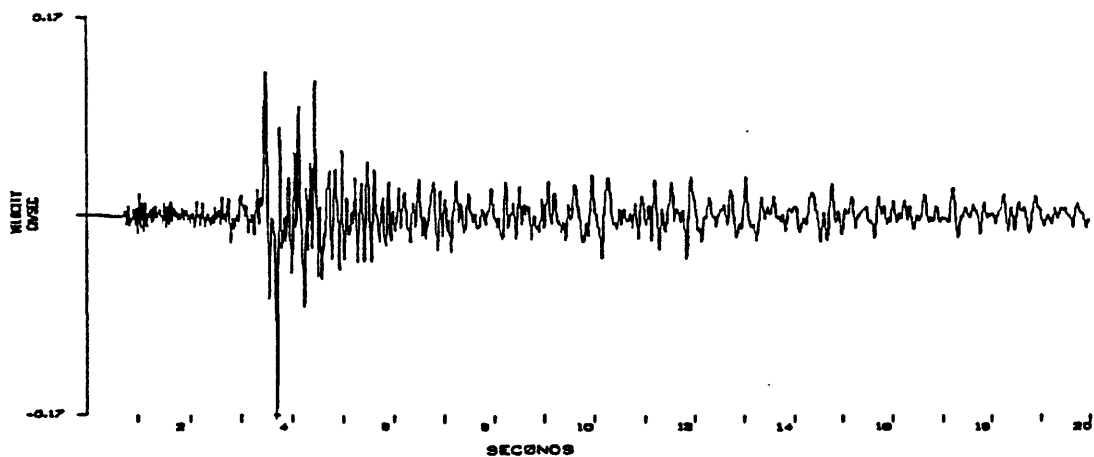
IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:48 UTC. ML-3.4
STATION SCS. ODB



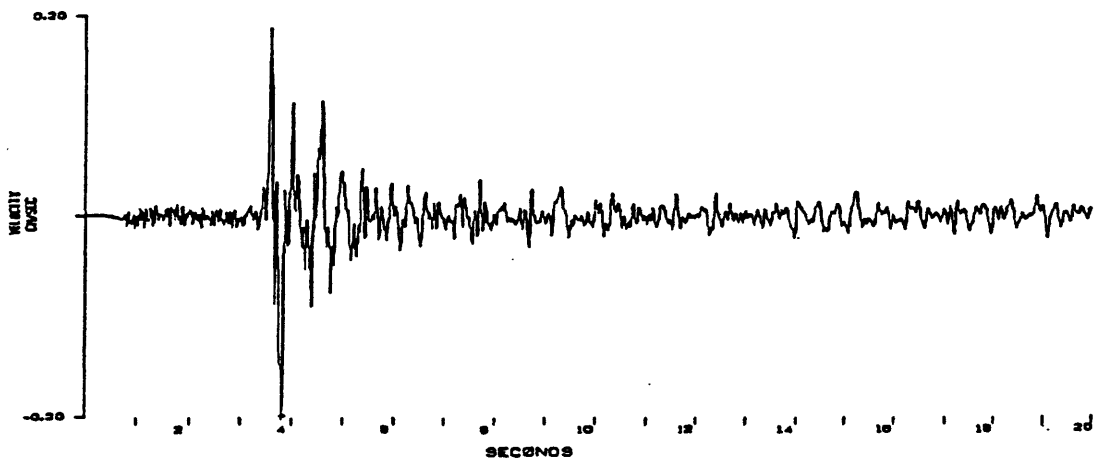
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, 005



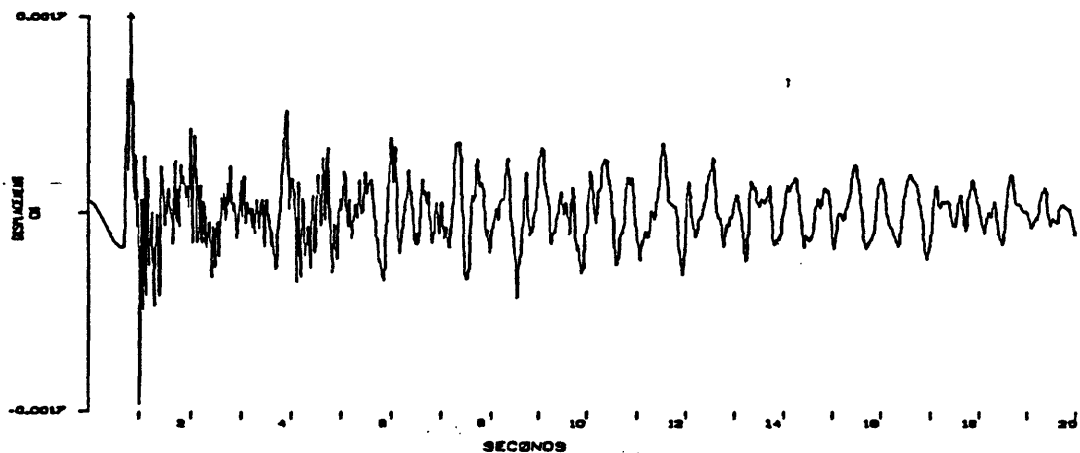
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, 005



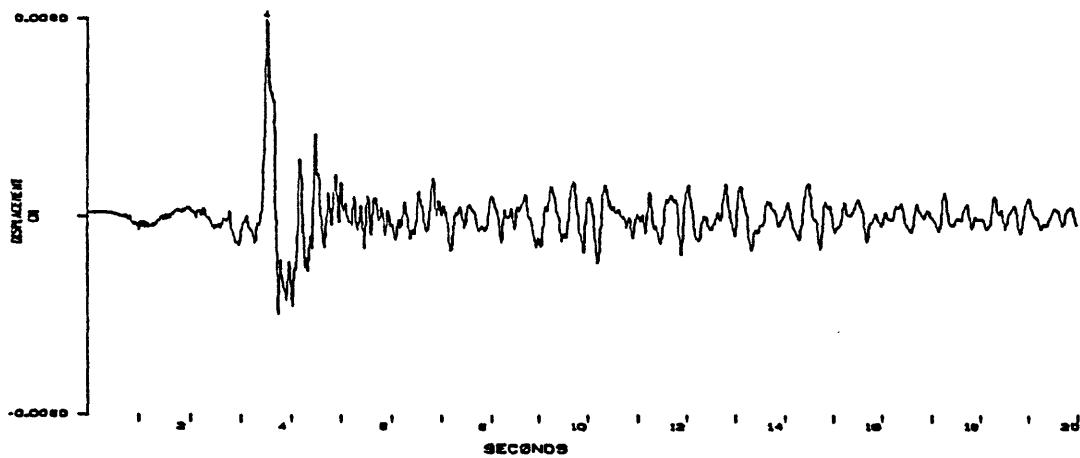
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, 005



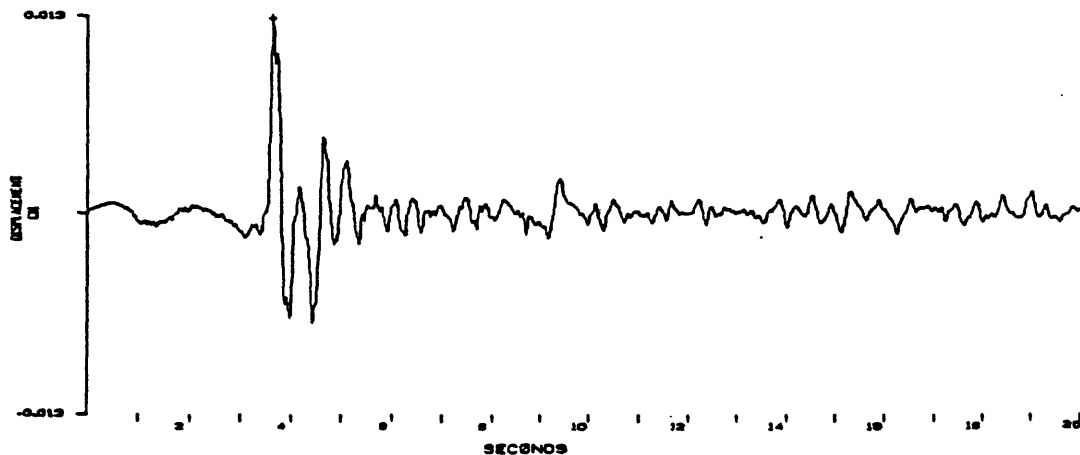
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, VERT



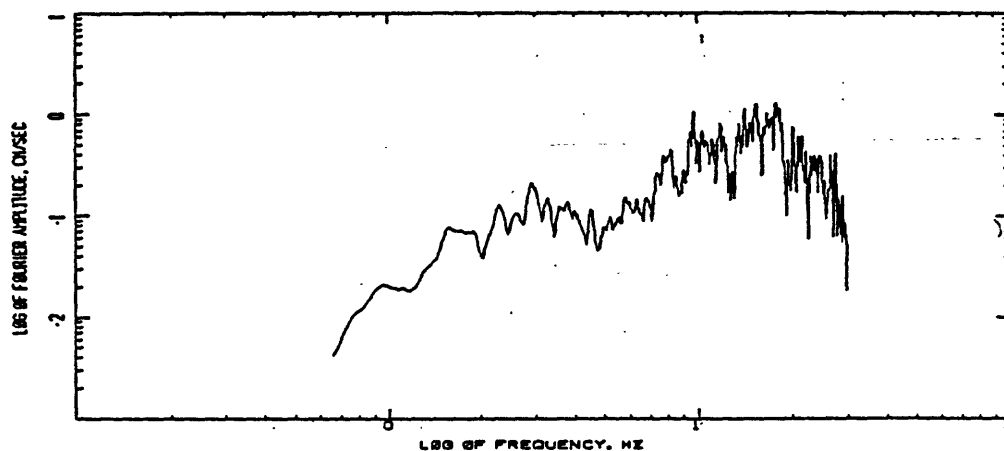
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, ODD



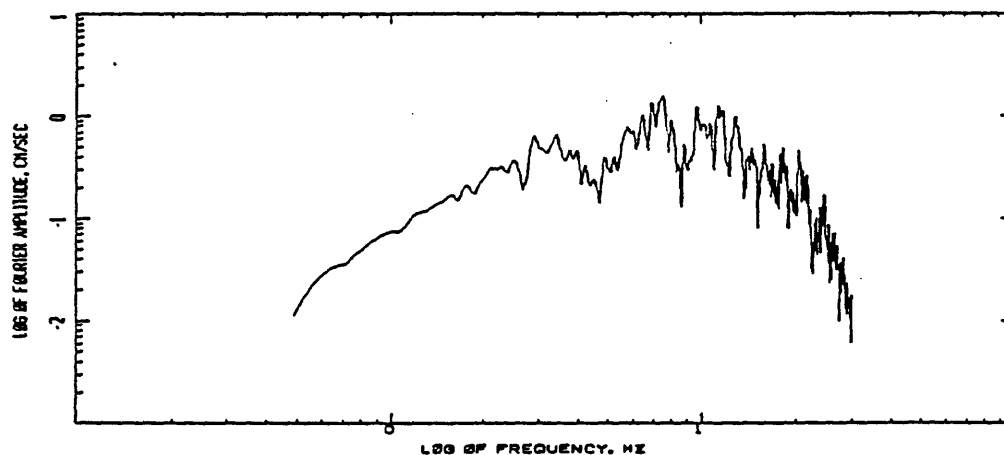
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SCS, ODD



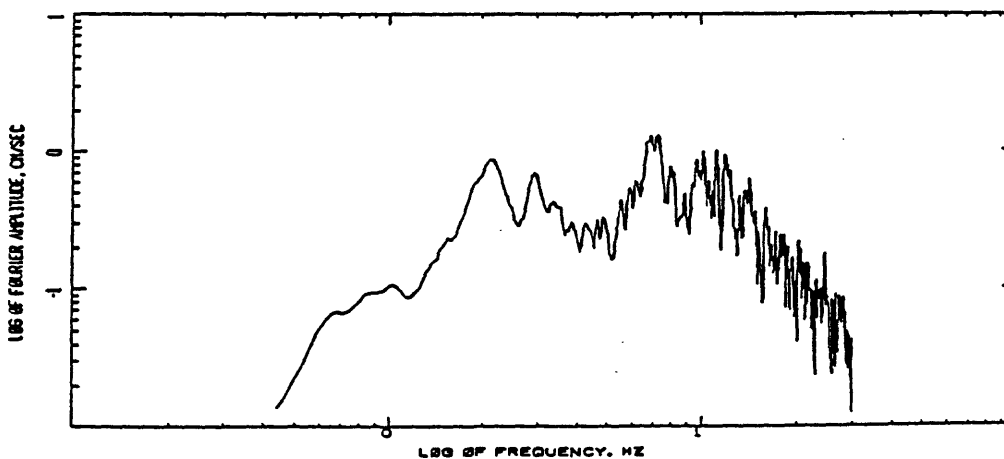
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10731276, 0143148 UTC, ML=3.4
 STATION 8CS, 010
 COMPUTING OPTIONS- ZCROSS,SHOOTH101,NONEISE



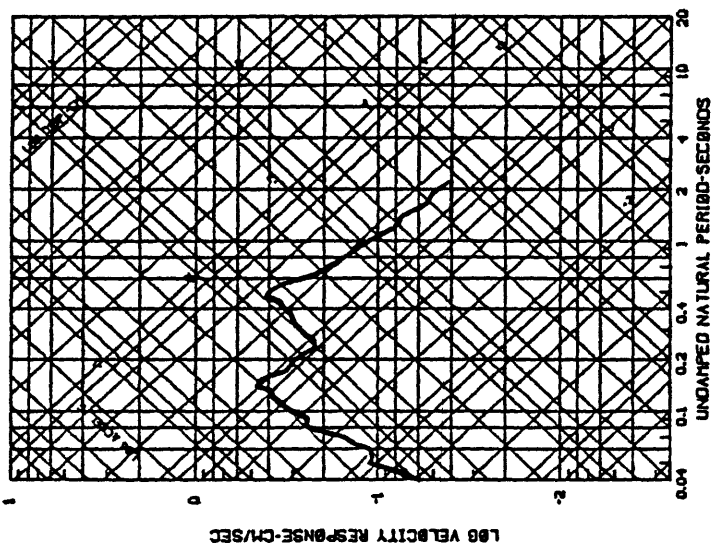
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10731276, 0143148 UTC, ML=3.4
 STATION 8CS, 010
 COMPUTING OPTIONS- ZCROSS,SHOOTH101,NONEISE



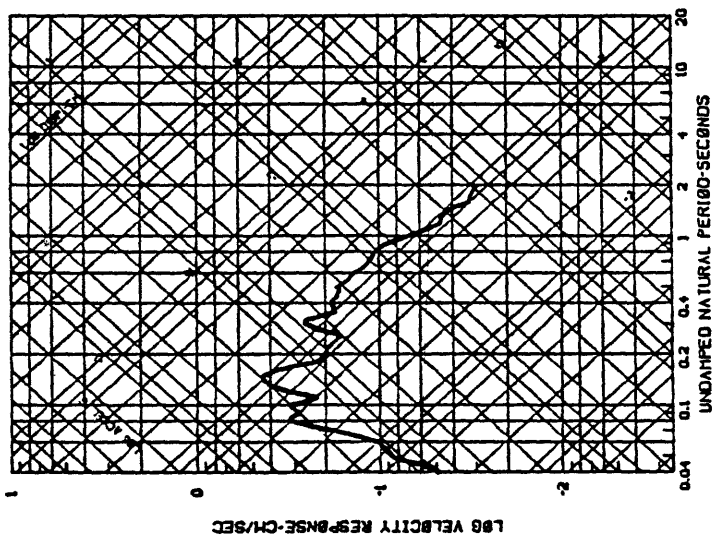
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 10731276, 0143148 UTC, ML=3.4
 STATION 8CS, 010
 COMPUTING OPTIONS- ZCROSS,SHOOTH101,NONEISE



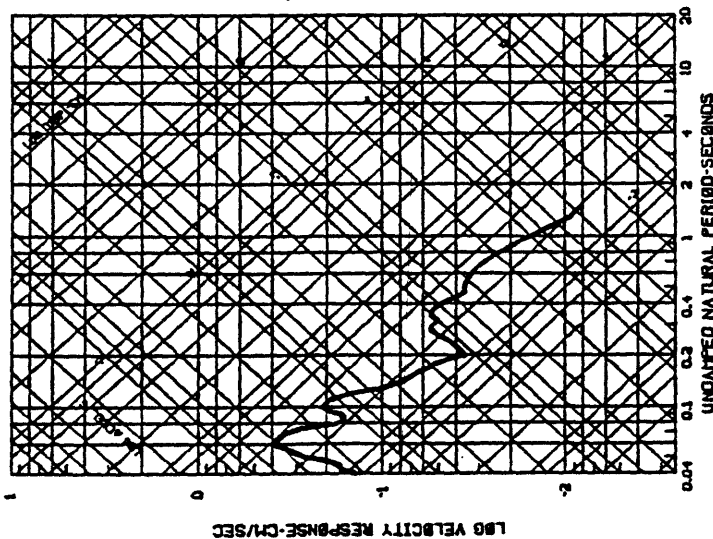
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC, M-3.4
 STATION RCS 000
 5 PERCENT CRITICAL DAMPING



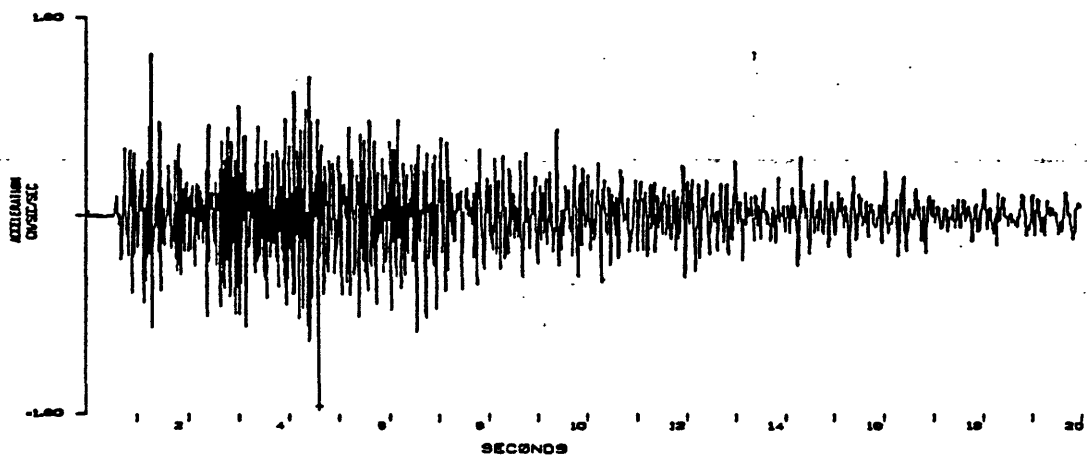
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC, M-3.4
 STATION RCS 000
 5 PERCENT CRITICAL DAMPING



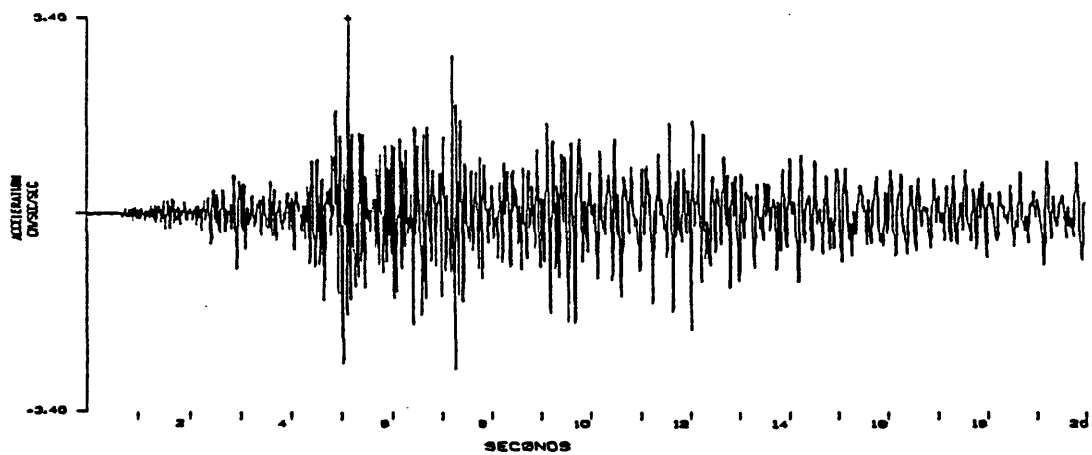
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC, M-3.4
 STATION RCS 000
 5 PERCENT CRITICAL DAMPING



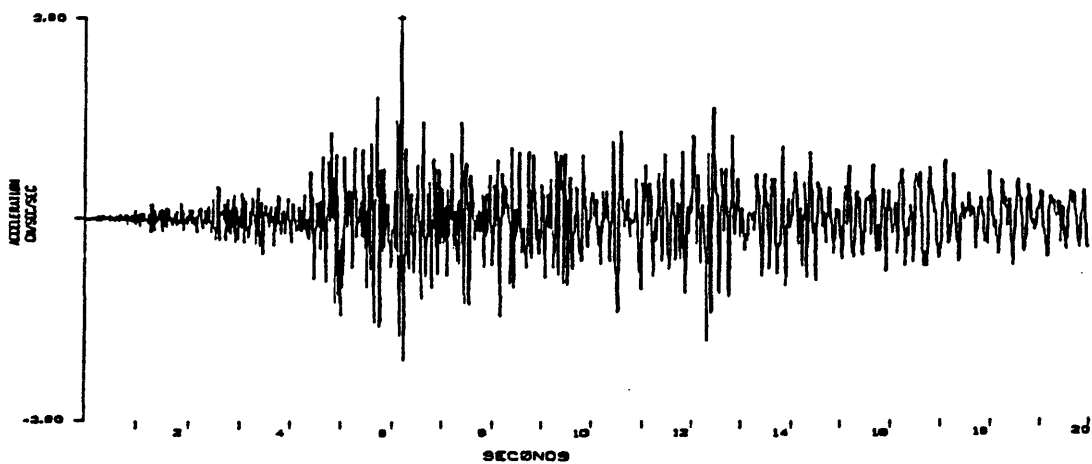
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:48 UTC, ML=3.4
STATION FBR, VERT



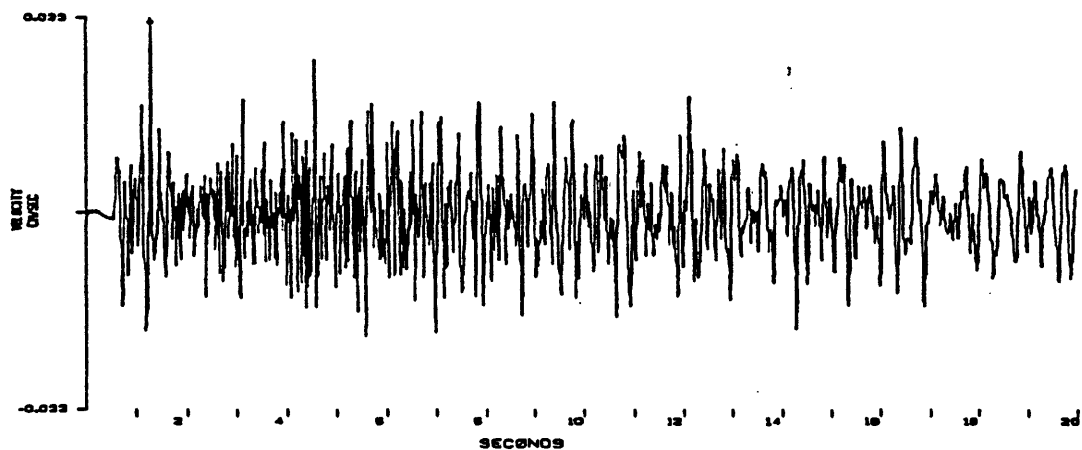
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:48 UTC, ML=3.4
STATION FBR, ODD



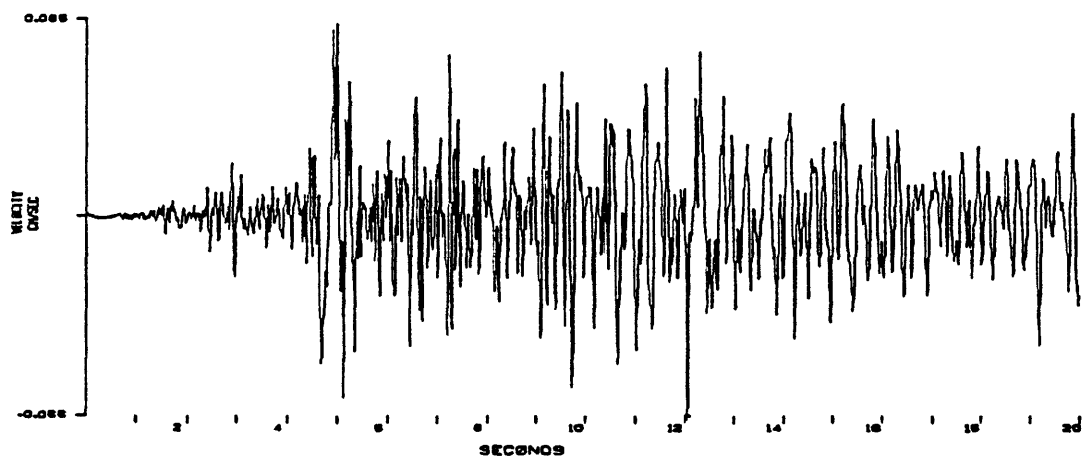
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:48 UTC, ML=3.4
STATION FBR, 270



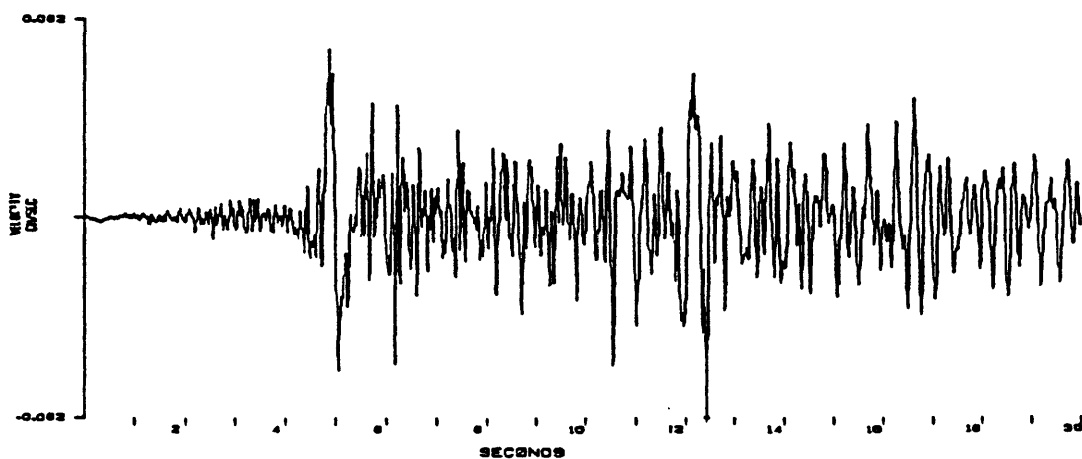
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION FBR, VERT



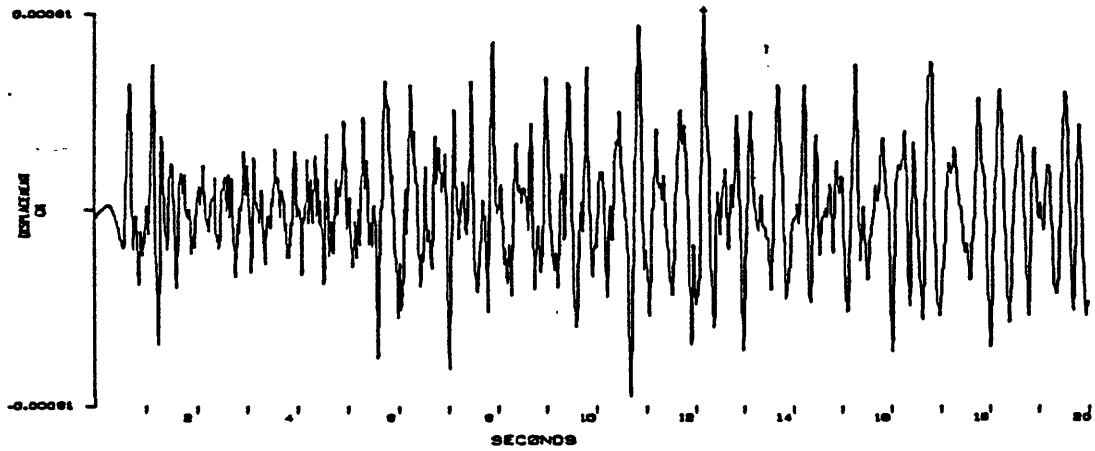
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION FBR, ODD



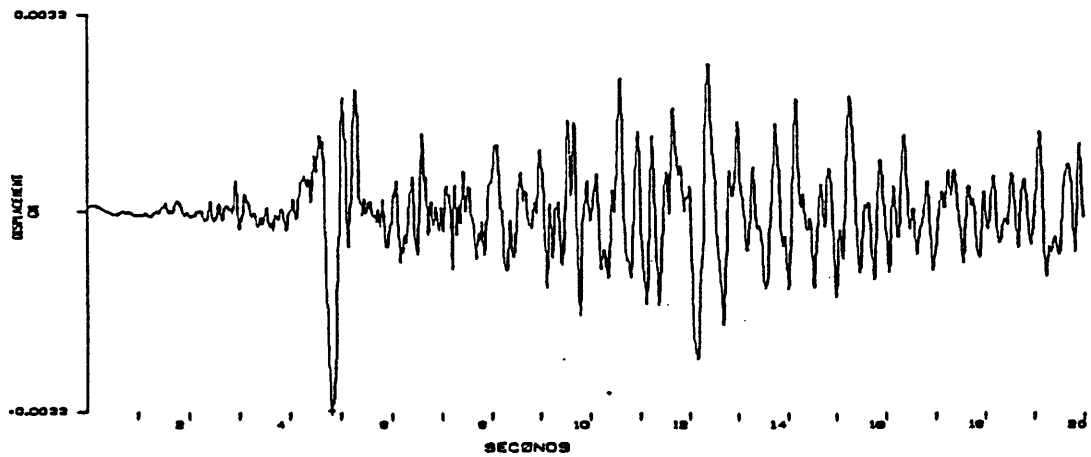
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION FBR, 270



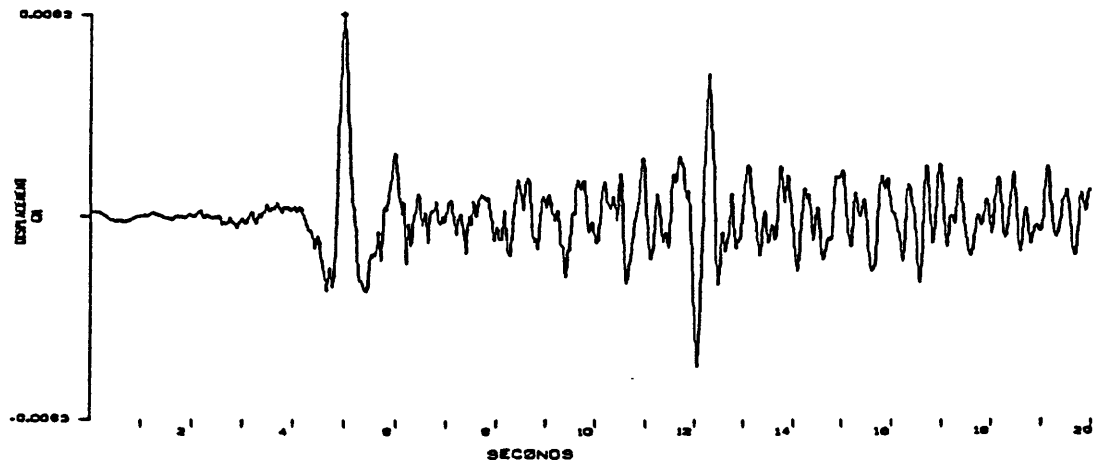
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:46 UTC, ML-3.4
STATION FBR, 067



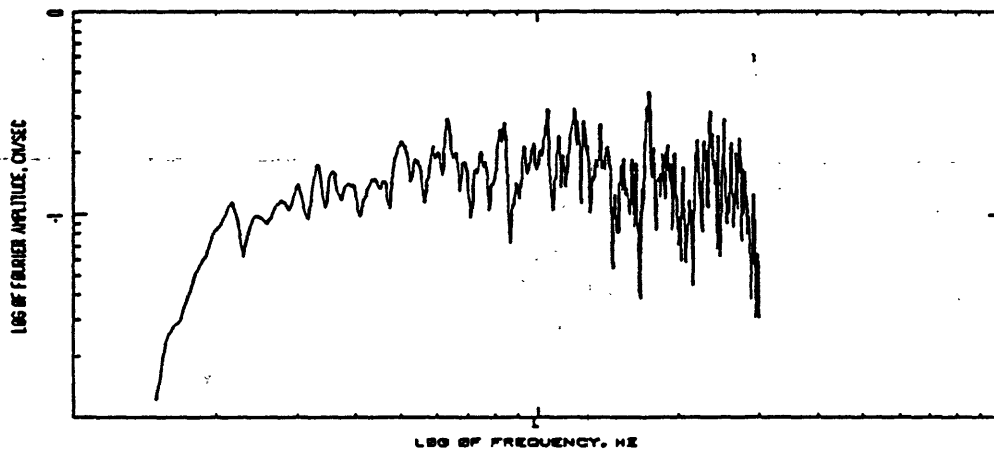
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:46 UTC, ML-3.4
STATION FBR, 000



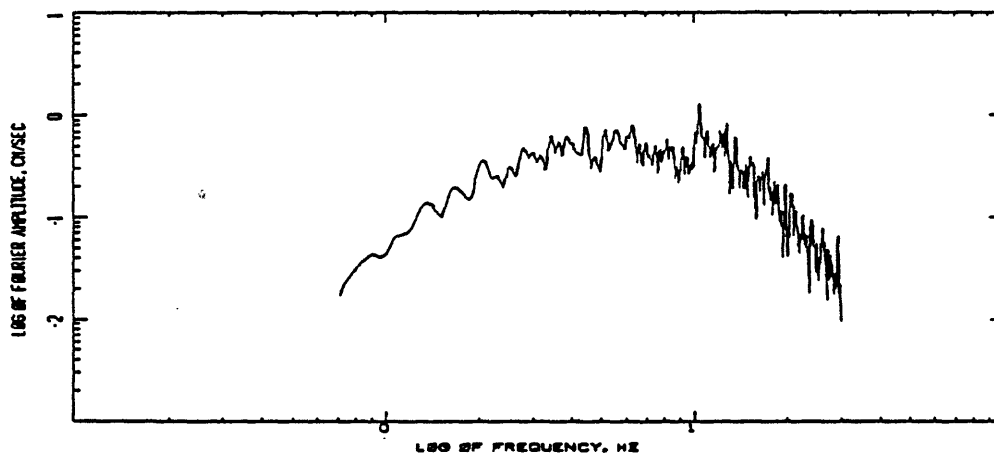
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 01:43:46 UTC, ML-3.4
STATION FBR, 270



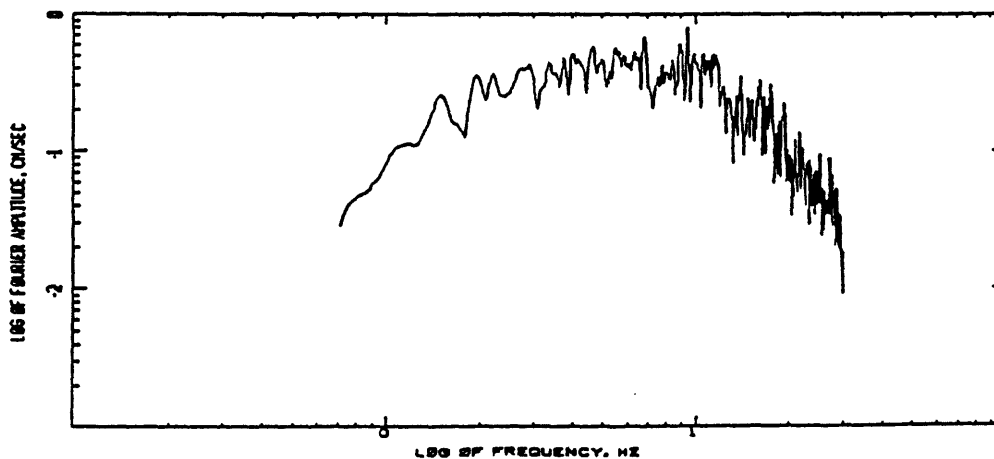
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1940 FEB. 9, 4:31:48 UTC. MC-3.4
 STATION 28R, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONDISE



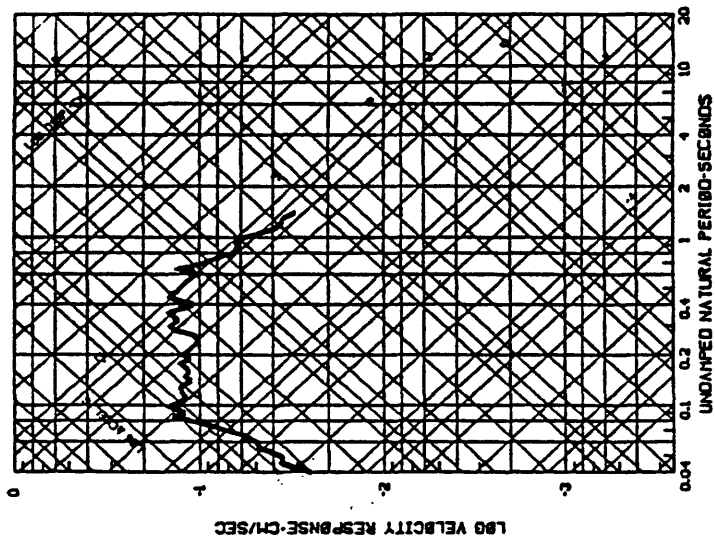
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1940 FEB. 9, 4:31:48 UTC. MC-3.4
 STATION 28R, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONDISE



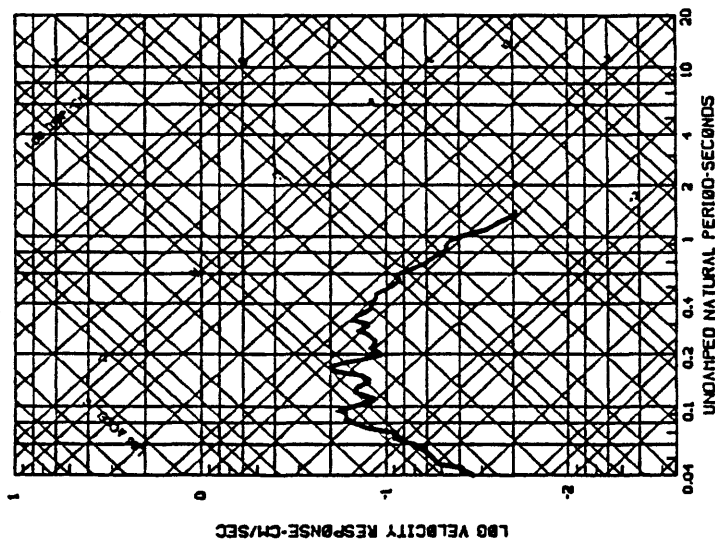
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1940 FEB. 9, 4:31:48 UTC. MC-3.4
 STATION 28R, 200
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONDISE



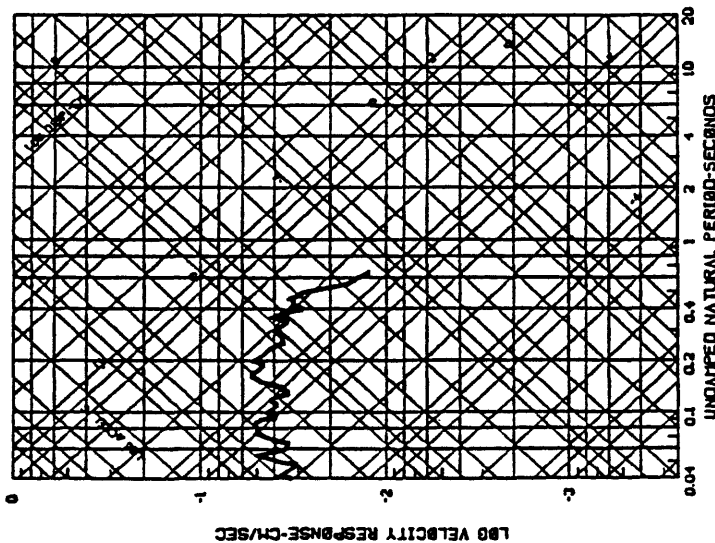
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/70, 11:34:16 UTC, M_L 3.4
 5 PERCENT CRITICAL DAMPING



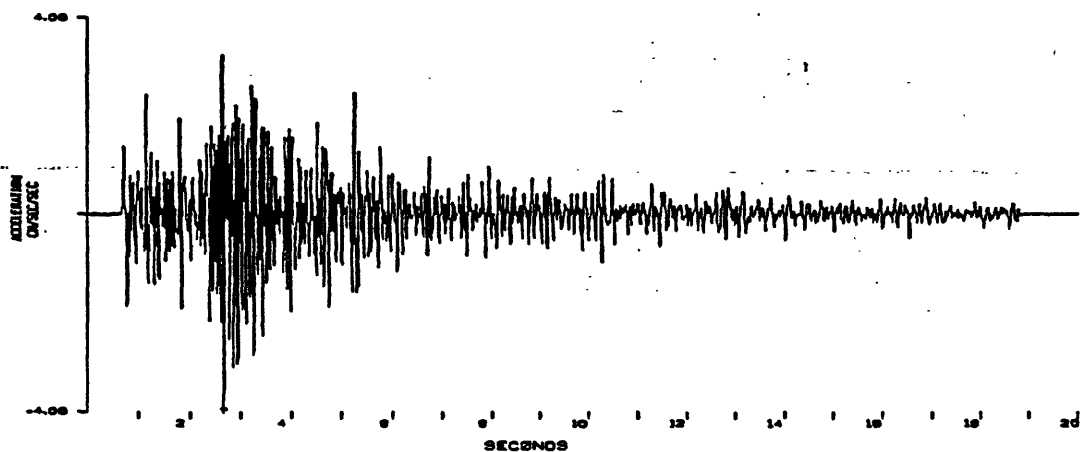
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/70, 11:34:16 UTC, M_L 3.4
 5 PERCENT CRITICAL DAMPING



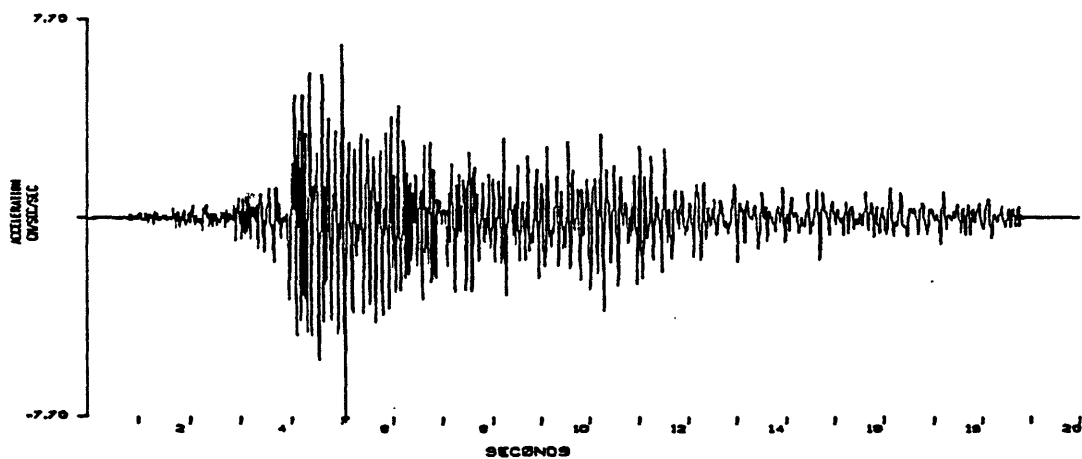
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/70, 11:34:16 UTC, M_L 3.4
 5 PERCENT CRITICAL DAMPING



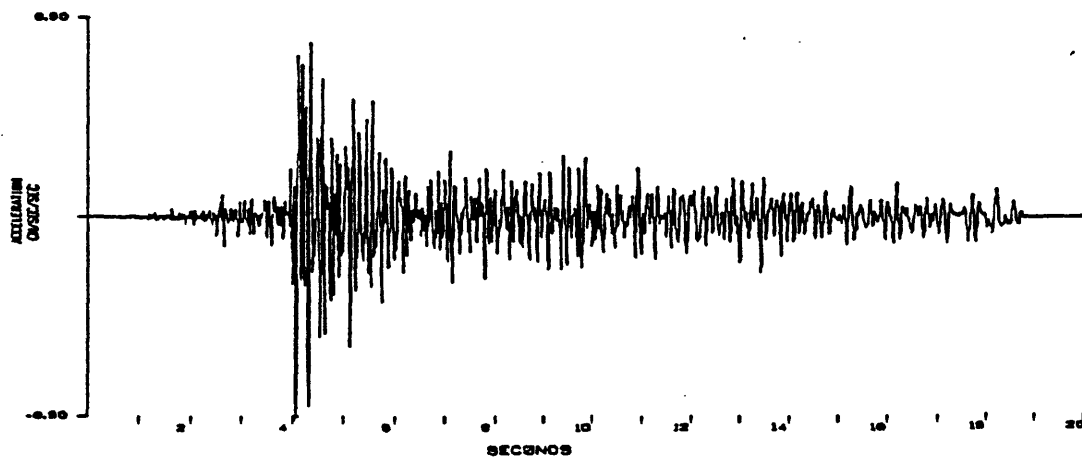
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION GPN, VERT



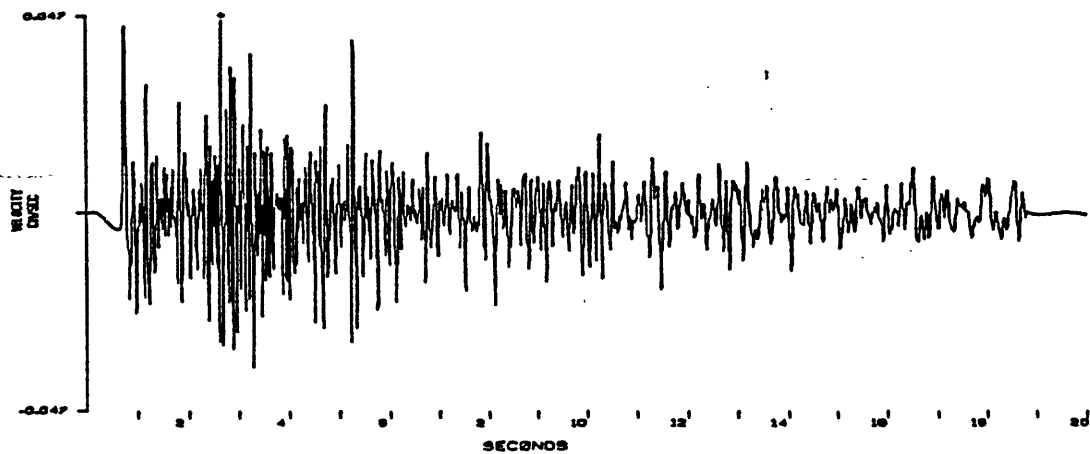
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION GPN, ODD



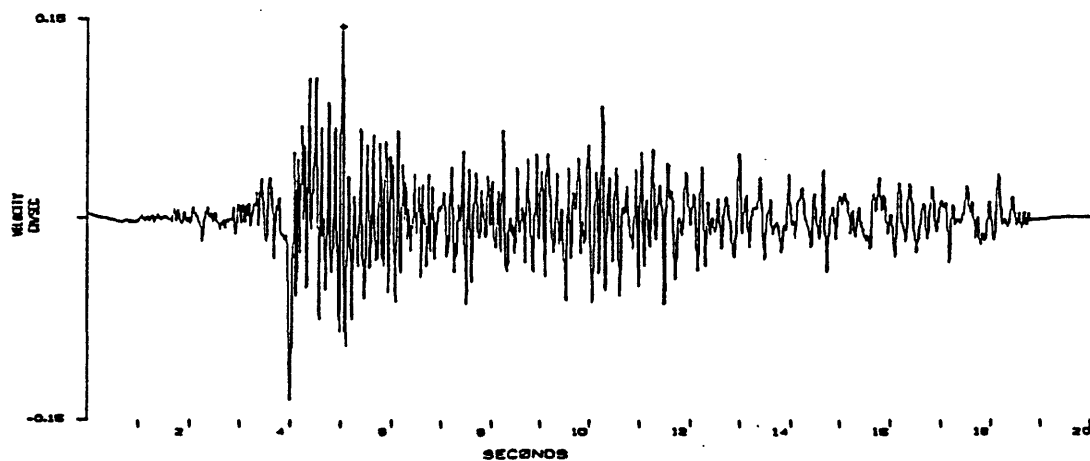
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STATION GPN, ODD



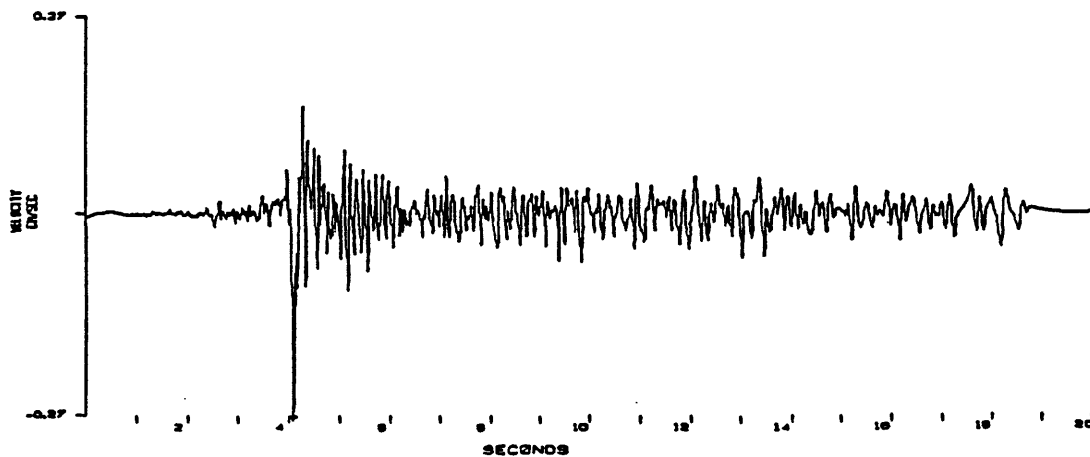
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION GPN, VERT



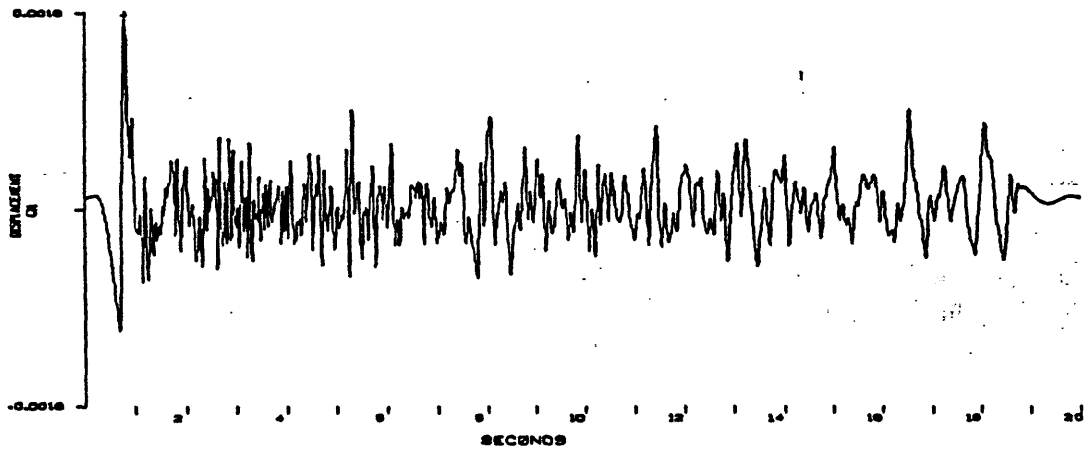
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION GPN, OOB



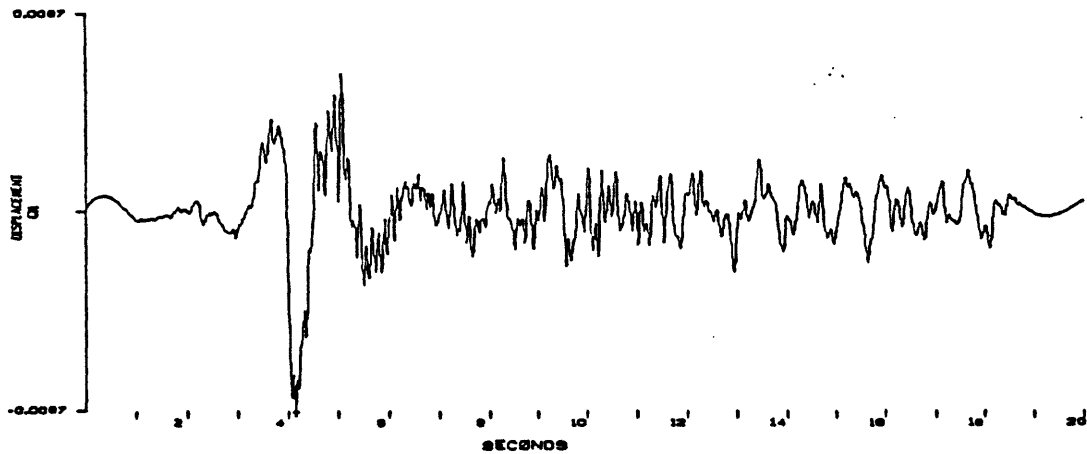
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML=3.4
STATION GPN, OOB



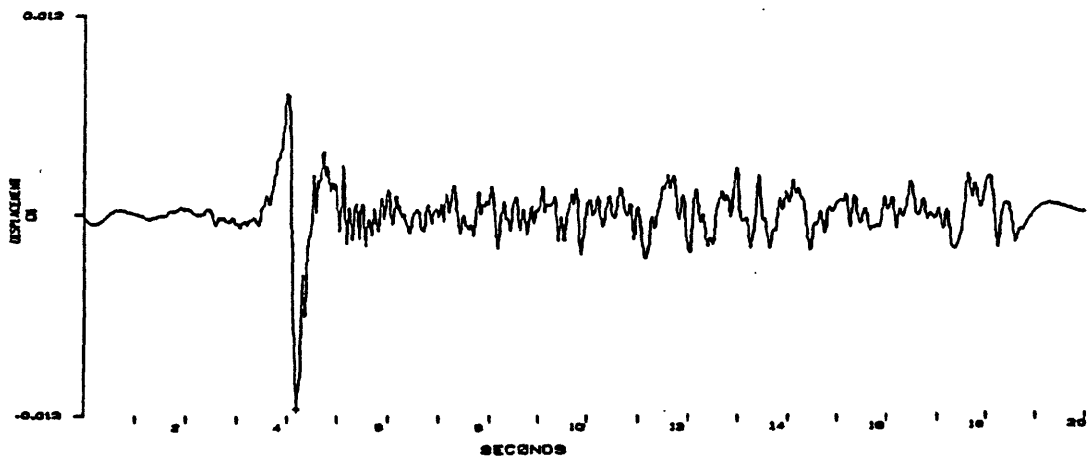
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, VEH7



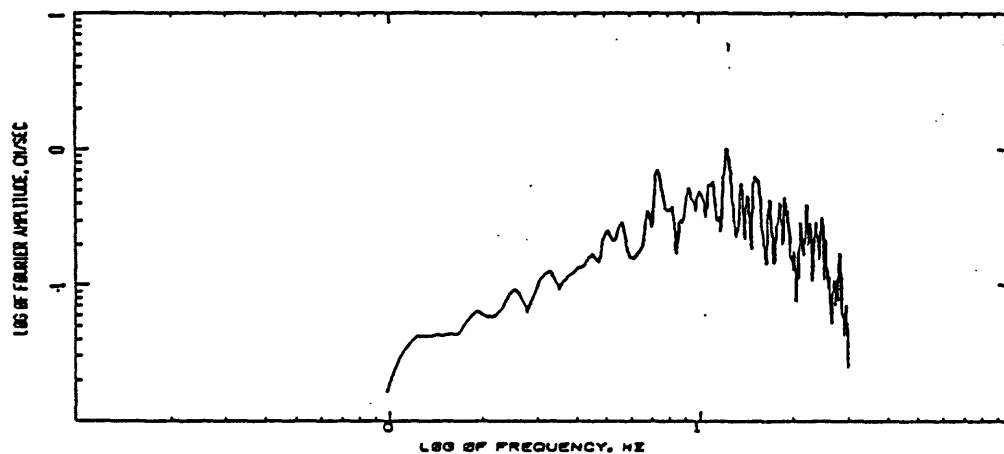
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, OBB



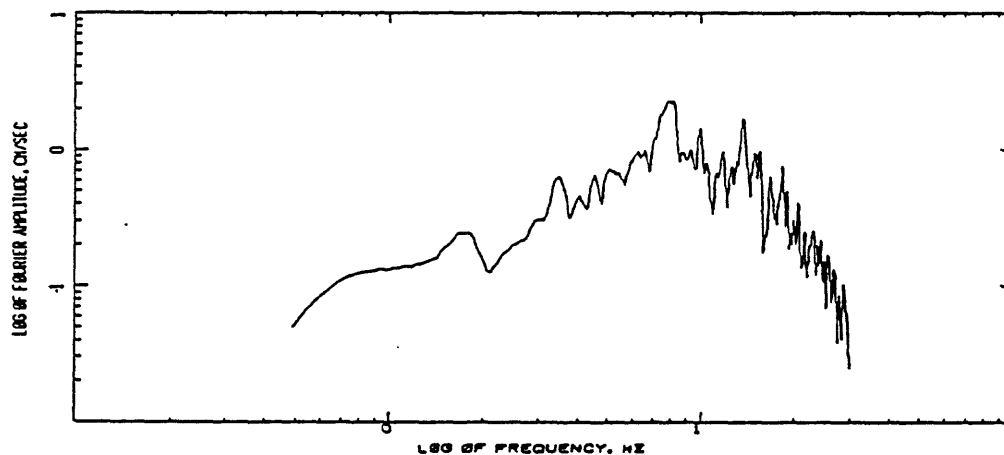
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION GPN, OBB



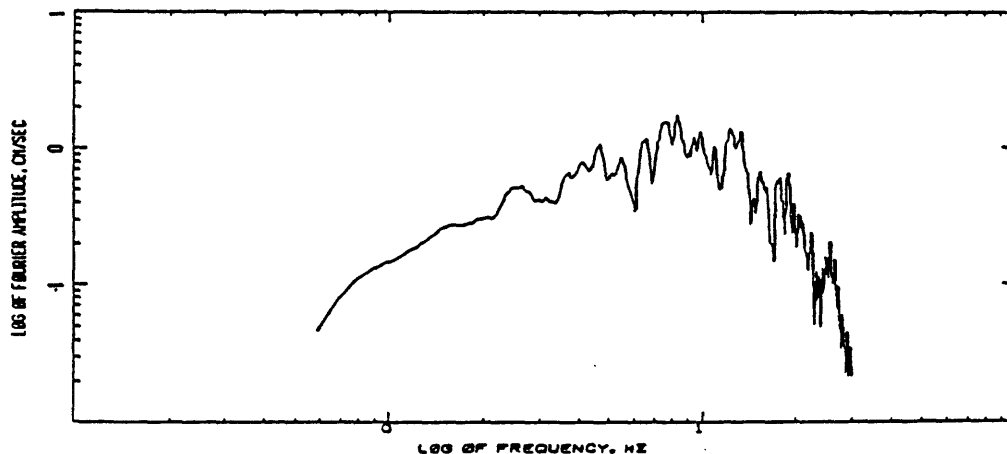
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/25/76, 01:43:16 UTC, ML=3.4
 STATION 02N, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



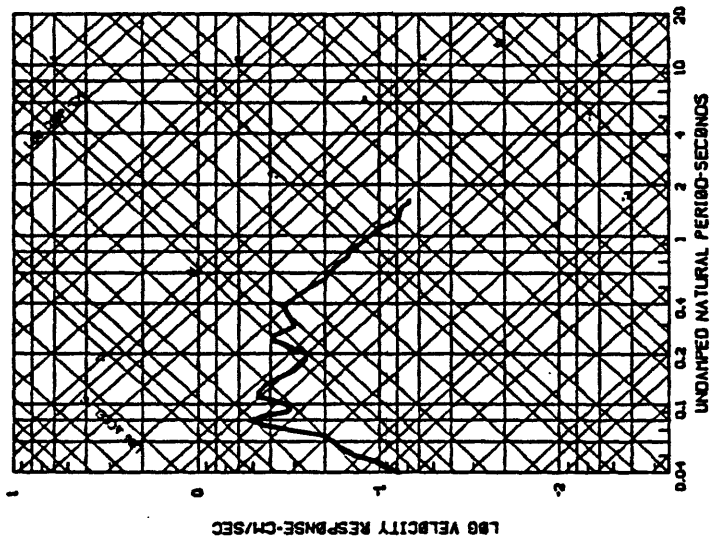
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/25/76, 01:43:16 UTC, ML=3.4
 STATION 02N, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



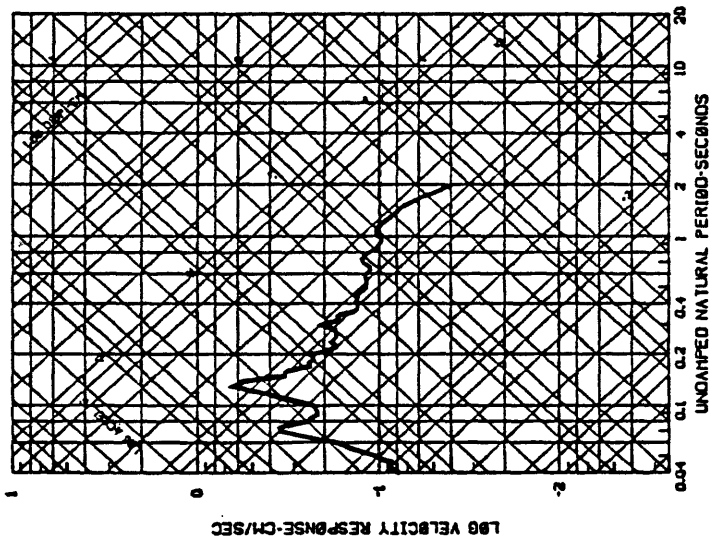
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 07/25/76, 01:43:16 UTC, ML=3.4
 STATION 02N, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



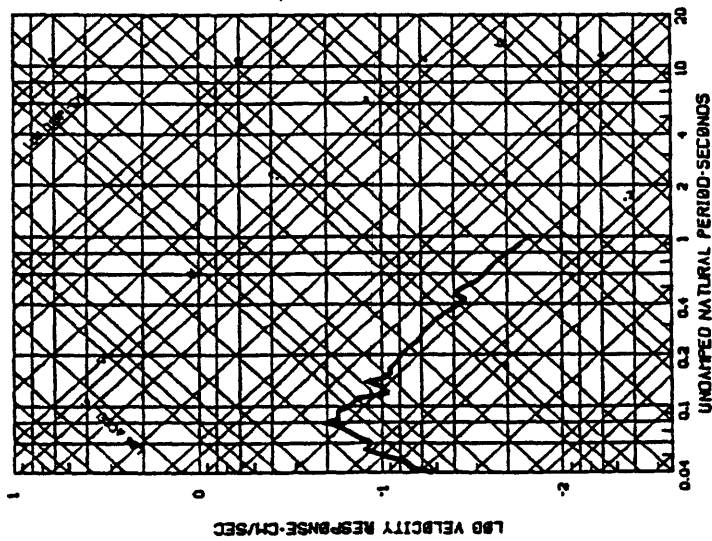
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC ML-3.4
 STATION 000 5 PERCENT CRITICAL DAMPING



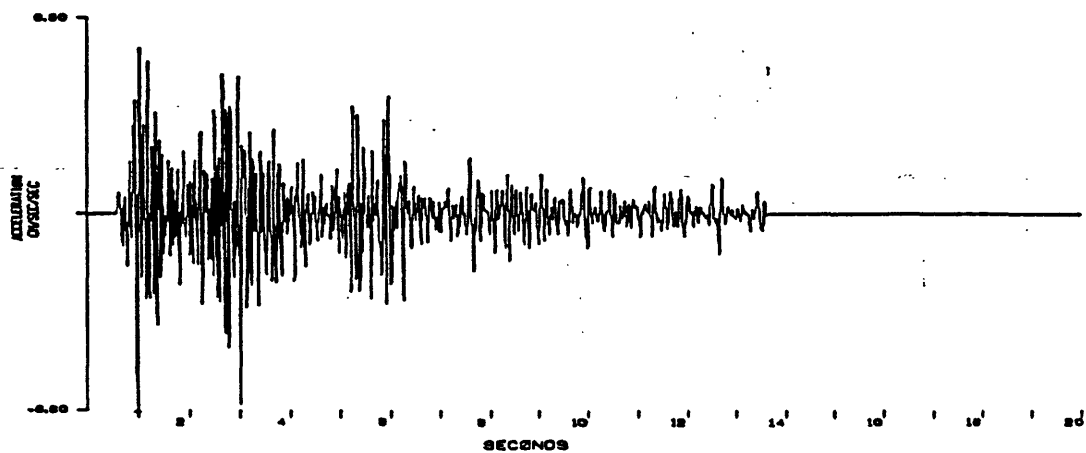
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC ML-3.4
 STATION 000 5 PERCENT CRITICAL DAMPING



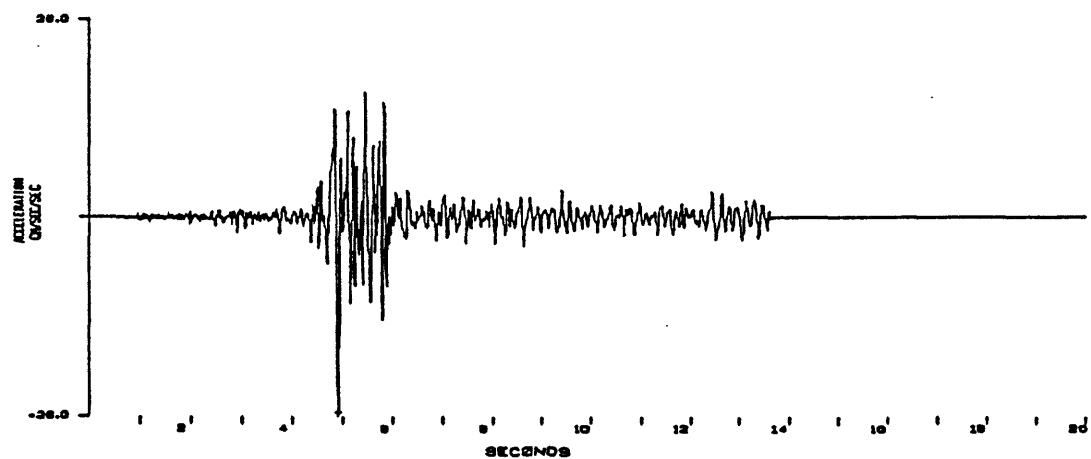
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE 10/31/79 11:43:40 UTC ML-3.4
 STATION 000 5 PERCENT CRITICAL DAMPING



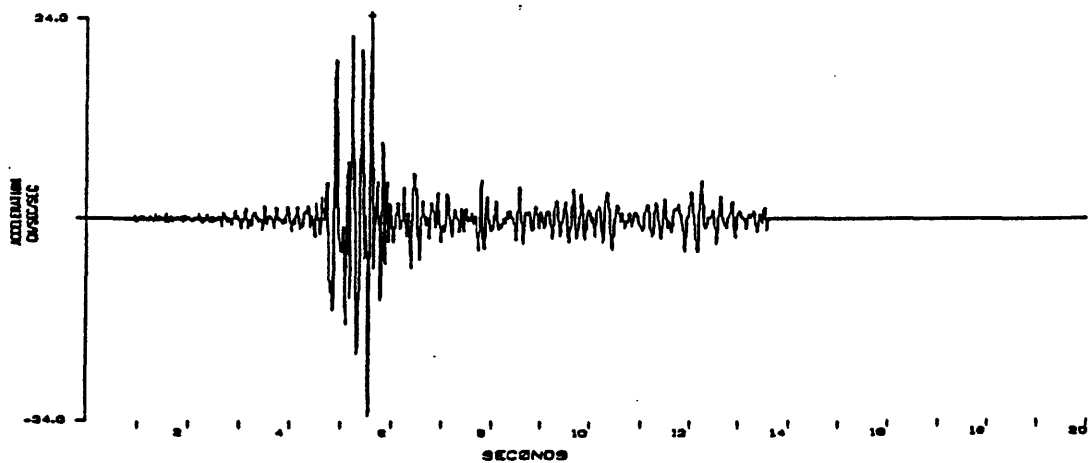
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, VERT



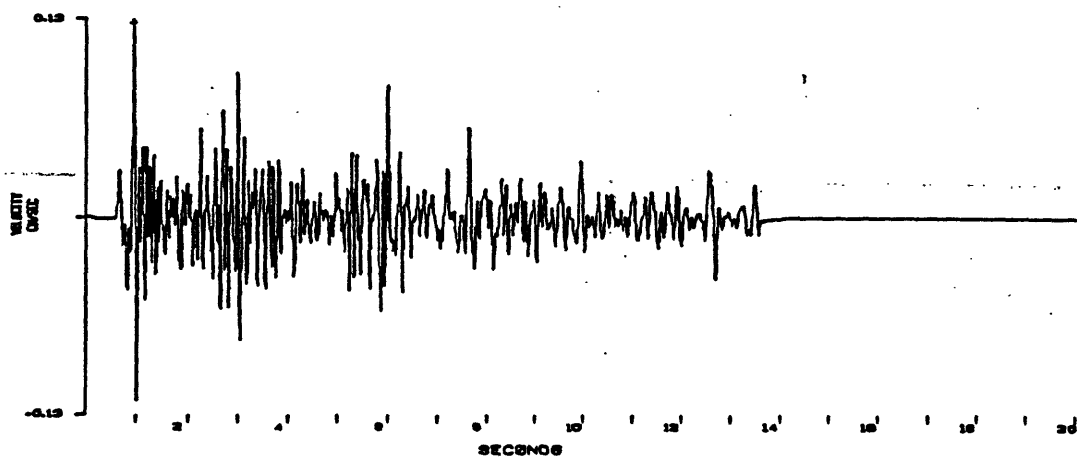
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 000



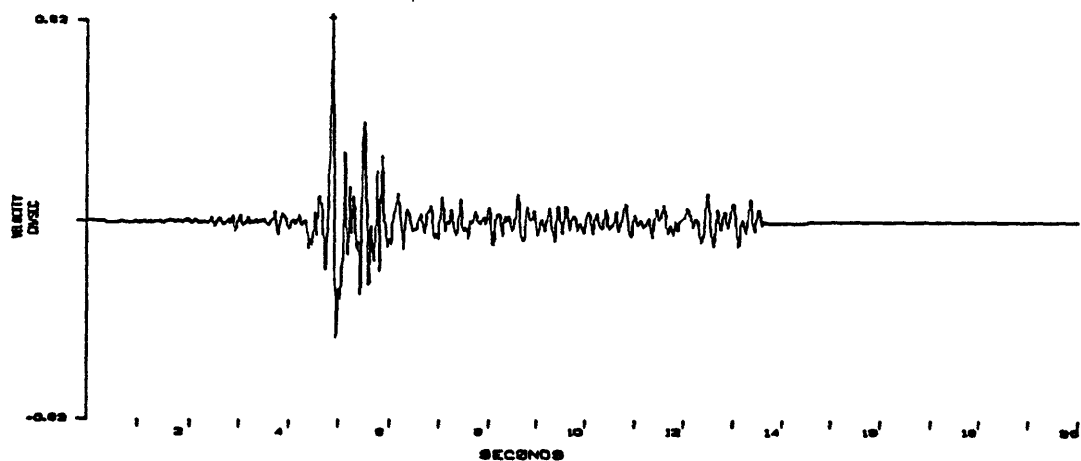
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 270



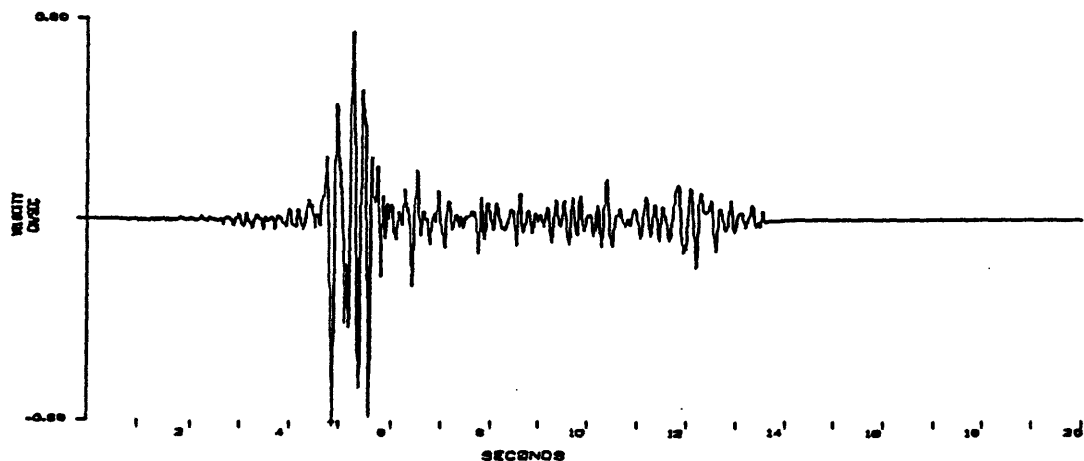
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION NOS. VERT



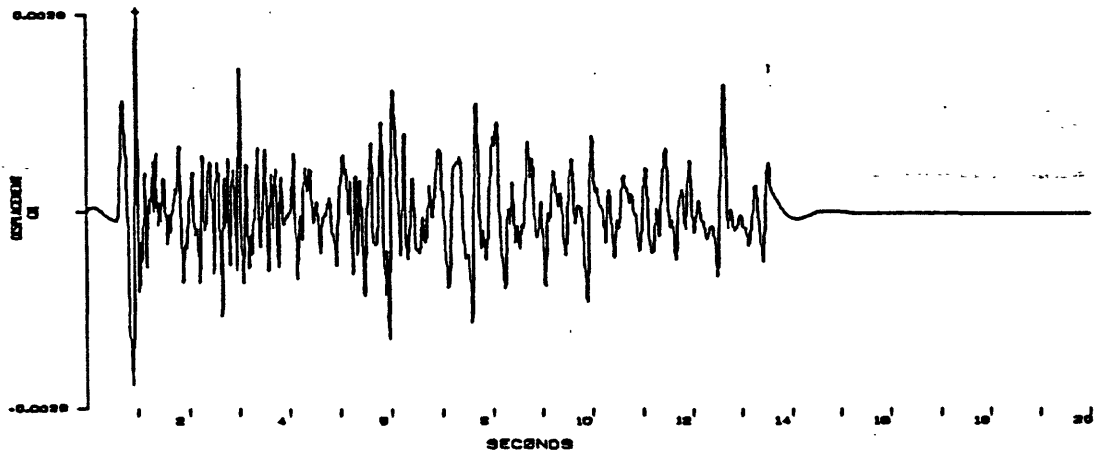
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION NOS. DDD



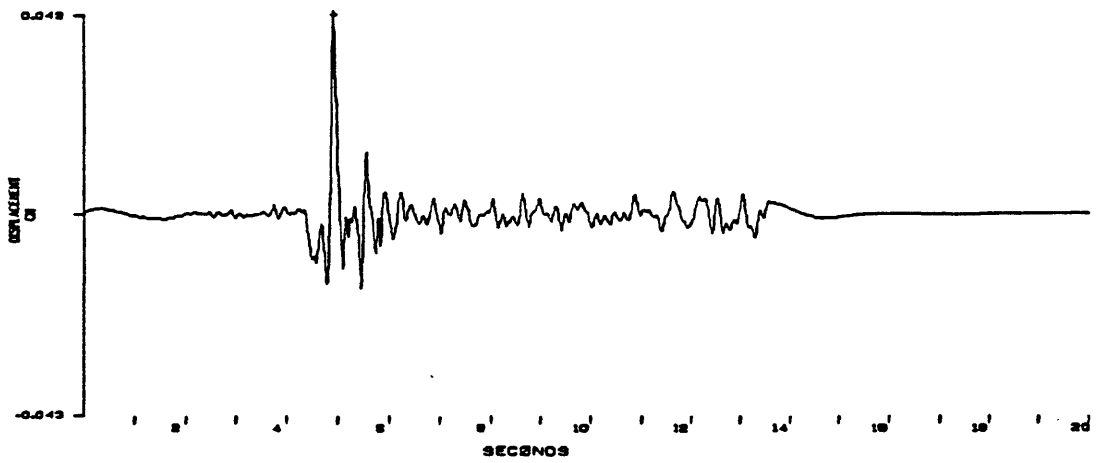
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STATION NOS. ZVS



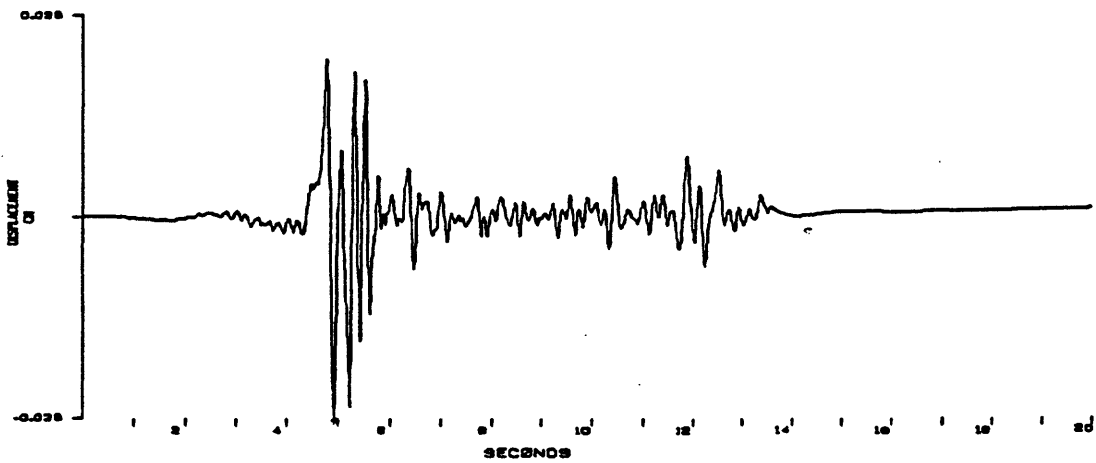
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, VERT



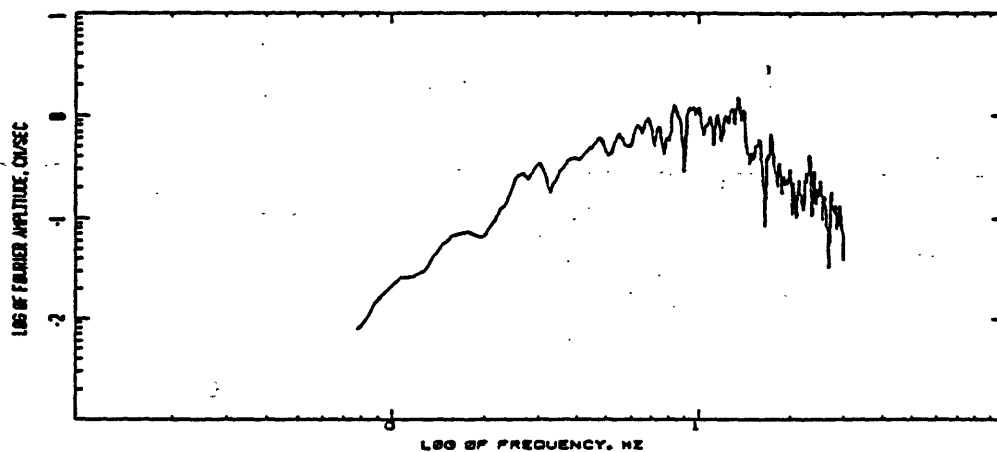
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STATION HUS, DOO



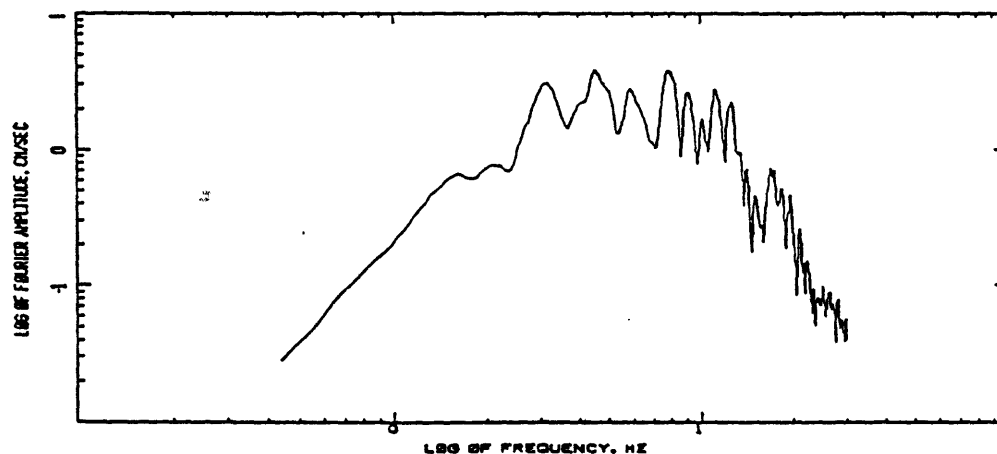
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION HUS, 270



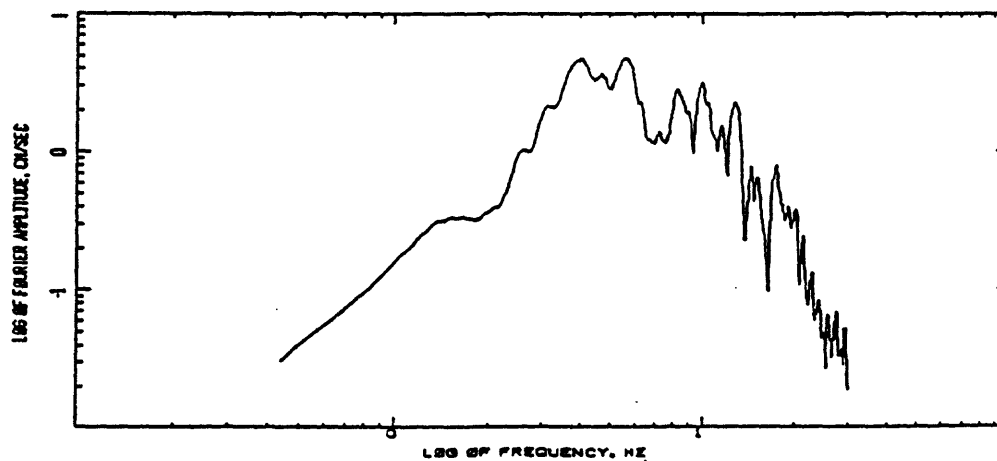
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:25 UTC, ML=3.4
 STATION: 109, 370
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENSIZ



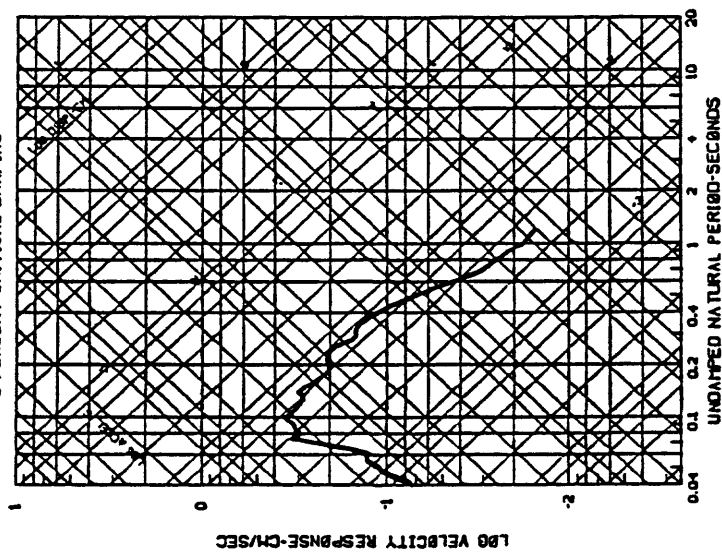
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:25 UTC, ML=3.4
 STATION: 109, 370
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENSIZ



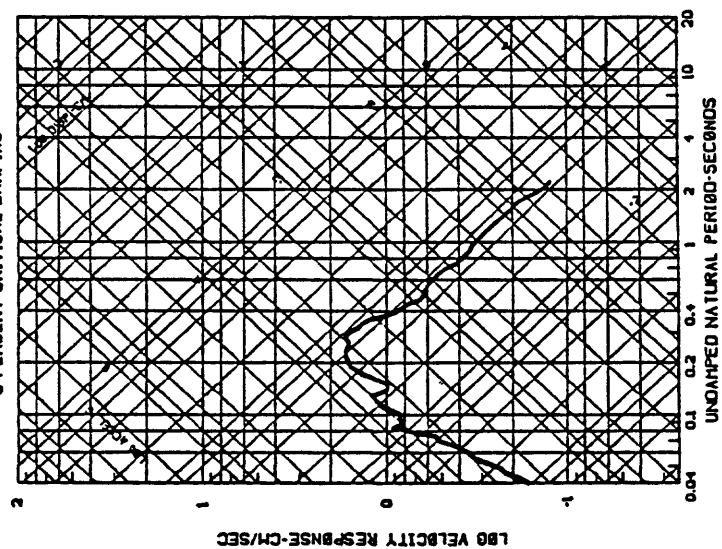
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 10/51/76, 01:43:25 UTC, ML=3.4
 STATION: 109, 370
 COMPUTING OPTIONS: ZCRSS, SMOOTH(10), NENSIZ



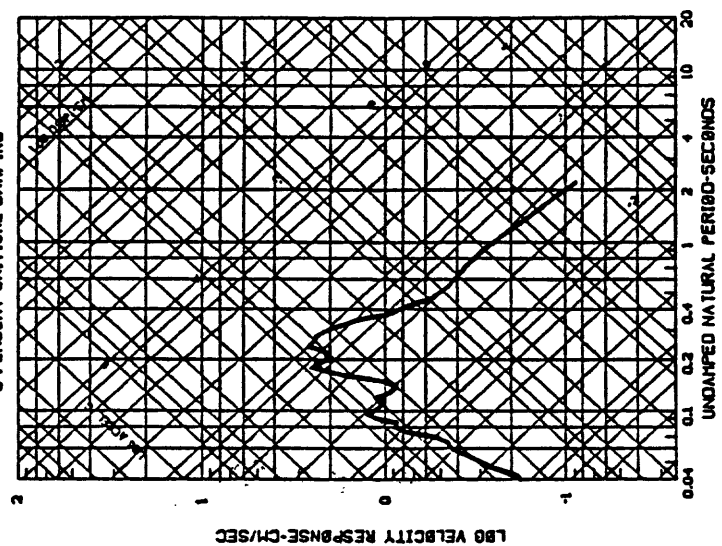
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:33:16 UTC, ML-3.4
 STATION HVS, VERT
 5 PERCENT CRITICAL DAMPING



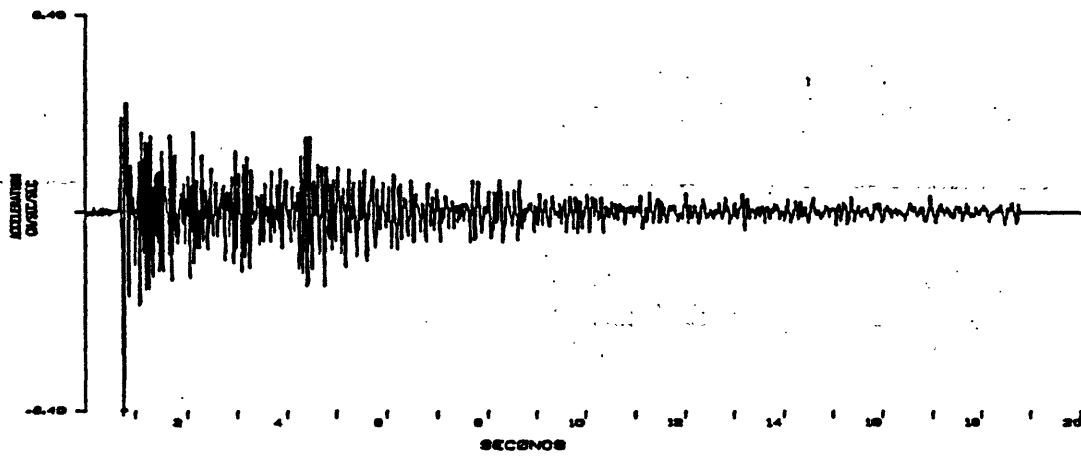
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:33:16 UTC, ML-3.4
 STATION HVS, 000
 5 PERCENT CRITICAL DAMPING



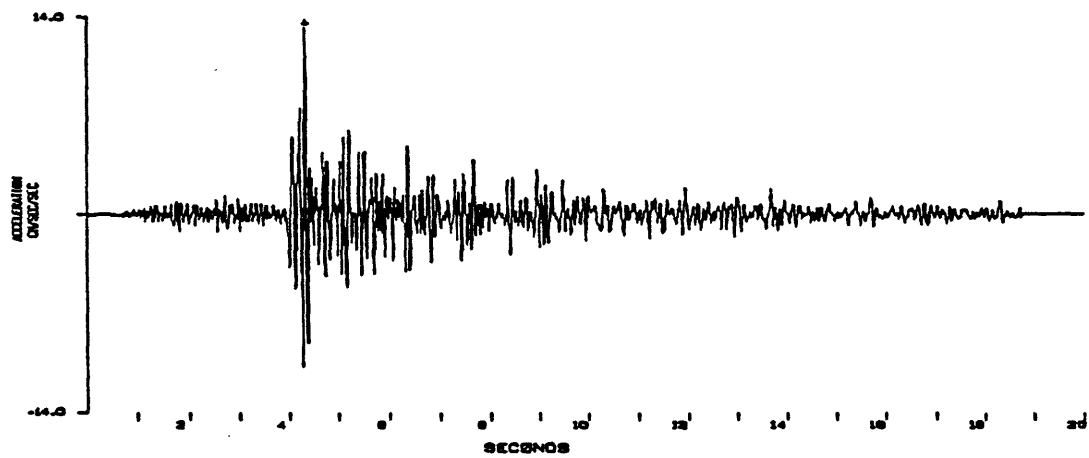
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:33:16 UTC, ML-3.4
 STATION HVS, 270
 5 PERCENT CRITICAL DAMPING



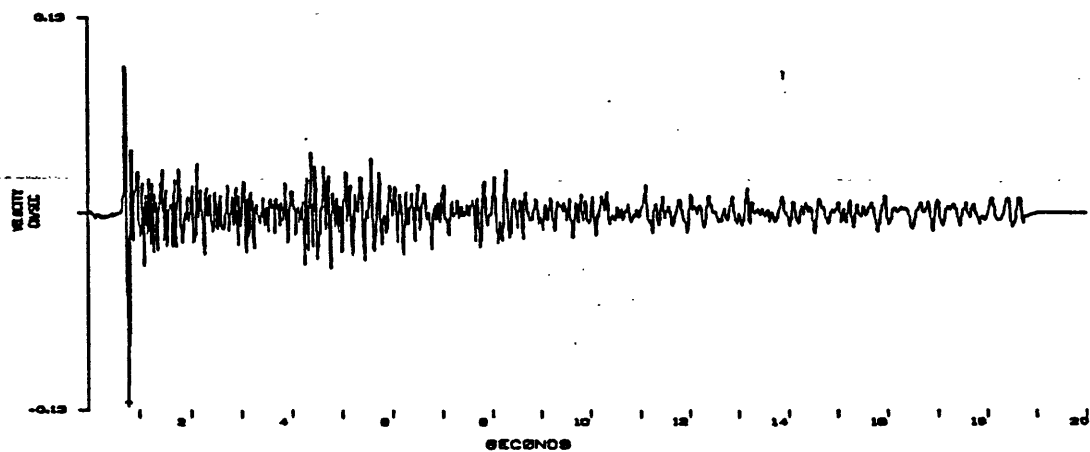
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION IVC, VERT



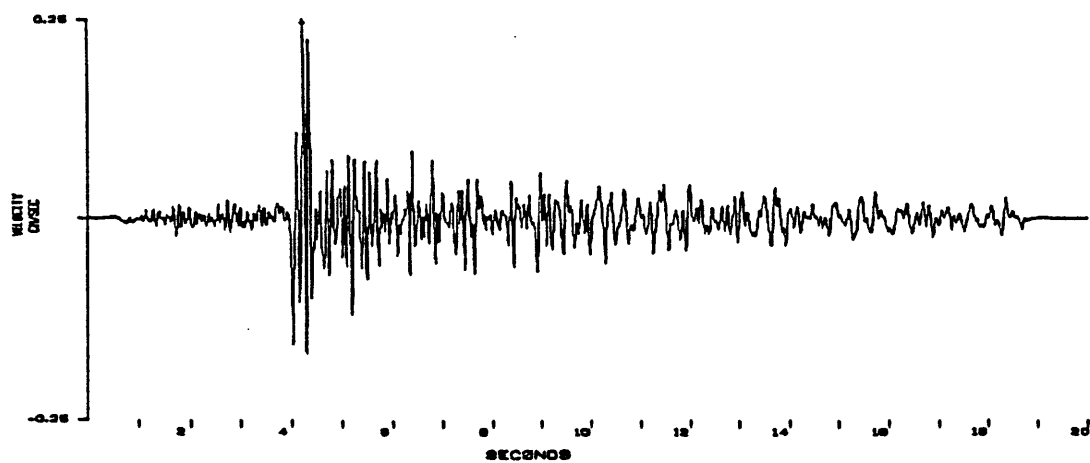
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION IVC, DOB



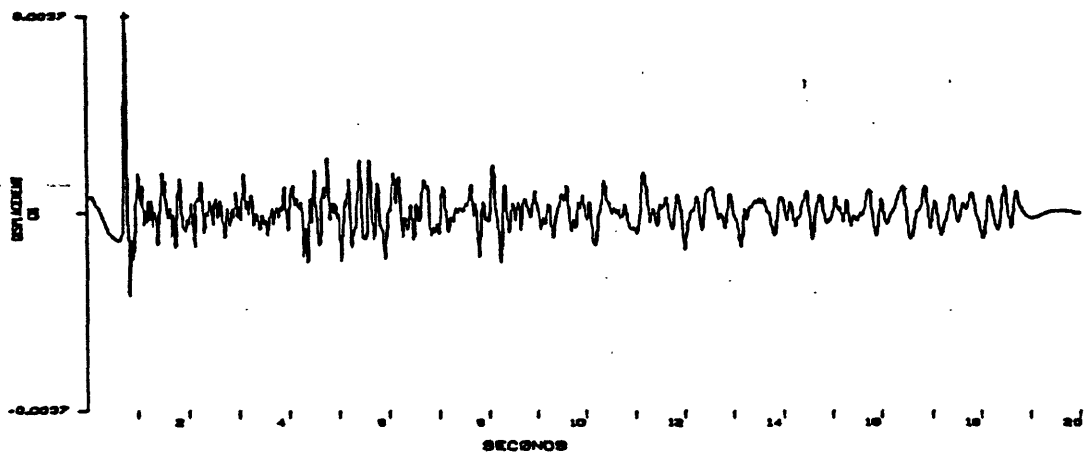
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION 1VC, VERT



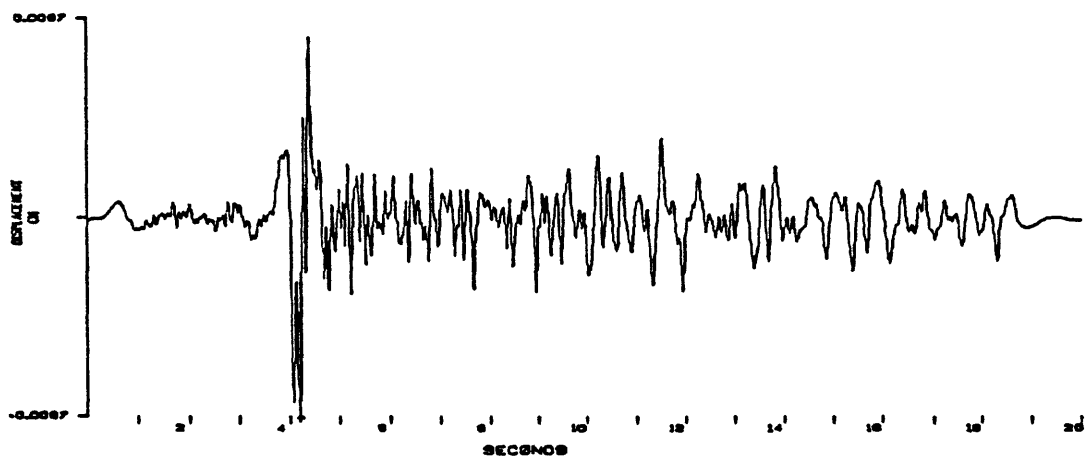
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION 1VC, BOB



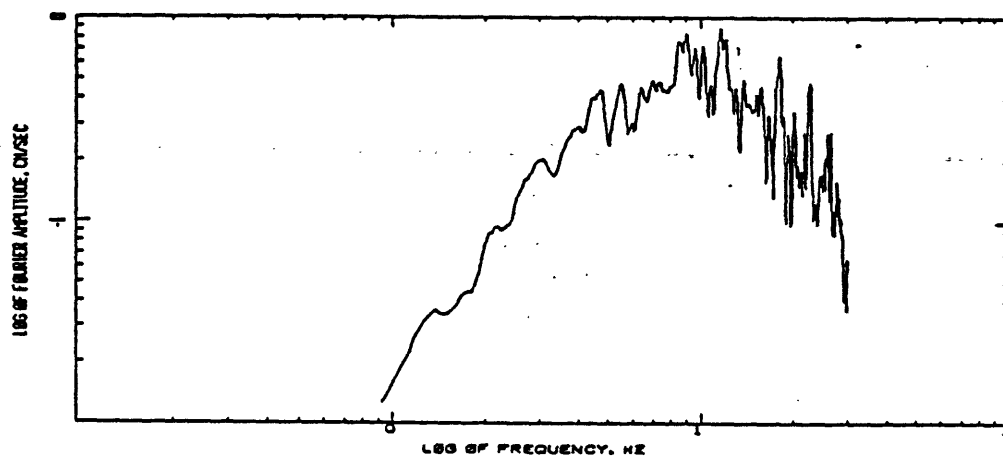
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION 102, VERT



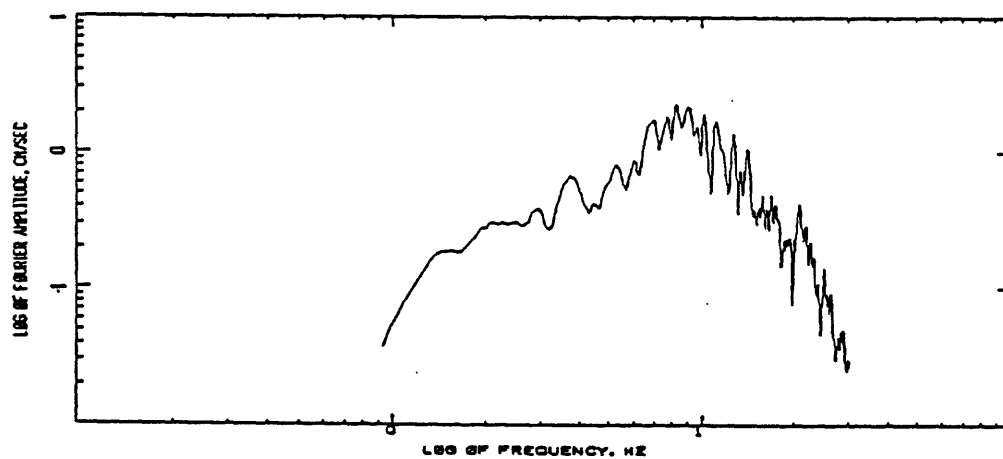
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION 102, DOB



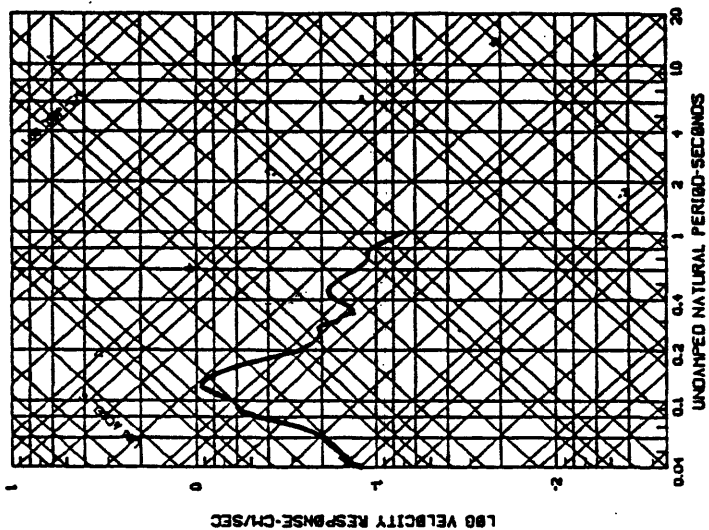
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1979/12/9, 01:43:45 UTC, ML=3.4
 STATION VVC, VERT
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



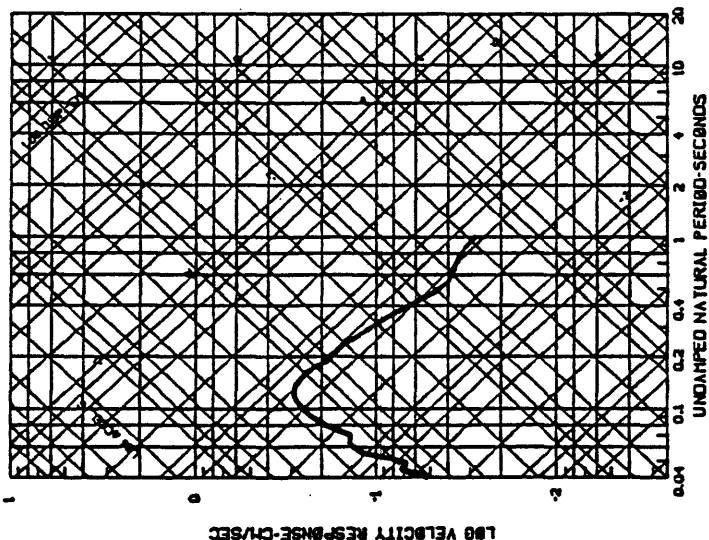
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 1979/12/9, 01:43:45 UTC, ML=3.4
 STATION VVC, HORIZ
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NOISE



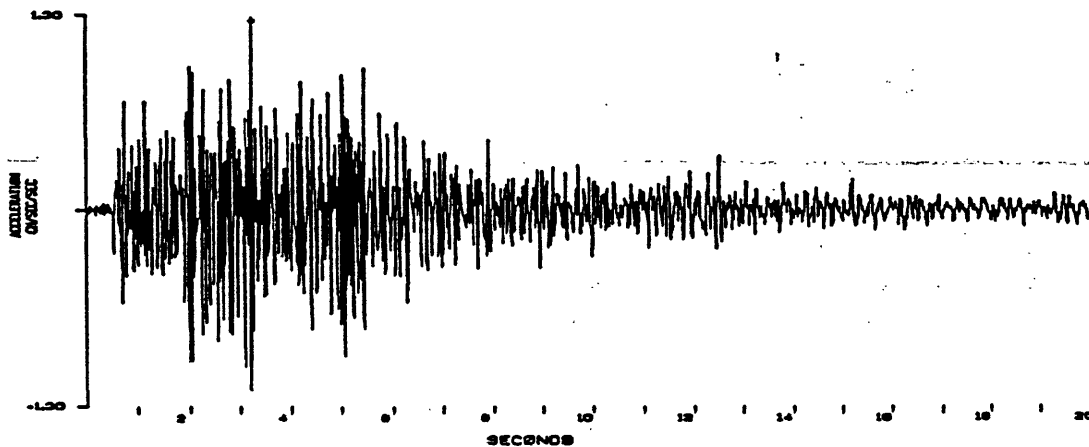
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:10 UTC, ML-3.4
 STATION VC 000
 5 PERCENT CRITICAL DAMPING



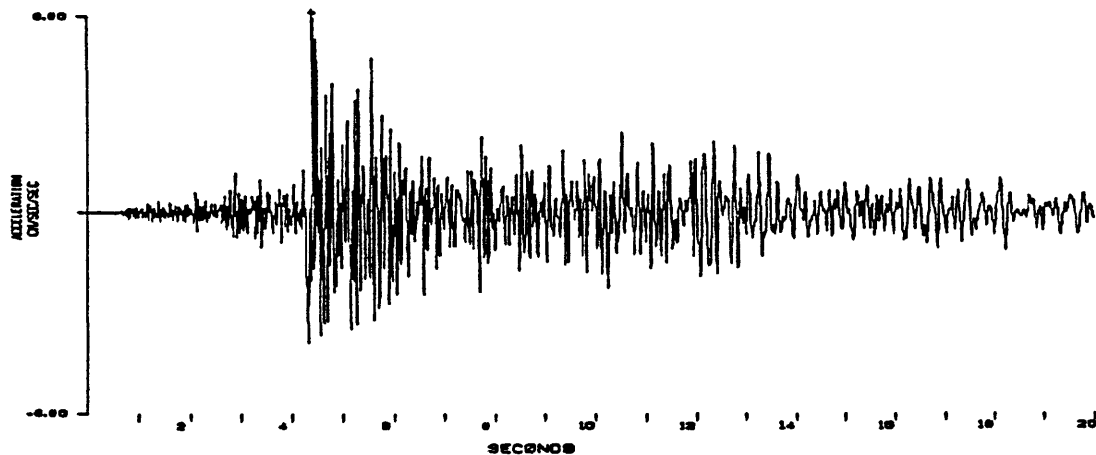
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:10 UTC, ML-3.4
 STATION VC 000
 5 PERCENT CRITICAL DAMPING



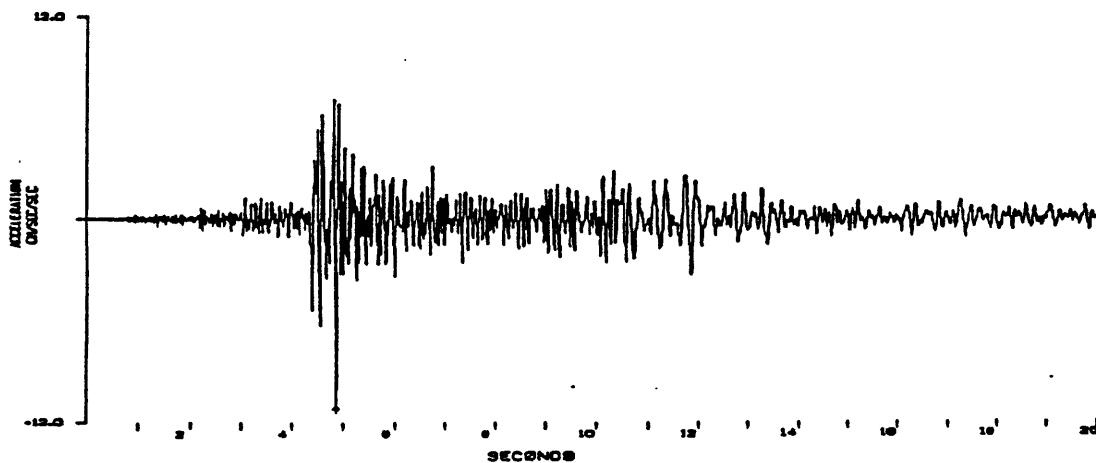
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, VENT



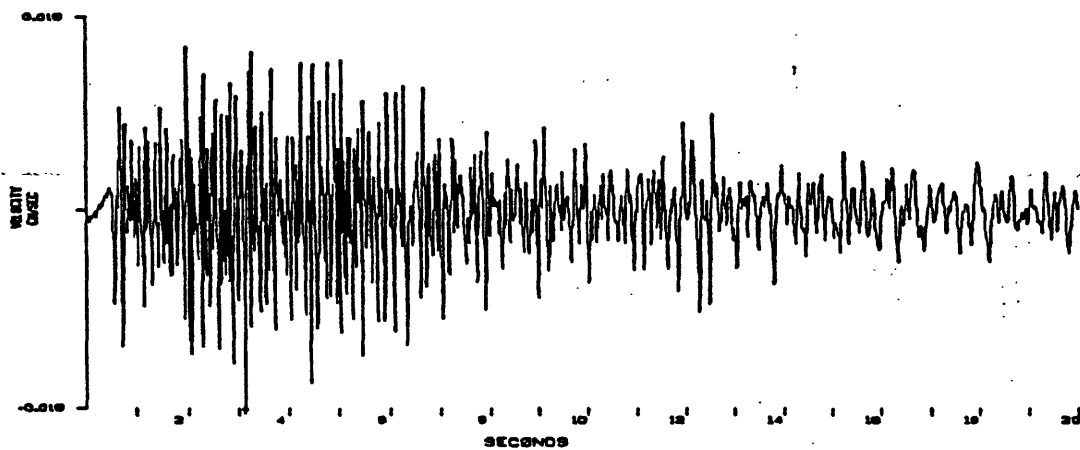
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, OOB



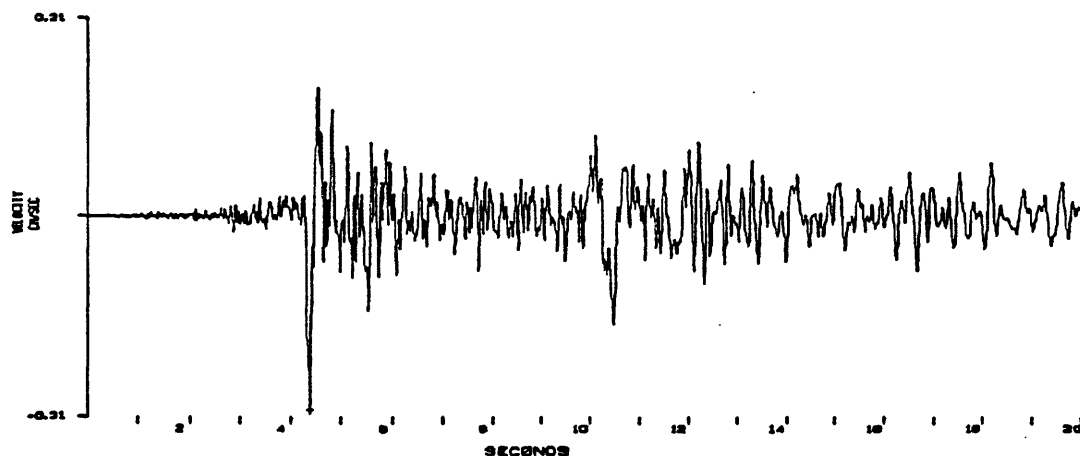
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION R66, OOB



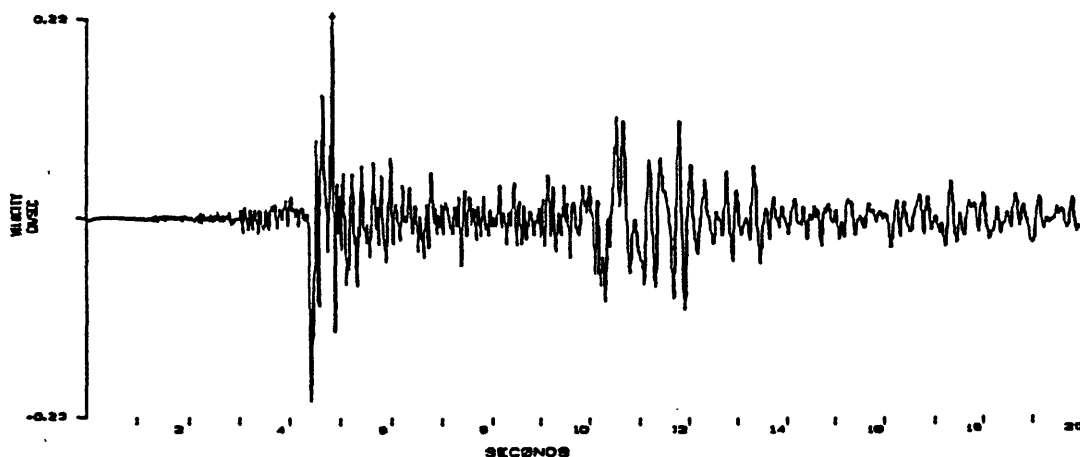
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 01:43:46 UTC, ML-3.4
STATION RBB, VERT



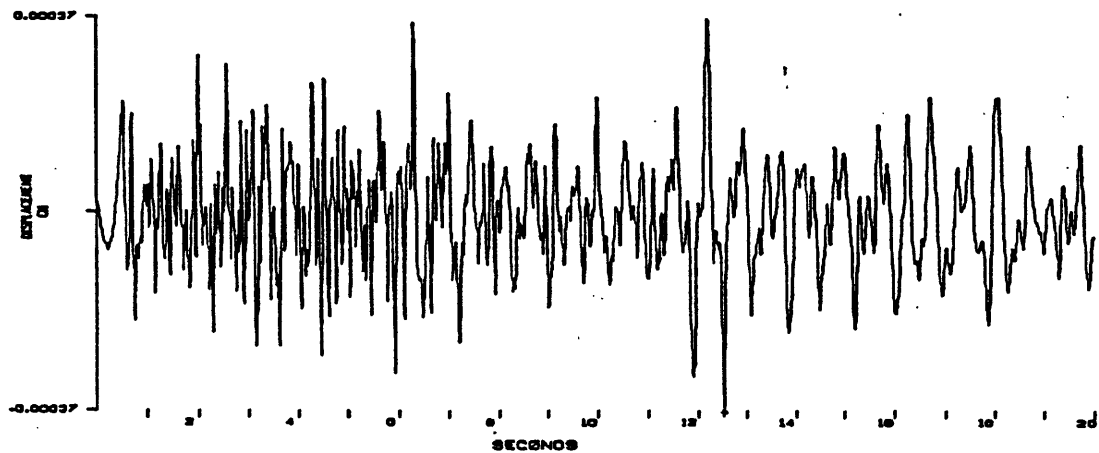
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 01:43:46 UTC, ML-3.4
STATION RBB, OBB



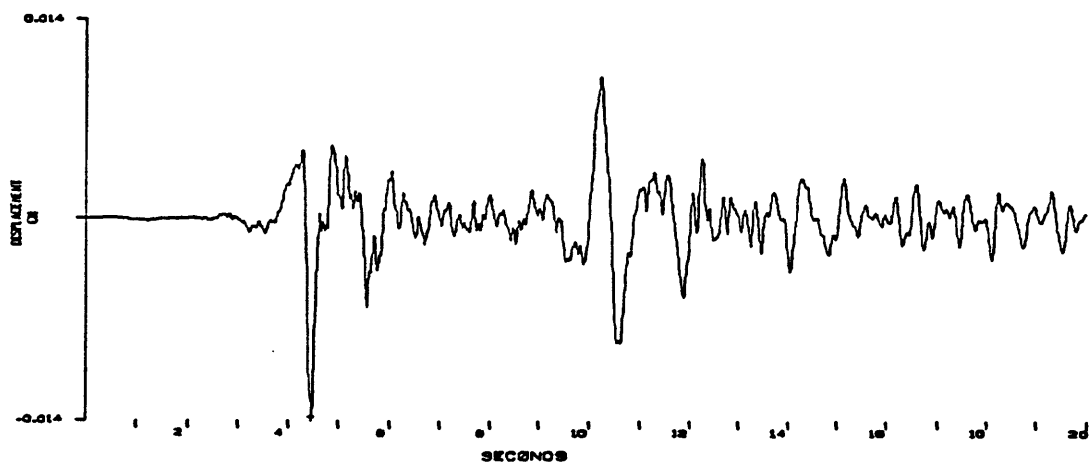
IMPERIAL VALLEY EARTHQUAKE, 10/31/70, 01:43:46 UTC, ML-3.4
STATION RBB, OBB



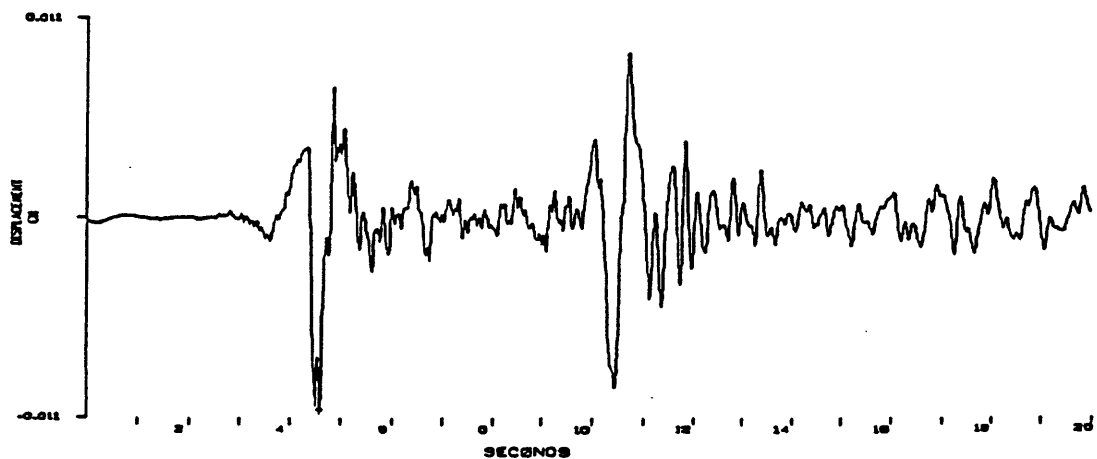
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, CENT



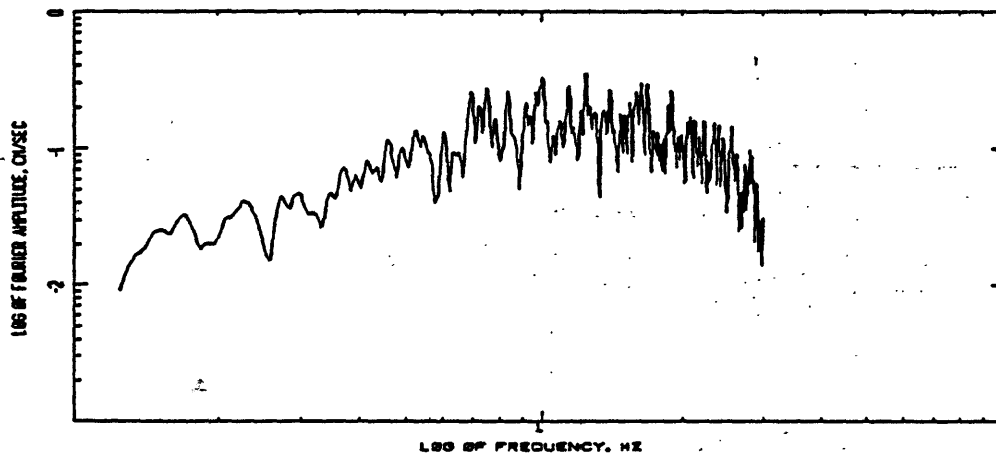
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, GDB



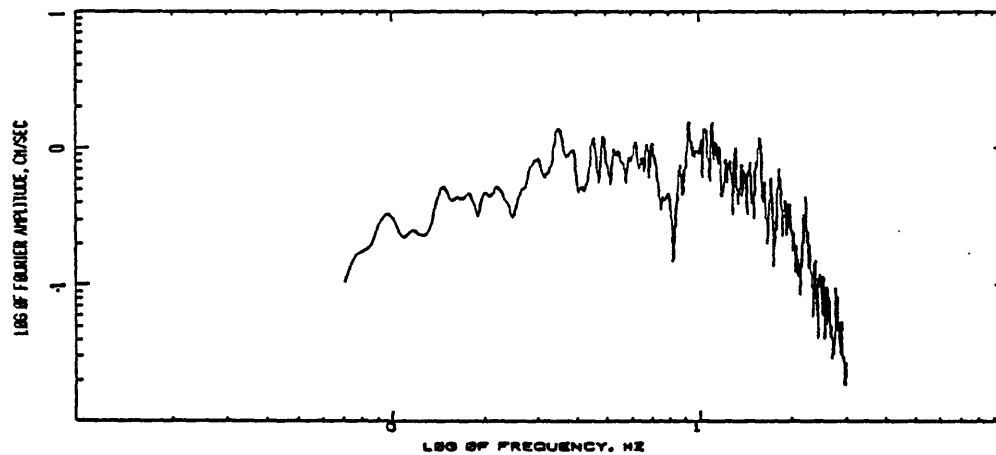
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION RBB, GDB



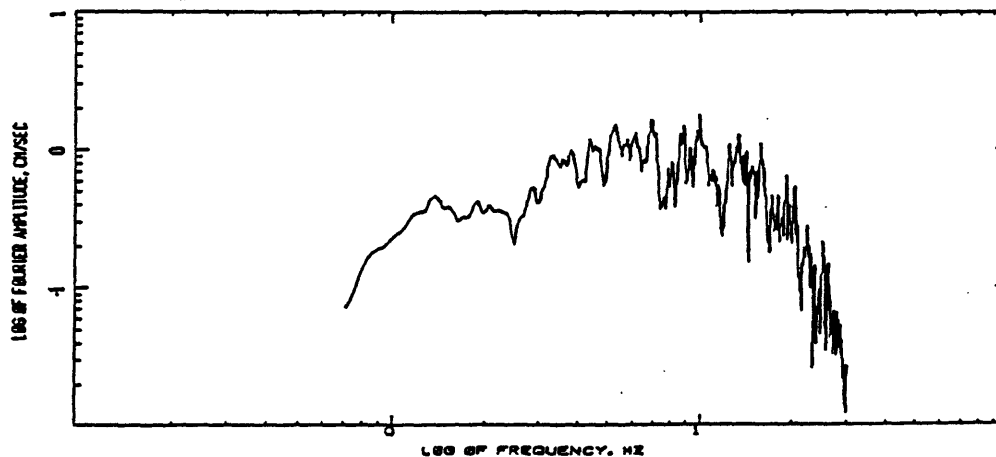
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1973/12/9, 11:43:18 UTC, ML=3.4
 STATION 389, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



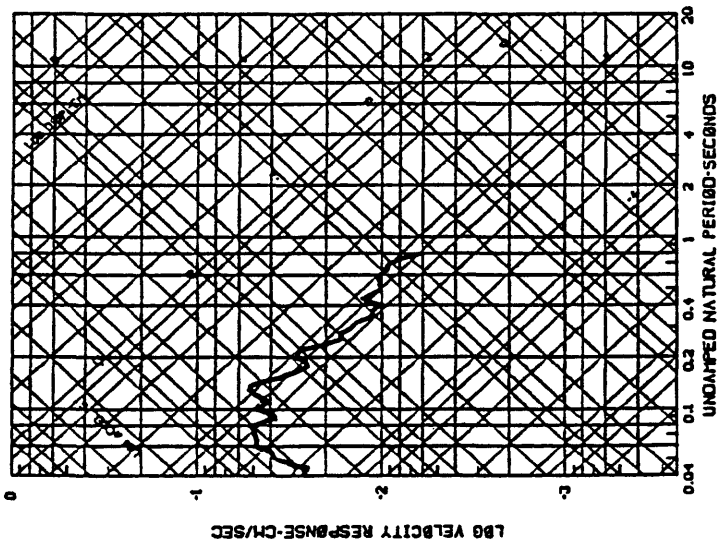
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1973/12/9, 11:43:18 UTC, ML=3.4
 STATION 389, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



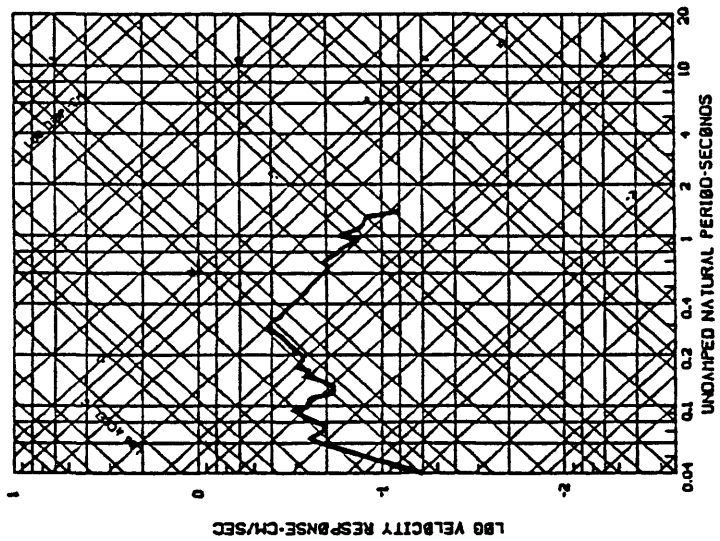
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE 1973/12/9, 11:43:18 UTC, ML=3.4
 STATION 389, 000
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



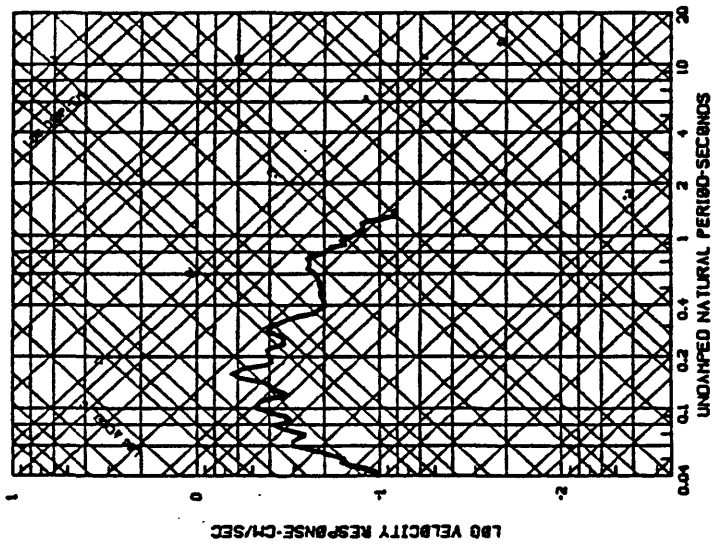
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 803, 0.001 PERCENT CRITICAL DAMPING



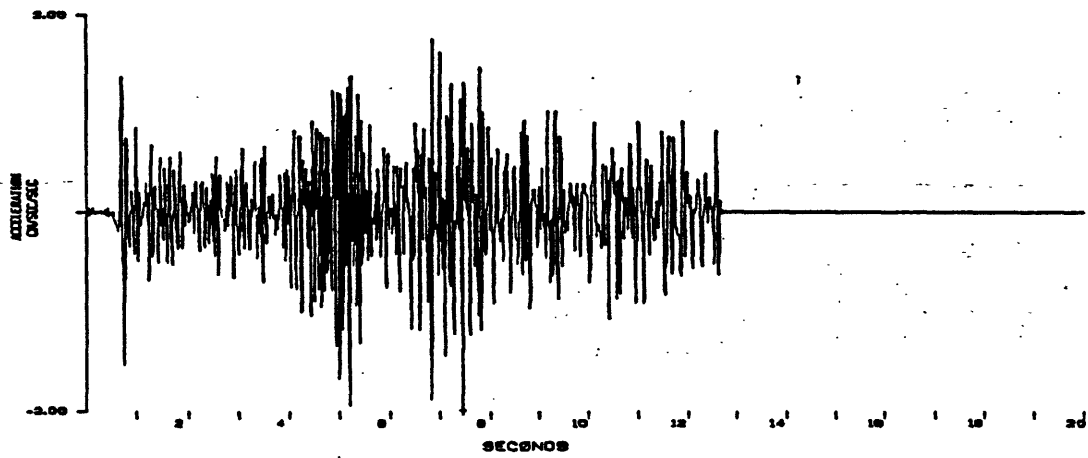
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 803, 0.001 PERCENT CRITICAL DAMPING



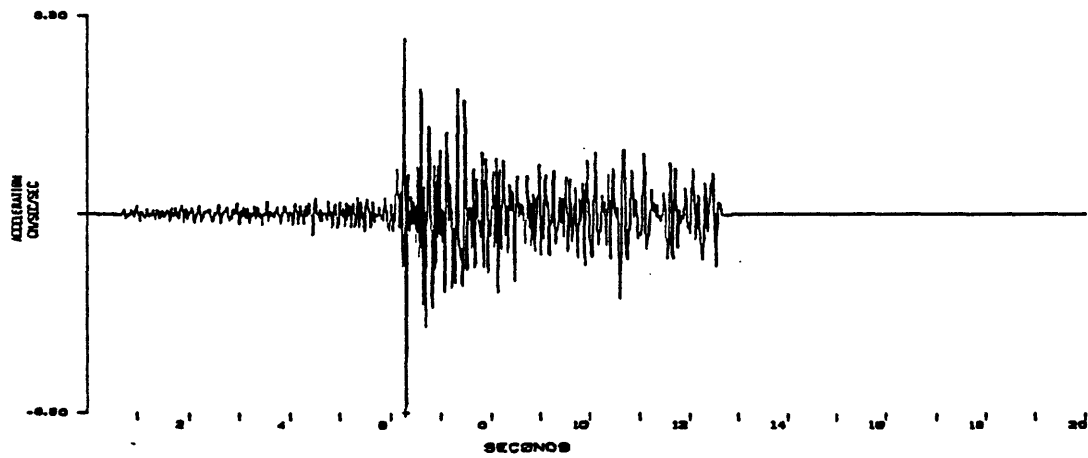
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 10/17/79, 11:43:40 UTC, ML-3.4
 STATION 803, 0.001 PERCENT CRITICAL DAMPING



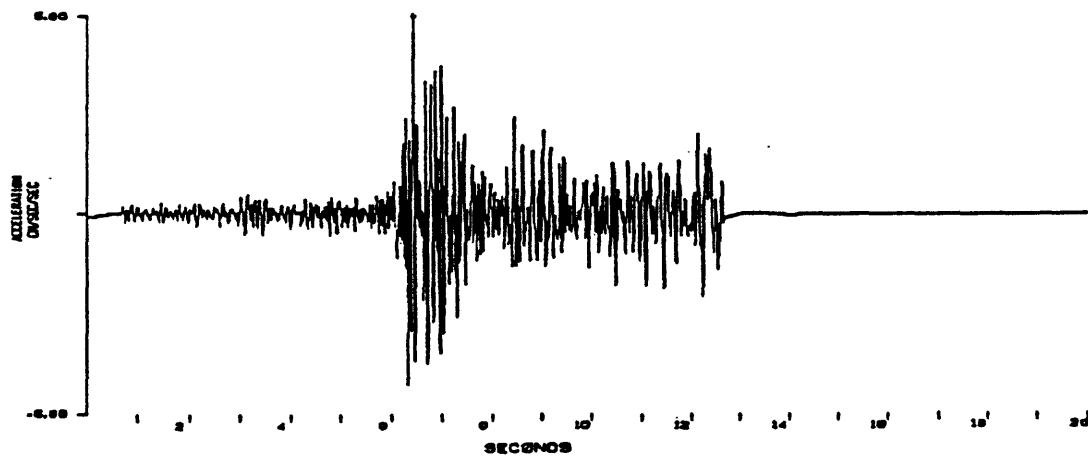
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, 9247



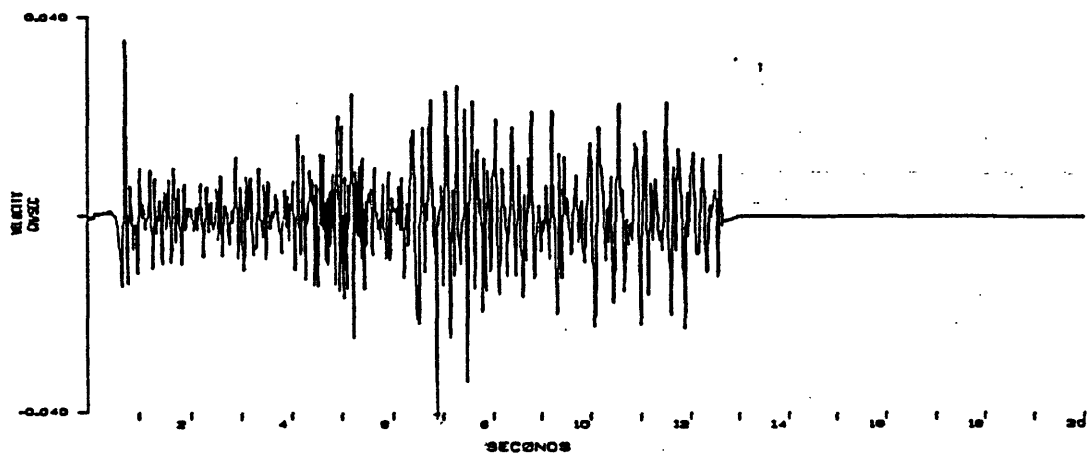
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, 600



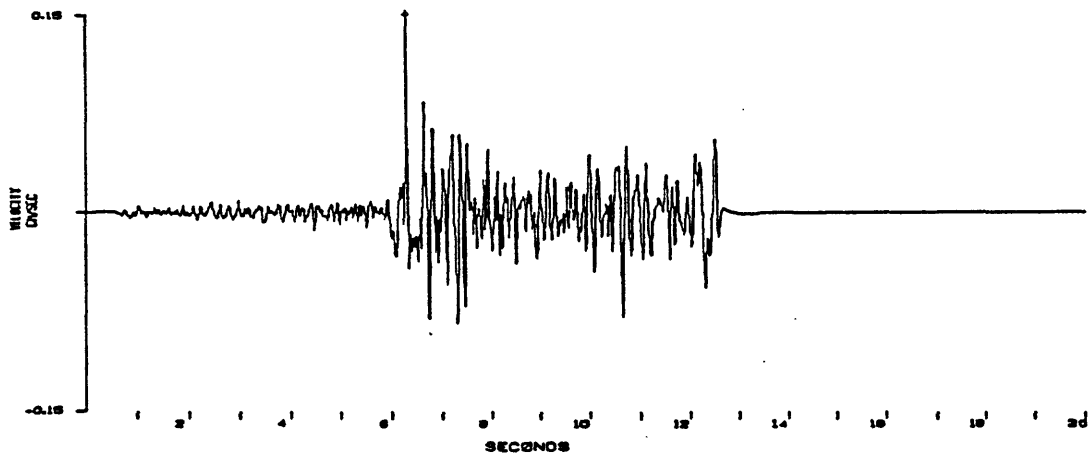
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, 270



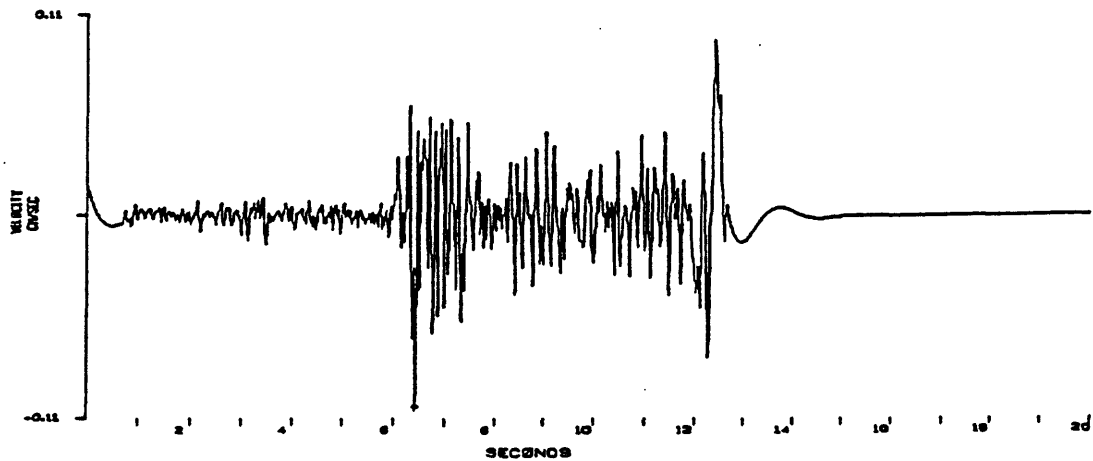
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION ELO, VERT



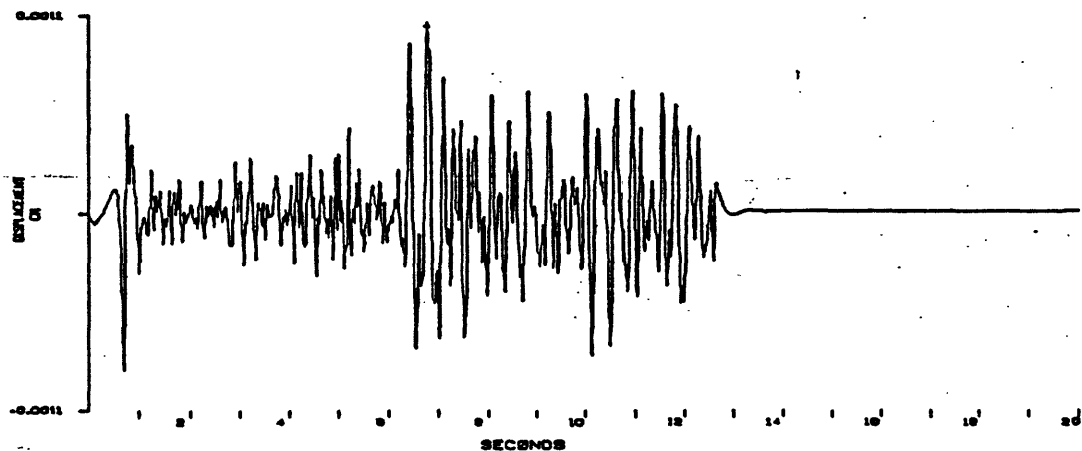
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION ELO, DDD



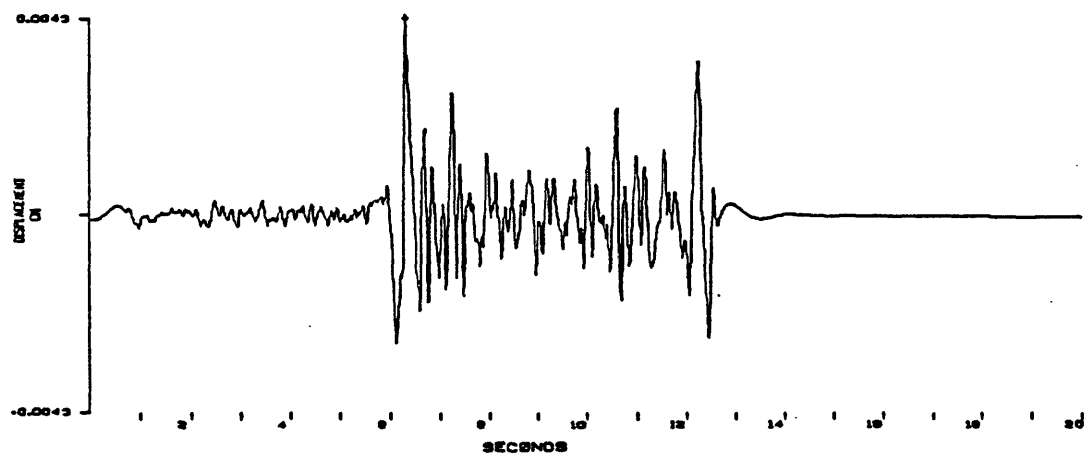
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION ELO, 270



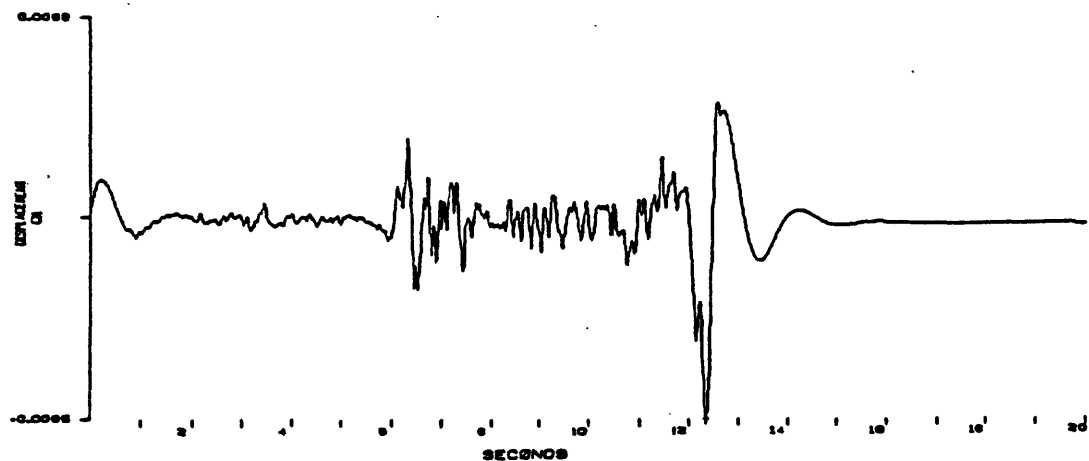
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, VERT



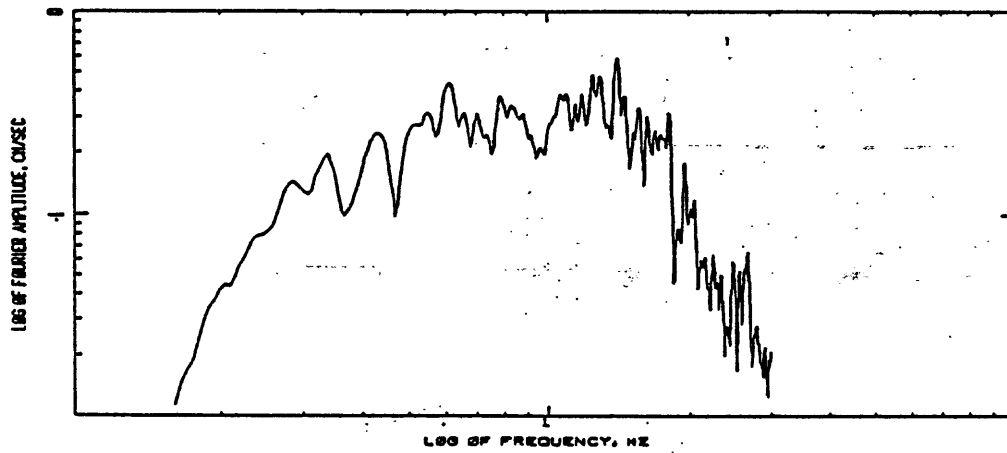
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, DDD



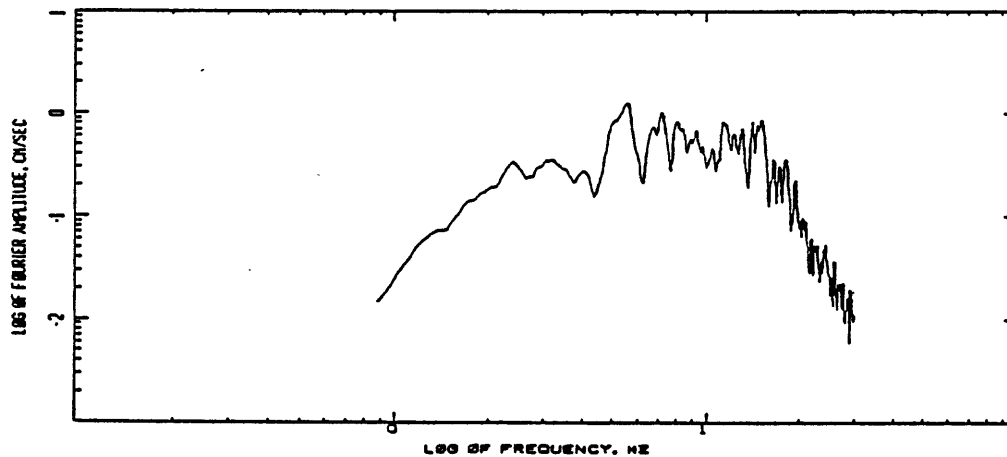
IMPERIAL VALLEY EARTHQUAKE, 10/31/79, 11:43:48 UTC, ML-3.4
STATION SLD, Z70



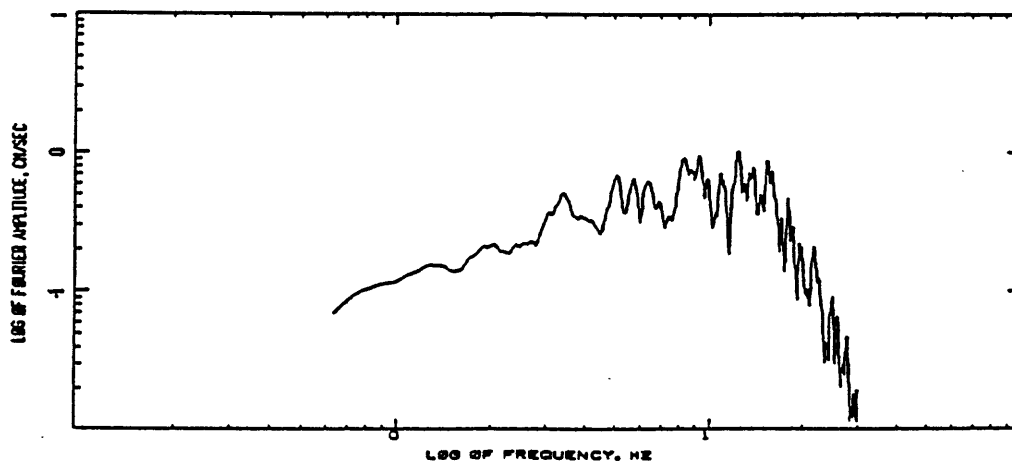
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 073126, 114345 UTC, ML-3.4
 STATION 310, 300
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



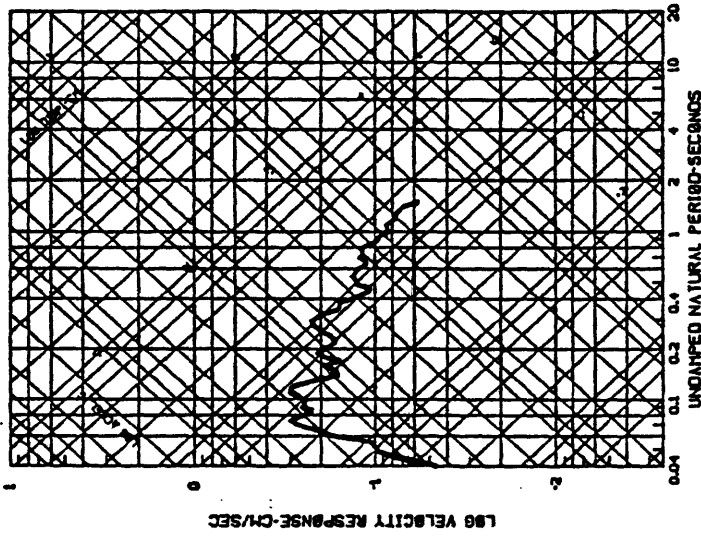
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 073126, 114345 UTC, ML-3.4
 STATION 310, 300
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



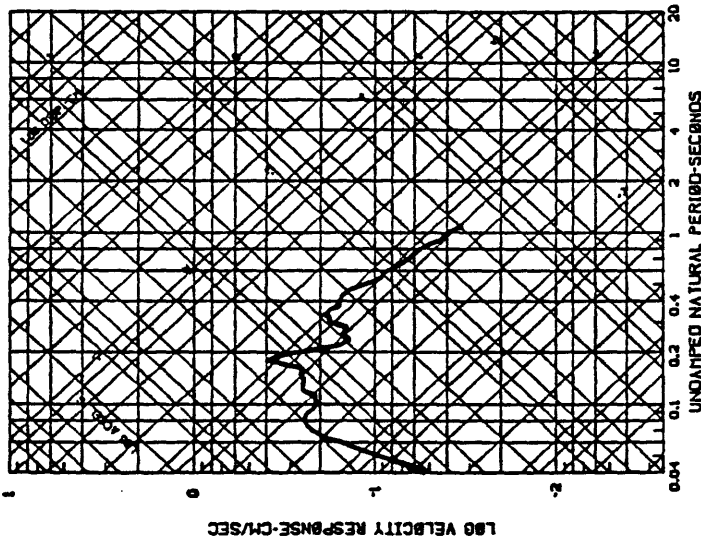
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 073126, 114345 UTC, ML-3.4
 STATION 310, 300
 COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



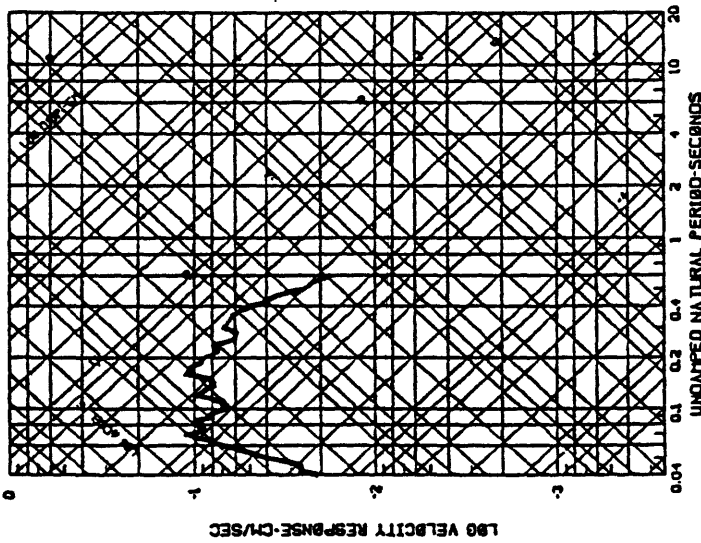
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. 270
 5 PERCENT CRITICAL DAMPING



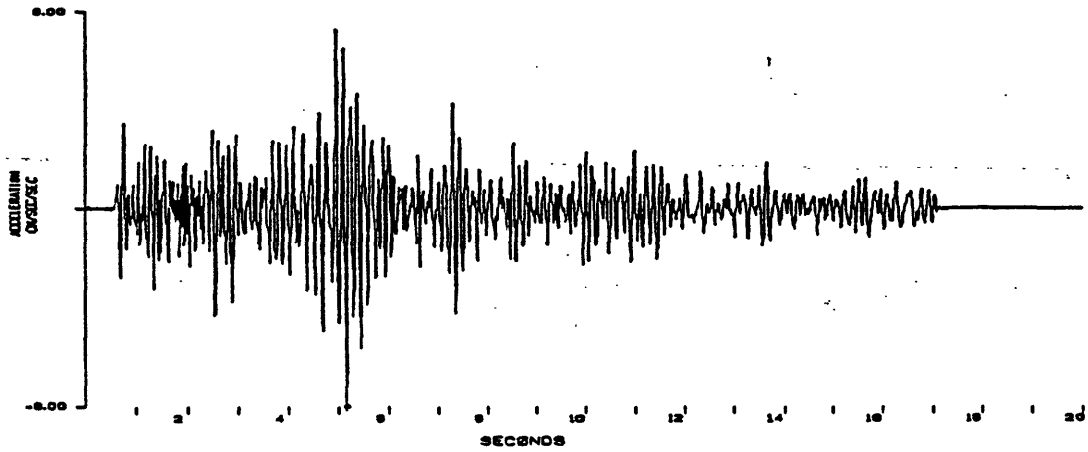
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. 000
 5 PERCENT CRITICAL DAMPING



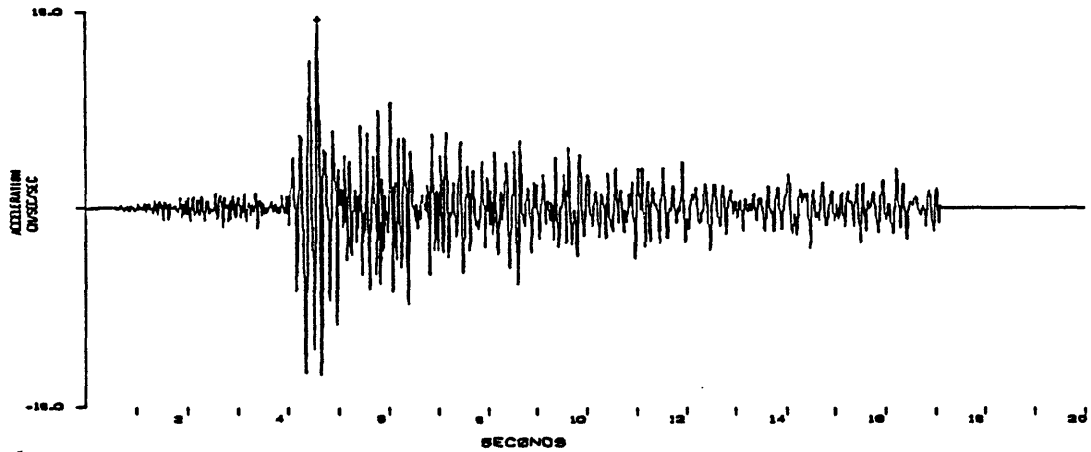
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 07/31/79, 11:43:16 UTC, ML-3.4
 STATION S.D. VERI
 5 PERCENT CRITICAL DAMPING



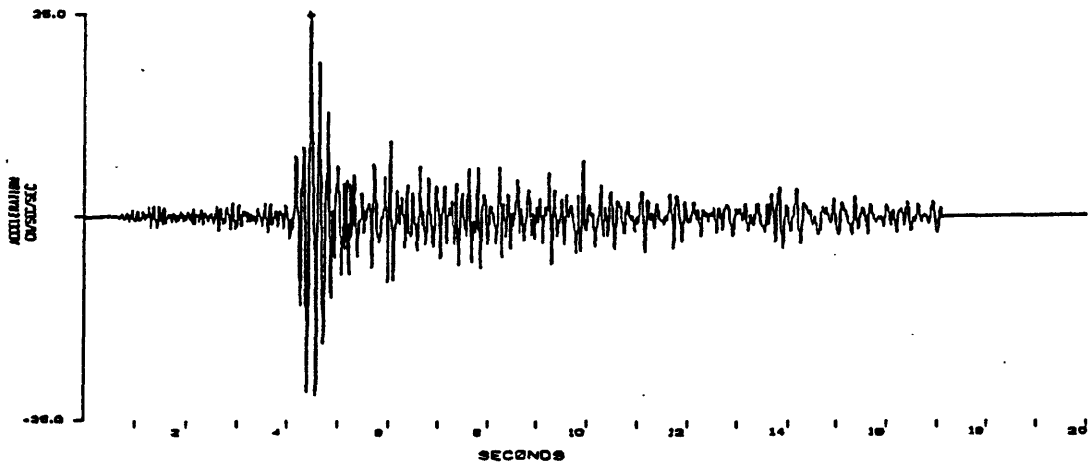
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, VERT



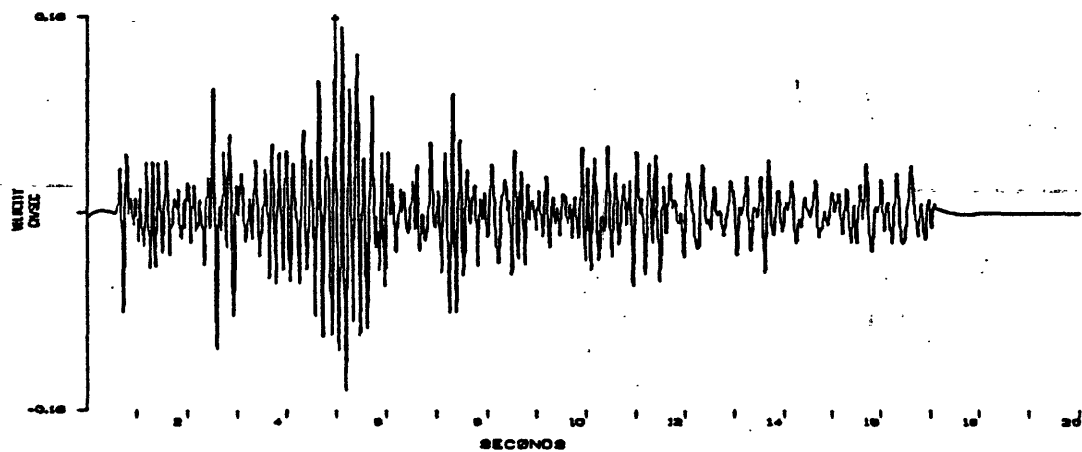
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, OOD



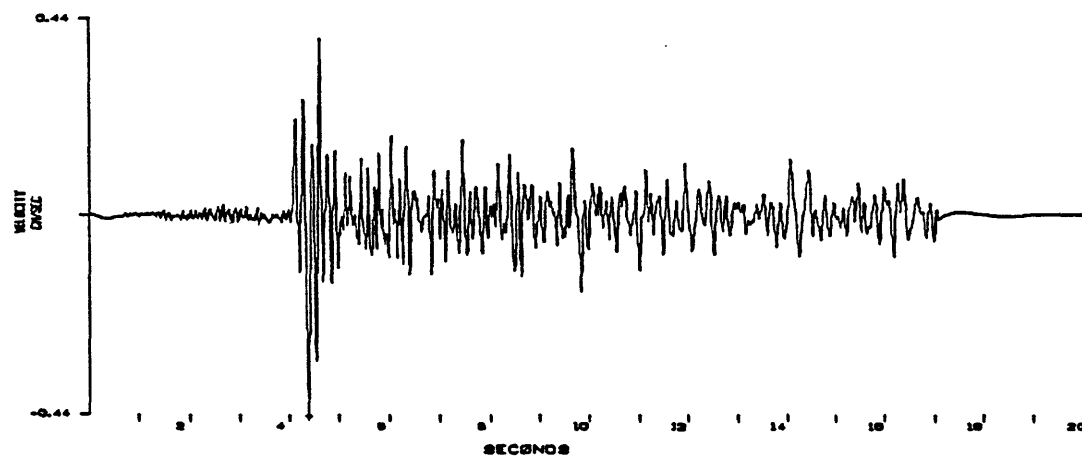
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFS, 270



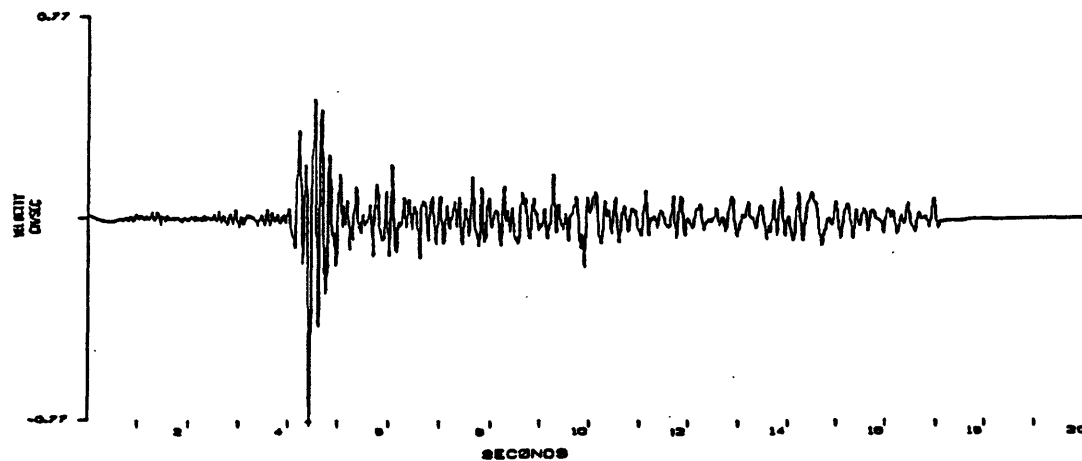
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFG, 947



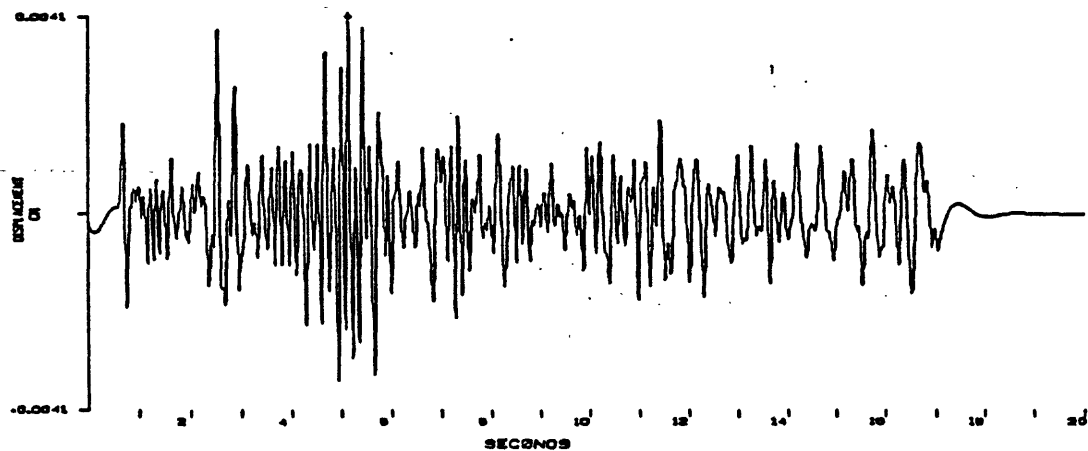
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFG, 000



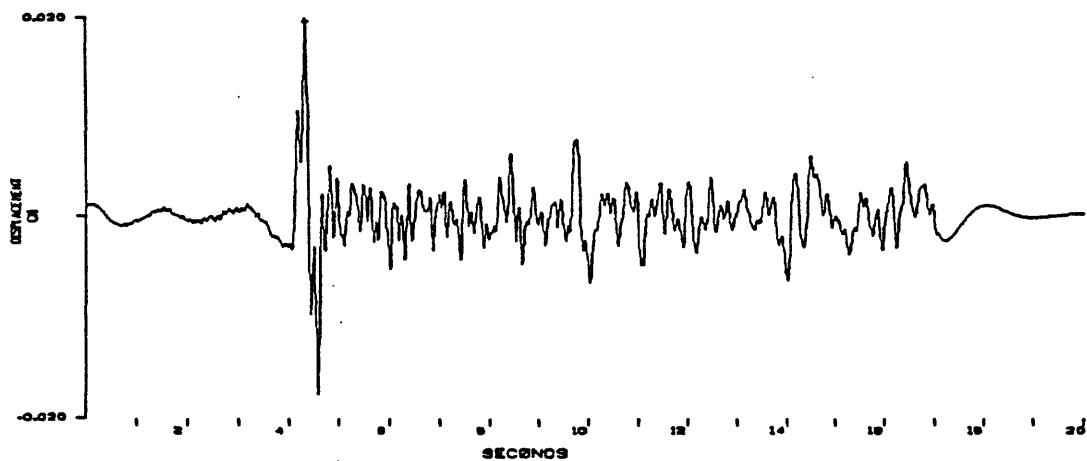
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFG, 270



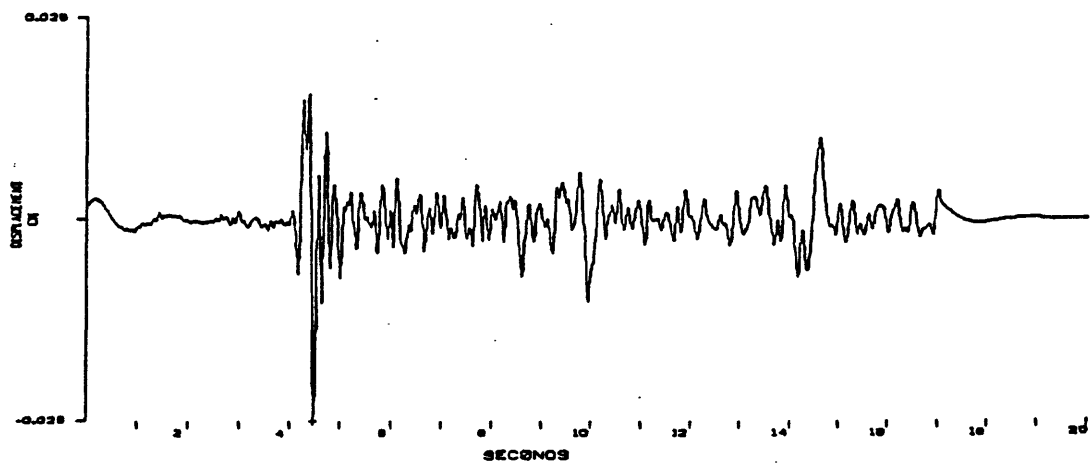
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, VER



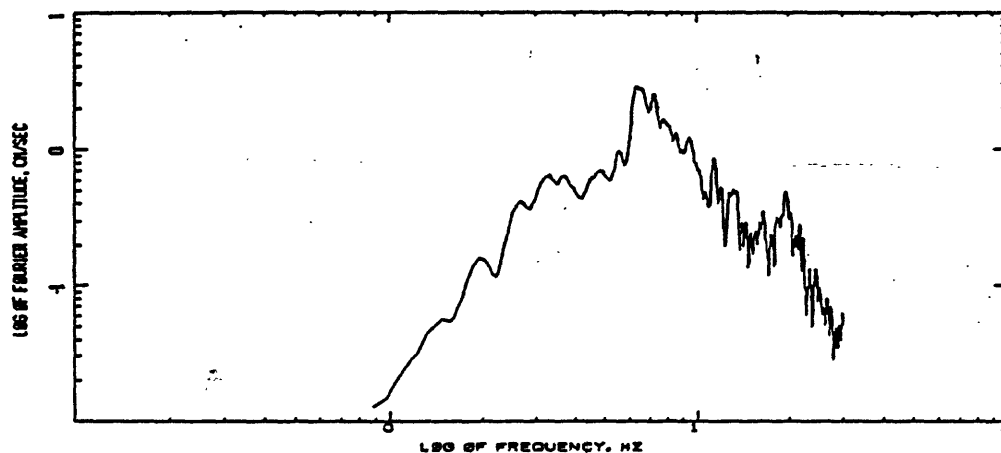
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, OGG



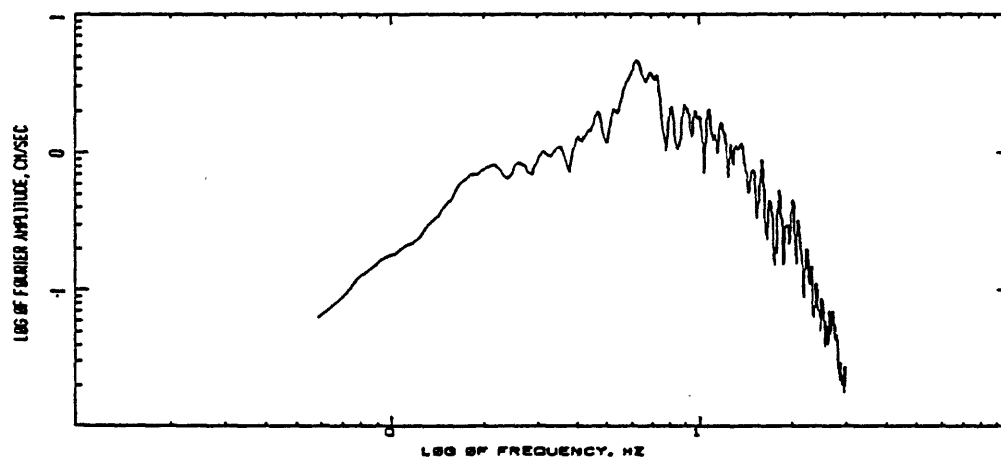
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION AFB, 270



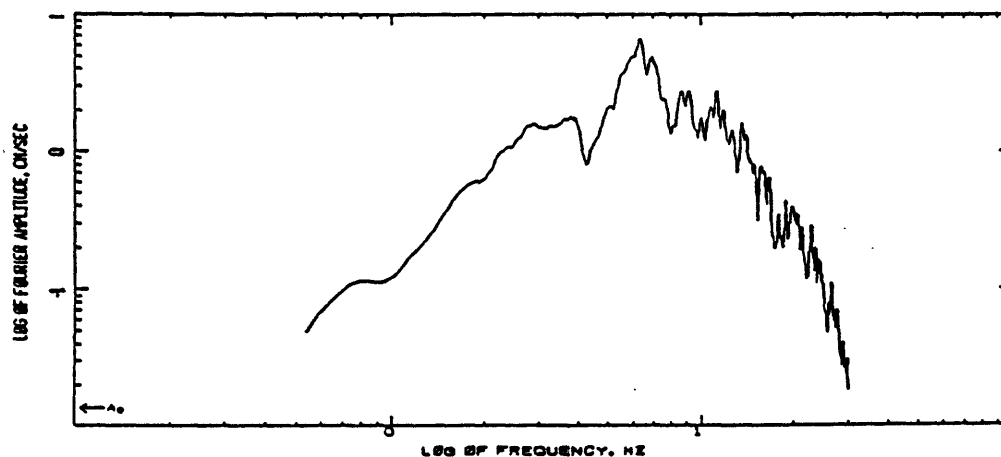
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.9
STATION AFB, 001
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



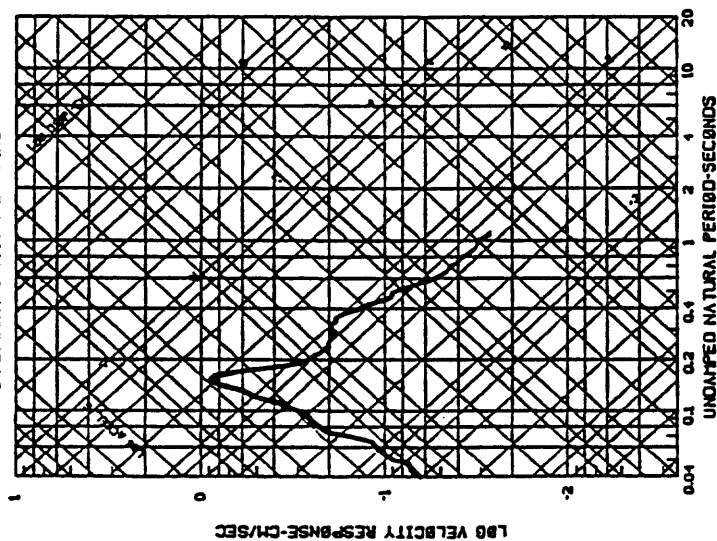
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.9
STATION AFB, 001
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



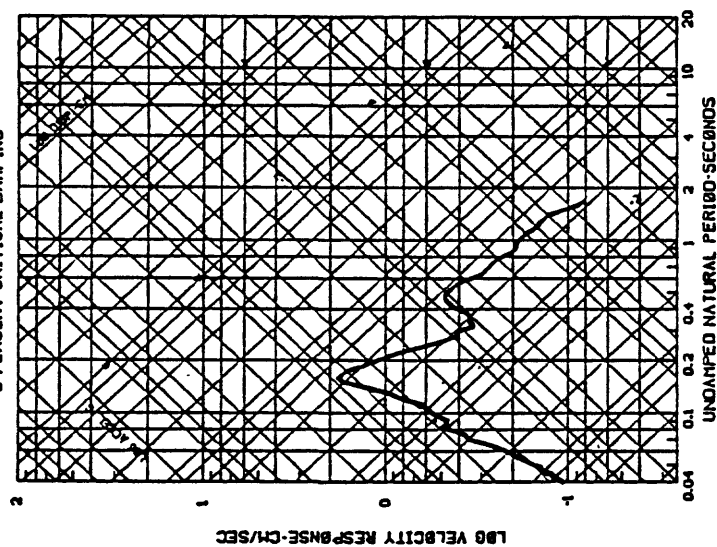
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 11/24/79, 07:13:50 UTC, ML=3.9
STATION AFB, 001
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



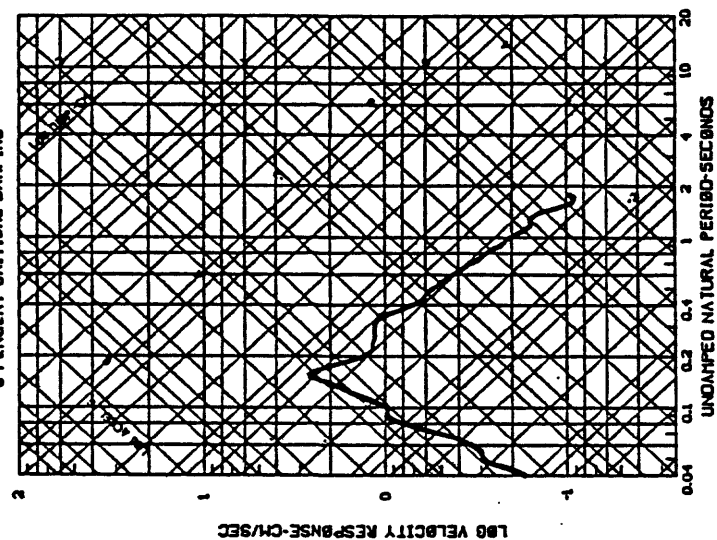
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M_L-3.5
 STATION AFB, VER 1000
 5 PERCENT CRITICAL DAMPING



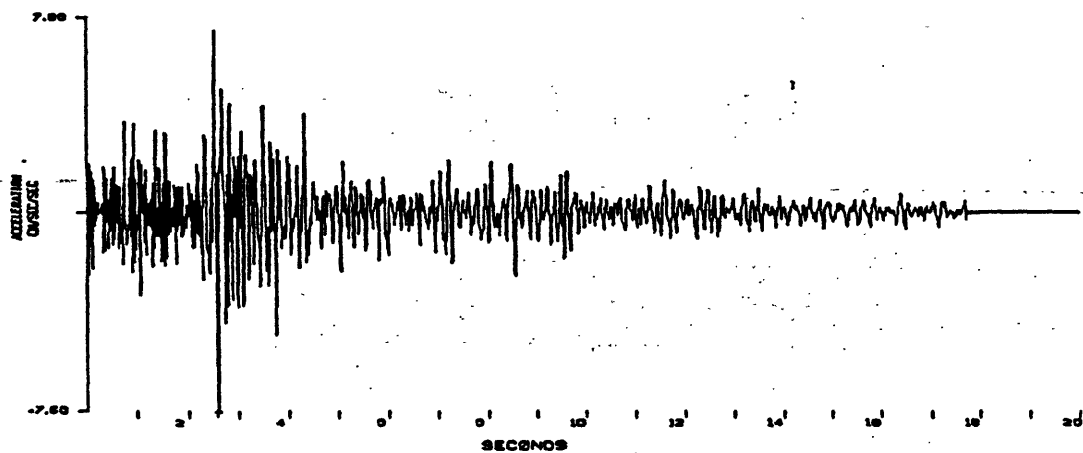
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M_L-3.5
 STATION AFB, VER 1000
 5 PERCENT CRITICAL DAMPING



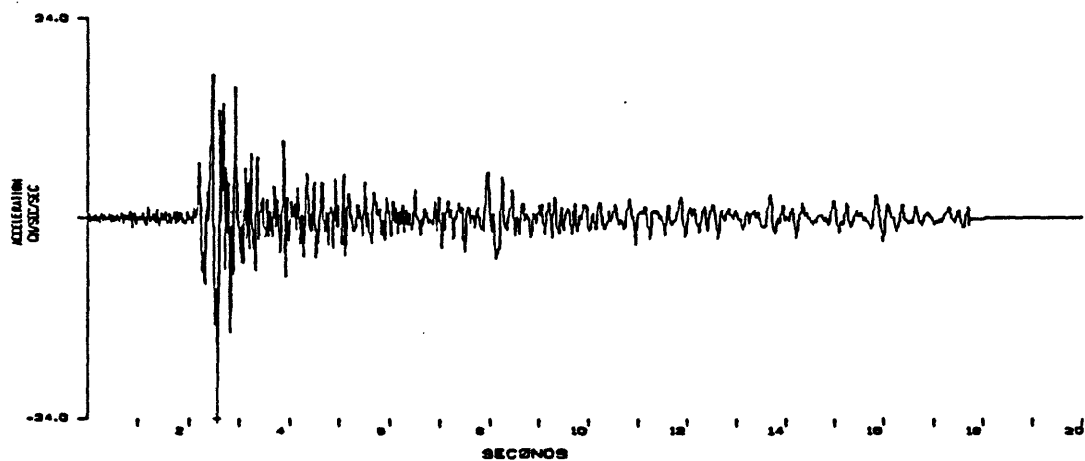
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M_L-3.5
 STATION AFB, VER 1000
 5 PERCENT CRITICAL DAMPING



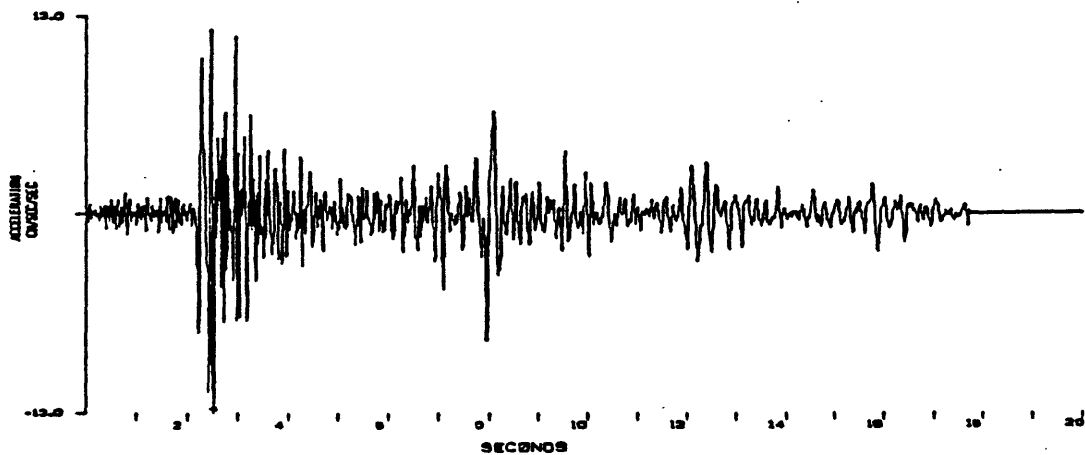
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 12:03:00 UTC, ML-3.8
STATION CRK, VERT



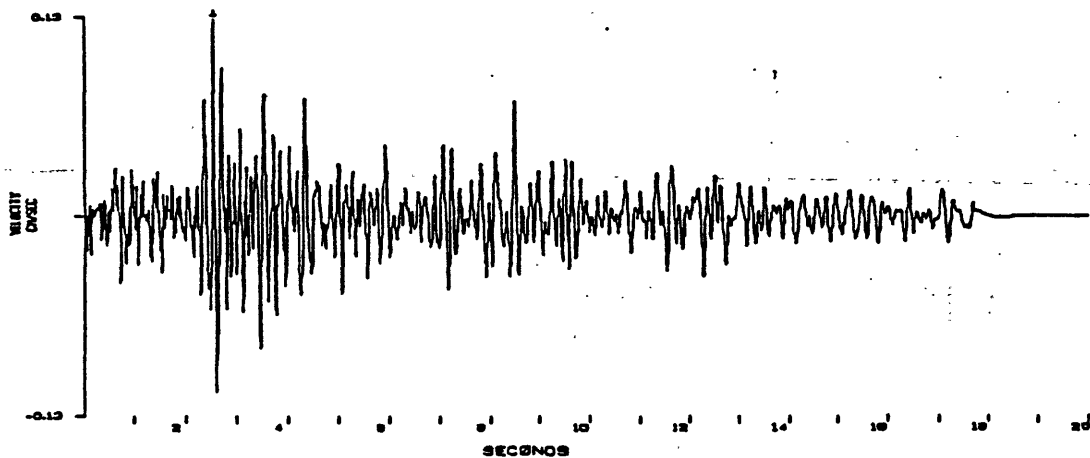
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, ODD



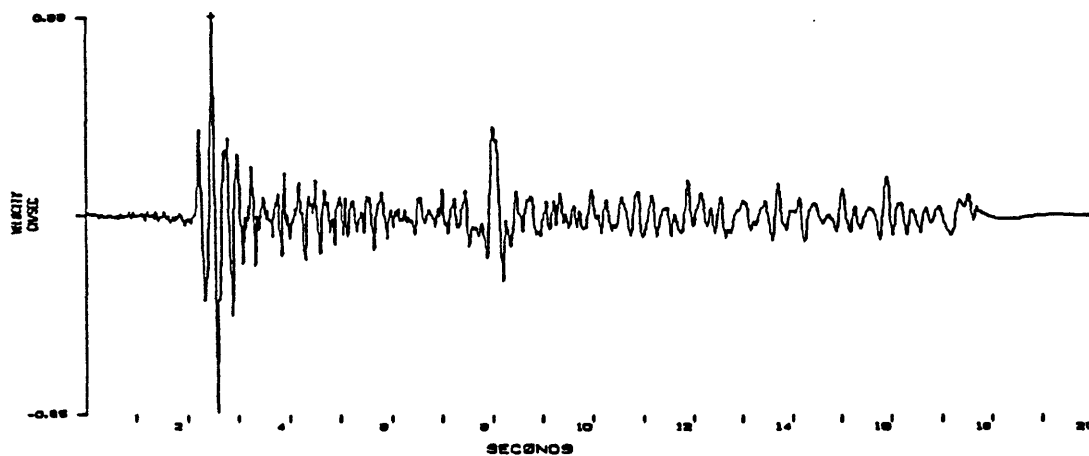
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 27D



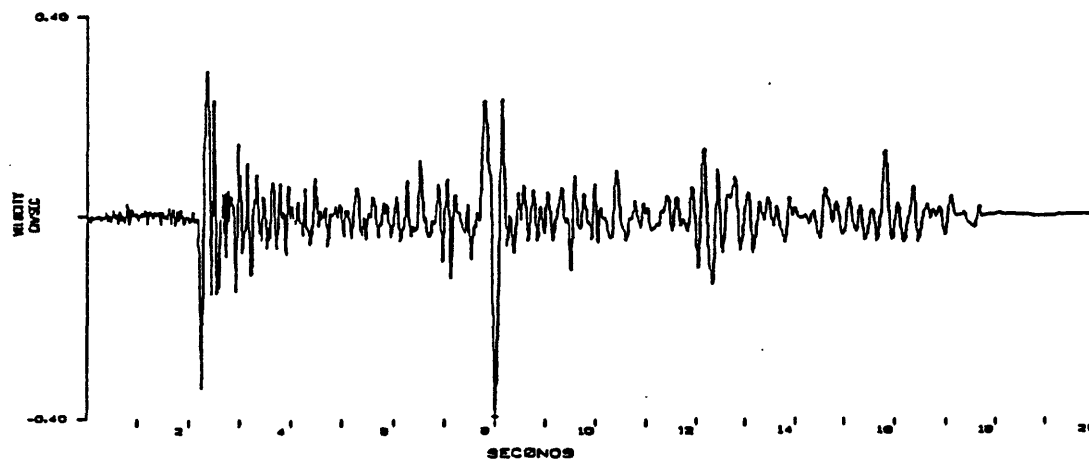
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, VER



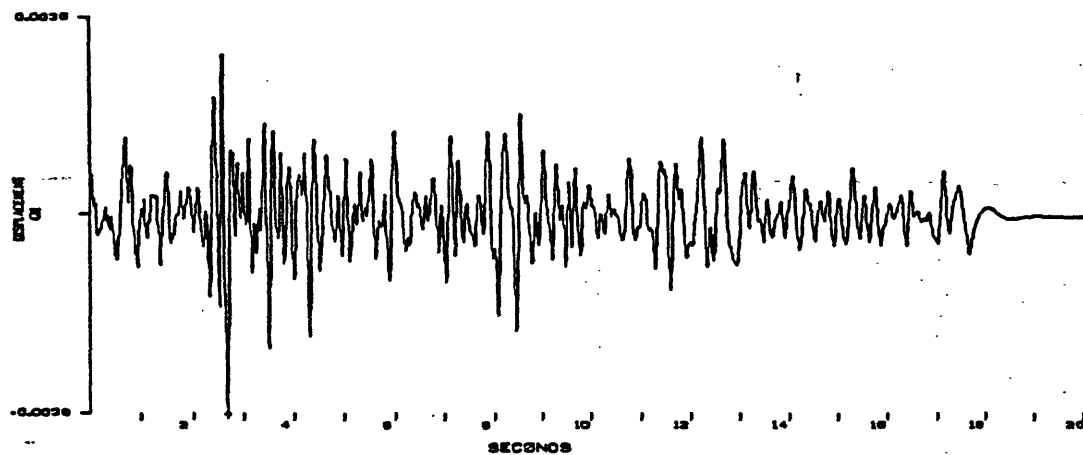
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, ODD



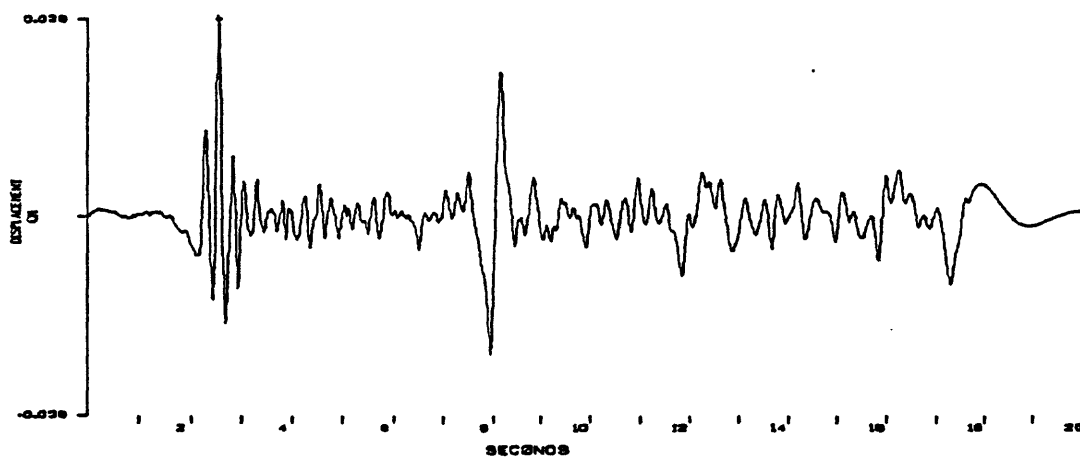
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 27D



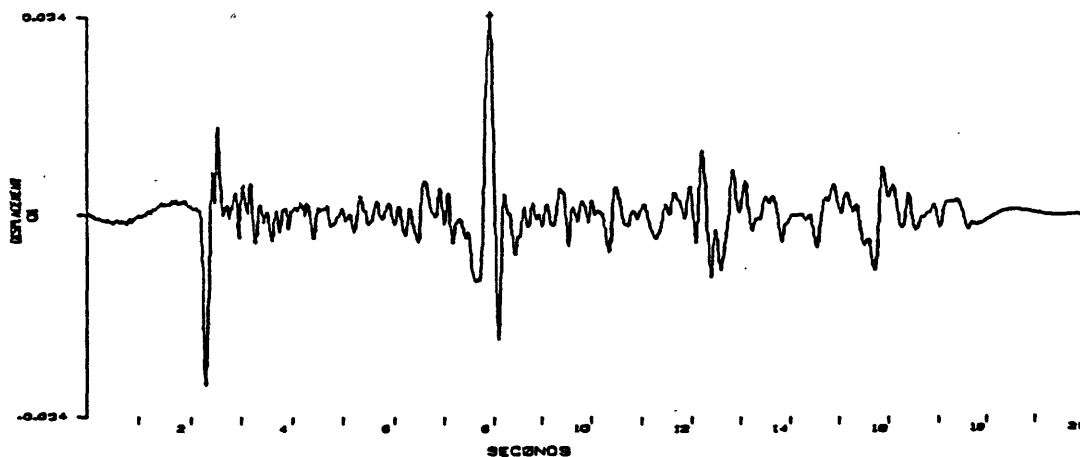
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, VERT



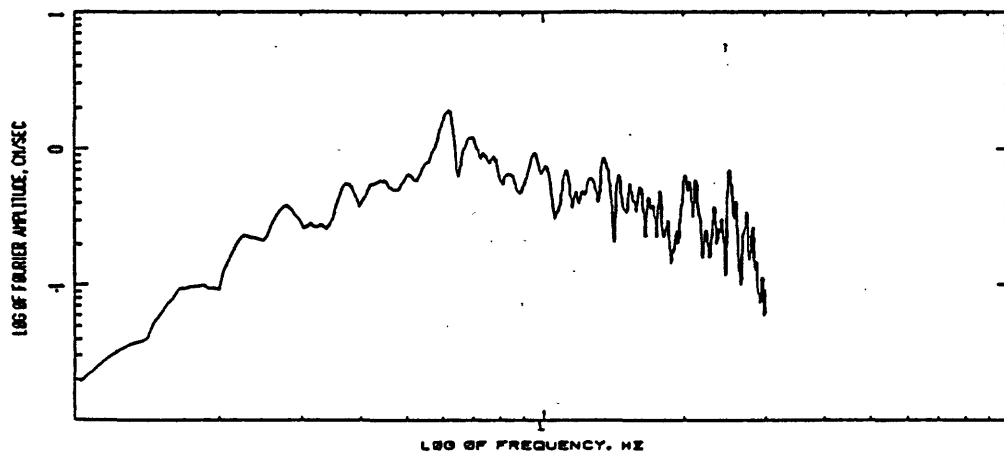
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, ODD



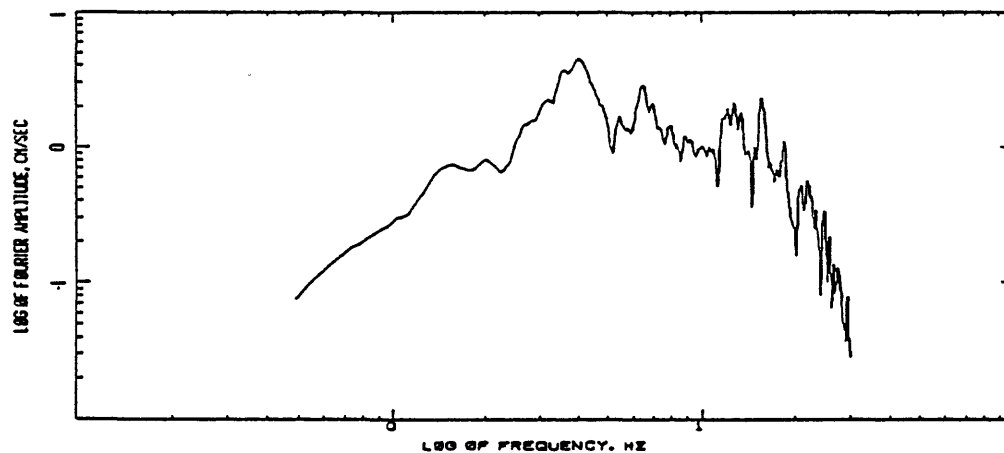
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION CRK, 270



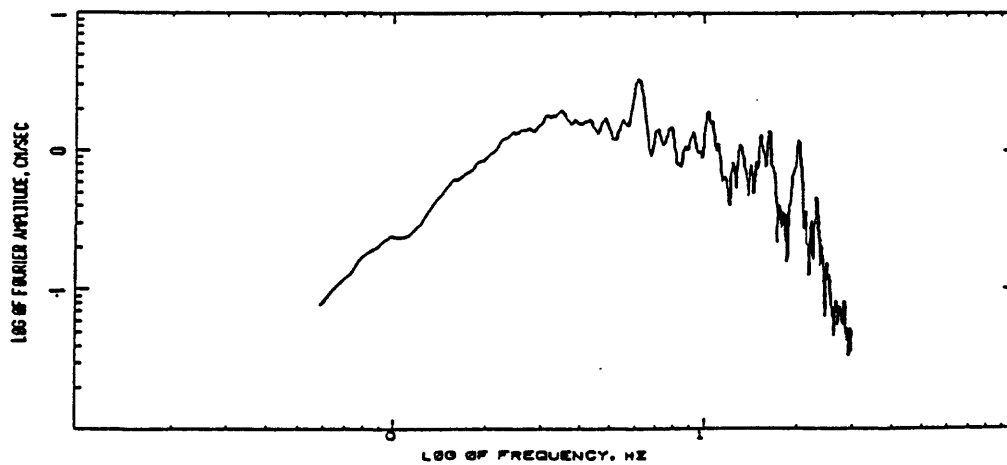
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 170127G, 171330 UTC, HL-3.6
 STATION 68K, 000
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NOISE



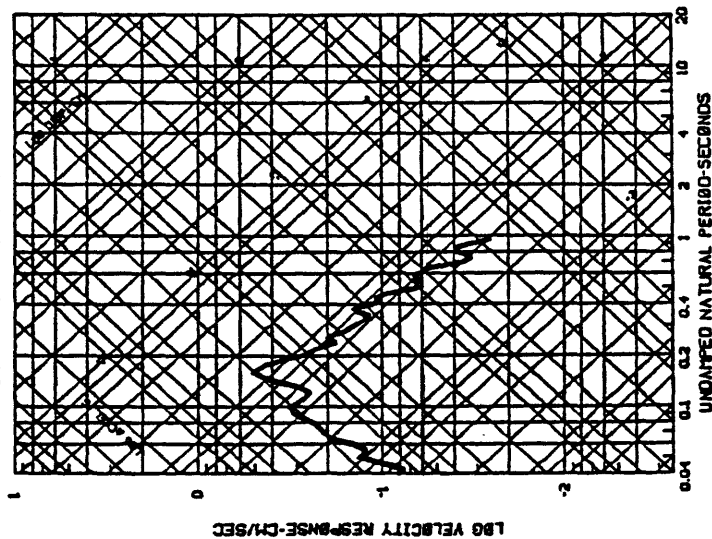
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 170127G, 171330 UTC, HL-3.6
 STATION 68K, 000
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NOISE



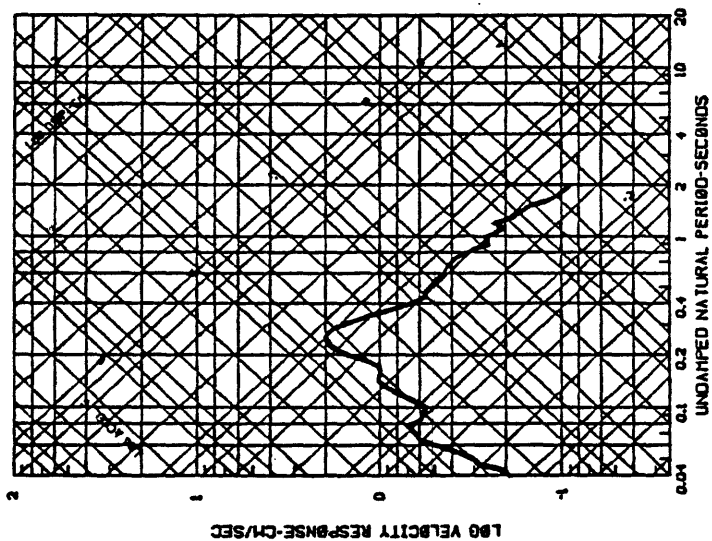
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 170127G, 171330 UTC, HL-3.6
 STATION 68K, 000
 COMPUTING OPTIONS- ZCROSS,SMOOTH(10),NOISE



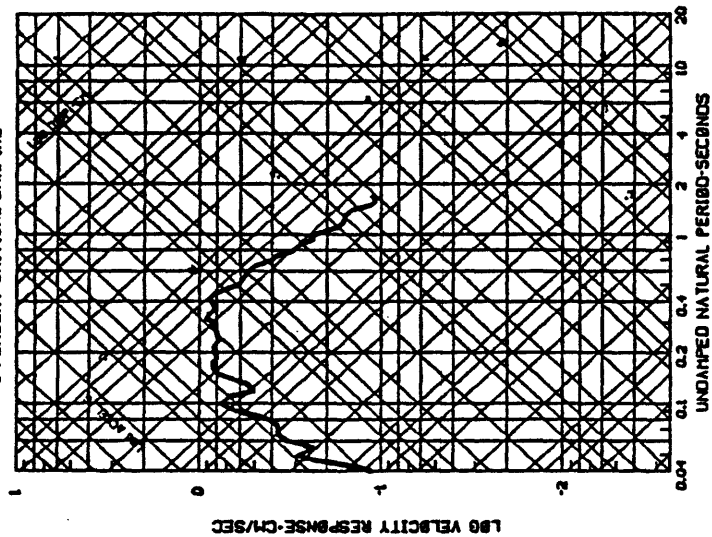
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M-3.0
STATION CRK-000
5 PERCENT CRITICAL DAMPING



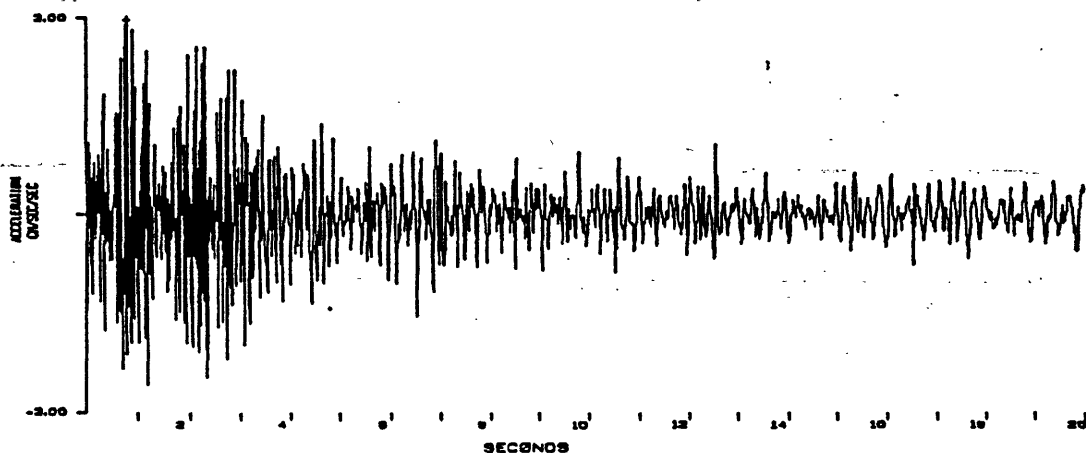
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M-3.0
STATION CRK-000
5 PERCENT CRITICAL DAMPING



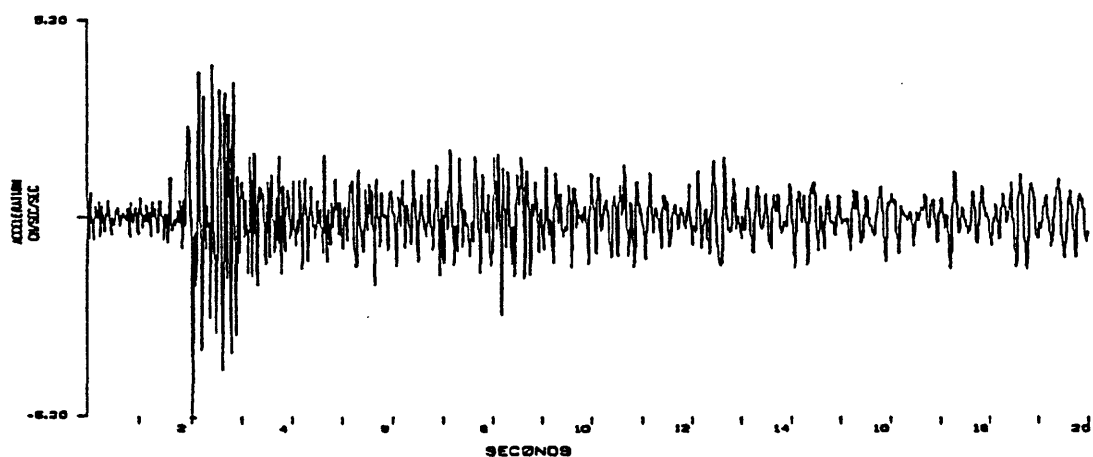
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, M-3.0
STATION CRK-270
5 PERCENT CRITICAL DAMPING



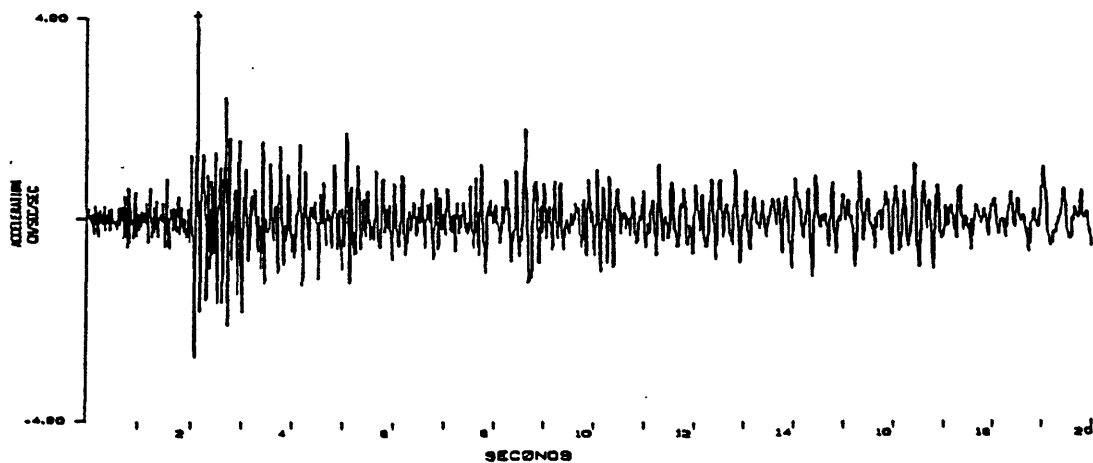
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION PER, 924, 924



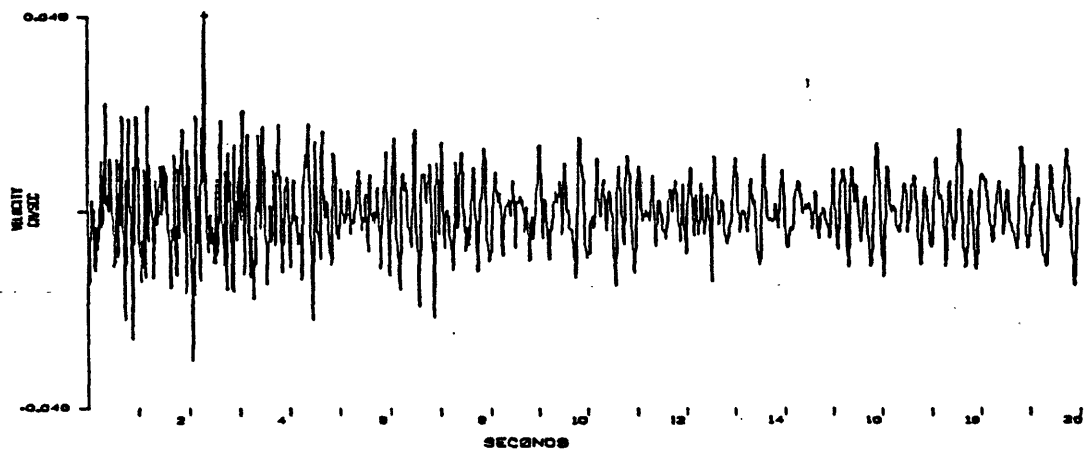
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION PER, 000



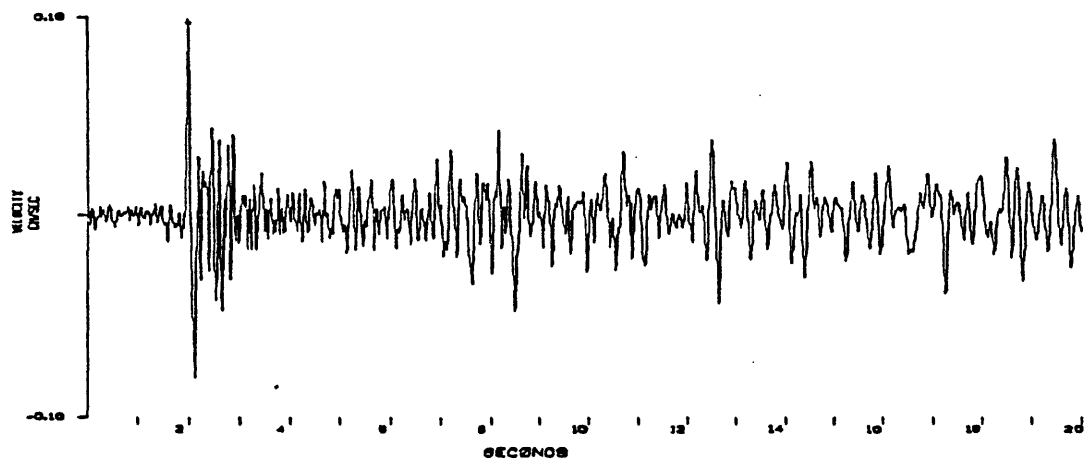
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION PER, 270



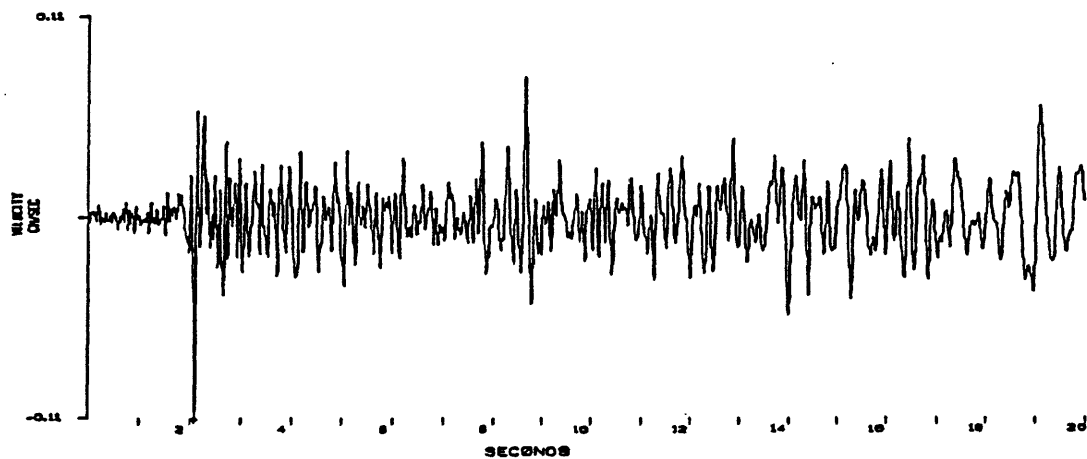
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, VER



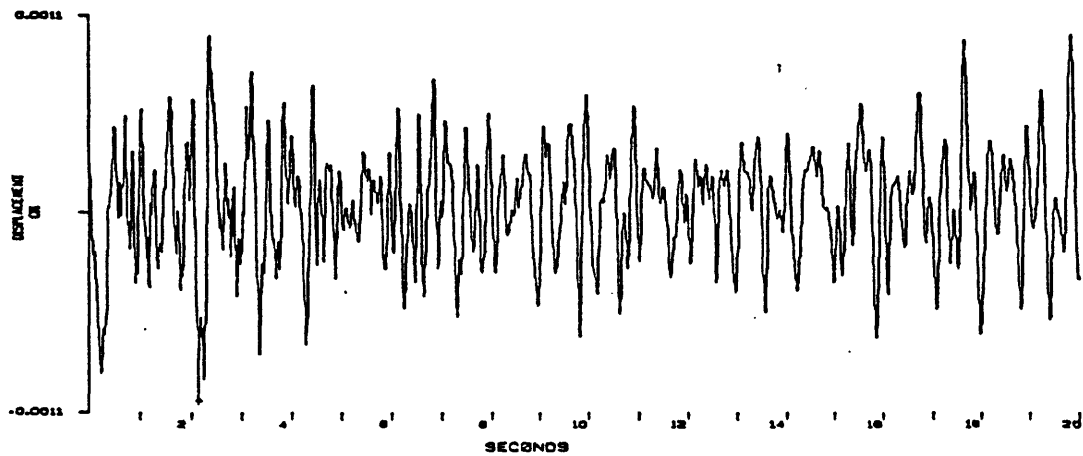
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, ODD



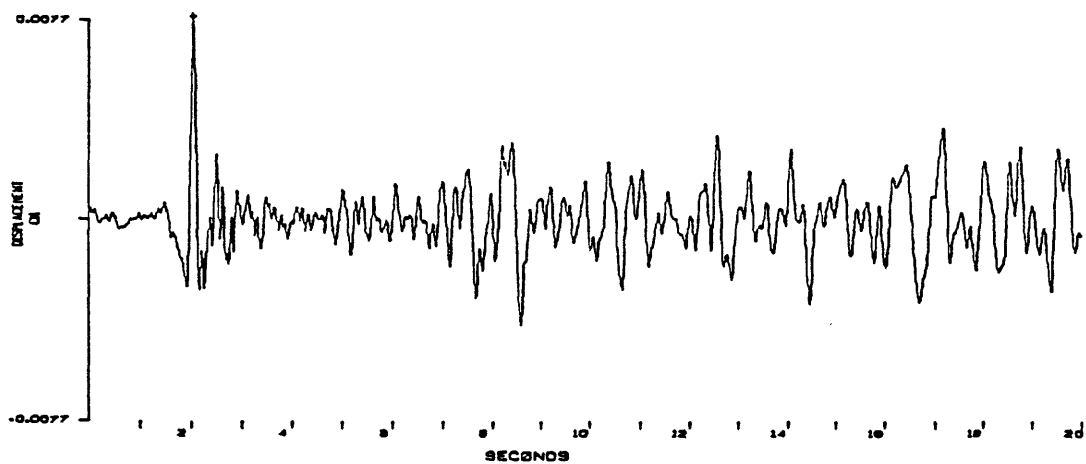
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.9
STATION FBR, 270



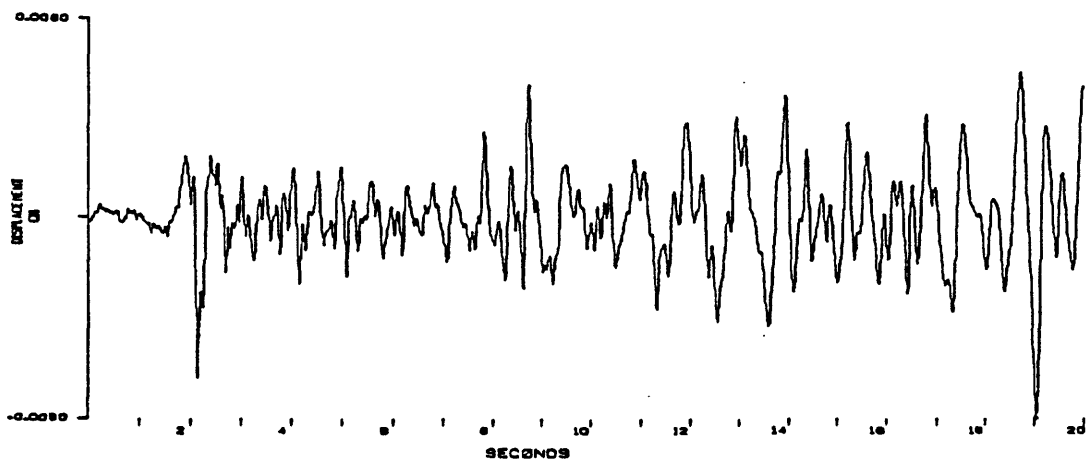
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 62R1



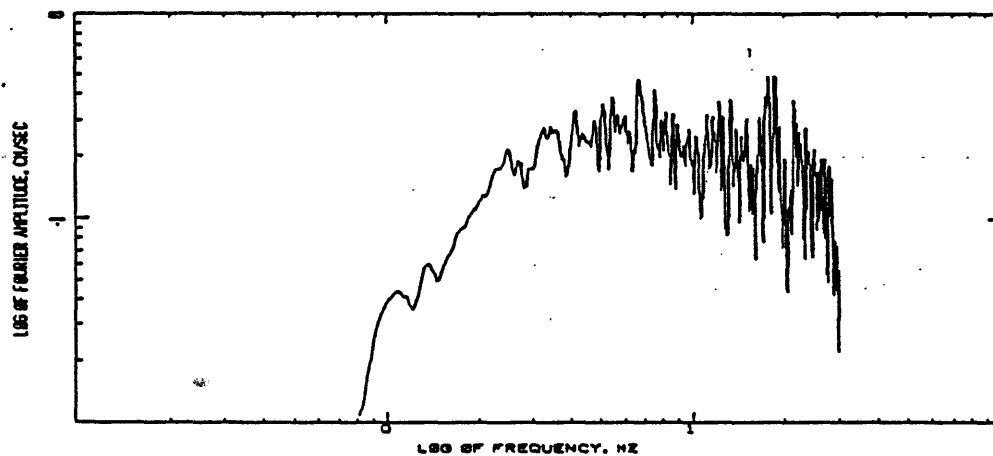
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 00D1



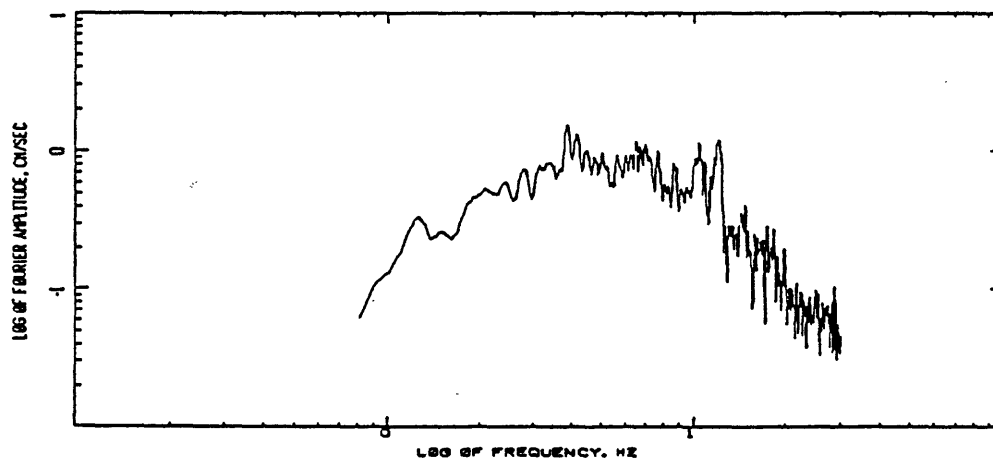
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION FER, 27D1



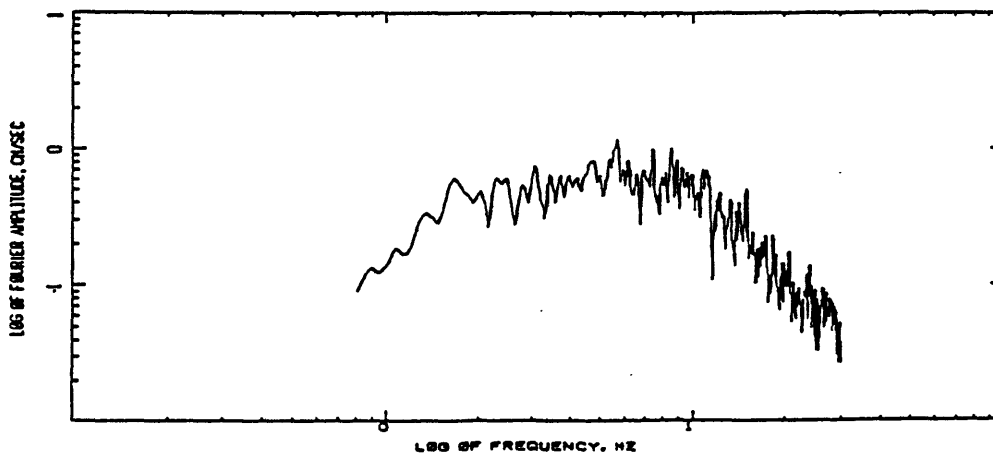
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/7/52, 12:13:30 UTC, HL-3.8
 STA. 104, EBR, DND
 COMPUTING OPTIONS- 2CROSS, SMOOTH101, NONNOISE



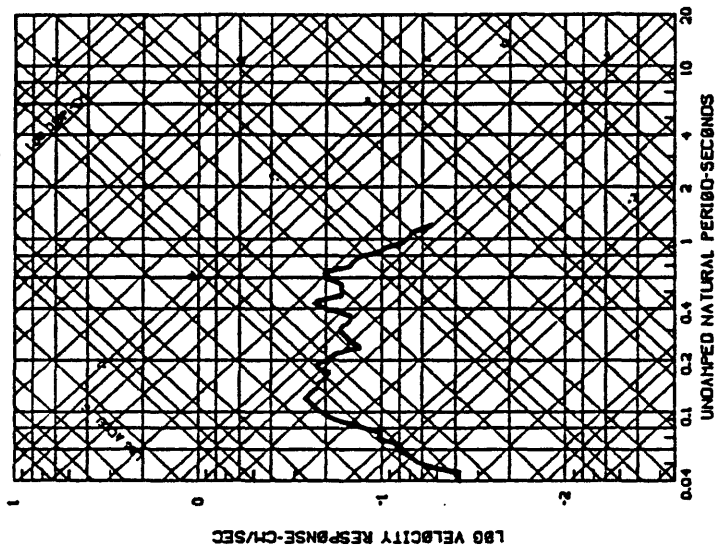
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/7/52, 12:13:30 UTC, HL-3.8
 STATION EBR, DND
 COMPUTING OPTIONS- 2CROSS, SMOOTH101, NONNOISE



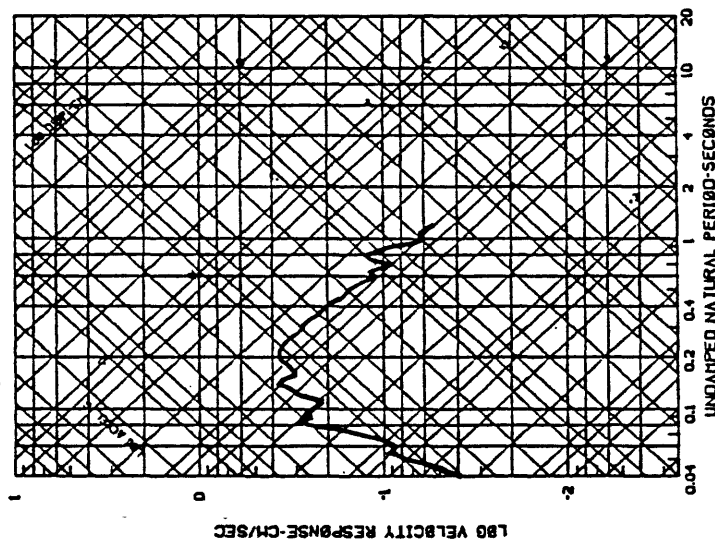
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/7/52, 12:13:30 UTC, HL-3.8
 STATION EBR, 274
 COMPUTING OPTIONS- 2CROSS, SMOOTH101, NONNOISE



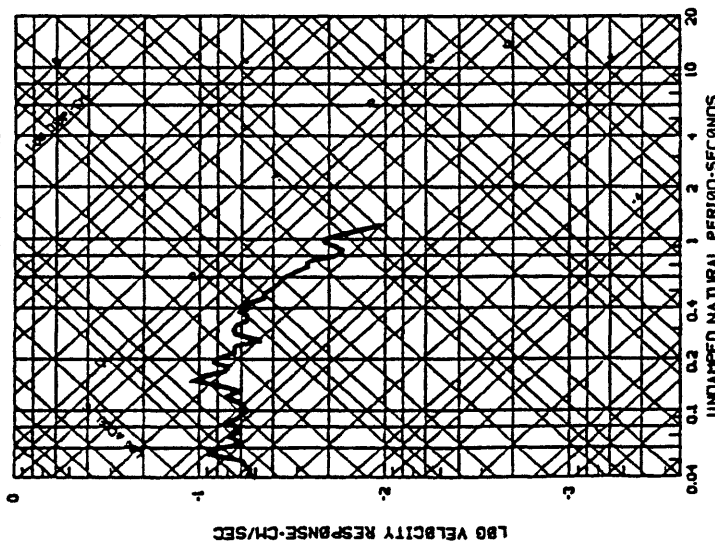
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.8
 STATION FOR VERT
 5 PERCENT CRITICAL DAMPING



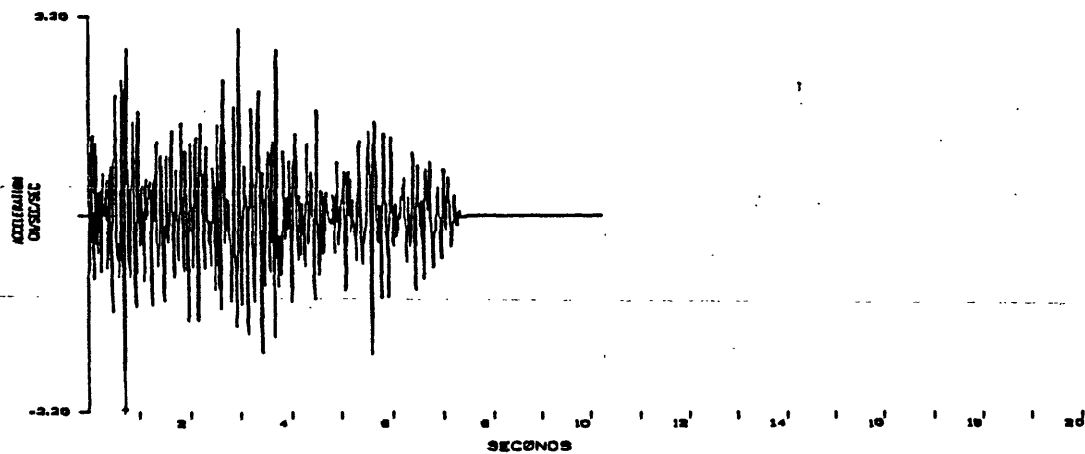
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.8
 STATION FOR VERT
 5 PERCENT CRITICAL DAMPING



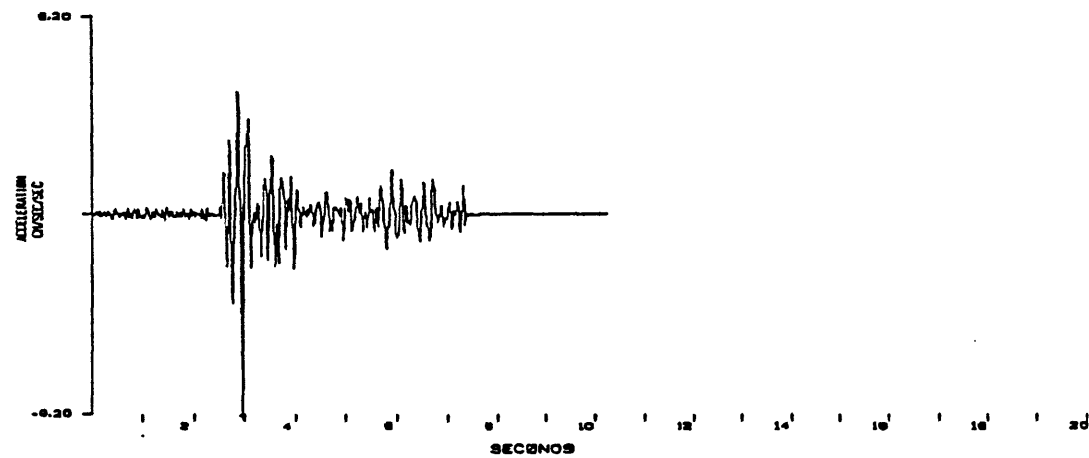
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.8
 STATION FOR VERT
 5 PERCENT CRITICAL DAMPING



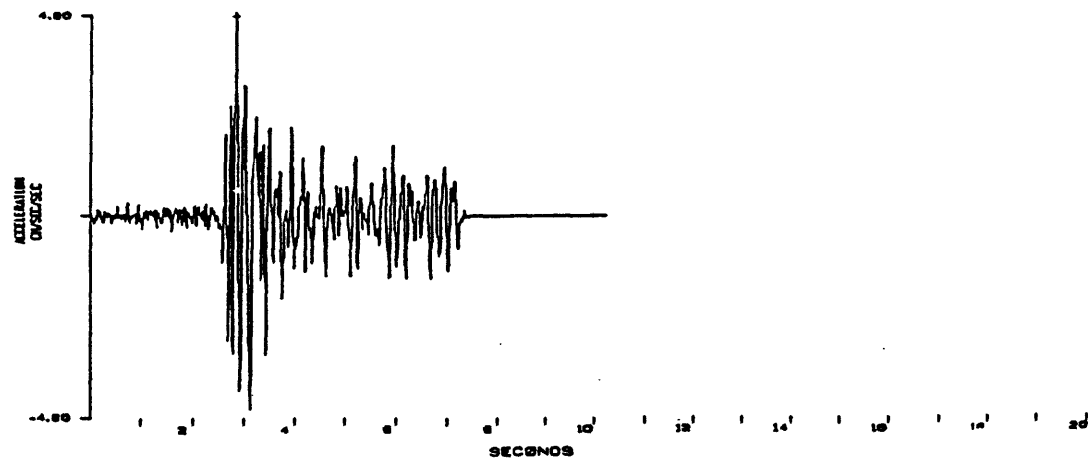
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, VERT



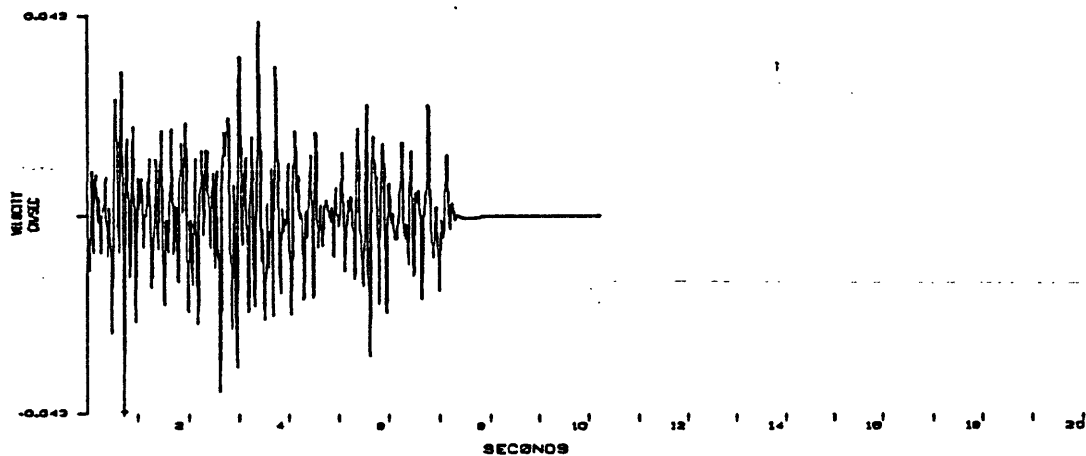
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, 000



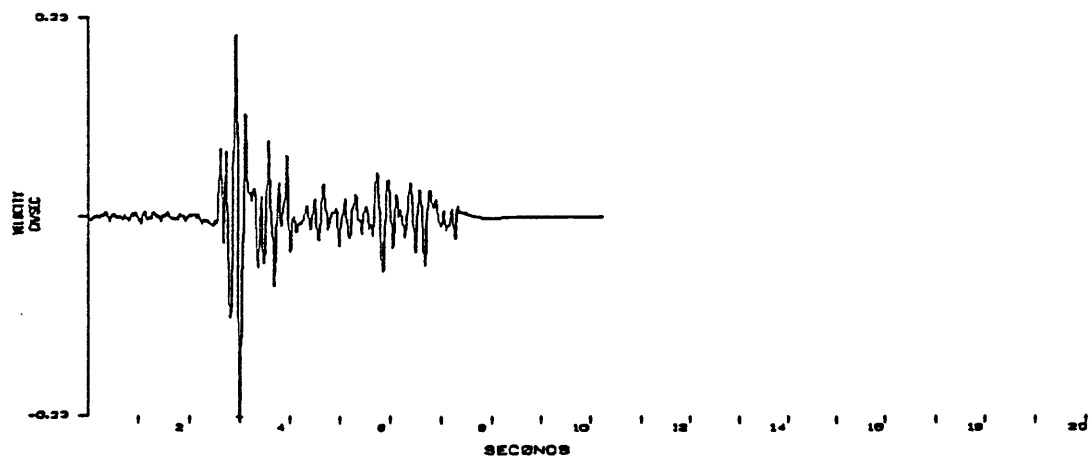
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION HUS, 370



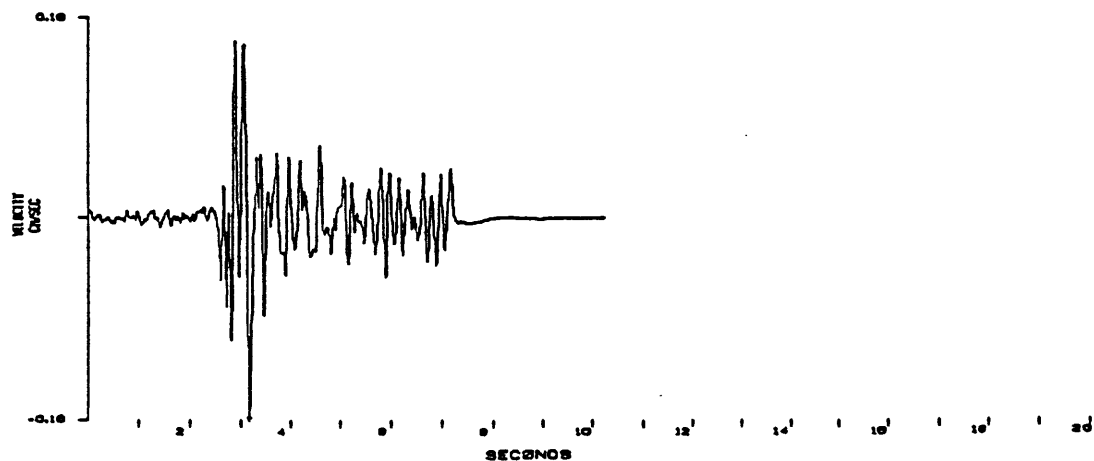
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 9241



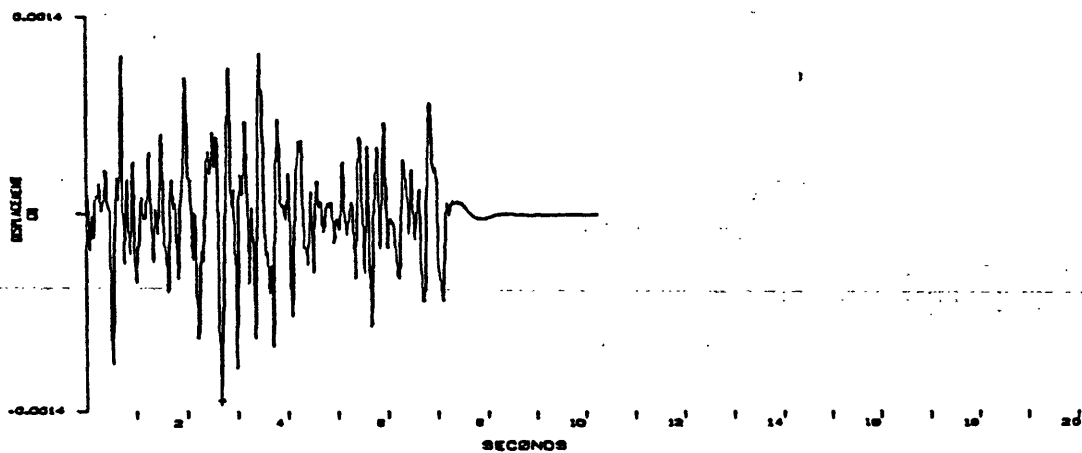
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 500



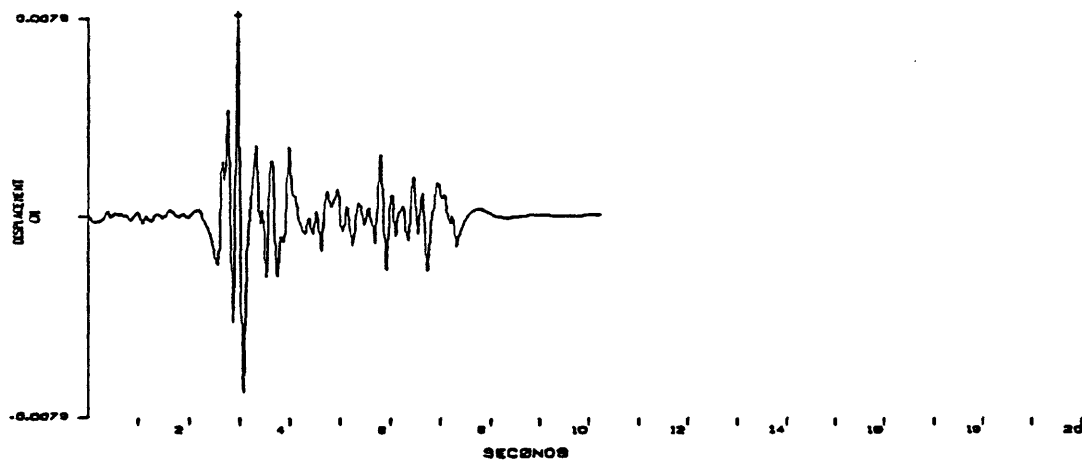
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 270



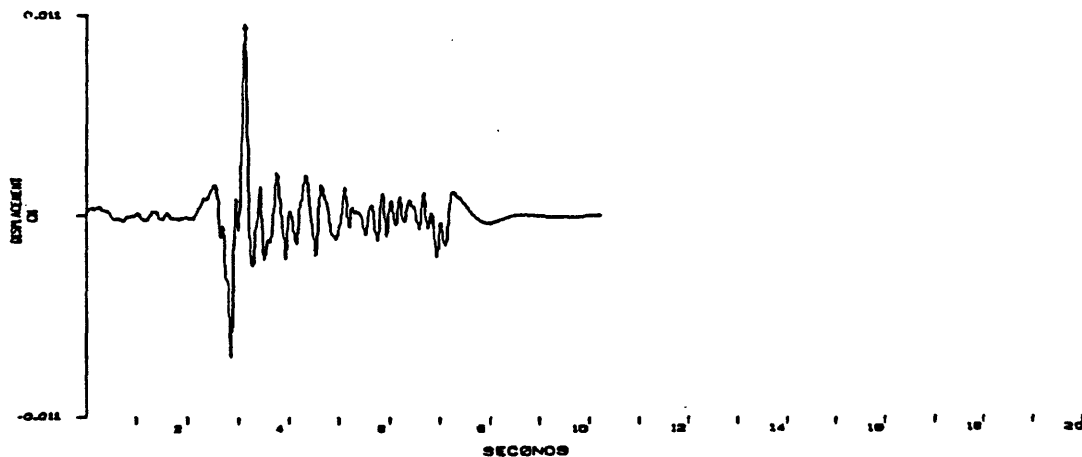
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. VERT



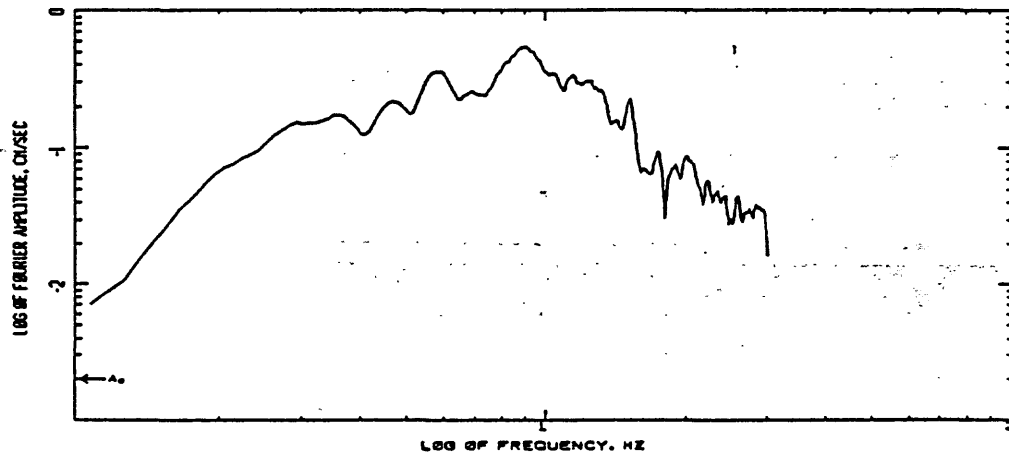
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 600



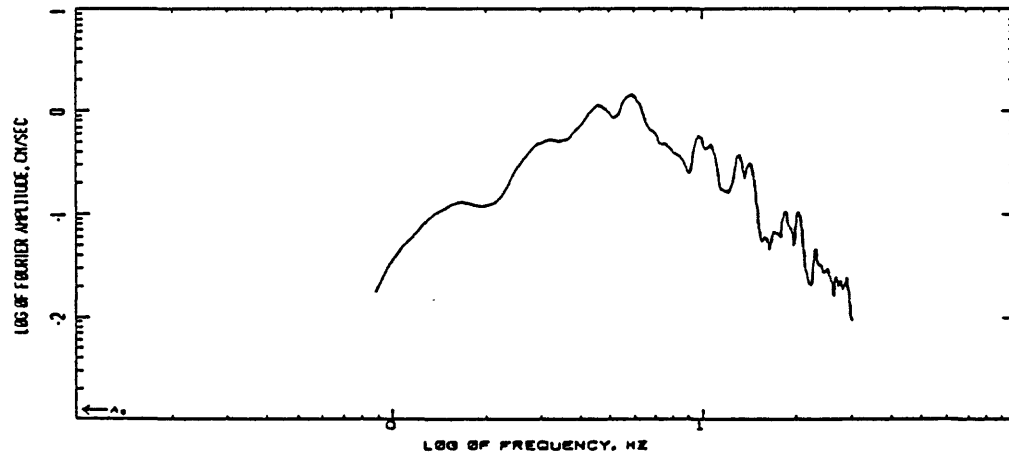
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION NOS. 270



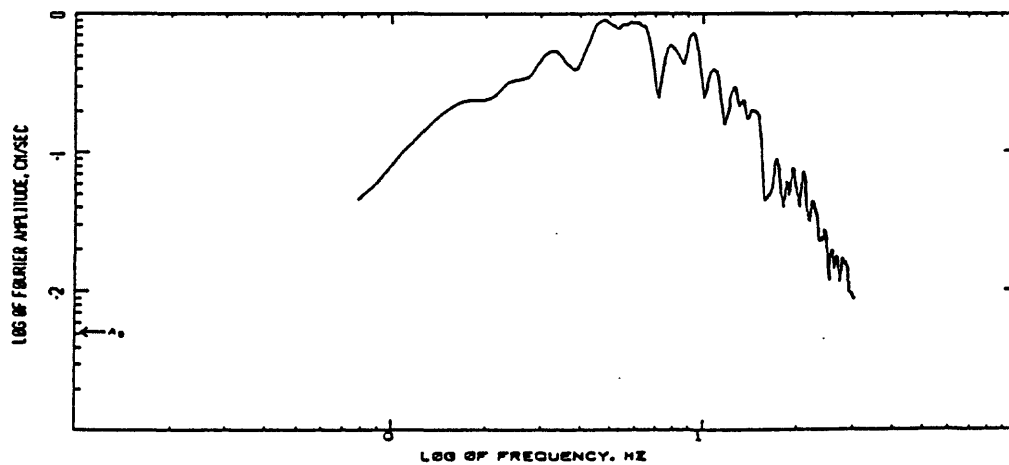
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1704/76, 17:13:30 UTC, ML-3.9
STATION HUS 000
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



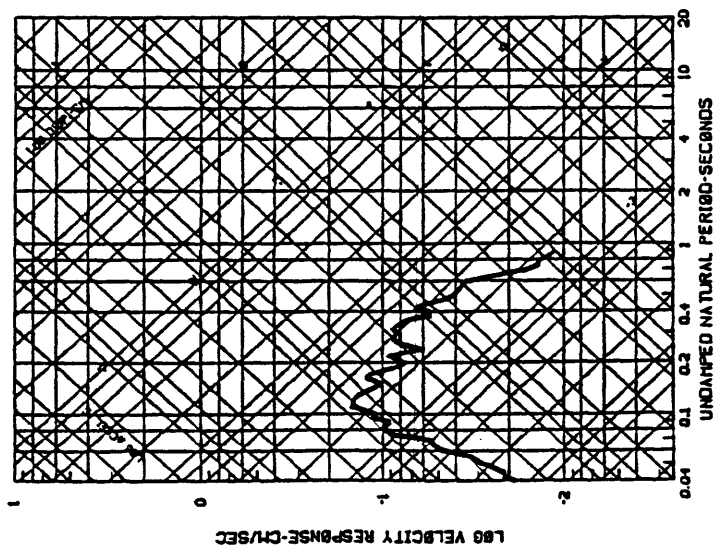
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1704/76, 17:13:30 UTC, ML-3.9
STATION HUS 000
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



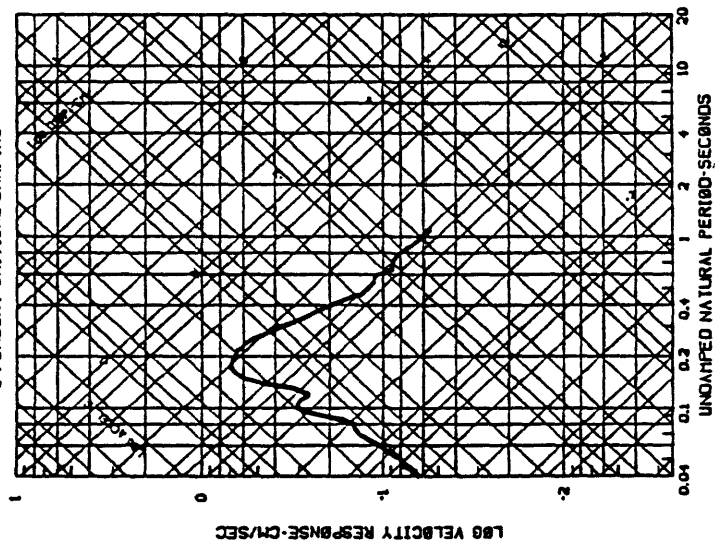
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
IMPERIAL VALLEY EARTHQUAKE, 1704/76, 17:13:30 UTC, ML-3.9
STATION HUS 370
COMPUTING OPTIONS- ZCROSS, SMOOTH(10), NONNOISE



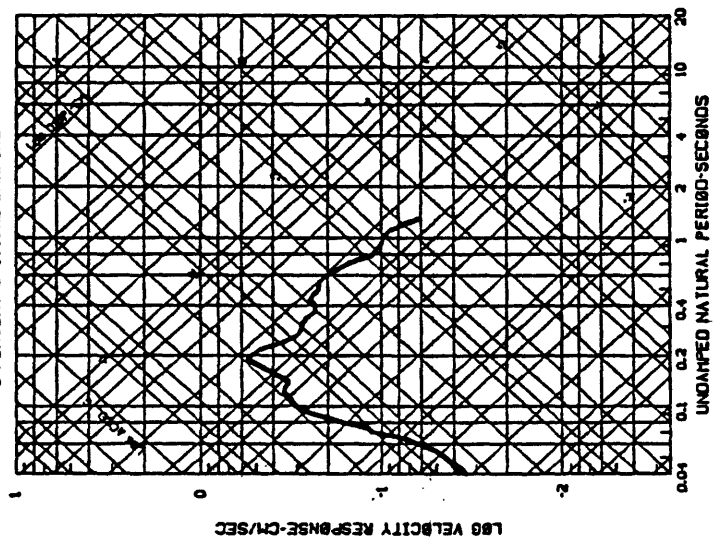
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.5
STATION W5, 000
5 PERCENT CRITICAL DAMPING



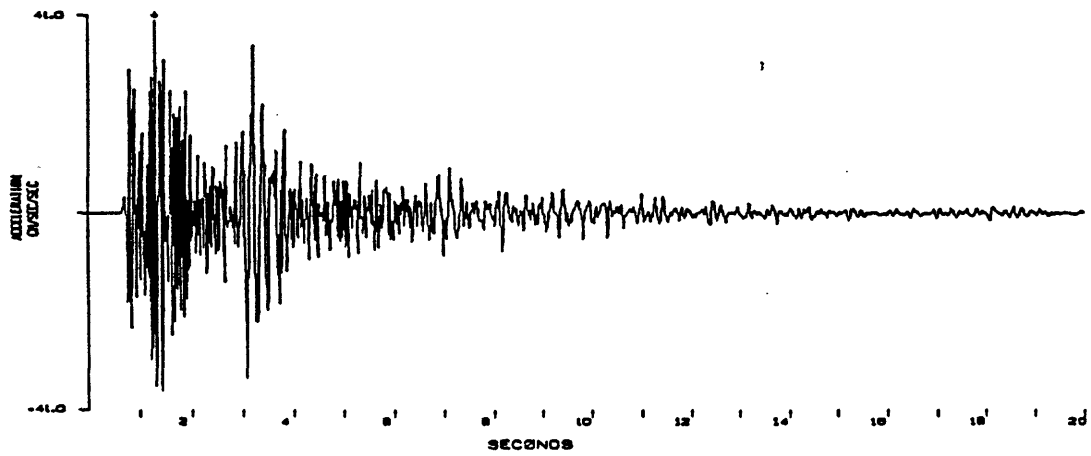
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.5
STATION W5, 000
5 PERCENT CRITICAL DAMPING



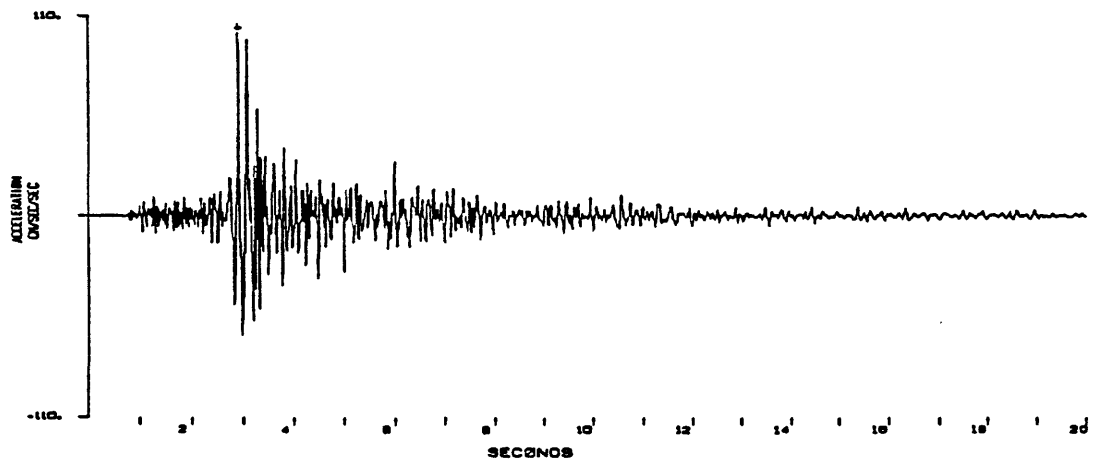
PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.5
STATION W5, 200
5 PERCENT CRITICAL DAMPING



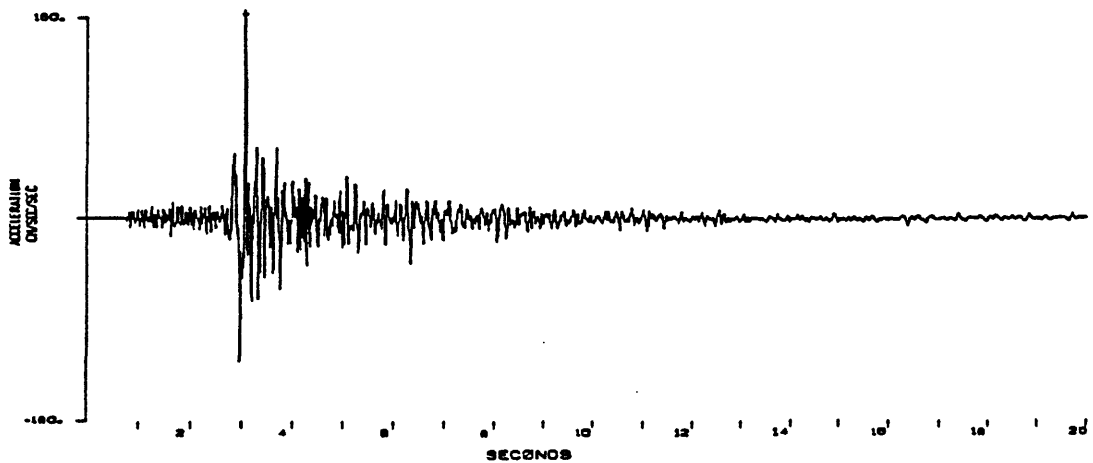
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, VER1



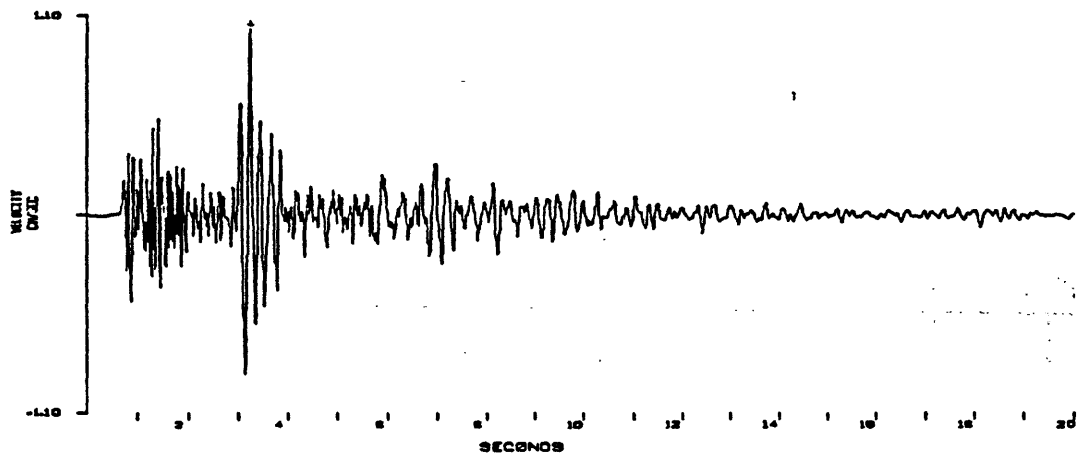
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, DDC



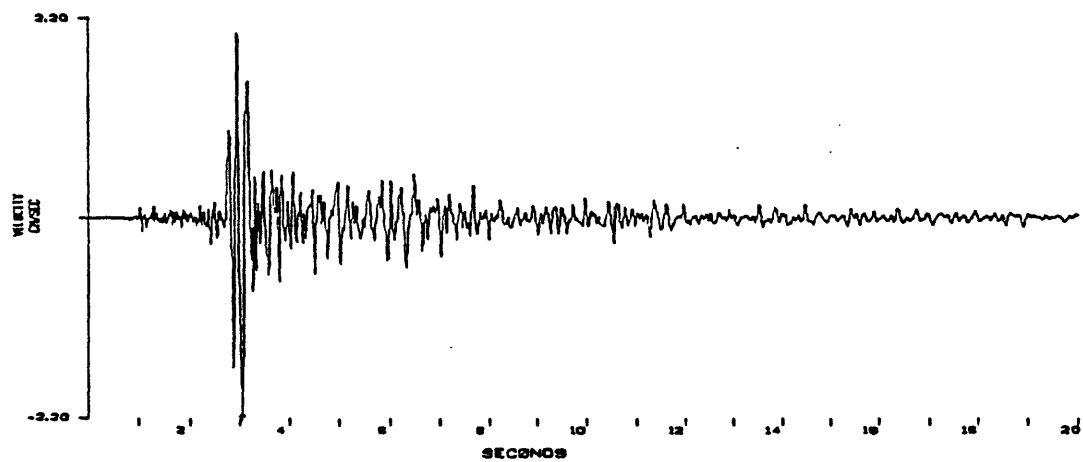
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLO, 270



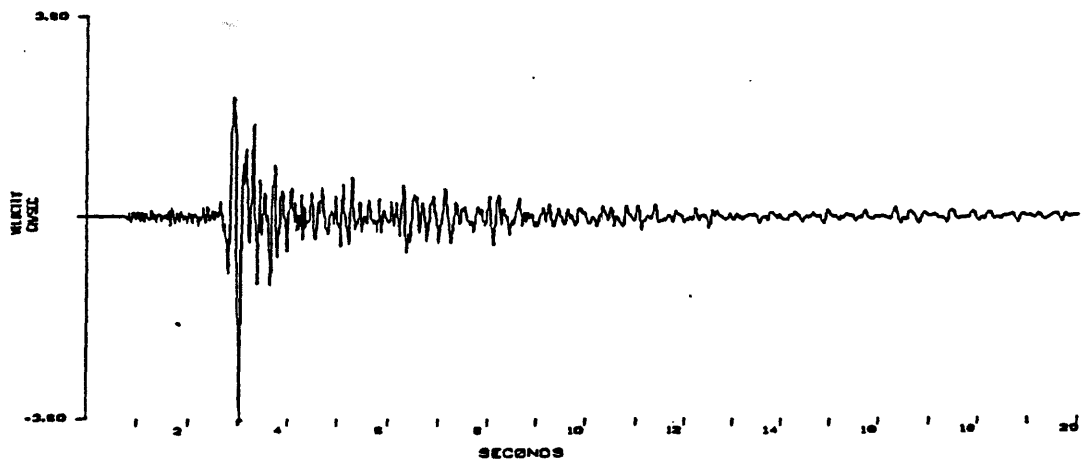
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8



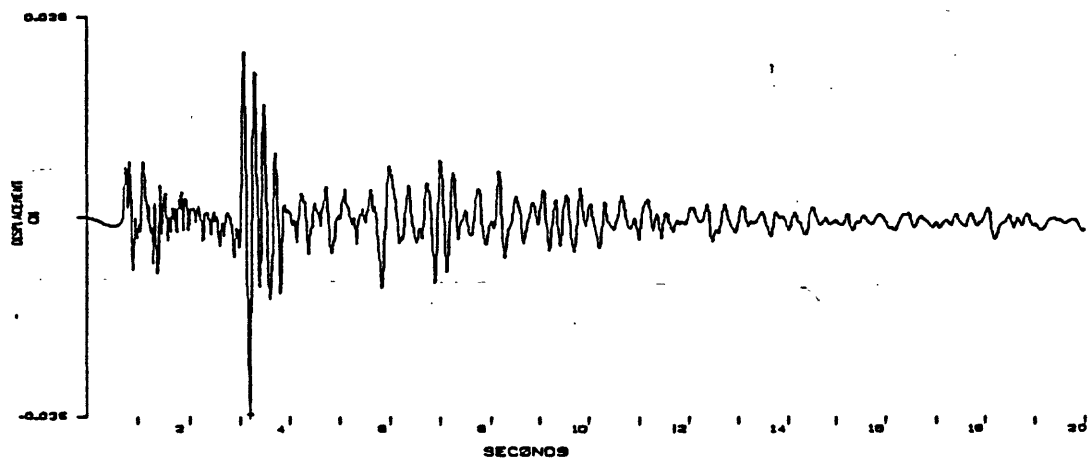
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8



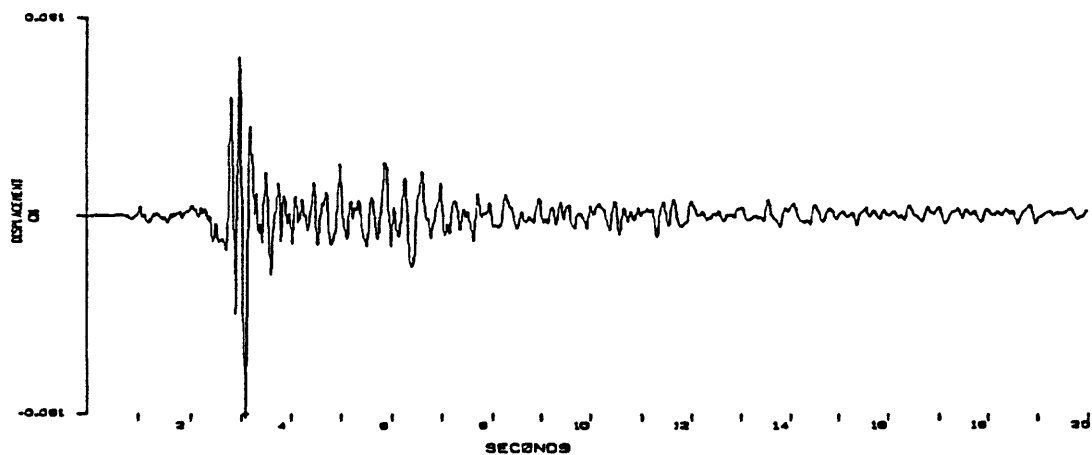
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8



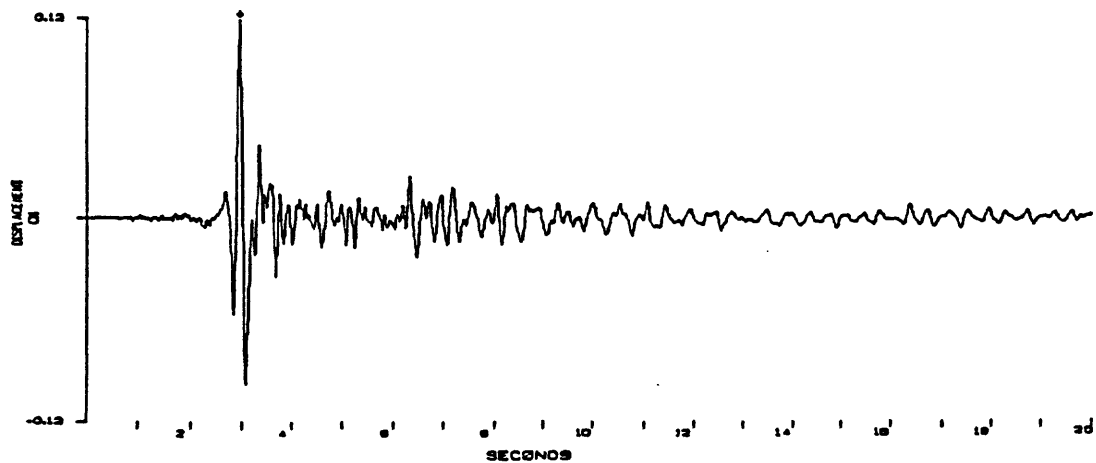
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, VERT



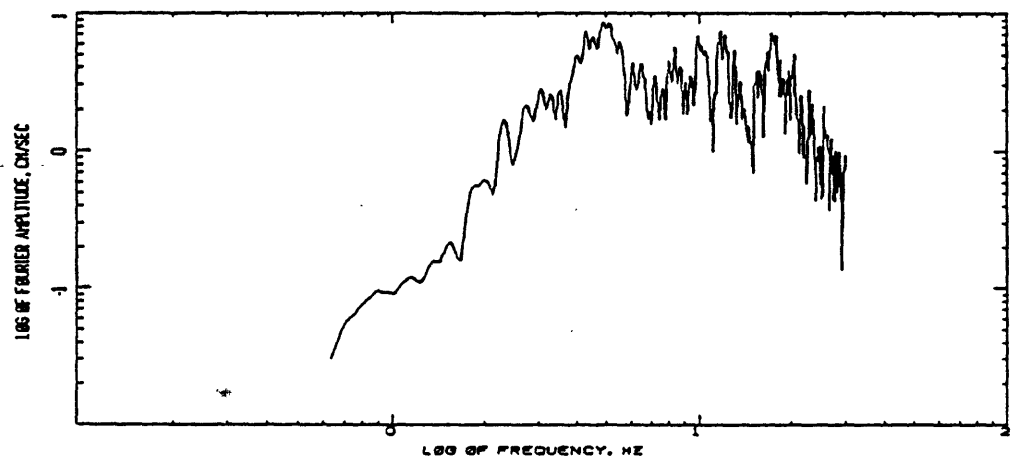
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, SDO



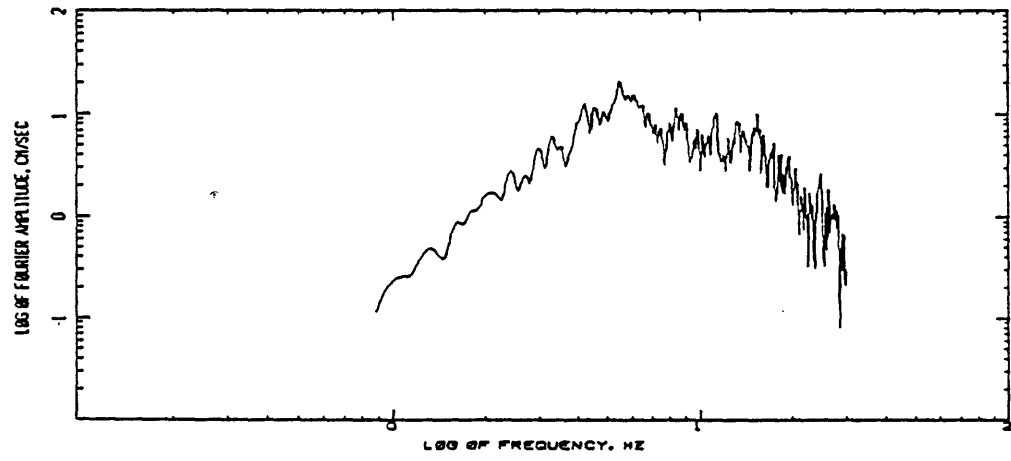
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML-3.8
STATION SLD, 270



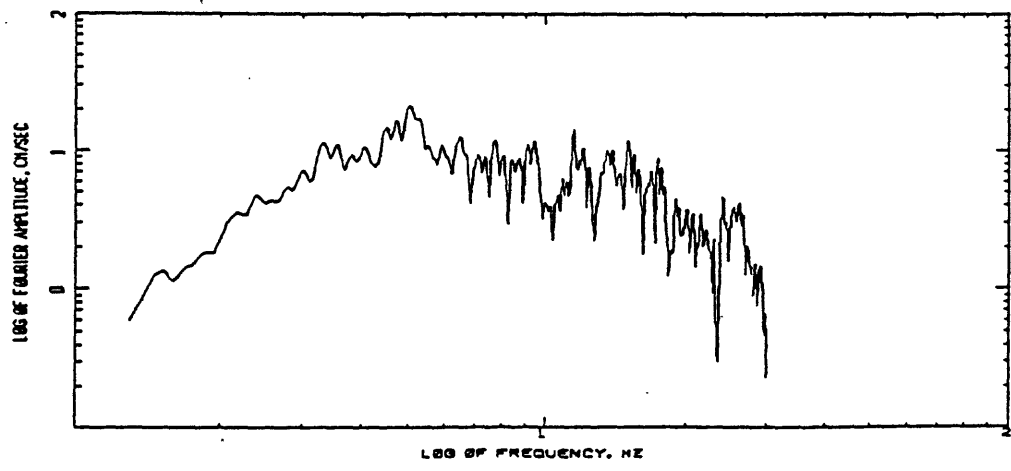
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.8
 STATION 310,000
 COMPUTING OPTIONS= ZCRSS,SMOOTH(10),NONSEISE



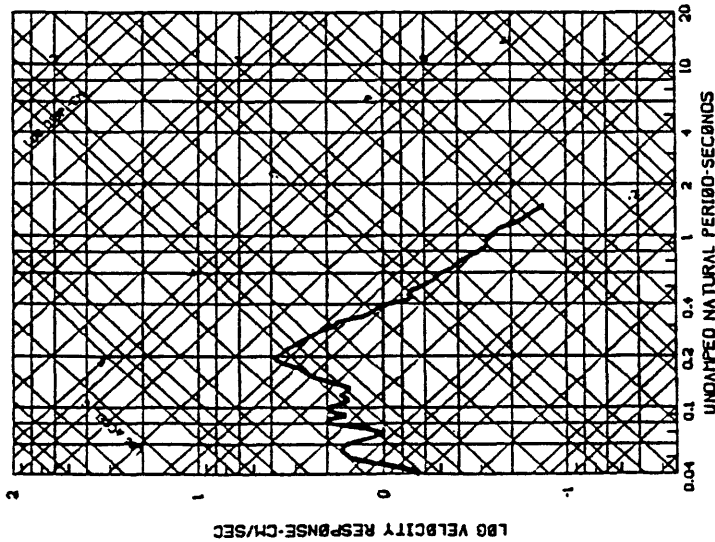
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.8
 STATION 310,000
 COMPUTING OPTIONS= ZCRSS,SMOOTH(10),NONSEISE



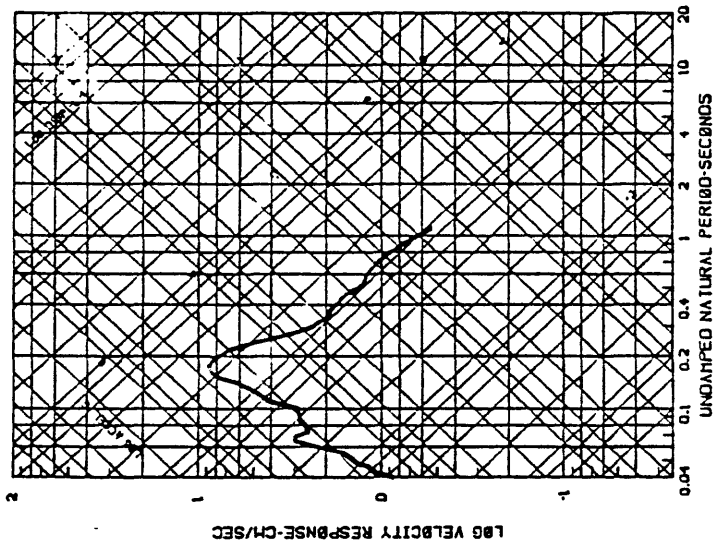
FOURIER AMPLITUDE SPECTRUM OF ACCELERATION
 IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, ML=3.8
 STATION 310,000
 COMPUTING OPTIONS= ZCRSS,SMOOTH(10),NONSEISE



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
STATION SLO 000
5 PERCENT CRITICAL DAMPING



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
STATION SLO 000
5 PERCENT CRITICAL DAMPING



PSEUDO RELATIVE VELOCITY RESPONSE SPECTRA
IMPERIAL VALLEY EARTHQUAKE, 11/04/79, 17:13:30 UTC, HL-3.0
STATION SLO 270
5 PERCENT CRITICAL DAMPING

