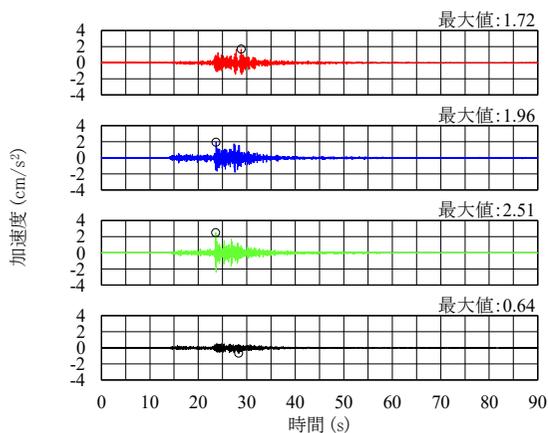
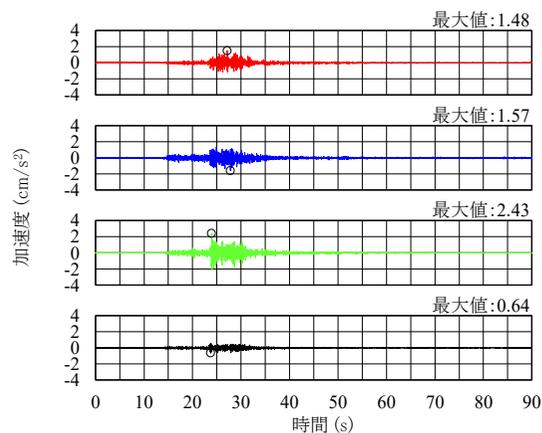


# No.122

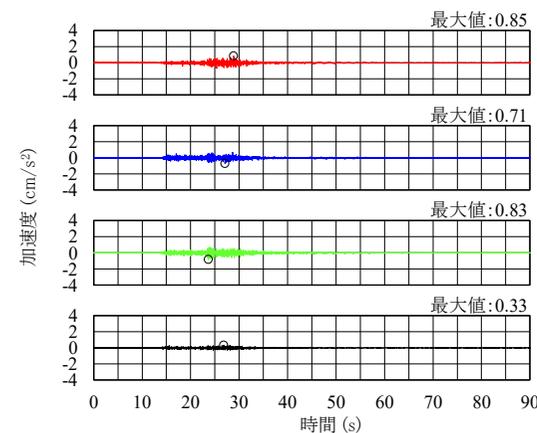
— 観測点1 — 観測点2 — 観測点3 — 観測点4



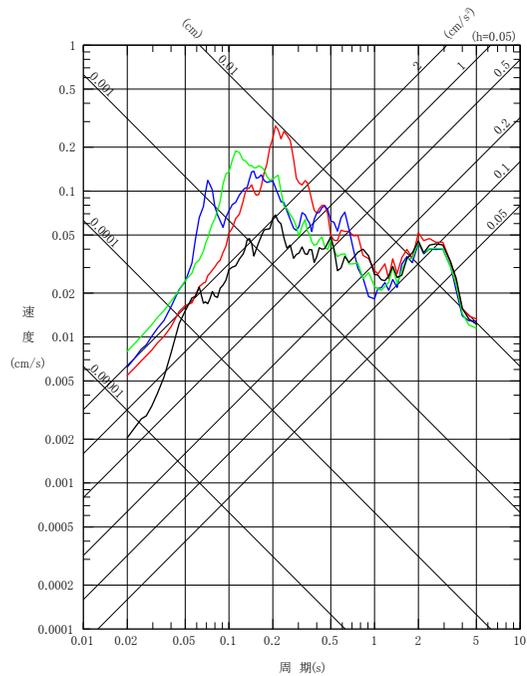
NS方向



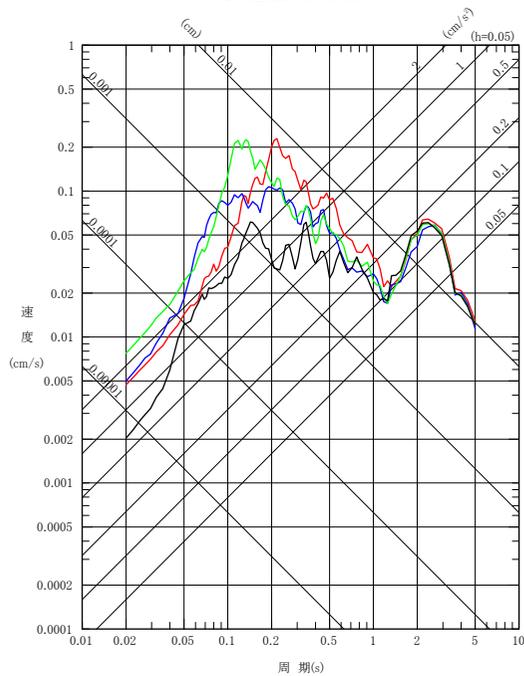
EW方向  
 加速度時刻歴波形



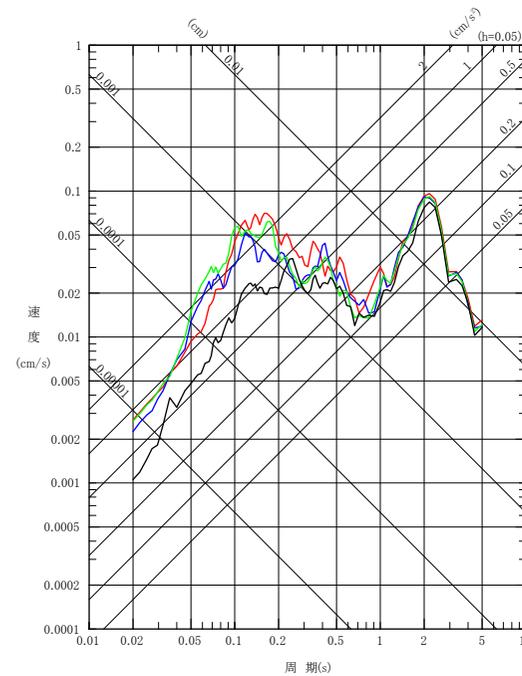
UD方向



NS方向



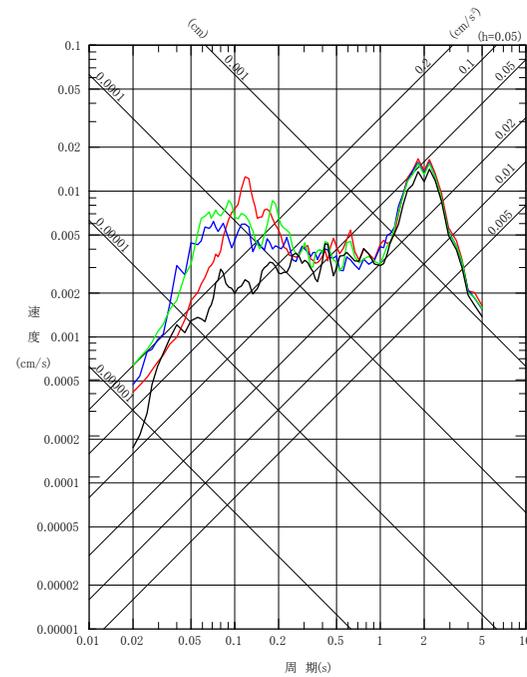
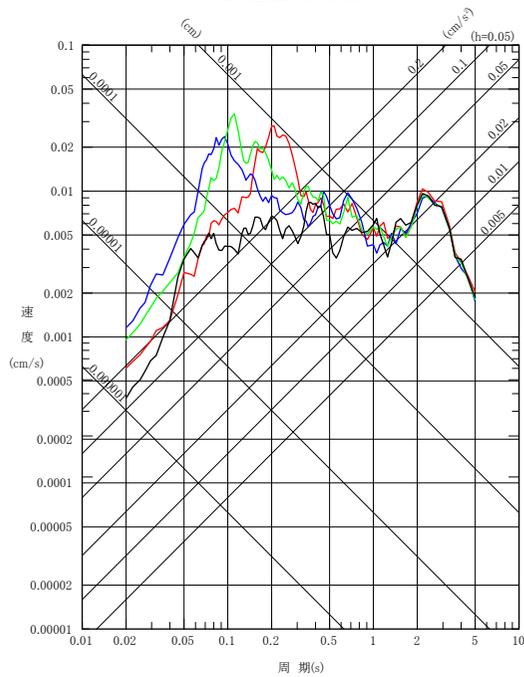
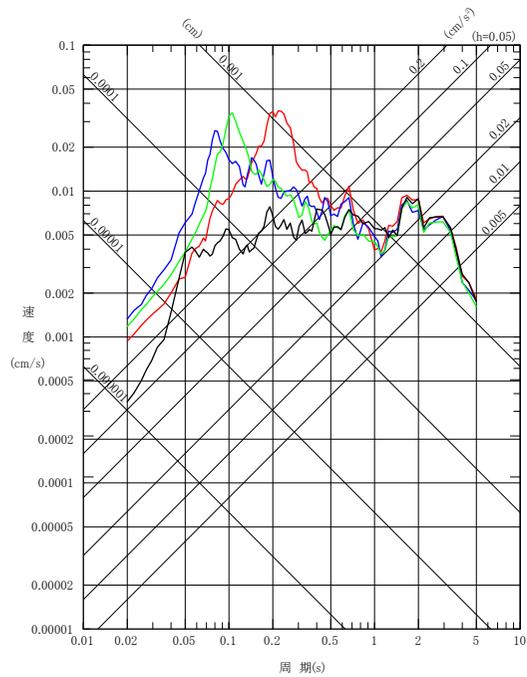
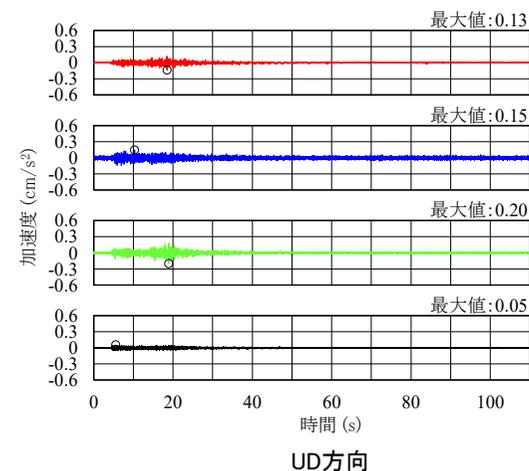
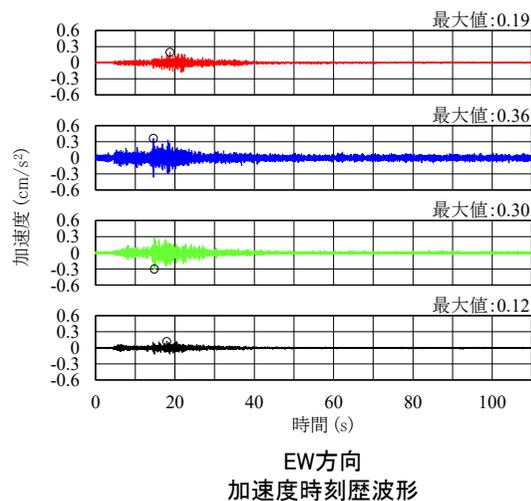
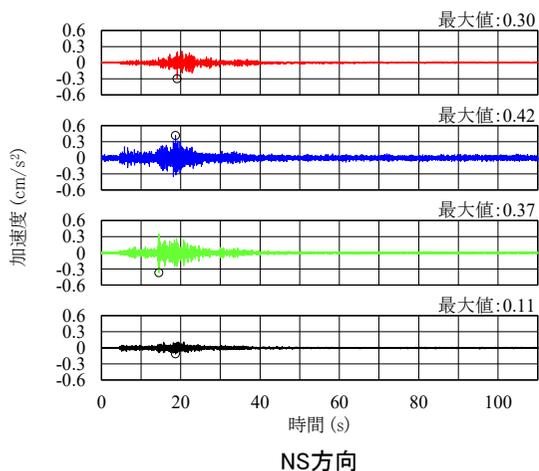
EW方向  
 擬似速度応答スペクトル



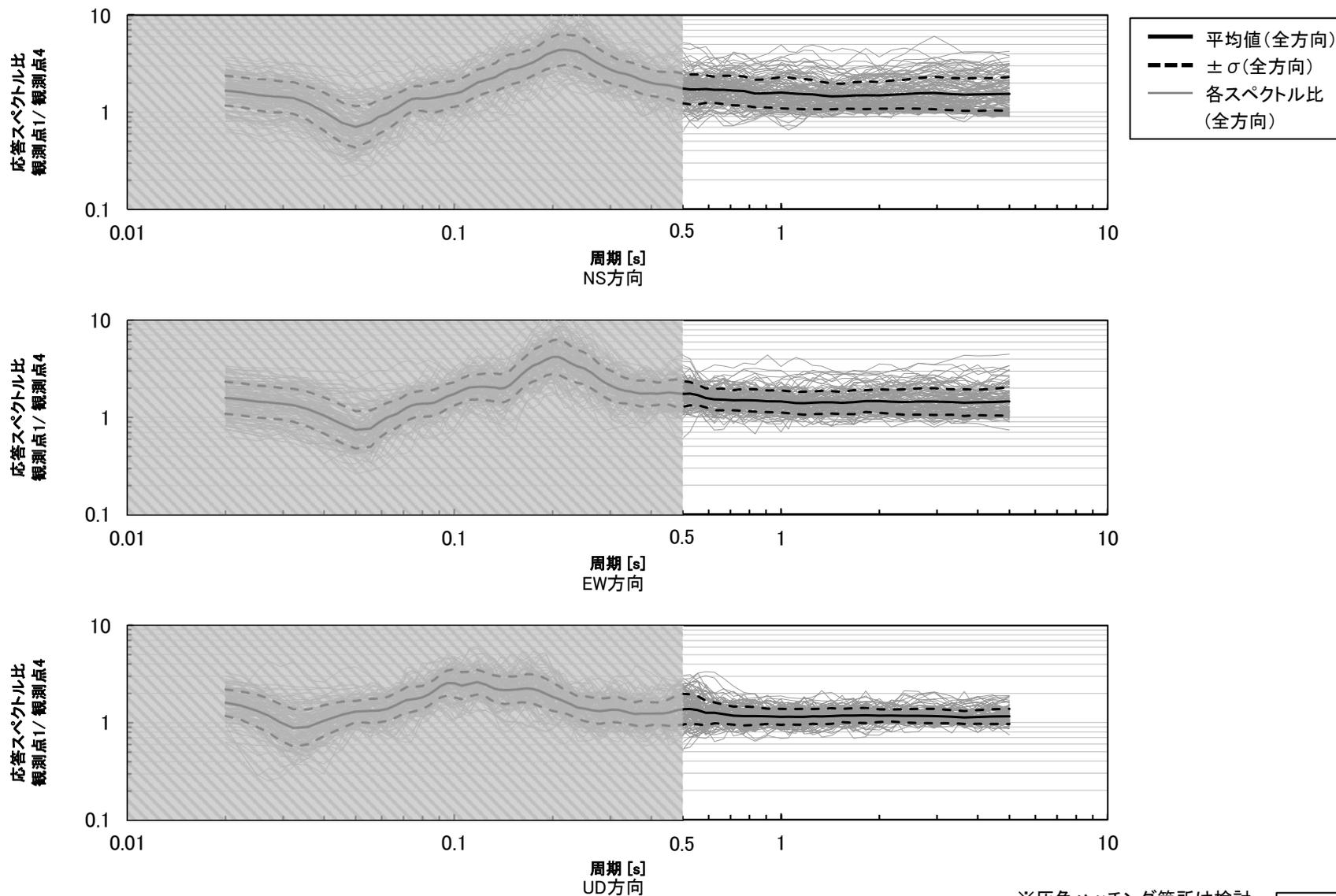
UD方向

# No.123

— 観測点1 — 観測点2 — 観測点3 — 観測点4



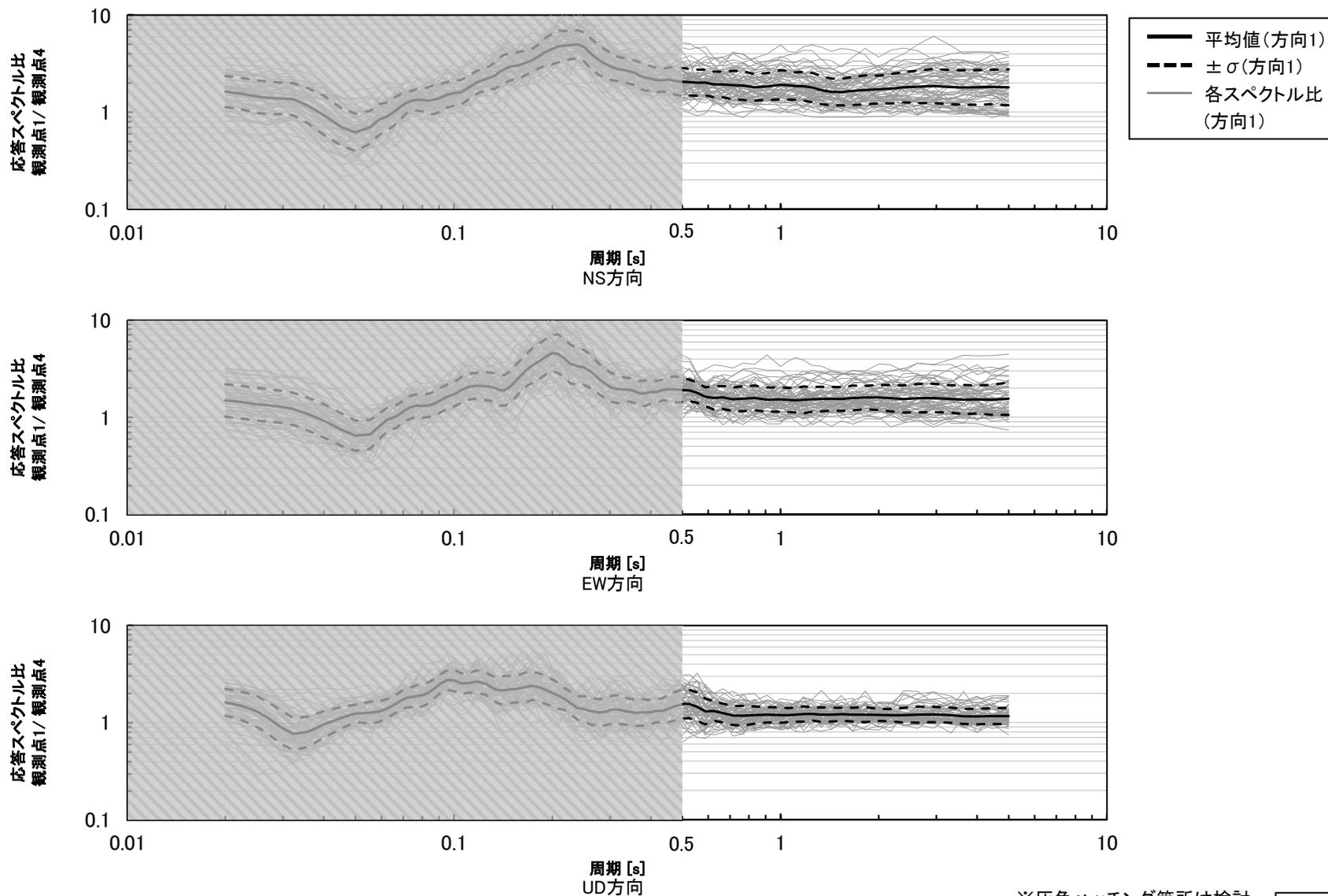
全方向 一観測点1/観測点4-



応答スペクトル比(観測点1/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

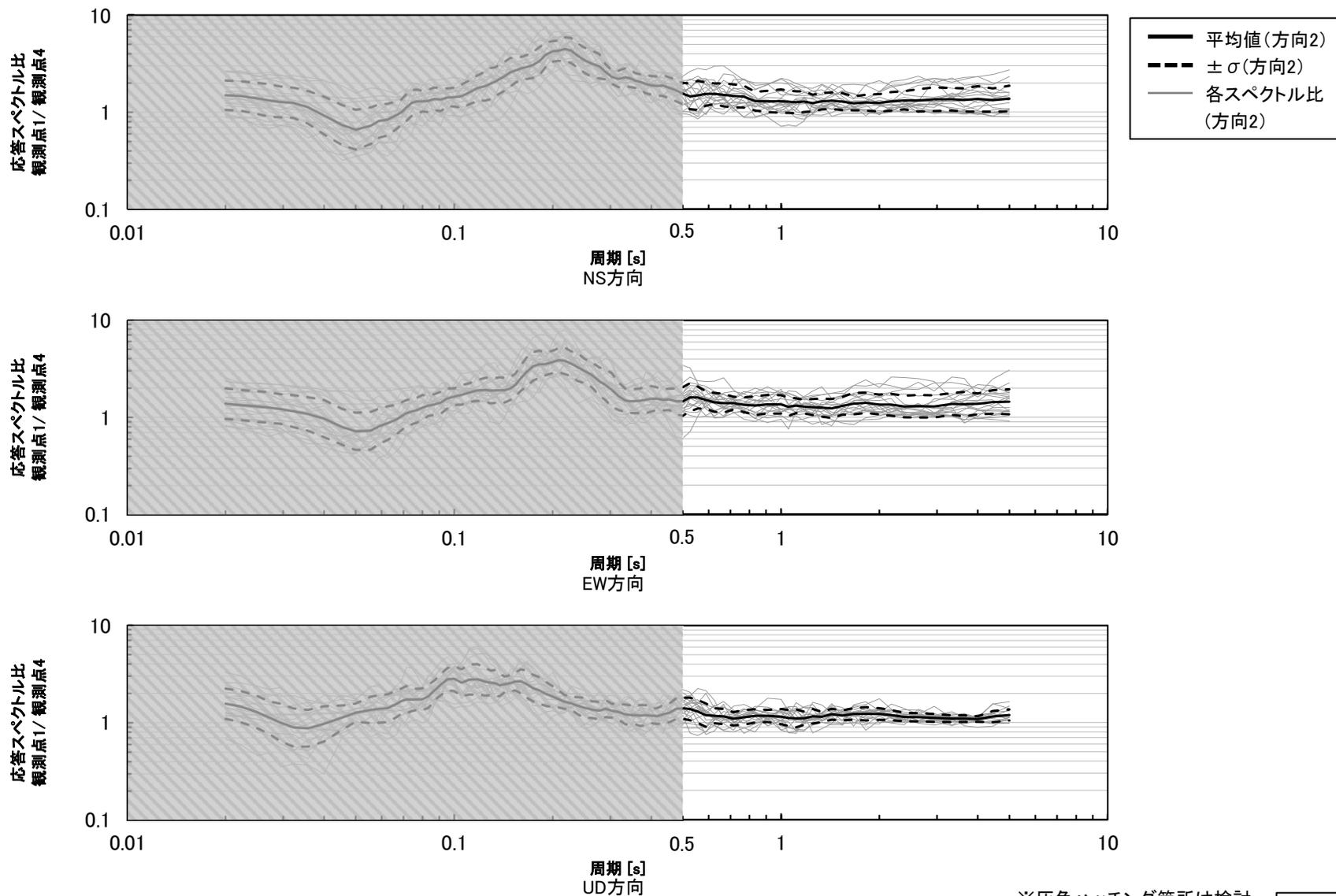
方向1 -観測点1/観測点4-



応答スペクトル比(観測点1/観測点4) (方向1)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

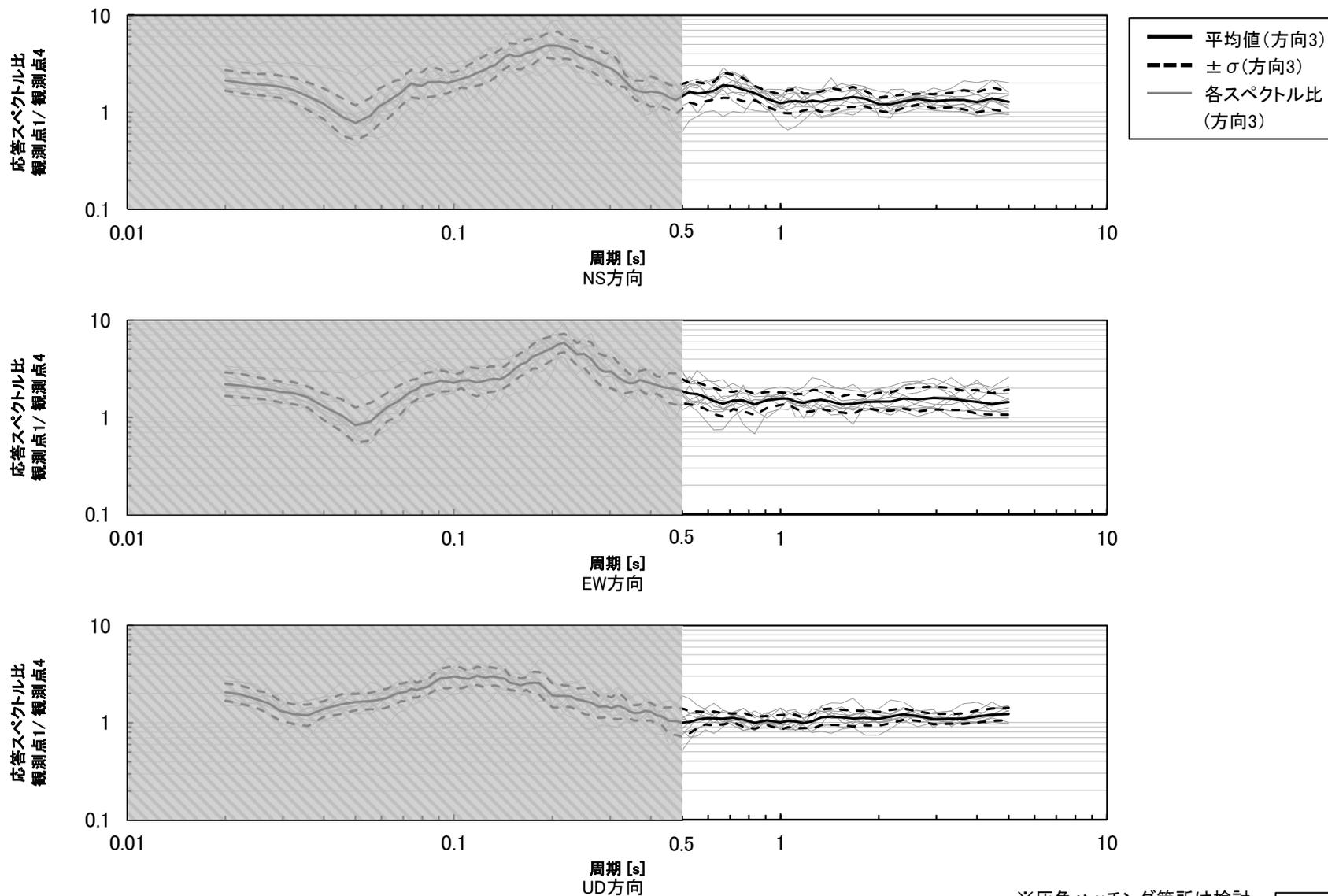
方向2 一観測点1/観測点4一



応答スペクトル比(観測点1/観測点4) (方向2)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

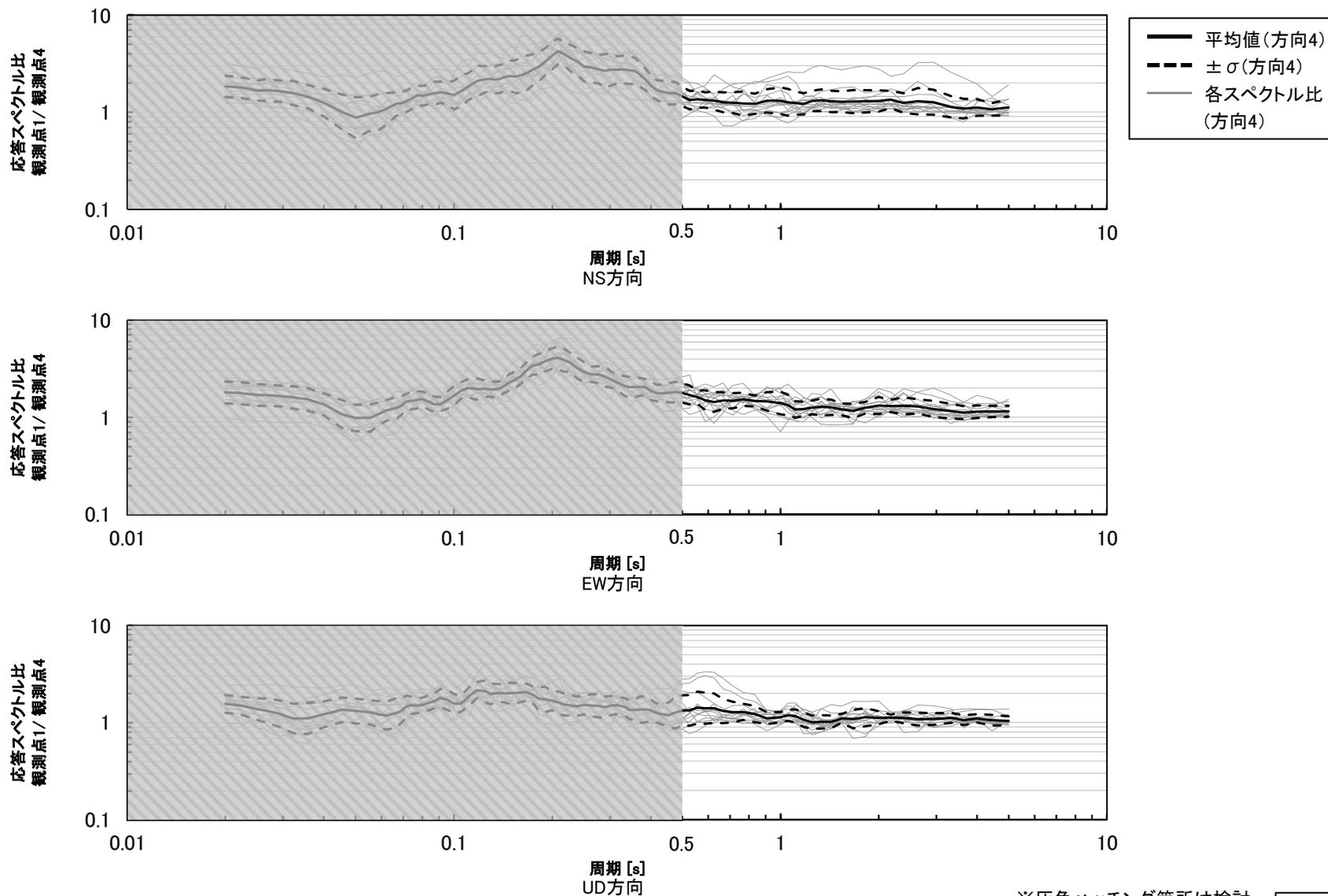
方向3 一観測点1/観測点4一



応答スペクトル比(観測点1/観測点4) (方向3)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

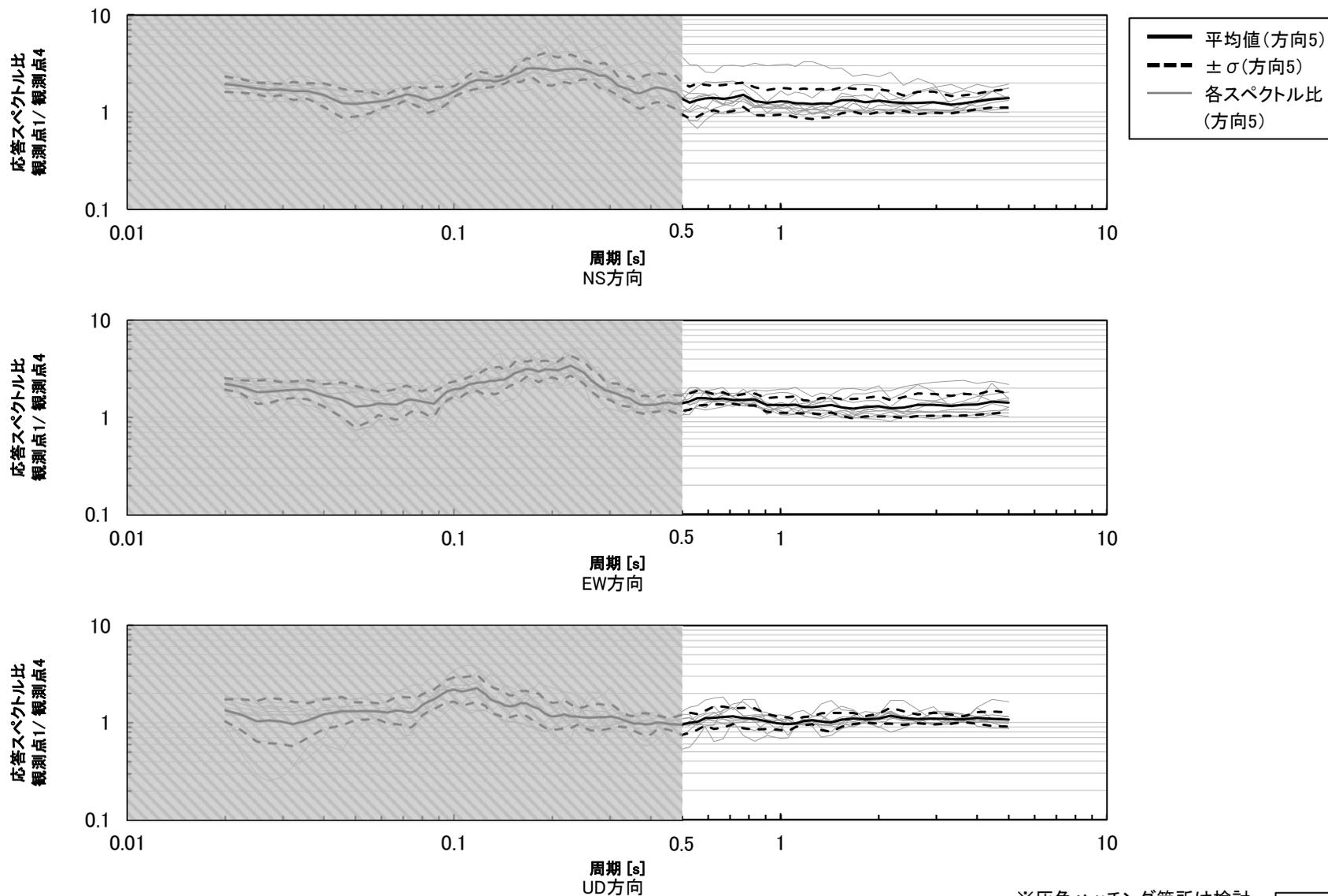
### 方向4 - 観測点1/観測点4-



応答スペクトル比(観測点1/観測点4) (方向4)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

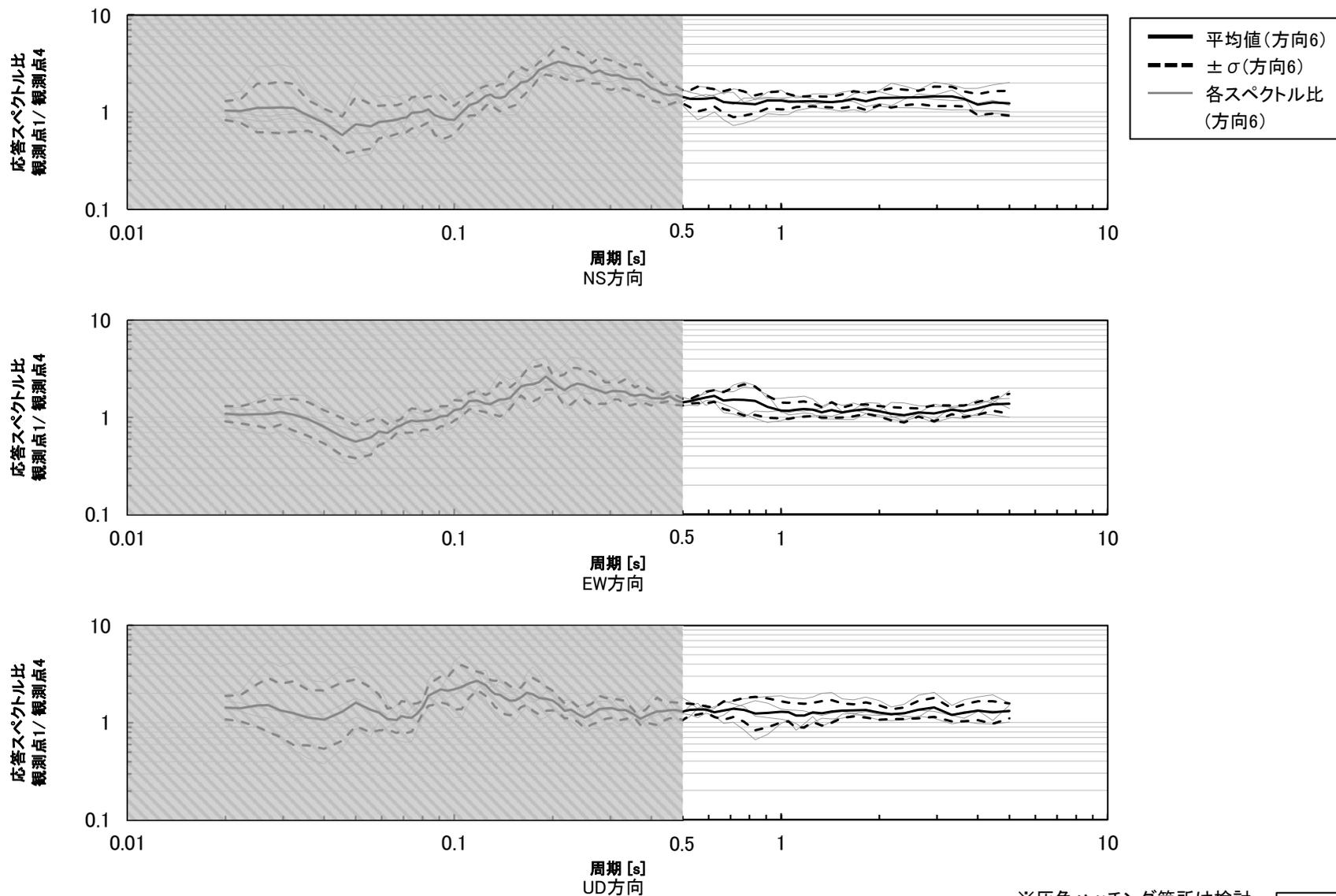
方向5 ー観測点1/観測点4ー



応答スペクトル比(観測点1/観測点4) (方向5)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

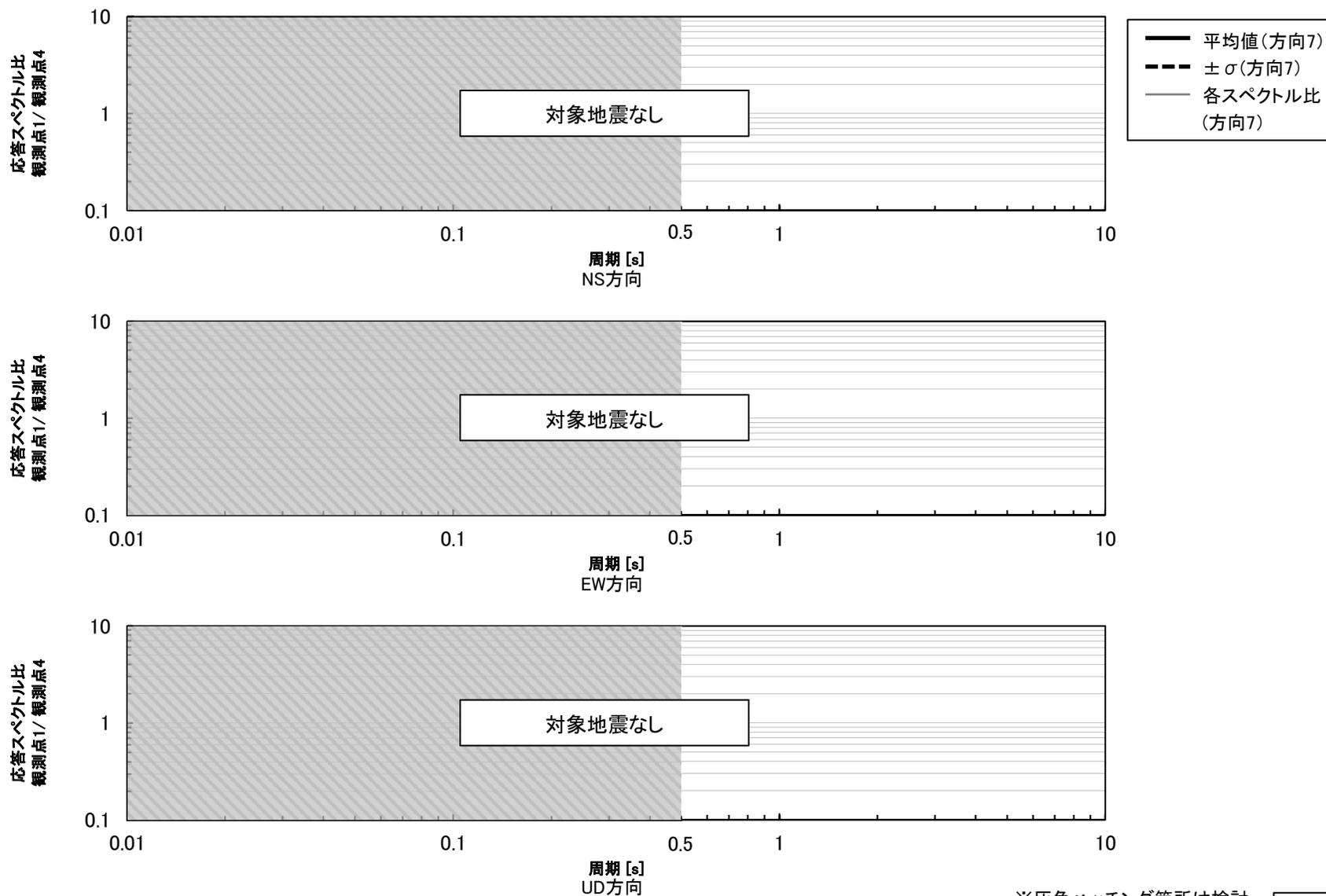
方向6 一観測点1/観測点4一



応答スペクトル比(観測点1/観測点4) (方向6)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

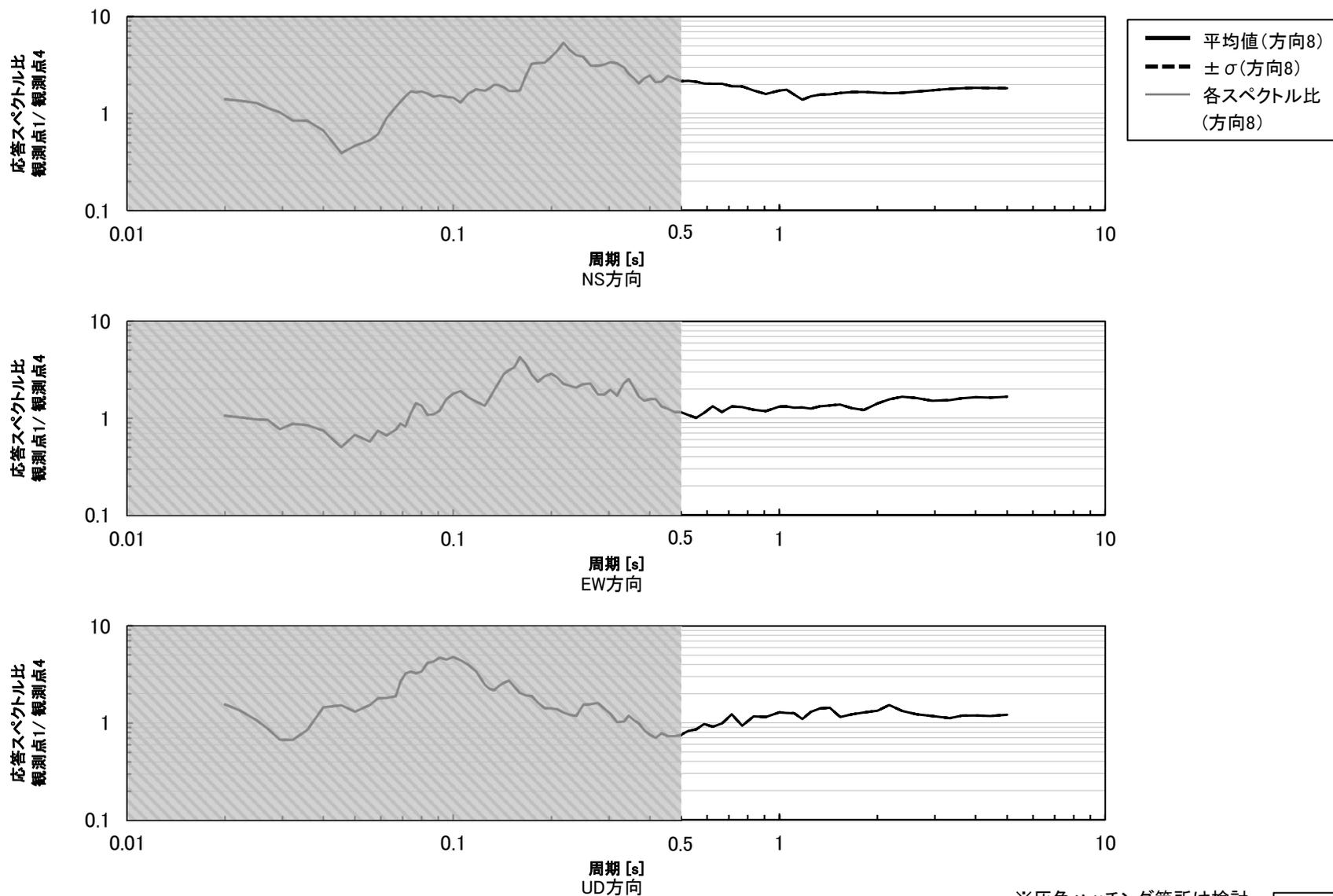
方向7 一観測点1/観測点4ー (対象地震なし)



応答スペクトル比(観測点1/観測点4) (方向7)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

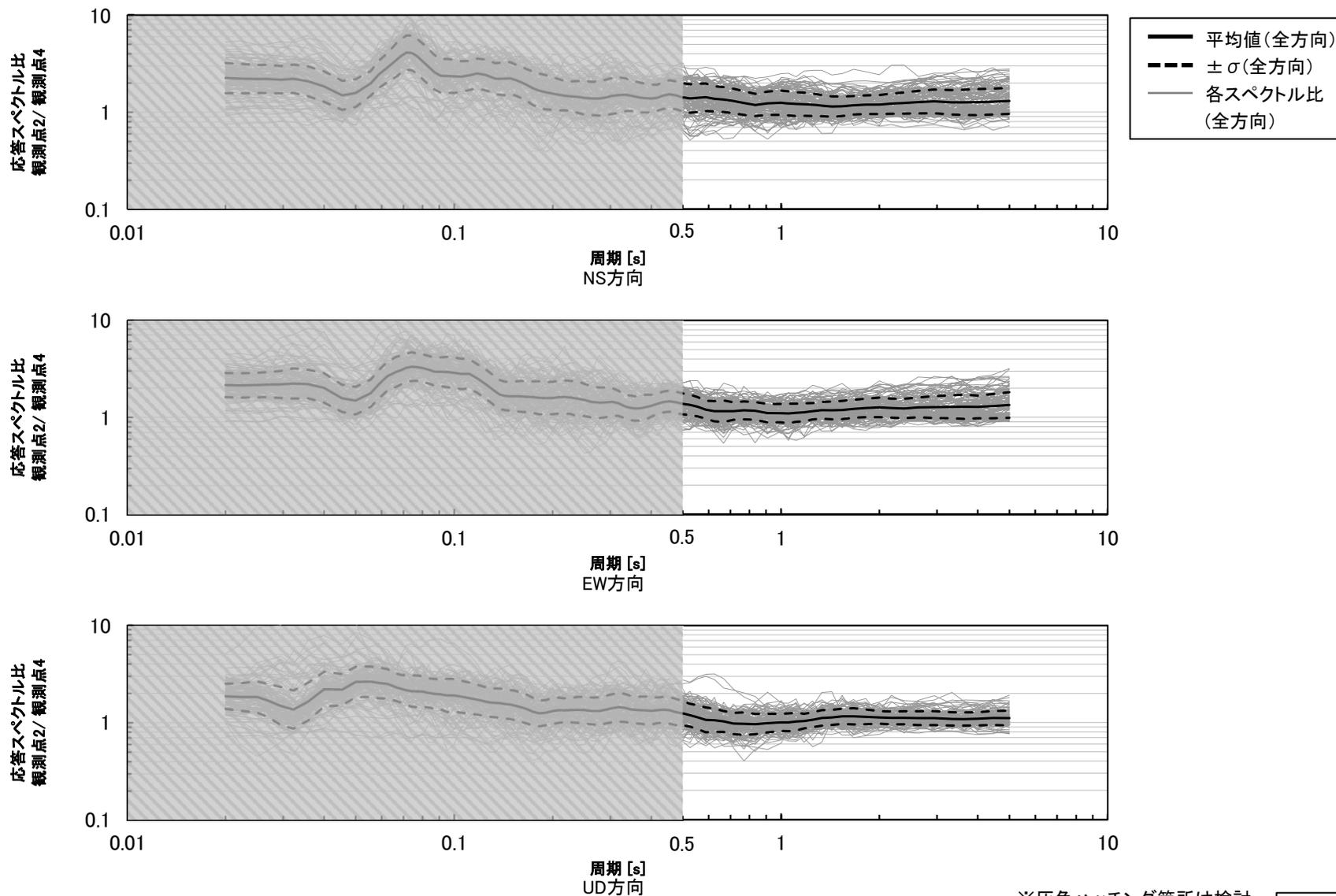
方向8 一観測点1/観測点4ー (参考)



応答スペクトル比(観測点1/観測点4) (方向8)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

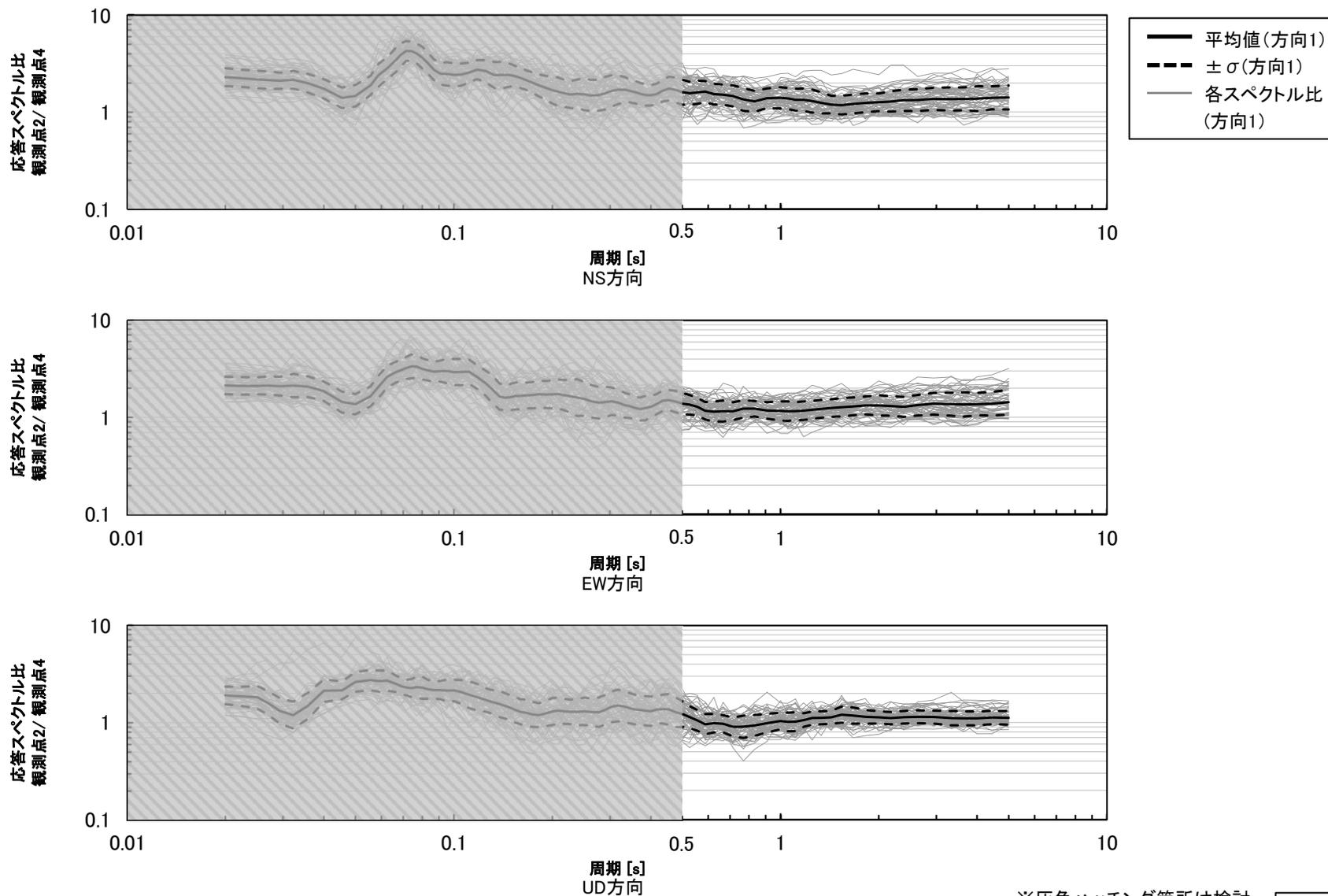
全方向 一観測点2/観測点4-



応答スペクトル比(観測点2/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

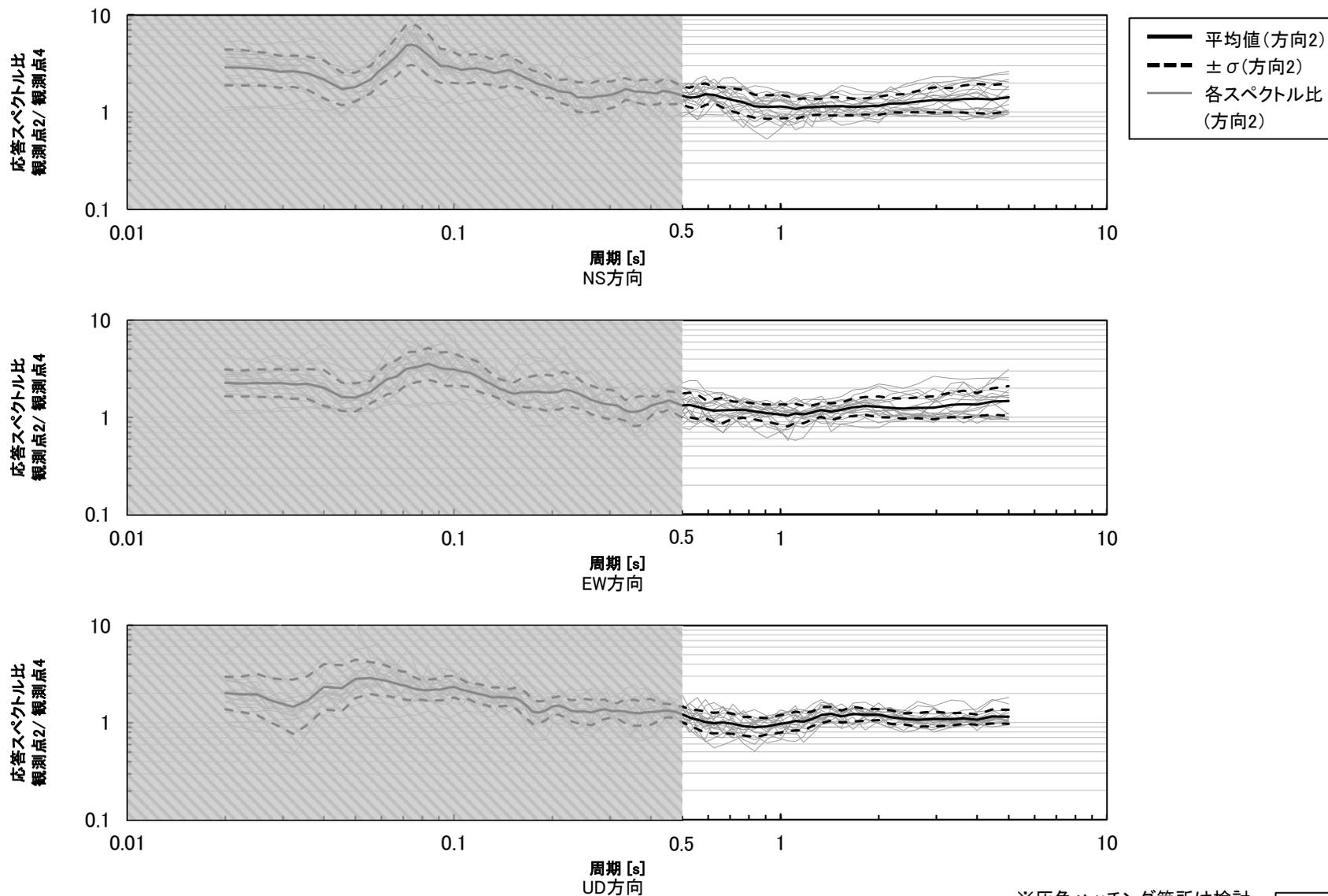
方向1 ー観測点2/観測点4ー



応答スペクトル比(観測点2/観測点4) (方向1)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

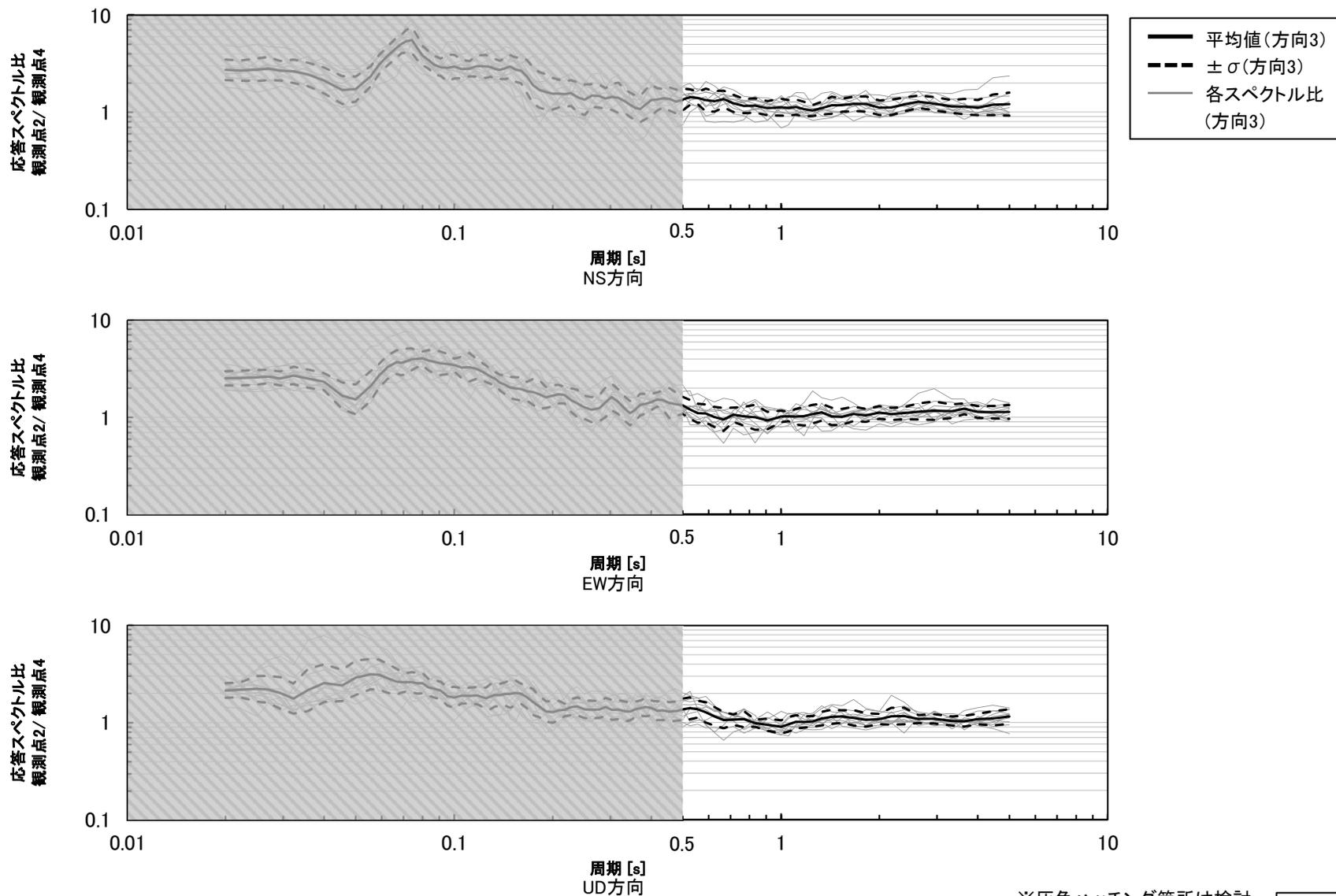
方向2 ー観測点2/観測点4ー



応答スペクトル比(観測点2/観測点4) (方向2)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

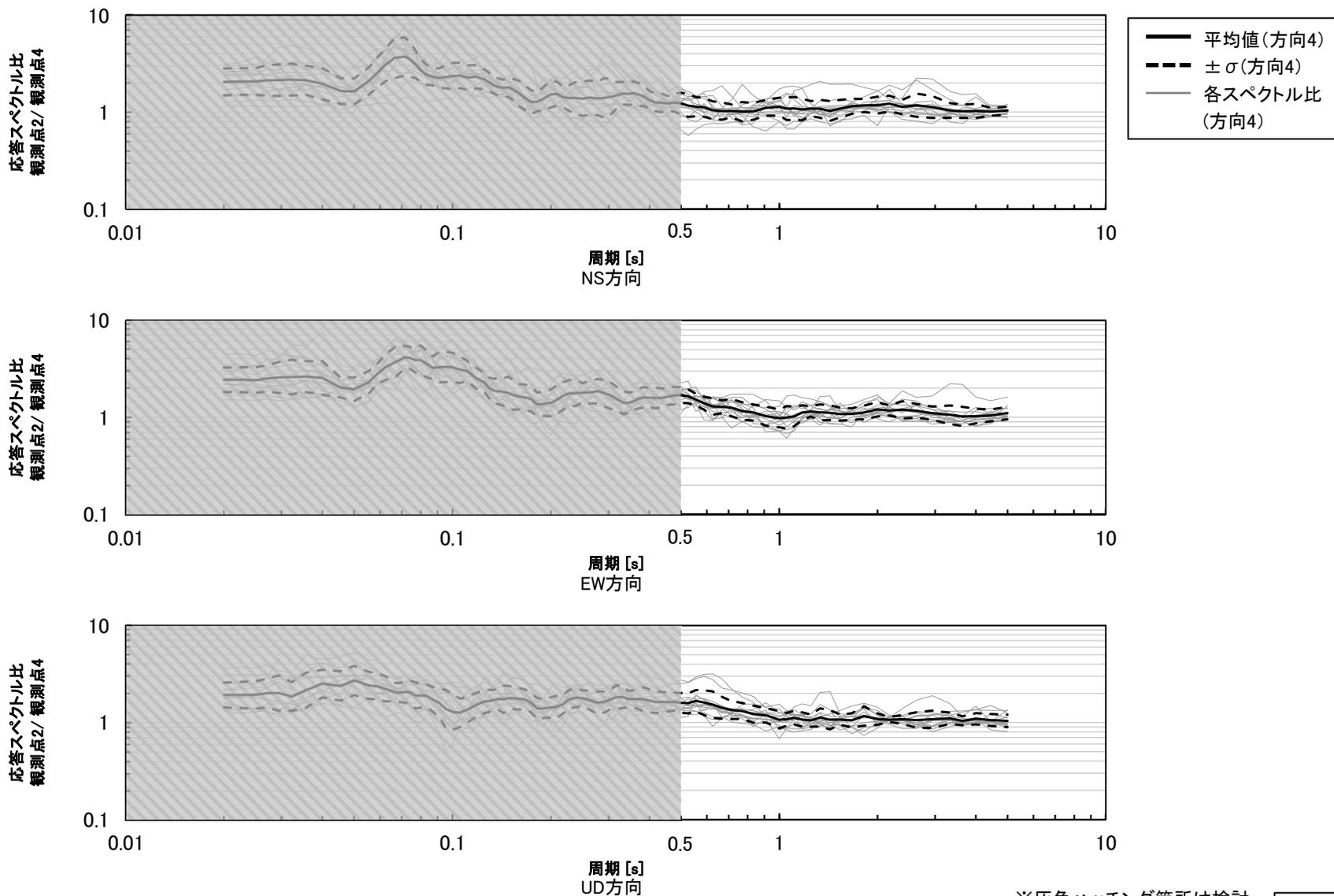
方向3 一観測点2/観測点4一



応答スペクトル比(観測点2/観測点4) (方向3)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

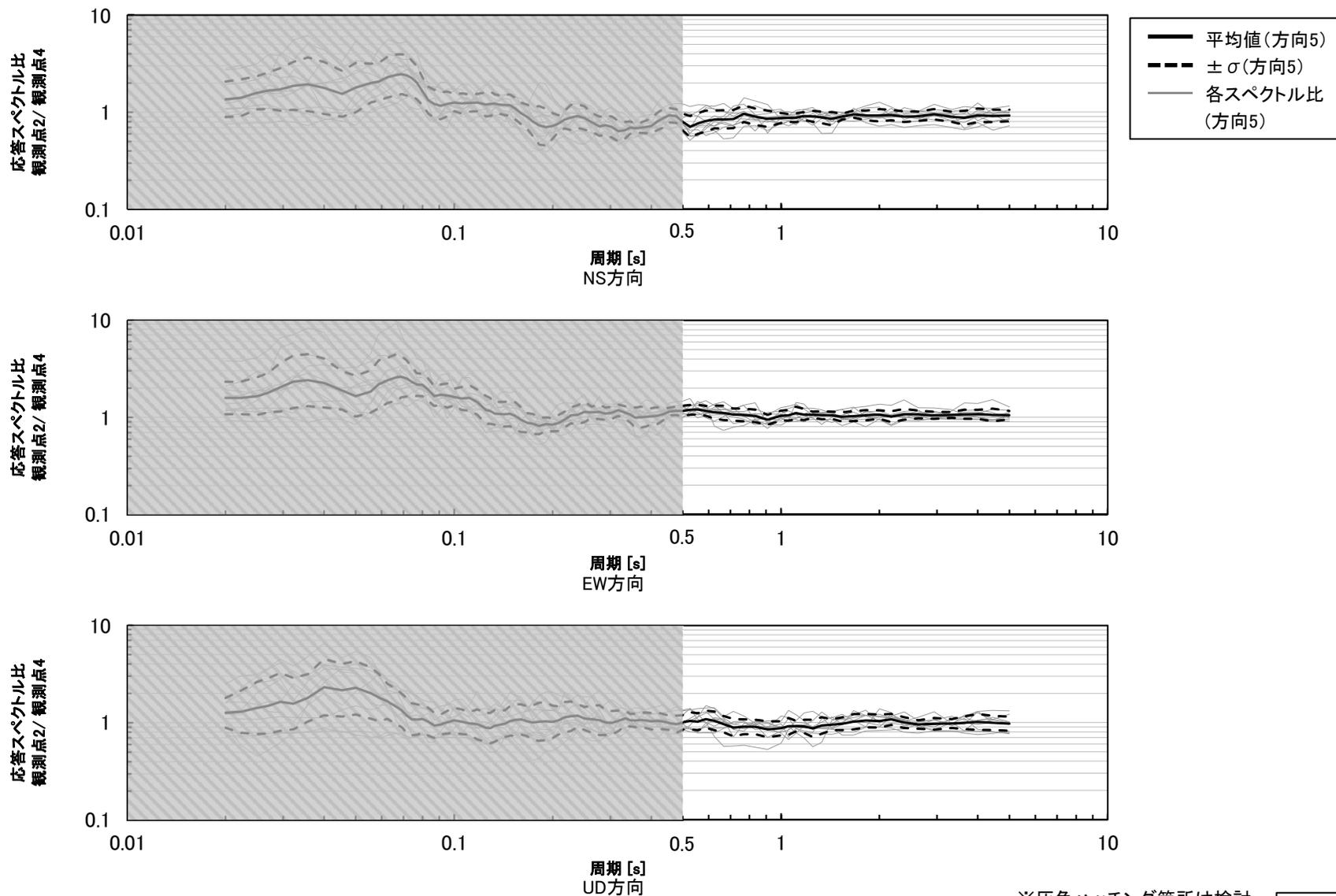
方向4 一観測点2/観測点4一



応答スペクトル比(観測点2/観測点4) (方向4)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

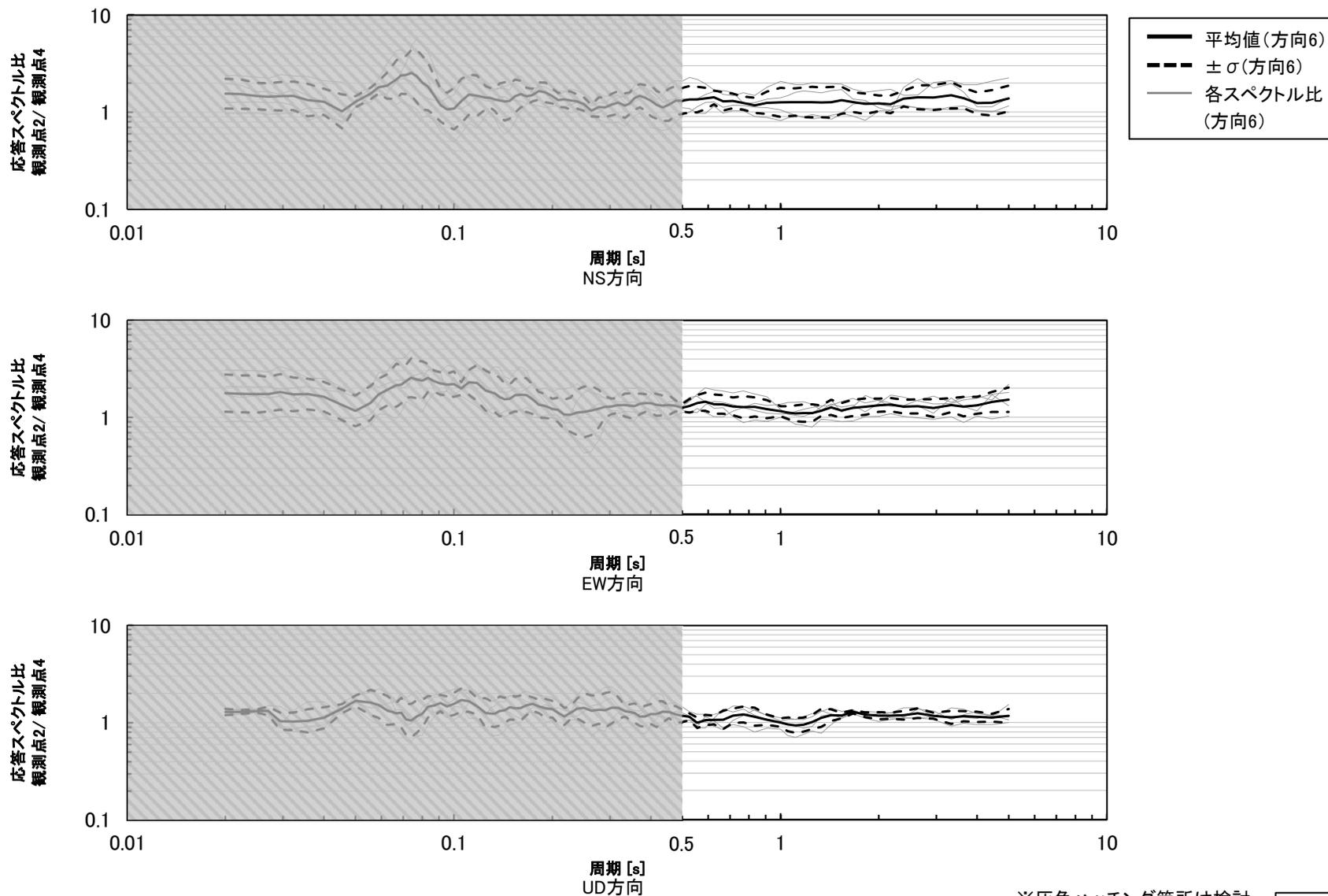
方向5 一観測点2/観測点4一



応答スペクトル比(観測点2/観測点4) (方向5)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

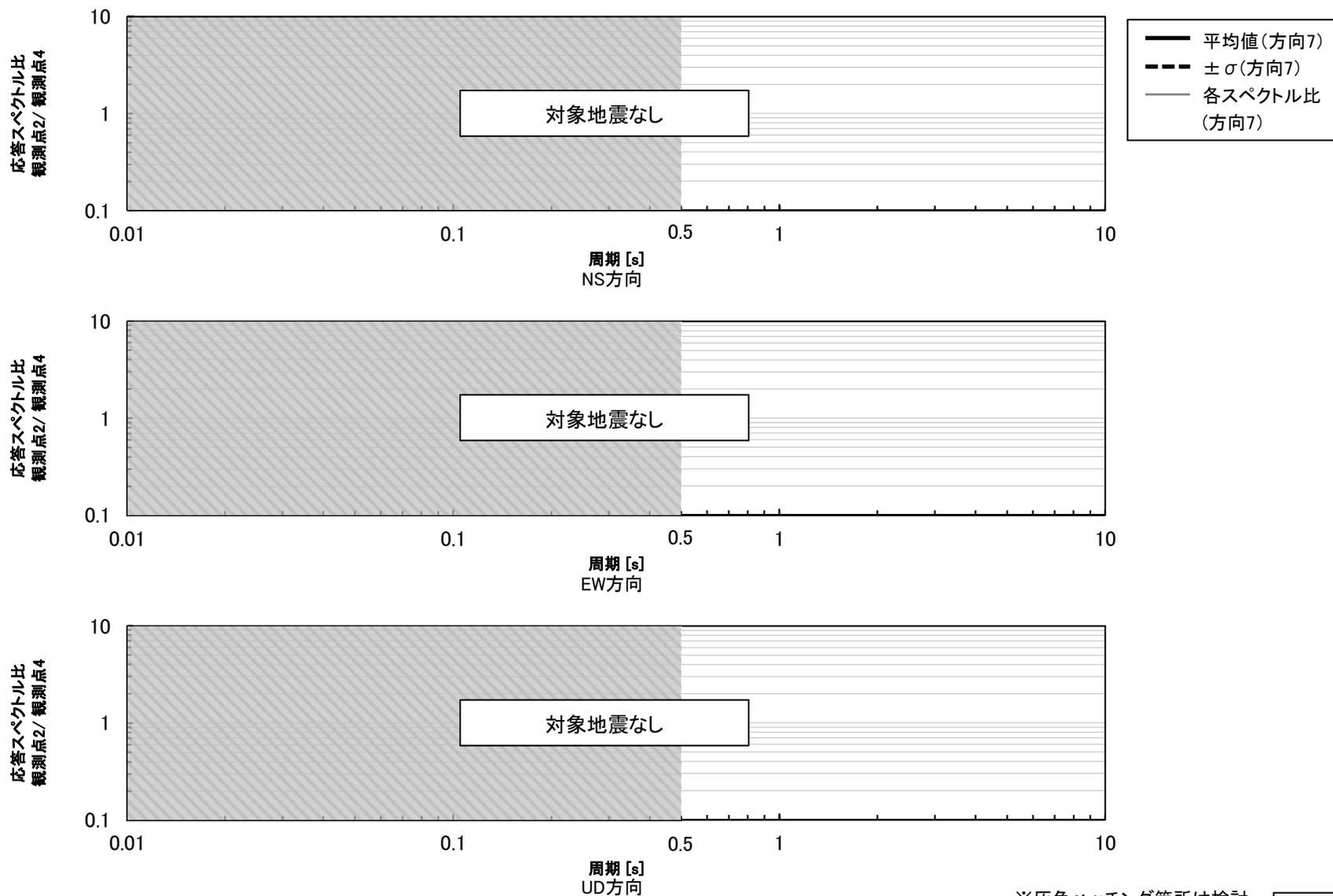
方向6 一観測点2/観測点4一



応答スペクトル比(観測点2/観測点4) (方向6)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

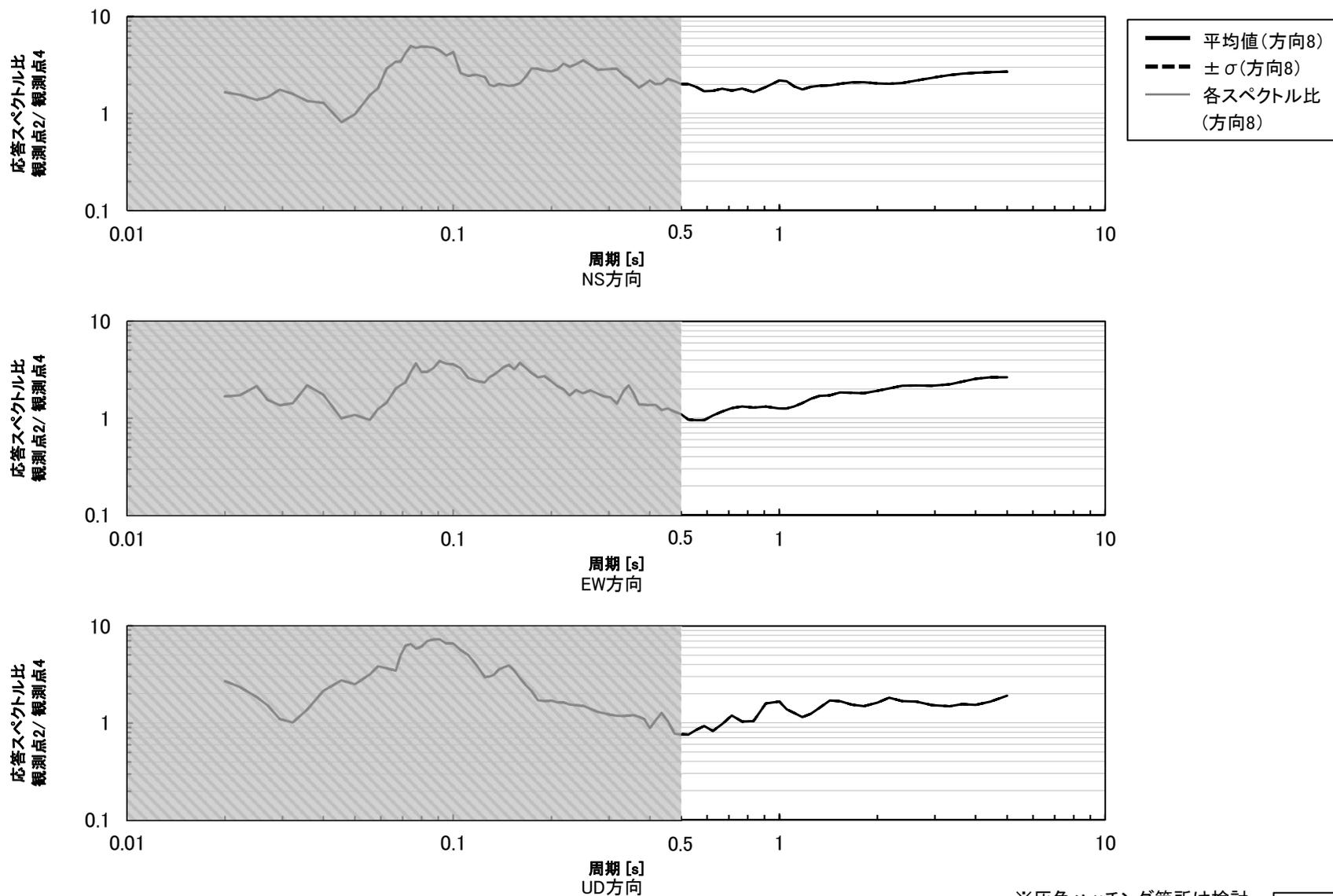
方向7 一観測点2/観測点4 (対象地震なし)



応答スペクトル比(観測点2/観測点4) (方向7)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

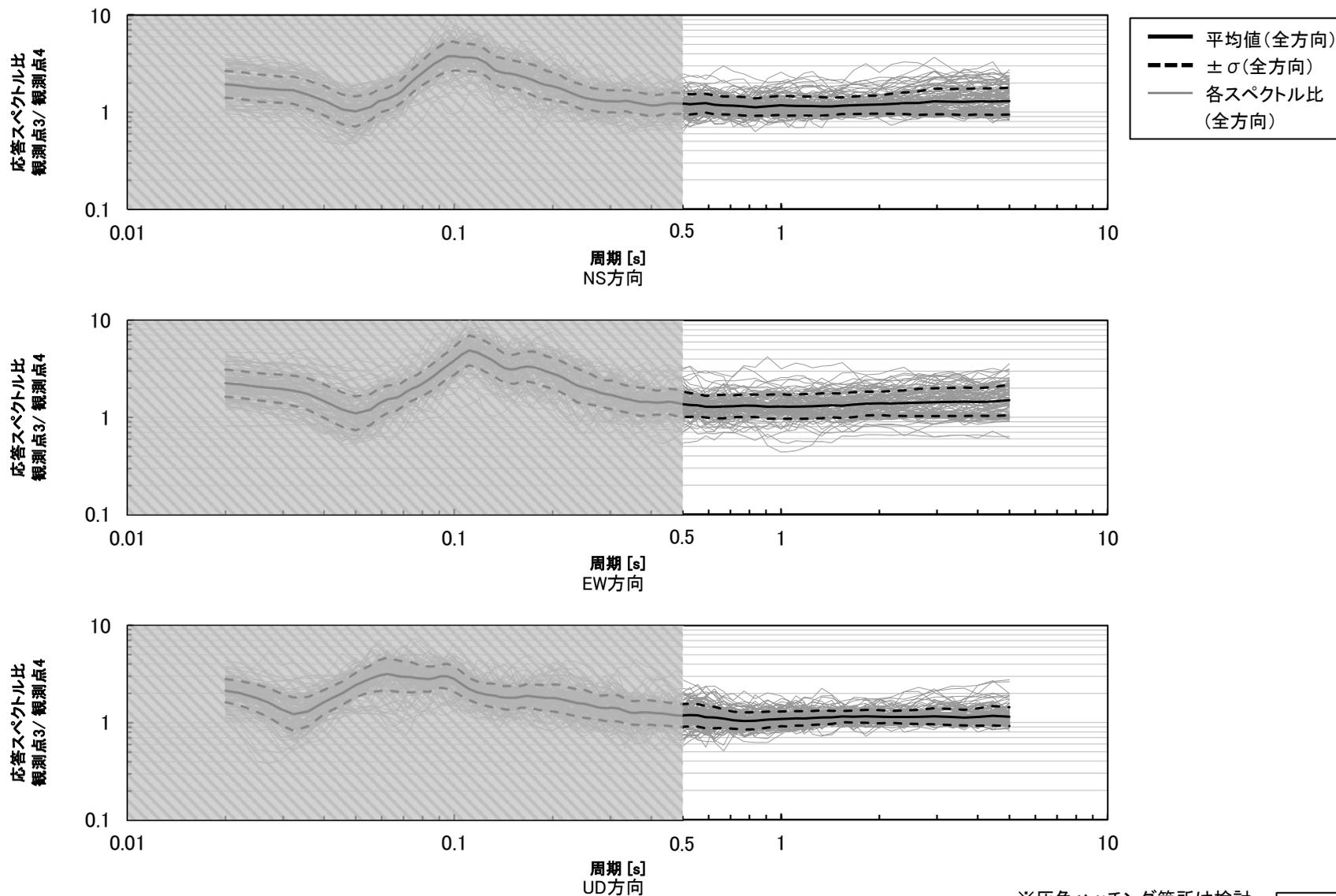
### 方向8 一観測点2/観測点4 (参考)



応答スペクトル比(観測点2/観測点4) (方向8)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

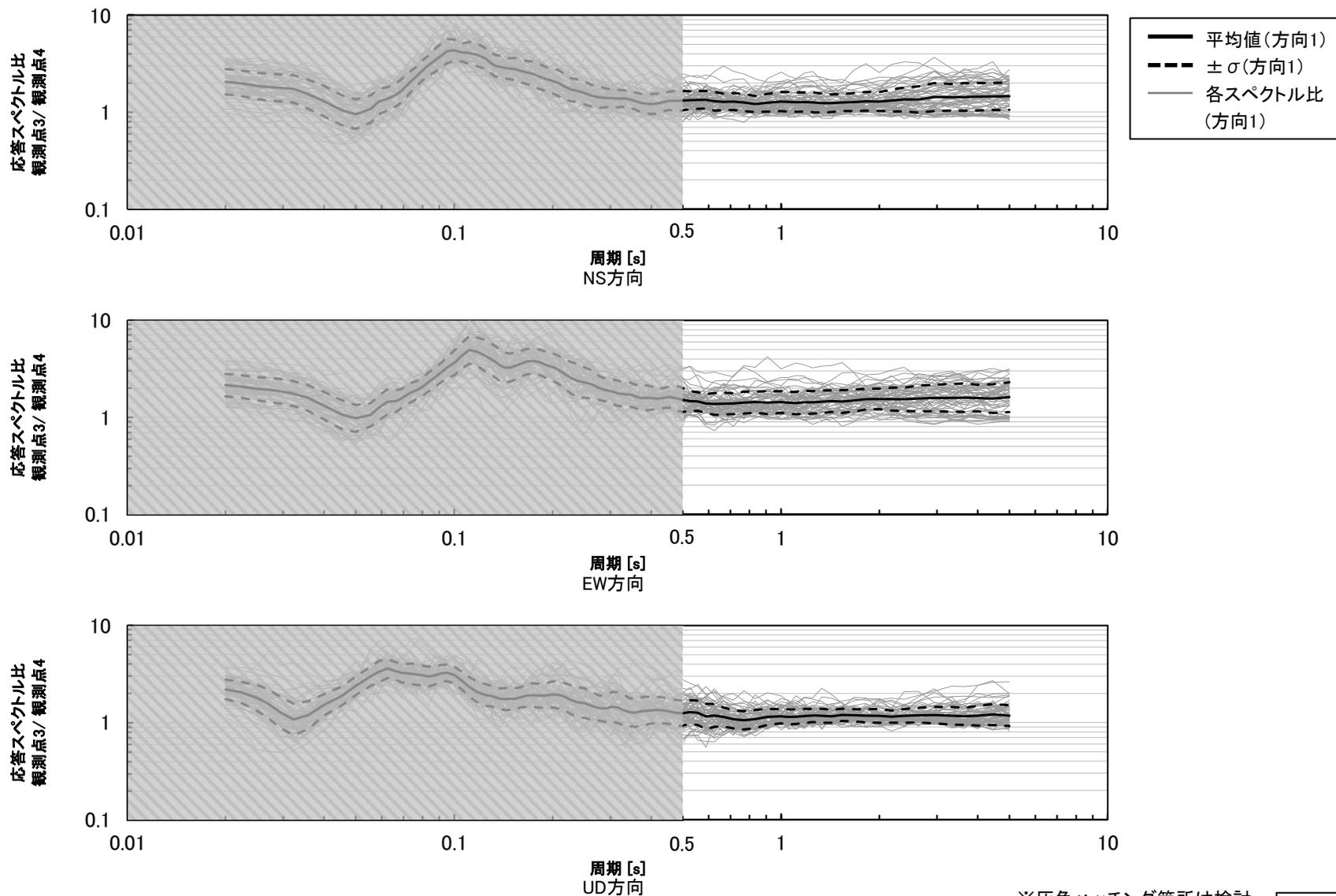
全方向 一観測点3/観測点4-



応答スペクトル比(観測点3/観測点4) (全方向)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

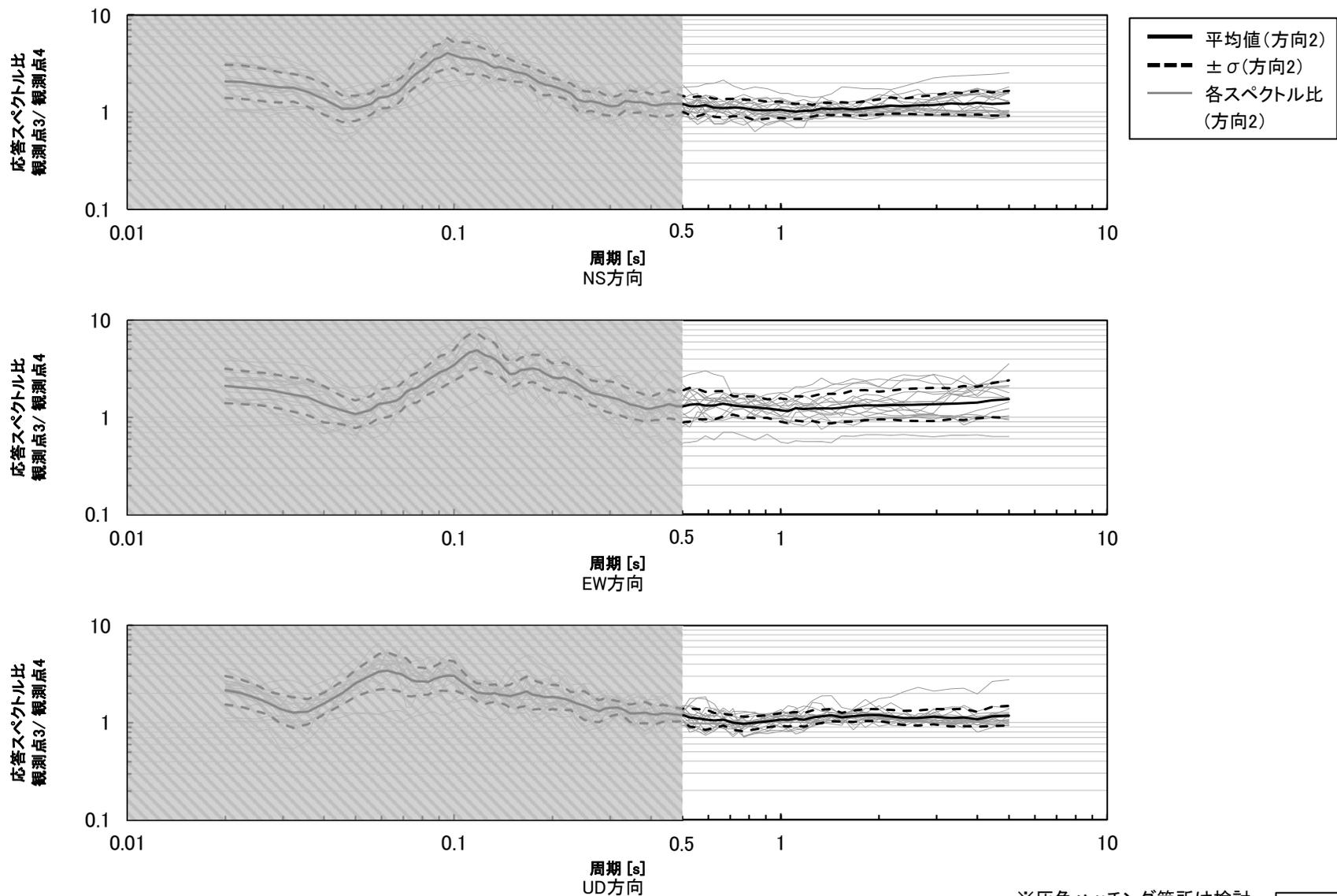
方向1 ー観測点3/観測点4ー



応答スペクトル比(観測点3/観測点4) (方向1)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

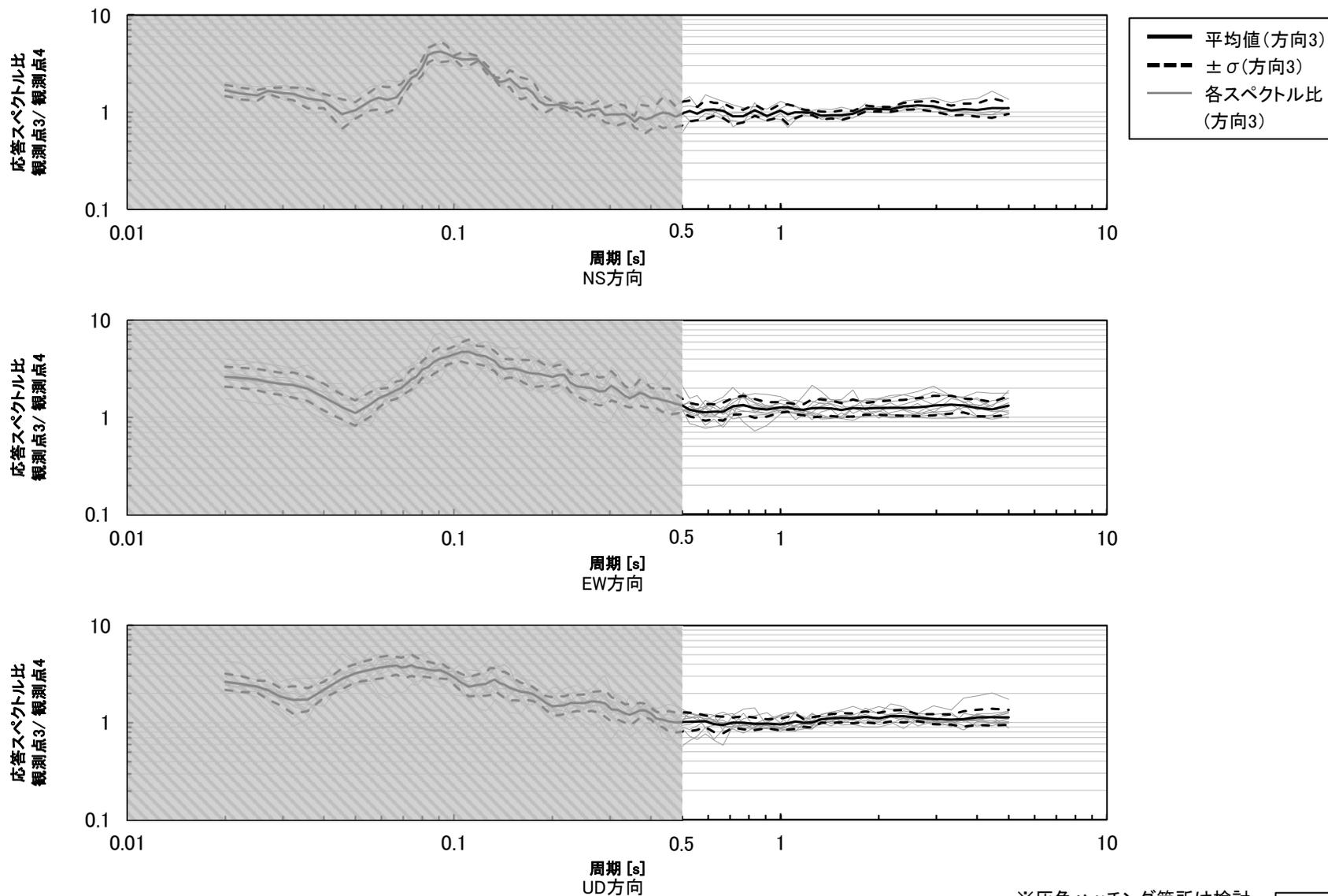
方向2 一観測点3/観測点4一



応答スペクトル比(観測点3/観測点4) (方向2)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

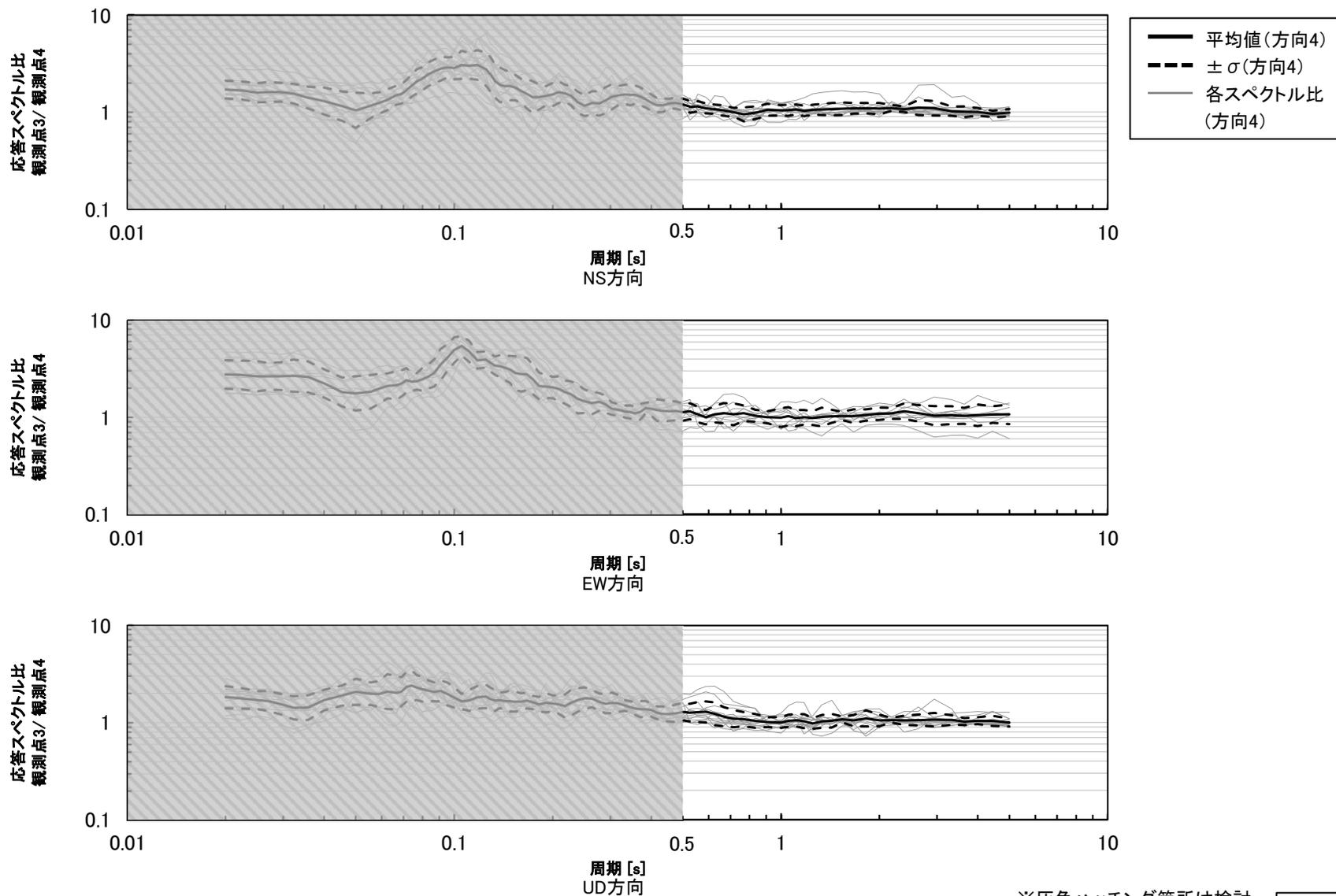
方向3 一観測点3/観測点4一



応答スペクトル比(観測点3/観測点4) (方向3)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

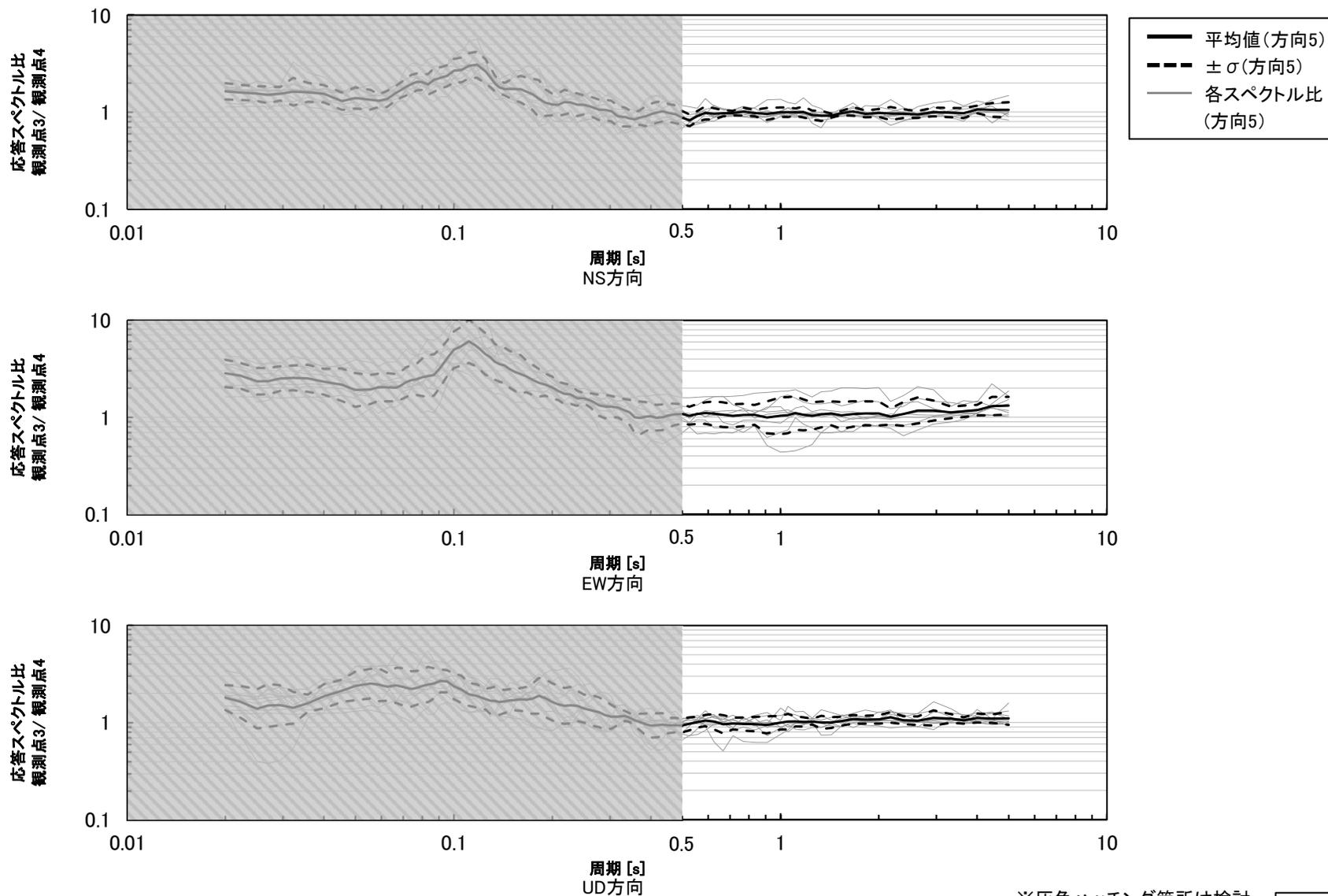
方向4 一観測点3/観測点4一



応答スペクトル比(観測点3/観測点4) (方向4)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

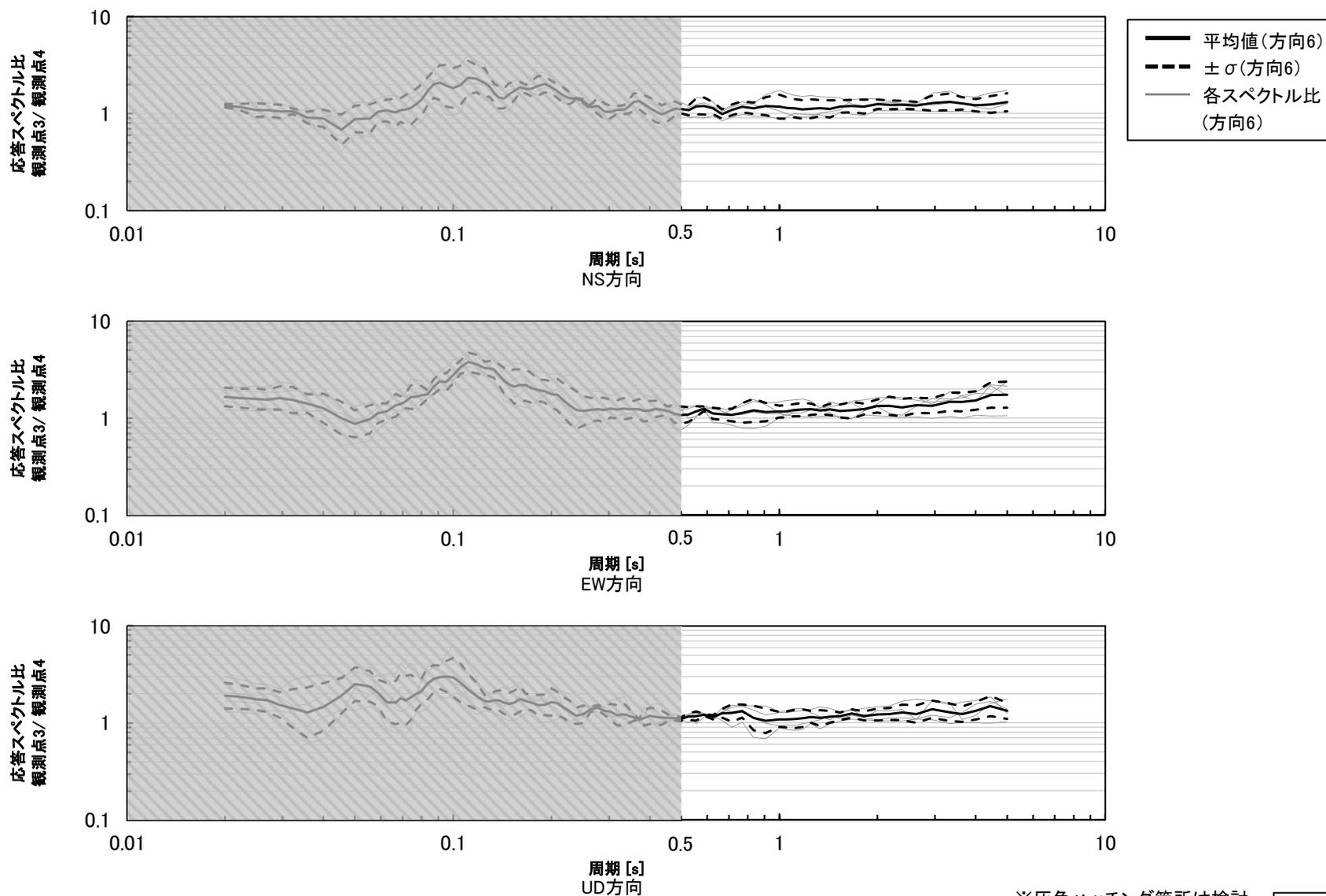
方向5 一観測点3/観測点4一



応答スペクトル比(観測点3/観測点4) (方向5)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

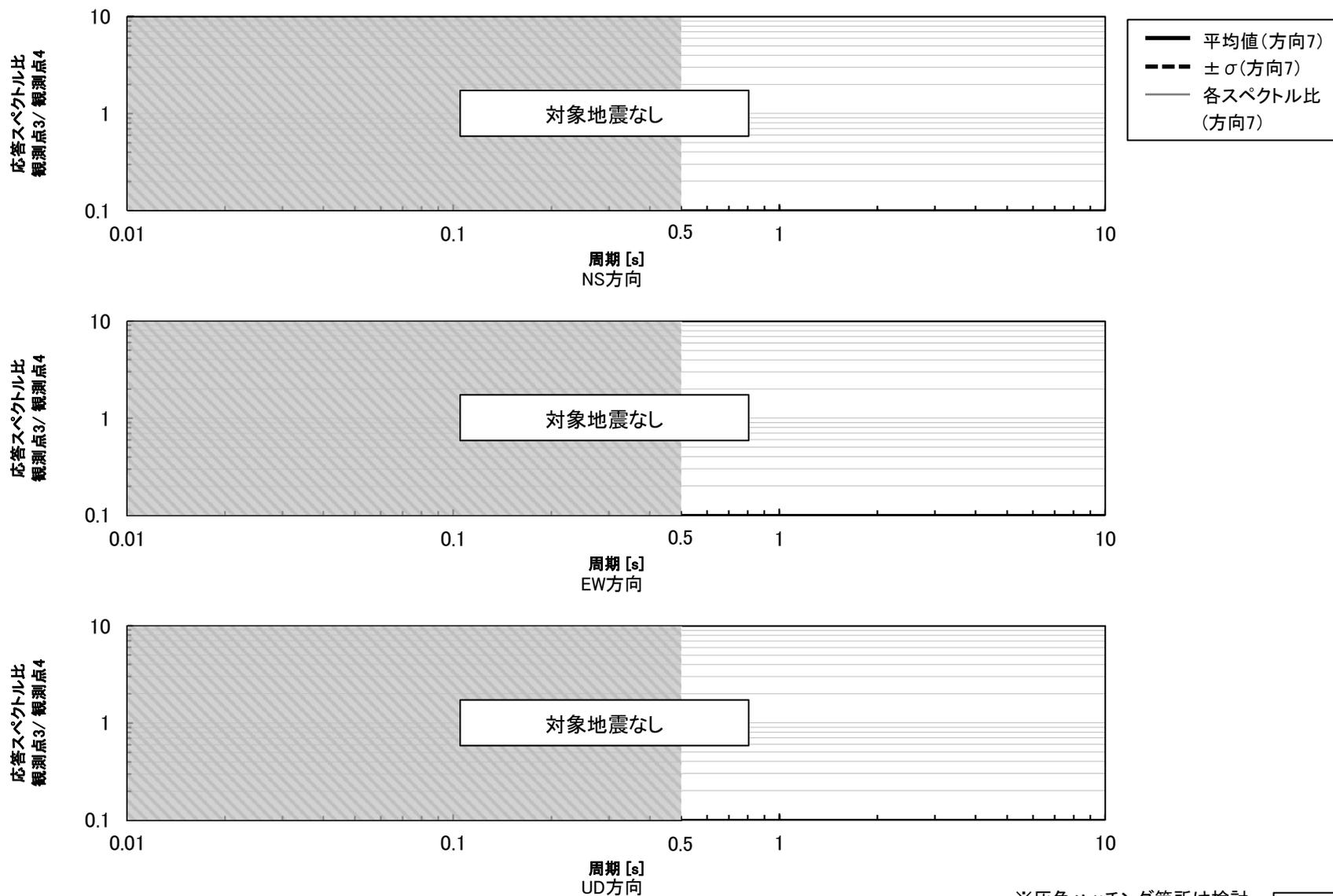
方向6 一観測点3/観測点4一



応答スペクトル比(観測点3/観測点4) (方向6)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

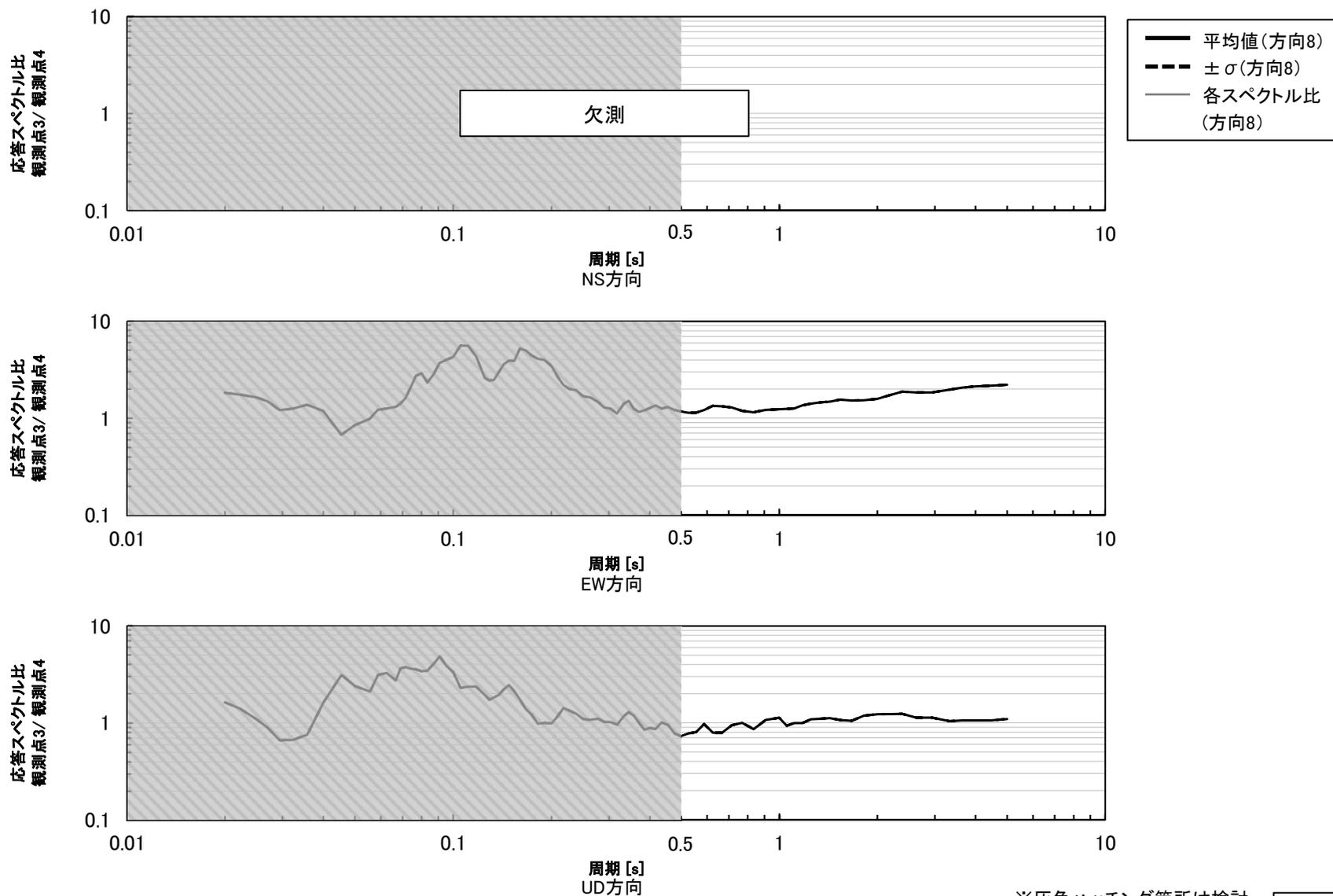
方向7 ー観測点3/観測点4ー (対象地震なし)



応答スペクトル比(観測点3/観測点4) (方向7)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

方向8 一観測点3/観測点4ー (参考)



応答スペクトル比(観測点3/観測点4) (方向8)

※灰色ハッチング箇所は検討対象外の周期帯を示す。

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## 3.2 水平アレー地震観測記録(地中)を用いた検討

## 検討の対象とした地震 ー地震の諸元ー

検討の対象とした地震の諸元\*

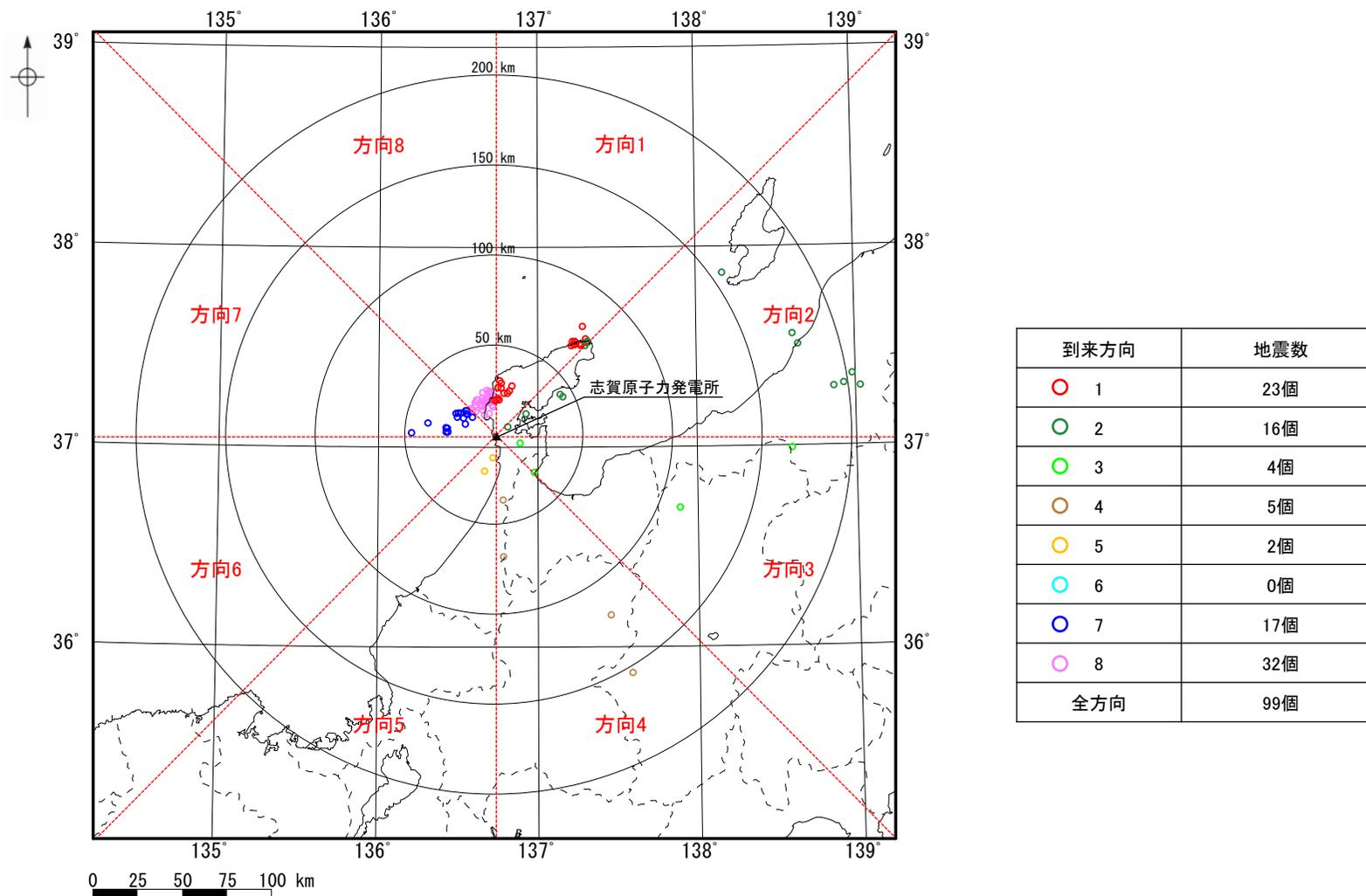
No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
1	2004/10/23	17:56	37.2925	138.8672	13.08	6.8	191.8	2
2	2004/10/23	18:03	37.3540	138.9833	9.38	6.3	202.9	2
3	2004/10/23	18:34	37.3063	138.9300	14.17	6.5	197.5	2
4	2004/10/27	10:40	37.2918	139.0333	11.60	6.1	206.4	2
5	2006/03/26	09:44	37.0180	136.8908	12.85	3.9	15.4	3
6	2007/03/25	09:41	37.2207	136.6860	10.70	6.9	18.1	8
7	2007/03/25	09:43	37.2558	136.7238	0.00	5.1	21.6	8
8	2007/03/25	09:54	37.2763	136.7008	6.77	4.5	24.0	8
9	2007/03/25	09:56	37.2290	136.7235	9.93	4.7	18.7	8
10	2007/03/25	10:11	37.2947	136.7518	7.97	4.5	26.1	1
11	2007/03/25	10:12	37.1850	136.6540	9.77	3.3	15.2	8
12	2007/03/25	10:16	37.2300	136.6573	5.41	4.1	19.8	8
13	2007/03/25	11:19	37.2670	136.7007	6.84	4.2	23.0	8
14	2007/03/25	11:58	37.2335	136.6178	2.78	4.2	21.5	8
15	2007/03/25	12:24	37.1995	136.7205	11.98	3.7	15.4	8
16	2007/03/25	13:02	37.2082	136.7180	12.48	3.9	16.4	8
17	2007/03/25	14:21	37.2223	136.6093	3.26	4.1	20.7	8
18	2007/03/25	14:55	37.1660	136.6953	10.37	3.8	12.0	8
19	2007/03/25	15:26	37.2065	136.6077	4.18	3.7	19.3	8
20	2007/03/25	15:43	37.2940	136.7718	8.90	4.5	26.2	1
21	2007/03/25	15:57	37.2288	136.7337	11.42	3.8	18.7	1
22	2007/03/25	16:53	37.2203	136.6657	7.72	3.7	18.5	8
23	2007/03/25	18:11	37.3043	136.8395	13.45	5.3	28.8	1
24	2007/03/25	19:07	37.2012	136.6545	9.46	3.1	16.9	8
25	2007/03/25	22:49	37.2753	136.6982	7.51	3.8	23.9	8
26	2007/03/26	02:14	37.1578	136.6695	11.96	4.2	11.9	8
27	2007/03/26	02:25	37.1838	136.5938	6.95	3.7	18.1	8
28	2007/03/26	07:16	37.1668	136.4893	0.00	5.3	24.2	7
29	2007/03/26	13:47	37.2703	136.6570	4.30	4.4	24.1	8
30	2007/03/26	14:46	37.1653	136.5518	8.62	4.8	19.4	7
31	2007/03/26	18:02	37.2762	136.7007	5.91	4.6	24.0	8
32	2007/03/26	18:35	37.1630	136.5608	8.44	3.6	18.6	7
33	2007/03/26	21:42	37.2618	136.7047	6.96	3.9	22.4	8
34	2007/03/27	06:48	37.1802	136.5483	5.44	3.6	20.7	7
35	2007/03/27	07:16	37.1143	136.5472	6.82	4.1	17.0	7
36	2007/03/27	11:33	37.2267	136.6793	7.43	3.8	18.9	8
37	2007/03/27	12:28	37.2430	136.7492	10.63	3.8	20.3	1
38	2007/03/28	00:57	37.2510	136.7215	9.89	4.0	21.1	8
39	2007/03/28	08:08	37.2223	136.7088	13.29	4.9	18.0	8
40	2007/03/28	10:51	37.1757	136.6118	10.18	4.6	16.3	8
41	2007/03/28	13:05	37.2820	136.6832	6.79	4.7	24.9	8
42	2007/03/28	21:16	37.1903	136.5823	6.10	3.8	19.3	8
43	2007/03/31	08:09	37.2347	136.7598	13.47	4.4	19.5	1
44	2007/04/02	08:01	37.2073	136.6468	6.99	4.1	17.7	8
45	2007/04/05	15:14	37.0735	136.4387	8.33	4.3	25.7	7
46	2007/04/06	15:18	37.2673	136.7902	11.68	4.3	23.6	1
47	2007/04/06	21:42	37.0955	136.4252	6.82	4.7	27.1	7
48	2007/04/06	23:55	37.0922	136.4342	6.72	4.3	26.2	7
49	2007/04/11	22:11	37.0742	136.4268	8.20	4.3	26.7	7
50	2007/04/13	09:02	37.1687	136.5165	0.00	3.7	22.2	7

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
51	2007/04/16	15:29	37.1802	136.5553	0.47	4.0	20.2	7
52	2007/04/26	11:30	37.2342	136.7443	10.90	3.9	19.3	1
53	2007/05/02	20:44	37.3307	136.7628	6.59	4.7	30.1	1
54	2007/05/11	02:12	37.1185	136.3117	10.56	4.5	37.4	7
55	2007/05/12	13:42	37.1683	136.5023	5.78	3.8	23.2	7
56	2007/06/08	03:17	37.2245	136.6762	7.75	3.4	18.7	8
57	2007/06/11	03:45	37.2442	136.6547	7.29	5.0	21.3	8
58	2007/06/22	03:34	36.8780	136.6677	7.50	4.6	21.0	5
59	2007/07/16	10:13	37.5568	138.6095	16.75	6.8	175.8	2
60	2007/07/16	15:37	37.5040	138.6445	22.53	5.8	177.0	2
61	2007/09/20	20:05	37.1485	136.4970	8.94	3.9	22.6	7
62	2008/01/26	04:33	37.3188	136.7733	11.30	4.8	28.9	1
63	2008/03/17	07:00	37.0693	136.2100	7.06	4.5	46.0	7
64	2008/04/29	06:58	37.2325	136.7308	10.91	3.8	19.1	1
65	2008/05/02	05:46	37.2347	136.6207	3.78	4.0	21.5	8
66	2008/07/15	14:41	37.1470	136.5913	10.35	3.9	15.4	7
67	2008/07/27	10:53	37.0998	136.8142	2.08	3.2	8.9	2
68	2009/05/23	05:15	37.1438	136.5355	10.91	3.9	19.3	7
69	2009/08/11	05:07	34.7862	138.4993	23.32	6.5	298.8	4
70	2011/02/27	05:38	36.1563	137.4547	4.34	5.5	119.7	4
71	2011/03/12	03:59	36.9860	138.5978	8.38	6.7	166.7	3
72	2012/02/08	21:01	37.8653	138.1708	13.62	5.7	155.9	2
73	2013/04/04	01:58	36.7340	136.7850	12.93	4.2	36.6	4
74	2014/09/27	00:35	37.2377	136.6780	8.30	4.1	20.1	8
75	2014/11/22	22:08	36.6928	137.8910	4.59	6.7	111.5	3
76	2015/02/01	00:42	37.2618	137.1442	14.84	4.4	43.3	2
77	2015/04/21	05:15	36.9450	136.7195	7.58	3.1	12.9	5
78	2017/06/25	07:02	35.8680	137.5865	6.66	5.6	153.2	4
79	2017/11/09	12:23	37.1645	136.9287	15.72	3.7	21.3	2
80	2018/01/05	11:02	36.8712	136.9803	13.65	4.0	30.9	3
81	2020/03/13	02:18	37.2797	136.8245	12.33	5.5	25.8	1
82	2020/04/06	05:00	37.2677	136.8118	12.05	4.0	24.2	1
83	2020/09/02	02:49	36.4500	136.7873	8.50	4.6	68.0	4
84	2021/06/03	10:31	37.2493	137.1605	15.32	4.1	43.8	2
85	2021/06/26	01:24	37.5097	137.2358	13.53	4.1	67.2	1
86	2021/09/16	18:42	37.5053	137.3008	13.12	5.1	70.9	2
87	2021/10/03	11:10	37.5110	137.2302	13.24	4.3	67.0	1
88	2022/03/08	01:58	37.5248	137.2372	13.51	4.8	68.6	1
89	2022/06/19	15:08	37.5153	137.2763	13.14	5.4	70.1	1
90	2022/06/20	10:31	37.5220	137.3220	13.86	5.0	73.5	2
91	2022/06/20	14:50	37.5260	137.3147	13.79	4.3	73.4	2
92	2023/01/06	13:44	37.5065	137.2743	13.42	4.5	69.3	1
93	2023/05/05	14:42	37.5390	137.3045	12.14	6.5	73.8	1
94	2023/05/05	14:53	37.5257	137.2218	12.81	5.0	67.7	1
95	2023/05/05	21:58	37.5263	137.2355	13.70	5.9	68.6	1
96	2023/05/05	23:18	37.5048	137.2138	13.78	4.3	65.5	1
97	2023/05/09	05:14	37.5208	137.3103	14.52	4.7	72.7	2
98	2023/05/09	05:16	37.5262	137.3173	13.86	4.4	73.6	2
99	2023/05/10	07:14	37.6010	137.2857	12.34	4.9	77.8	1

※ 震央の方位は志賀原子力発電所から震央位置を望む方位を示す。(番号の示す方位は次頁参照)

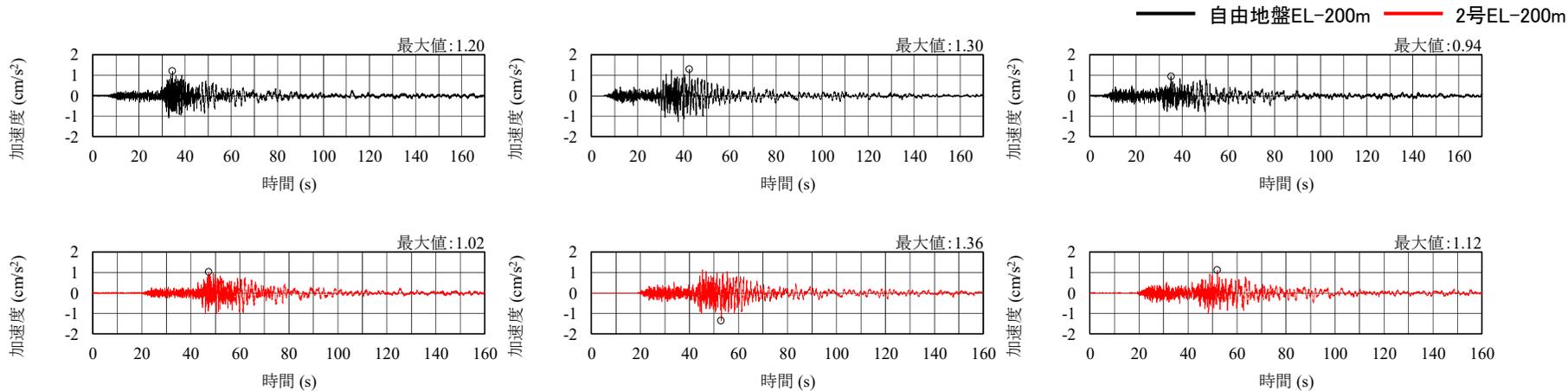
\* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

検討の対象とした地震 ー震央分布図ー



検討の対象とした地震の震央分布図

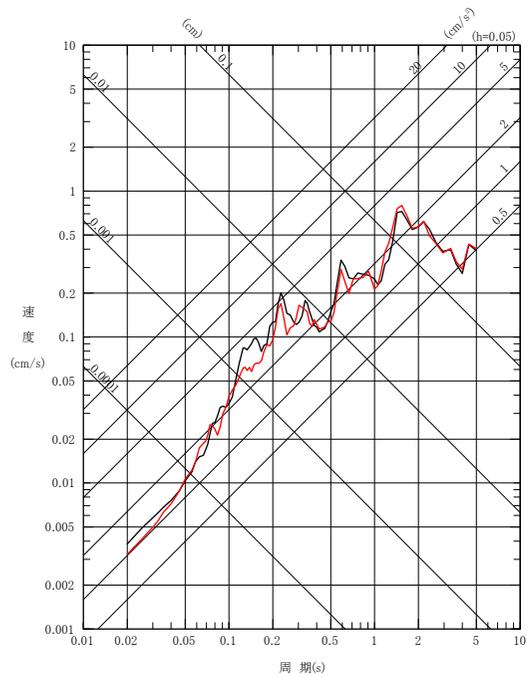
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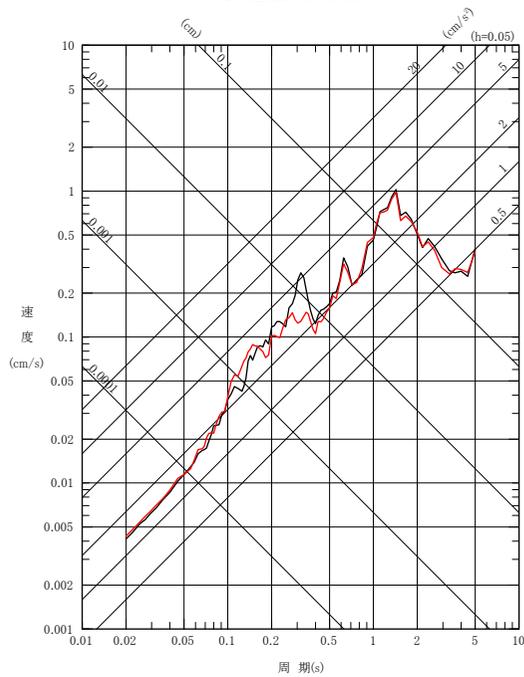
NS方向

EW方向  
加速度時刻歴波形

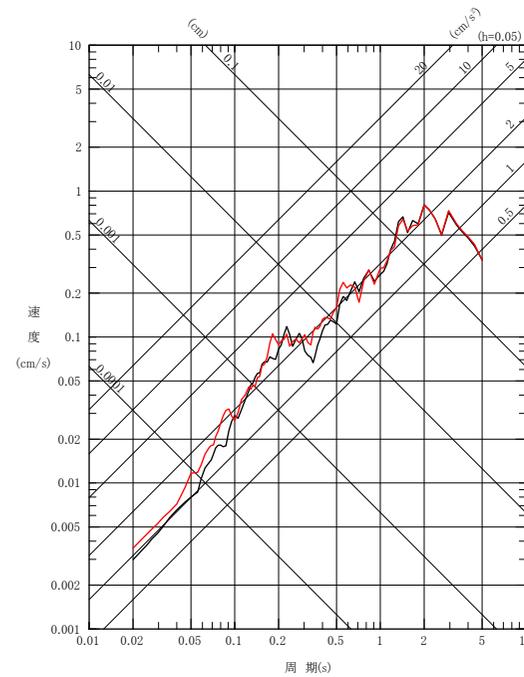
UD方向



NS方向

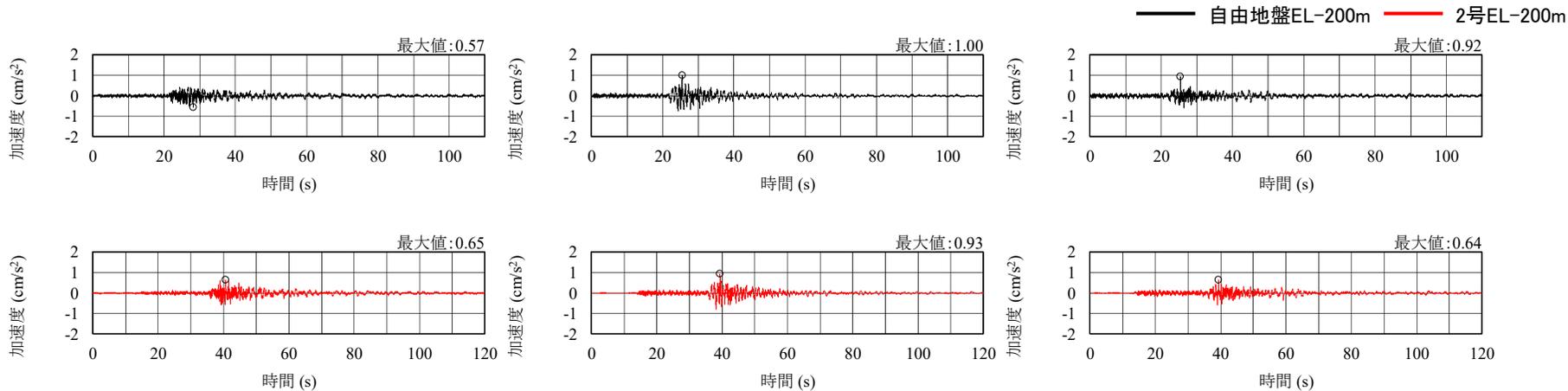


EW方向  
擬似速度応答スペクトル



UD方向

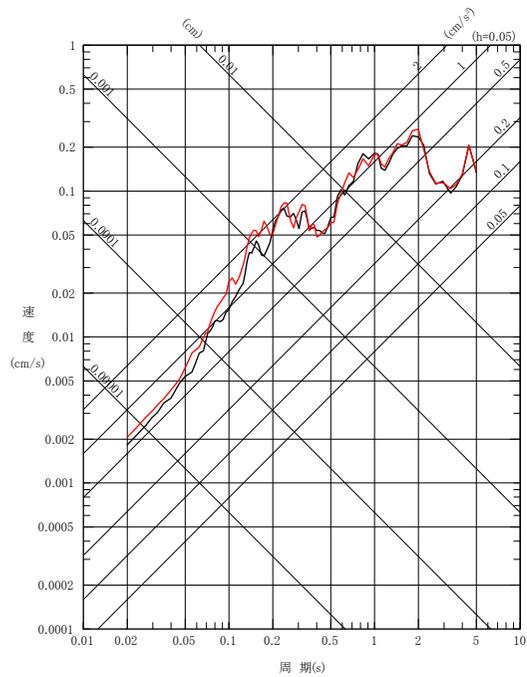
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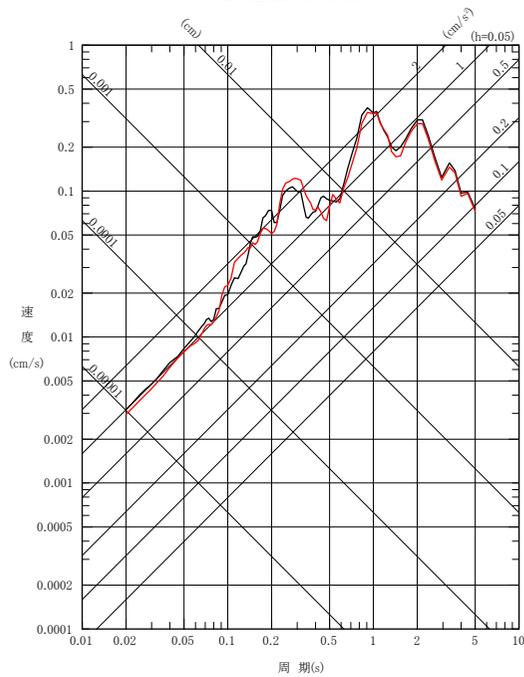
NS方向

EW方向  
加速度時刻歴波形

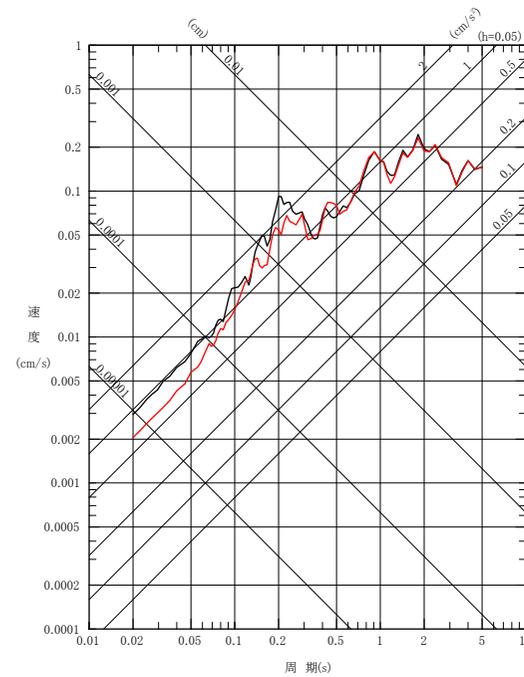
UD方向



NS方向

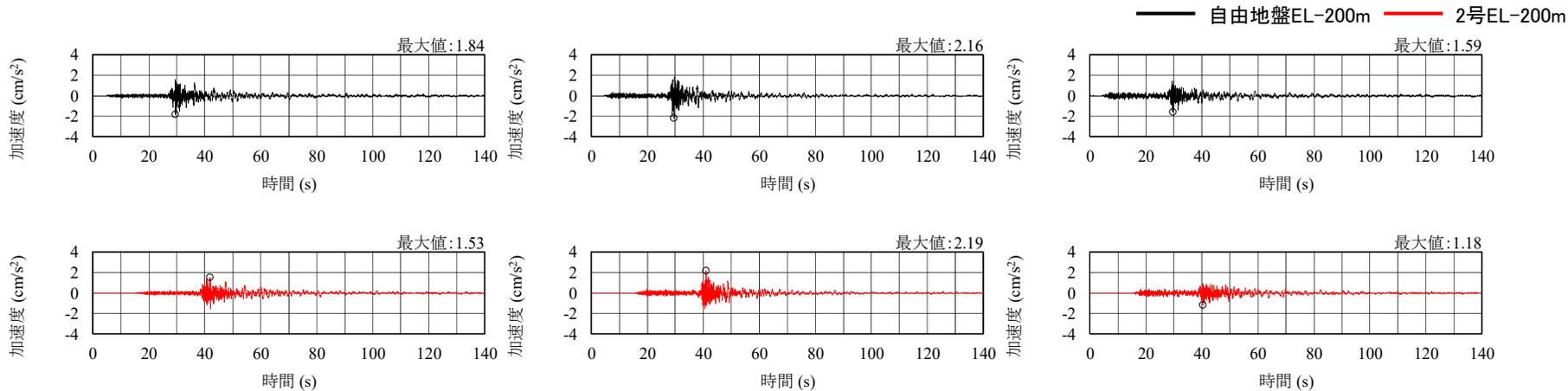


EW方向  
擬似速度応答スペクトル



UD方向

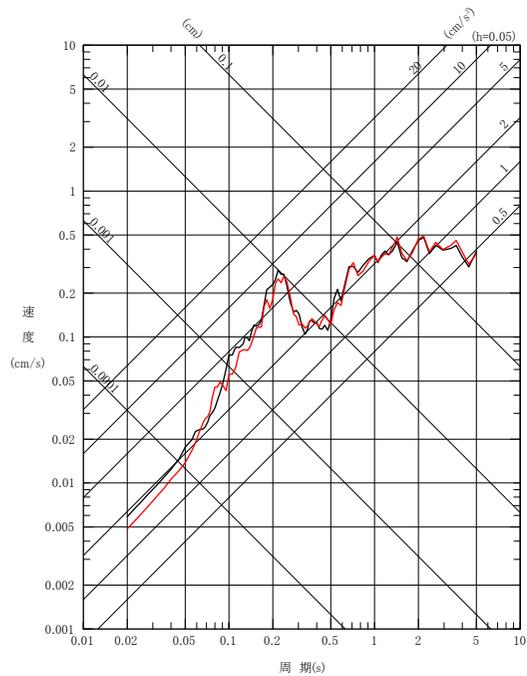
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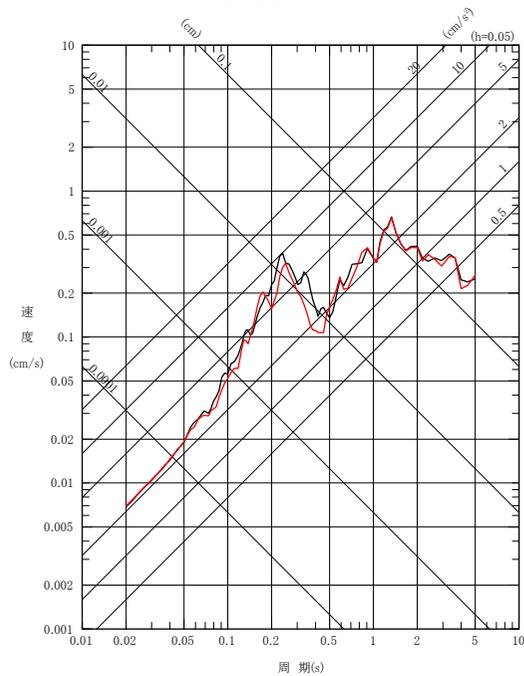
NS方向

EW方向  
加速度時刻歴波形

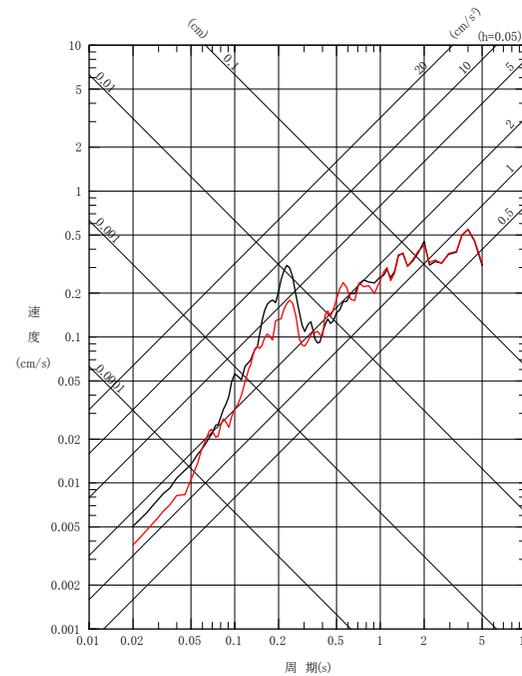
UD方向



NS方向

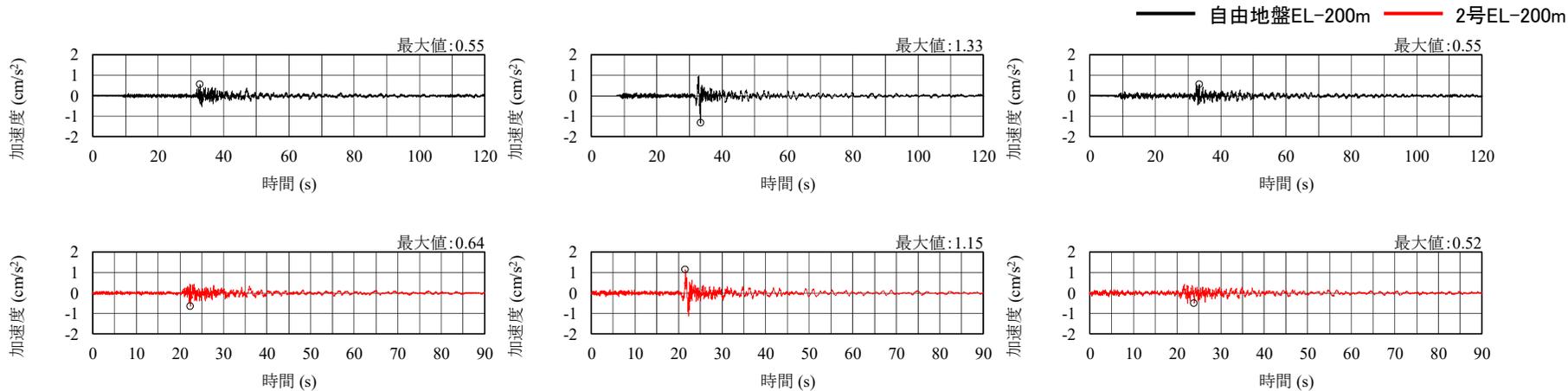


EW方向  
擬似速度応答スペクトル



UD方向

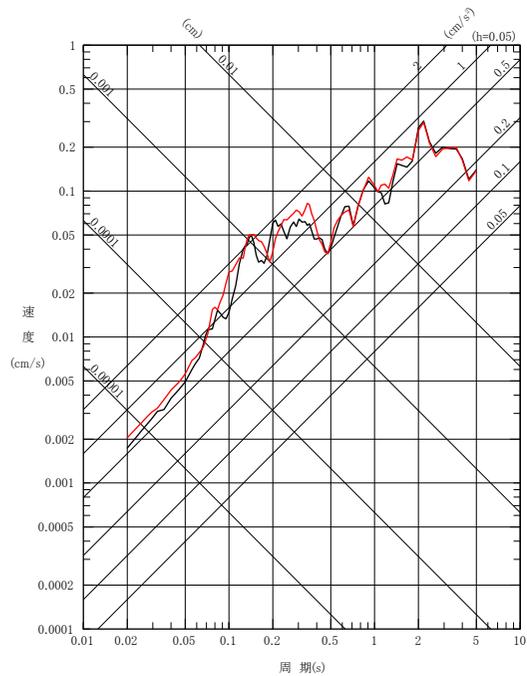
# No.4



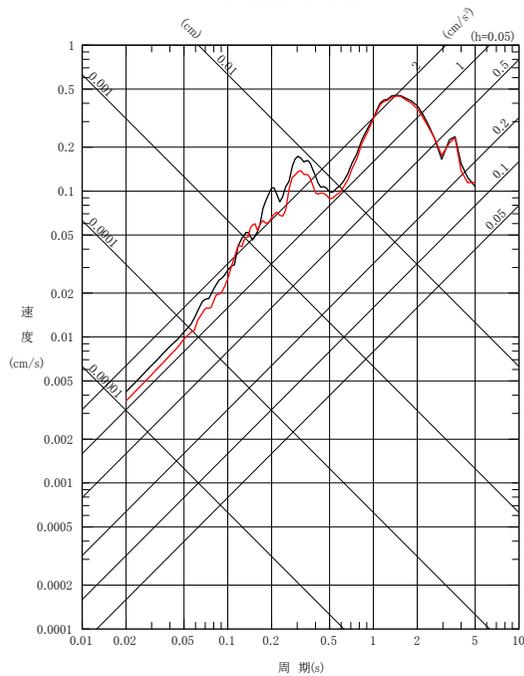
NS方向

EW方向  
加速度時刻歴波形

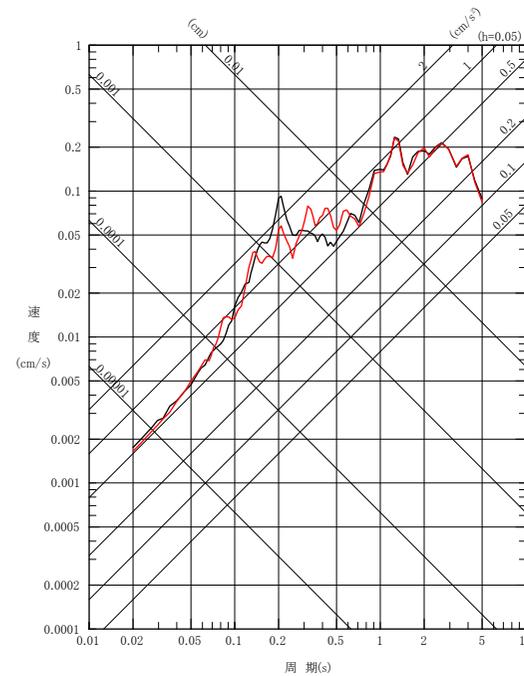
UD方向



NS方向

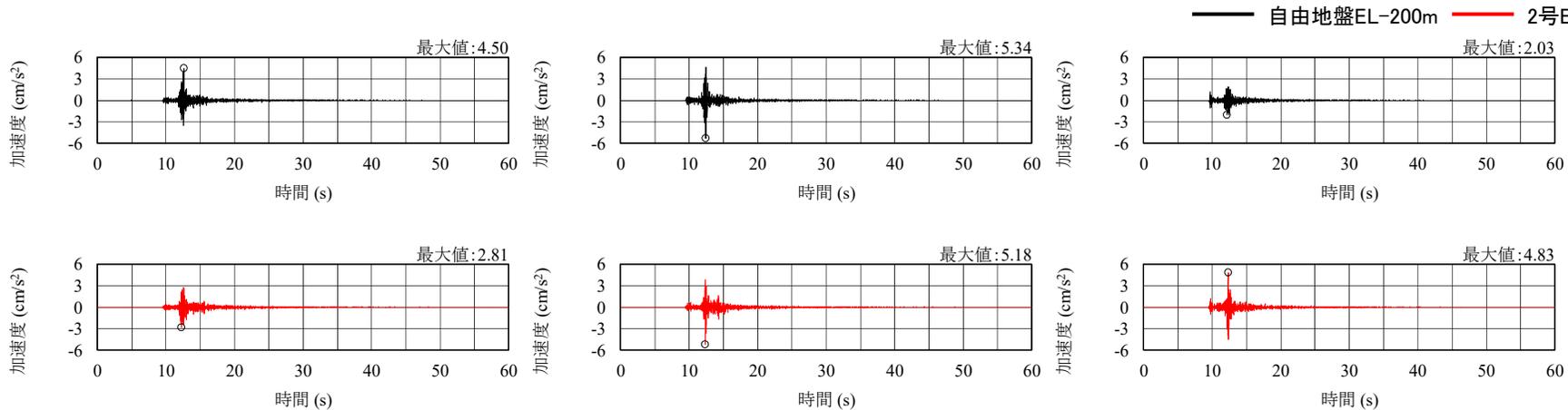


EW方向  
擬似速度応答スペクトル



UD方向

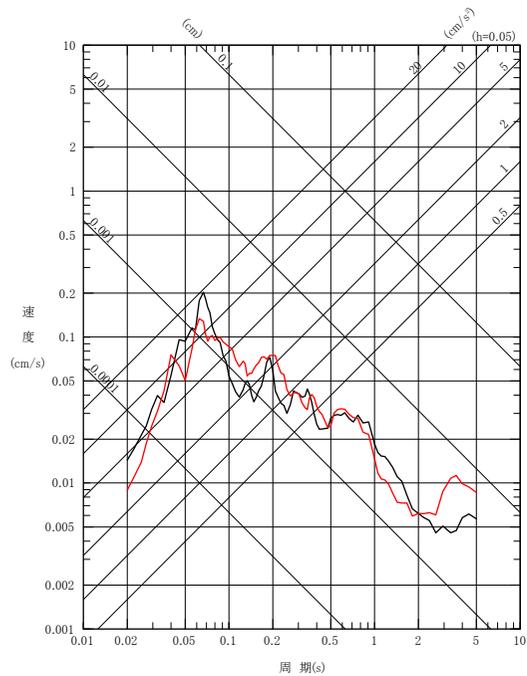
# No.5



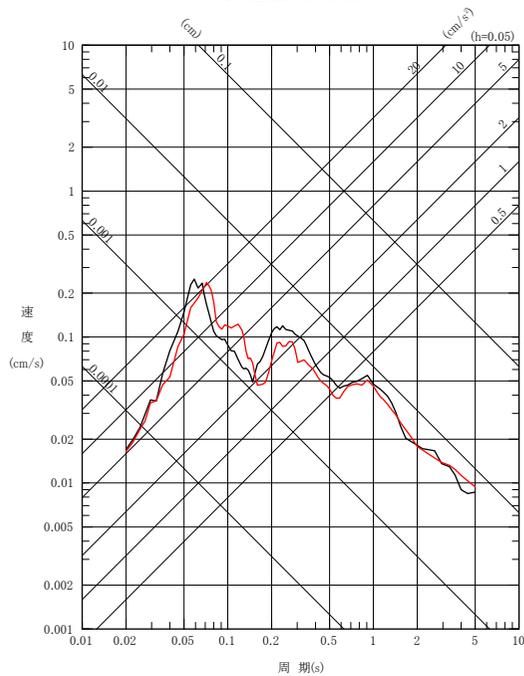
NS方向

EW方向  
加速度時刻歴波形

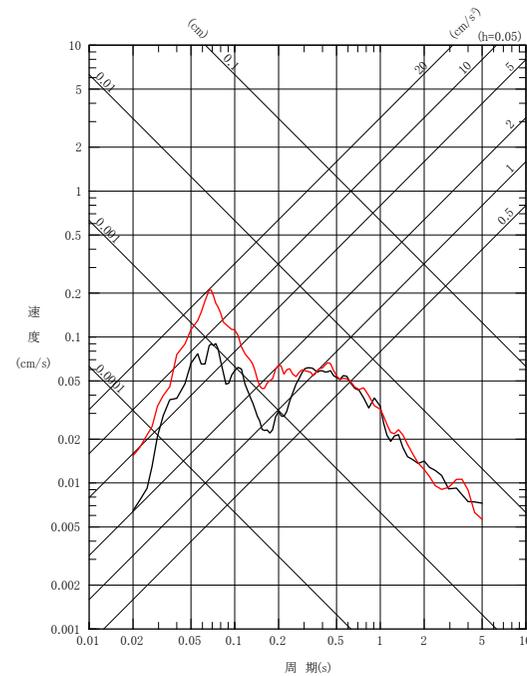
UD方向



NS方向



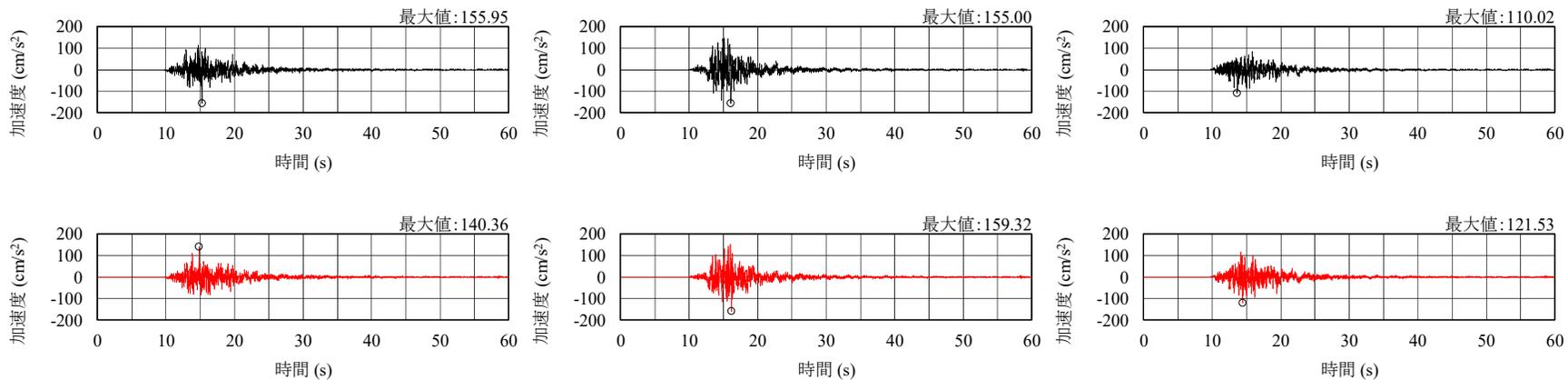
EW方向  
擬似速度応答スペクトル



UD方向

# No.6

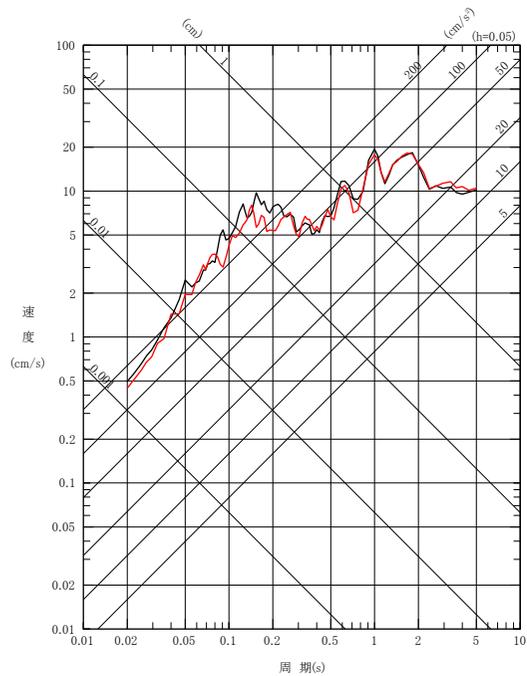
— 自由地盤EL-200m — 2号EL-200m



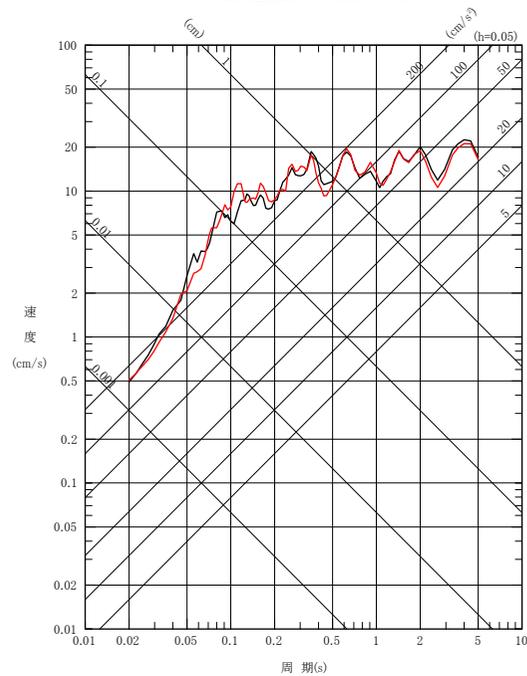
NS方向

EW方向  
加速度時刻歴波形

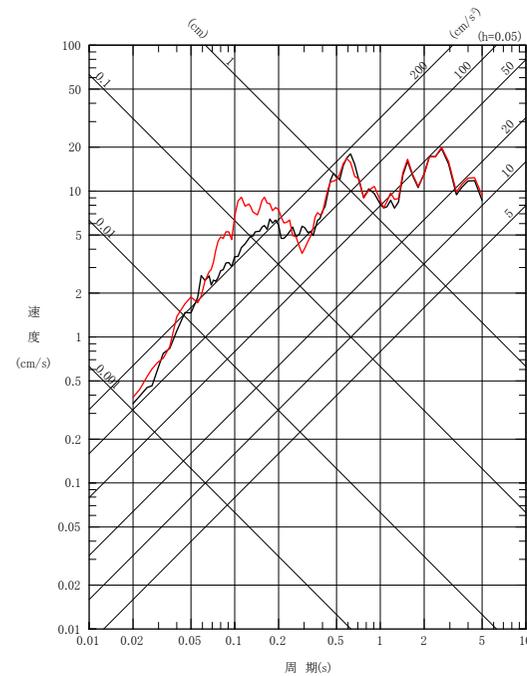
UD方向



NS方向

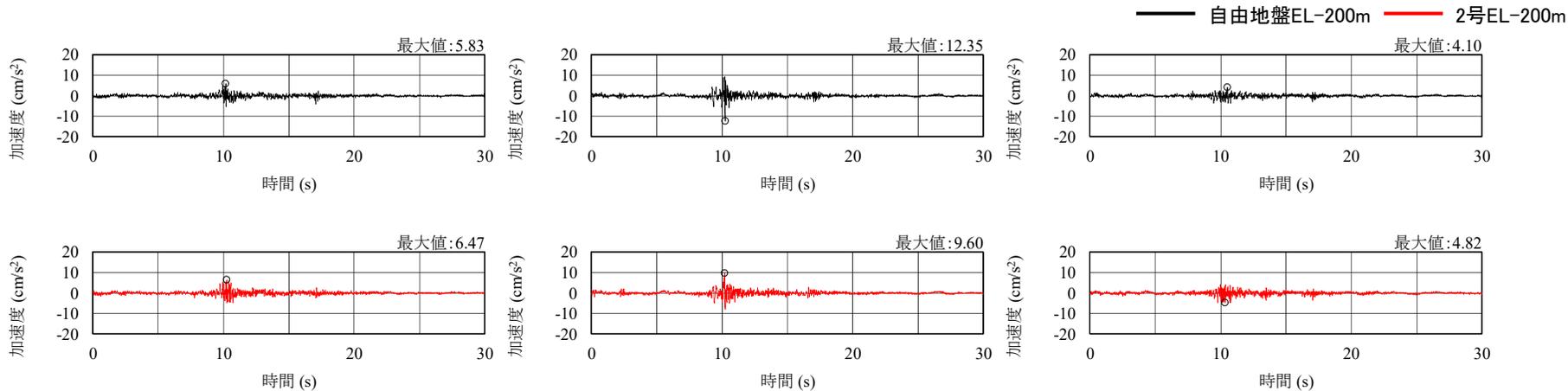


EW方向  
擬似速度応答スペクトル



UD方向

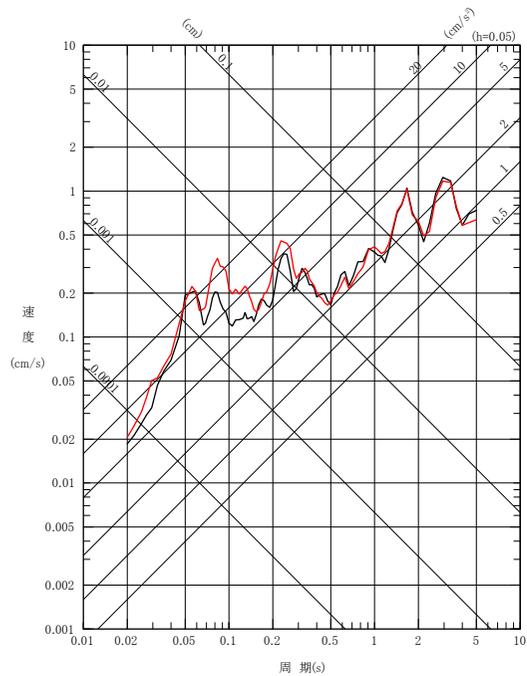
# No.7



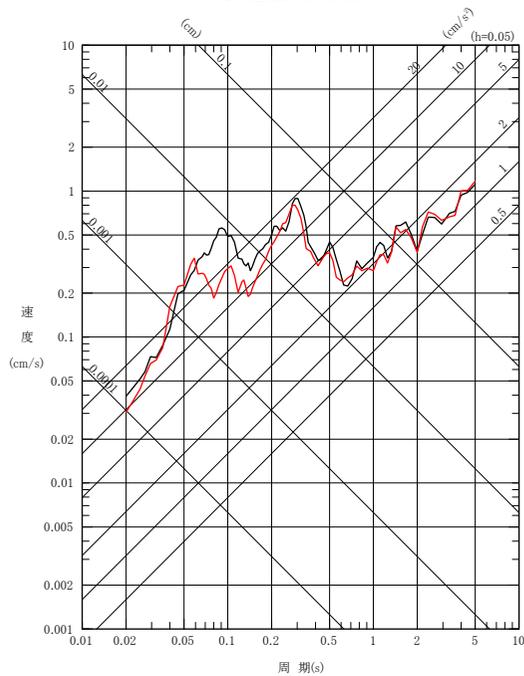
NS方向

EW方向  
加速度時刻歴波形

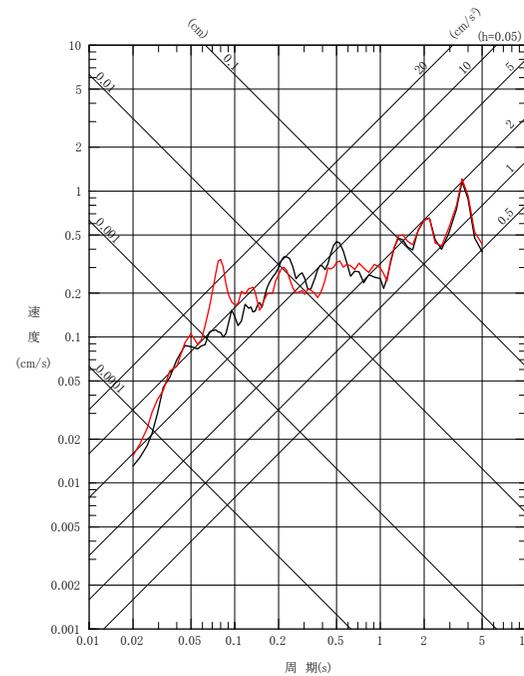
UD方向



NS方向

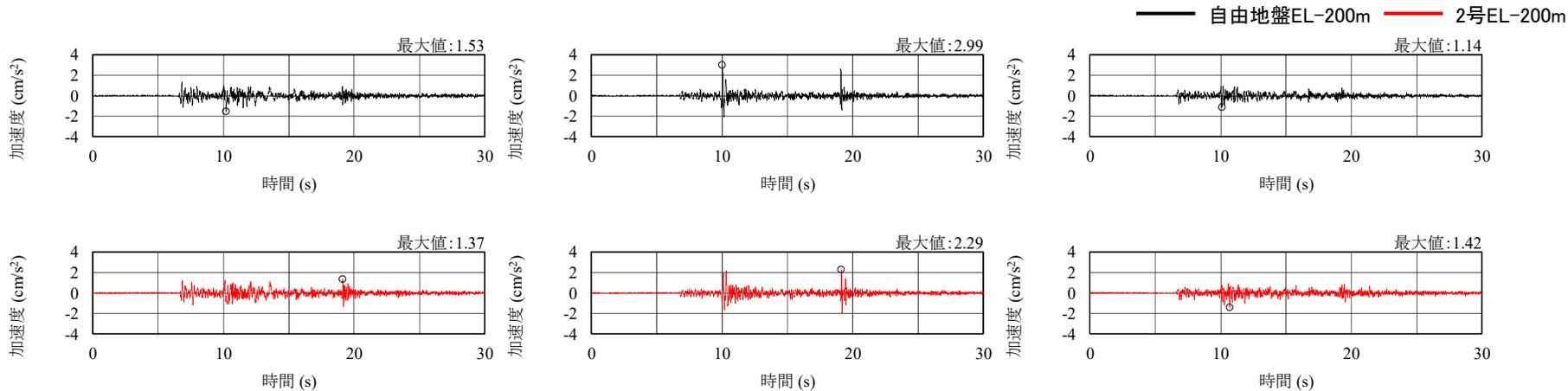


EW方向  
擬似速度応答スペクトル



UD方向

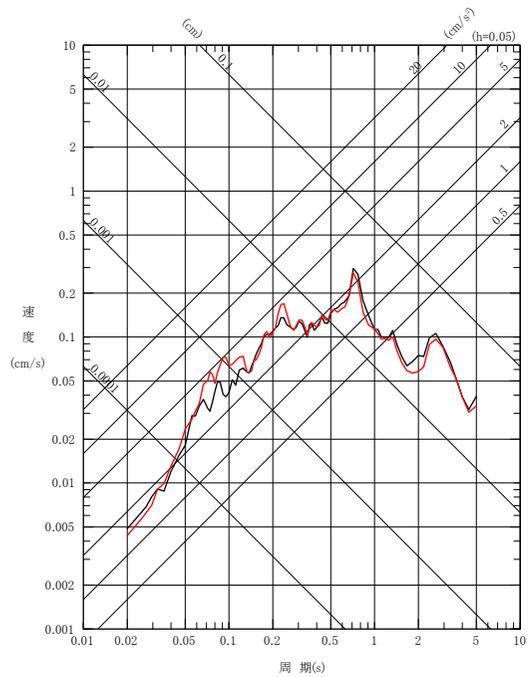
# No.8



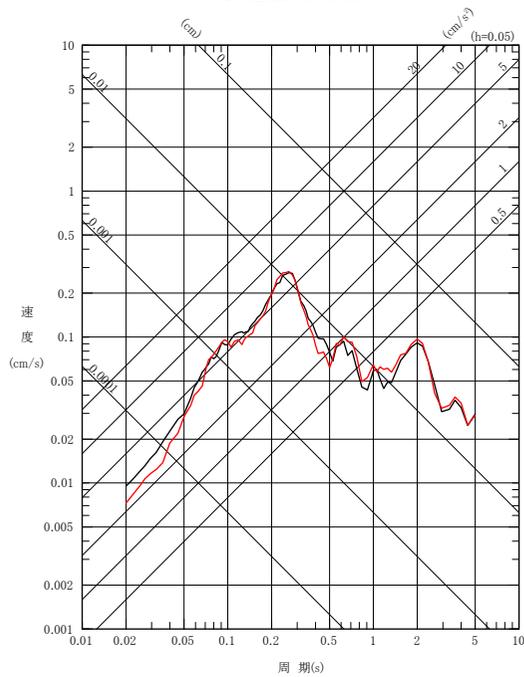
NS方向

EW方向  
加速度時刻歴波形

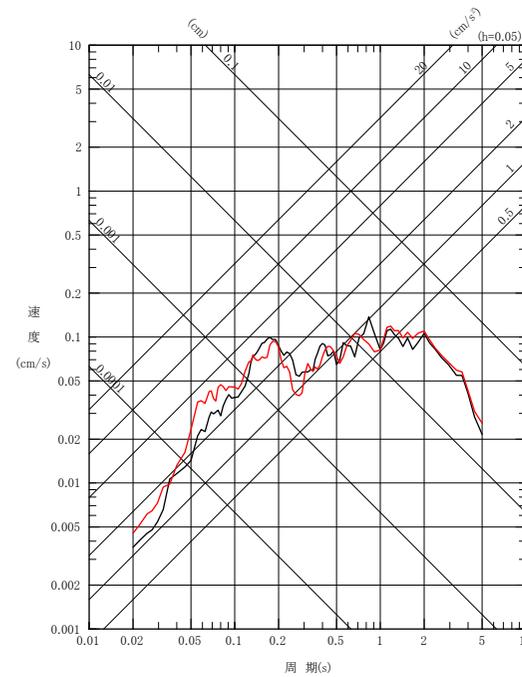
UD方向



NS方向

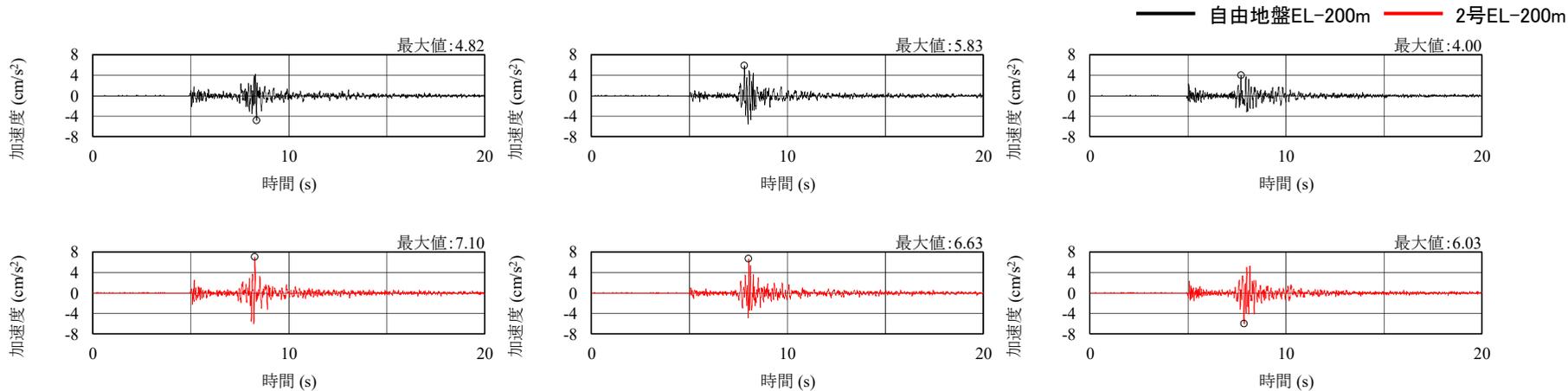


EW方向  
擬似速度応答スペクトル



UD方向

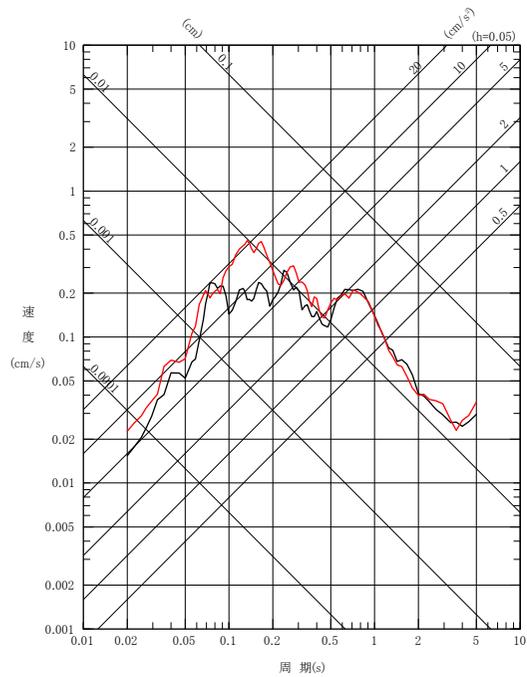
# No.9



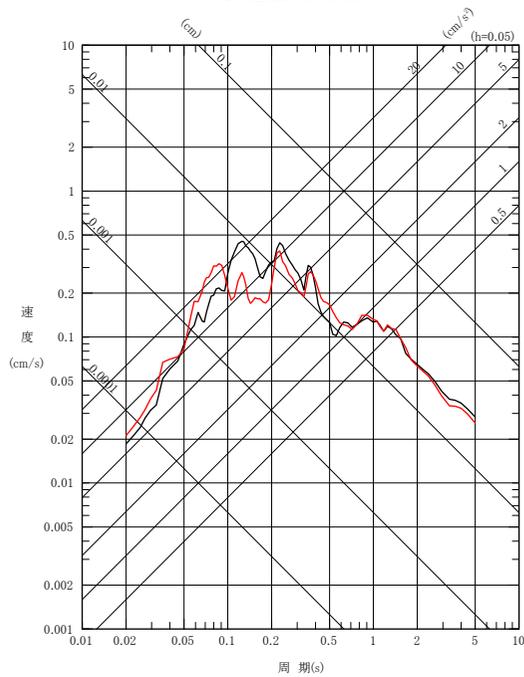
NS方向

EW方向  
加速度時刻歴波形

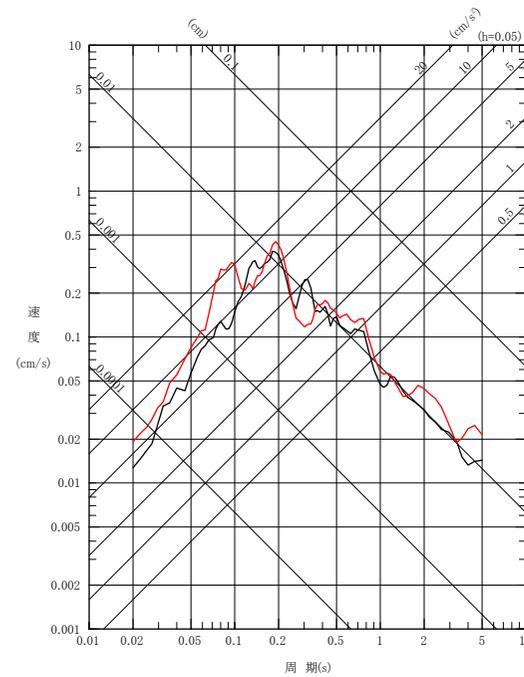
UD方向



NS方向

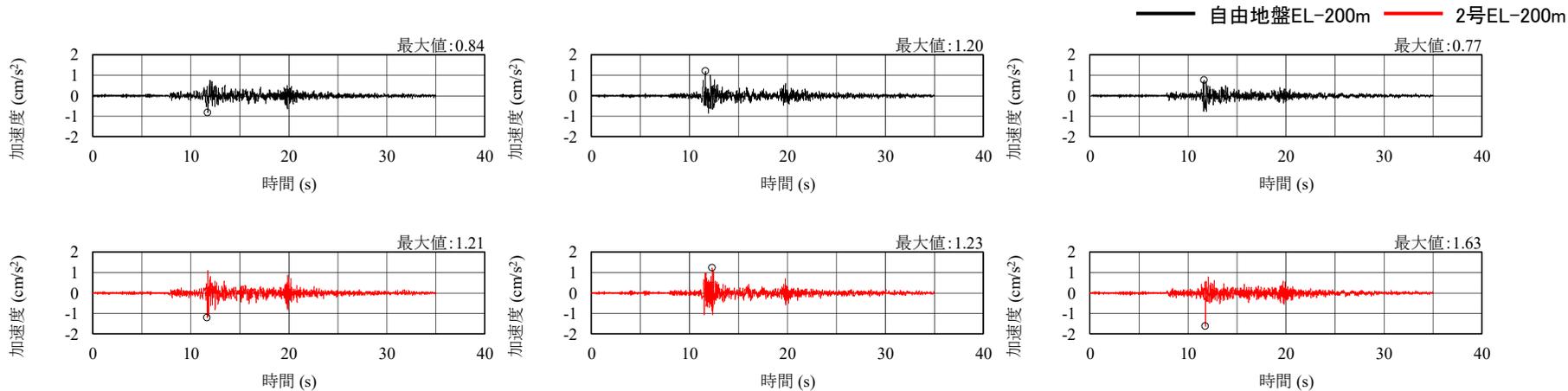


EW方向  
擬似速度応答スペクトル



UD方向

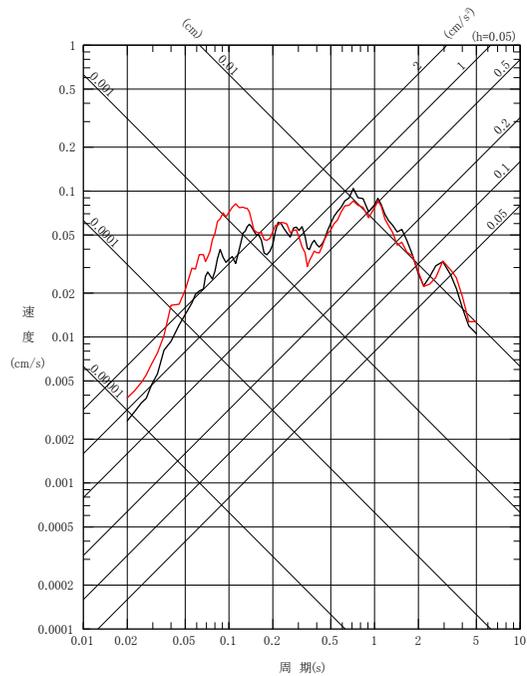
# No.10



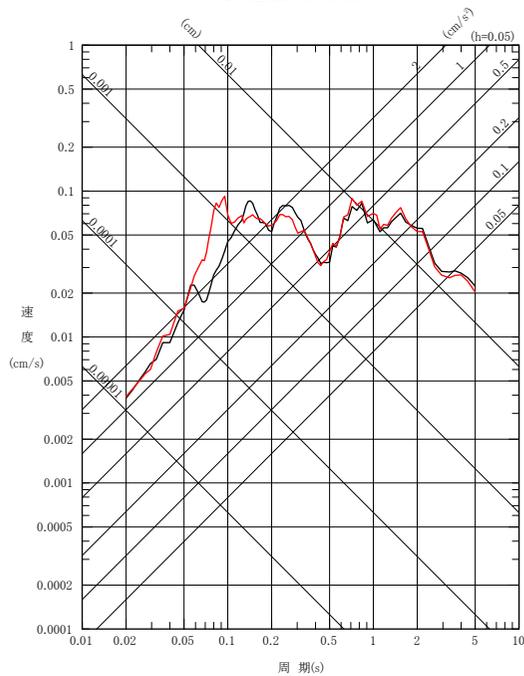
NS方向

EW方向  
加速度時刻歴波形

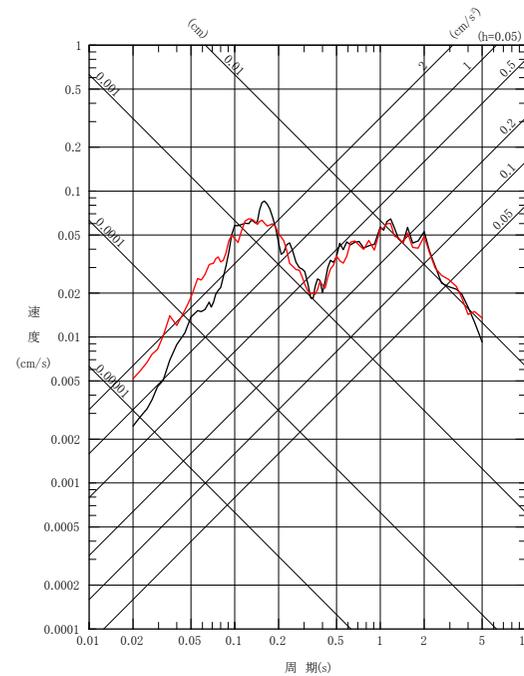
UD方向



NS方向

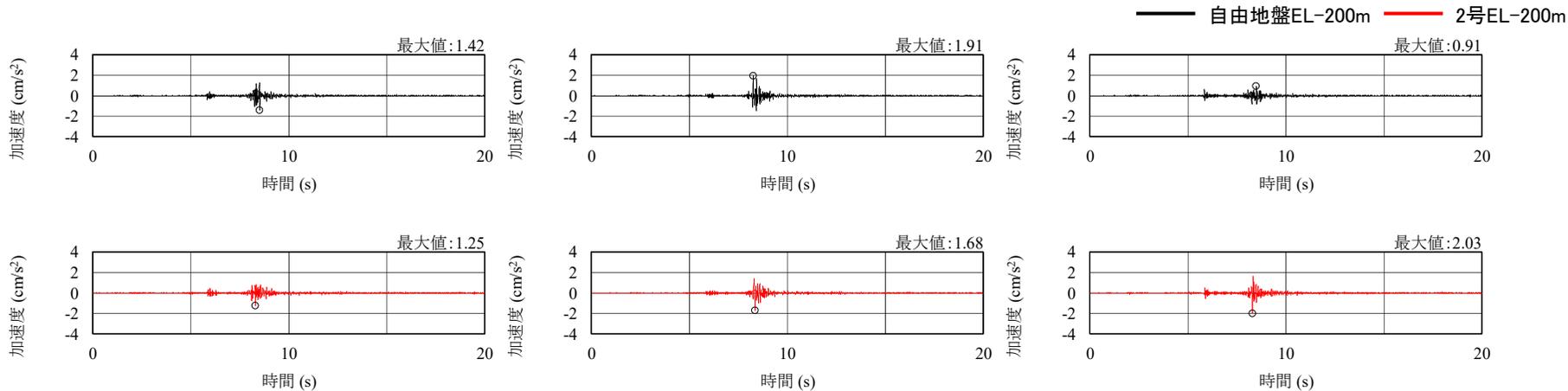


EW方向  
擬似速度応答スペクトル



UD方向

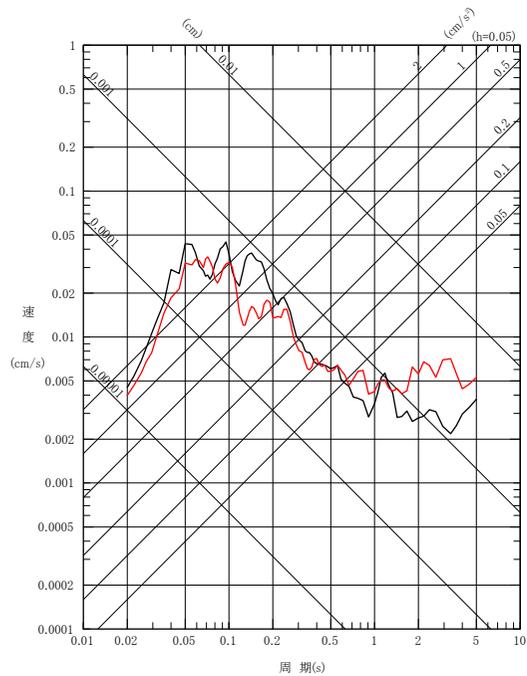
# No.11



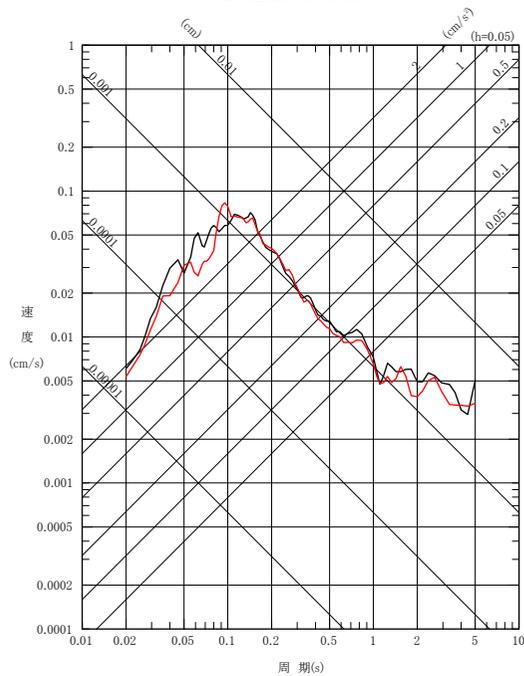
NS方向

EW方向  
加速度時刻歴波形

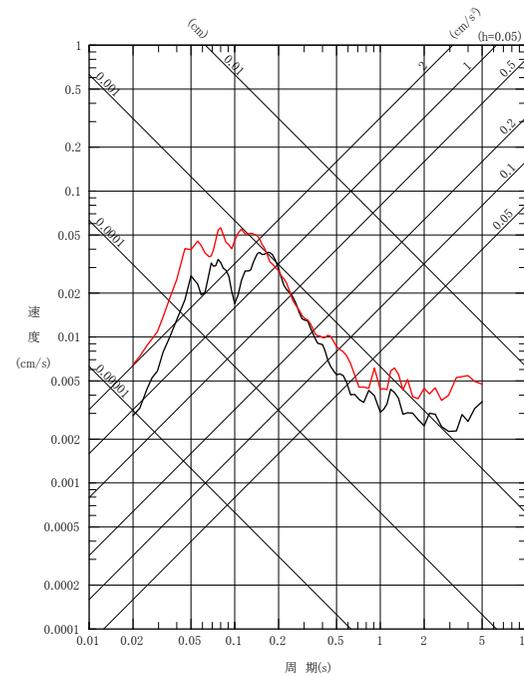
UD方向



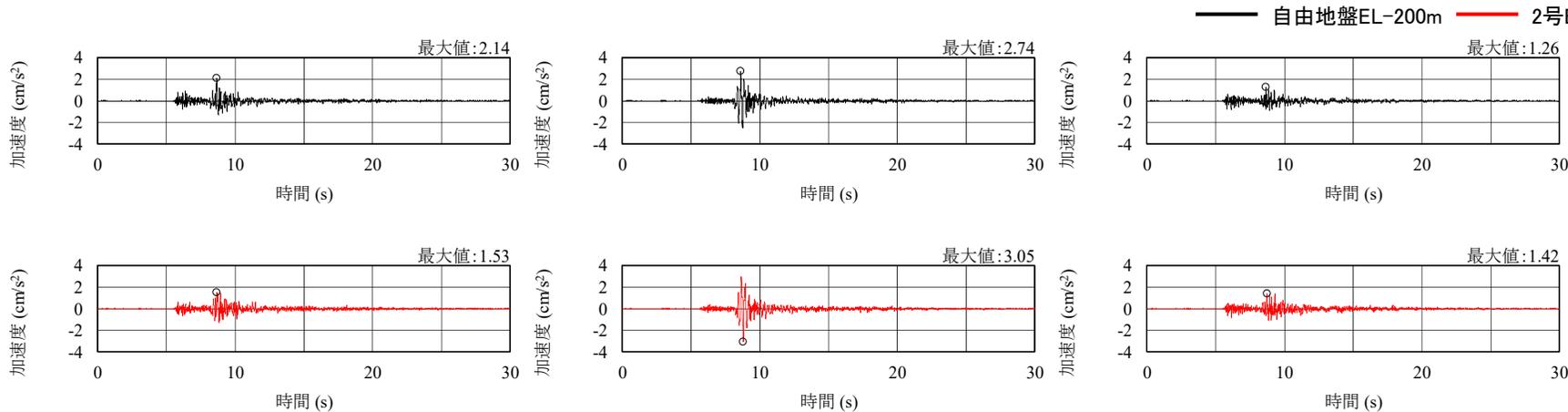
NS方向



EW方向  
擬似速度応答スペクトル



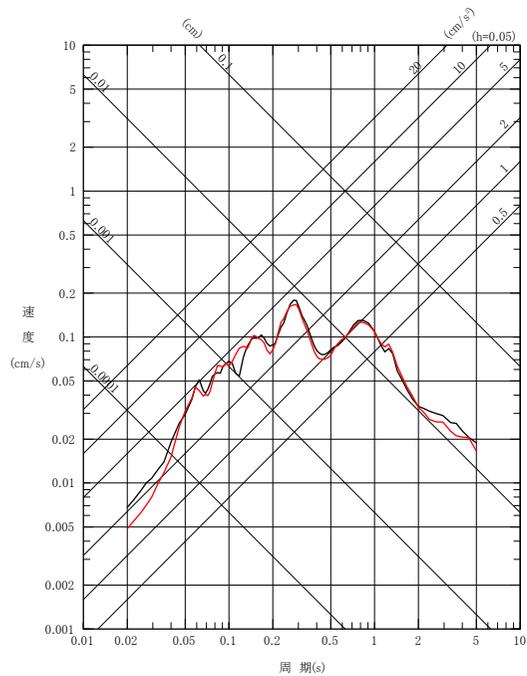
UD方向



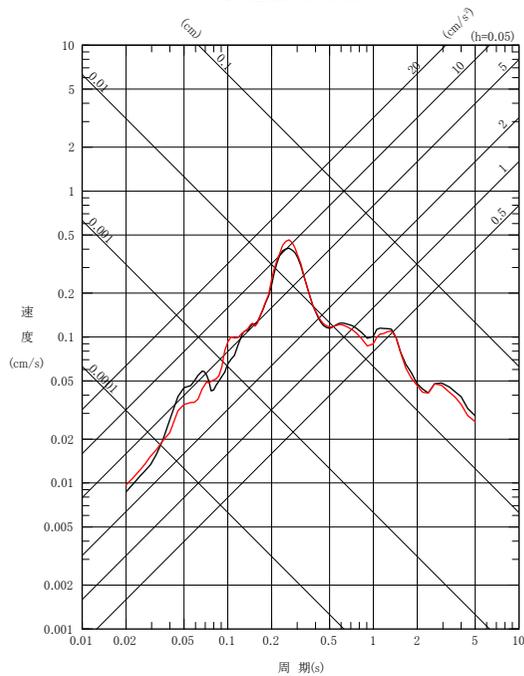
NS方向

EW方向  
加速度時刻歴波形

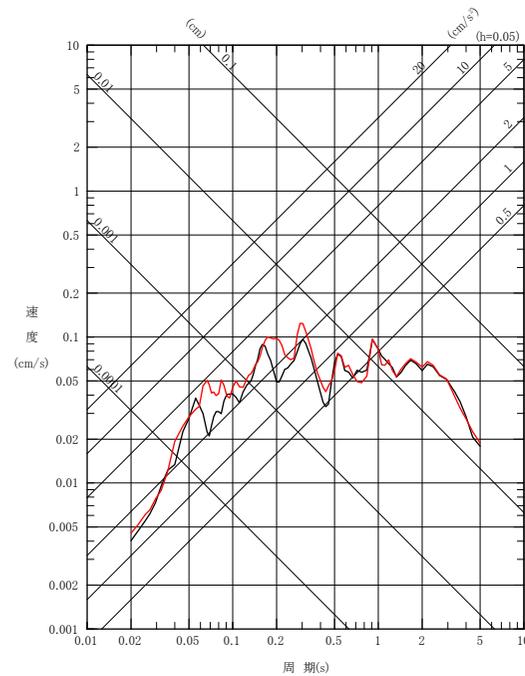
UD方向



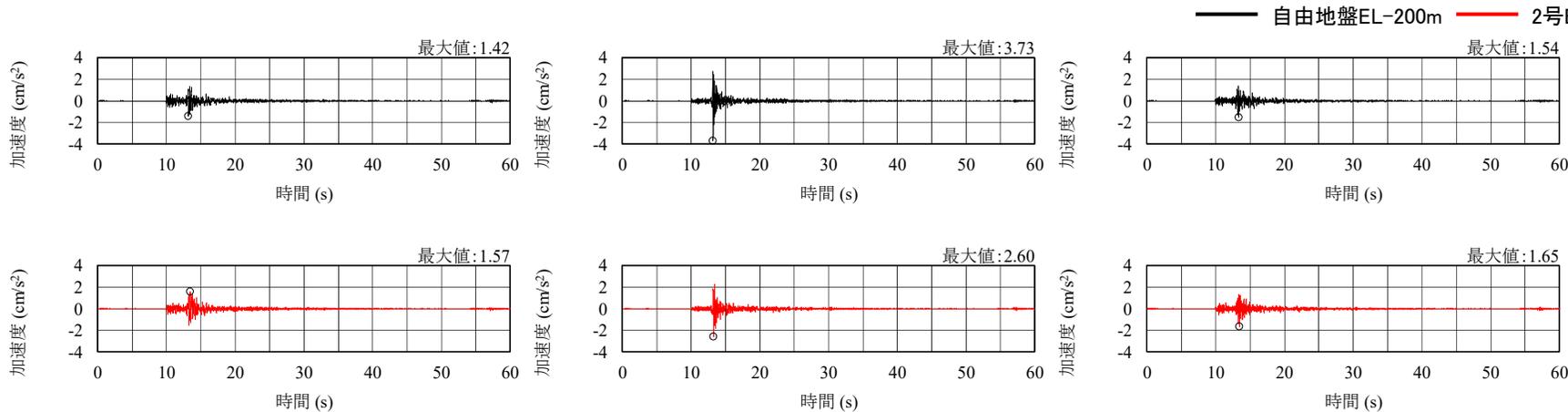
NS方向



EW方向  
擬似速度応答スペクトル



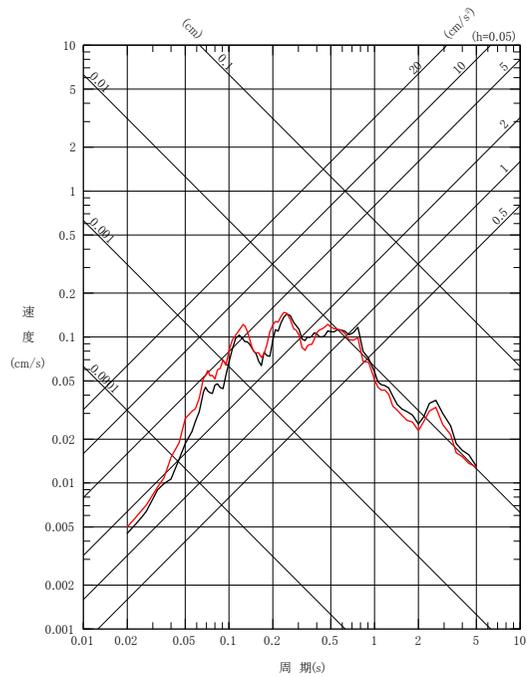
UD方向



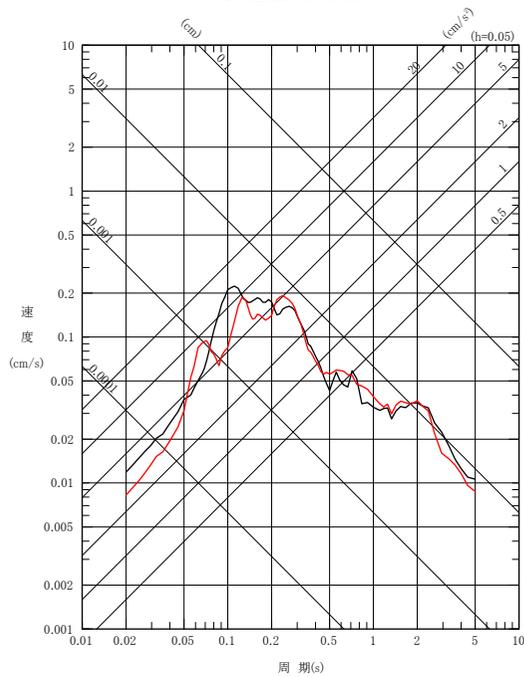
NS方向

EW方向  
加速度時刻歴波形

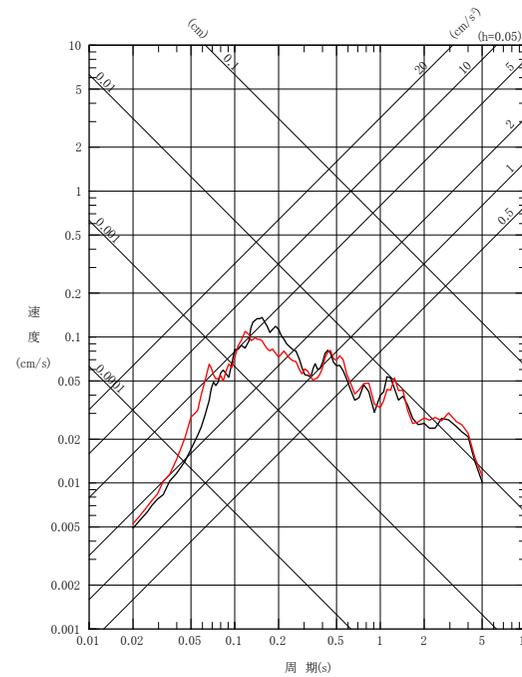
UD方向



NS方向

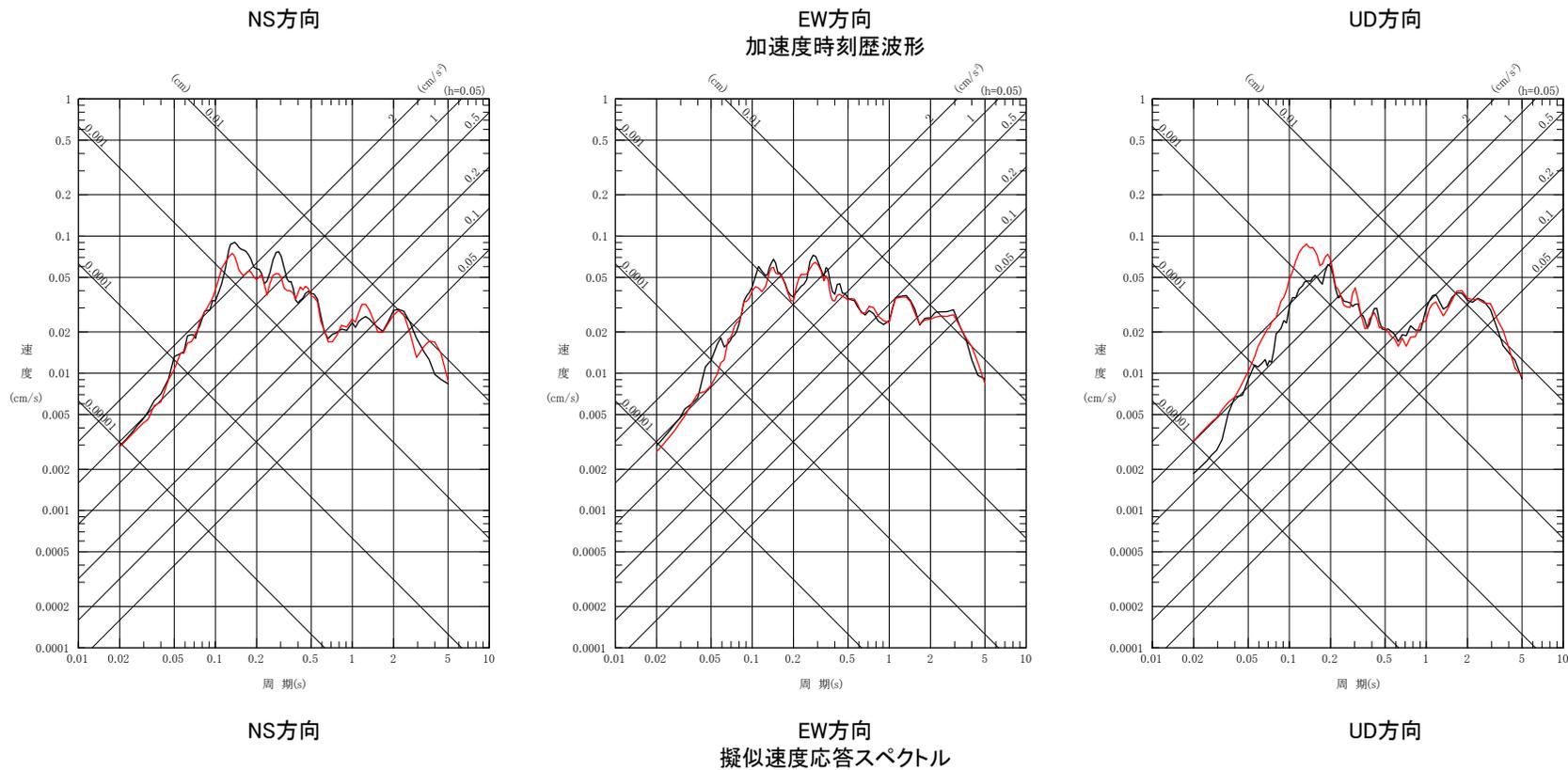
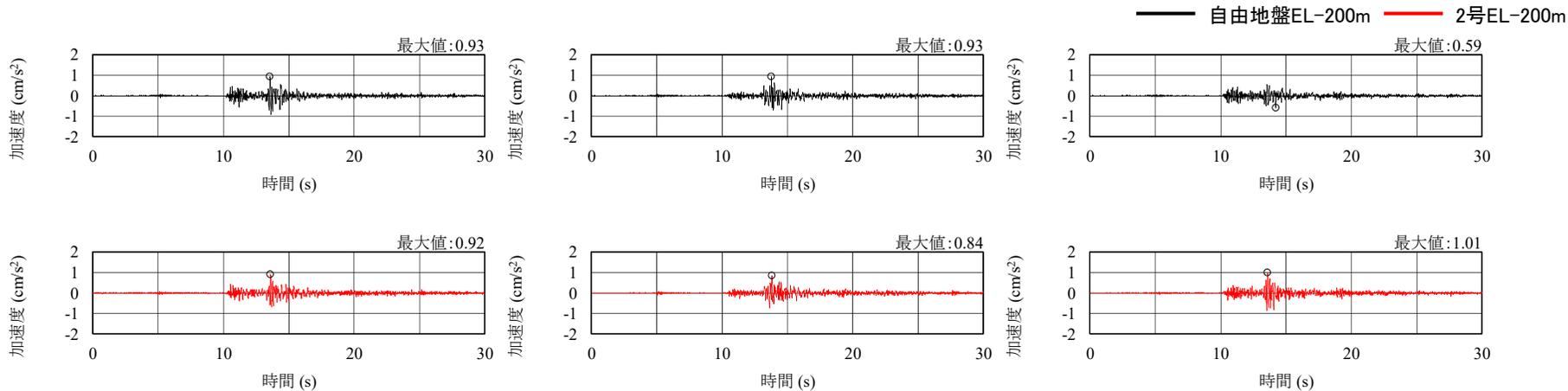


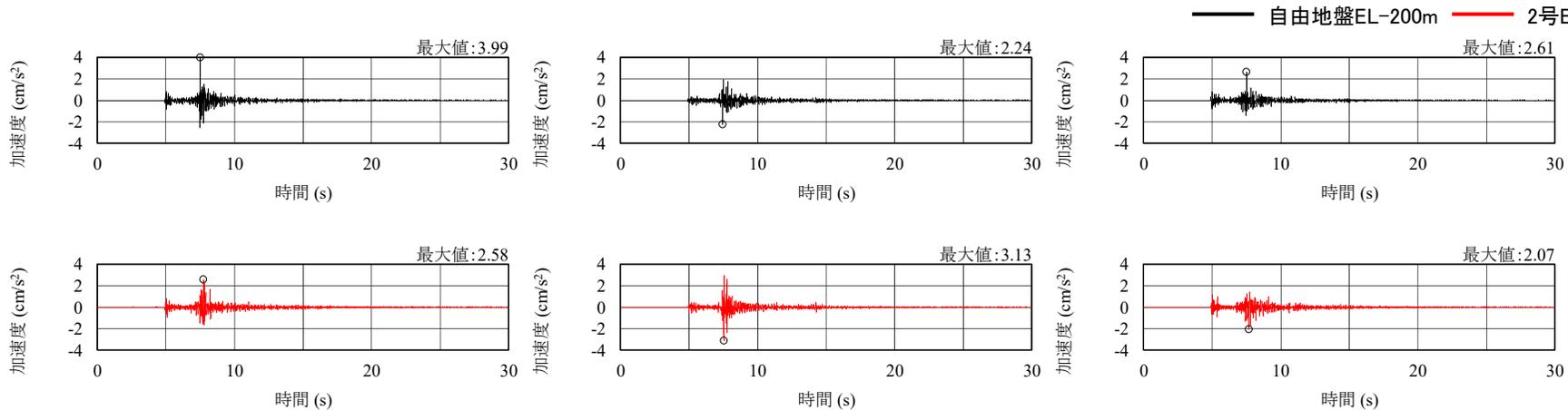
EW方向  
擬似速度応答スペクトル



UD方向

# No.14

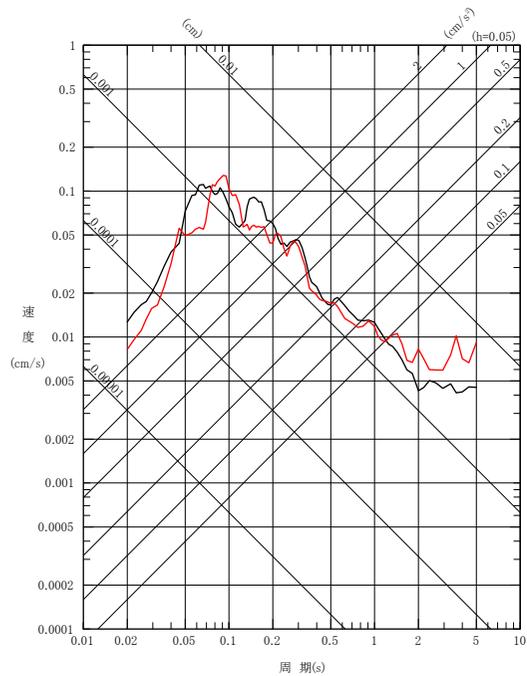




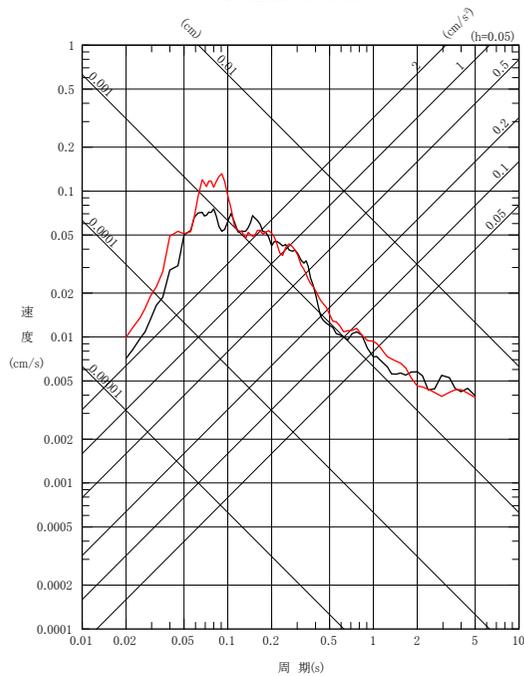
NS方向

EW方向  
加速度時刻歴波形

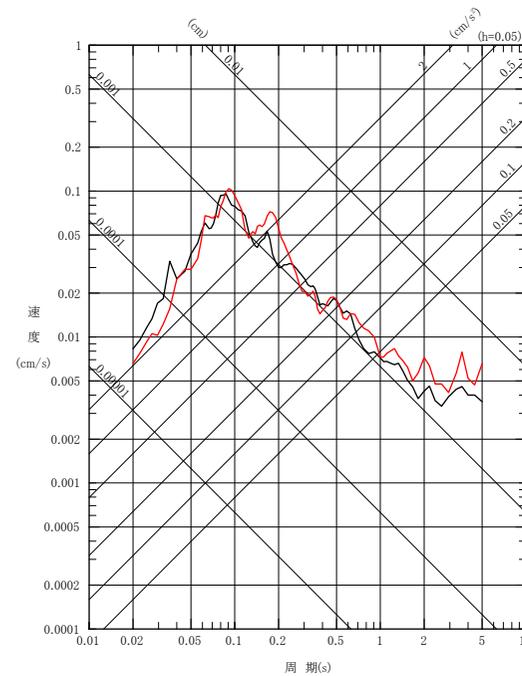
UD方向



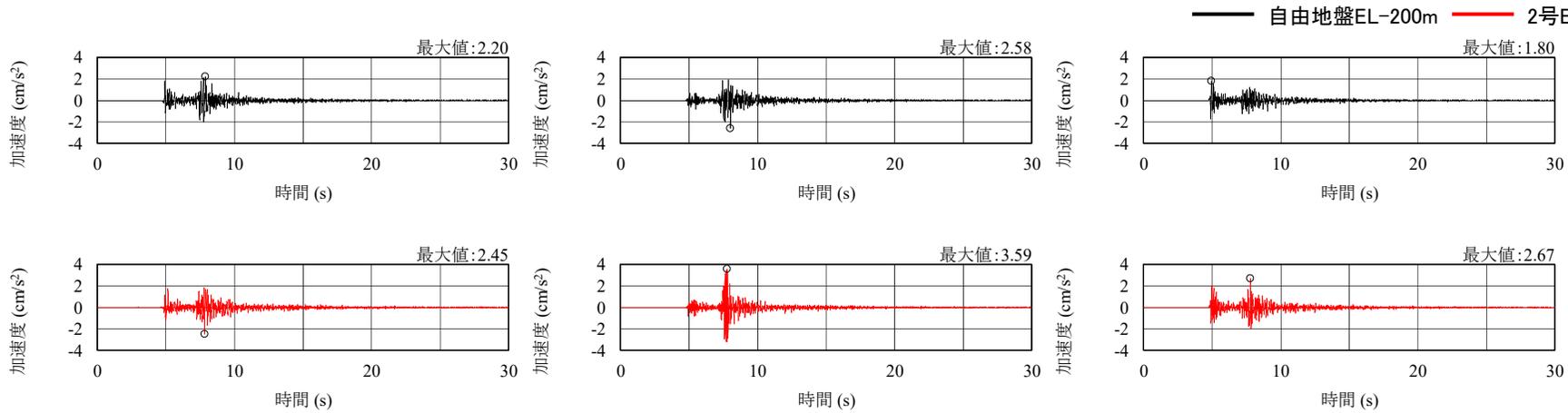
NS方向



EW方向  
擬似速度応答スペクトル



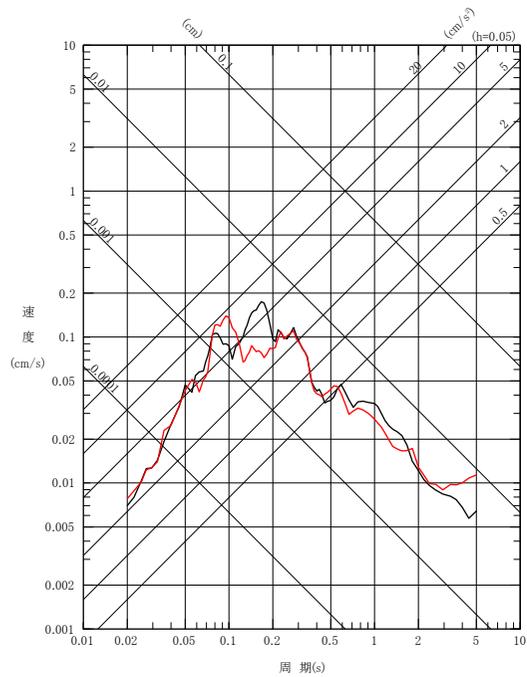
UD方向



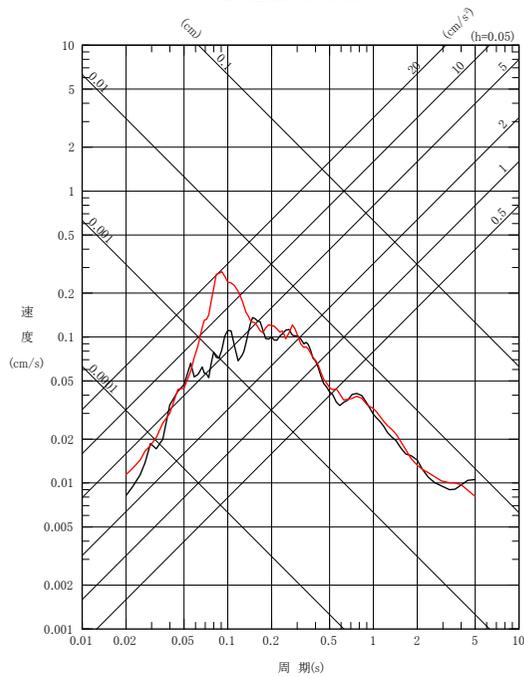
NS方向

EW方向  
加速度時刻歴波形

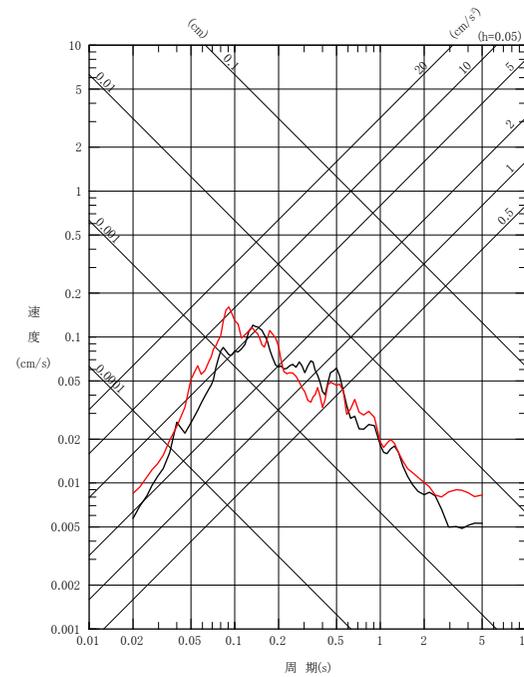
UD方向



NS方向

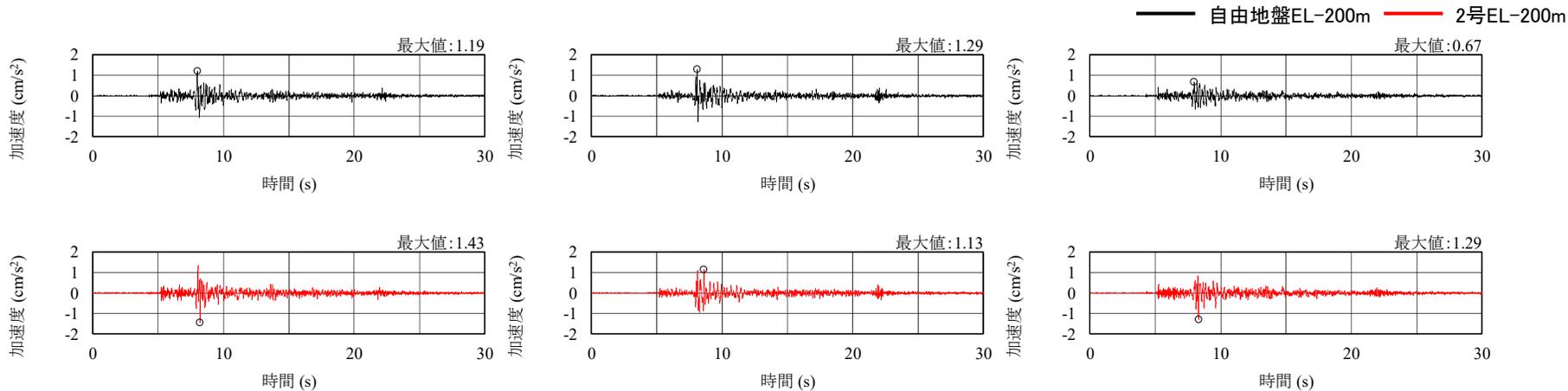


EW方向  
擬似速度応答スペクトル



UD方向

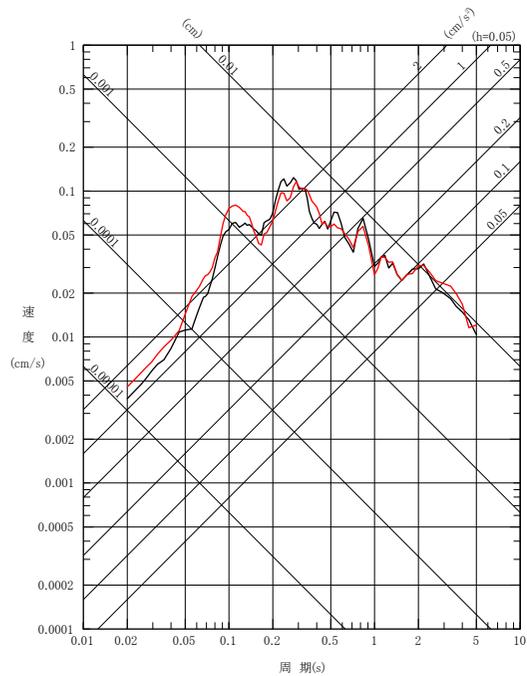
# No.17



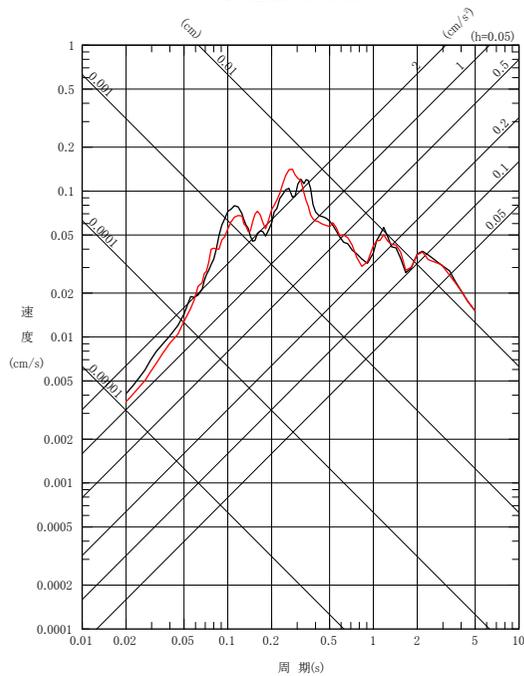
NS方向

EW方向  
加速度時刻歴波形

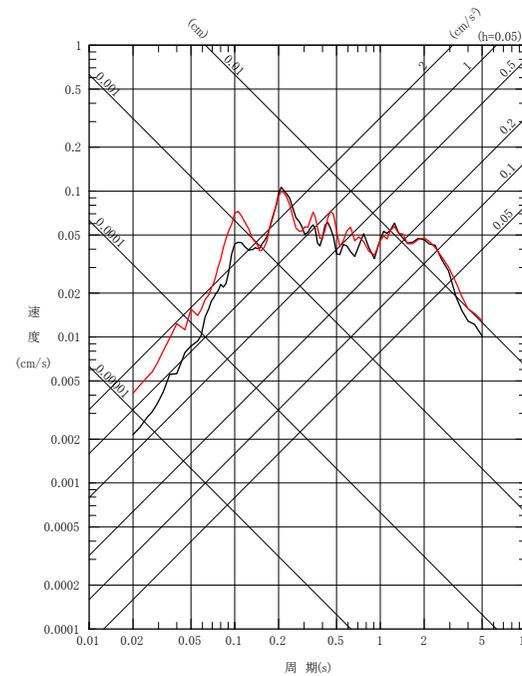
UD方向



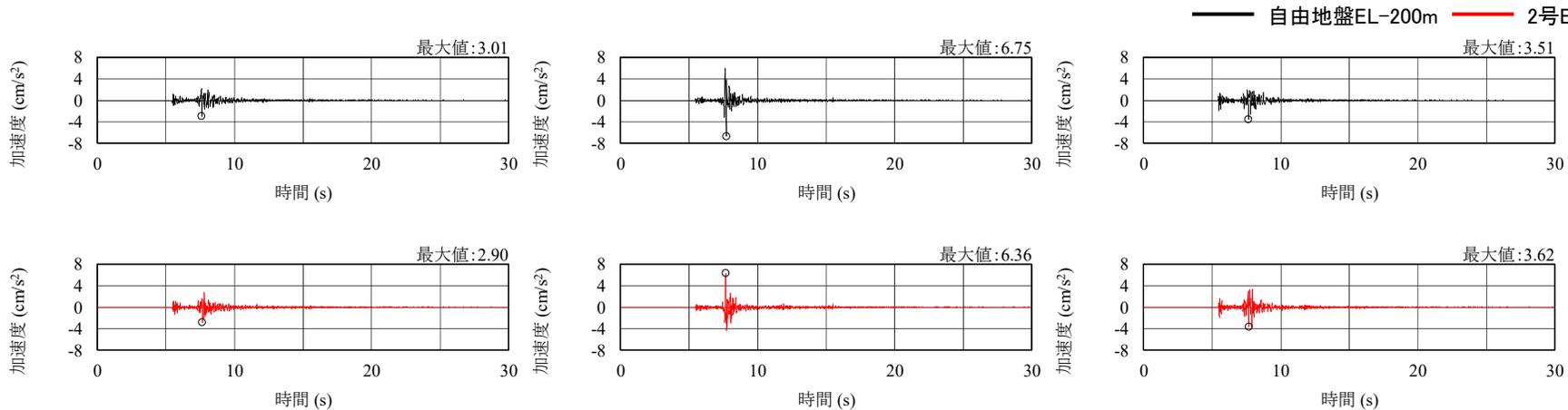
NS方向



EW方向  
擬似速度応答スペクトル



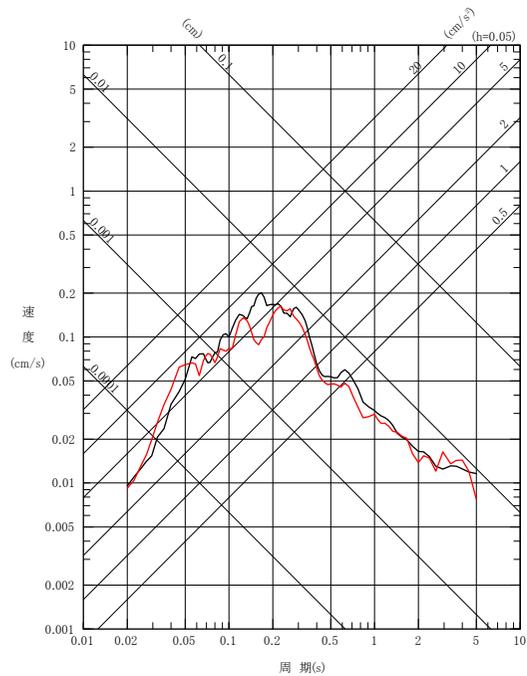
UD方向



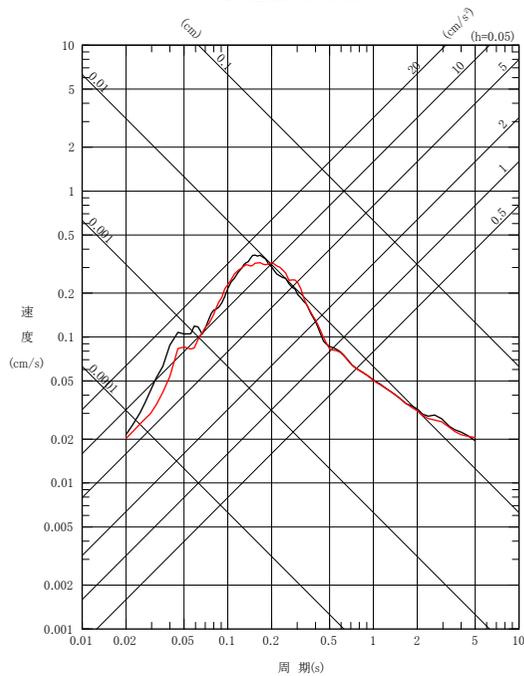
NS方向

EW方向  
加速度時刻歴波形

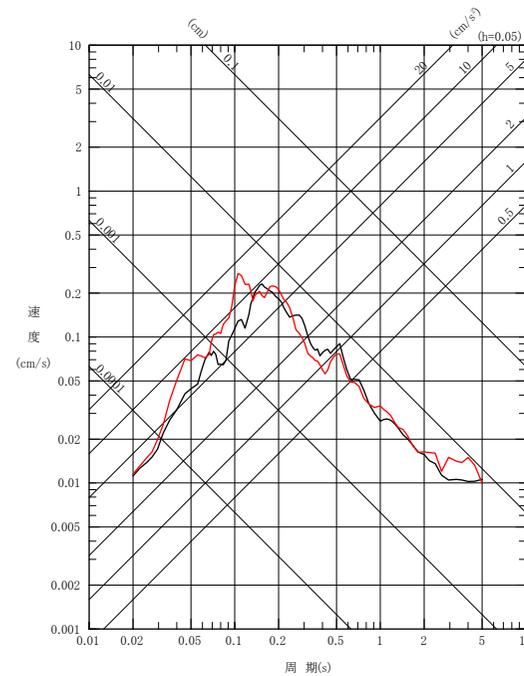
UD方向



NS方向

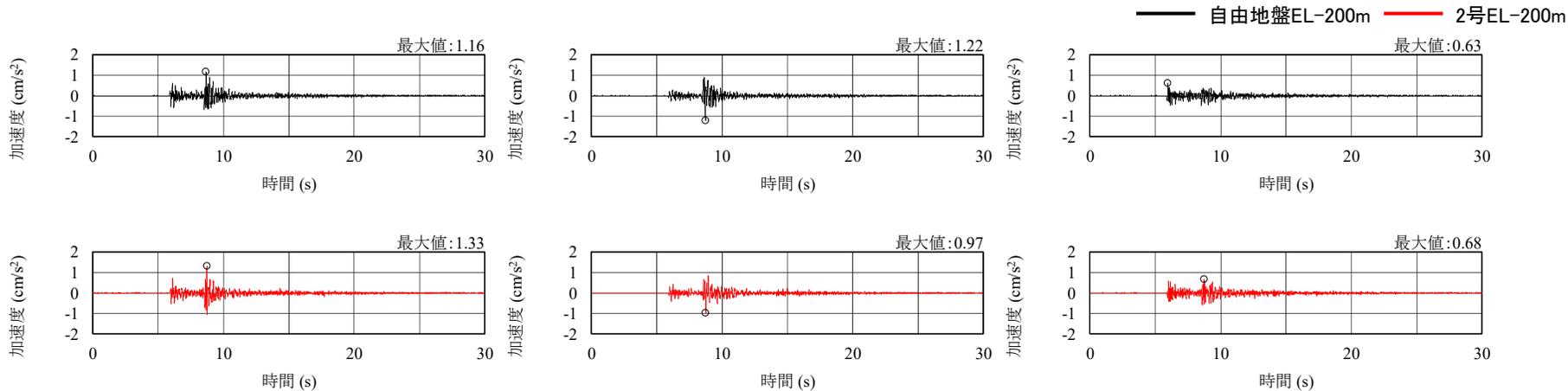


EW方向  
擬似速度応答スペクトル



UD方向

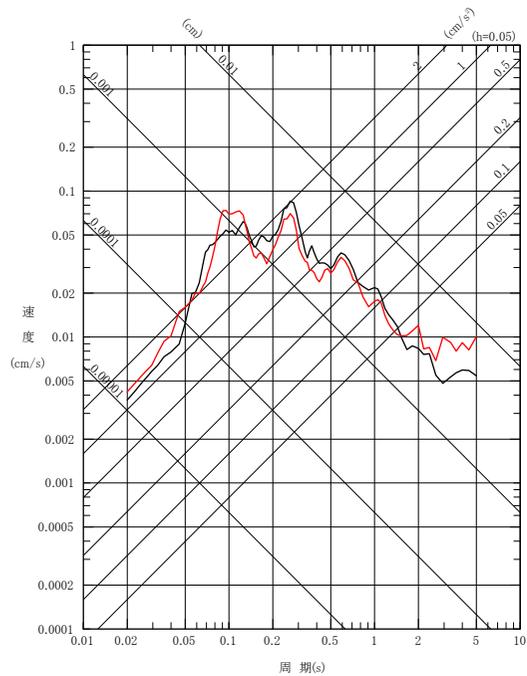
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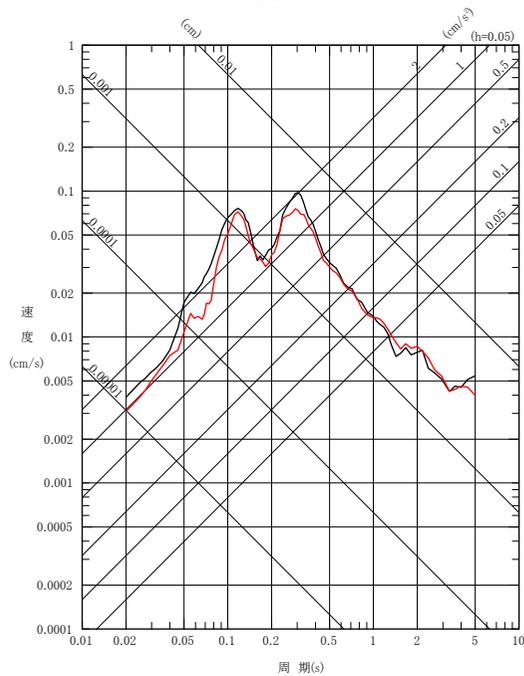
NS方向

EW方向  
加速度時刻歴波形

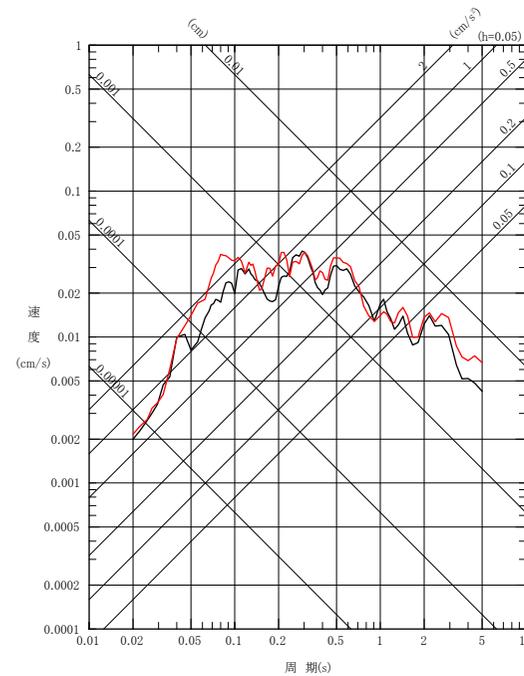
UD方向



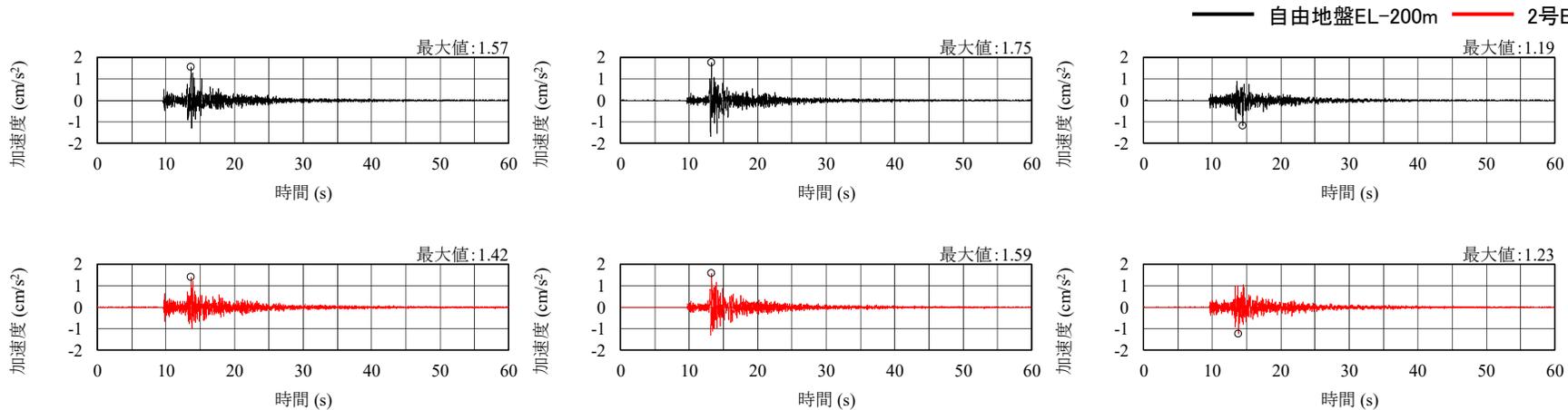
NS方向



EW方向  
擬似速度応答スペクトル



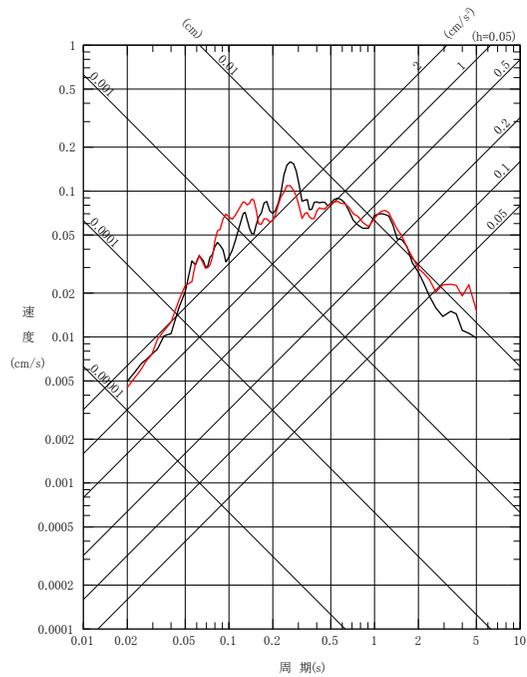
UD方向



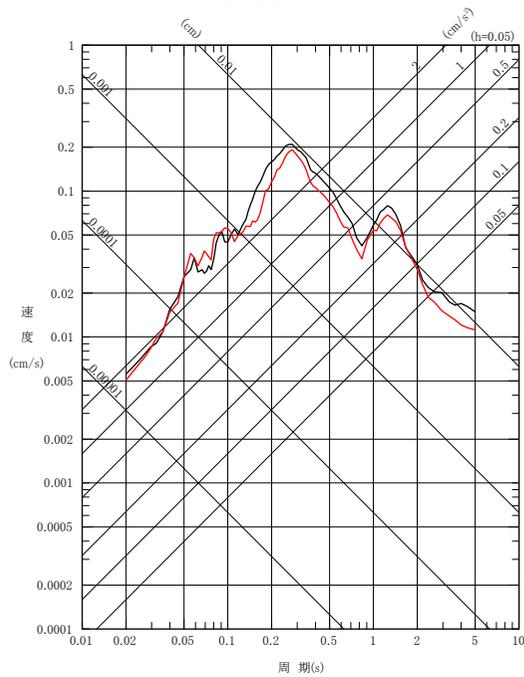
NS方向

EW方向  
加速度時刻歴波形

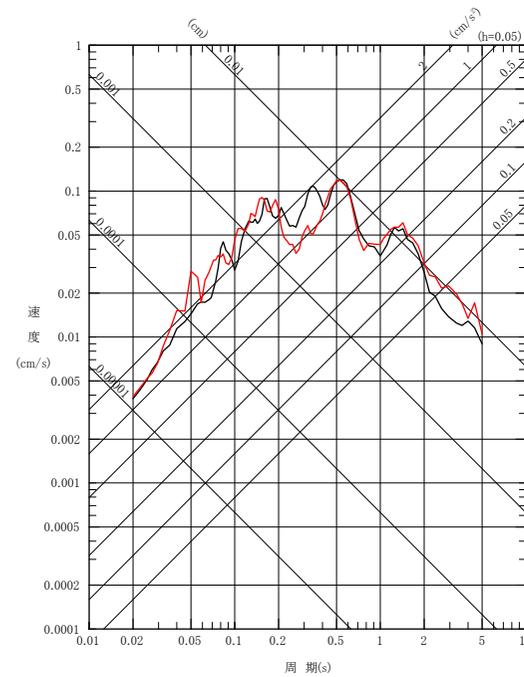
UD方向



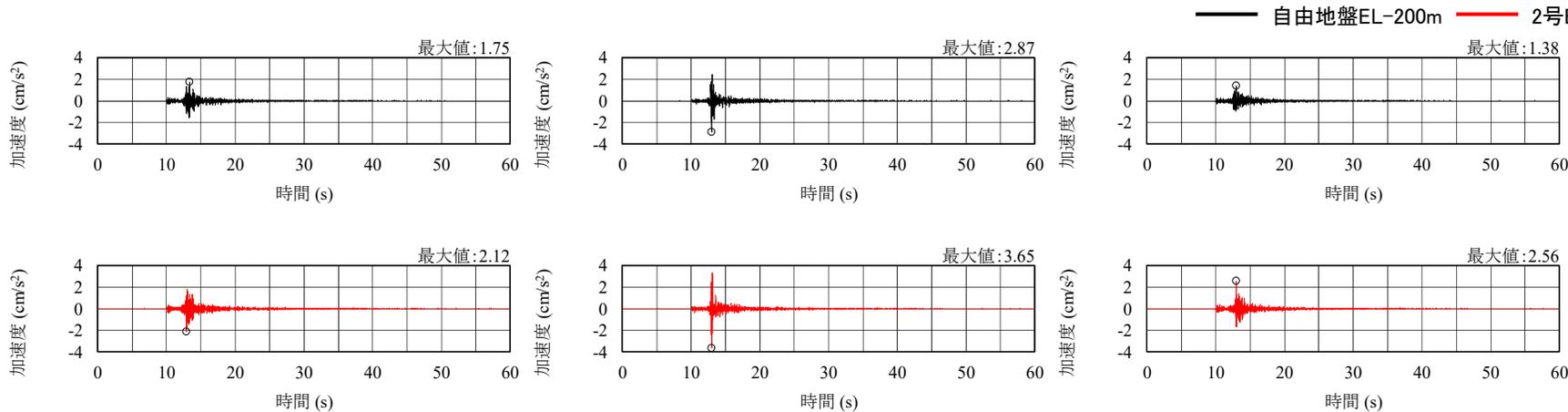
NS方向



EW方向  
擬似速度応答スペクトル



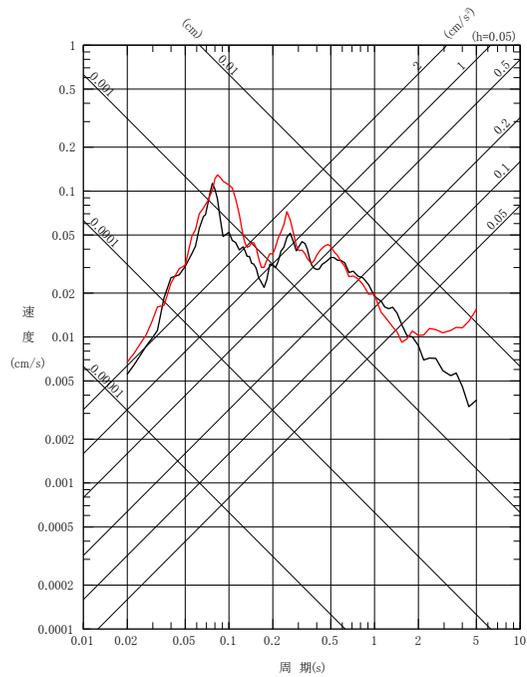
UD方向



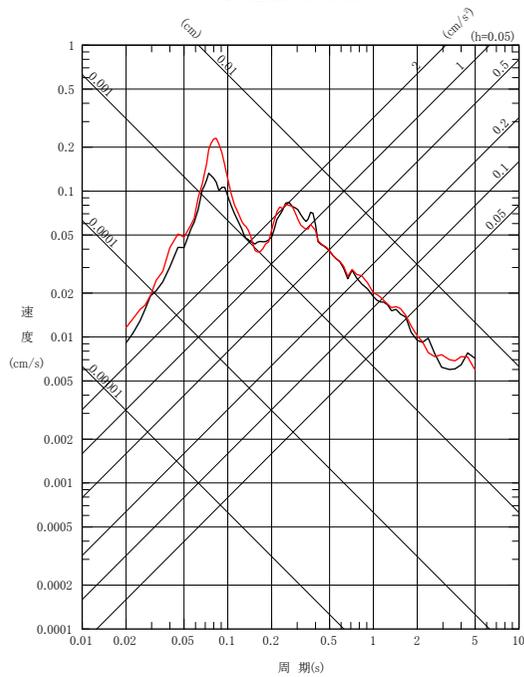
NS方向

EW方向  
加速度時刻歴波形

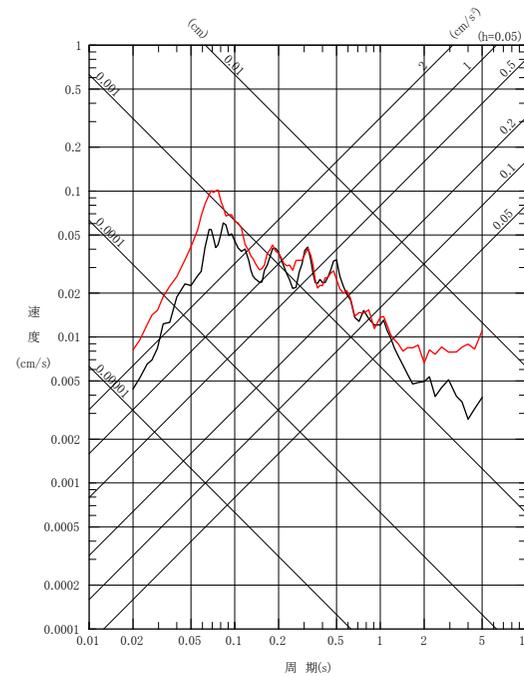
UD方向



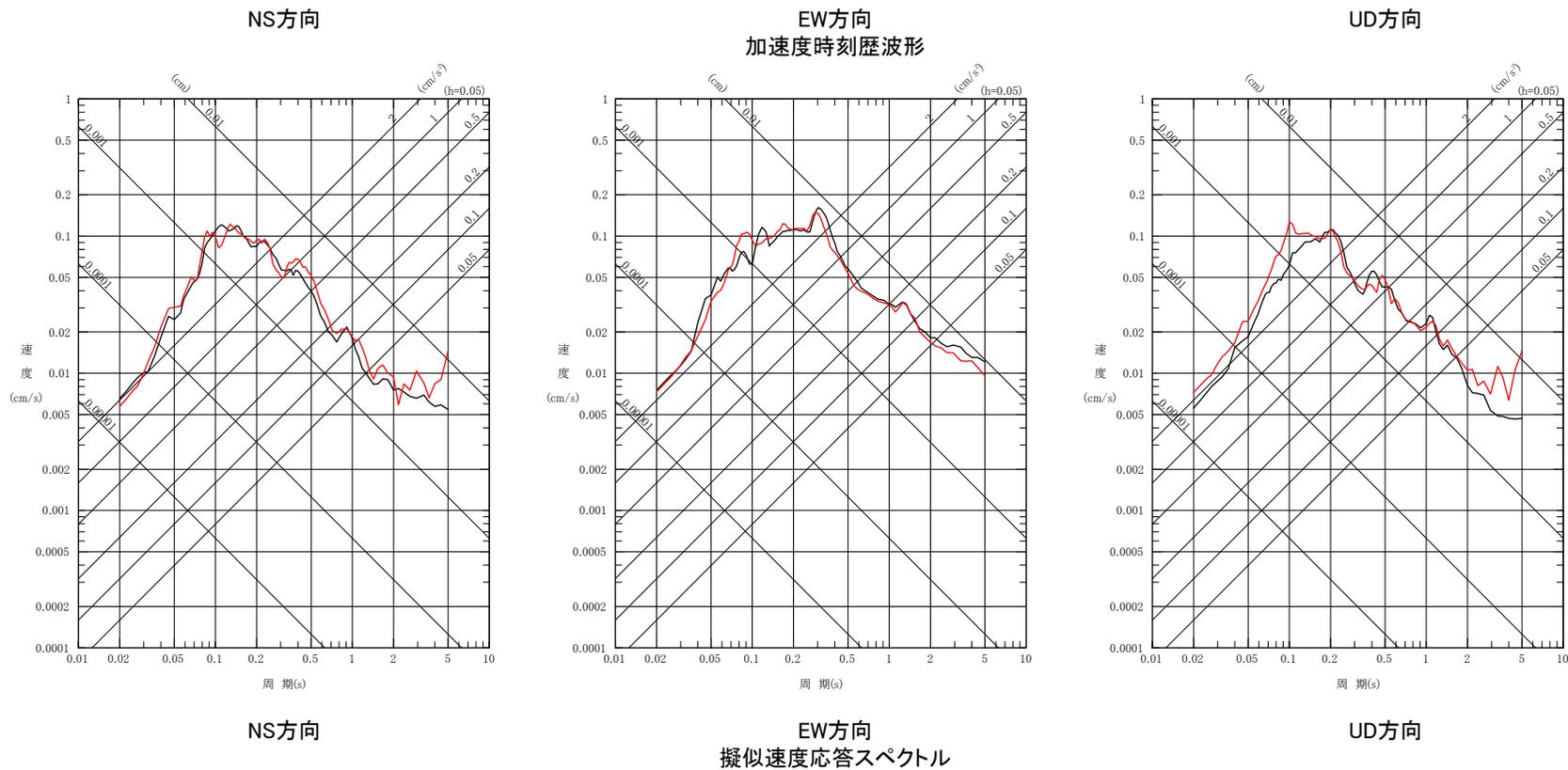
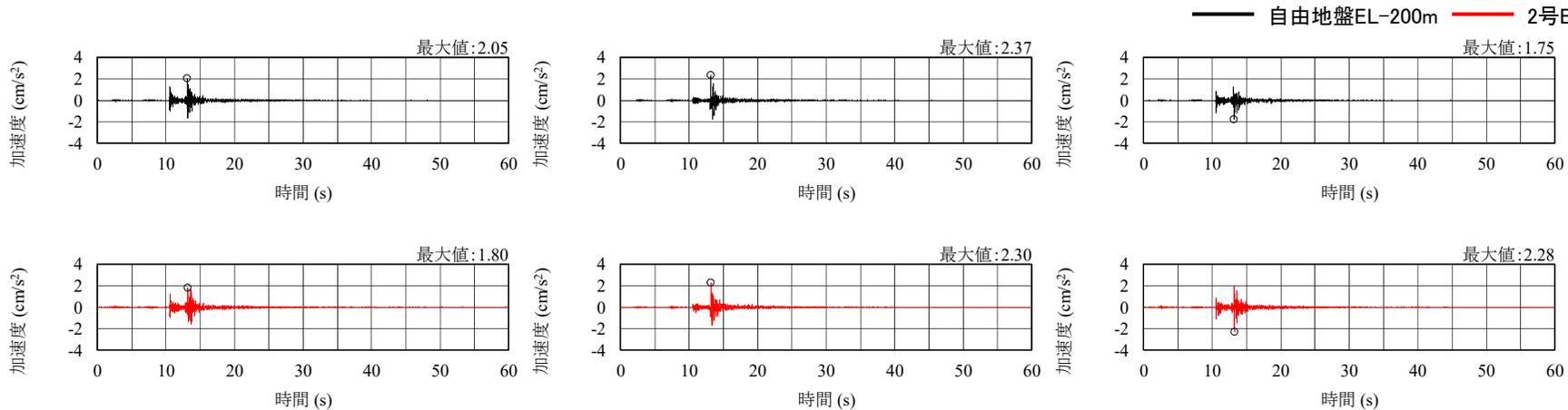
NS方向

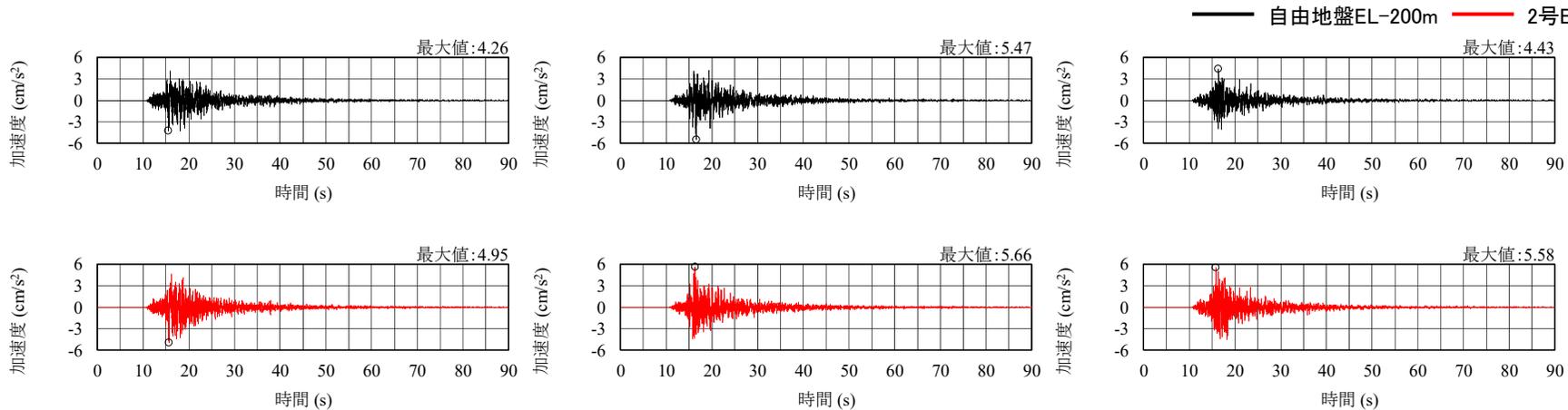


EW方向  
擬似速度応答スペクトル



UD方向

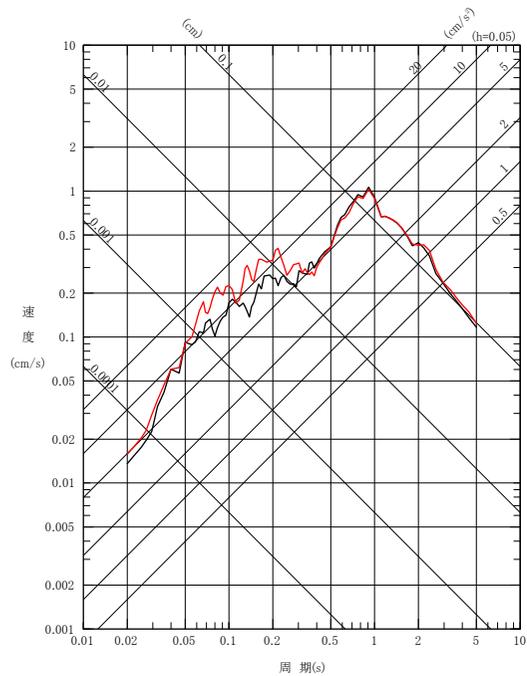




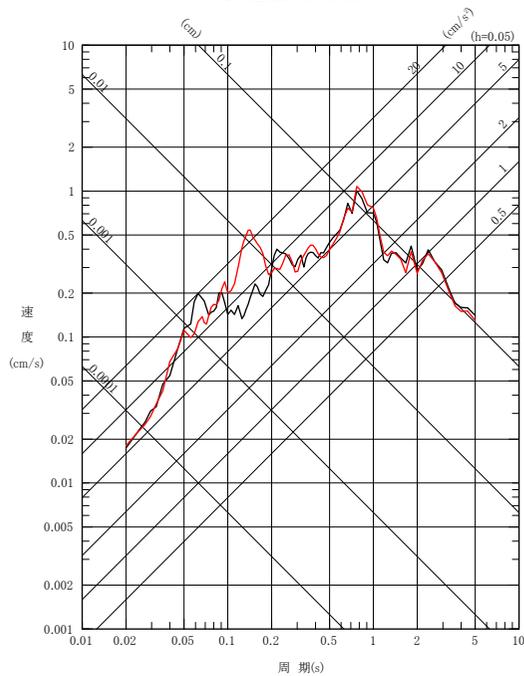
NS方向

EW方向  
加速度時刻歴波形

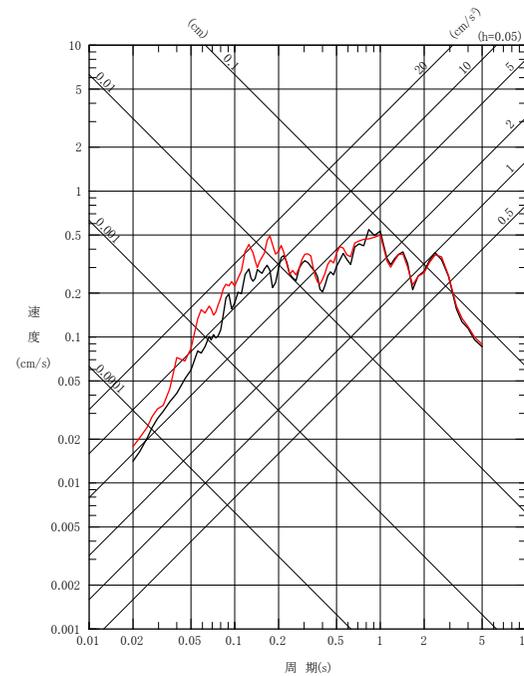
UD方向



NS方向

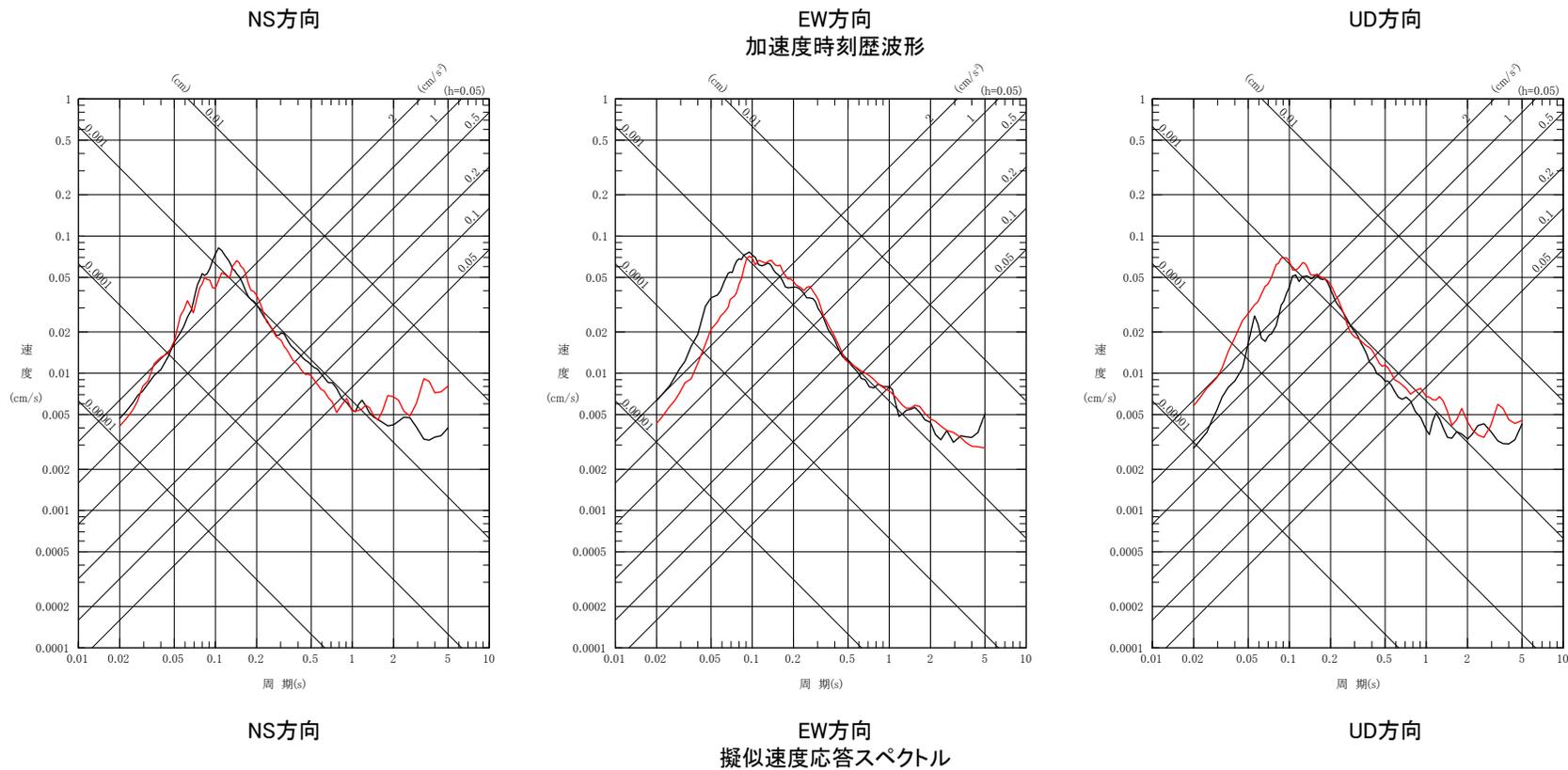
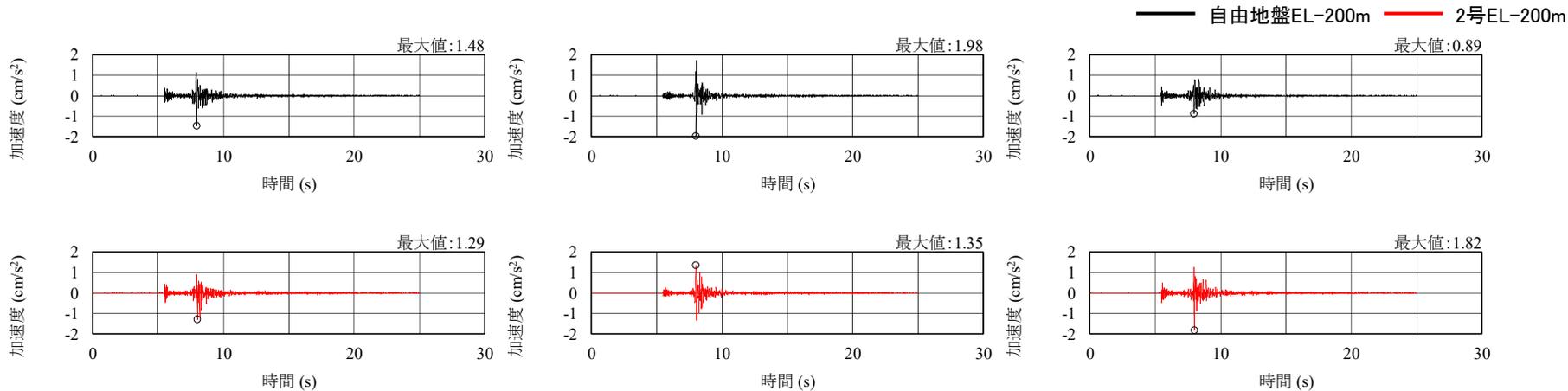


EW方向  
擬似速度応答スペクトル

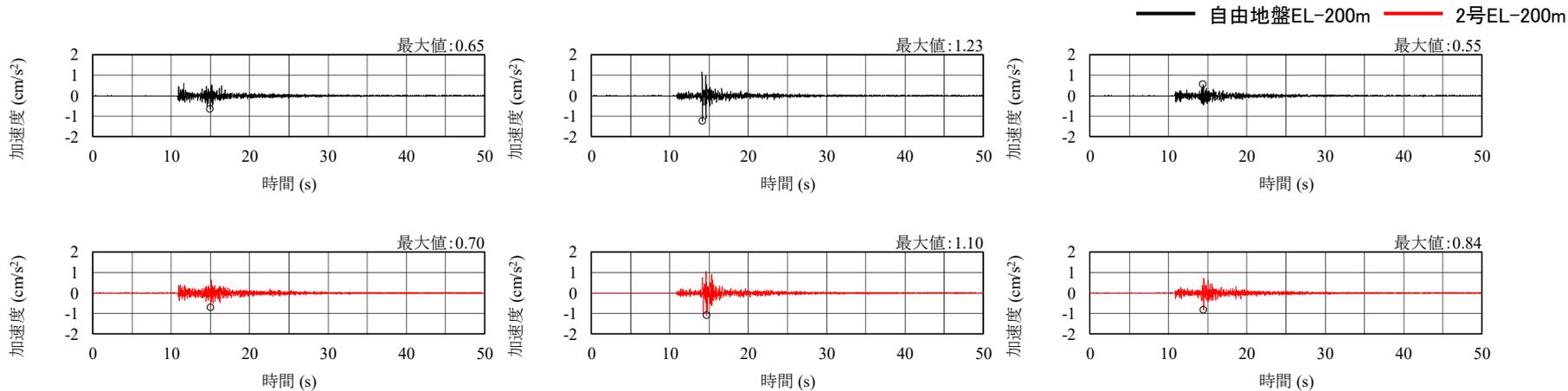


UD方向

# No.24



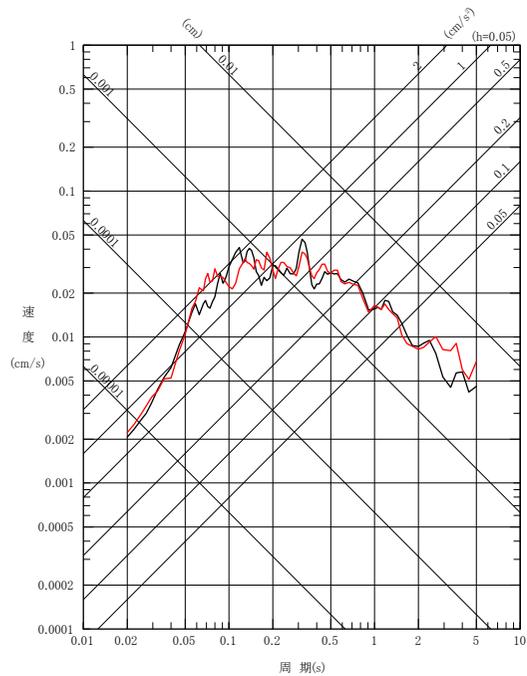
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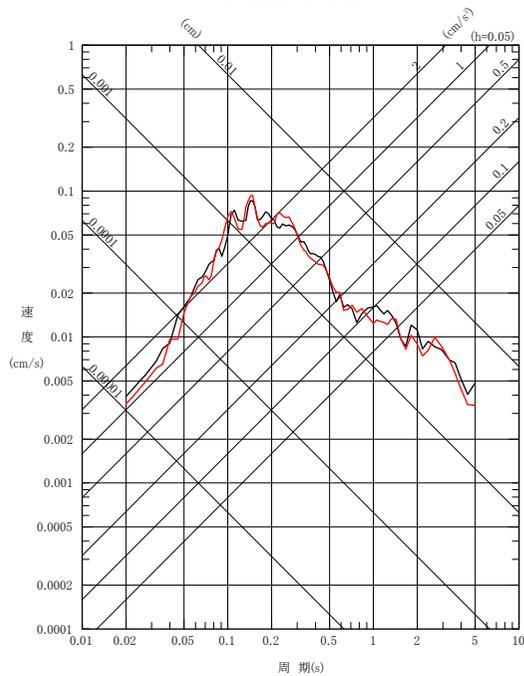
NS方向

EW方向  
加速度時刻歴波形

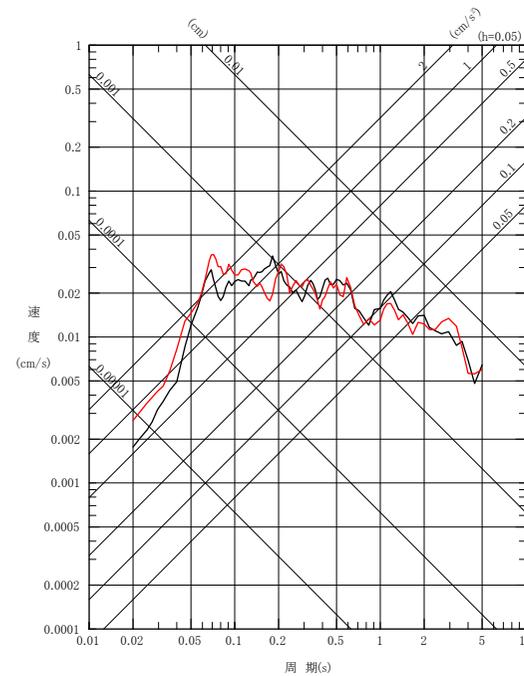
UD方向



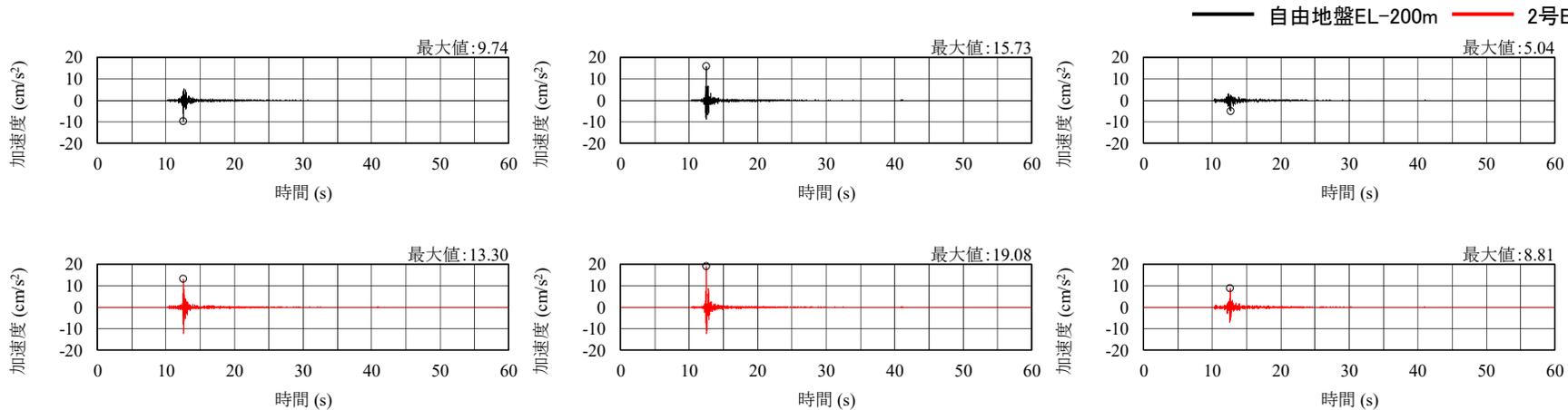
NS方向



EW方向  
擬似速度応答スペクトル



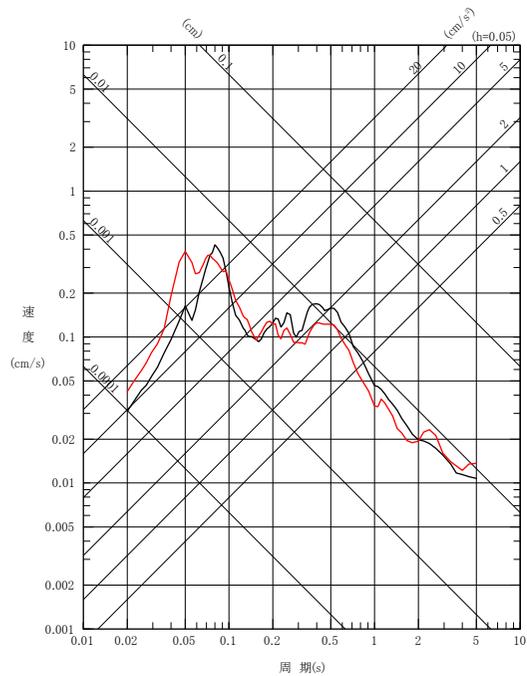
UD方向



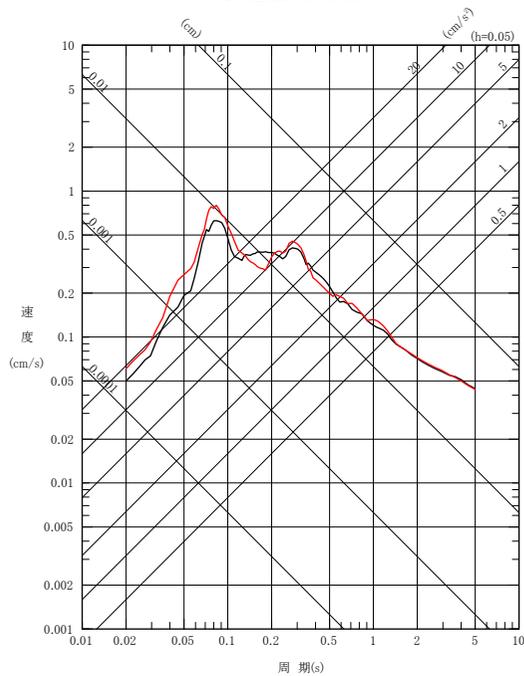
NS方向

EW方向  
加速度時刻歴波形

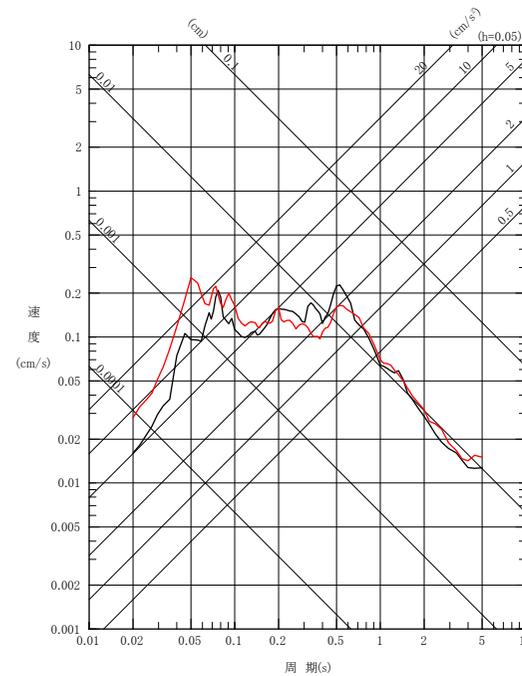
UD方向



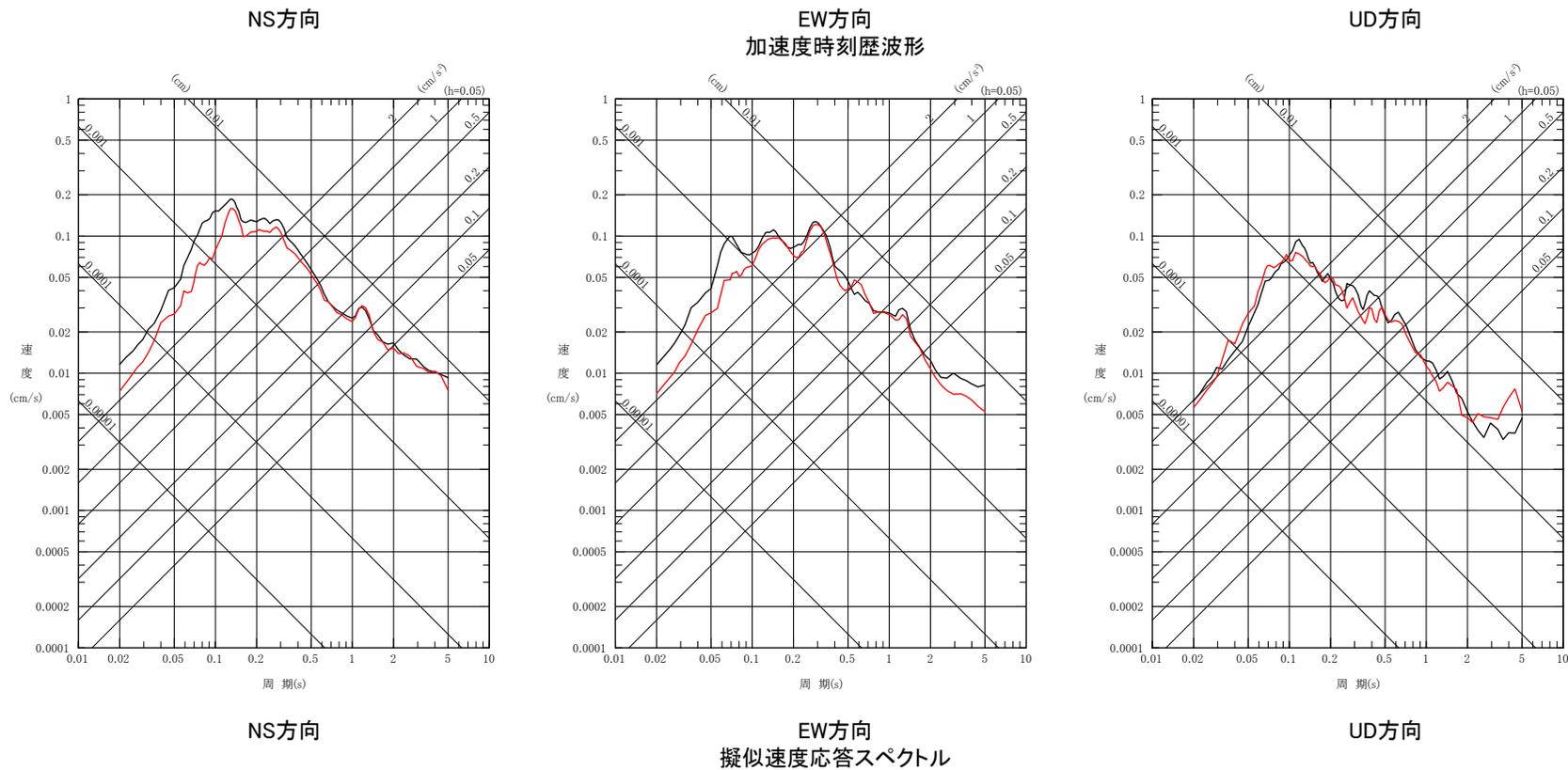
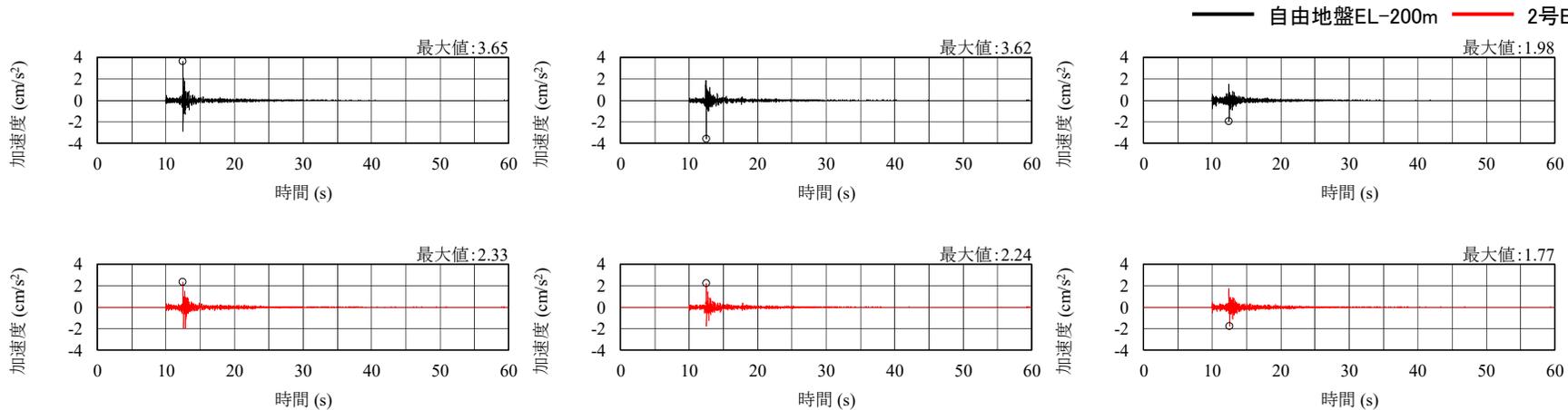
NS方向

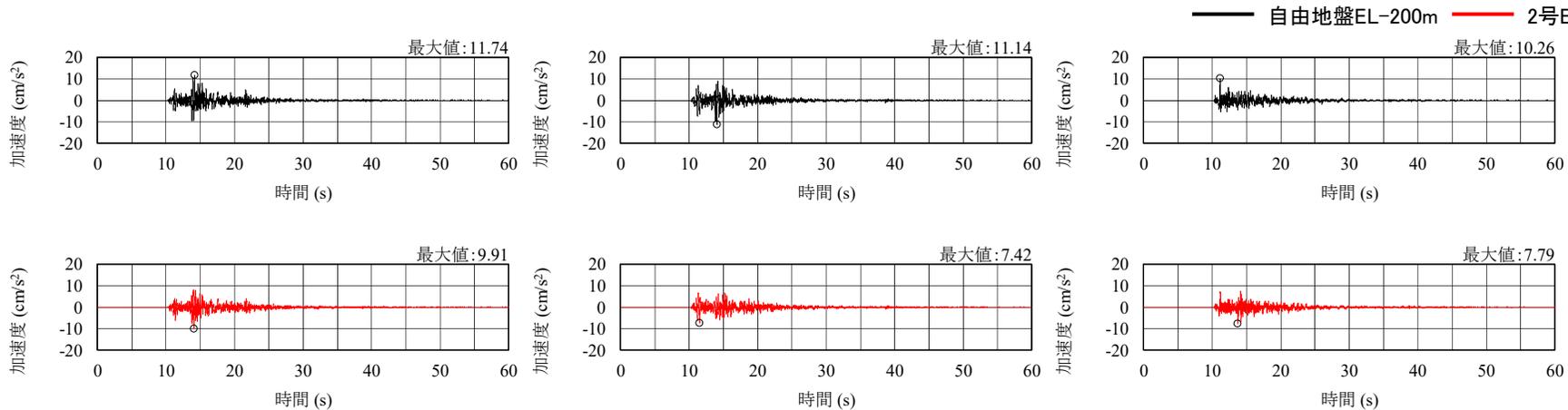


EW方向  
擬似速度応答スペクトル



UD方向

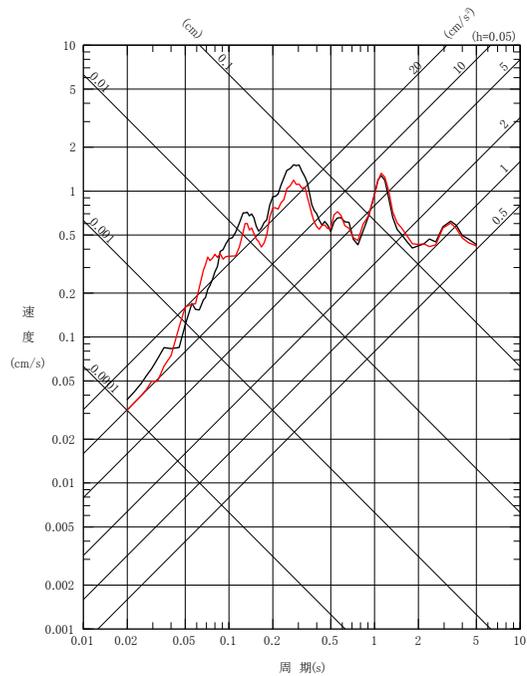




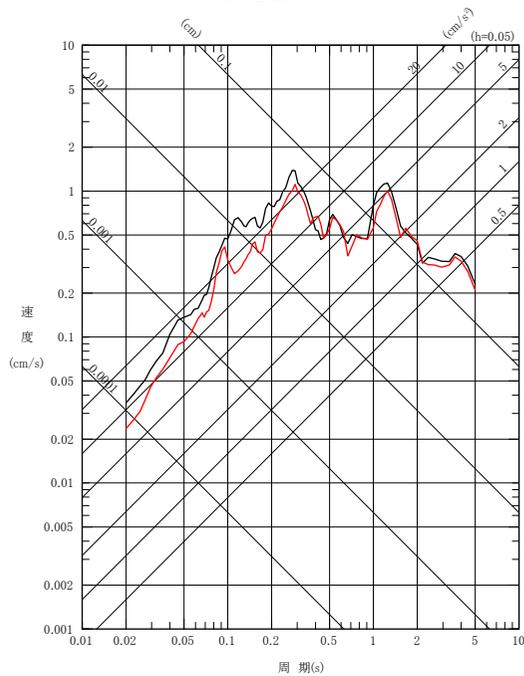
NS方向

EW方向  
加速度時刻歴波形

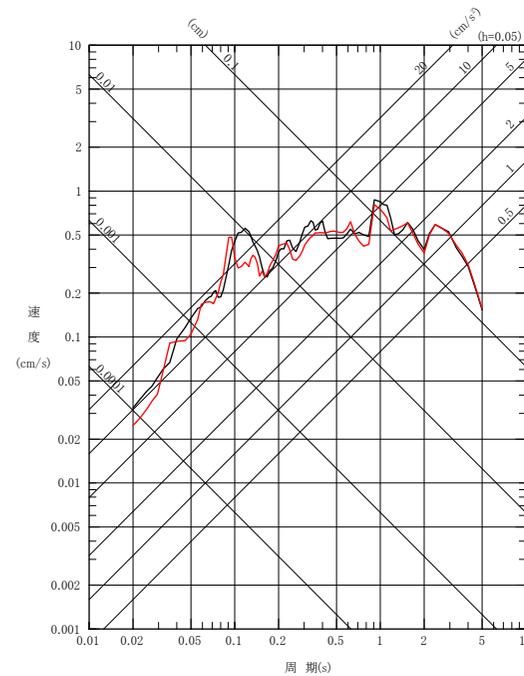
UD方向



NS方向

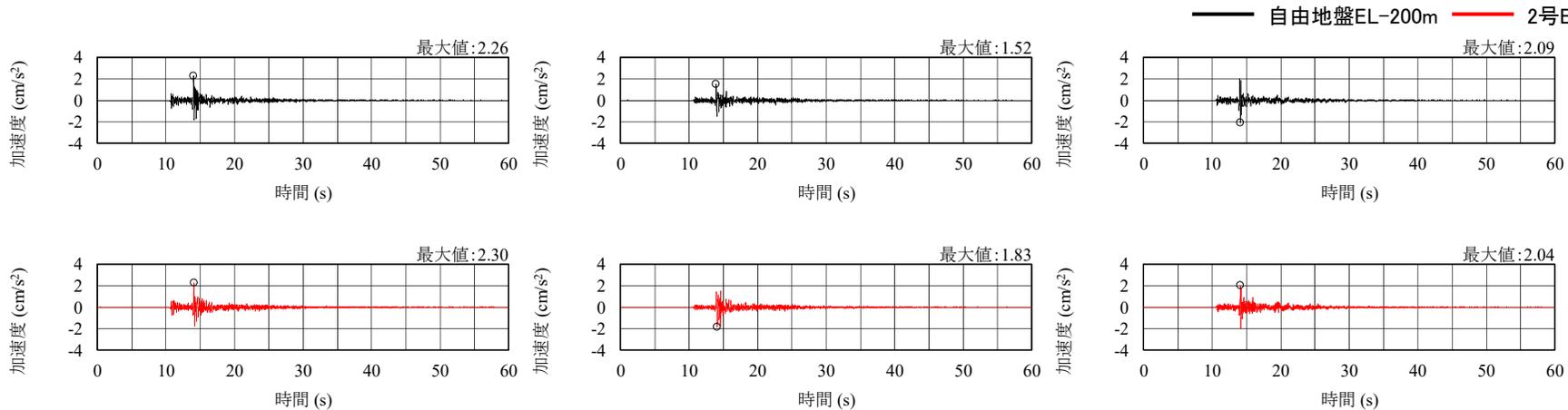


EW方向  
擬似速度応答スペクトル



UD方向

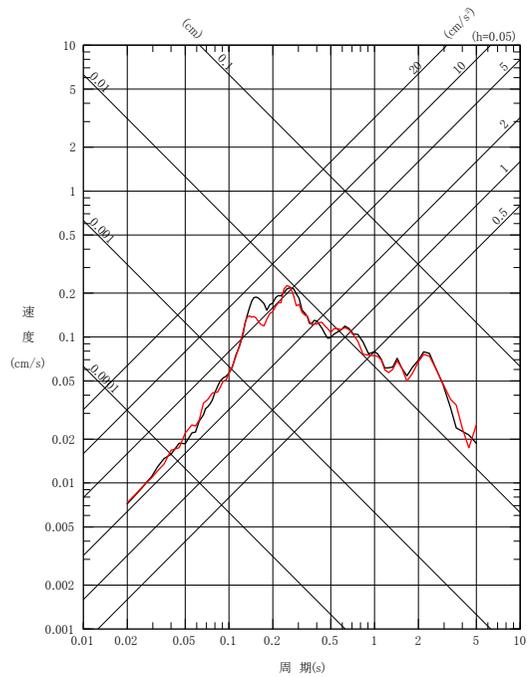
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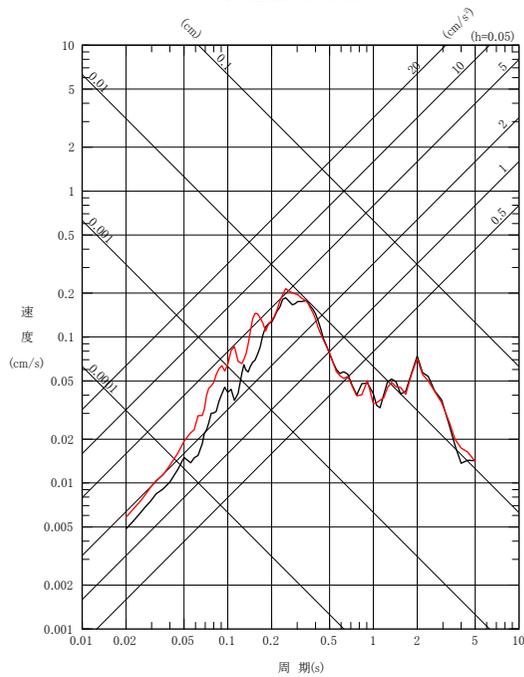
NS方向

EW方向  
加速度時刻歴波形

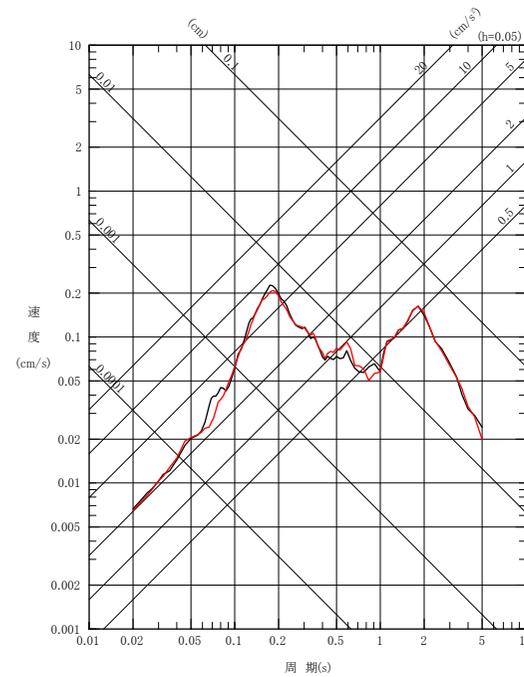
UD方向



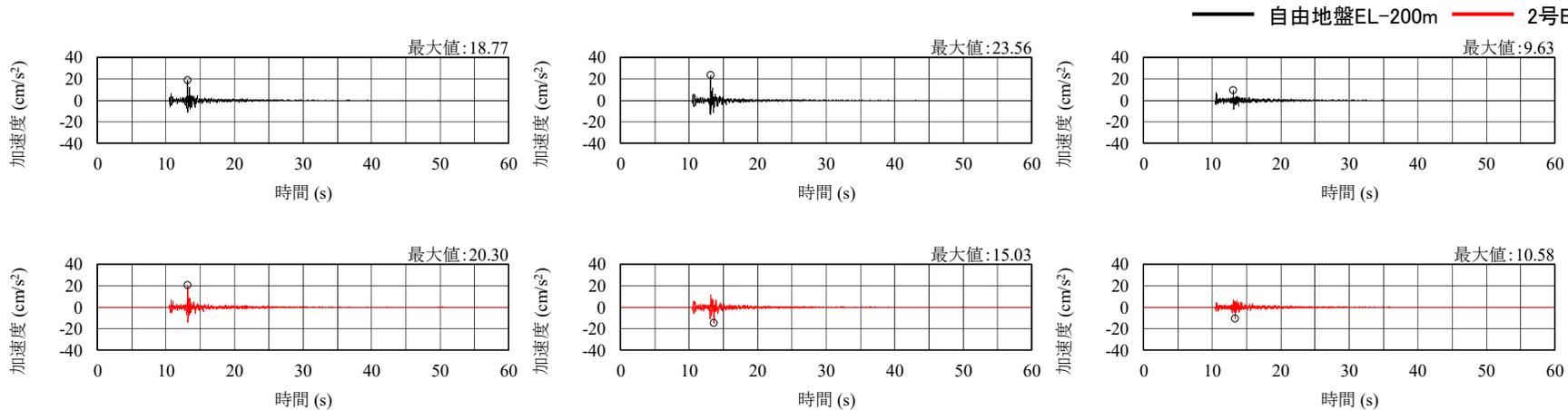
NS方向



EW方向  
擬似速度応答スペクトル



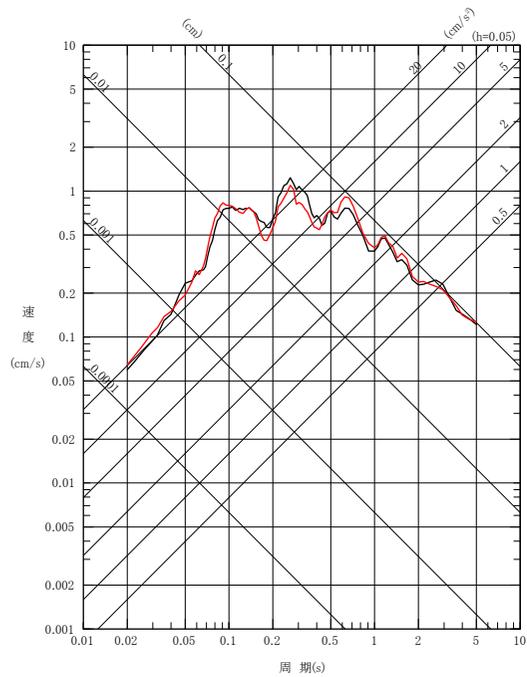
UD方向



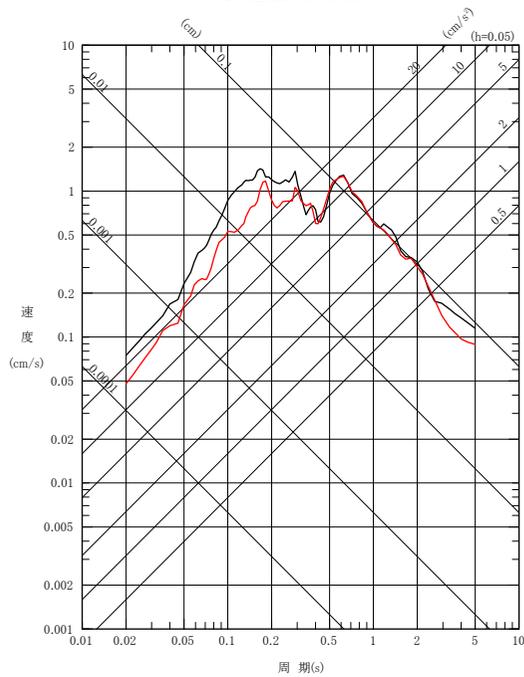
NS方向

EW方向  
加速度時刻歴波形

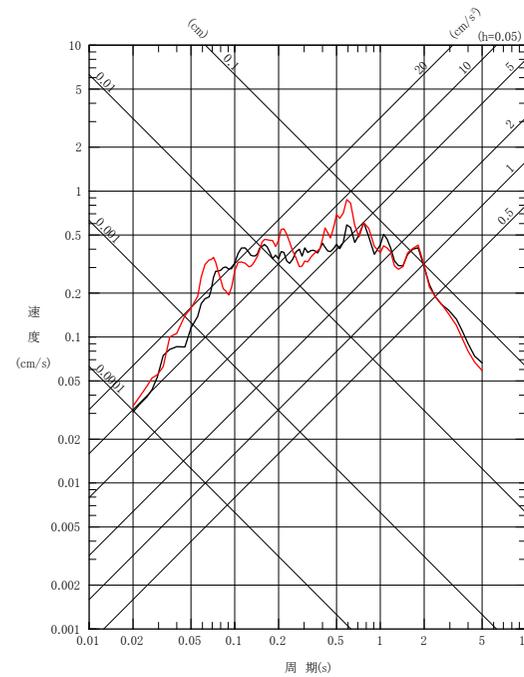
UD方向



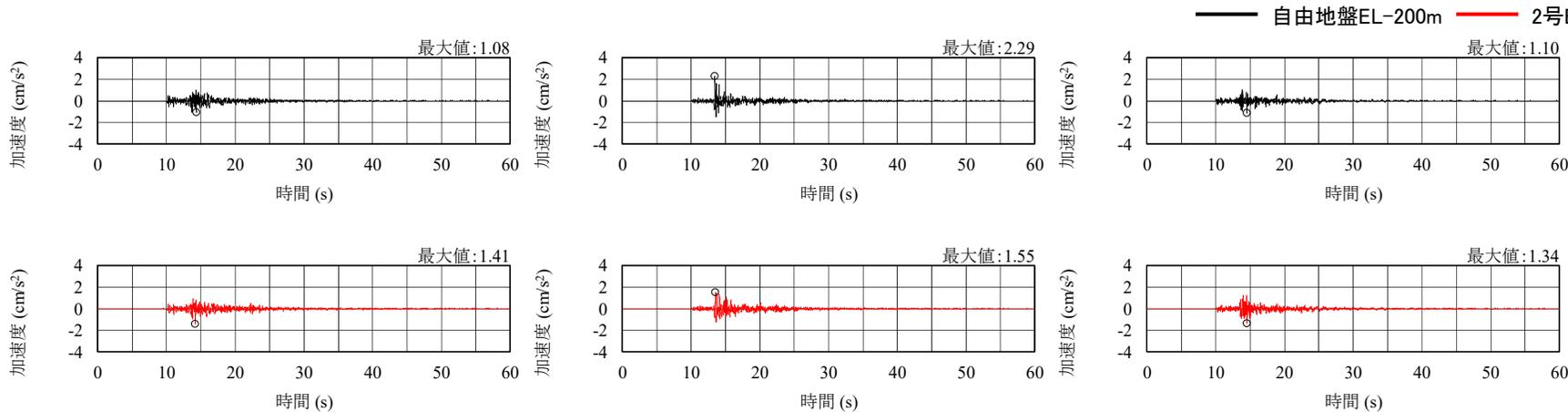
NS方向



EW方向  
擬似速度応答スペクトル



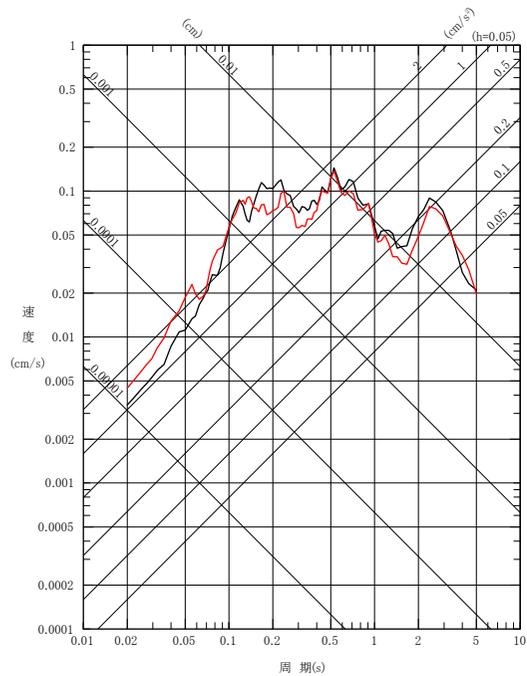
UD方向



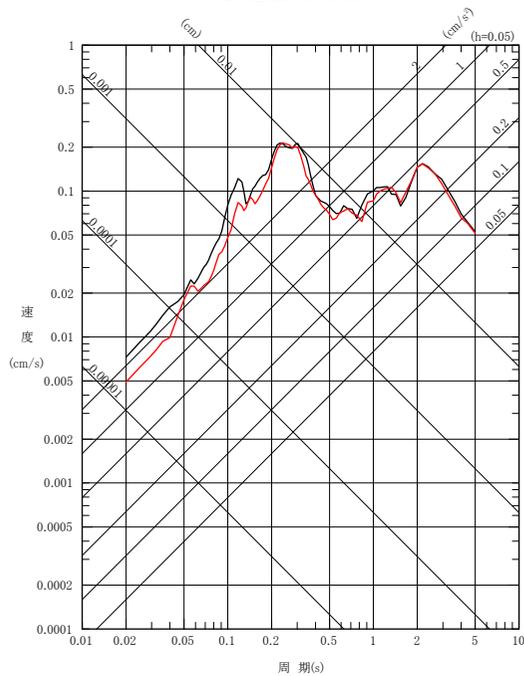
NS方向

EW方向  
加速度時刻歴波形

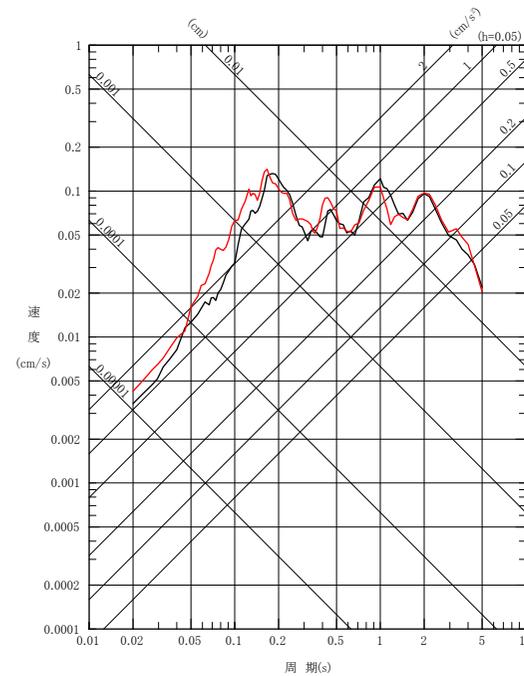
UD方向



NS方向

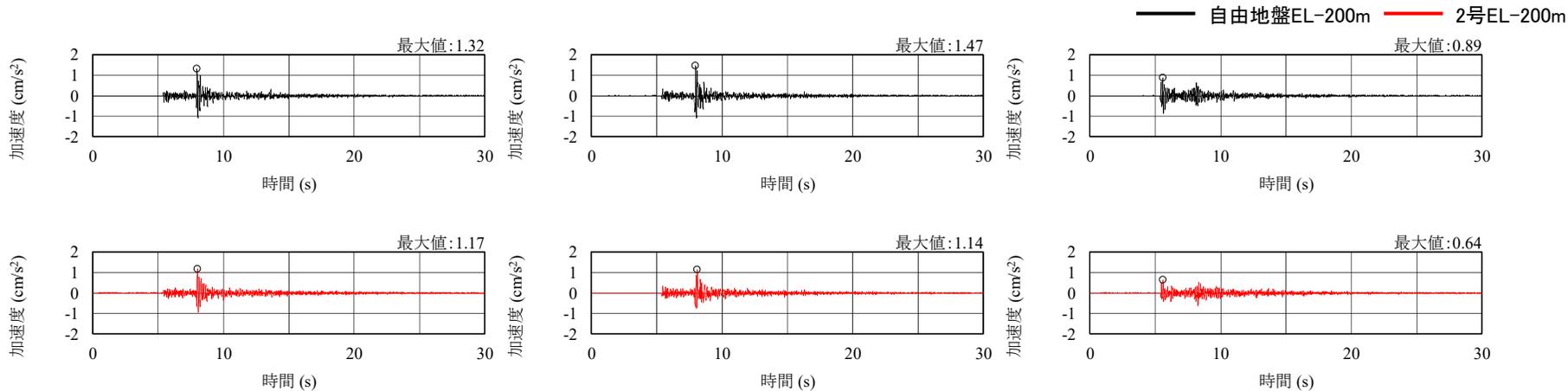


EW方向  
擬似速度応答スペクトル



UD方向

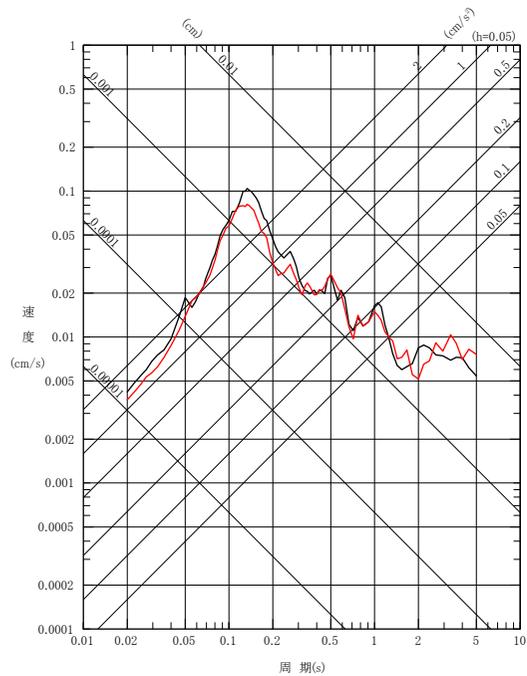
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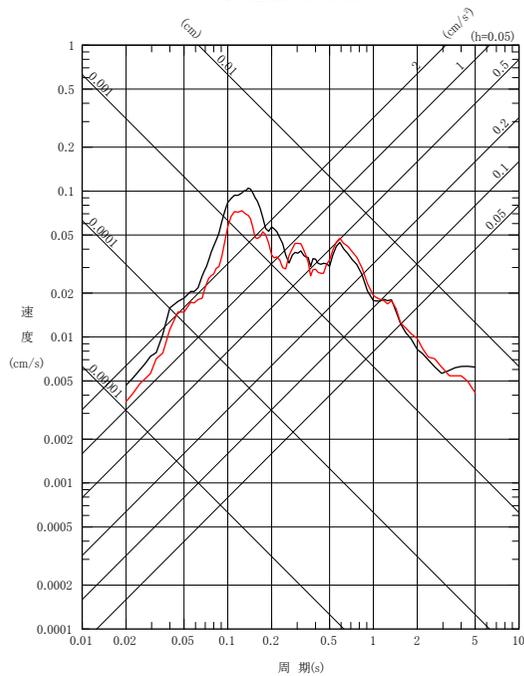
NS方向

EW方向  
加速度時刻歴波形

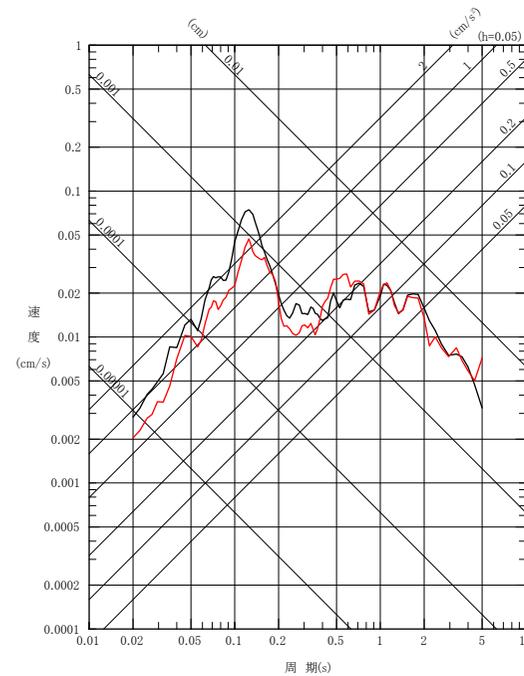
UD方向



NS方向

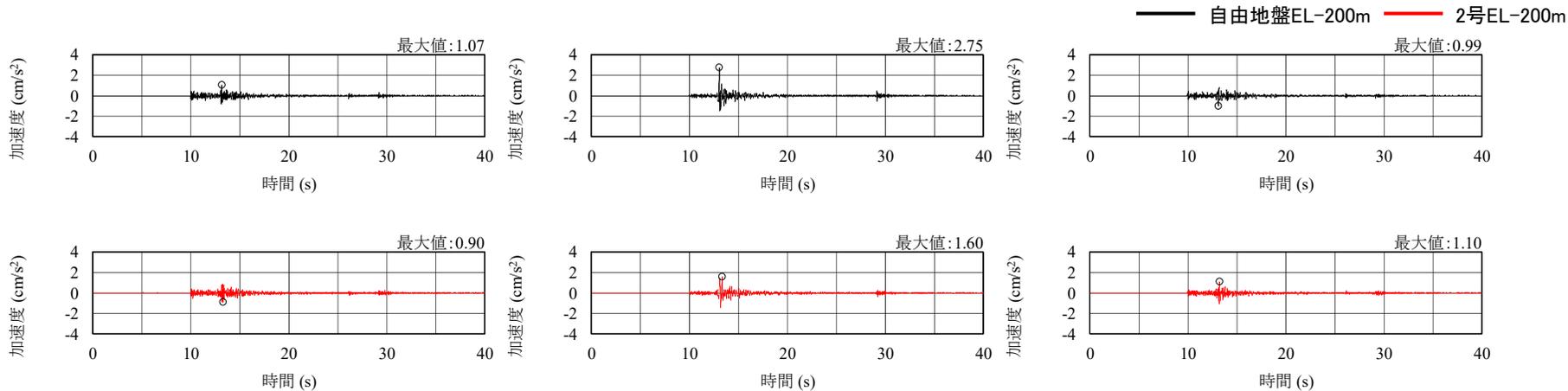


EW方向  
擬似速度応答スペクトル



UD方向

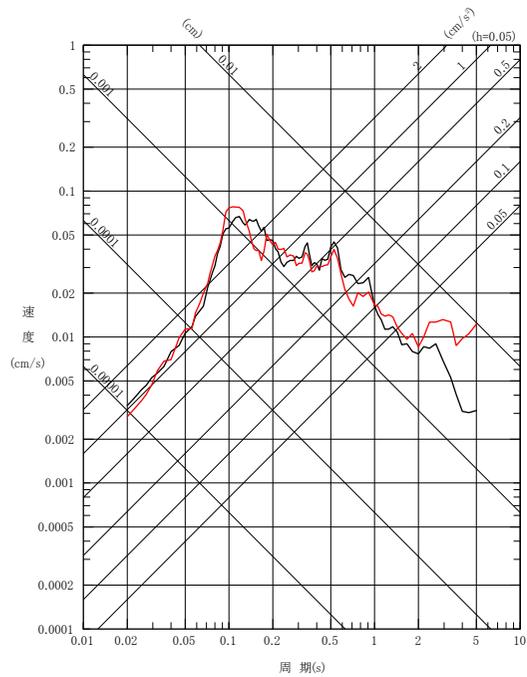
# No.33



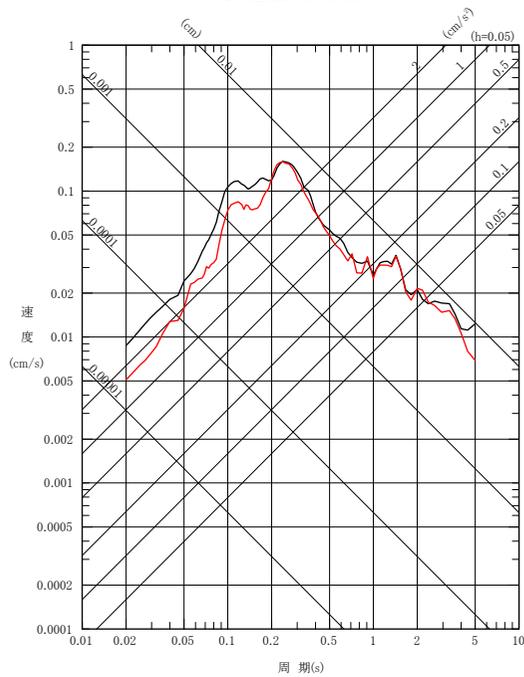
NS方向

EW方向  
加速度時刻歴波形

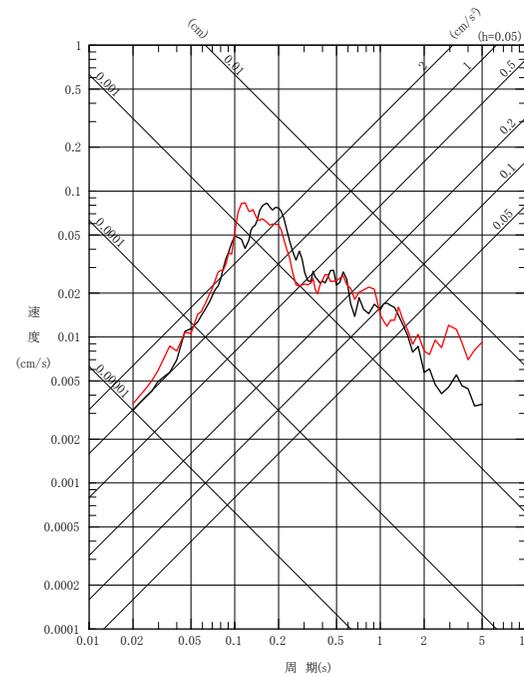
UD方向



NS方向

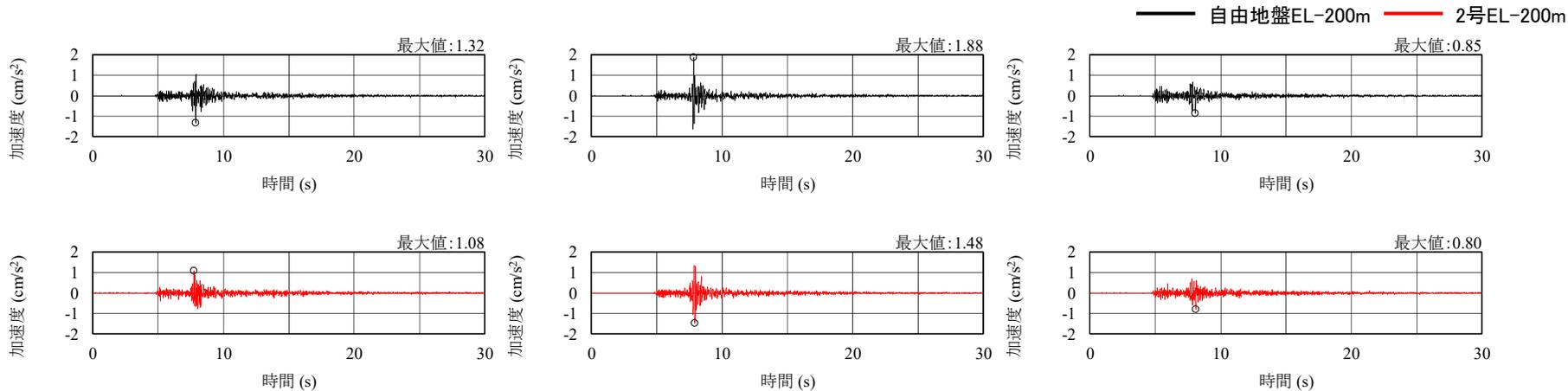


EW方向  
擬似速度応答スペクトル



UD方向

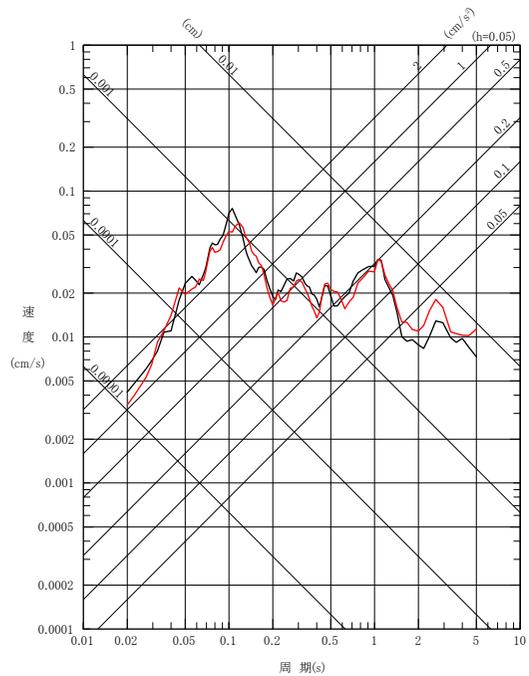
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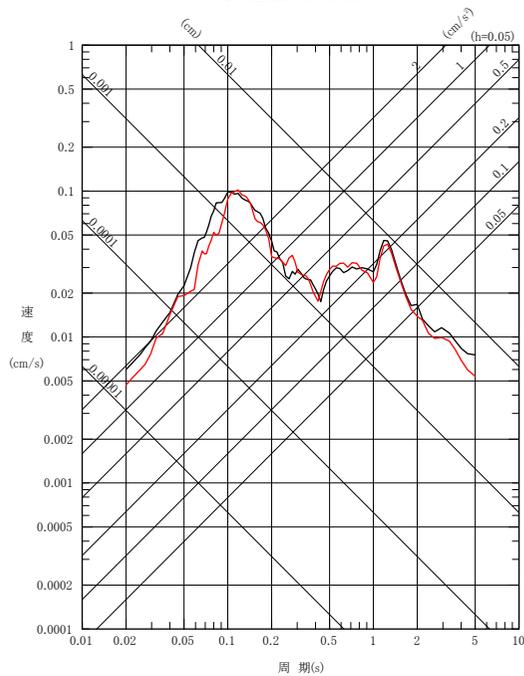
NS方向

EW方向  
加速度時刻歴波形

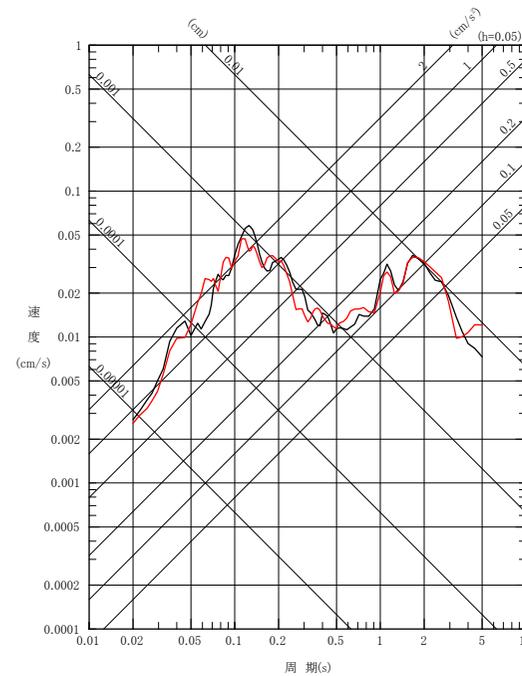
UD方向



NS方向

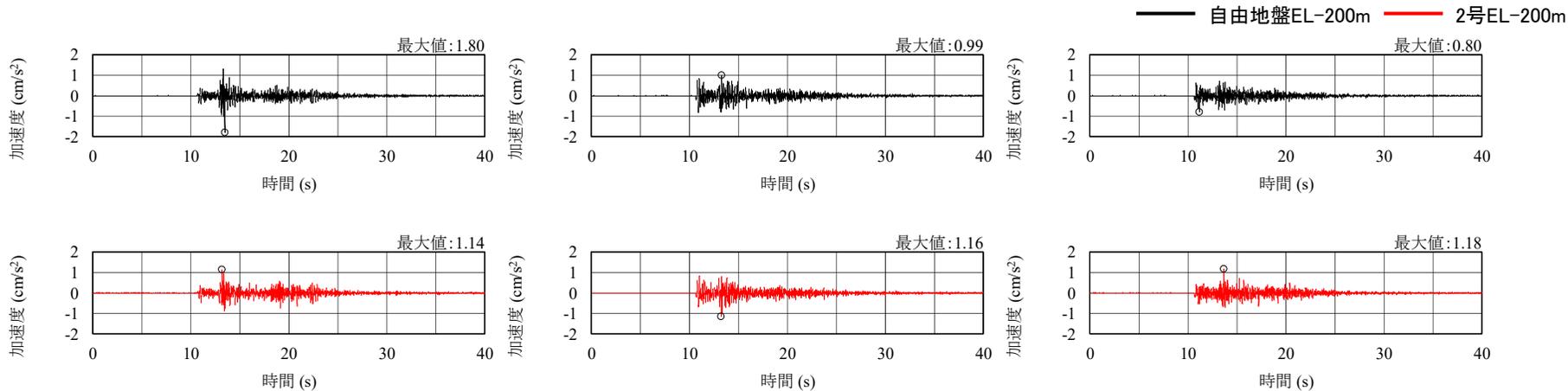


EW方向  
擬似速度応答スペクトル



UD方向

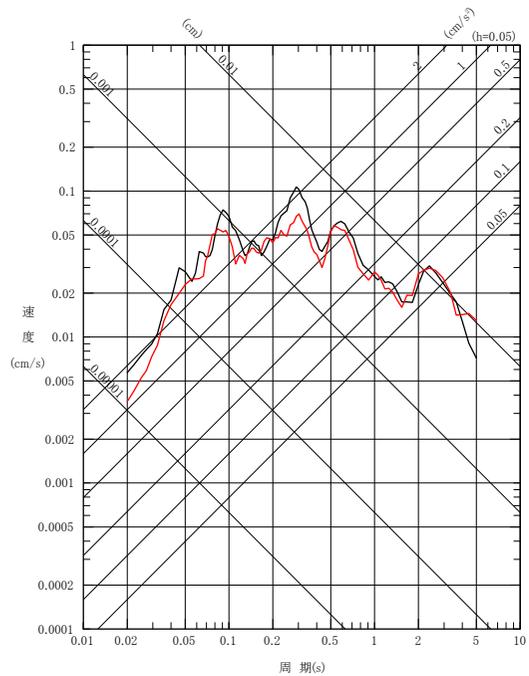
# No.35



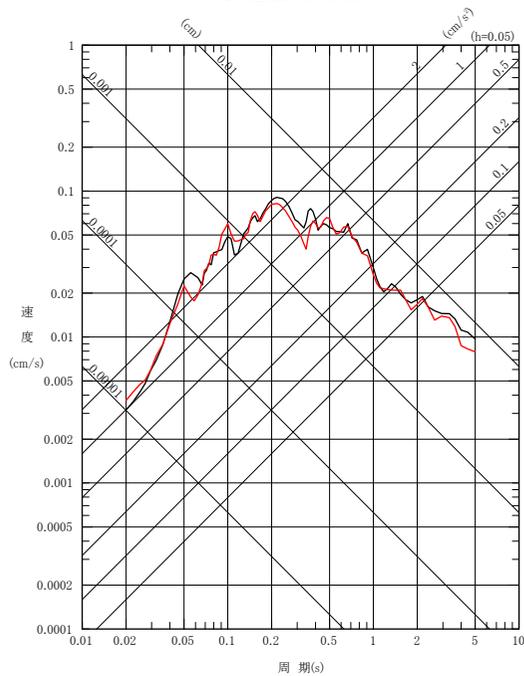
NS方向

EW方向  
加速度時刻歴波形

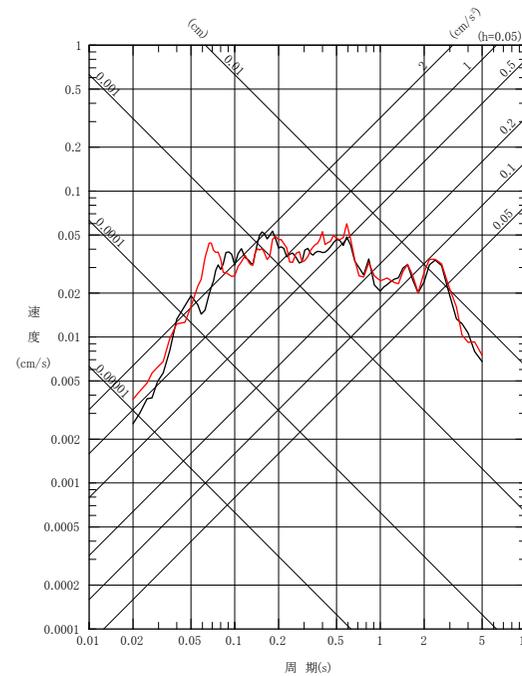
UD方向



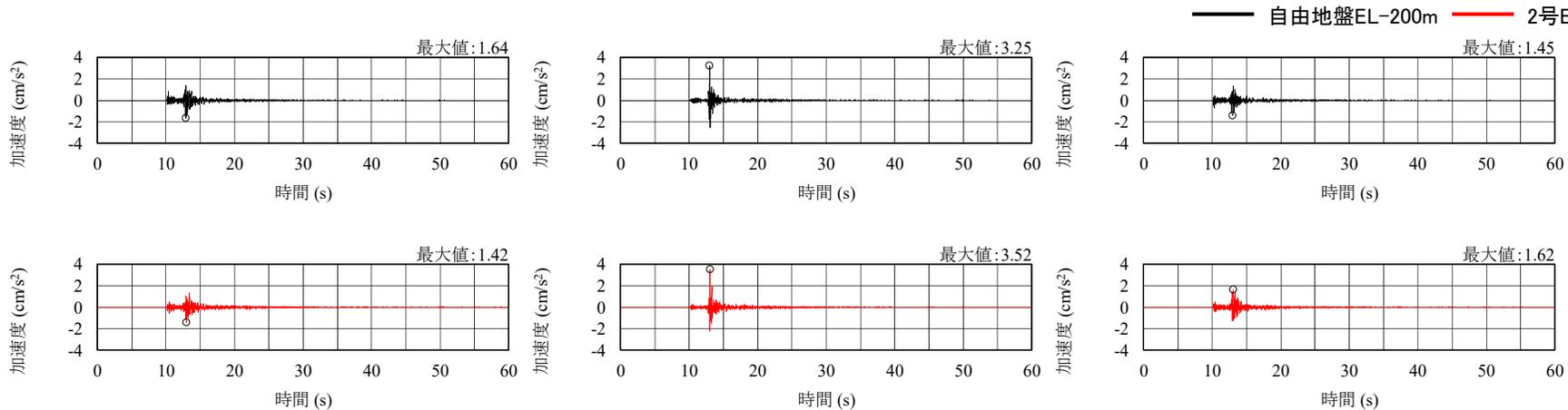
NS方向



EW方向  
擬似速度応答スペクトル



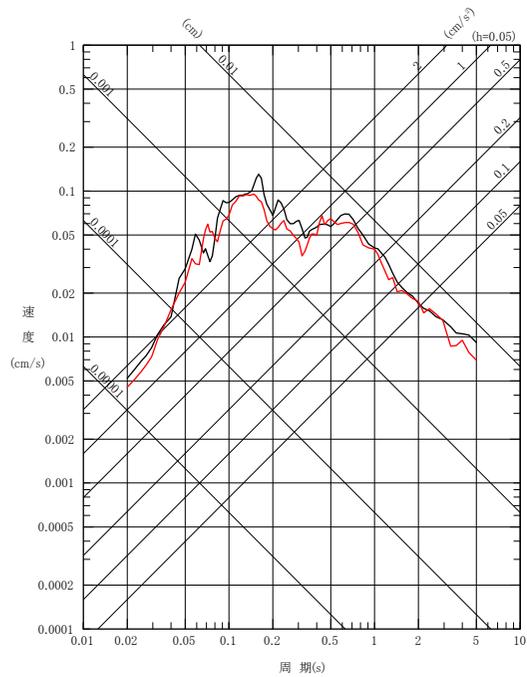
UD方向



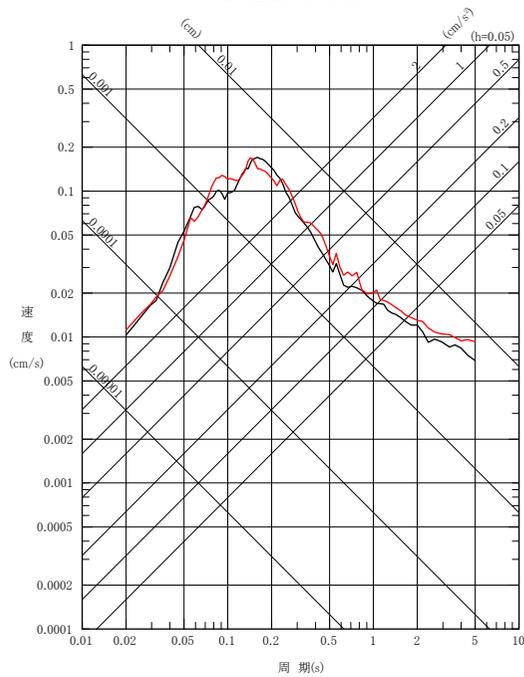
NS方向

EW方向  
加速度時刻歴波形

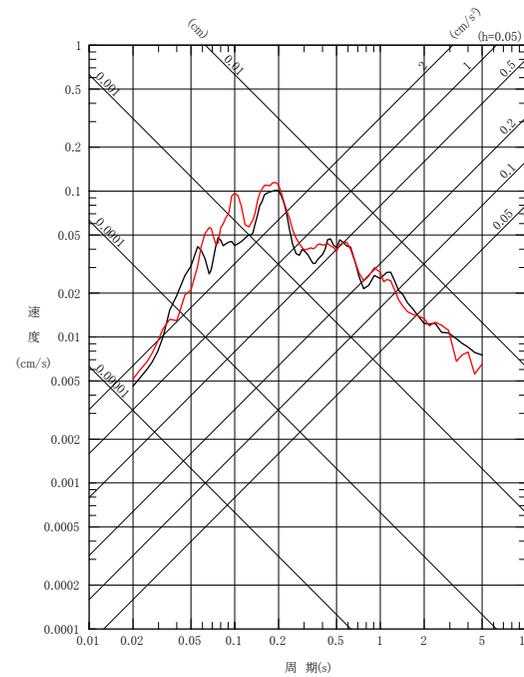
UD方向



NS方向

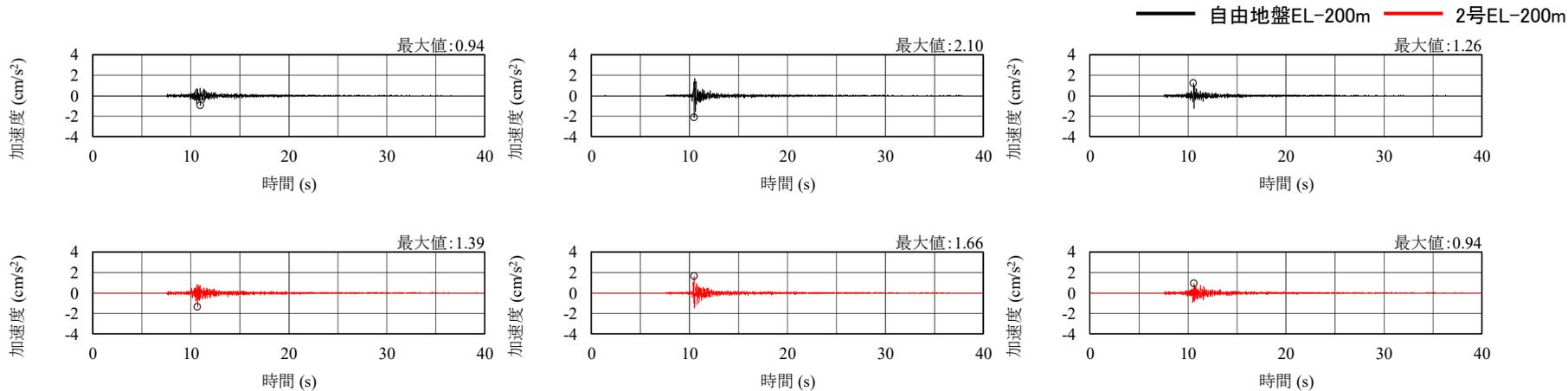


EW方向  
擬似速度応答スペクトル



UD方向

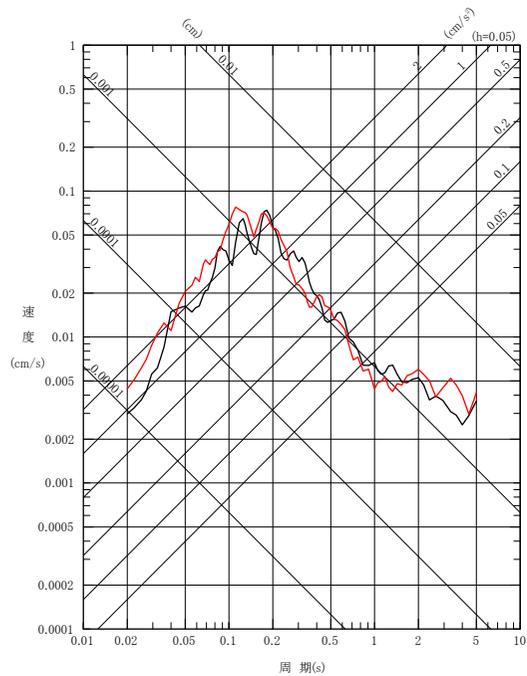
# No.37



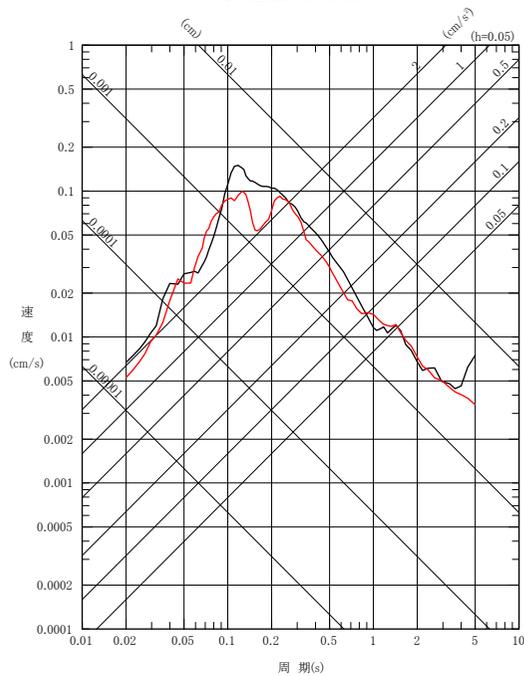
NS方向

EW方向  
加速度時刻歴波形

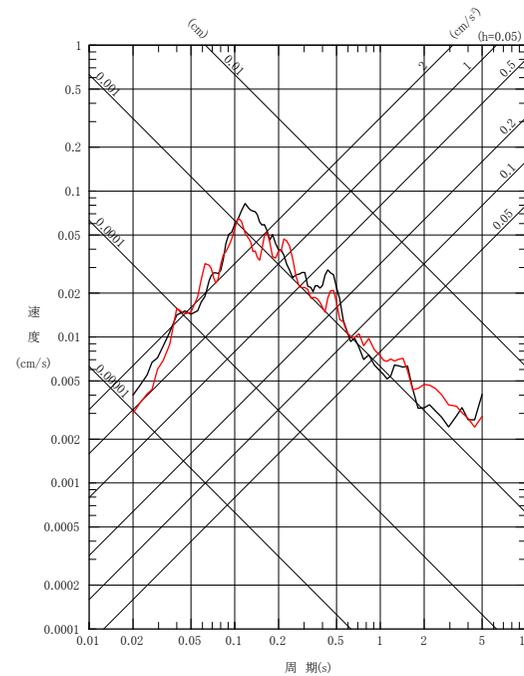
UD方向



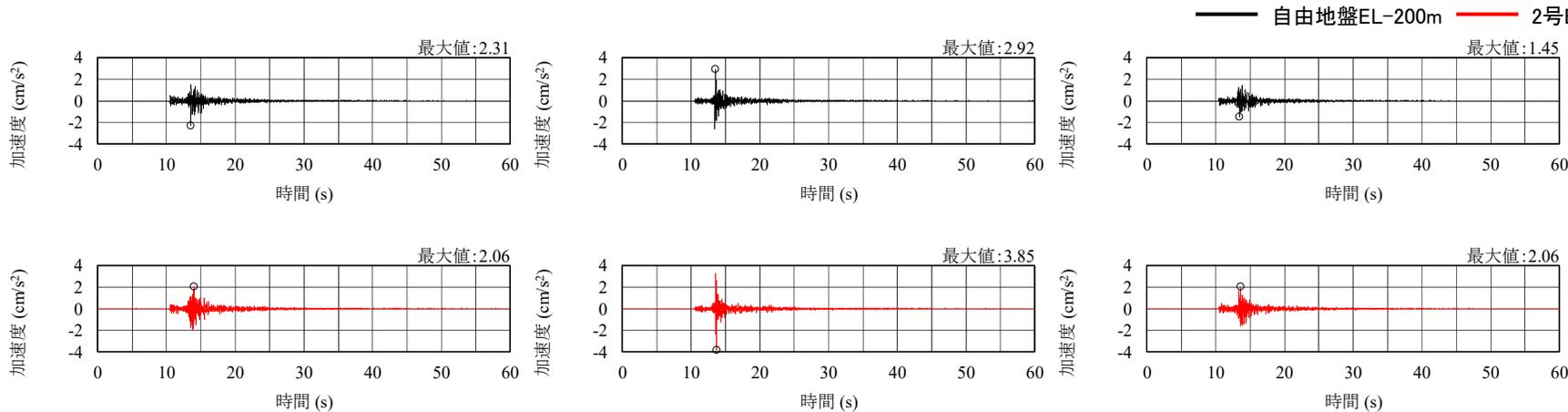
NS方向



EW方向  
擬似速度応答スペクトル



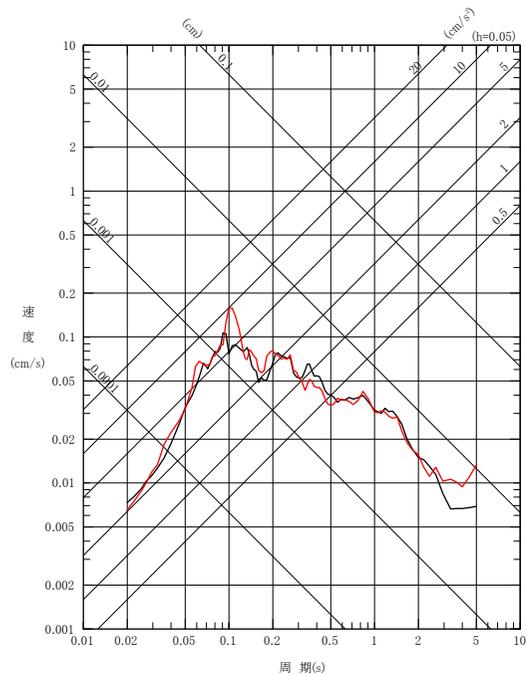
UD方向



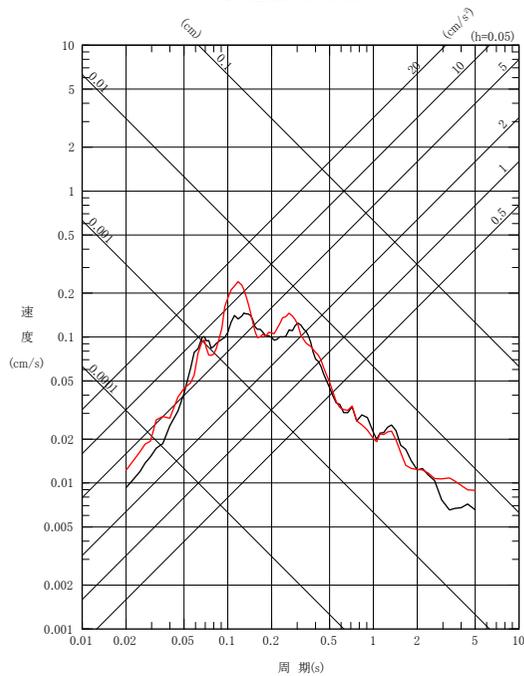
NS方向

EW方向  
加速度時刻歴波形

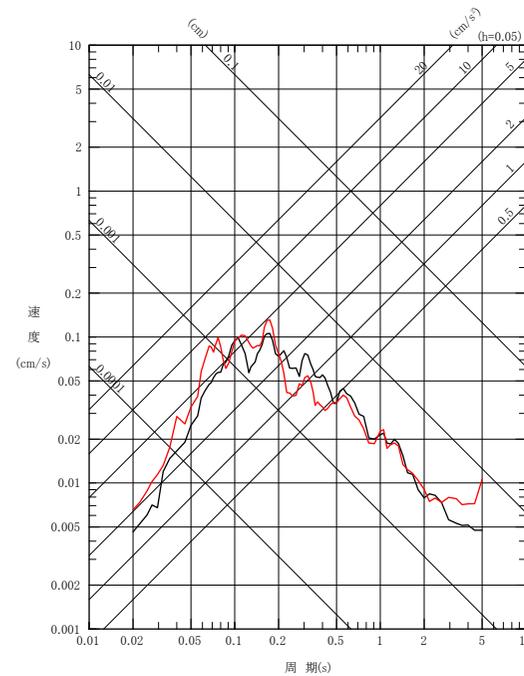
UD方向



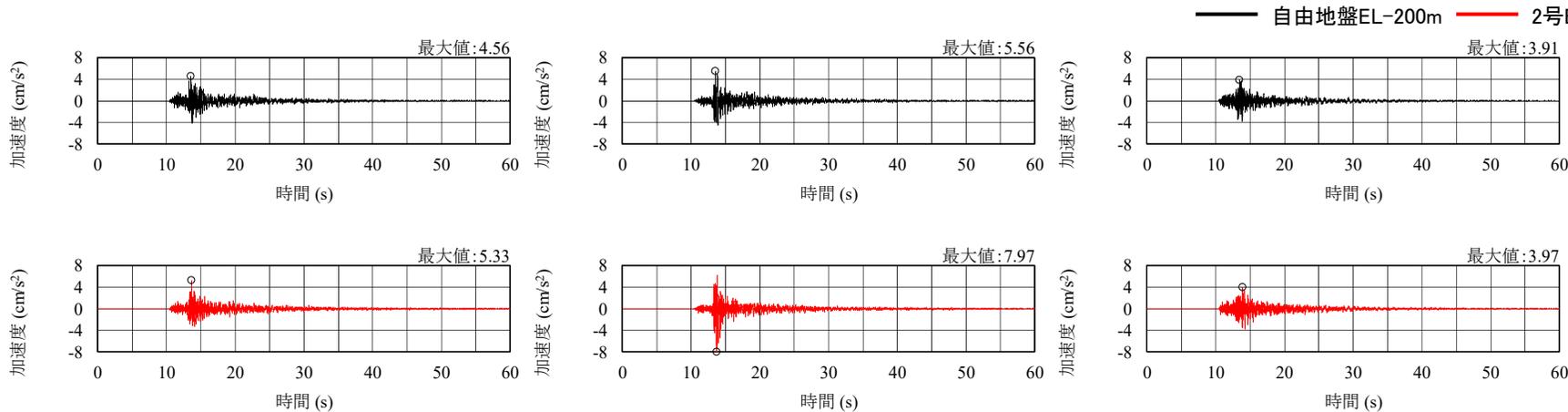
NS方向



EW方向  
擬似速度応答スペクトル



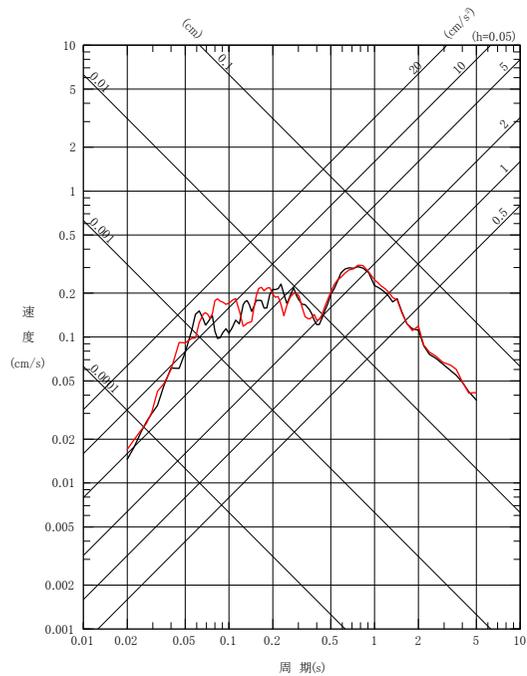
UD方向



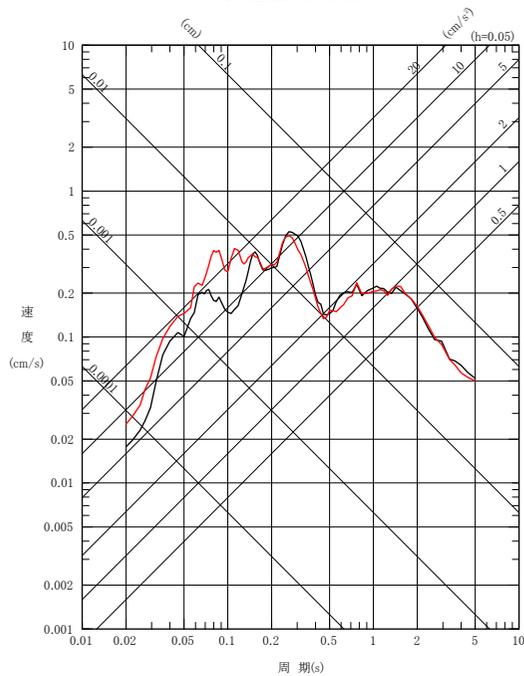
NS方向

EW方向  
加速度時刻歴波形

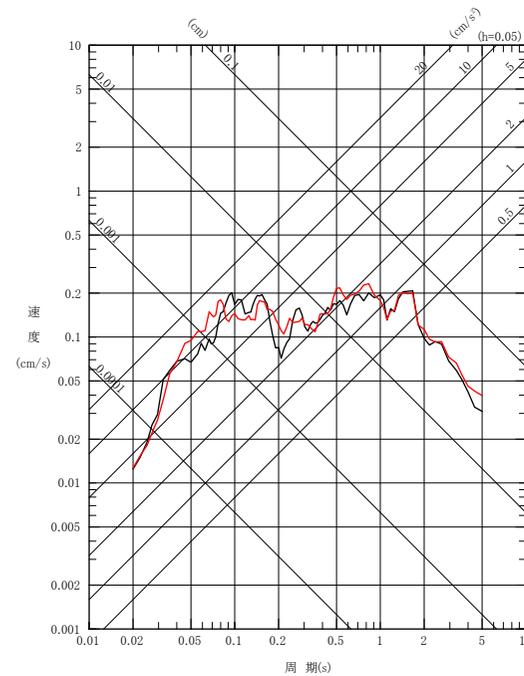
UD方向



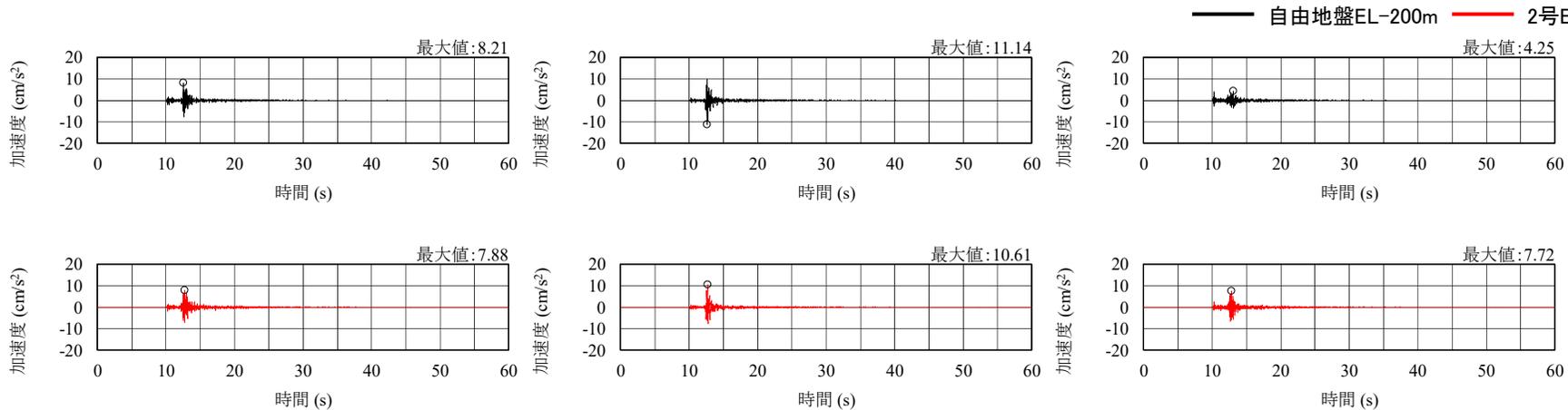
NS方向



EW方向  
擬似速度応答スペクトル



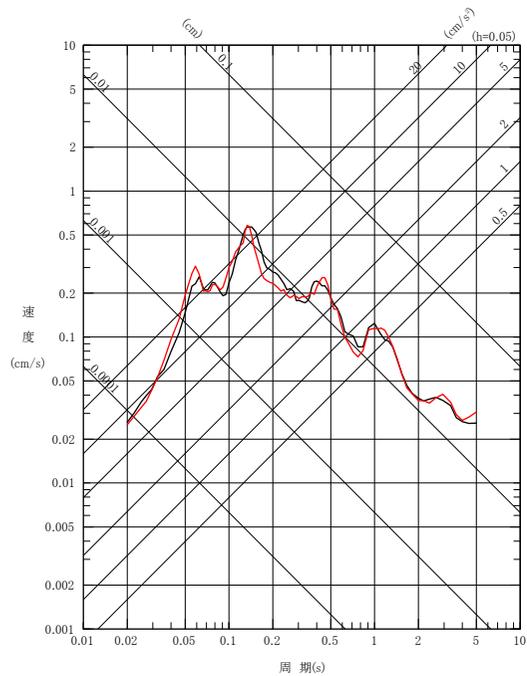
UD方向



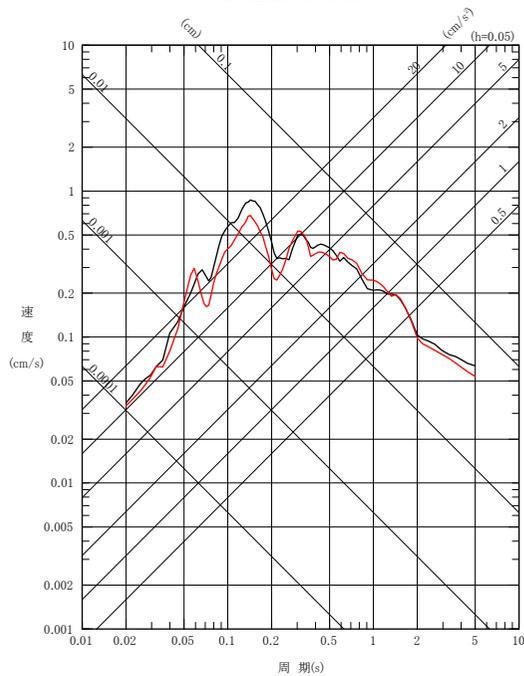
NS方向

EW方向  
加速度時刻歴波形

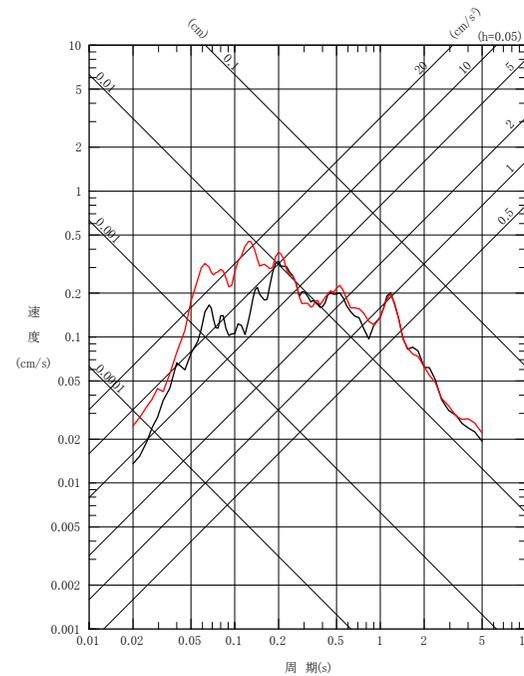
UD方向



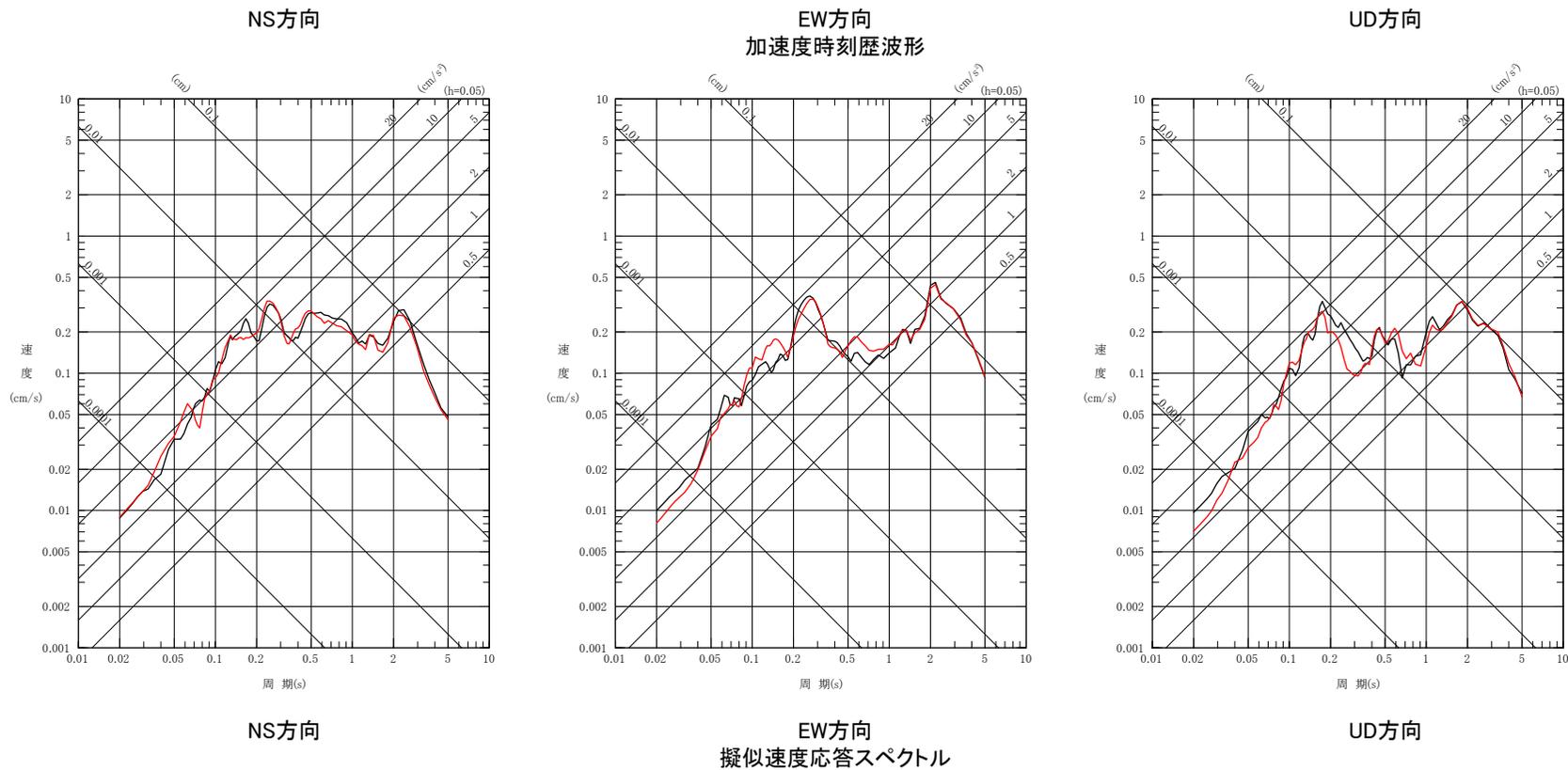
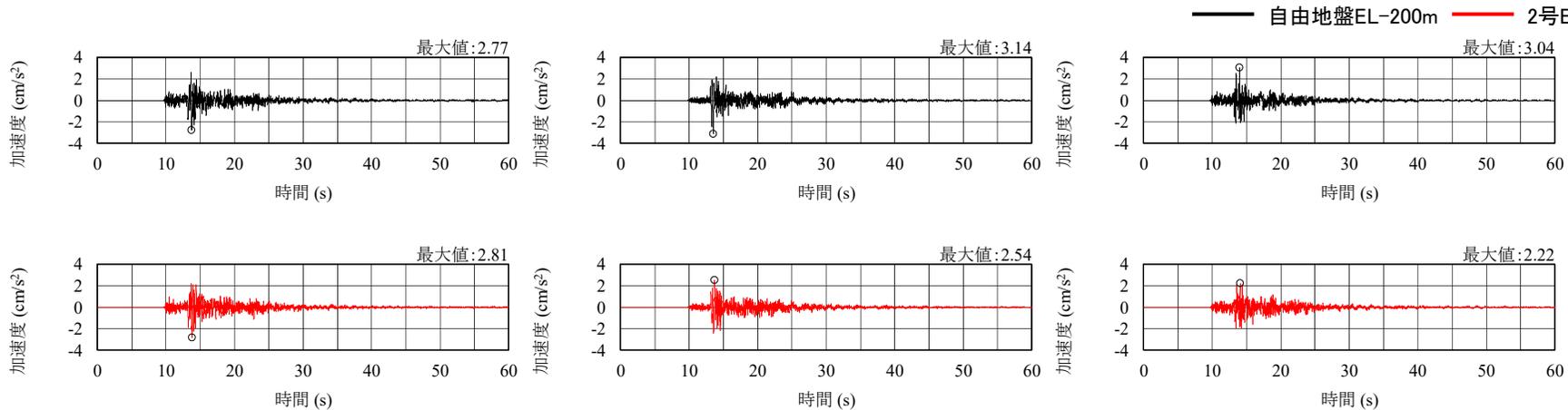
NS方向

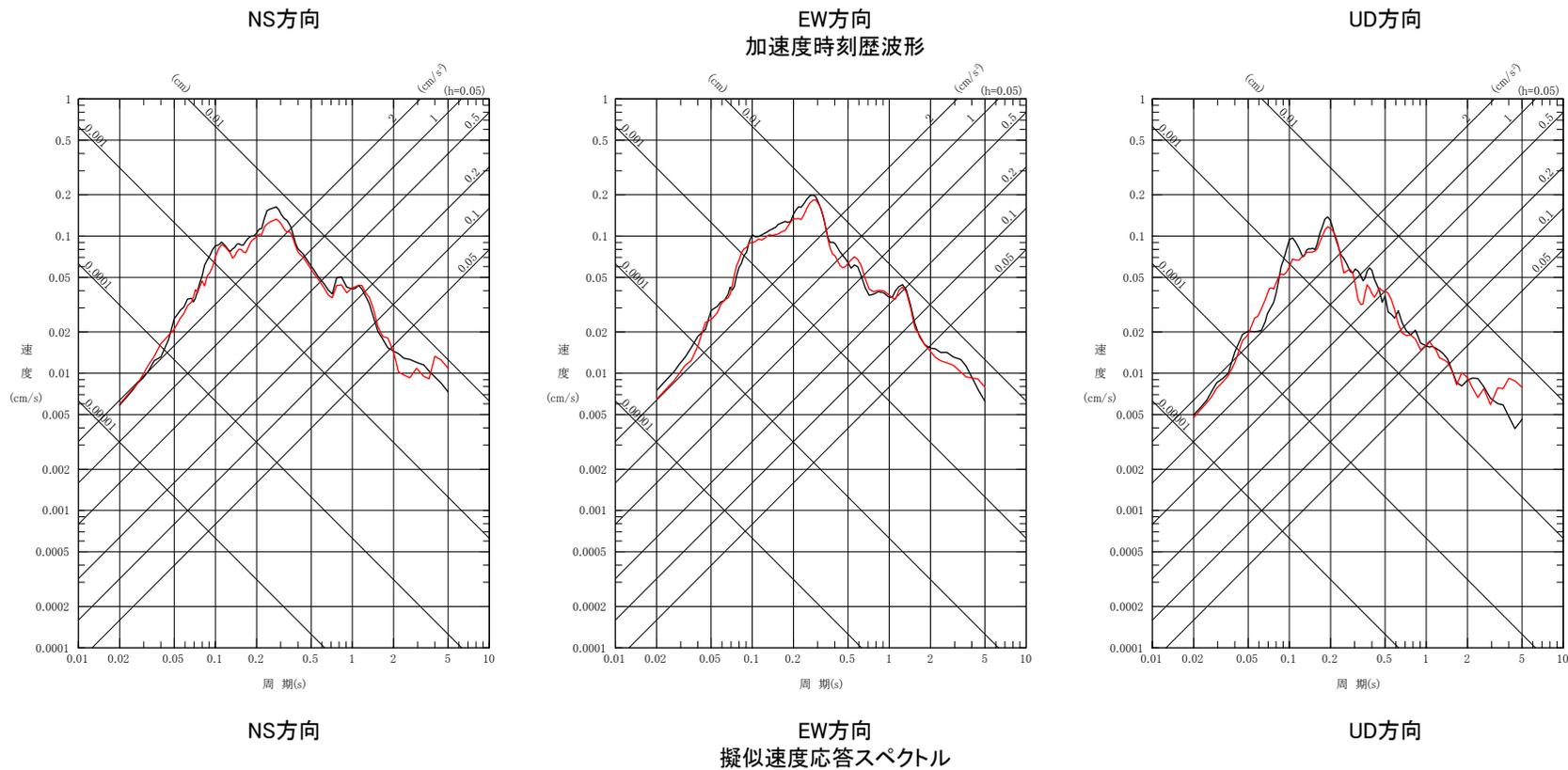
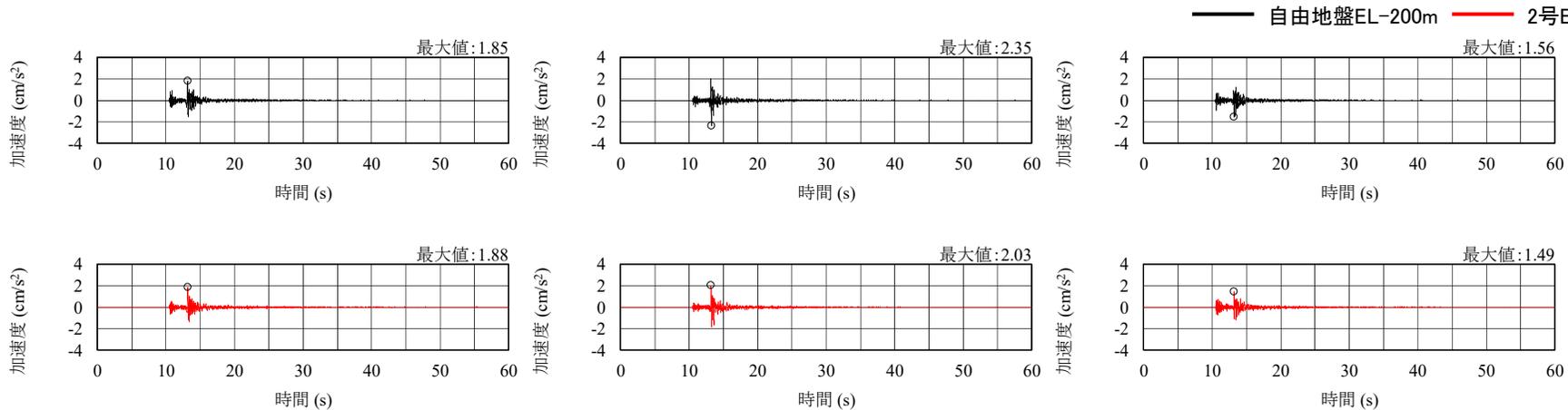


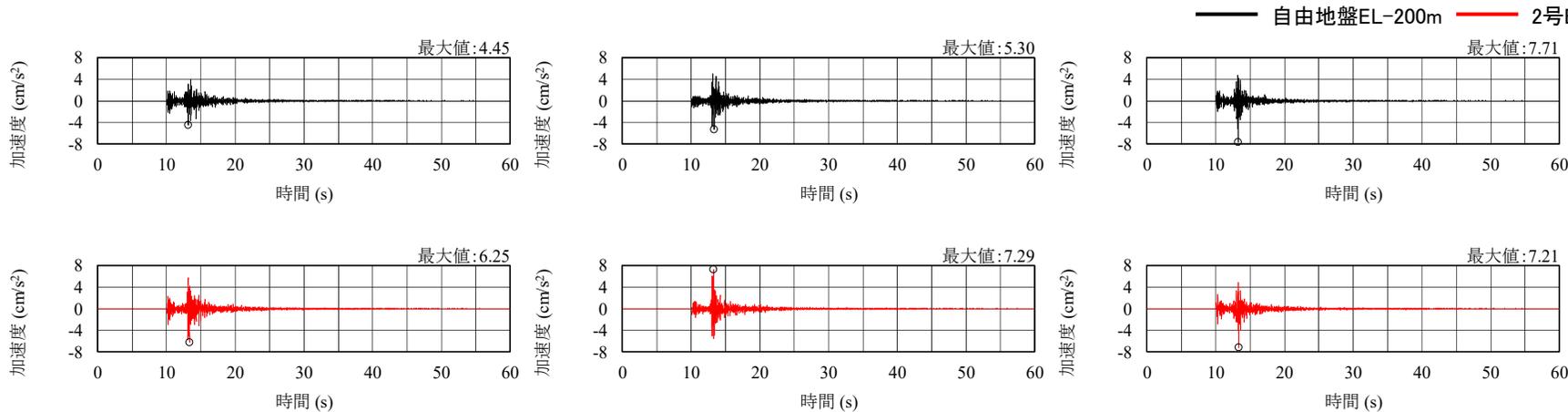
EW方向  
擬似速度応答スペクトル



UD方向



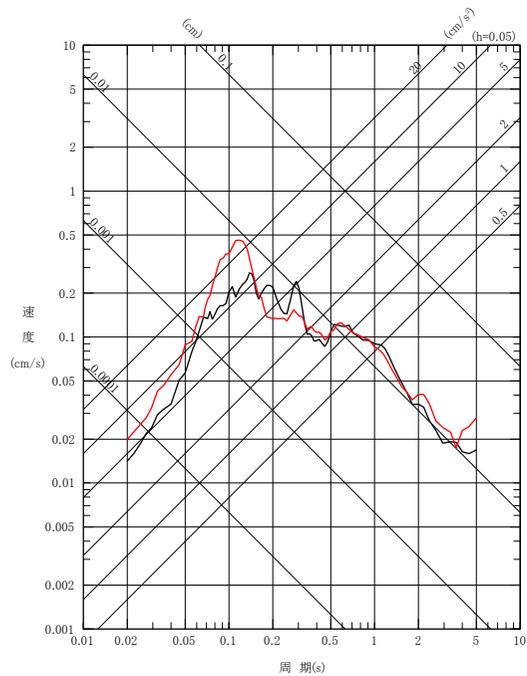




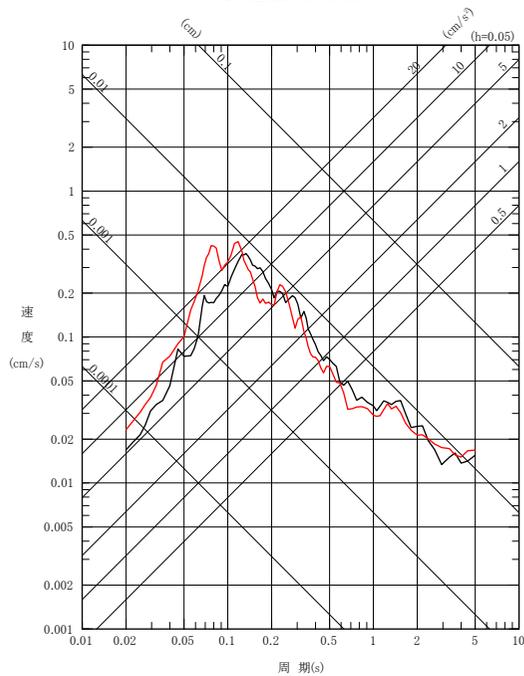
NS方向

EW方向  
加速度時刻歴波形

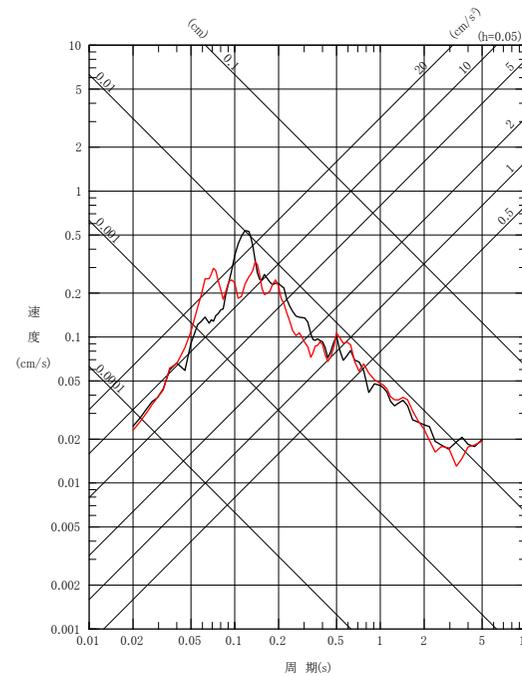
UD方向



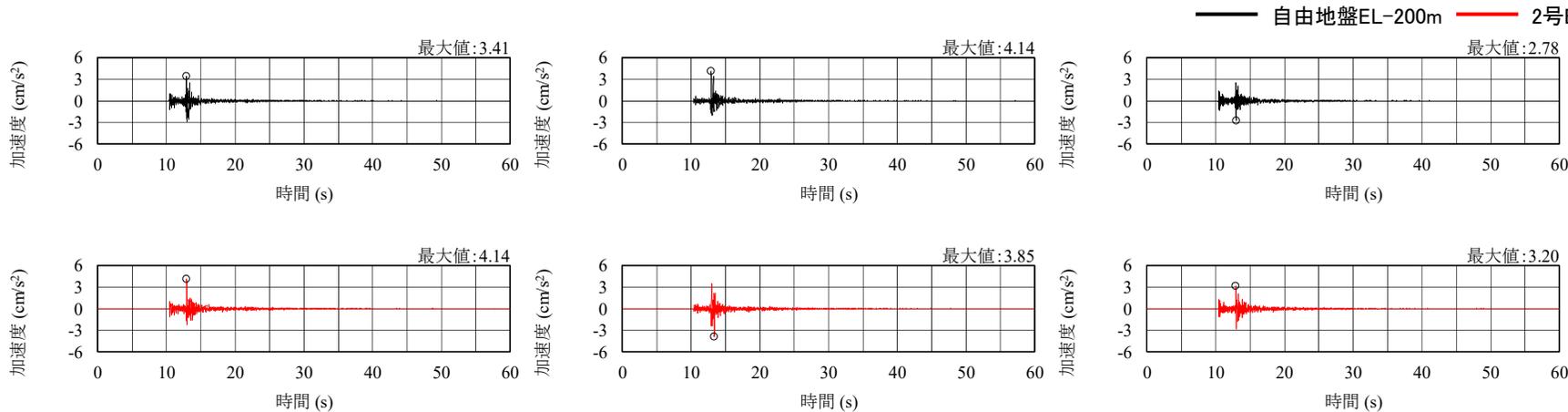
NS方向



EW方向  
擬似速度応答スペクトル



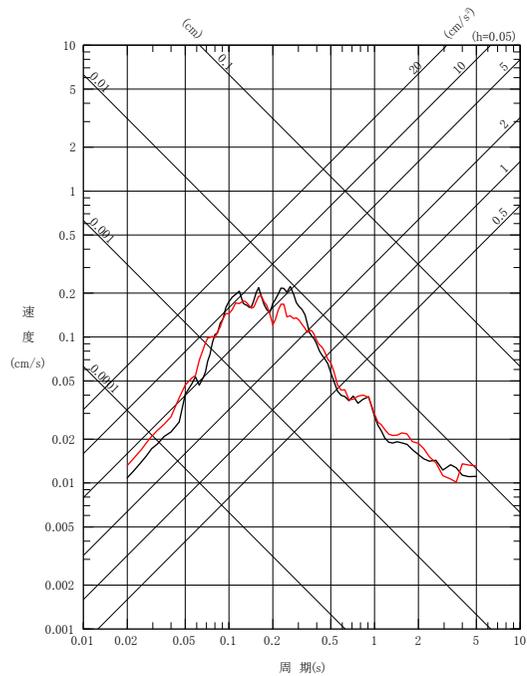
UD方向



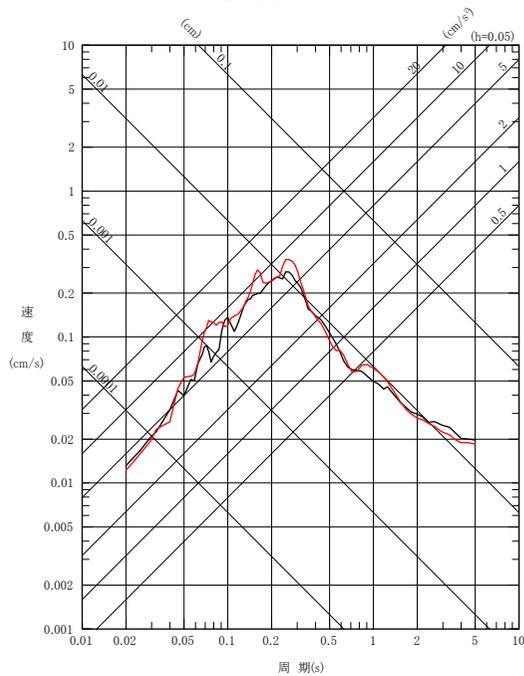
NS方向

EW方向  
加速度時刻歴波形

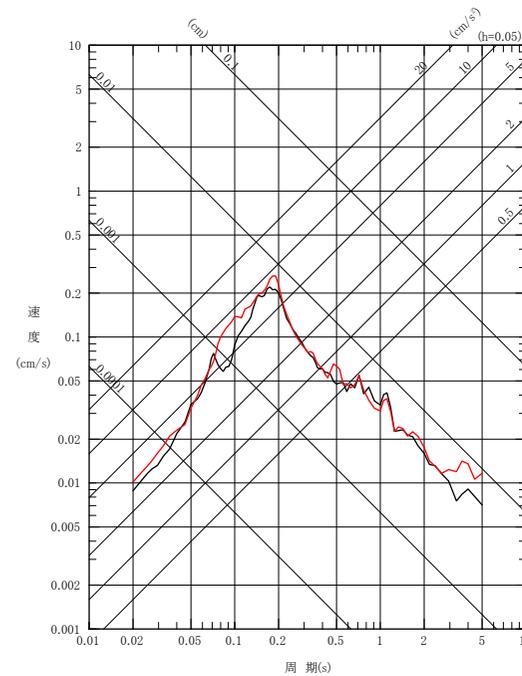
UD方向



NS方向

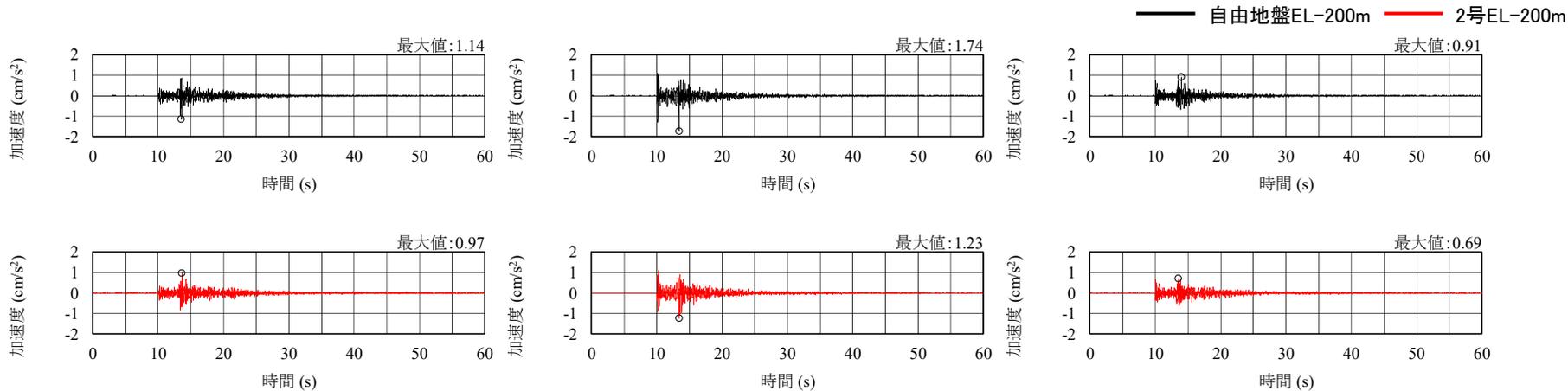


EW方向  
擬似速度応答スペクトル



UD方向

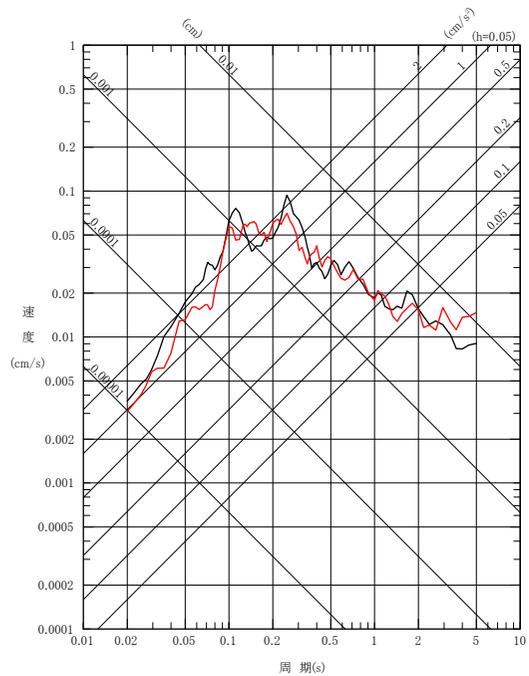
# No.45



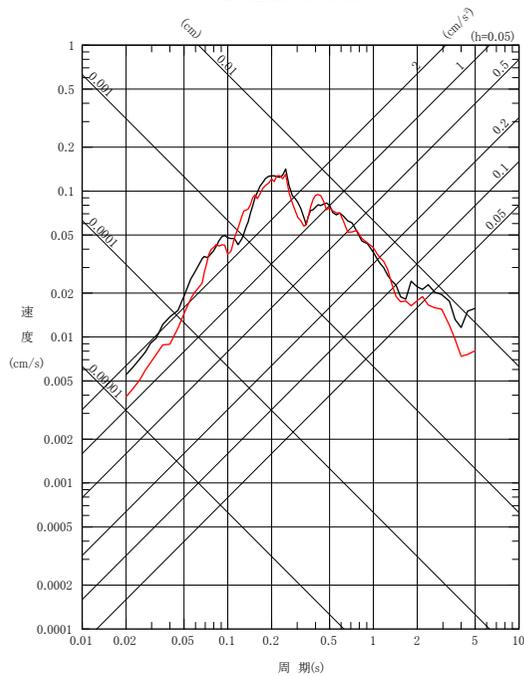
NS方向

EW方向  
加速度時刻歴波形

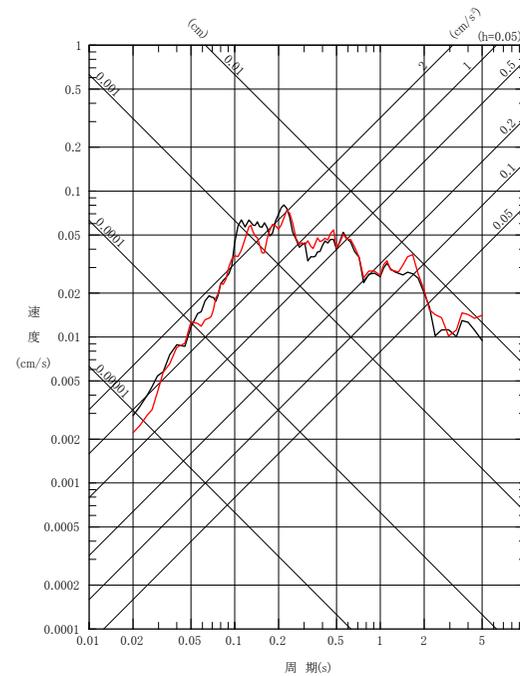
UD方向



NS方向

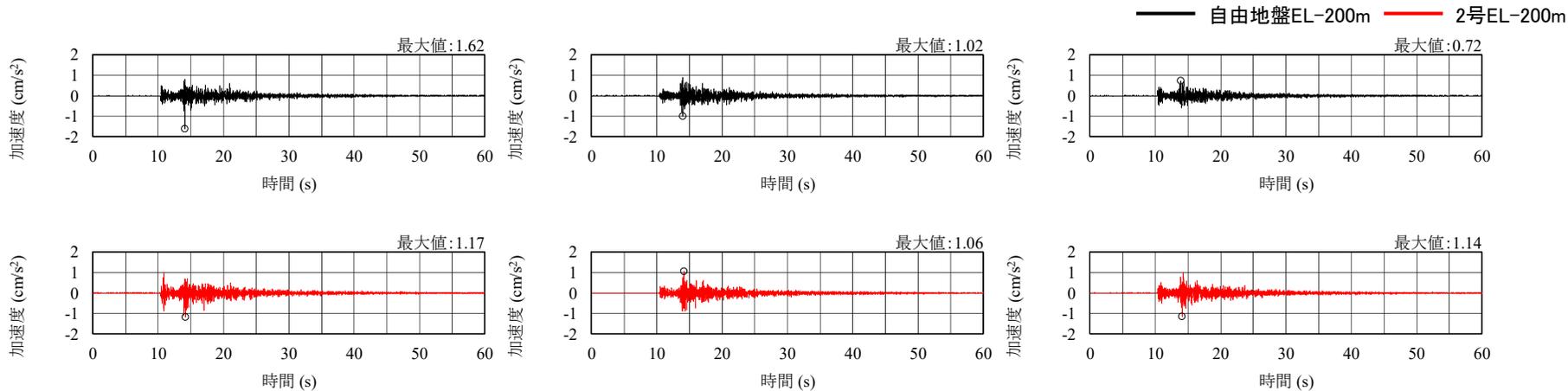


EW方向  
擬似速度応答スペクトル



UD方向

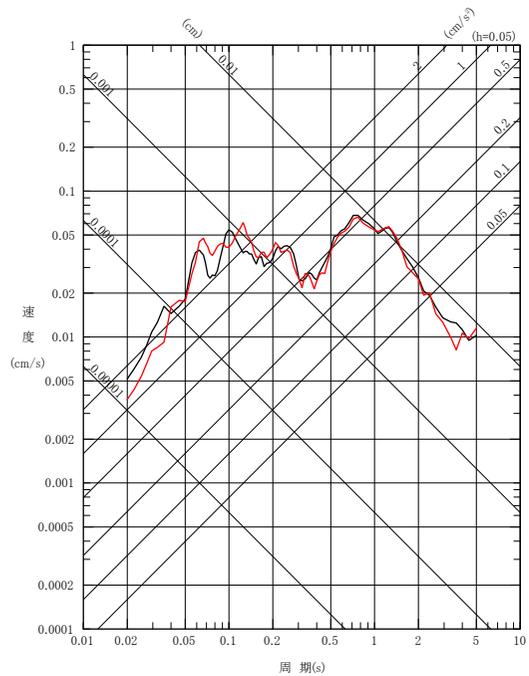
# No.46



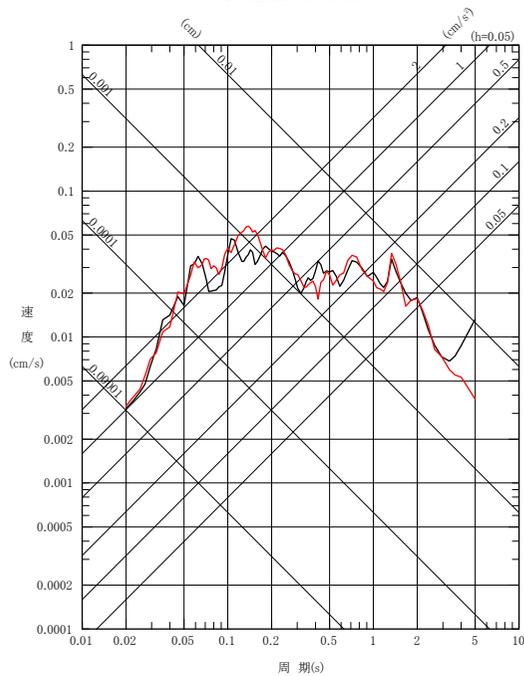
NS方向

EW方向  
加速度時刻歴波形

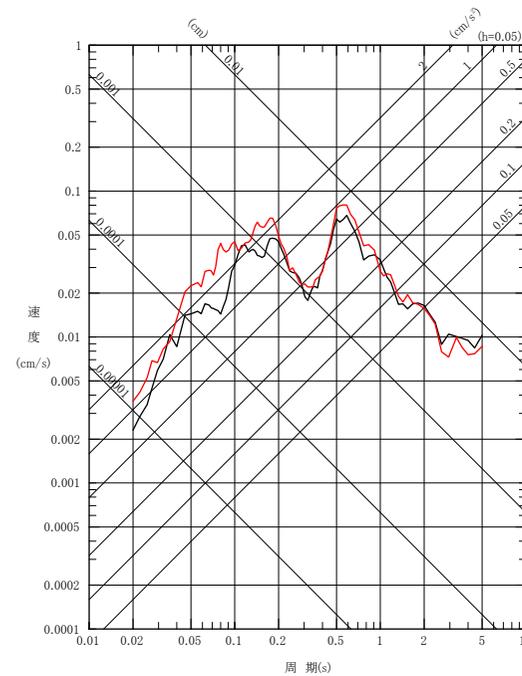
UD方向



NS方向

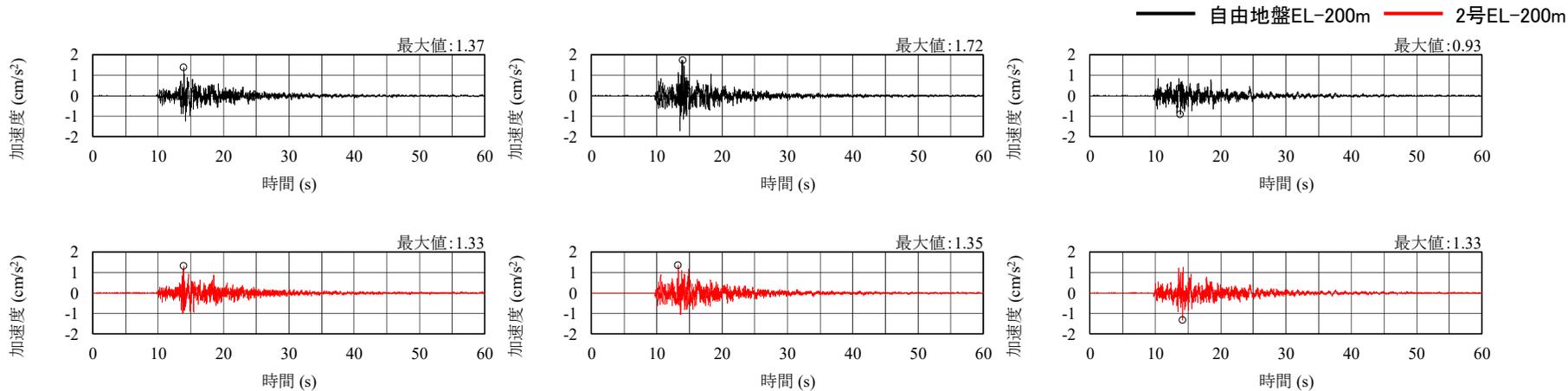


EW方向  
擬似速度応答スペクトル



UD方向

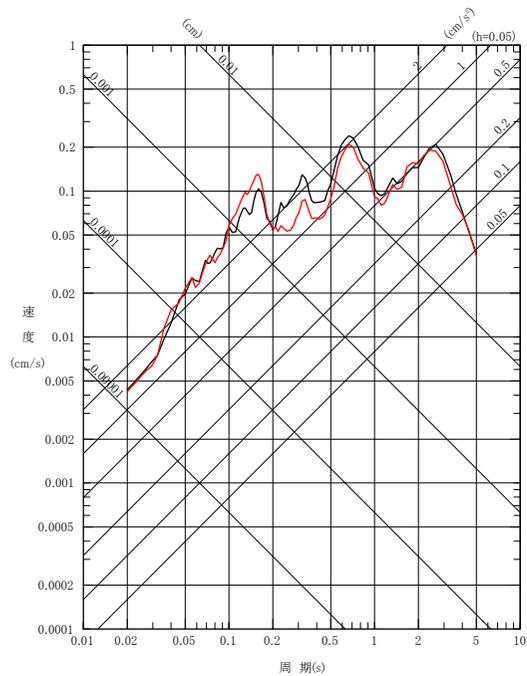
# No.47



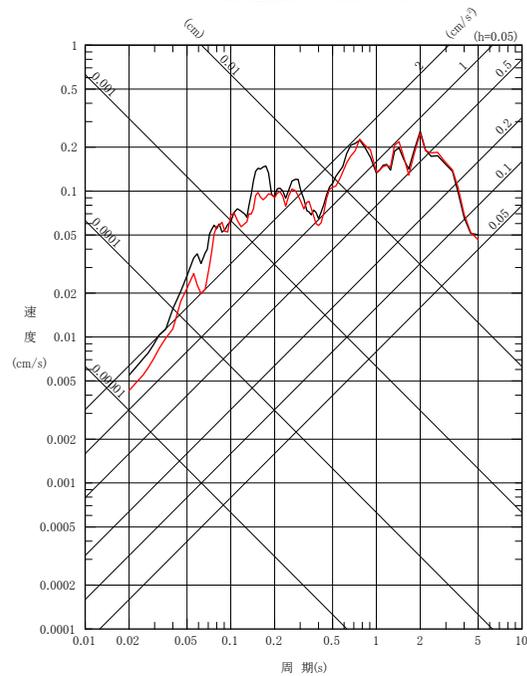
NS方向

EW方向  
加速度時刻歴波形

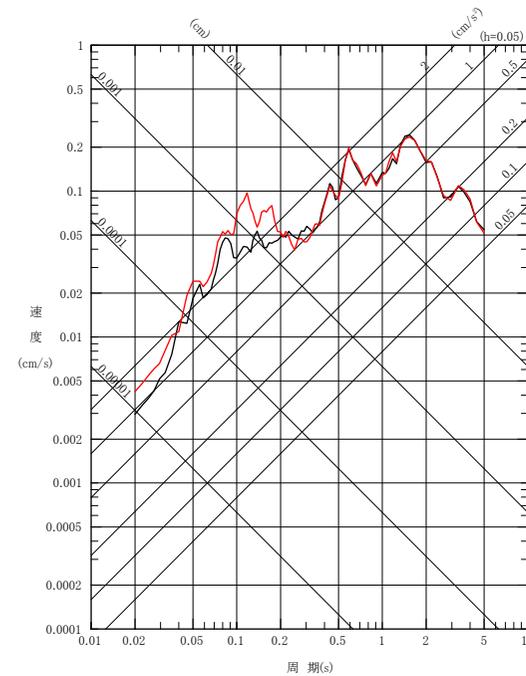
UD方向



NS方向

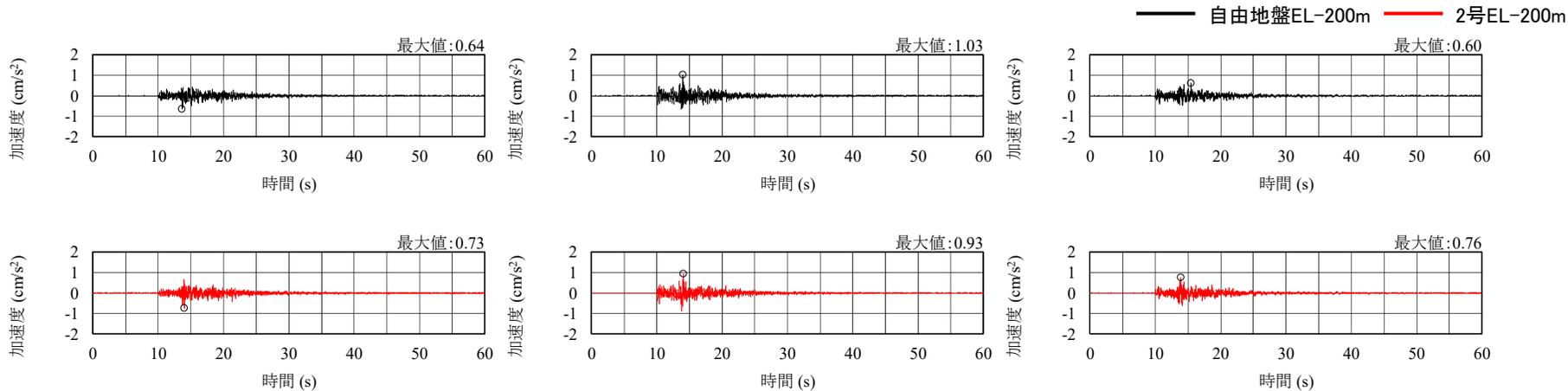


EW方向  
擬似速度応答スペクトル



UD方向

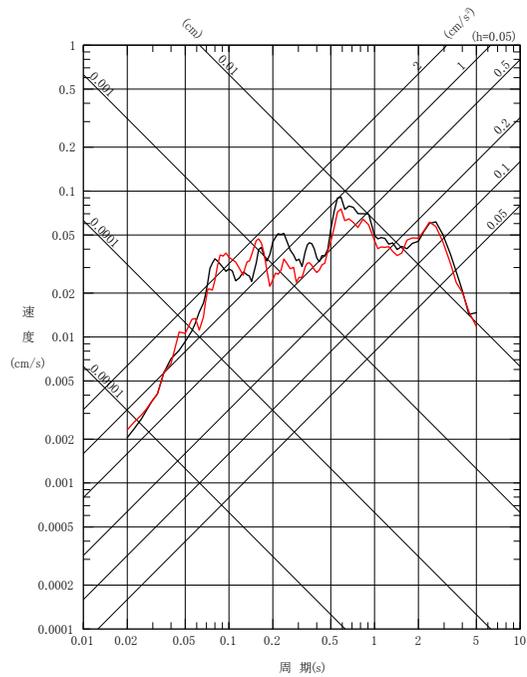
# No.48



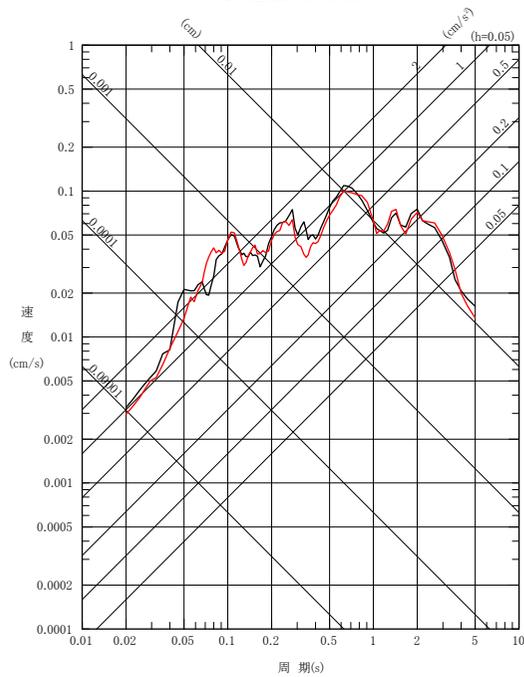
NS方向

EW方向  
加速度時刻歴波形

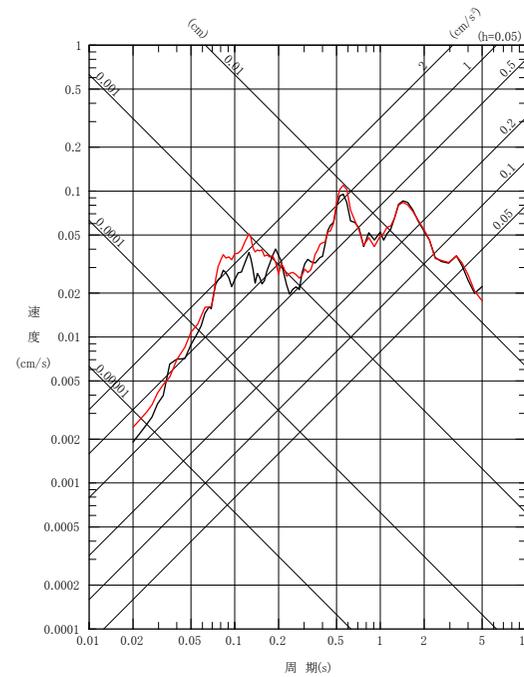
UD方向



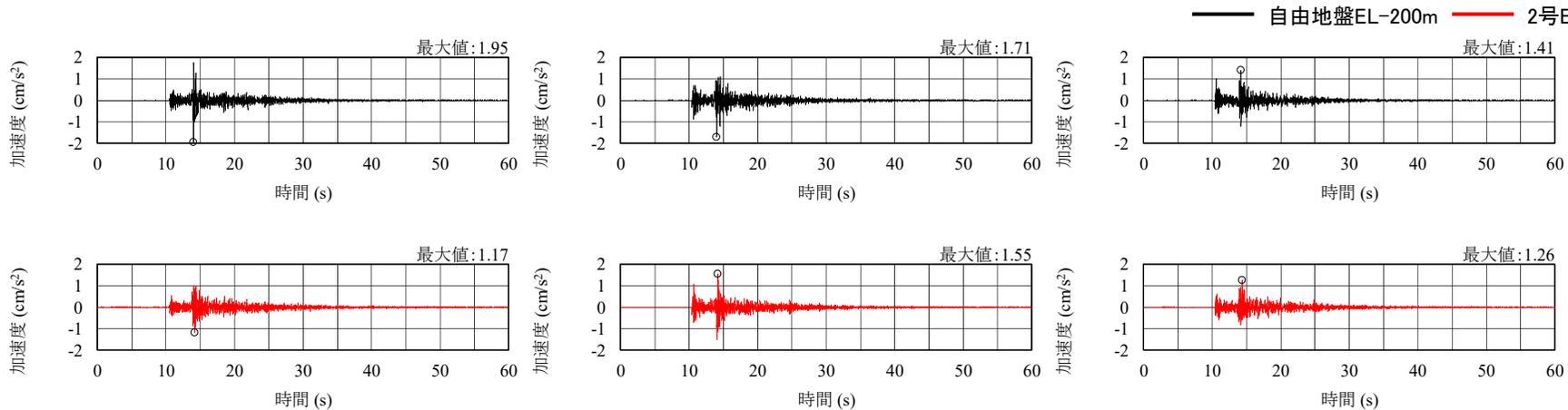
NS方向



EW方向  
擬似速度応答スペクトル



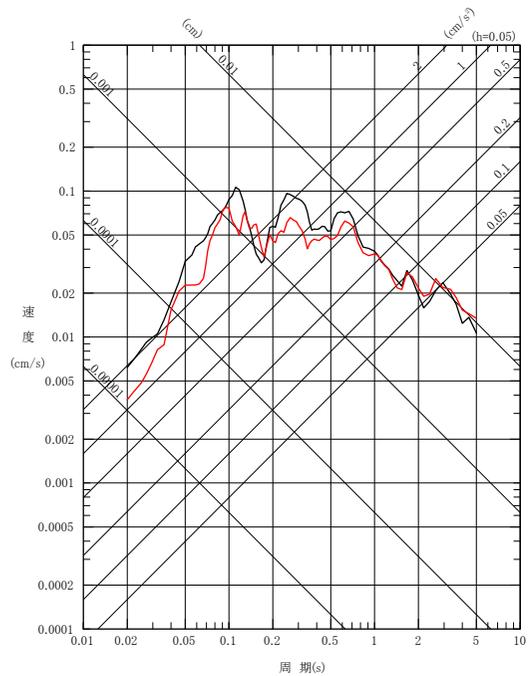
UD方向



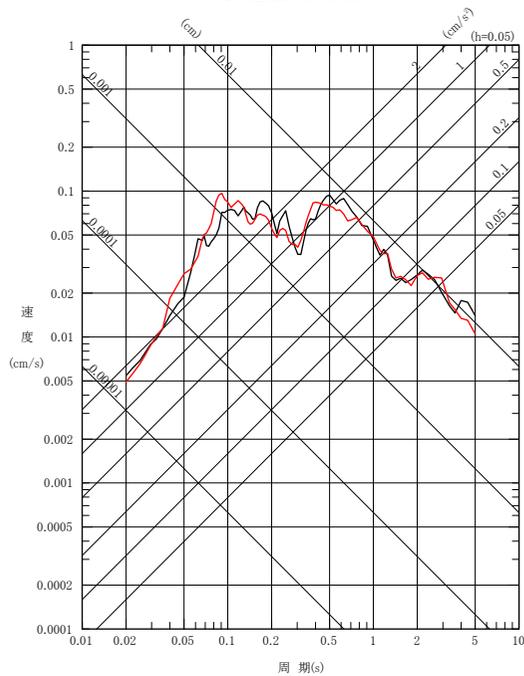
NS方向

EW方向  
加速度時刻歴波形

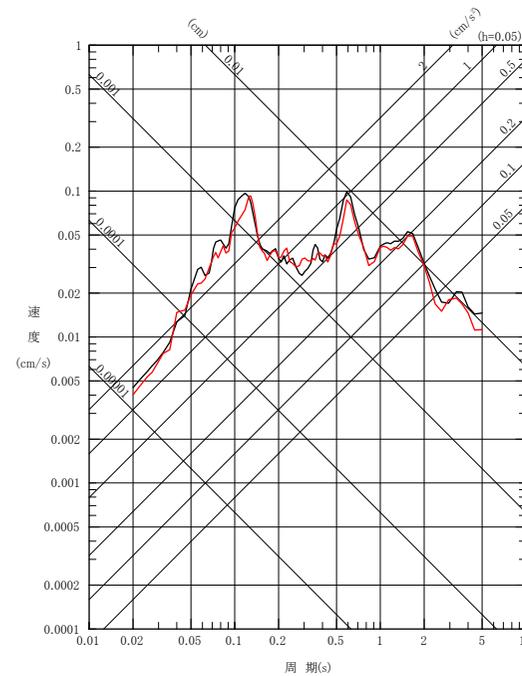
UD方向



NS方向

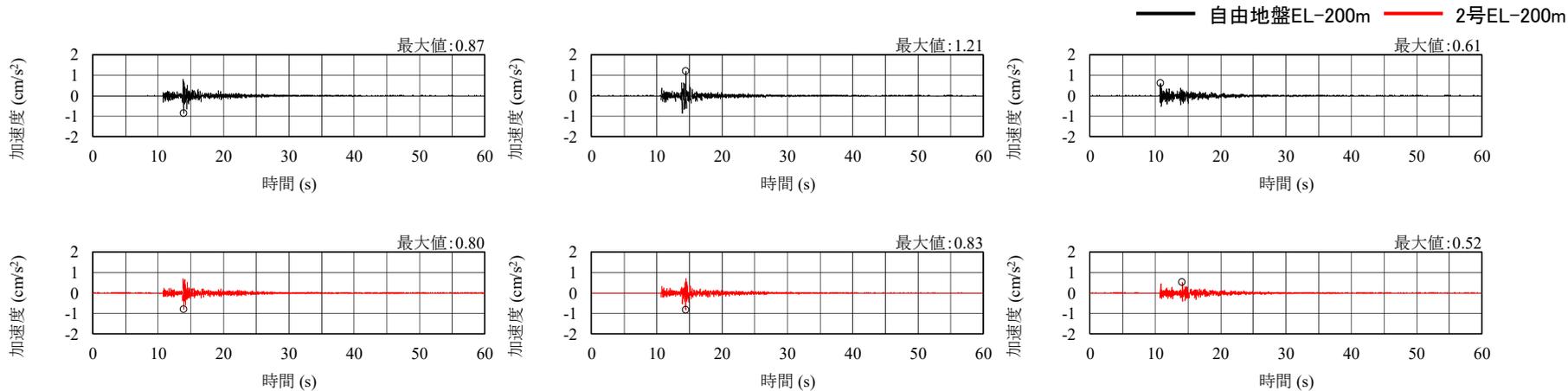


EW方向  
擬似速度応答スペクトル



UD方向

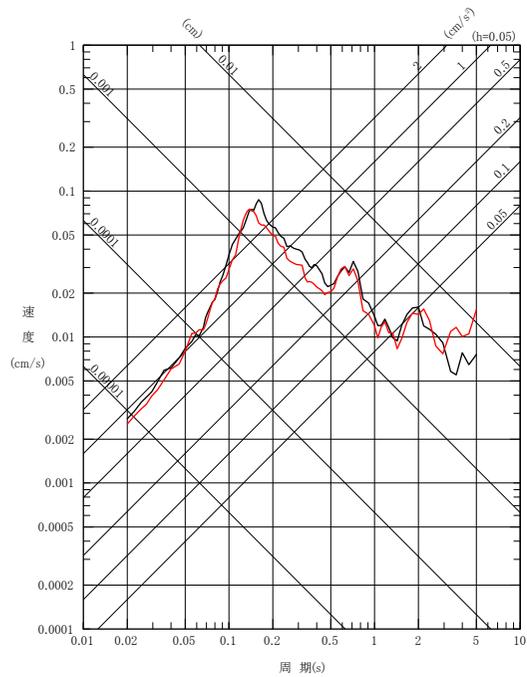
# No.50



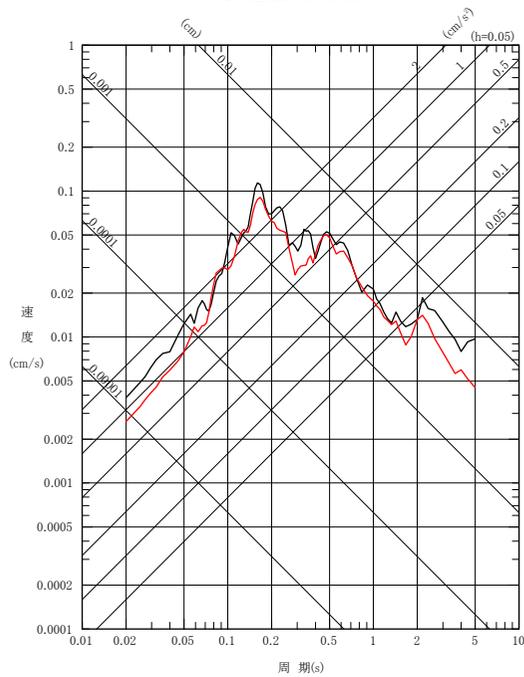
NS方向

EW方向  
加速度時刻歴波形

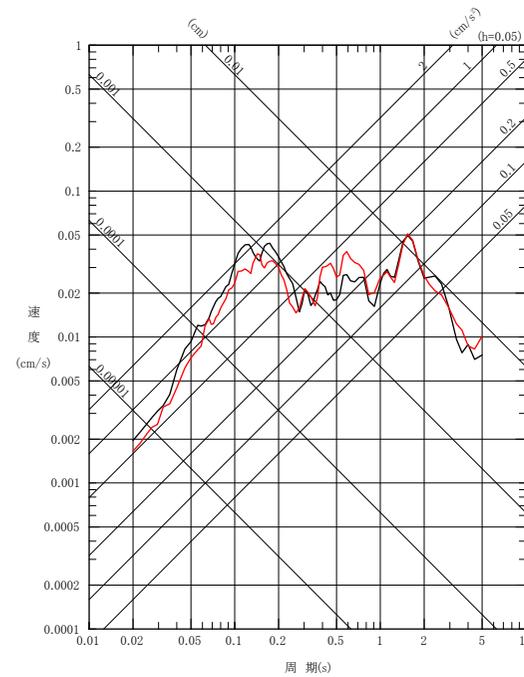
UD方向



NS方向

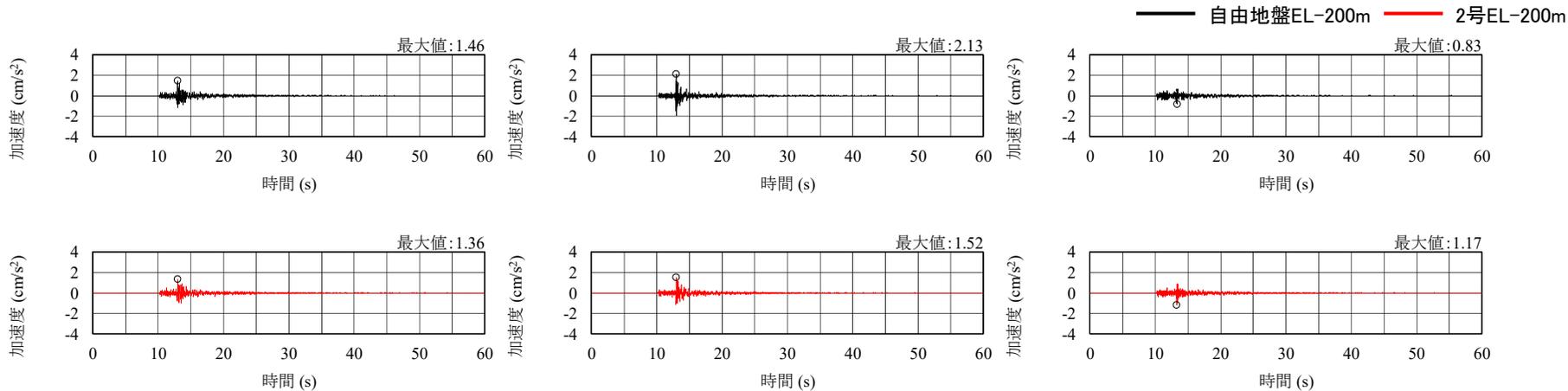


EW方向  
擬似速度応答スペクトル



UD方向

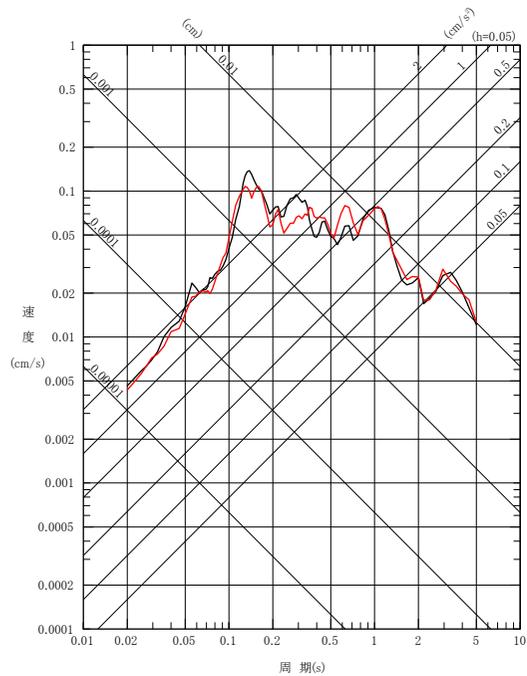
# No.51



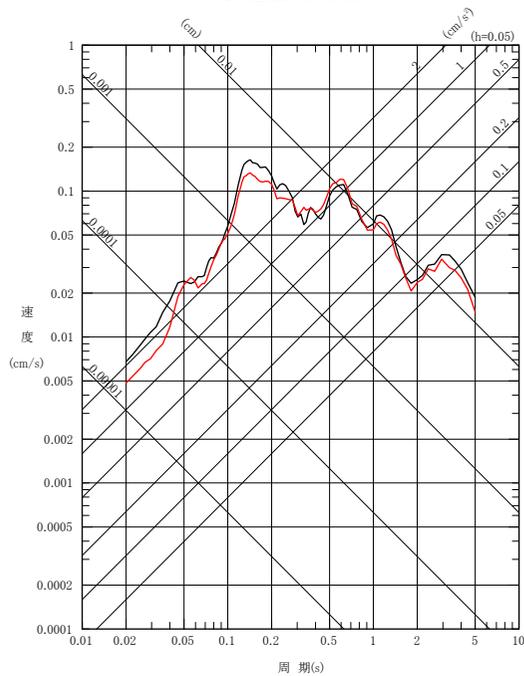
NS方向

EW方向  
加速度時刻歴波形

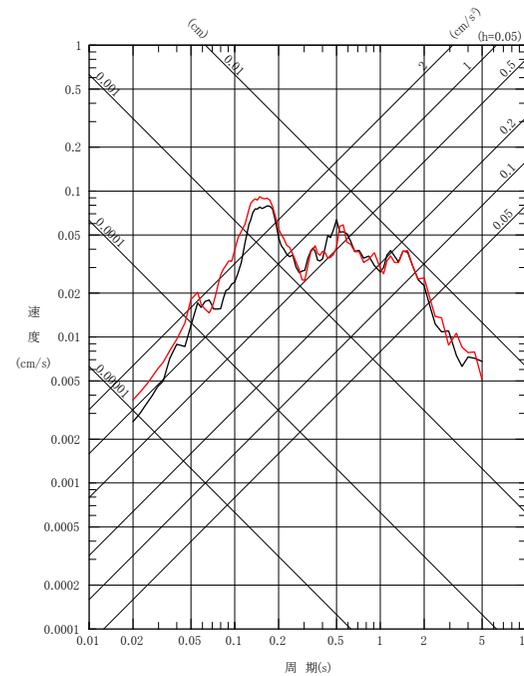
UD方向



NS方向

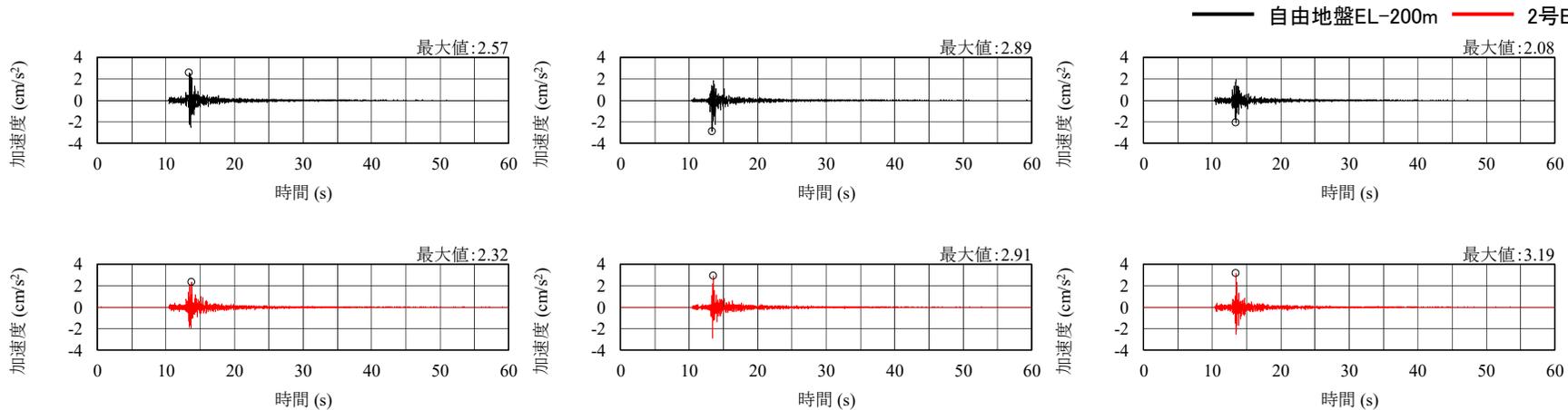


EW方向  
擬似速度応答スペクトル



UD方向

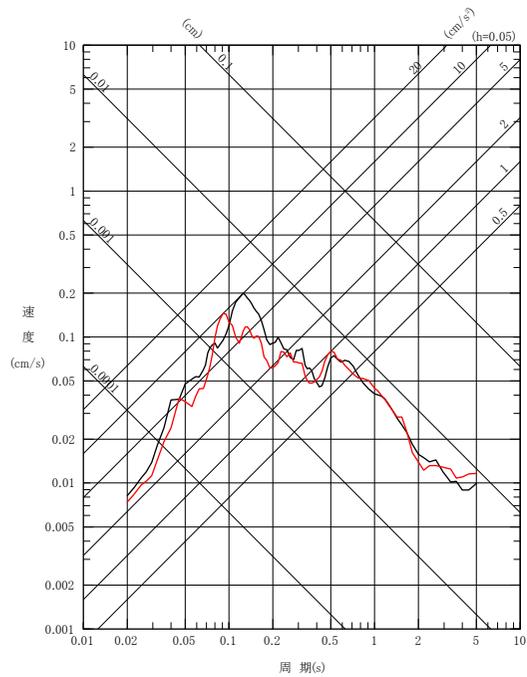
# No.52



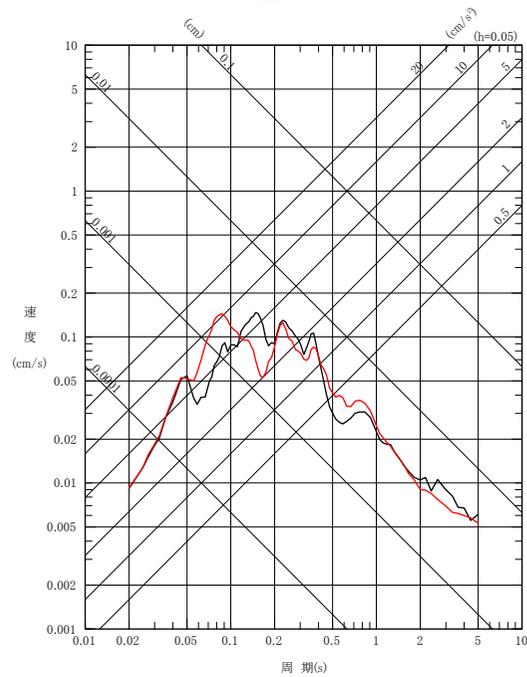
NS方向

EW方向  
加速度時刻歴波形

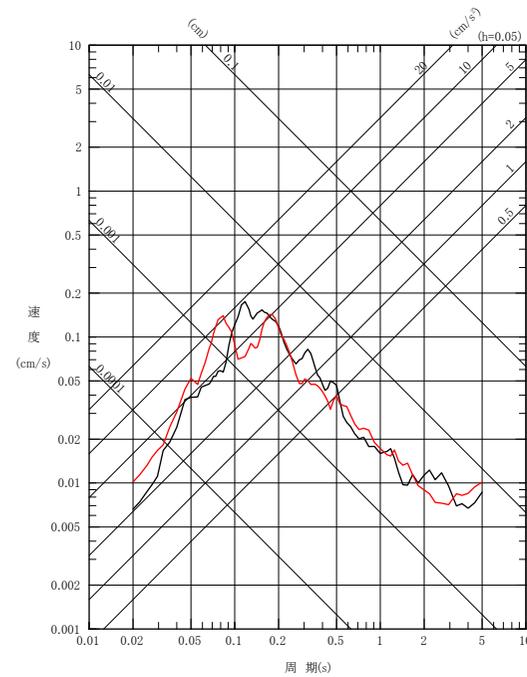
UD方向



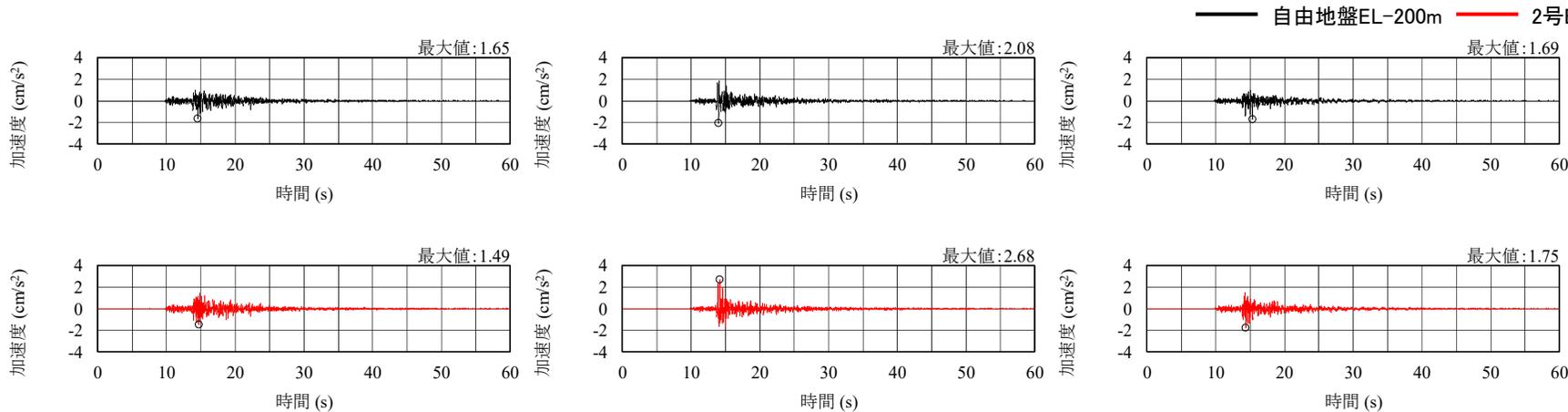
NS方向



EW方向  
擬似速度応答スペクトル



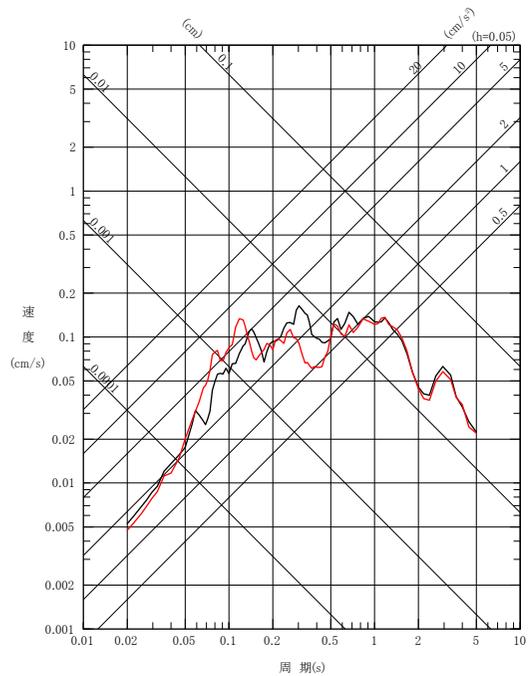
UD方向



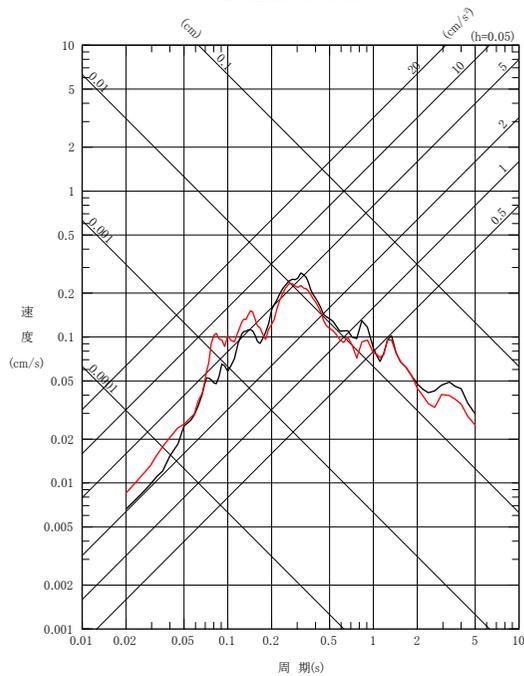
NS方向

EW方向  
加速度時刻歴波形

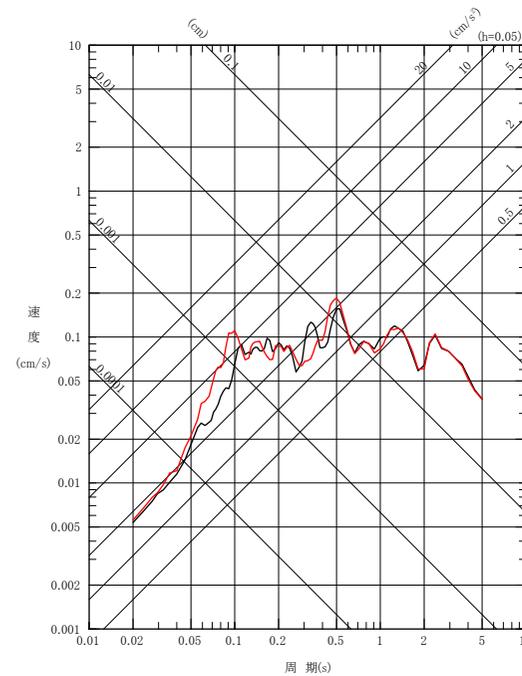
UD方向



NS方向

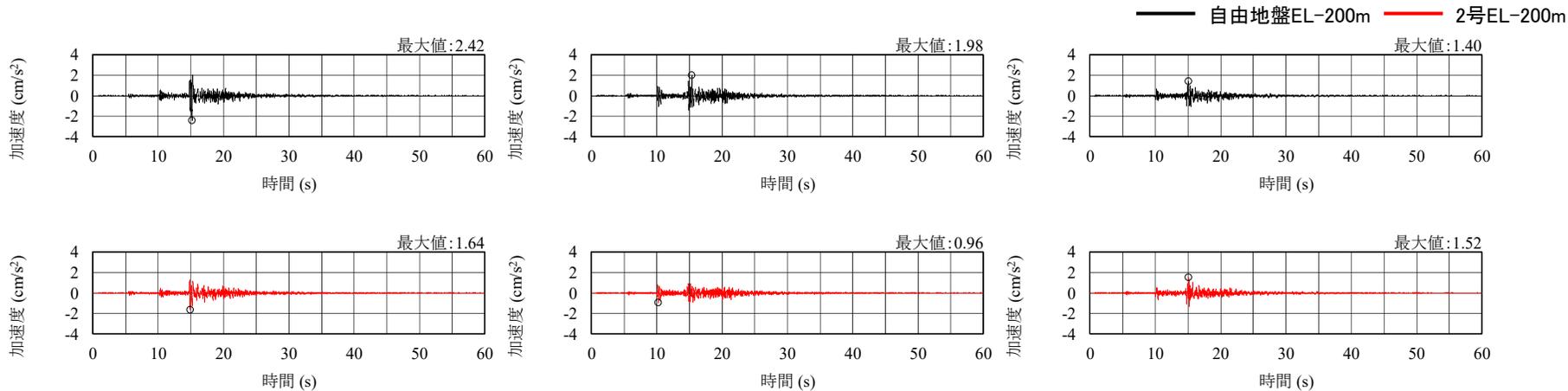


EW方向  
擬似速度応答スペクトル



UD方向

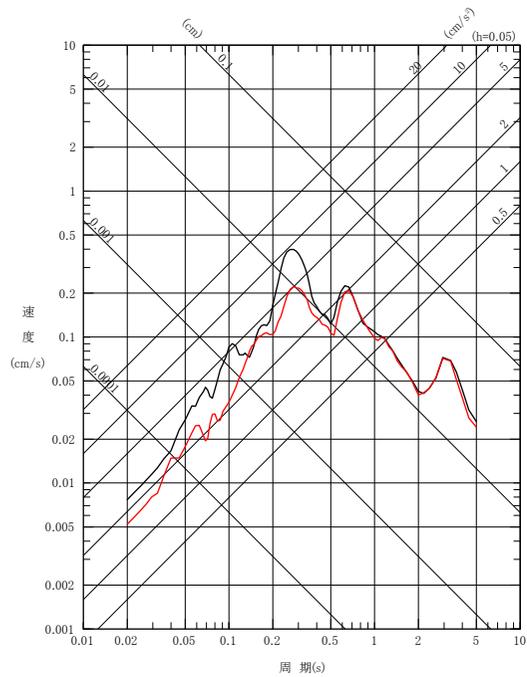
# No.54



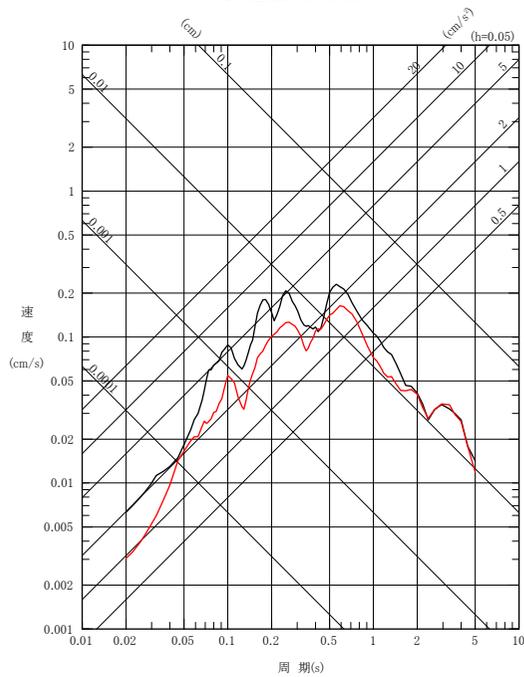
NS方向

EW方向  
加速度時刻歴波形

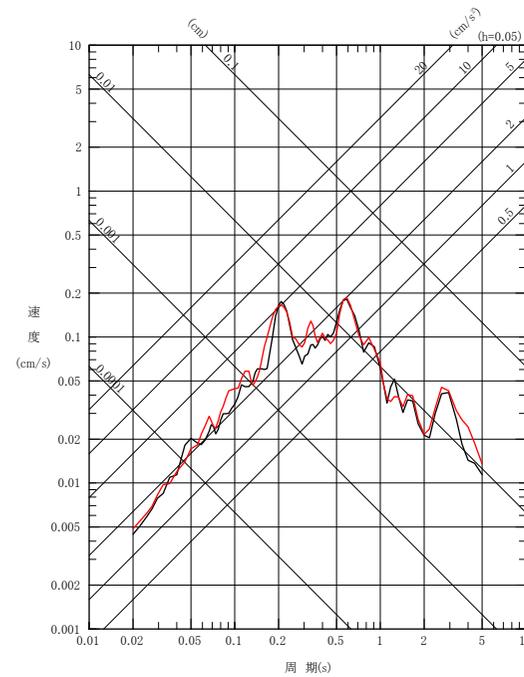
UD方向



NS方向

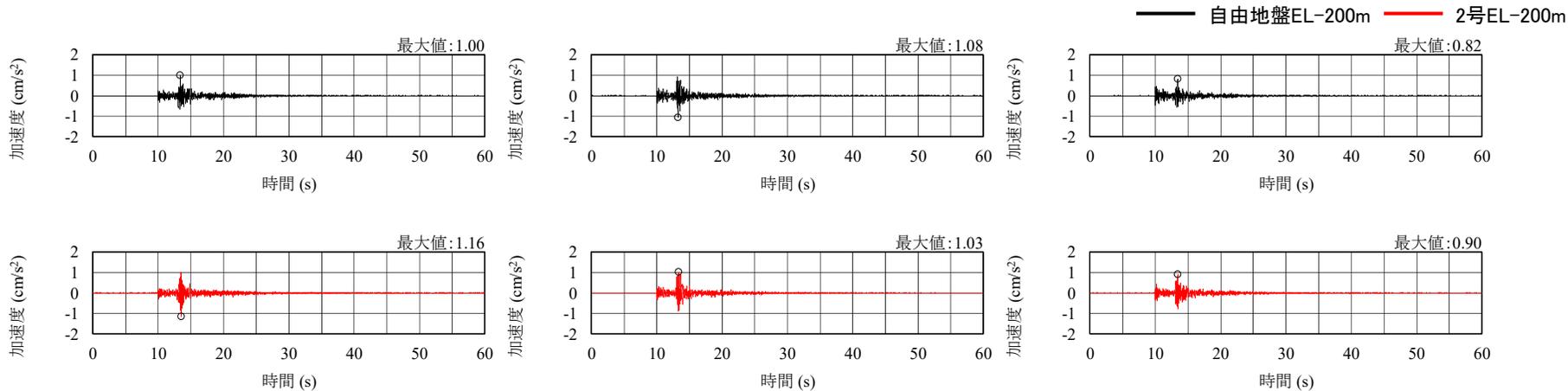


EW方向  
擬似速度応答スペクトル



UD方向

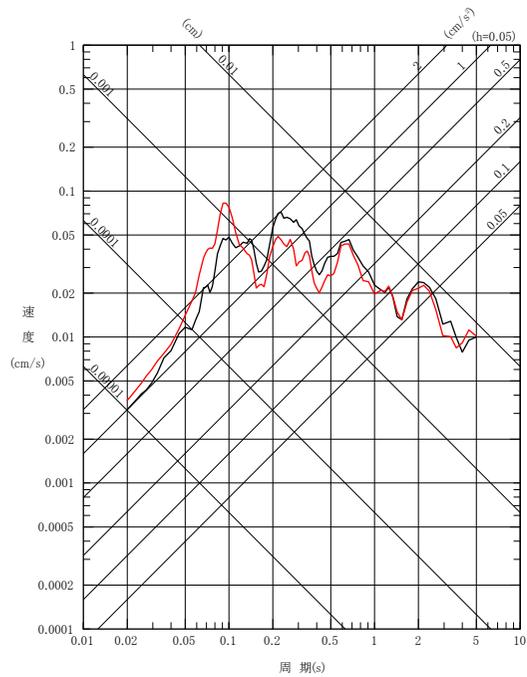
# No.55



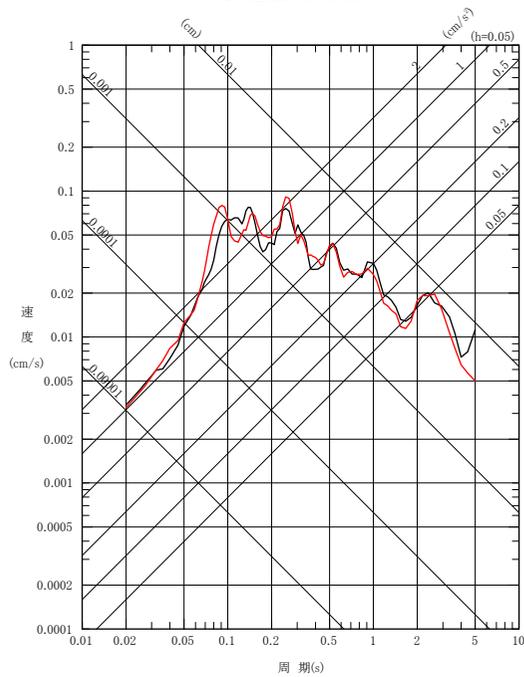
NS方向

EW方向  
加速度時刻歴波形

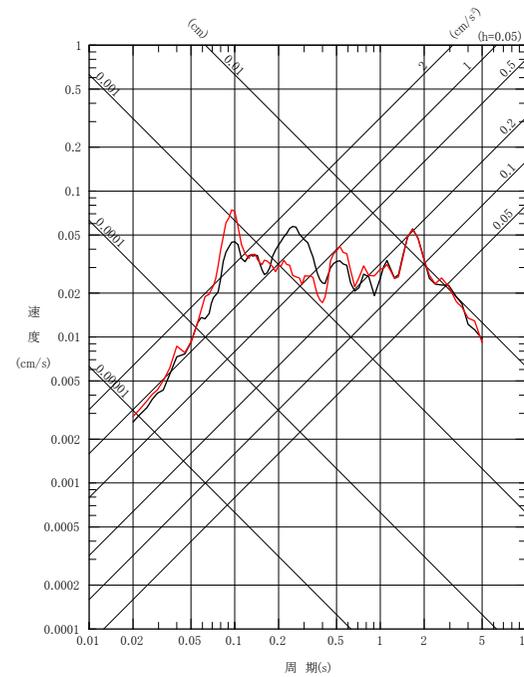
UD方向



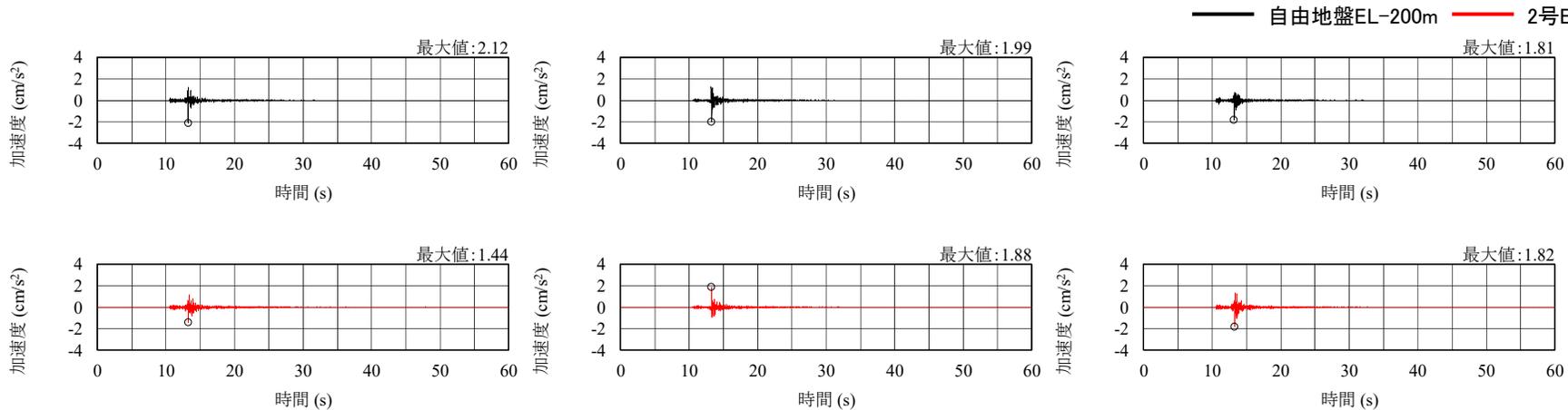
NS方向



EW方向  
擬似速度応答スペクトル



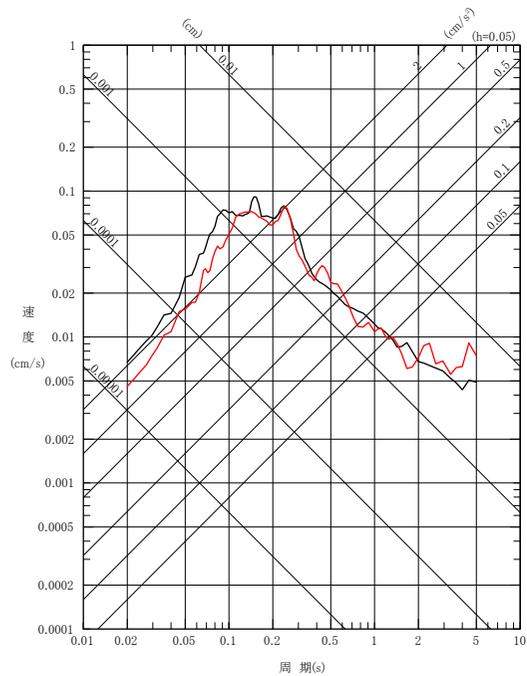
UD方向



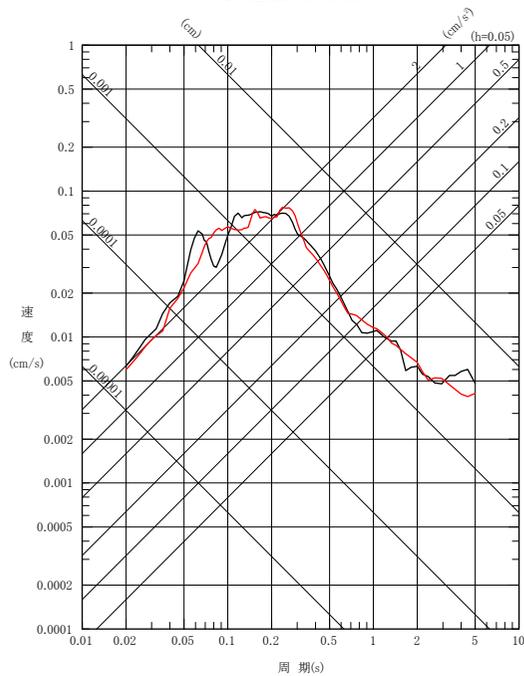
NS方向

EW方向  
加速度時刻歴波形

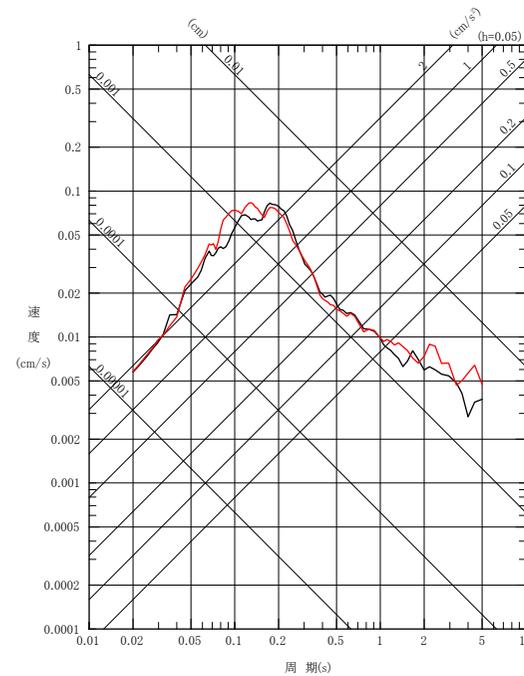
UD方向



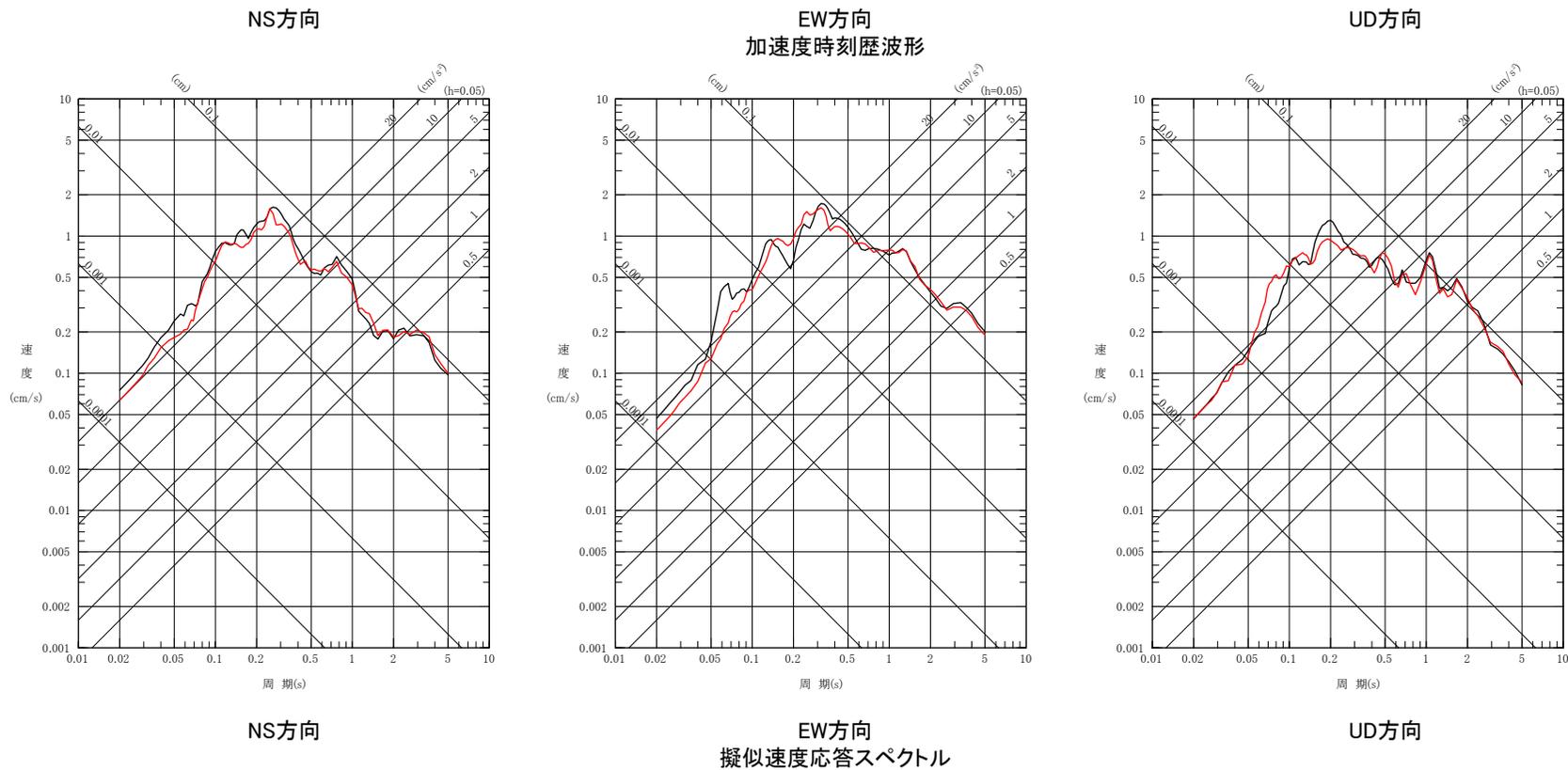
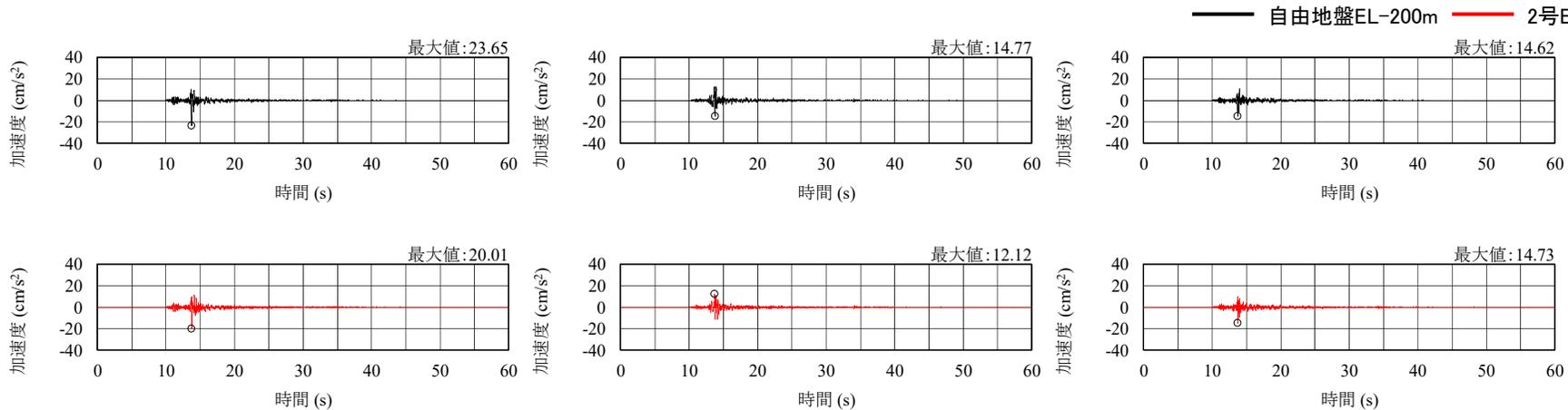
NS方向

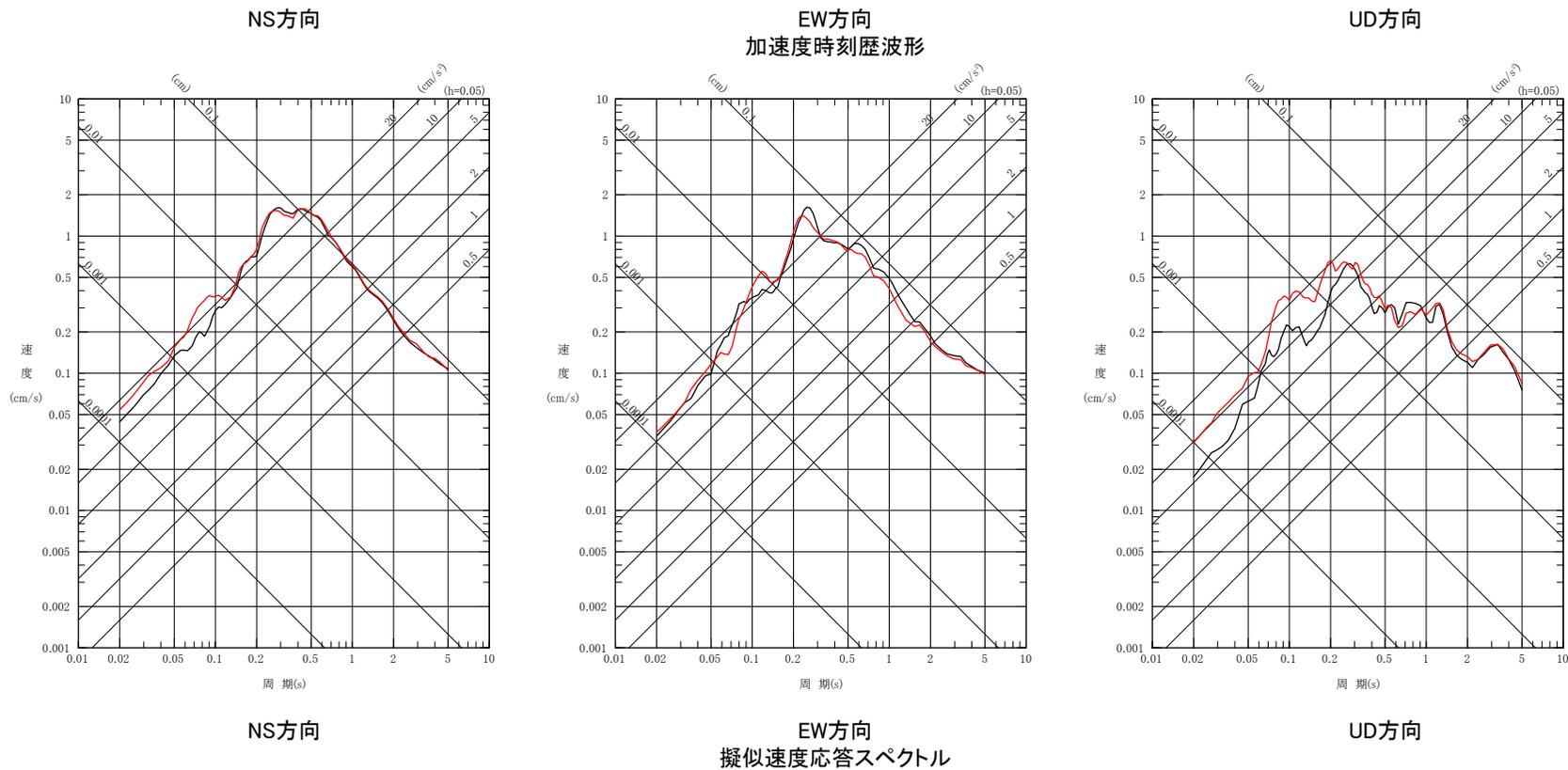
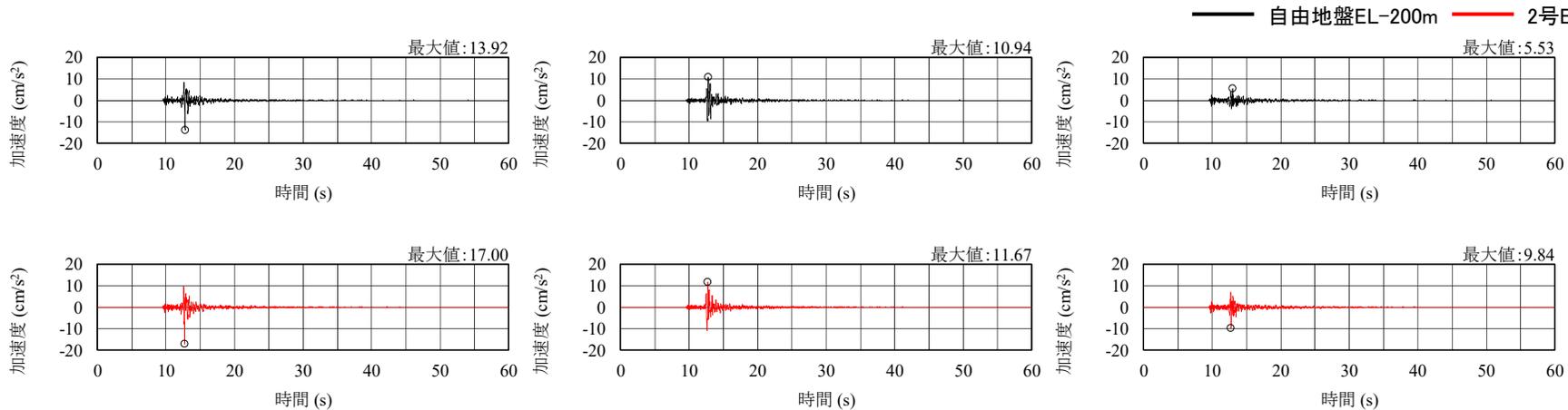


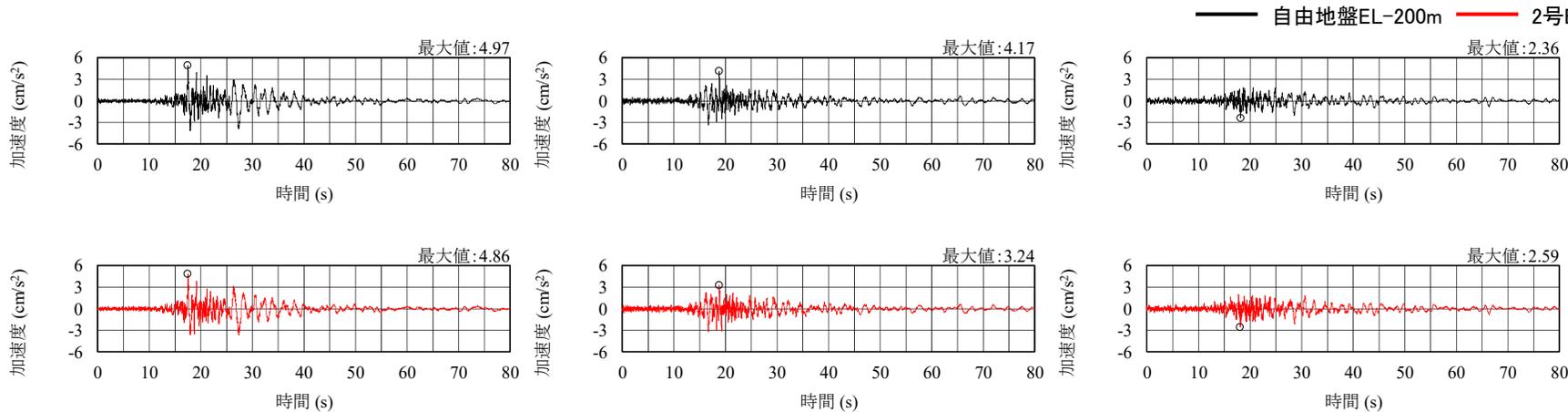
EW方向  
擬似速度応答スペクトル



UD方向



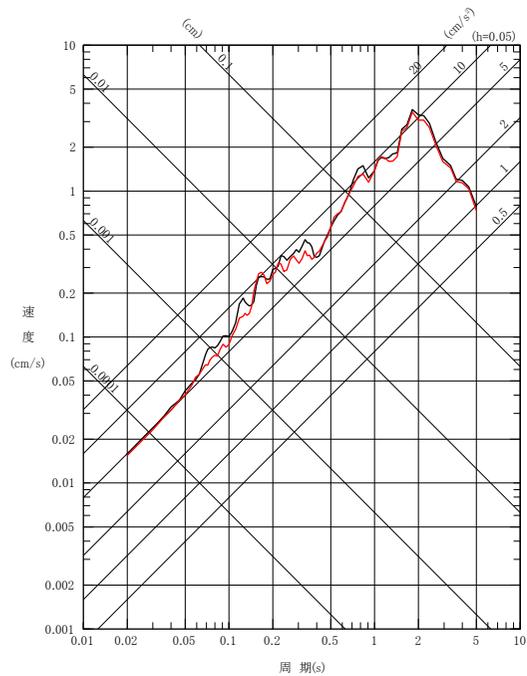




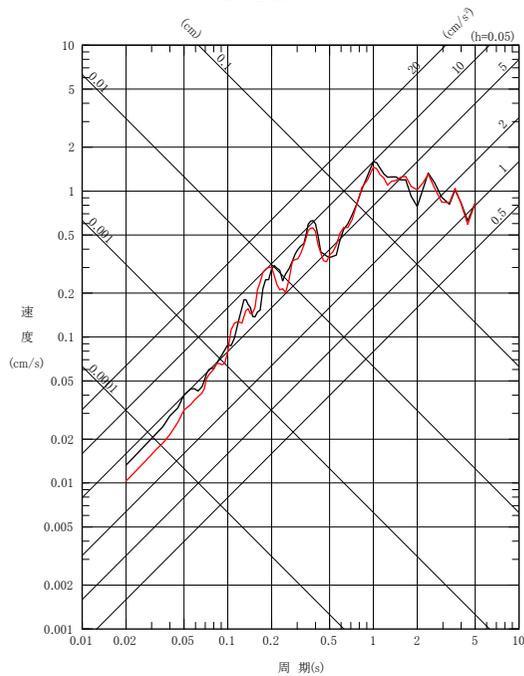
NS方向

EW方向  
加速度時刻歴波形

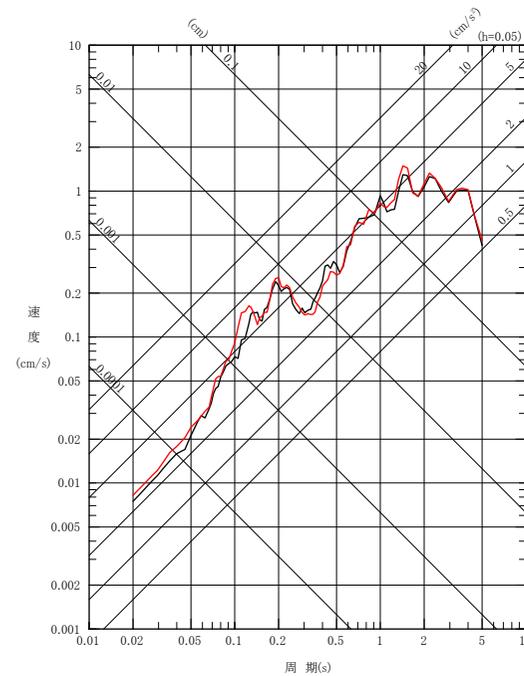
UD方向



NS方向

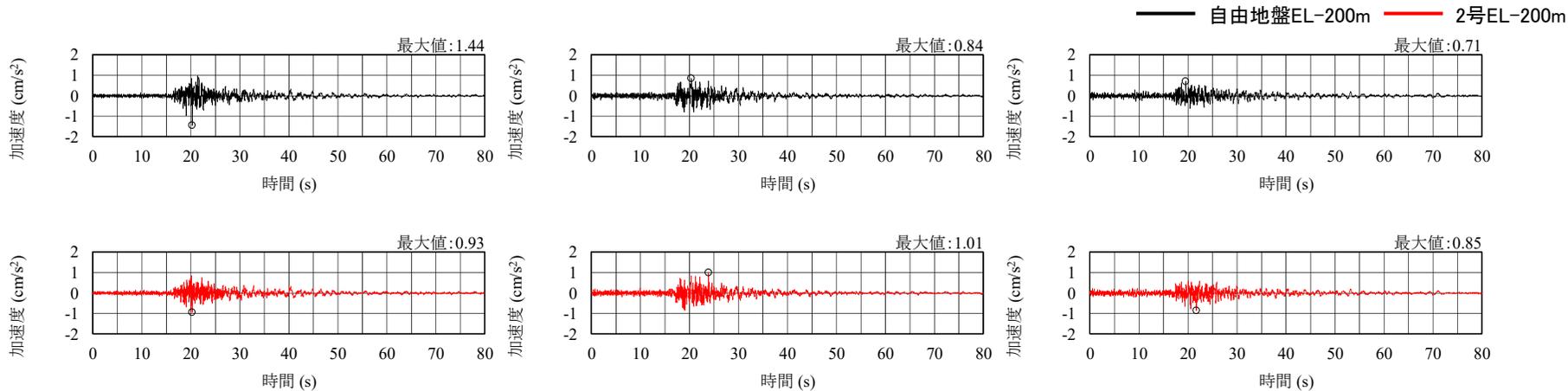


EW方向  
擬似速度応答スペクトル



UD方向

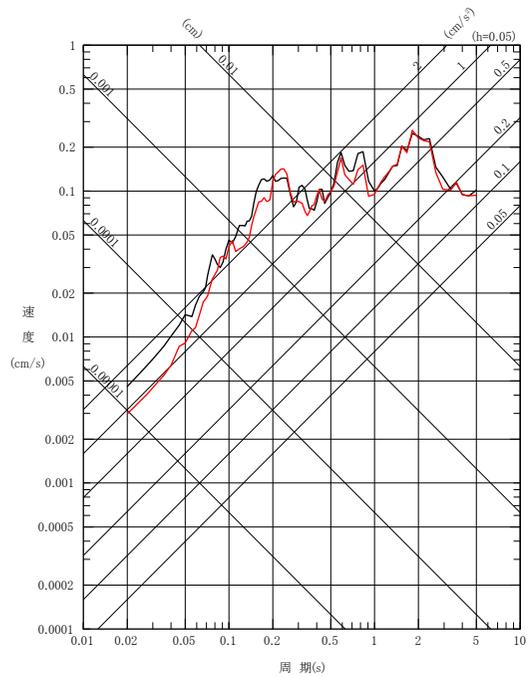
# No.60



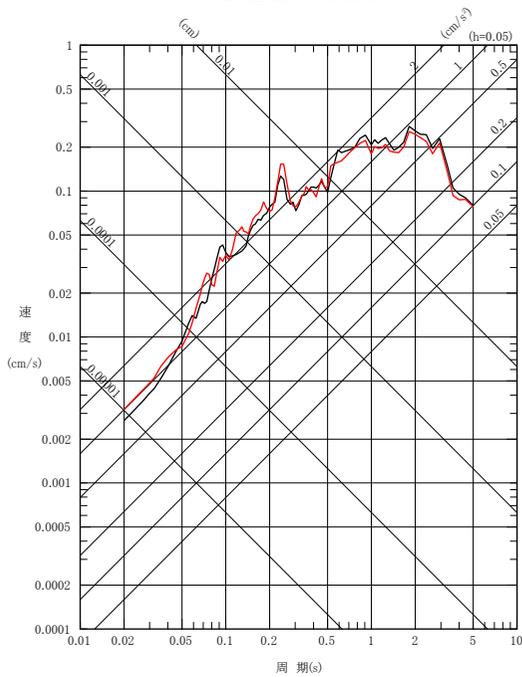
NS方向

EW方向  
加速度時刻歴波形

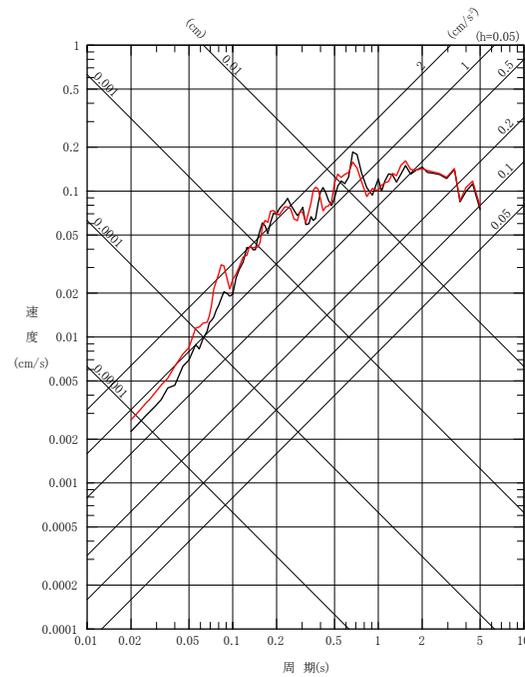
UD方向



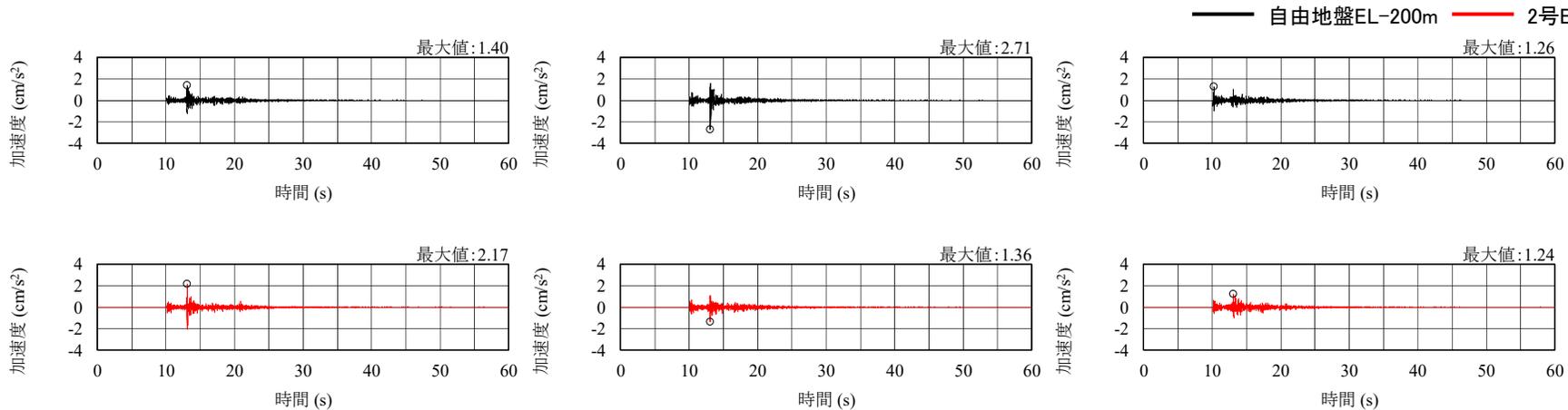
NS方向



EW方向  
擬似速度応答スペクトル



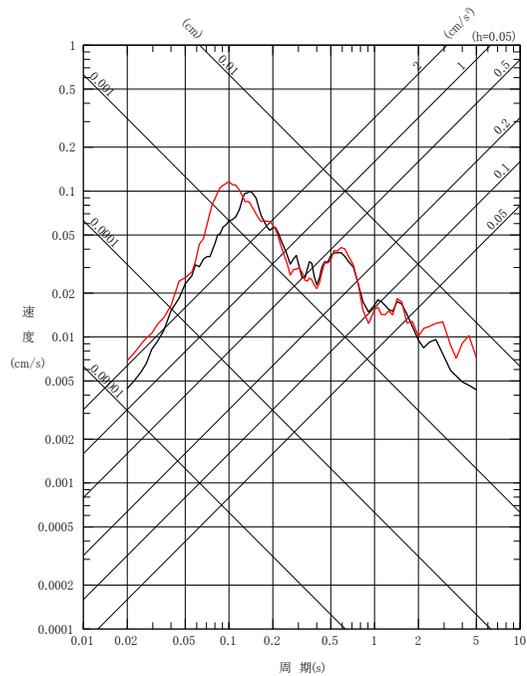
UD方向



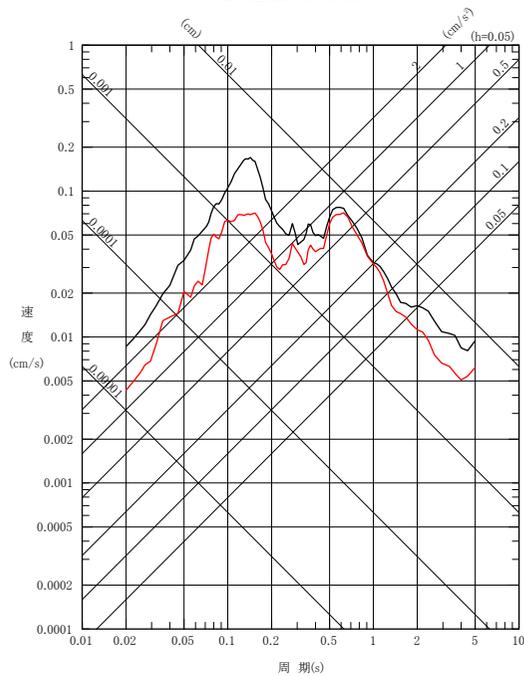
NS方向

EW方向  
加速度時刻歴波形

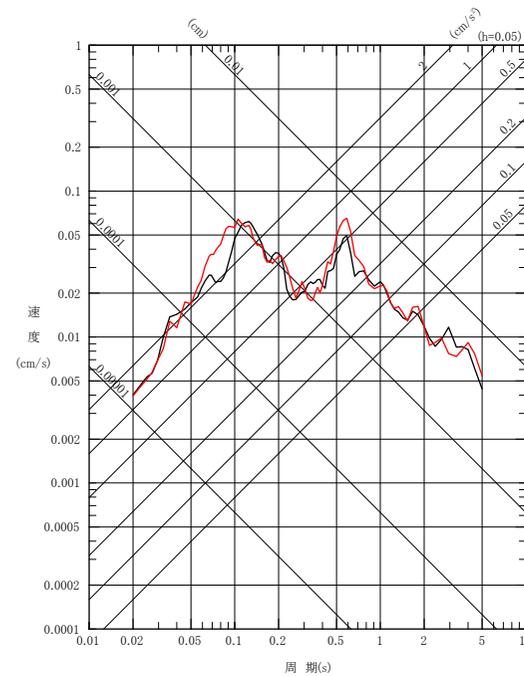
UD方向



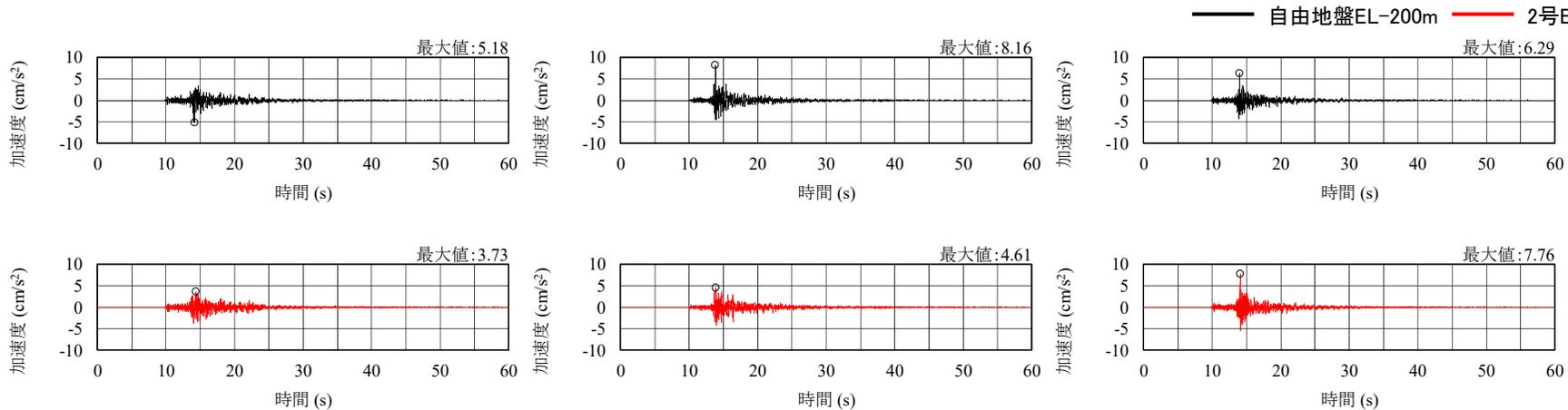
NS方向



EW方向  
擬似速度応答スペクトル



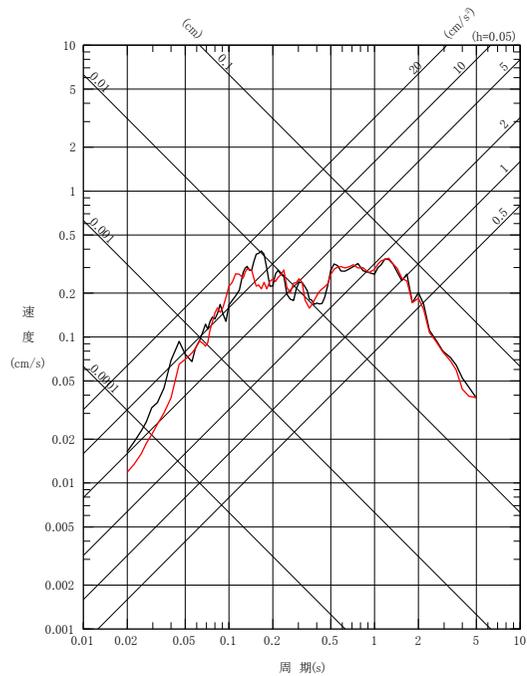
UD方向



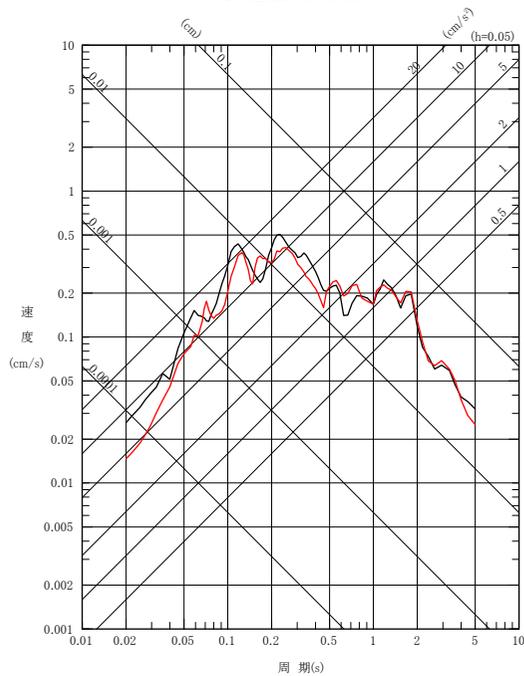
NS方向

EW方向  
加速度時刻歴波形

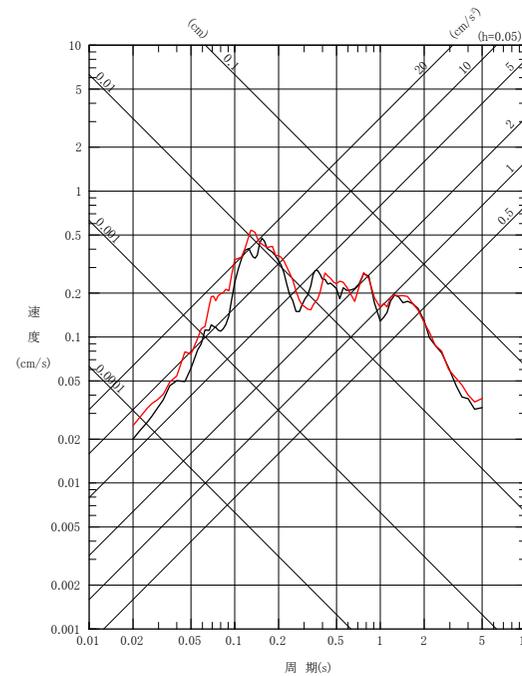
UD方向



NS方向

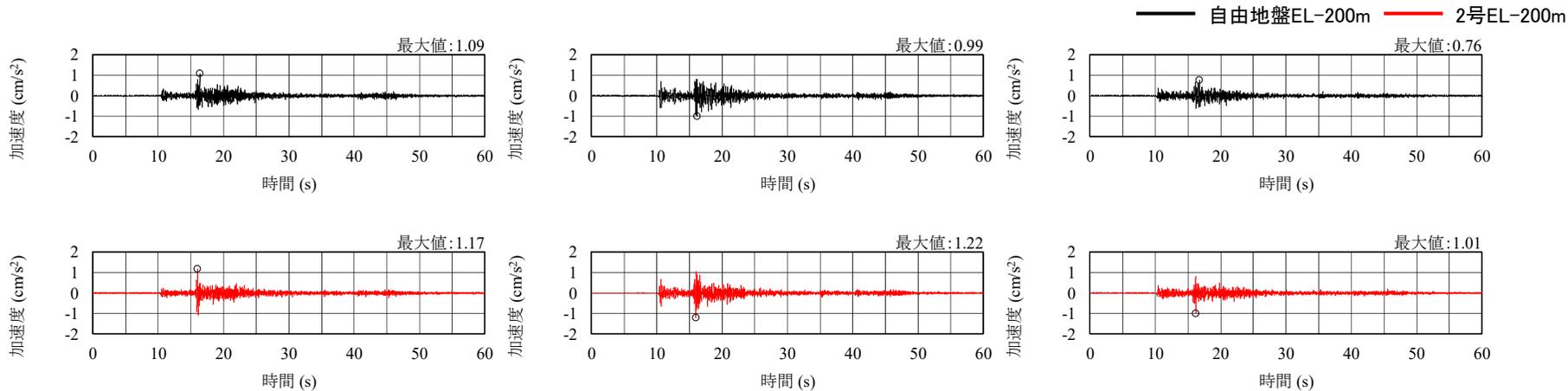


EW方向  
擬似速度応答スペクトル



UD方向

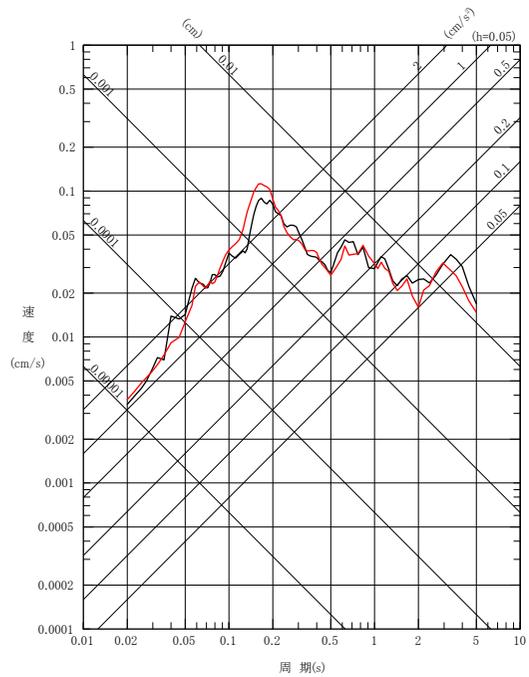
# No.63



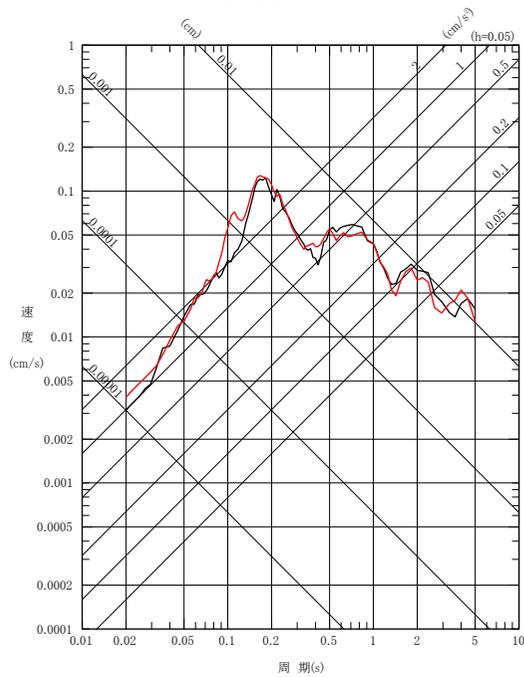
NS方向

EW方向  
加速度時刻歴波形

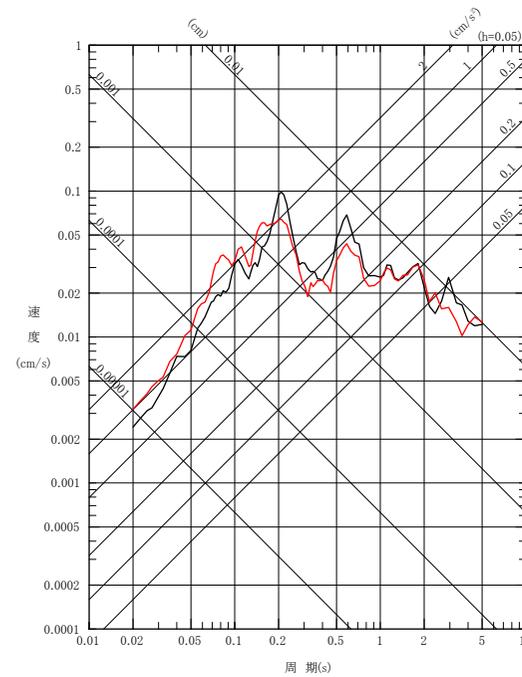
UD方向



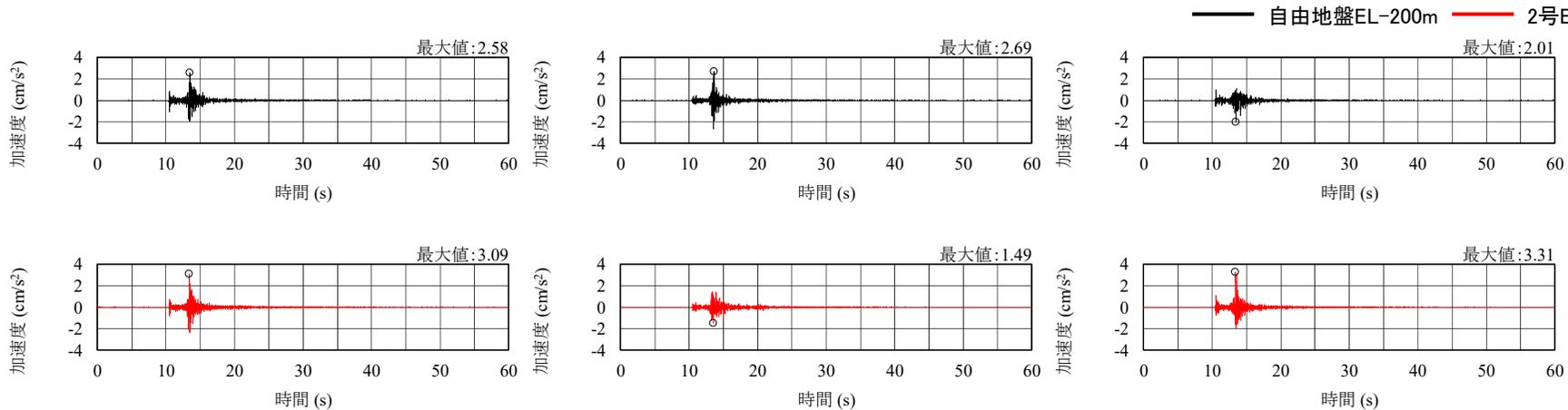
NS方向



EW方向  
擬似速度応答スペクトル



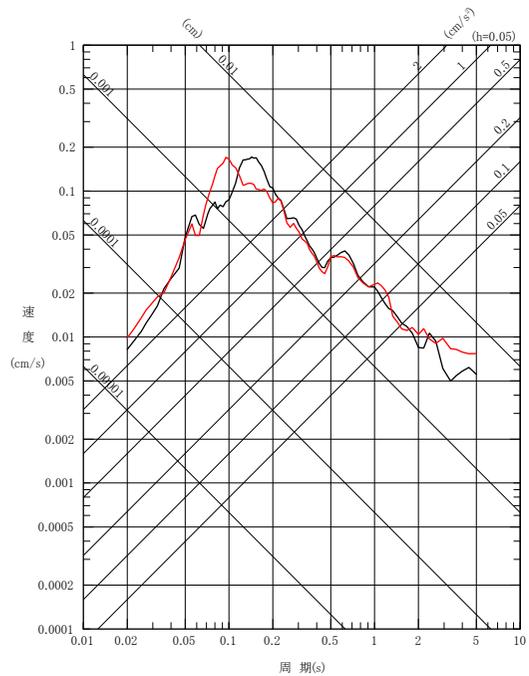
UD方向



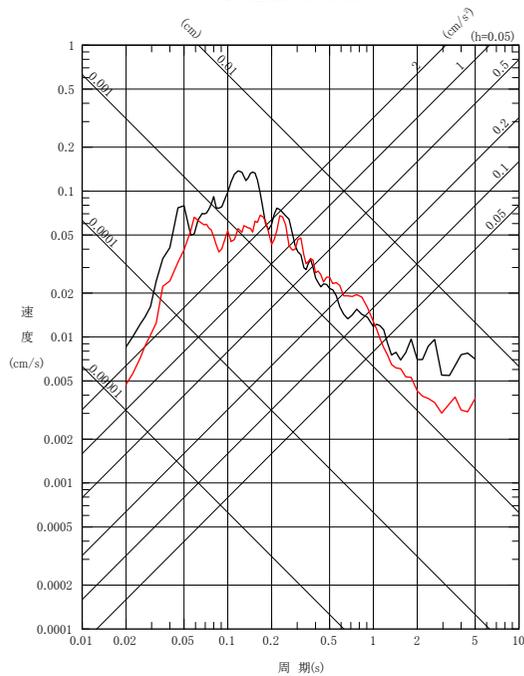
NS方向

EW方向  
加速度時刻歴波形

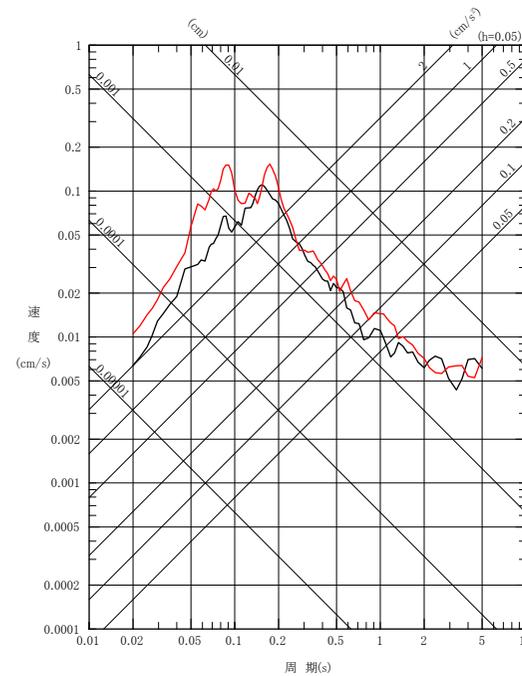
UD方向



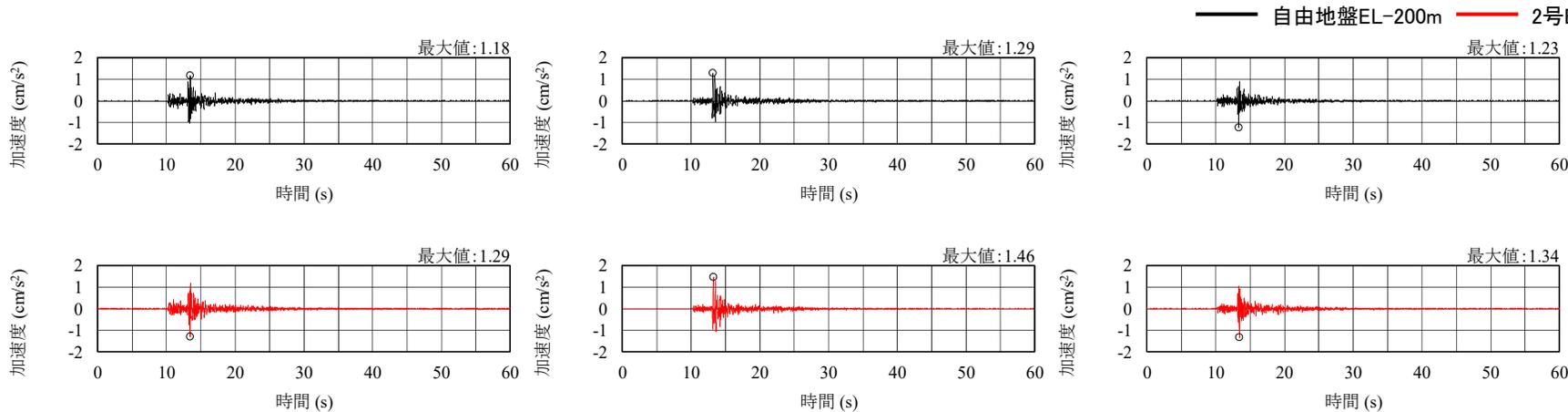
NS方向



EW方向  
擬似速度応答スペクトル



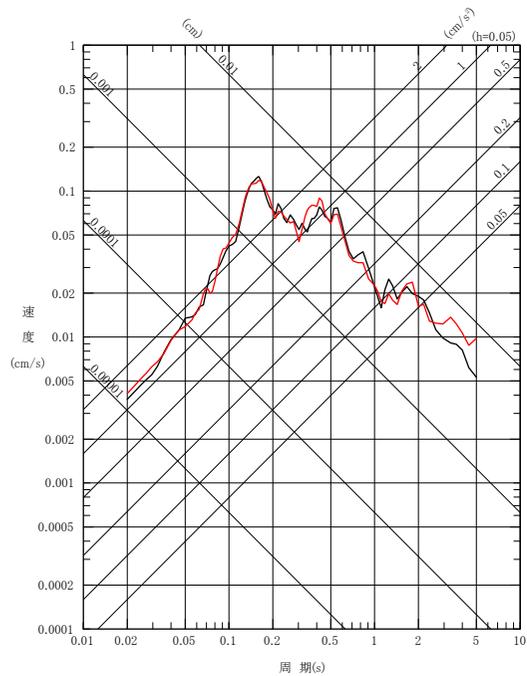
UD方向



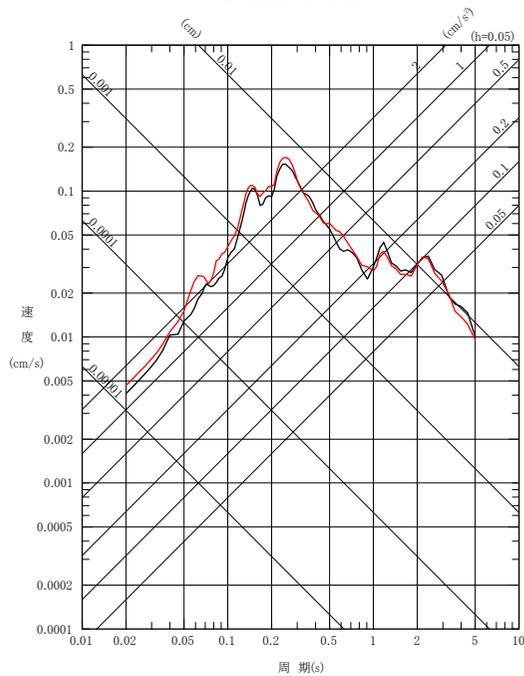
NS方向

EW方向  
加速度時刻歴波形

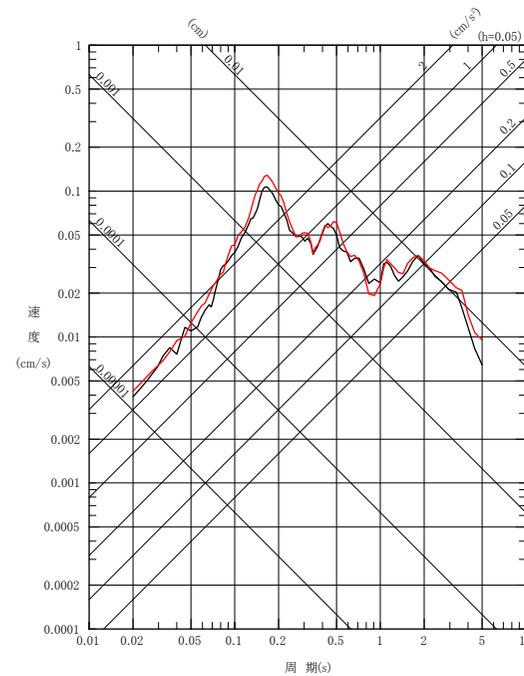
UD方向



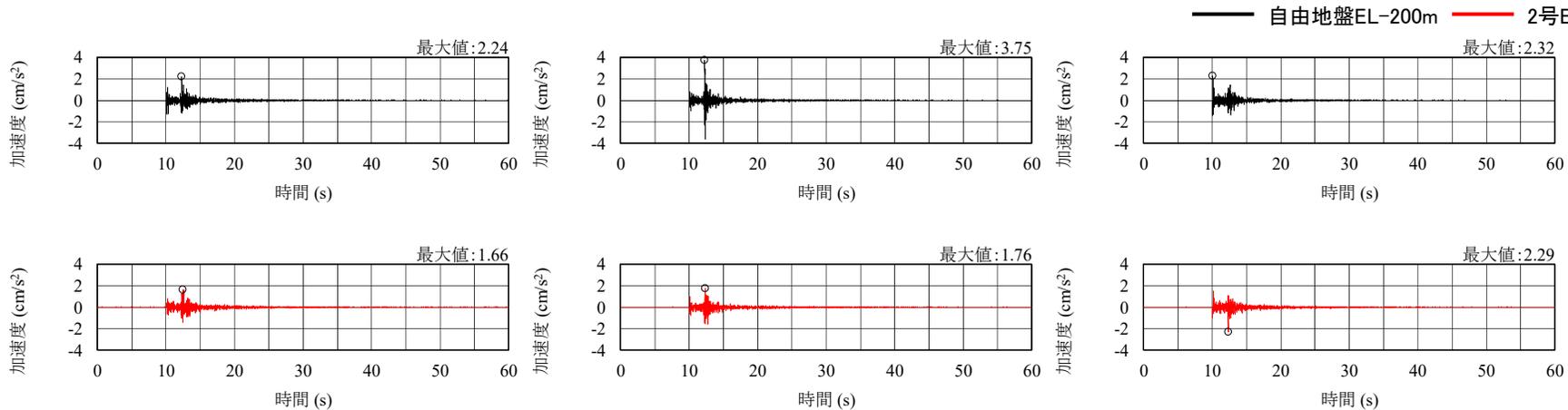
NS方向



EW方向  
擬似速度応答スペクトル



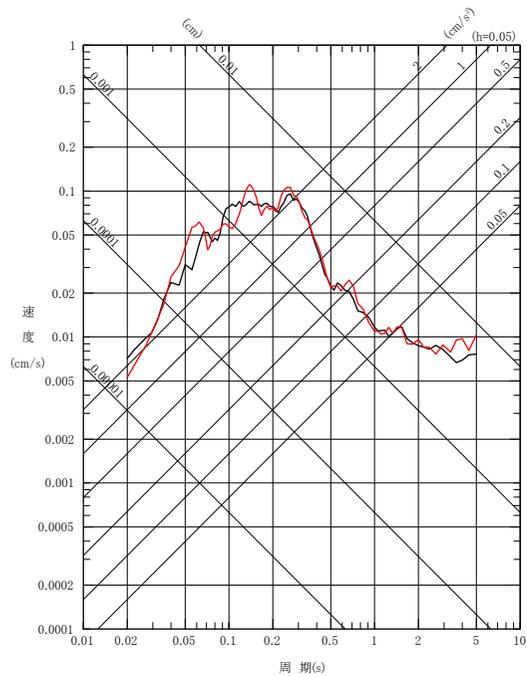
UD方向



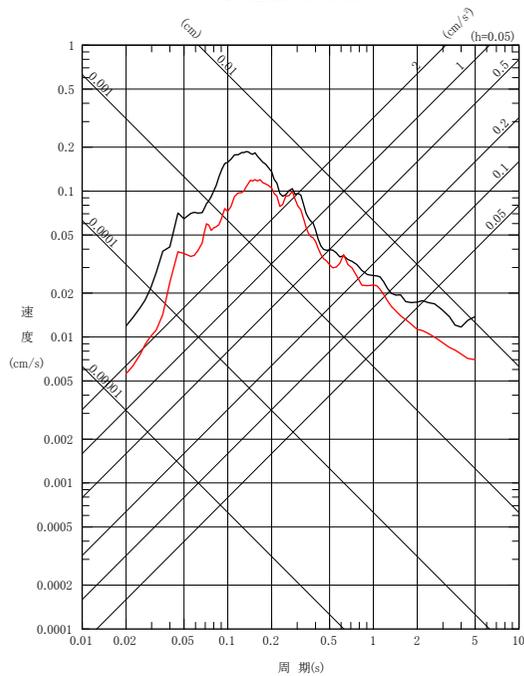
NS方向

EW方向  
加速度時刻歴波形

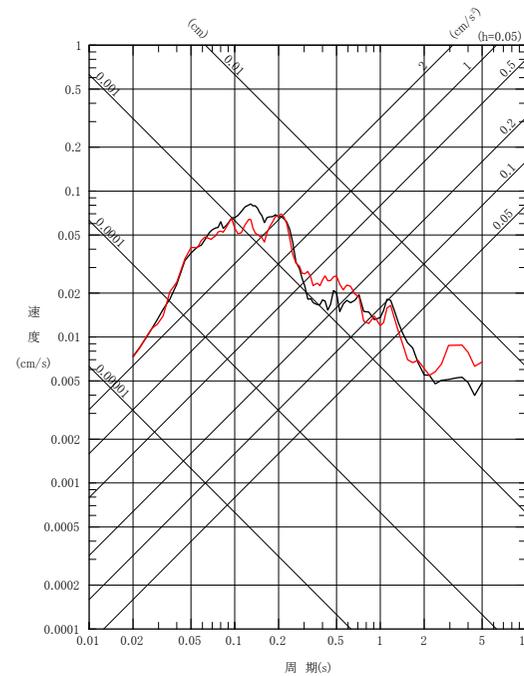
UD方向



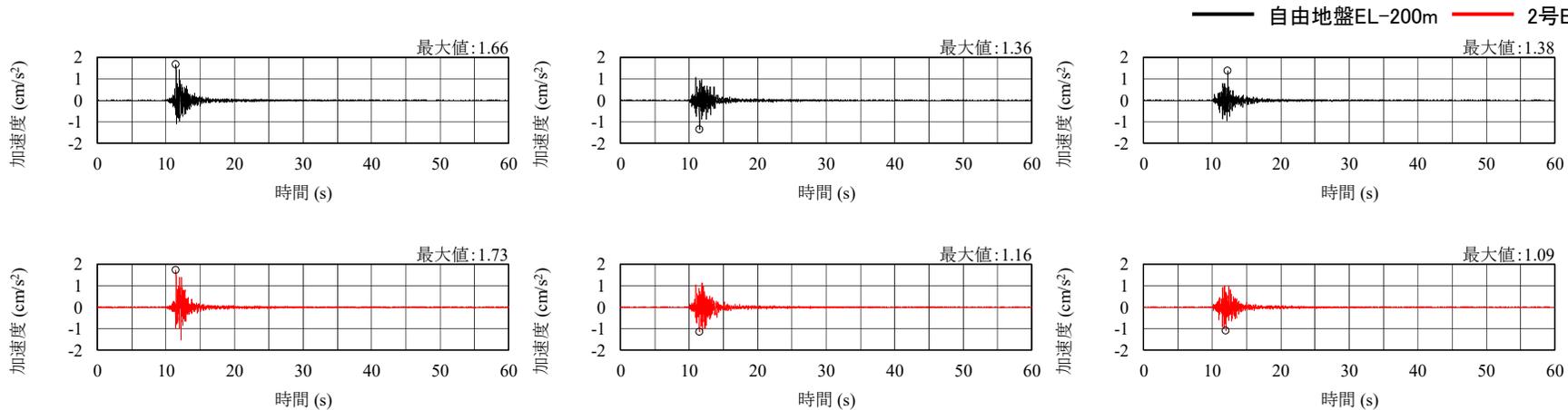
NS方向



EW方向  
擬似速度応答スペクトル



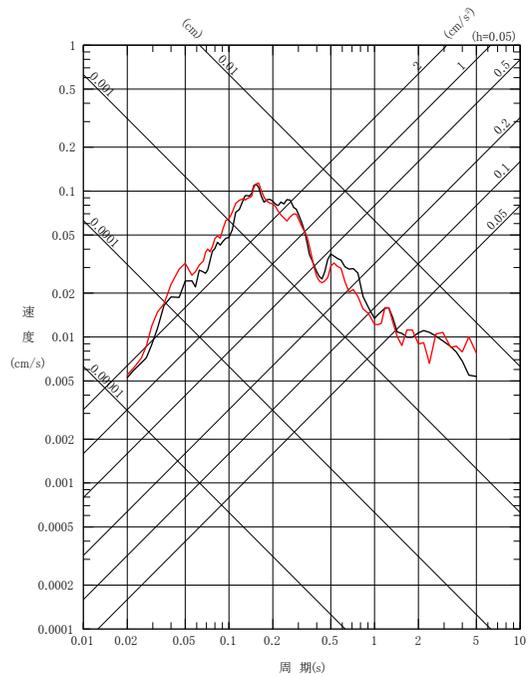
UD方向



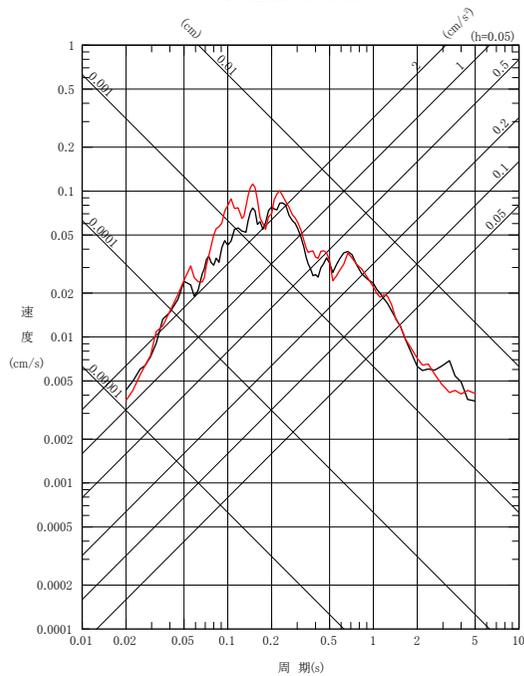
NS方向

EW方向  
加速度時刻歴波形

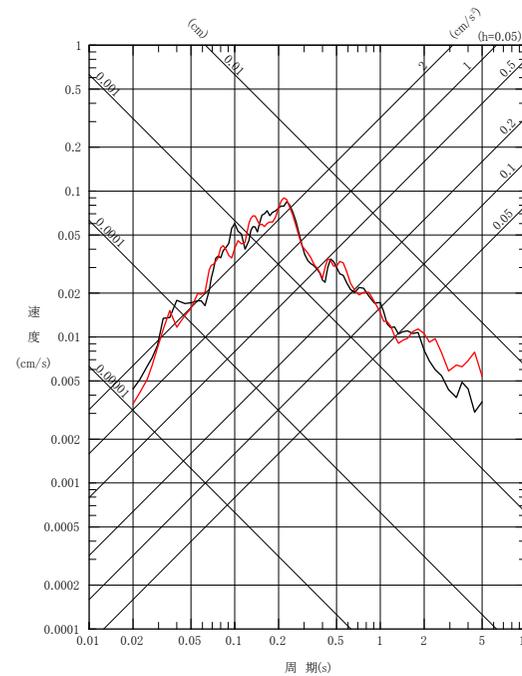
UD方向



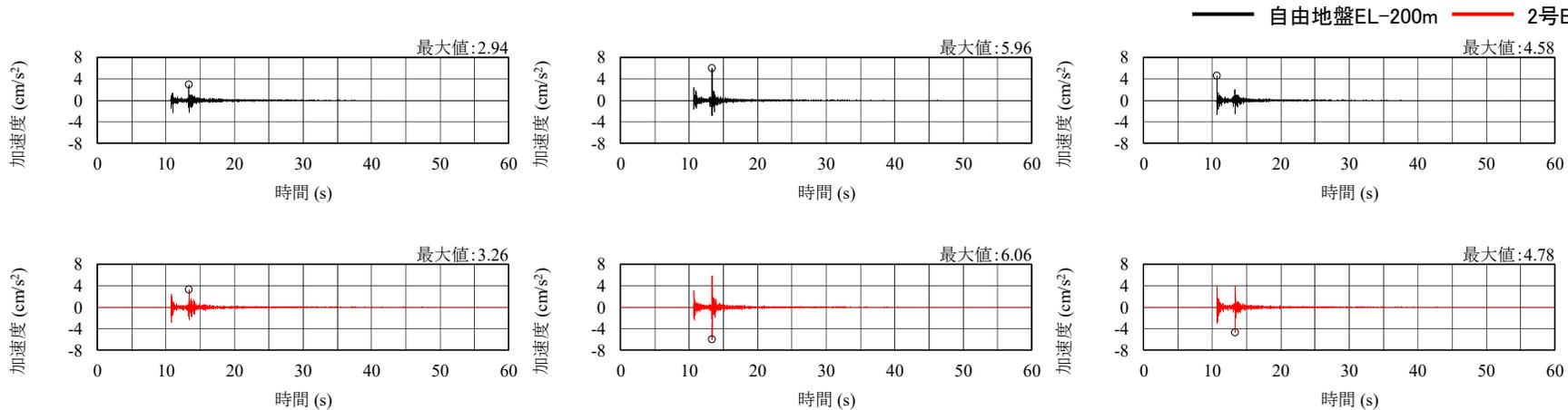
NS方向



EW方向  
擬似速度応答スペクトル



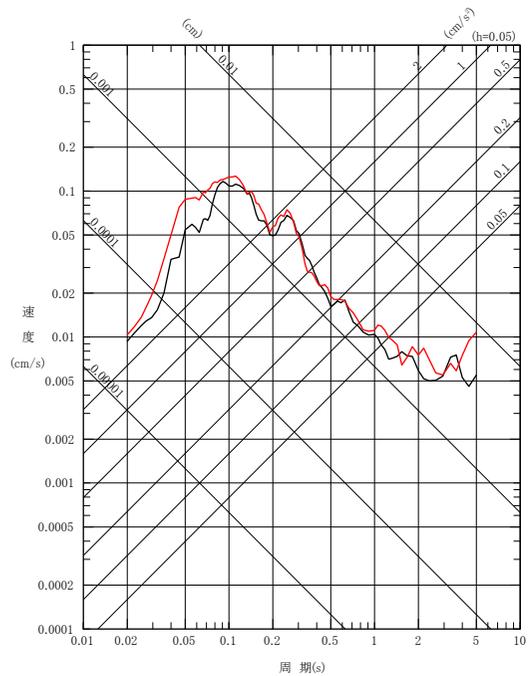
UD方向



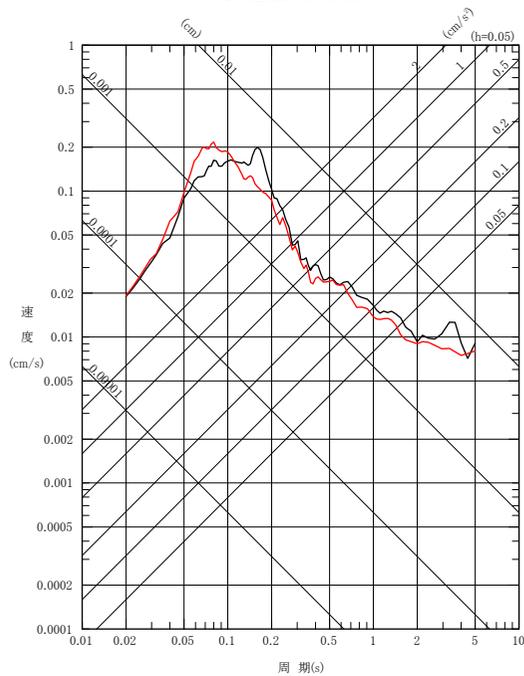
NS方向

EW方向  
加速度時刻歴波形

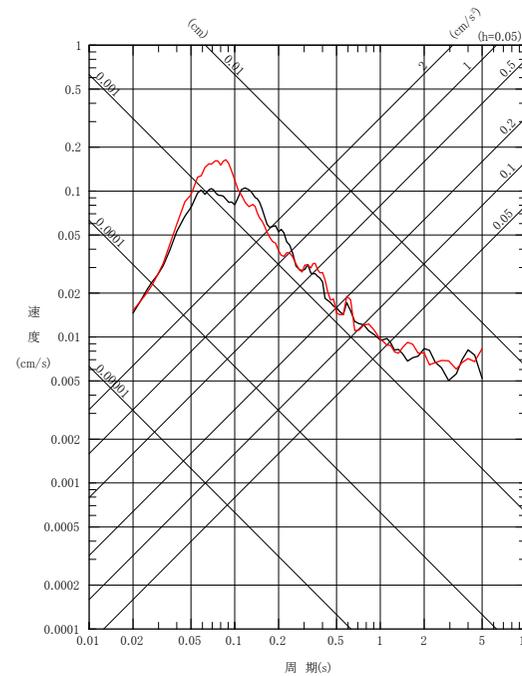
UD方向



NS方向

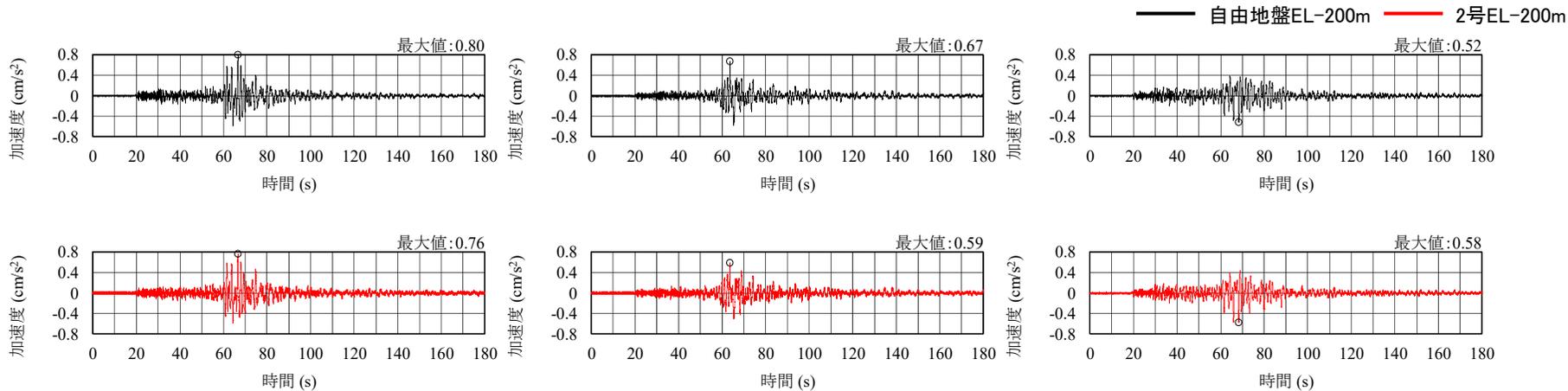


EW方向  
擬似速度応答スペクトル



UD方向

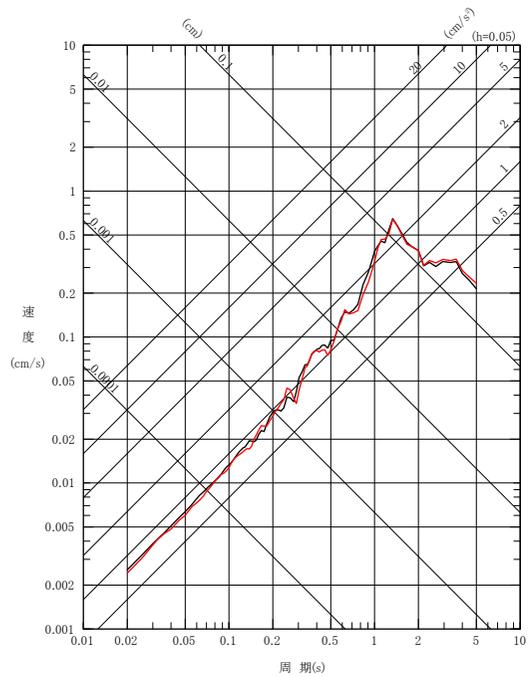
# No.69



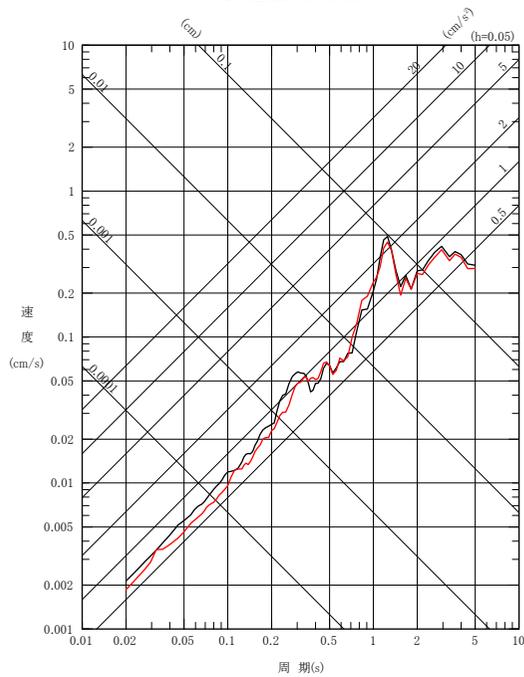
NS方向

EW方向  
加速度時刻歴波形

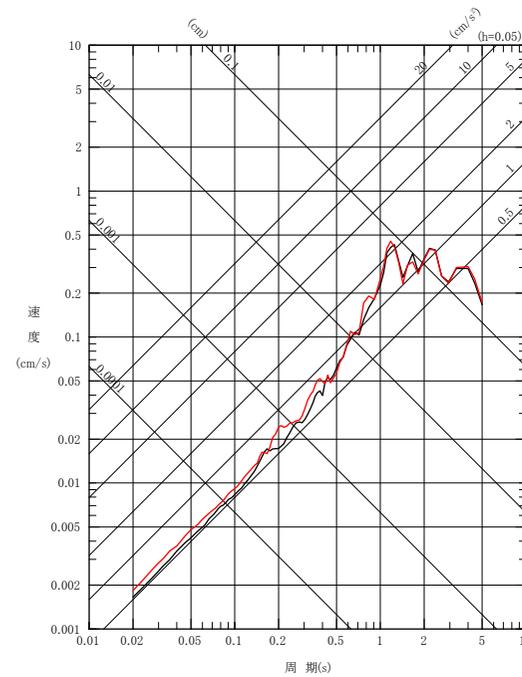
UD方向



NS方向

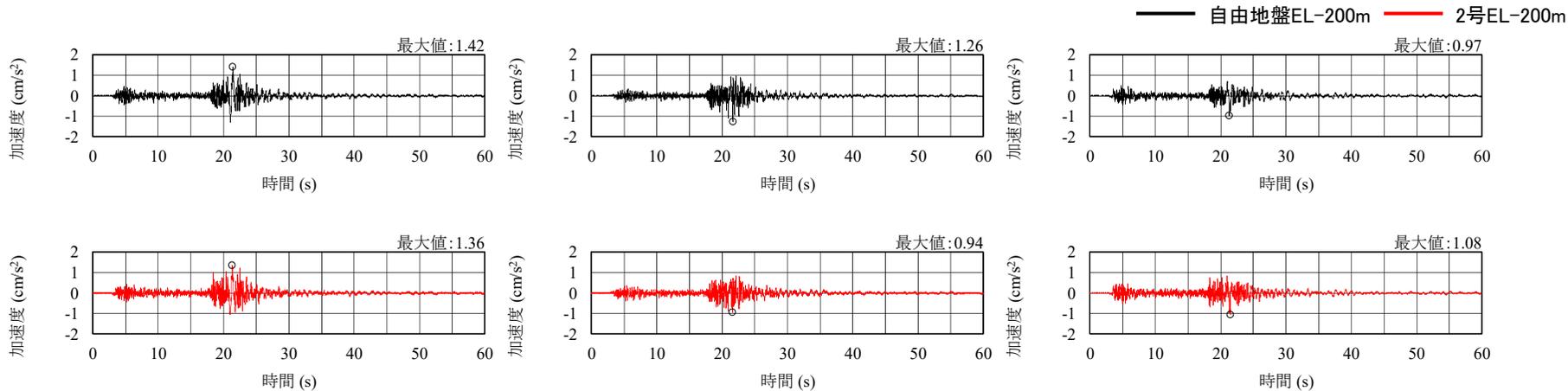


EW方向  
擬似速度応答スペクトル



UD方向

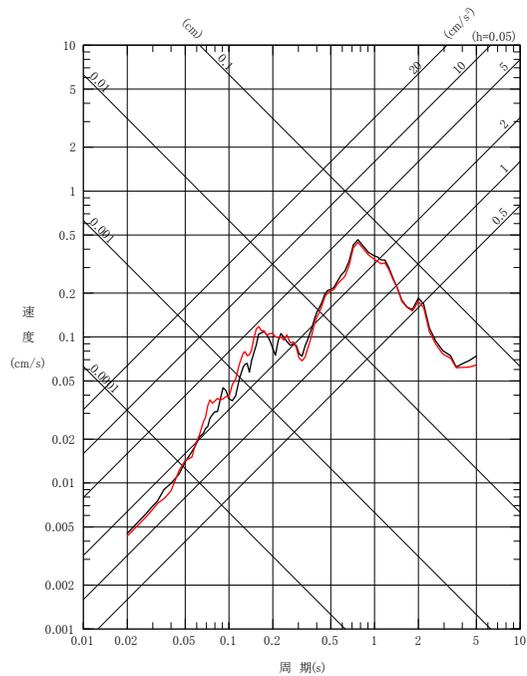
# No.70



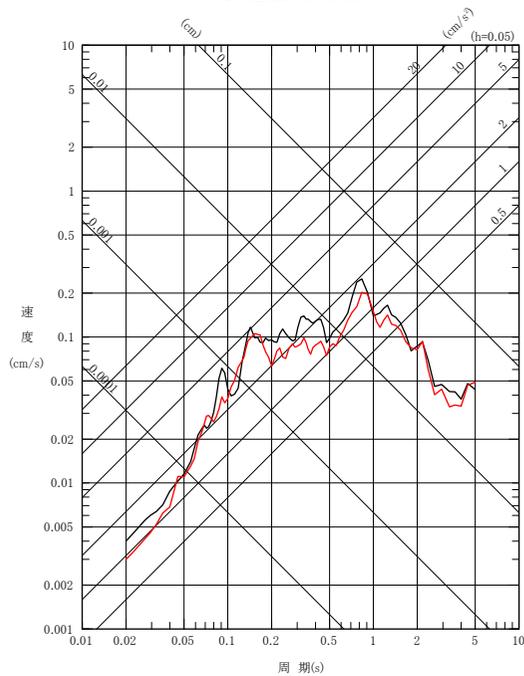
NS方向

EW方向  
加速度時刻歴波形

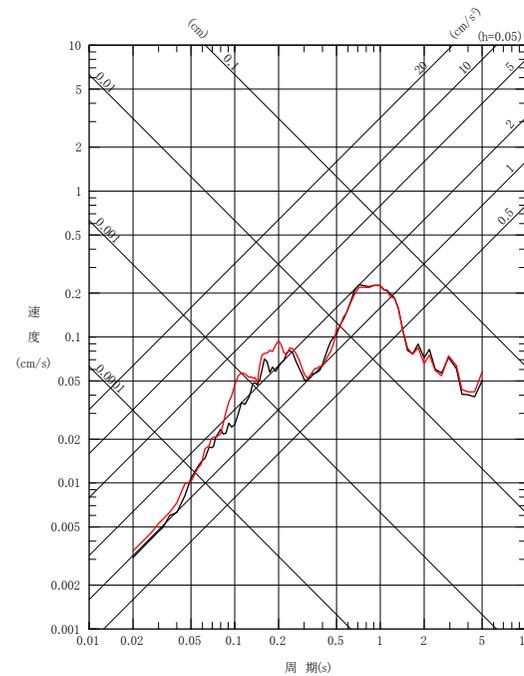
UD方向



NS方向

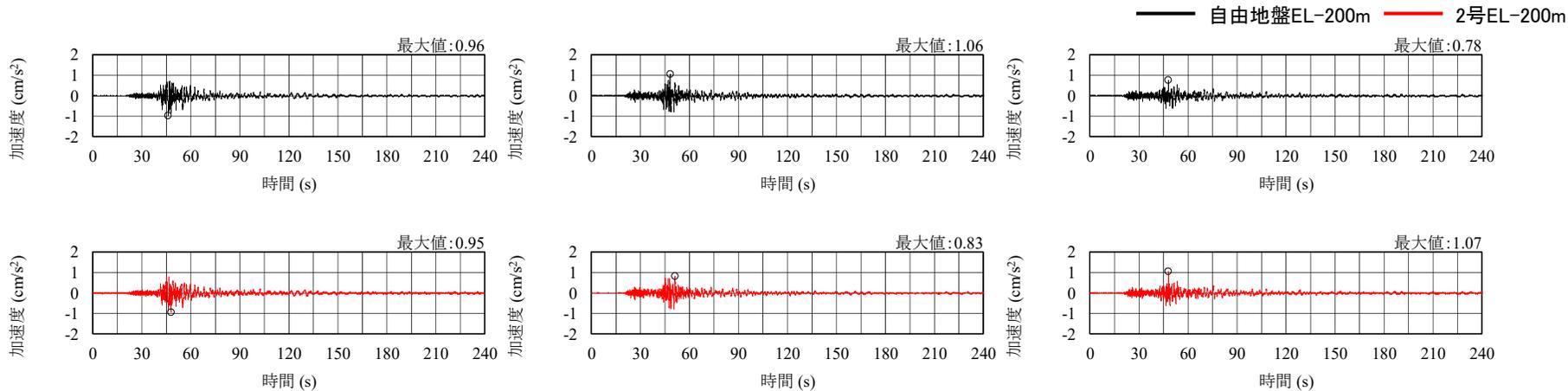


EW方向  
擬似速度応答スペクトル



UD方向

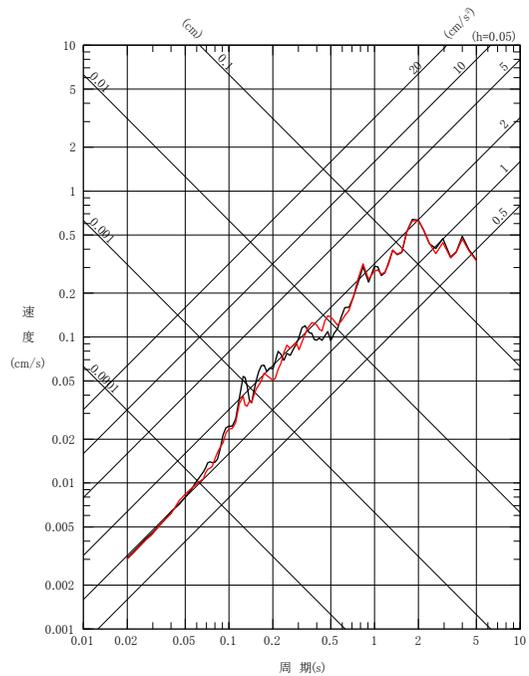
# No.71



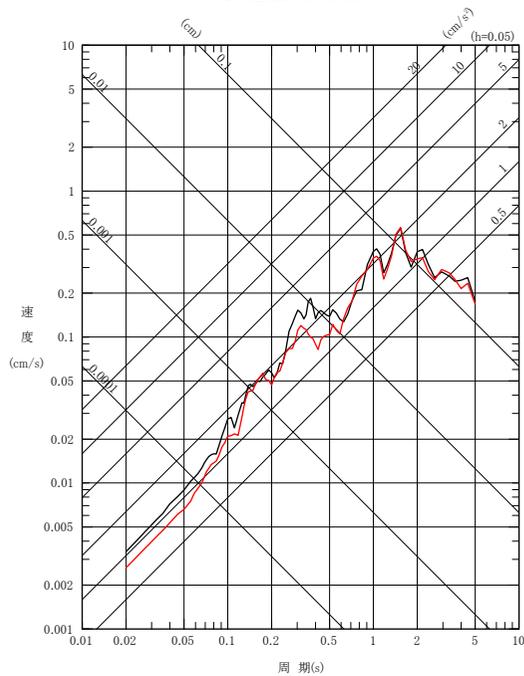
NS方向

EW方向  
加速度時刻歴波形

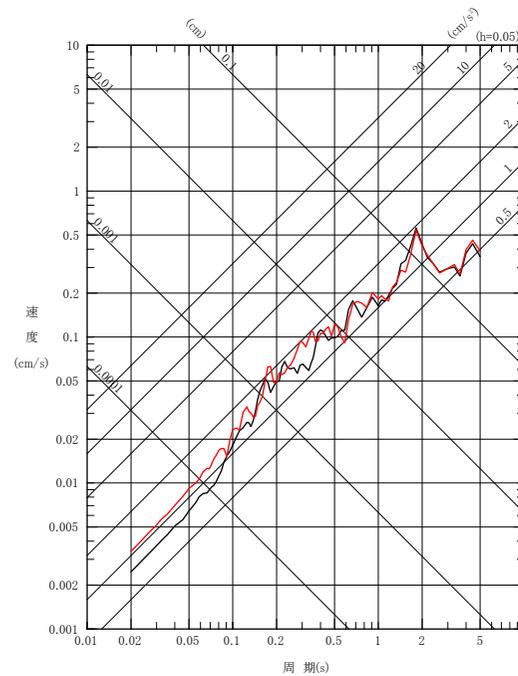
UD方向



NS方向

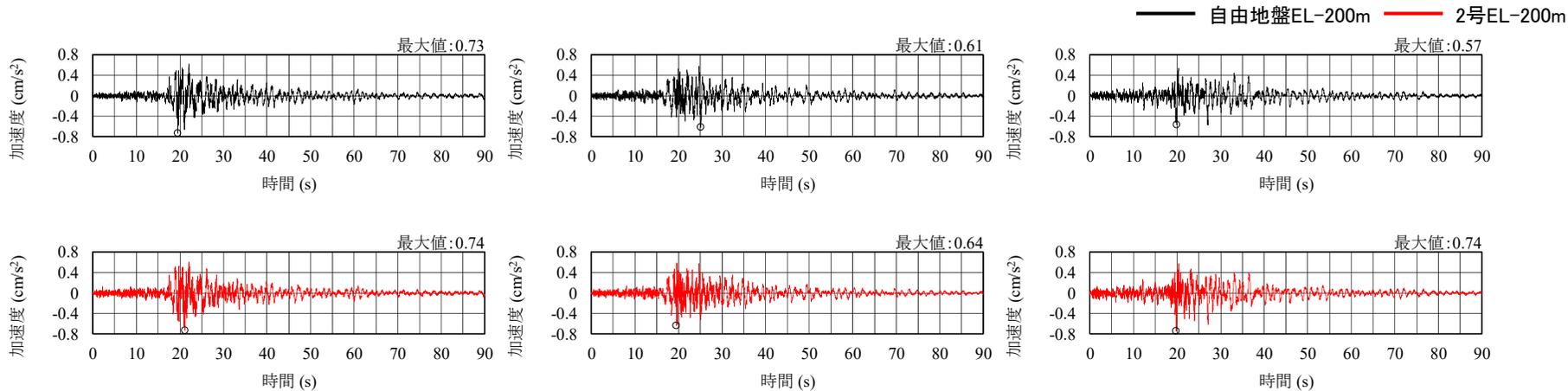


EW方向  
擬似速度応答スペクトル



UD方向

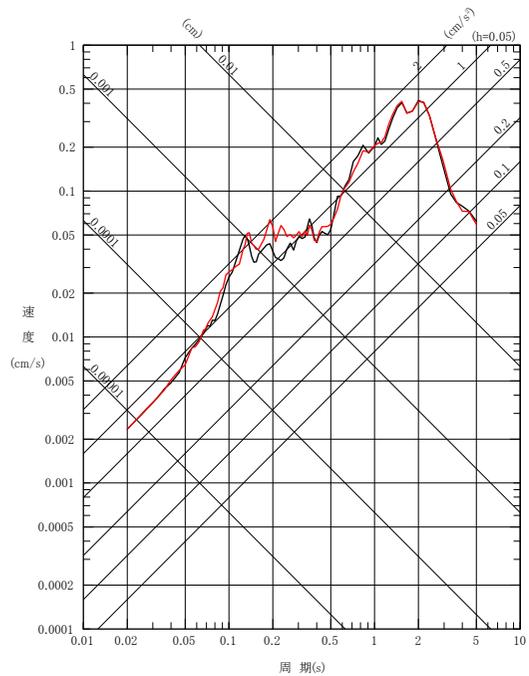
# No.72



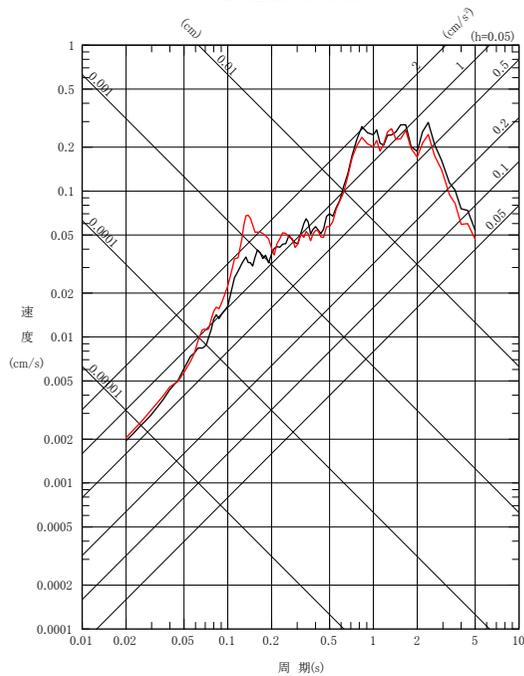
NS方向

EW方向  
加速度時刻歴波形

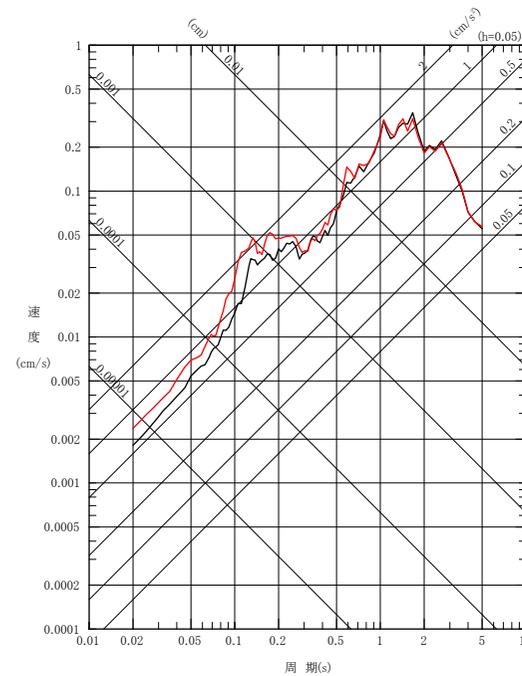
UD方向



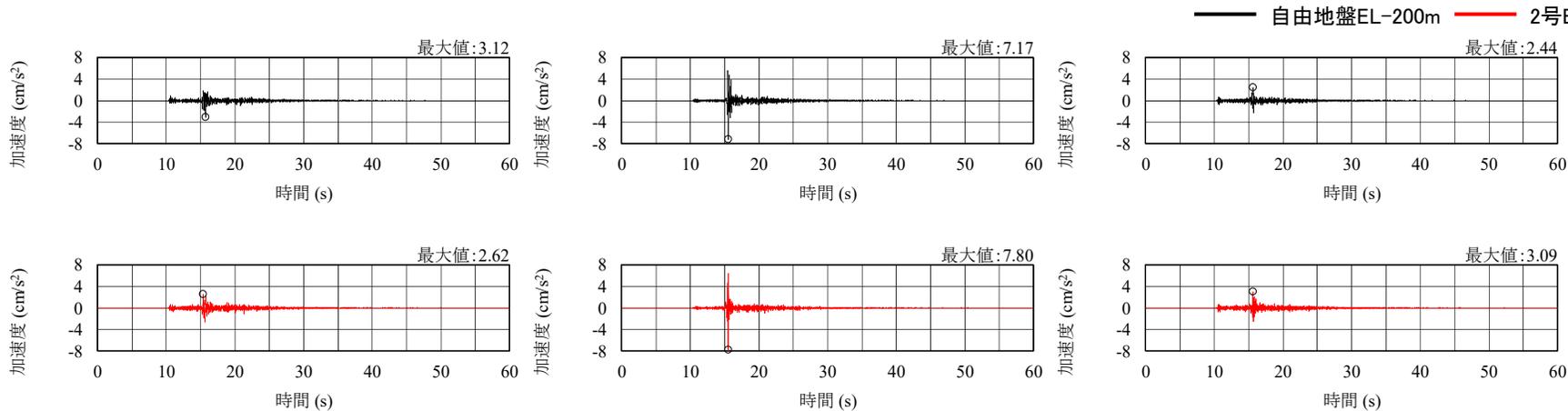
NS方向



EW方向  
擬似速度応答スペクトル



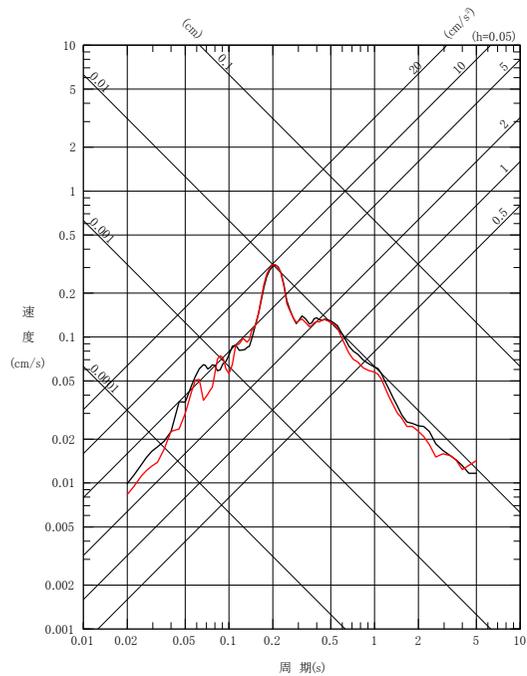
UD方向



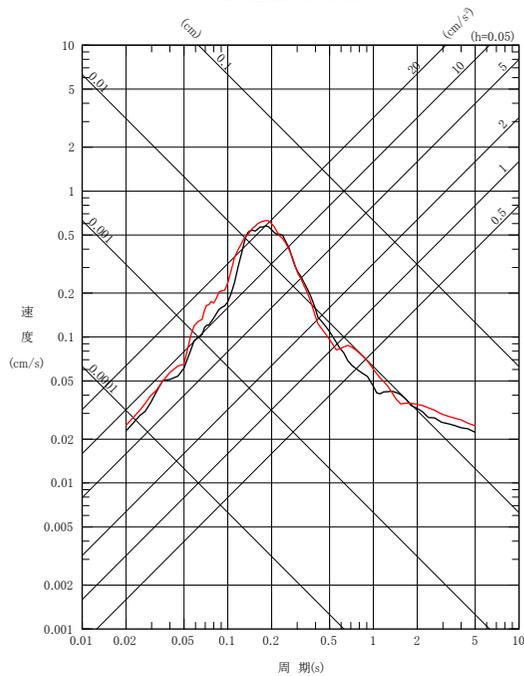
NS方向

EW方向  
加速度時刻歴波形

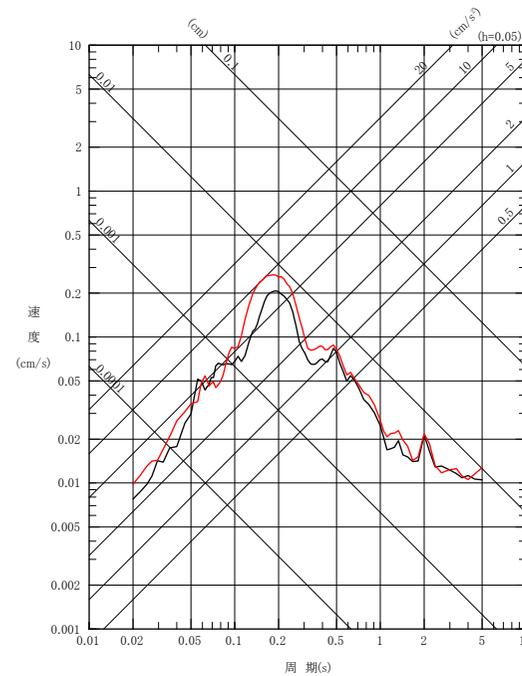
UD方向



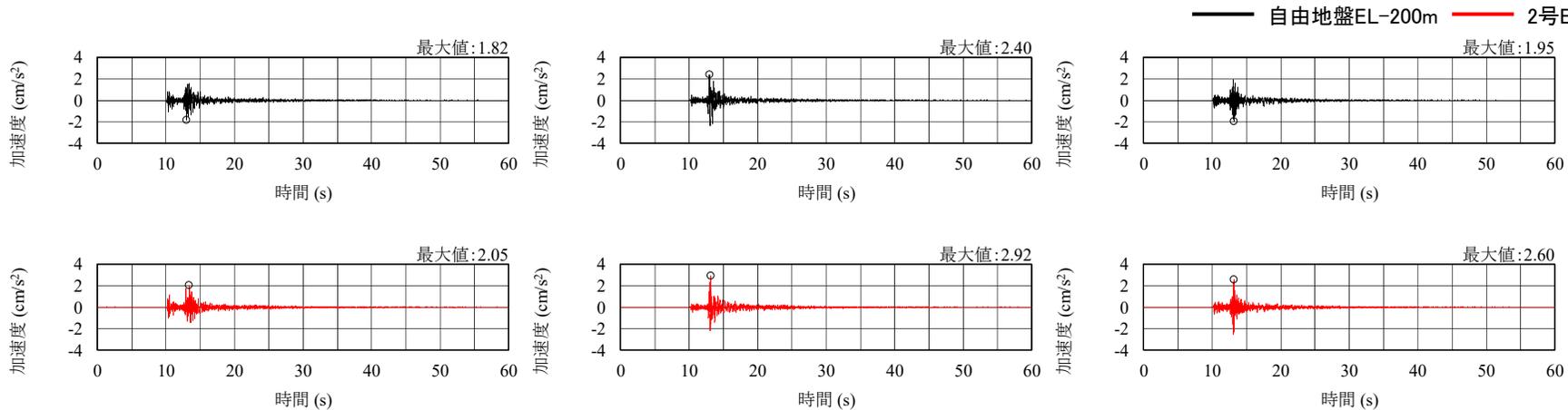
NS方向



EW方向  
擬似速度応答スペクトル



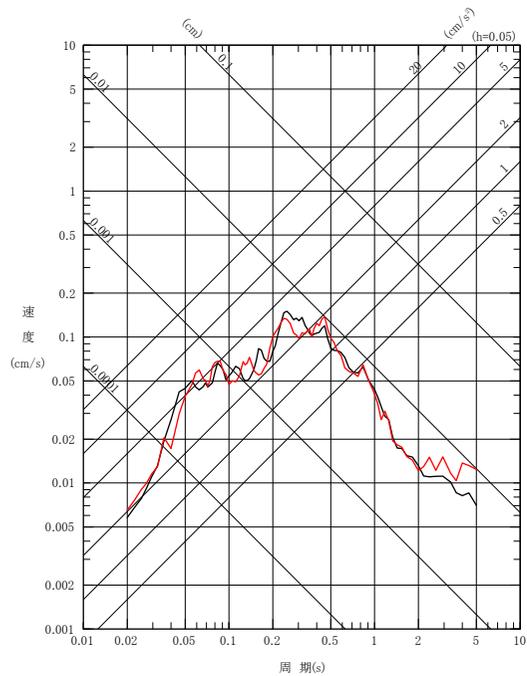
UD方向



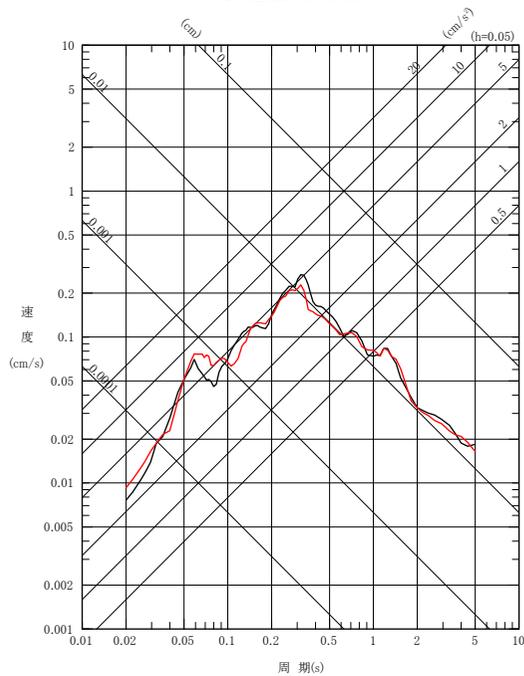
NS方向

EW方向  
加速度時刻歴波形

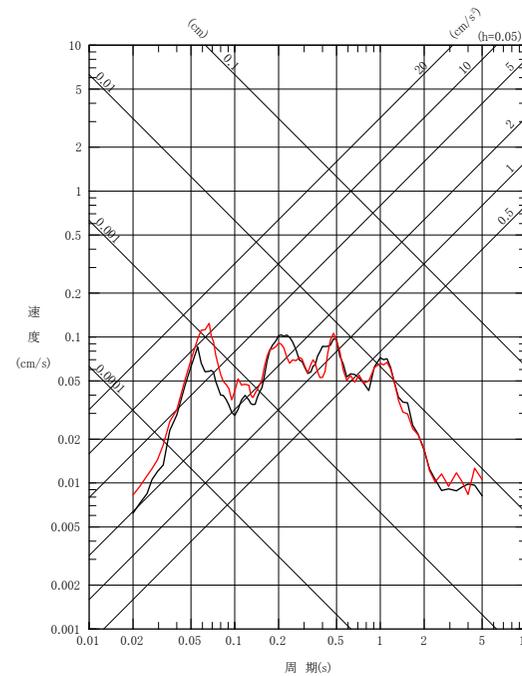
UD方向



NS方向

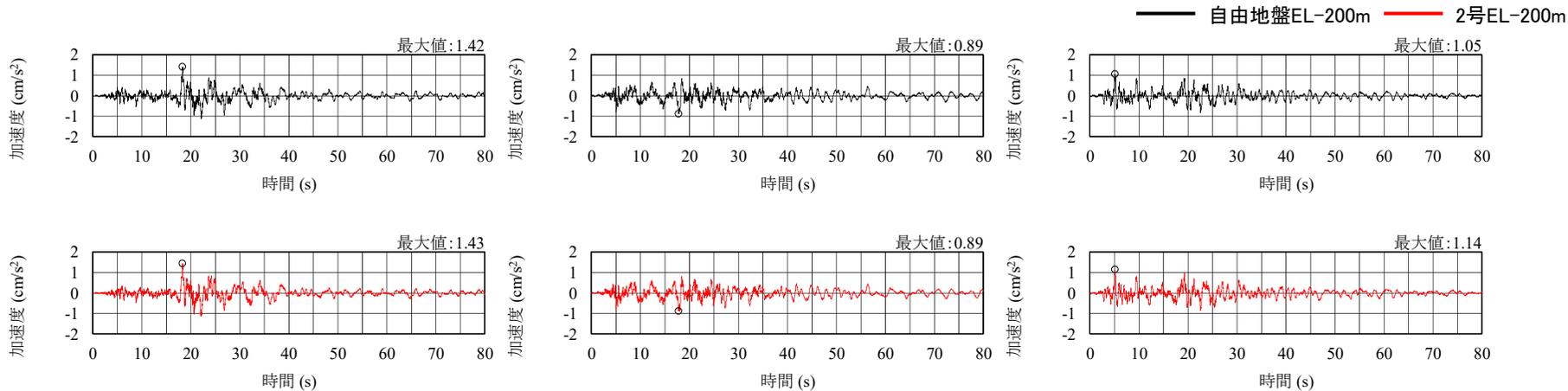


EW方向  
擬似速度応答スペクトル



UD方向

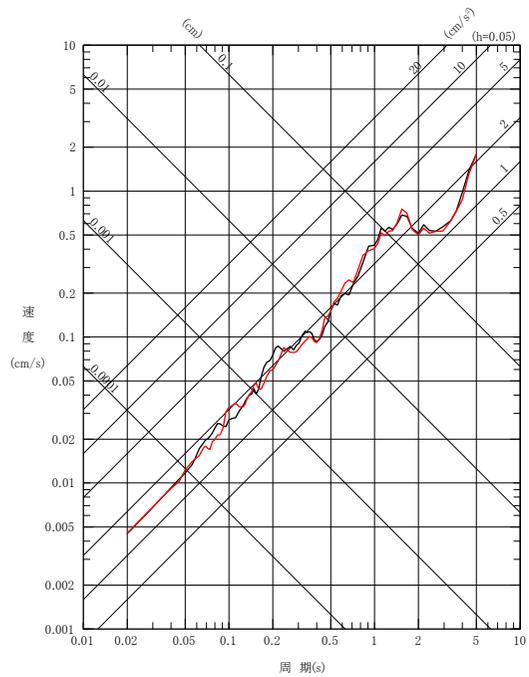
# No.75



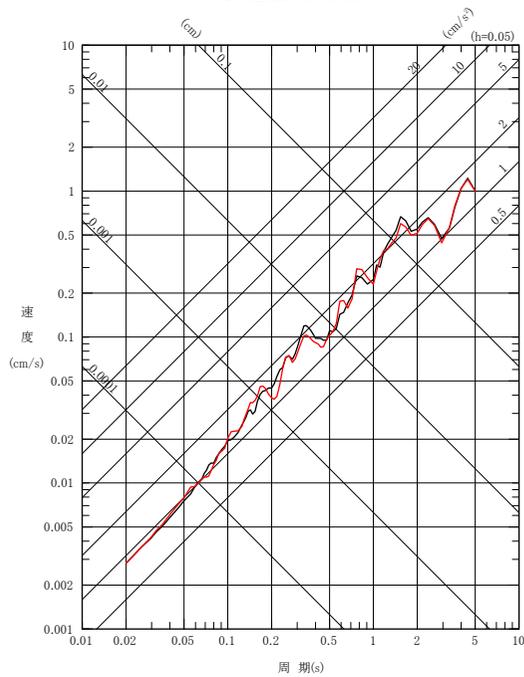
NS方向

EW方向  
加速度時刻歴波形

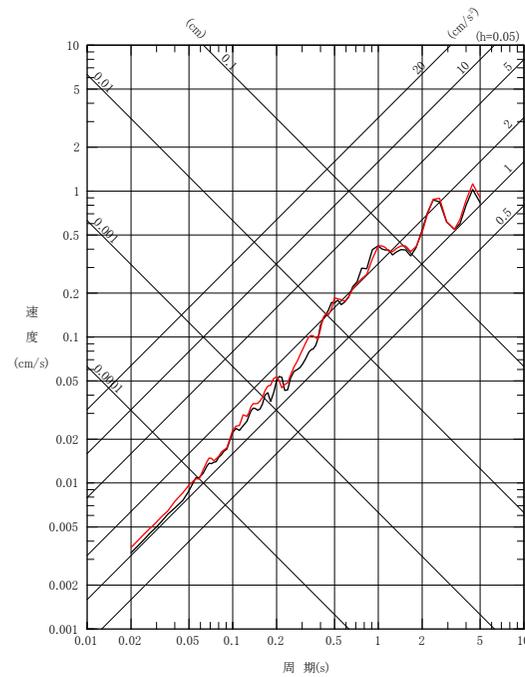
UD方向



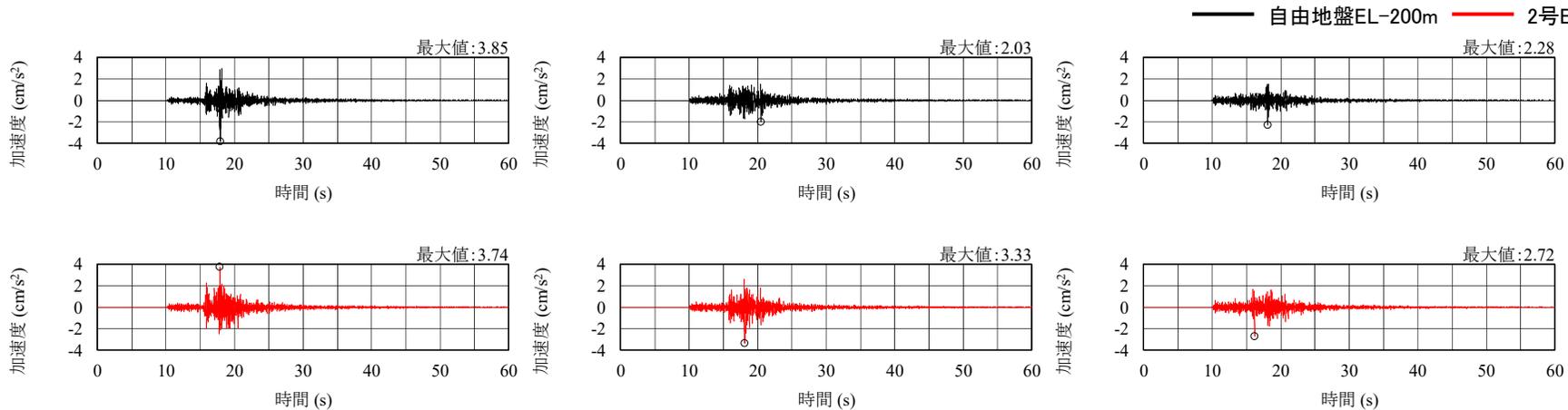
NS方向



EW方向  
擬似速度応答スペクトル



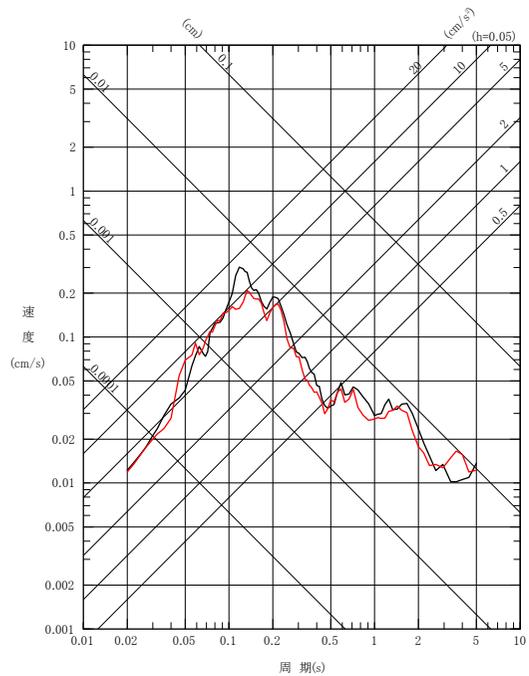
UD方向



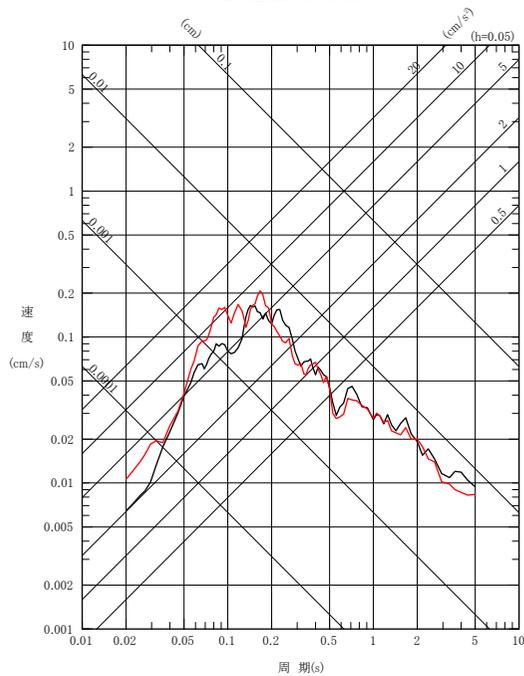
NS方向

EW方向  
加速度時刻歴波形

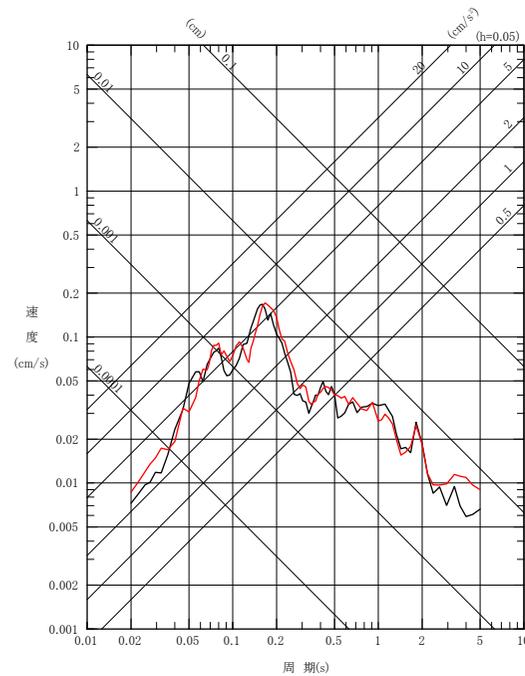
UD方向



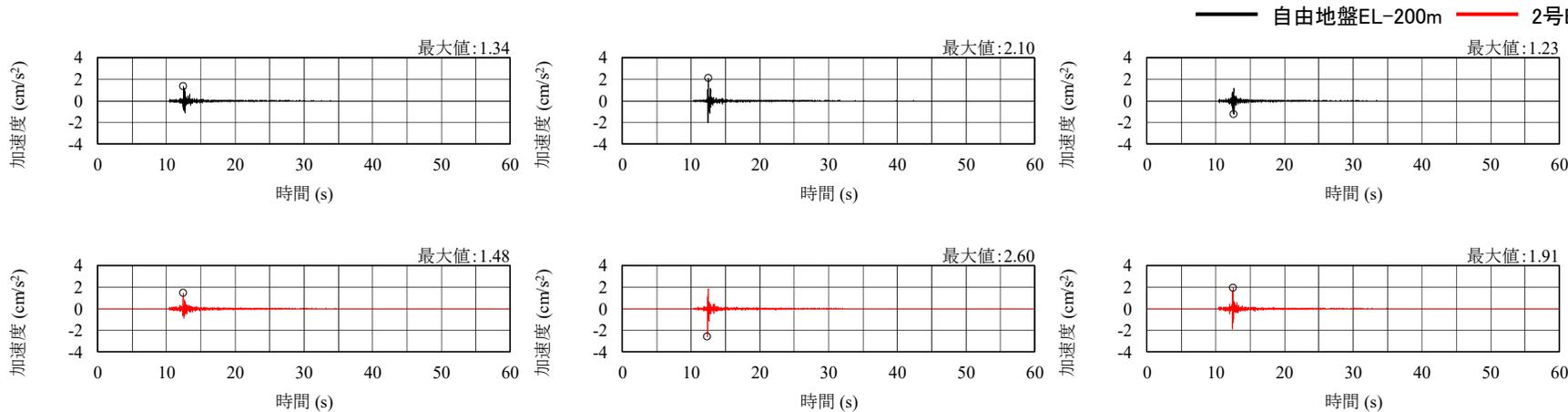
NS方向



EW方向  
擬似速度応答スペクトル



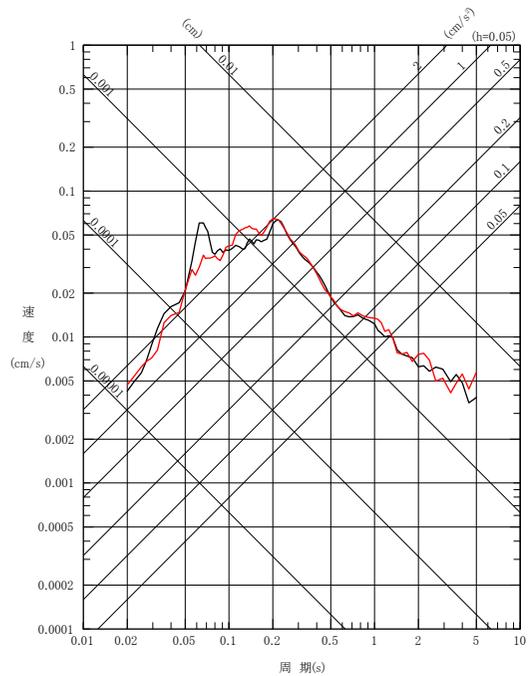
UD方向



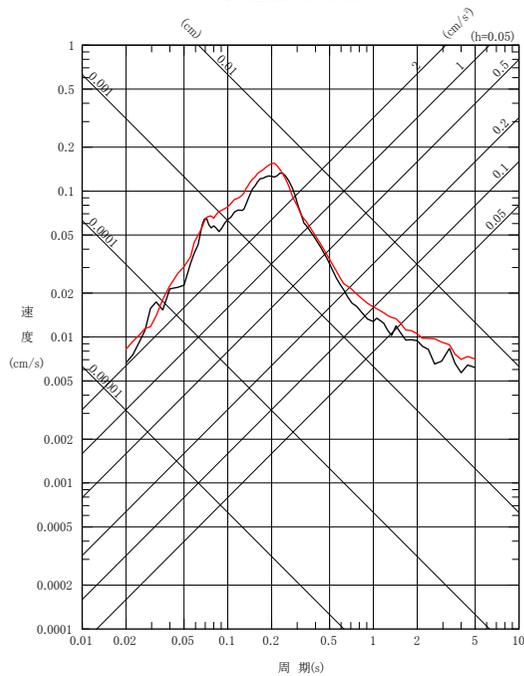
NS方向

EW方向  
加速度時刻歴波形

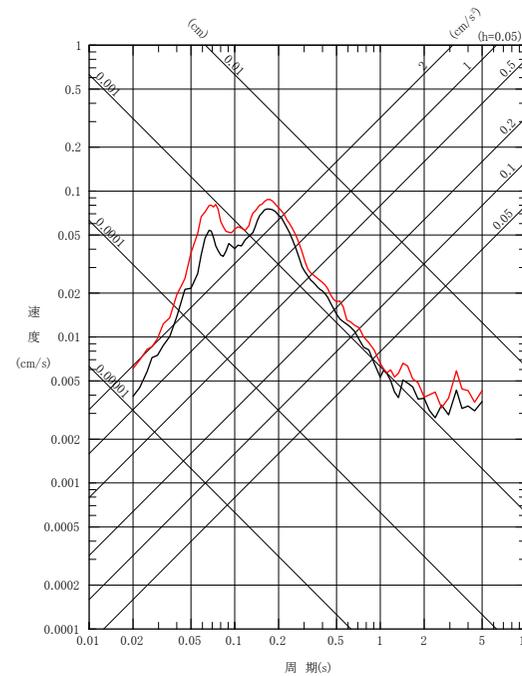
UD方向



NS方向

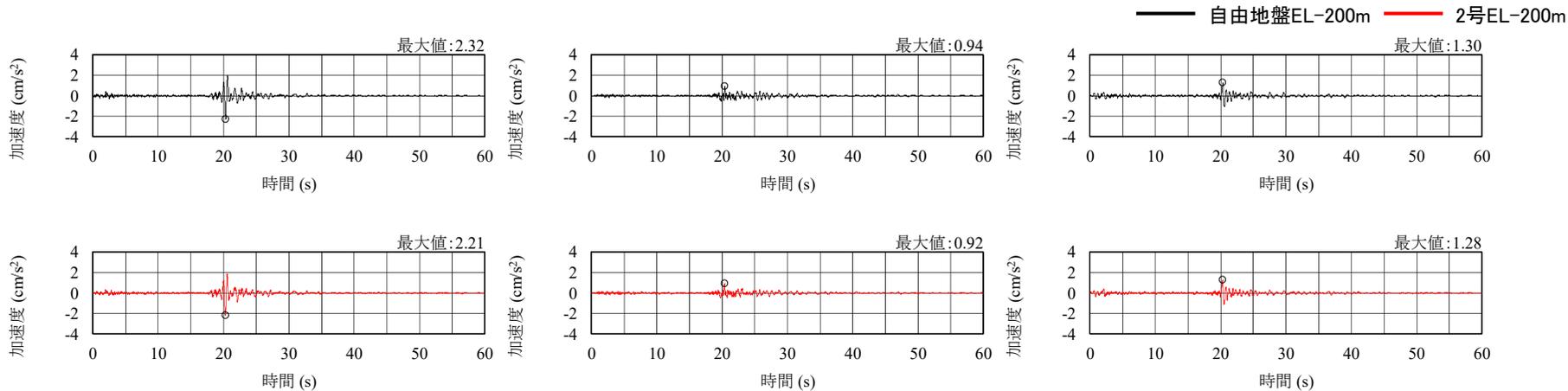


EW方向  
擬似速度応答スペクトル



UD方向

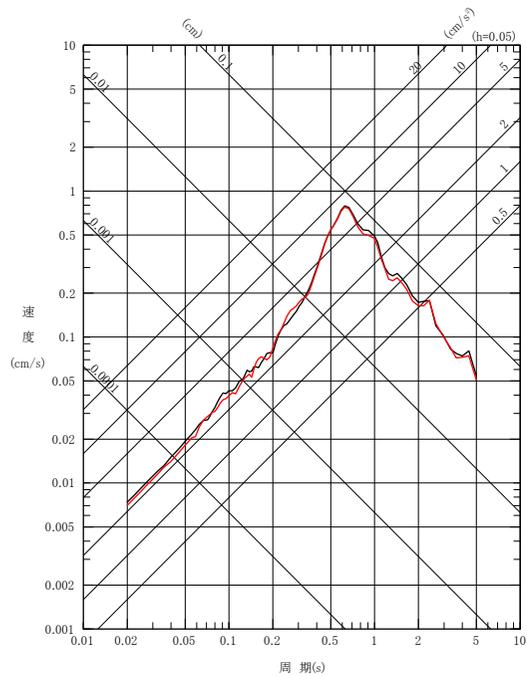
# No.78



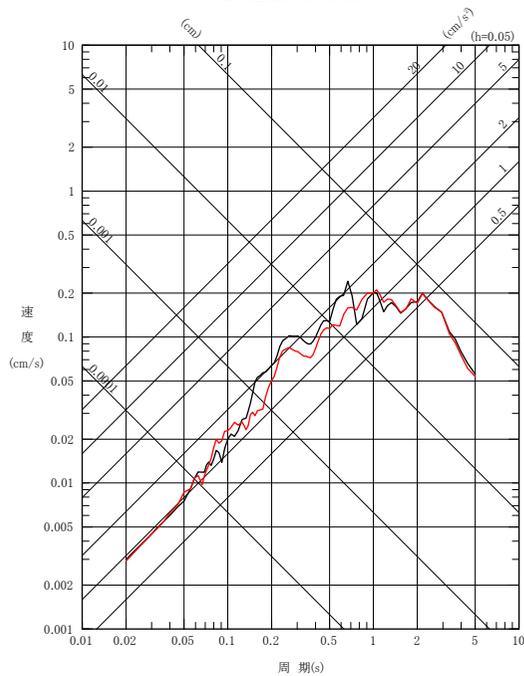
NS方向

EW方向  
加速度時刻歴波形

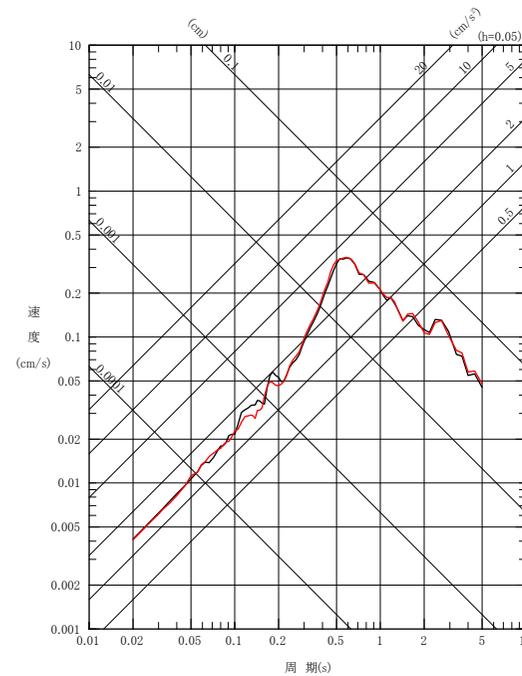
UD方向



NS方向

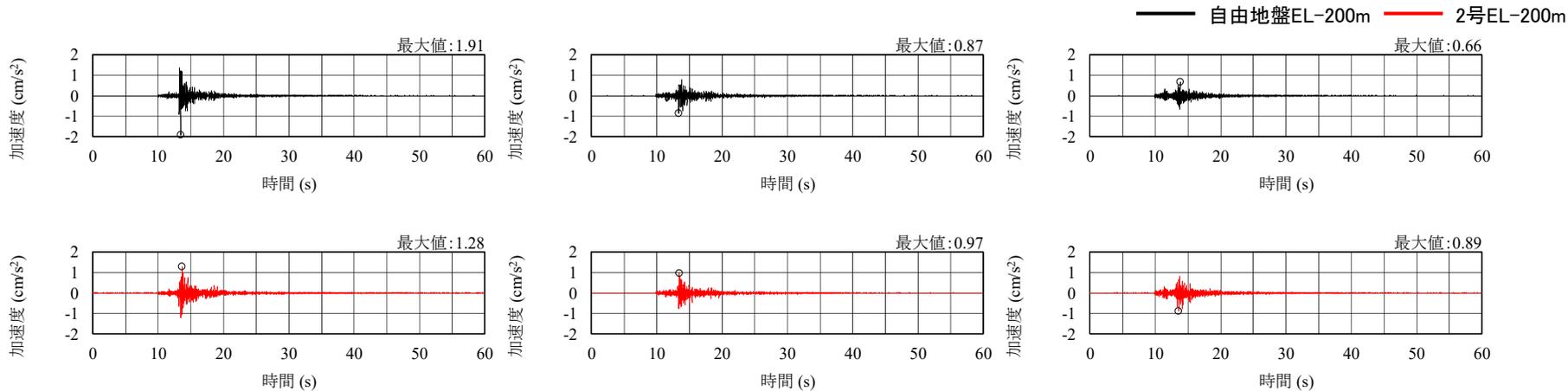


EW方向  
擬似速度応答スペクトル



UD方向

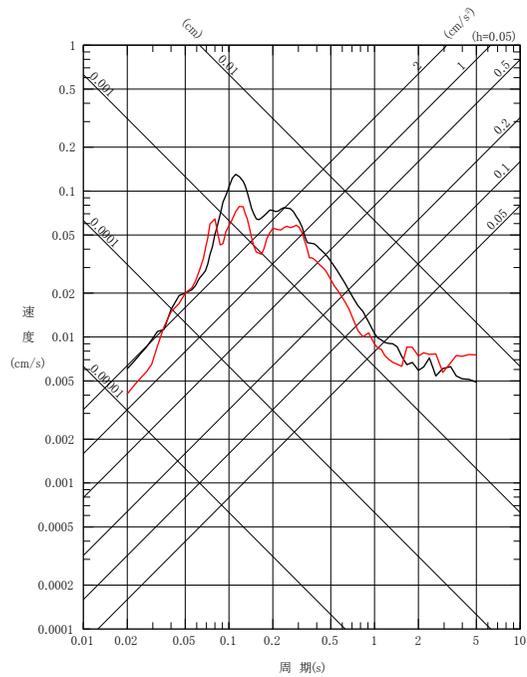
# No.79



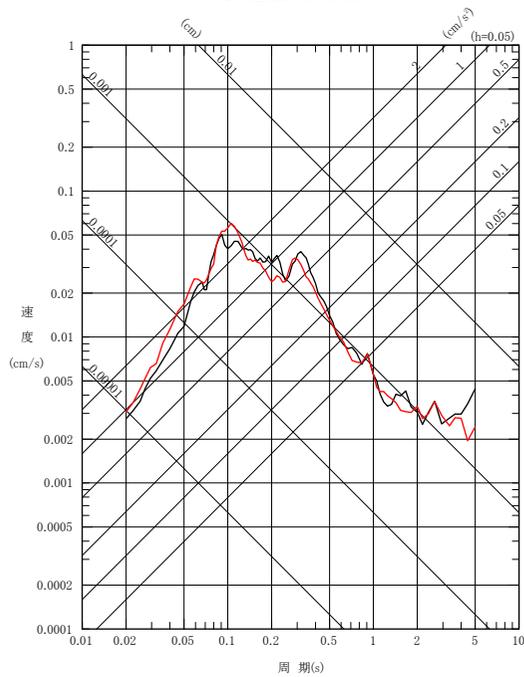
NS方向

EW方向  
加速度時刻歴波形

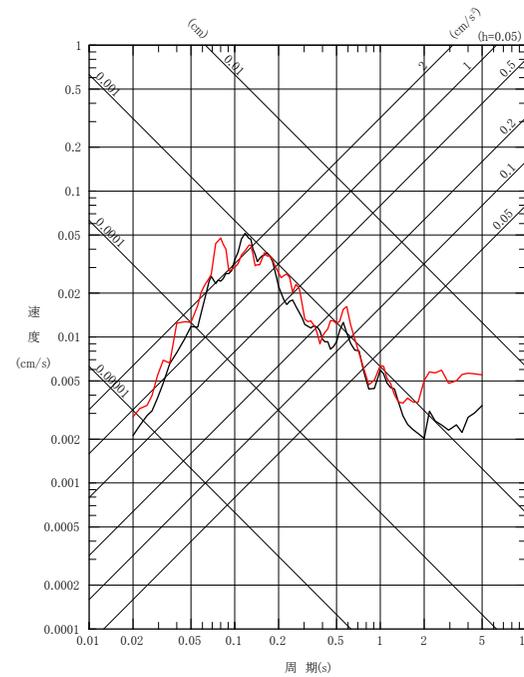
UD方向



NS方向

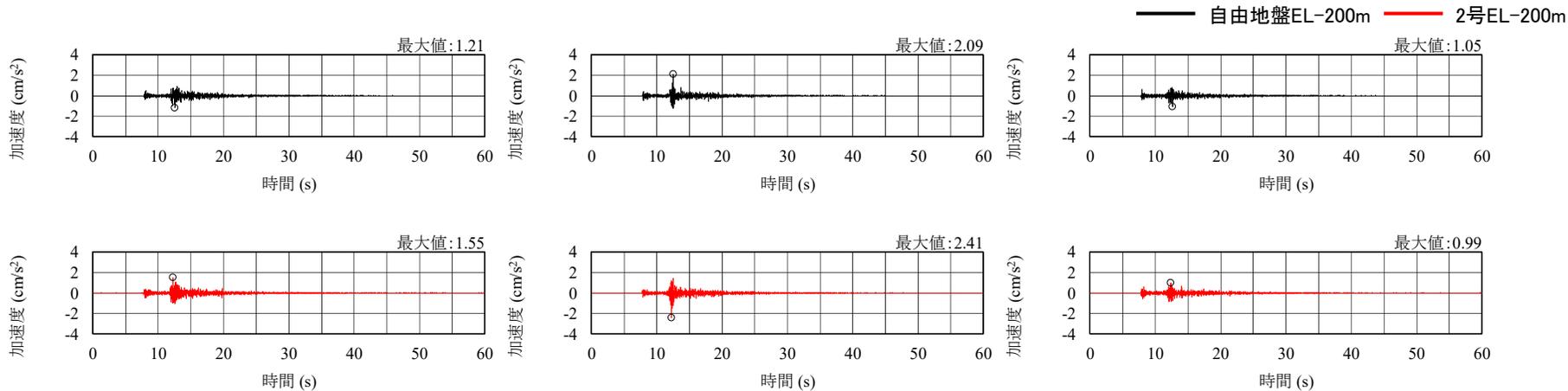


EW方向  
擬似速度応答スペクトル



UD方向

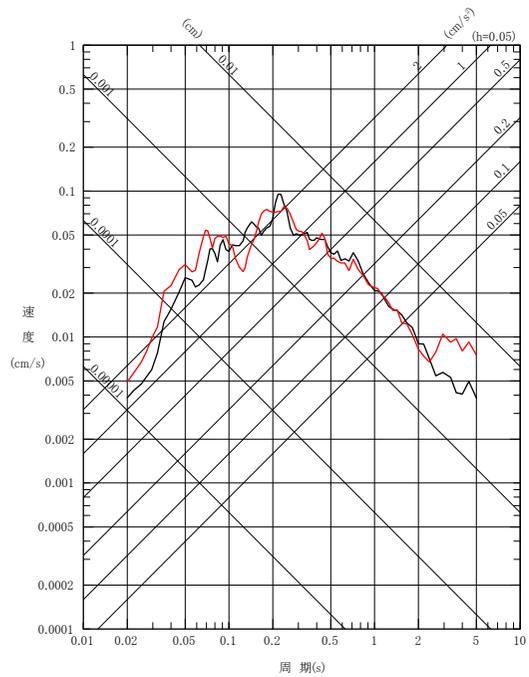
# No.80



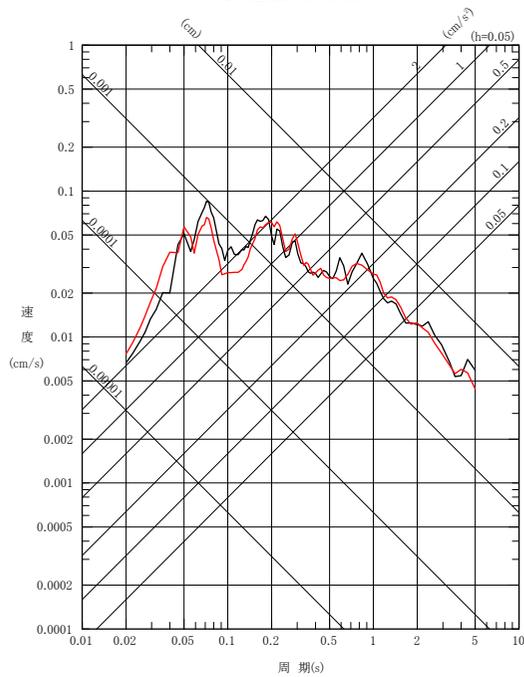
NS方向

EW方向  
加速度時刻歴波形

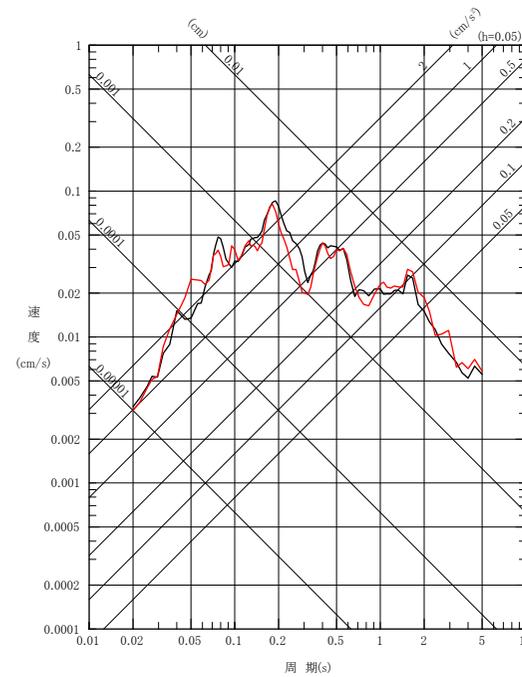
UD方向



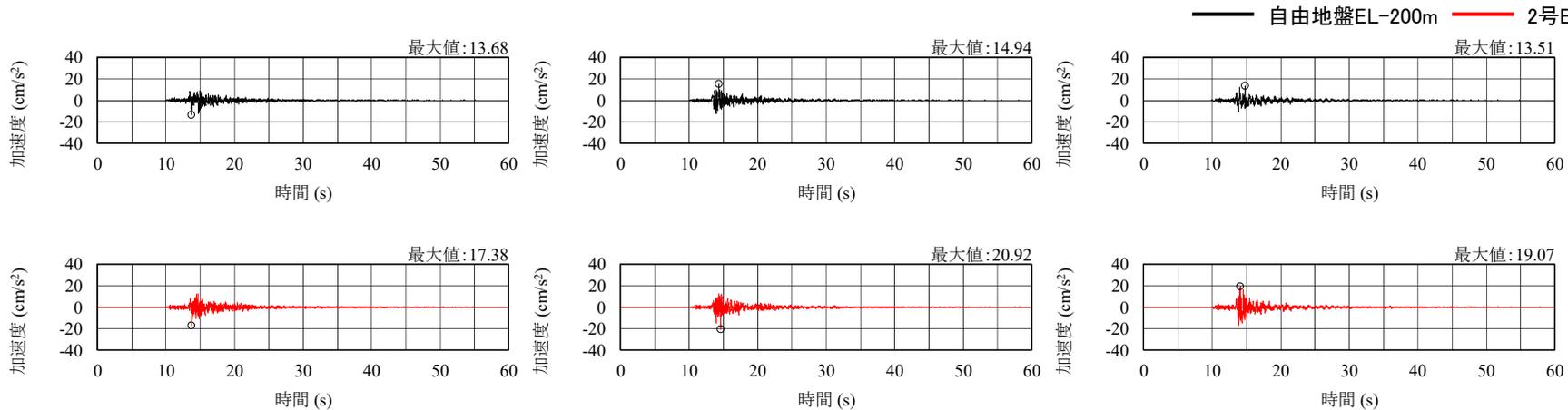
NS方向



EW方向  
擬似速度応答スペクトル



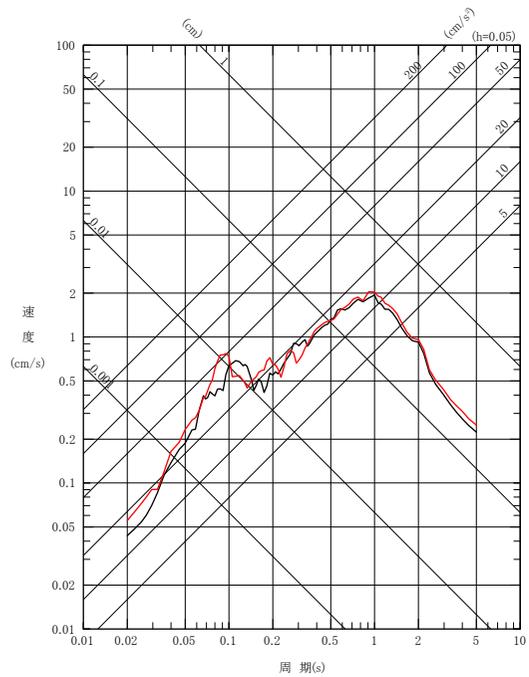
UD方向



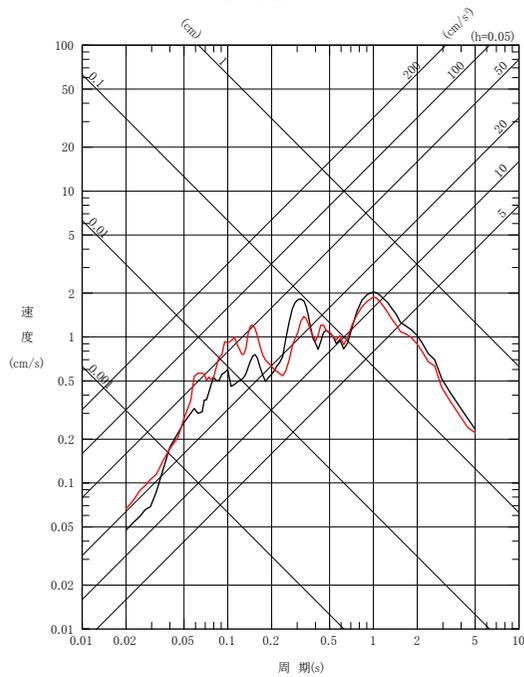
NS方向

EW方向  
加速度時刻歴波形

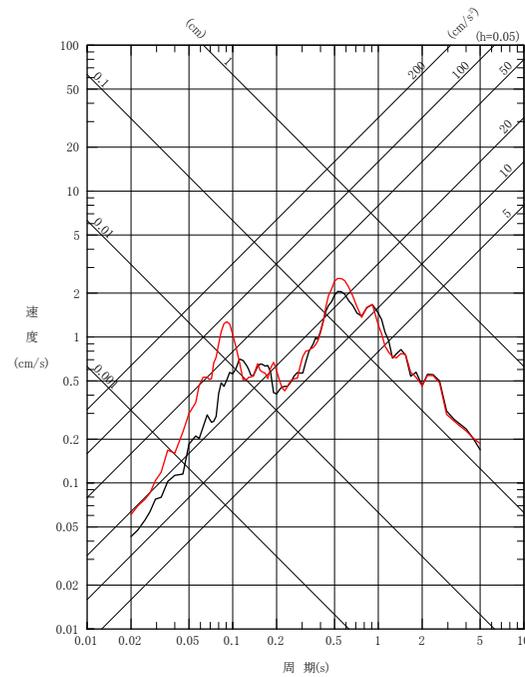
UD方向



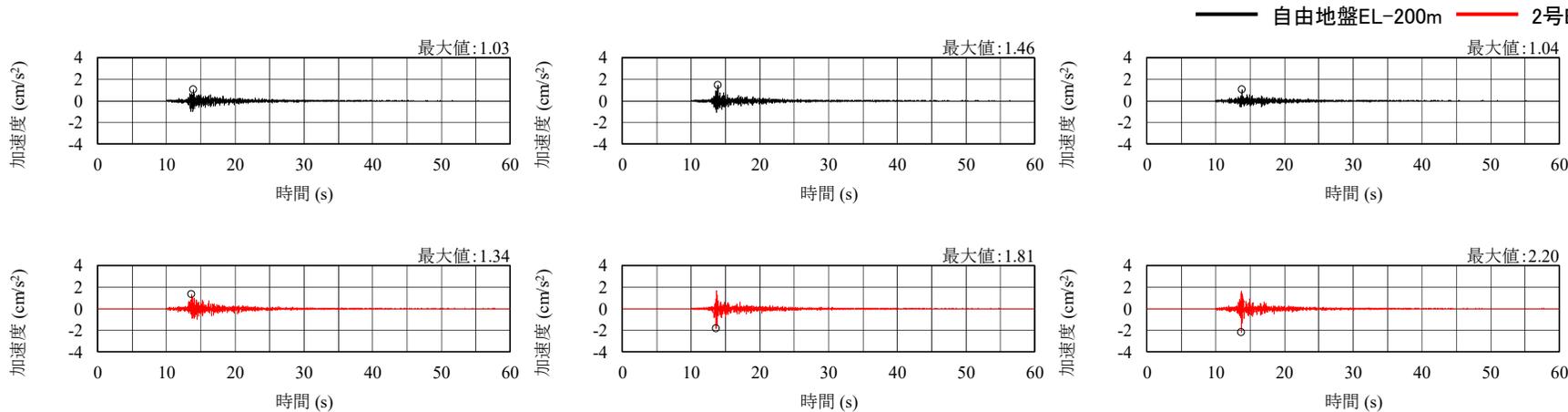
NS方向



EW方向  
擬似速度応答スペクトル



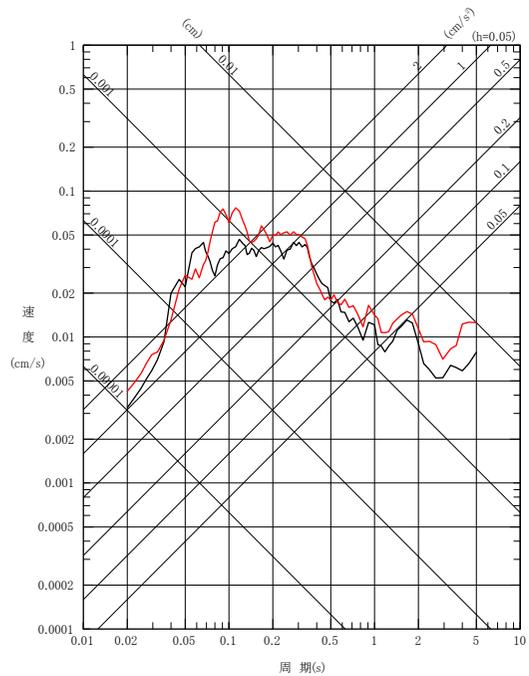
UD方向



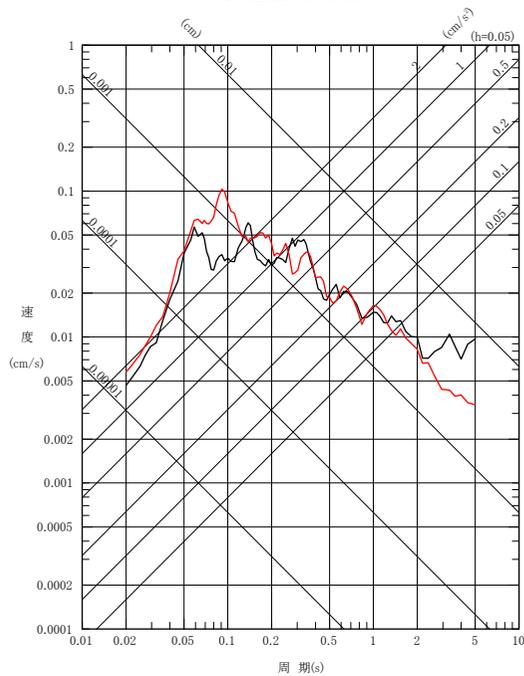
NS方向

EW方向  
加速度時刻歴波形

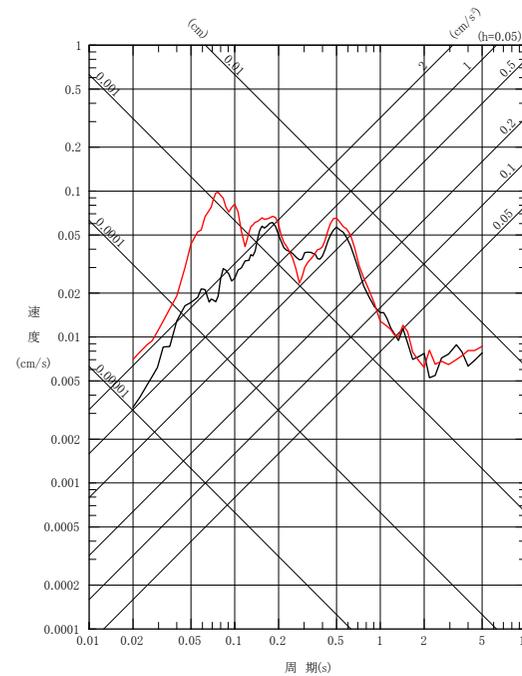
UD方向



NS方向

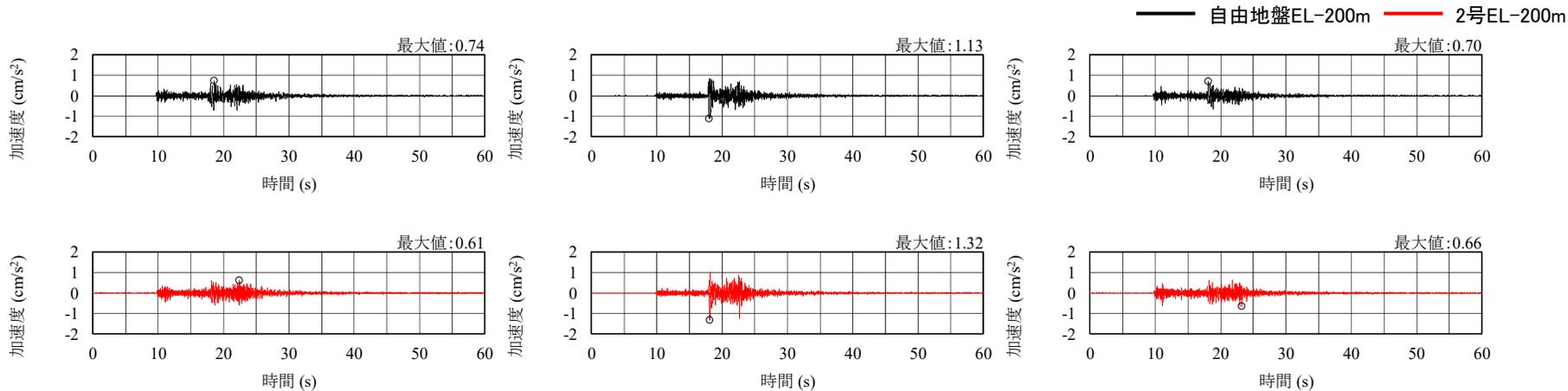


EW方向  
擬似速度応答スペクトル



UD方向

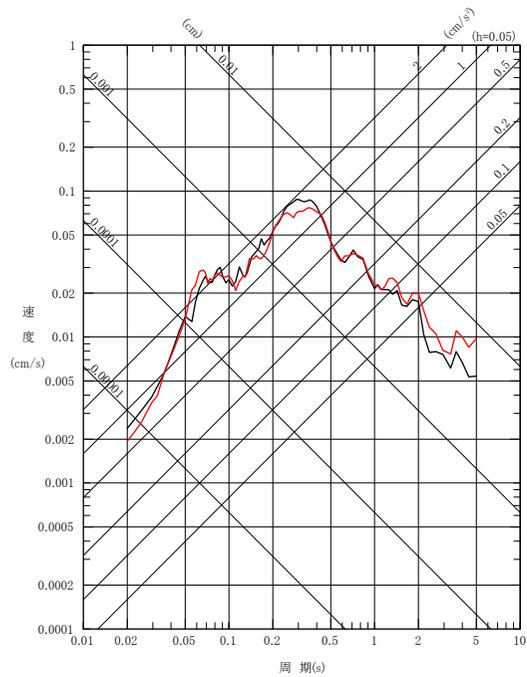
# No.83



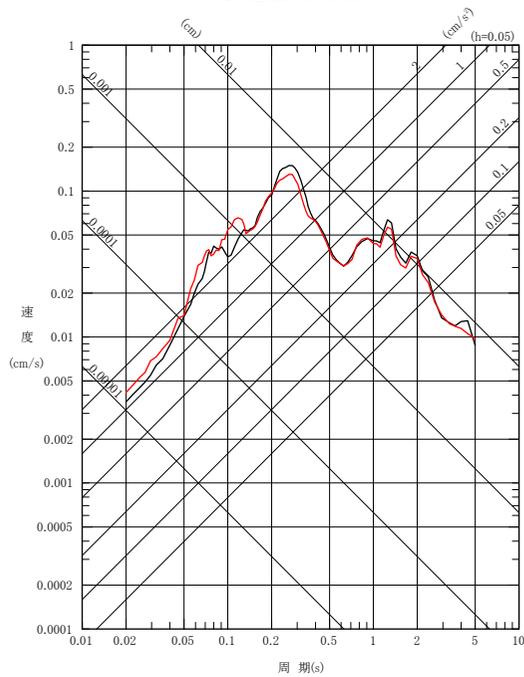
NS方向

EW方向  
加速度時刻歴波形

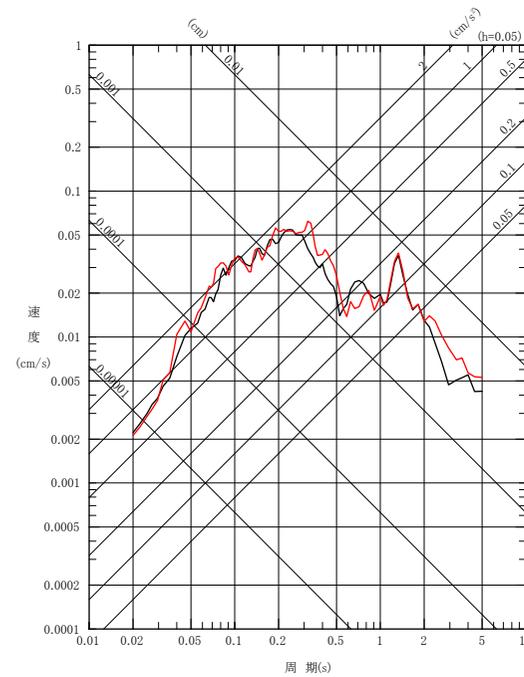
UD方向



NS方向

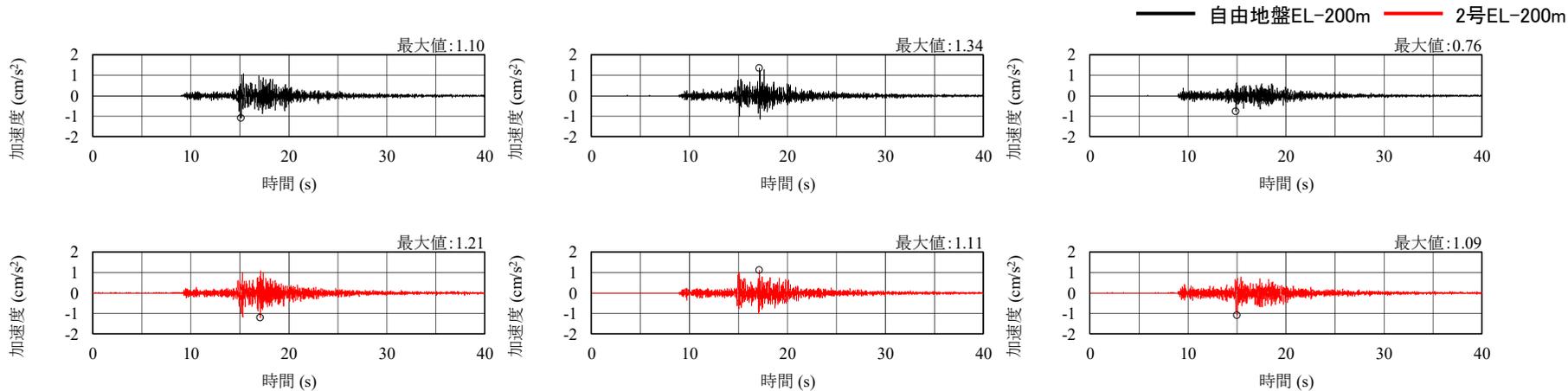


EW方向  
擬似速度応答スペクトル



UD方向

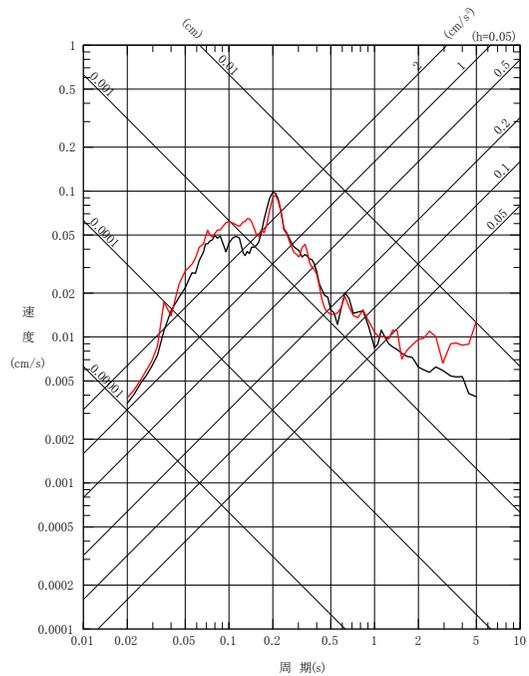
# No.84



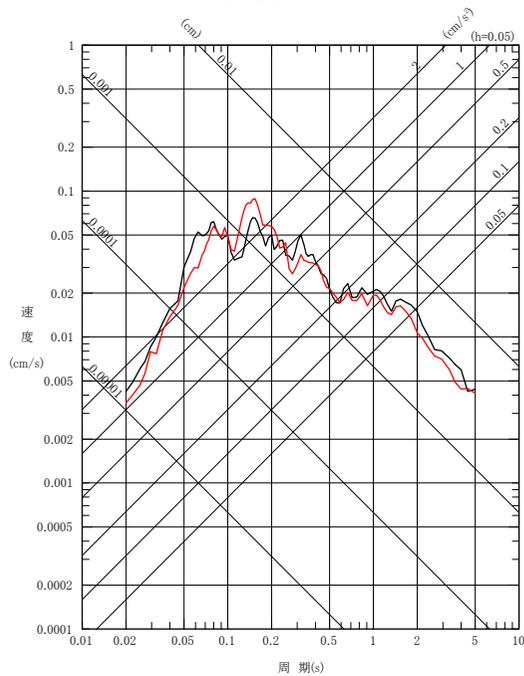
NS方向

EW方向  
加速度時刻歴波形

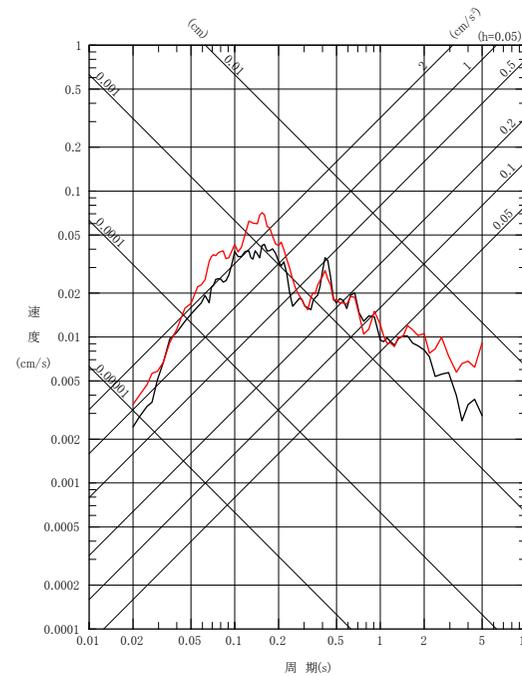
UD方向



NS方向

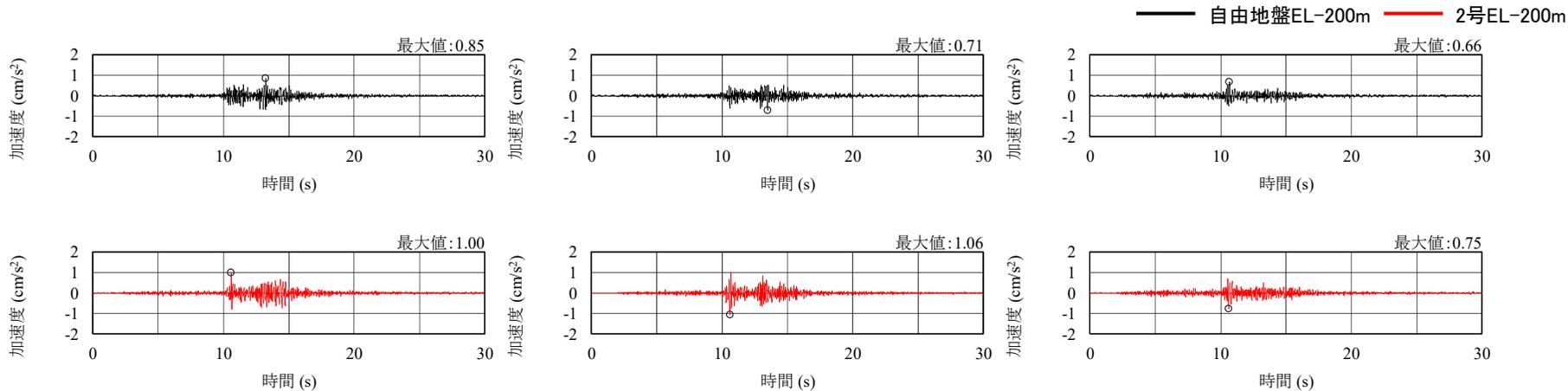


EW方向  
擬似速度応答スペクトル



UD方向

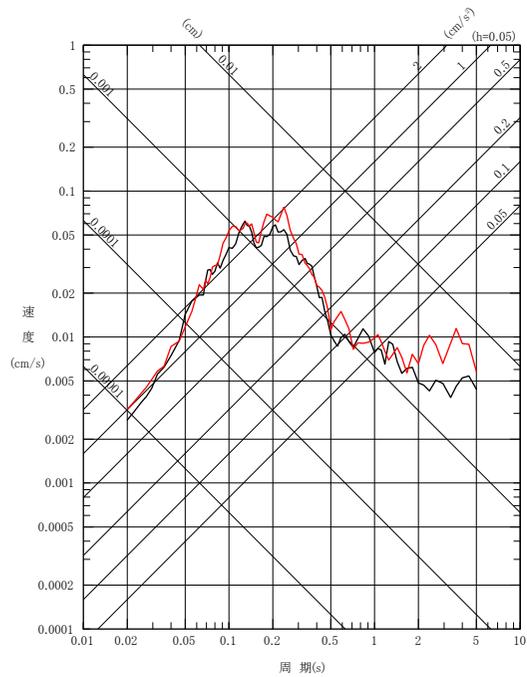
# No.85



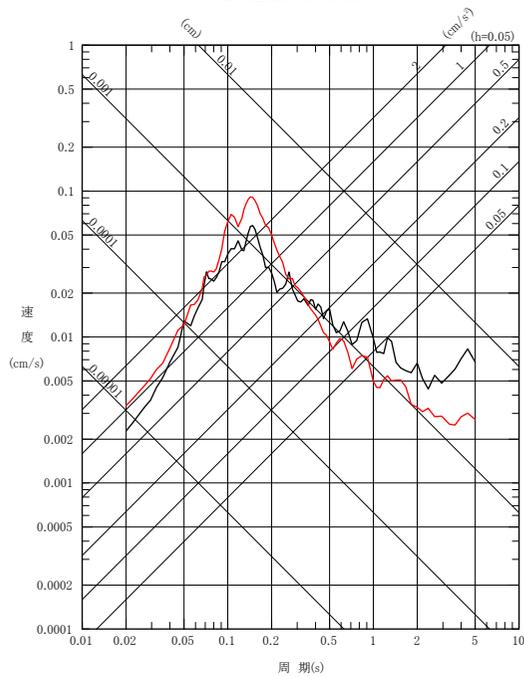
NS方向

EW方向  
加速度時刻歴波形

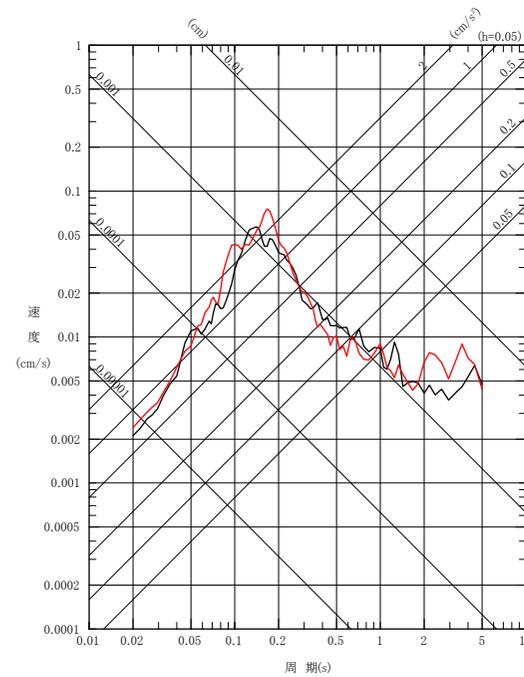
UD方向



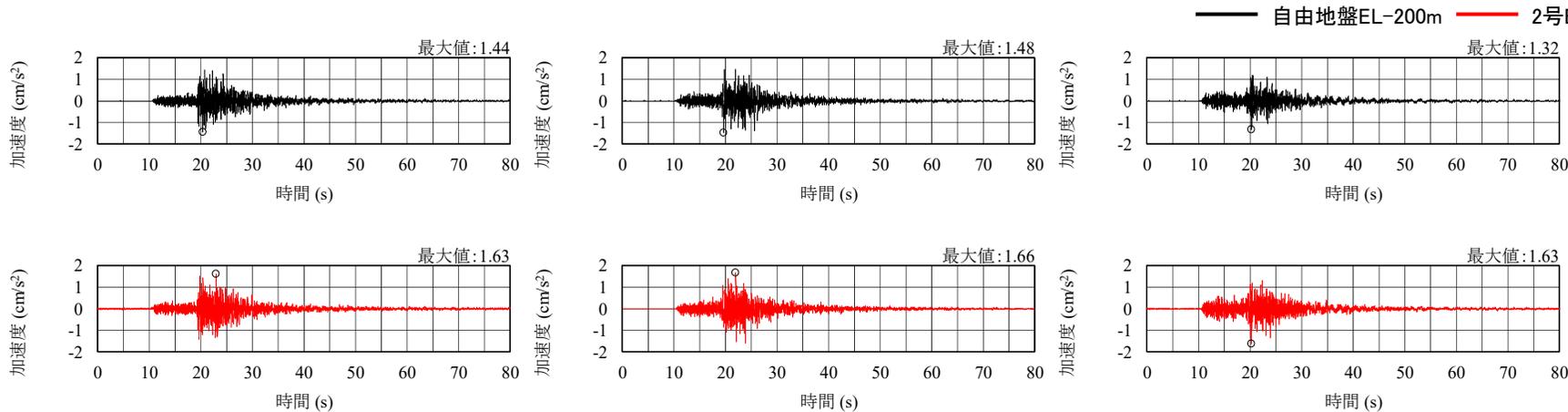
NS方向



EW方向  
擬似速度応答スペクトル



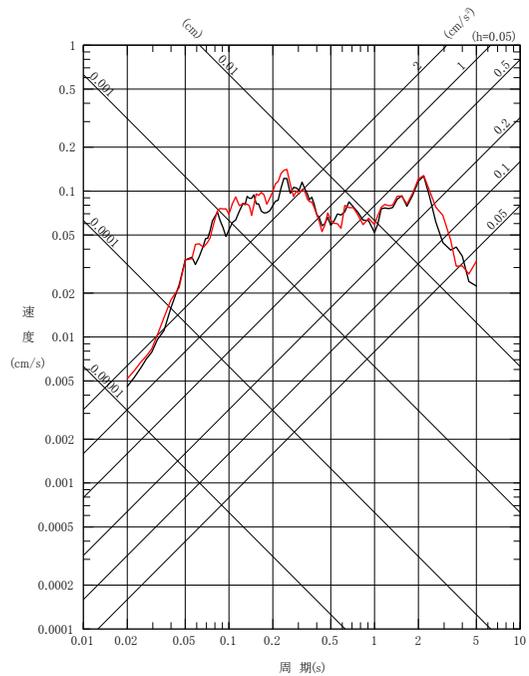
UD方向



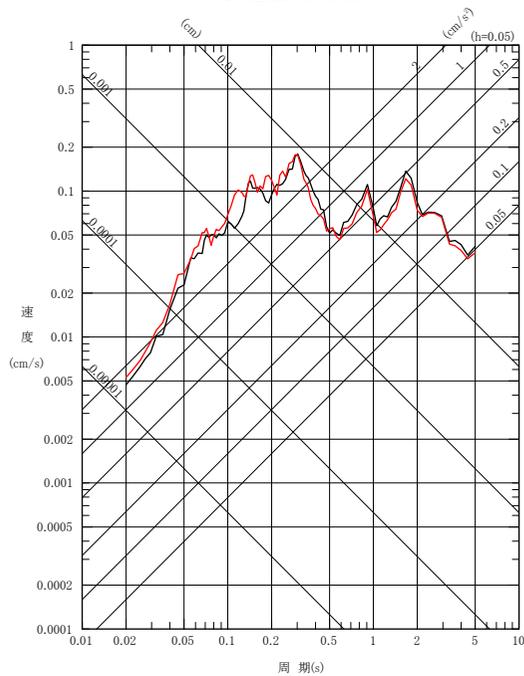
NS方向

EW方向  
加速度時刻歴波形

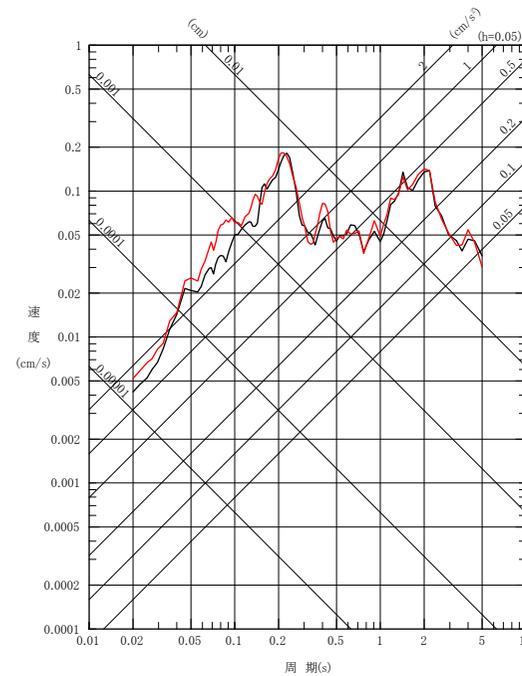
UD方向



NS方向

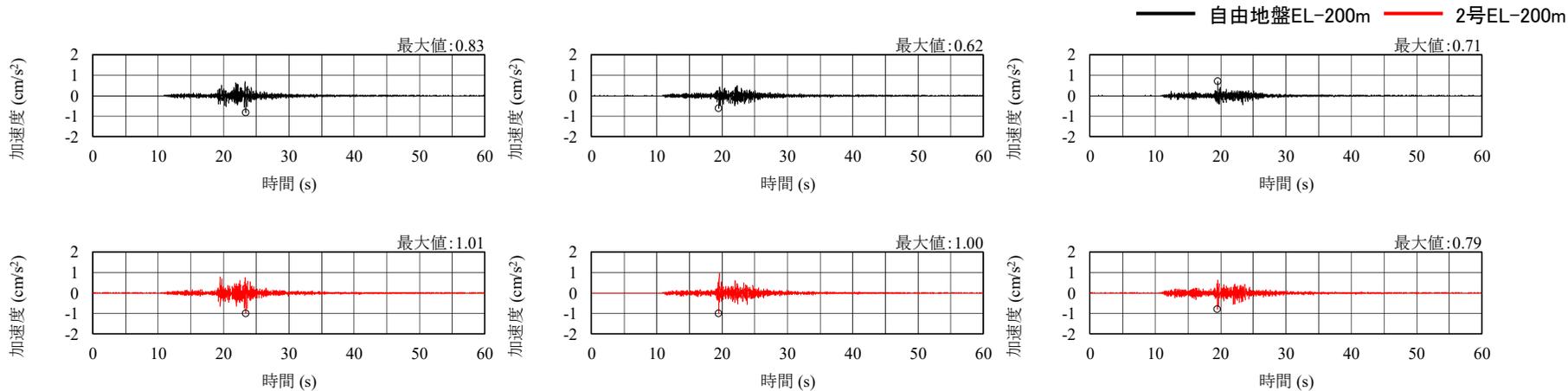


EW方向  
擬似速度応答スペクトル



UD方向

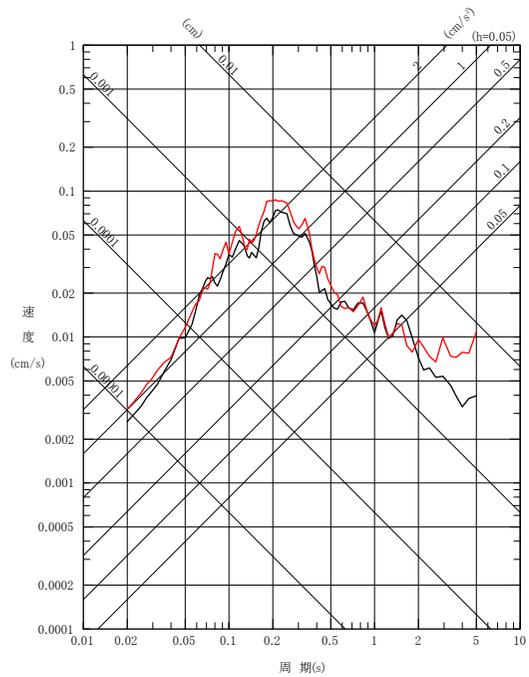
# No.87



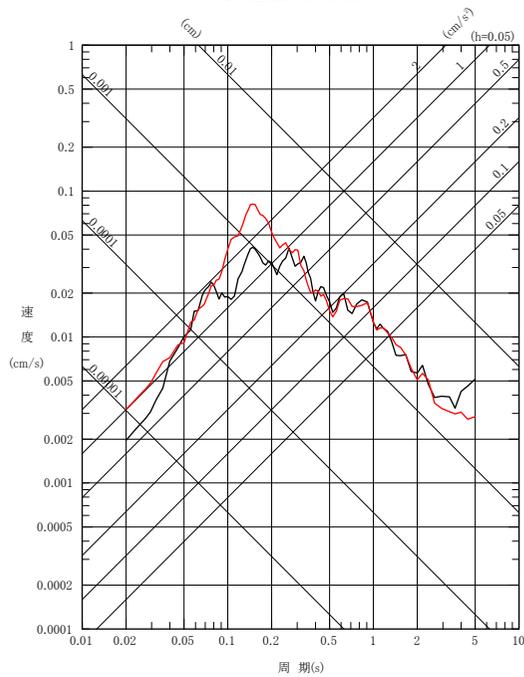
NS方向

EW方向  
加速度時刻歴波形

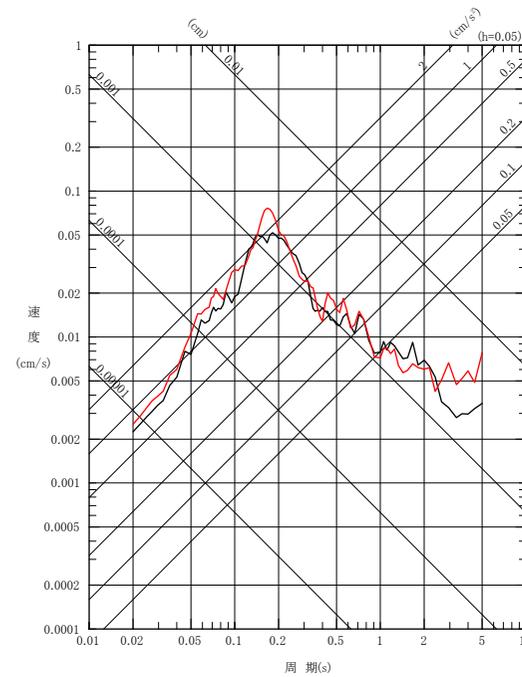
UD方向



NS方向

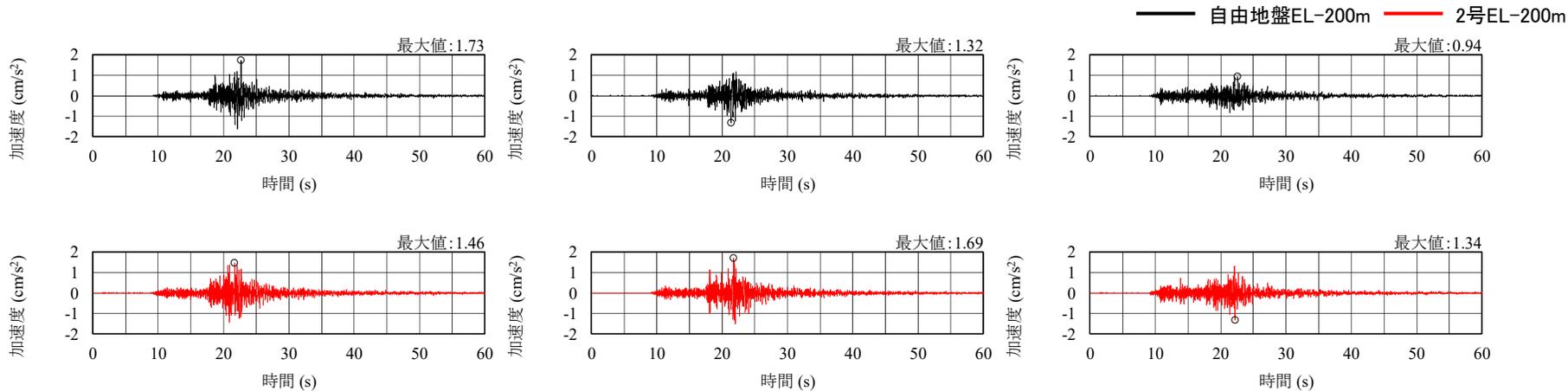


EW方向  
擬似速度応答スペクトル



UD方向

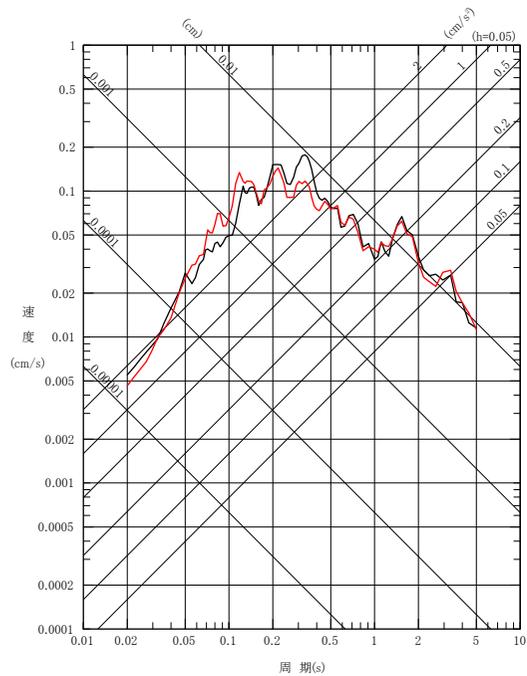
# No.88



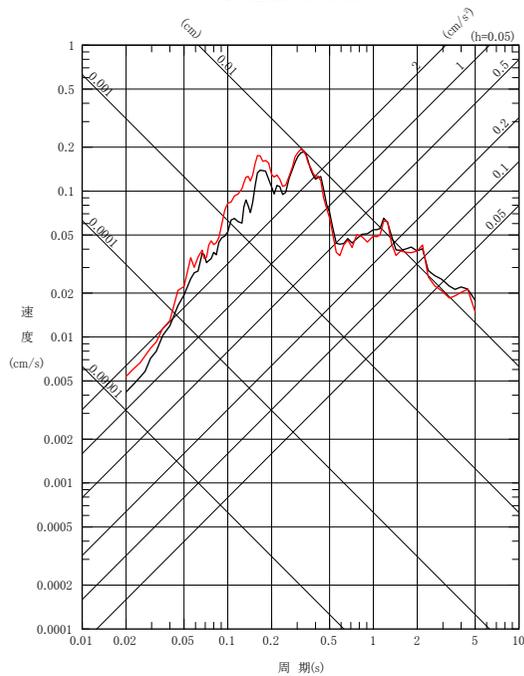
NS方向

EW方向  
加速度時刻歴波形

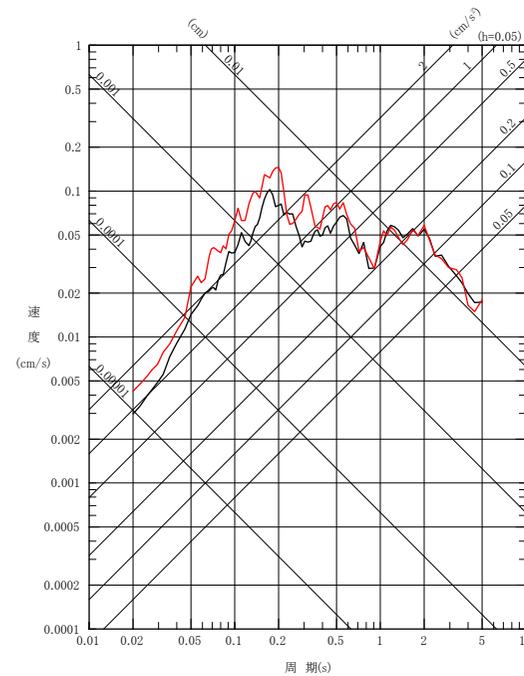
UD方向



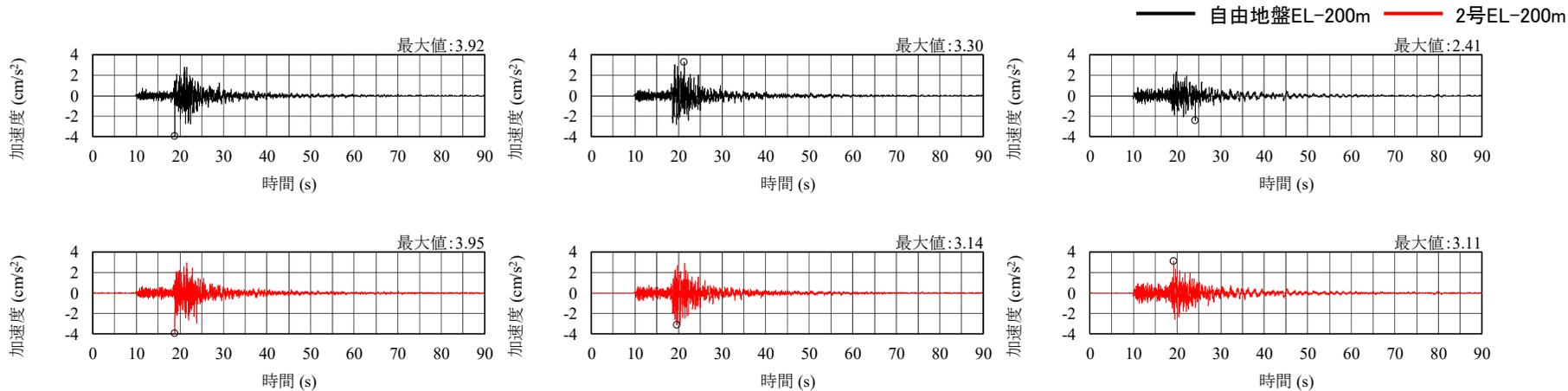
NS方向



EW方向  
擬似速度応答スペクトル



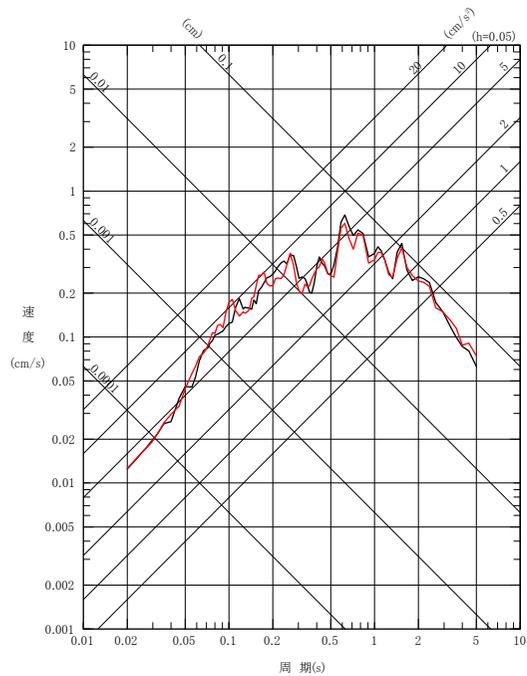
UD方向



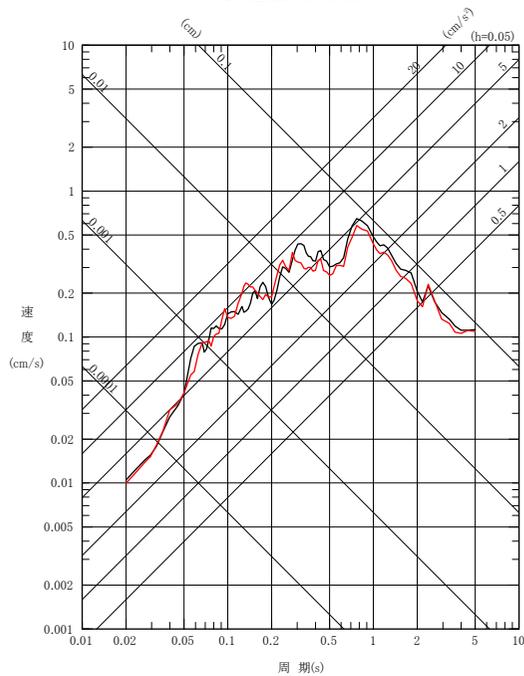
NS方向

EW方向  
加速度時刻歴波形

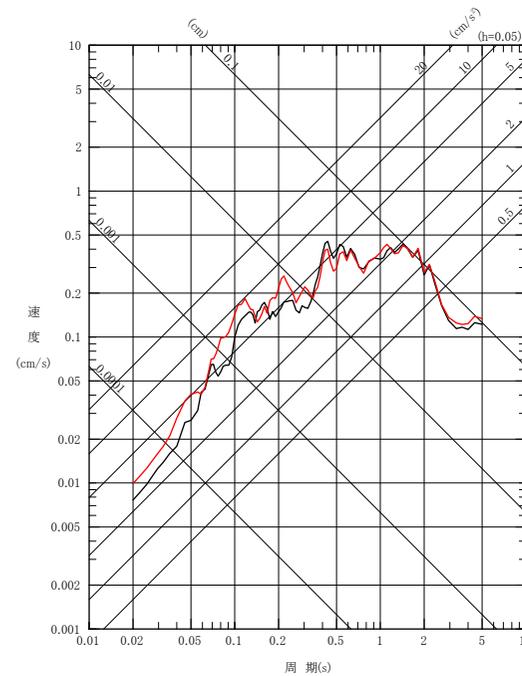
UD方向



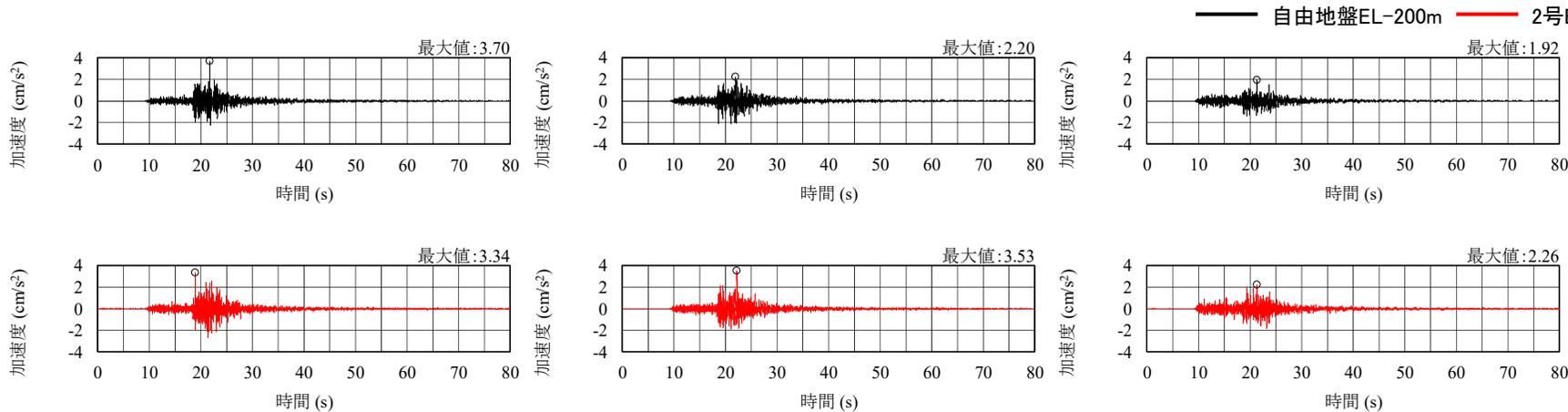
NS方向



EW方向  
擬似速度応答スペクトル



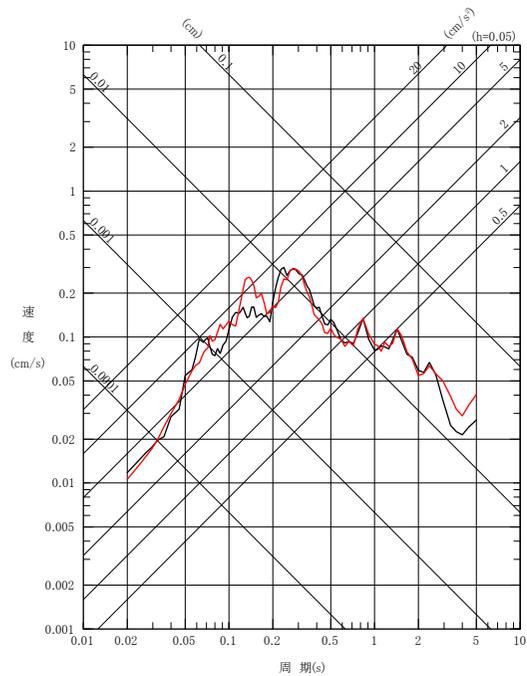
UD方向



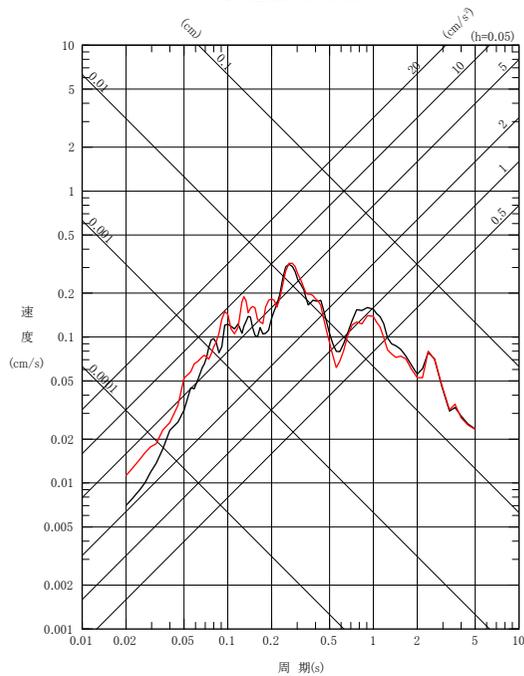
NS方向

EW方向  
加速度時刻歴波形

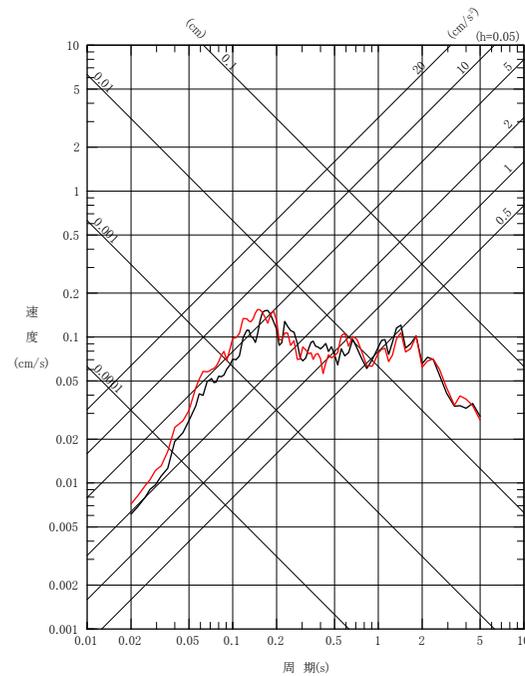
UD方向



NS方向

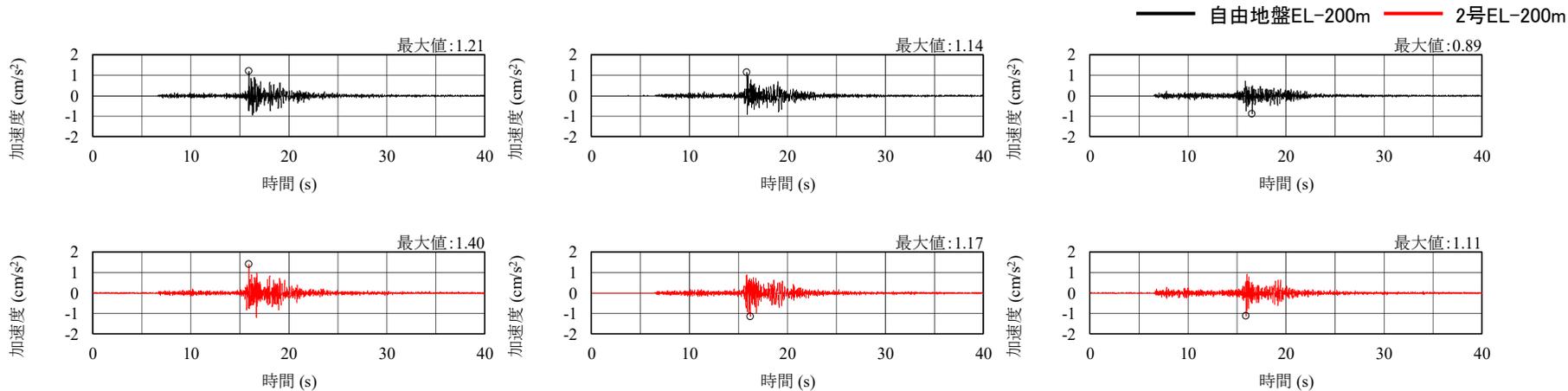


EW方向  
擬似速度応答スペクトル



UD方向

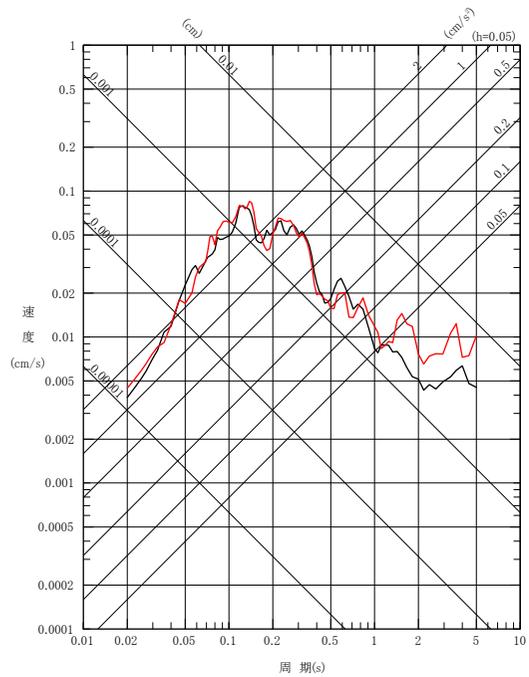
# No.91



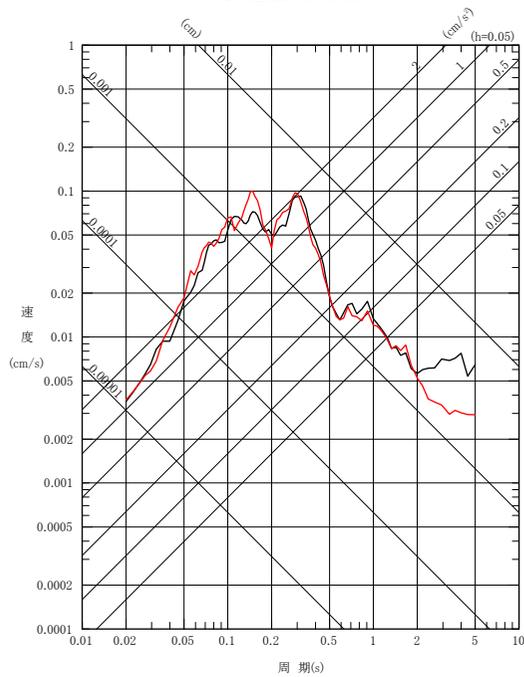
NS方向

EW方向  
加速度時刻歴波形

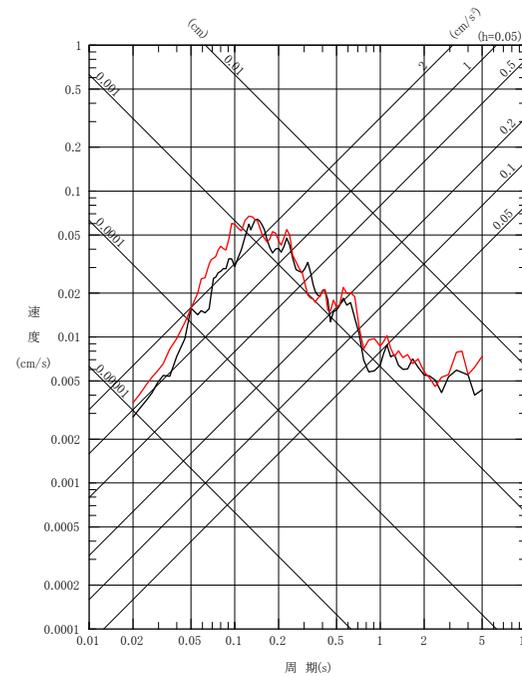
UD方向



NS方向

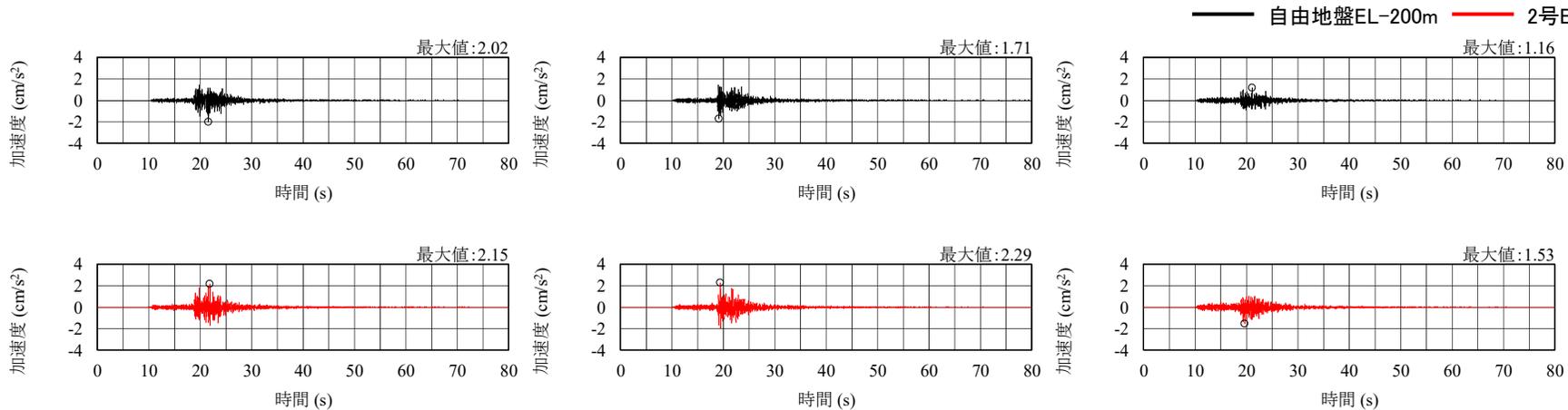


EW方向  
擬似速度応答スペクトル



UD方向

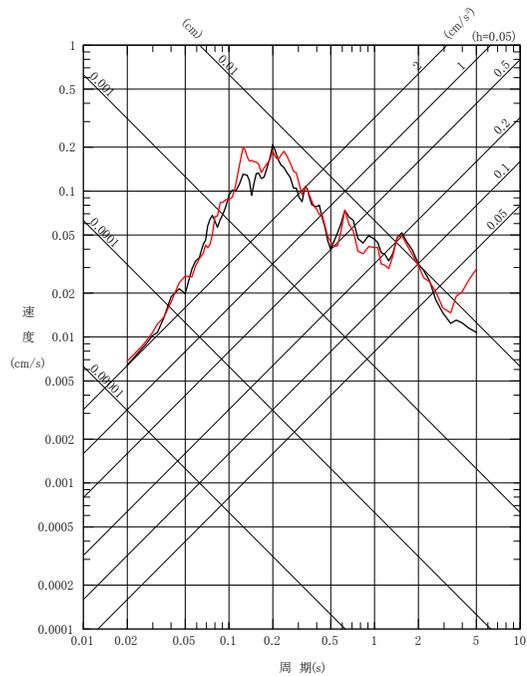
# No.92



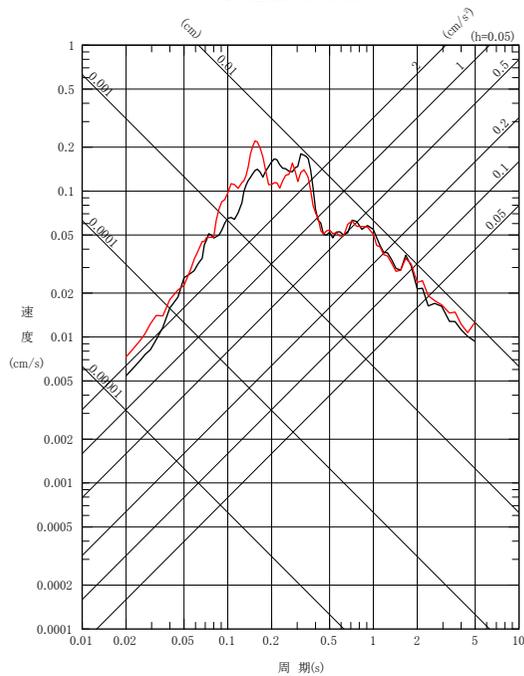
NS方向

EW方向  
加速度時刻歴波形

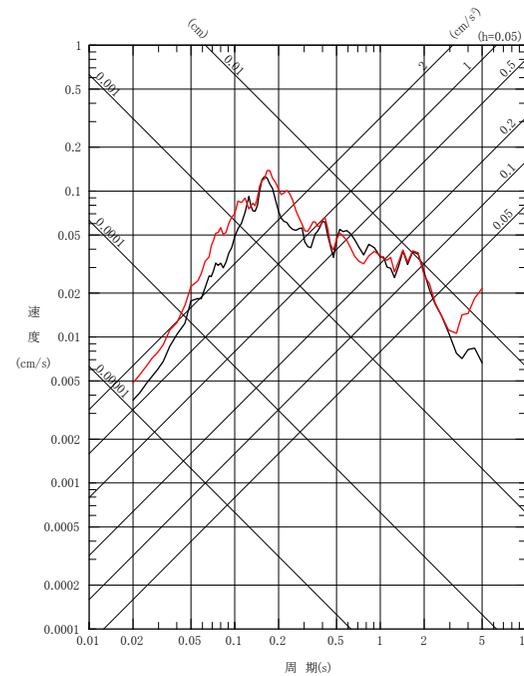
UD方向



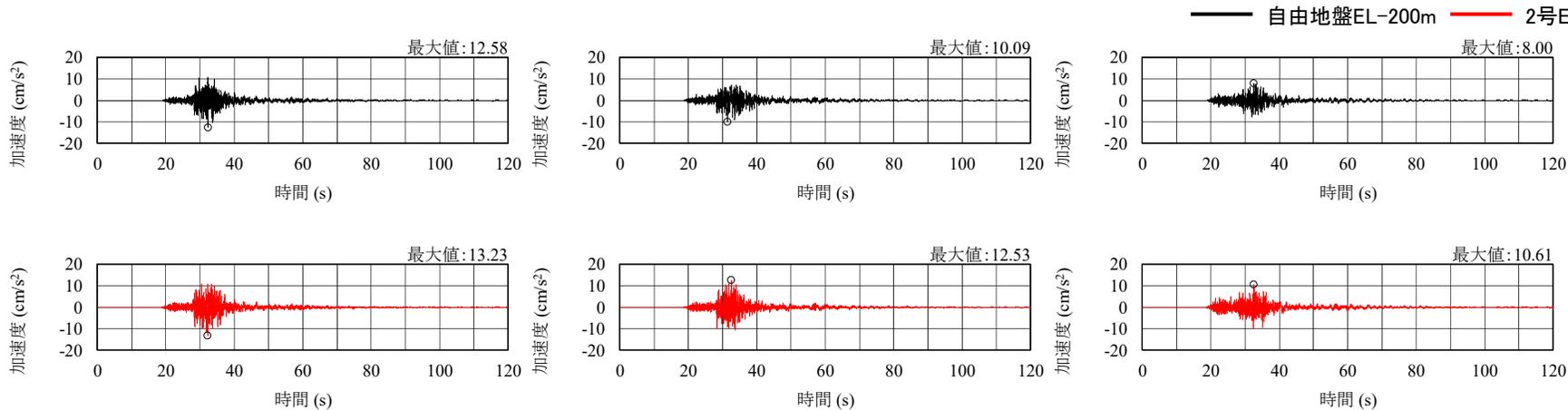
NS方向



EW方向  
擬似速度応答スペクトル



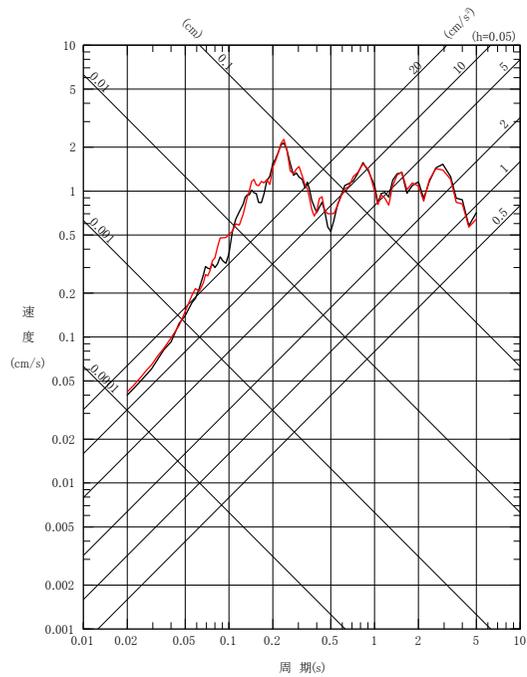
UD方向



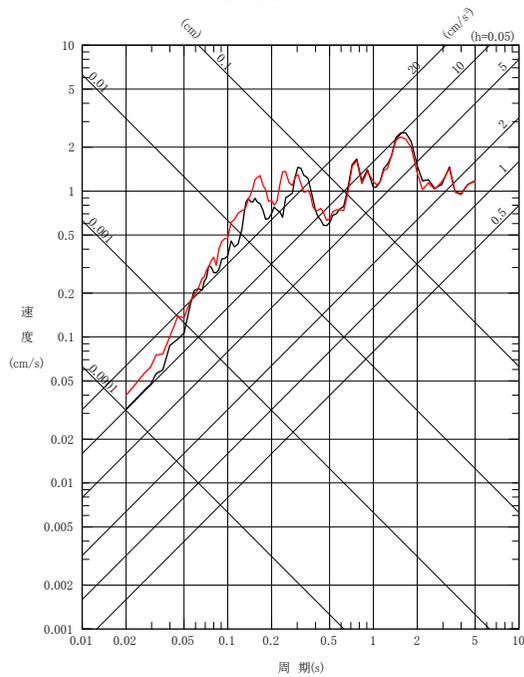
NS方向

EW方向  
加速度時刻歴波形

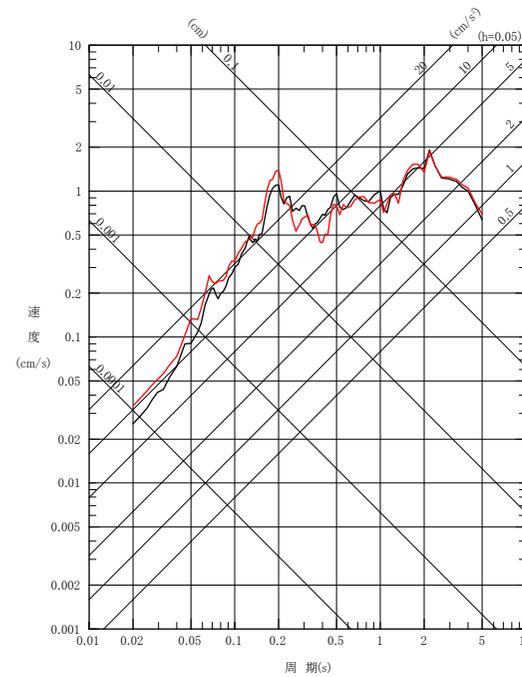
UD方向



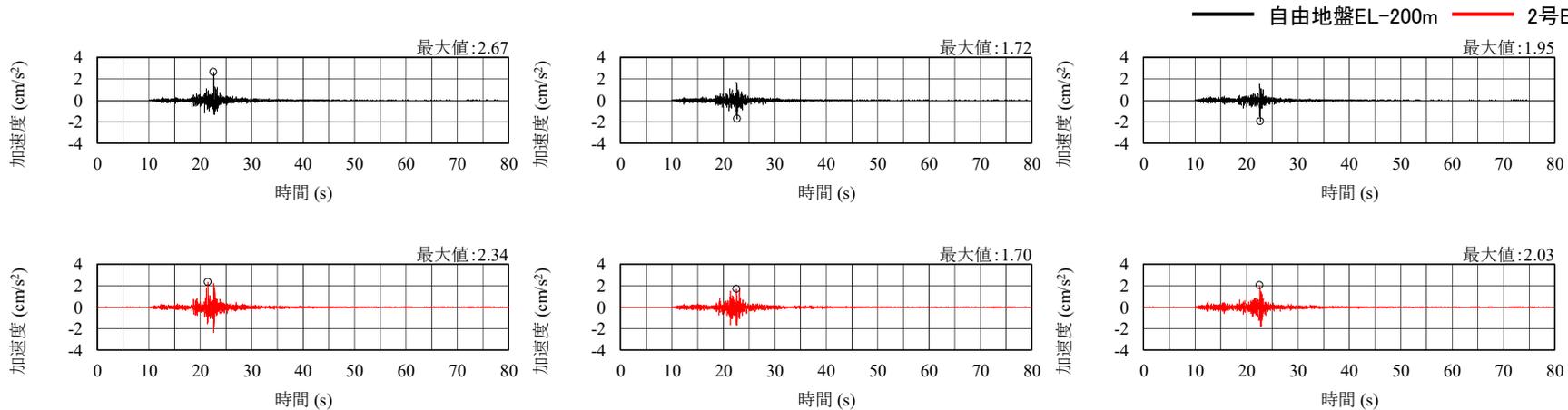
NS方向



EW方向  
擬似速度応答スペクトル



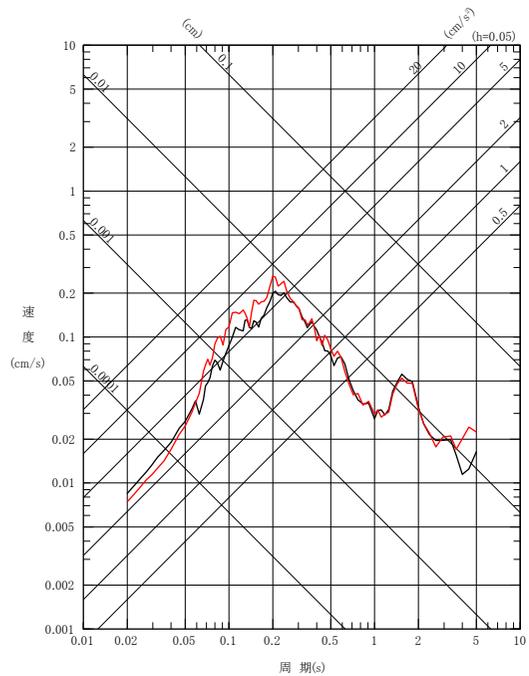
UD方向



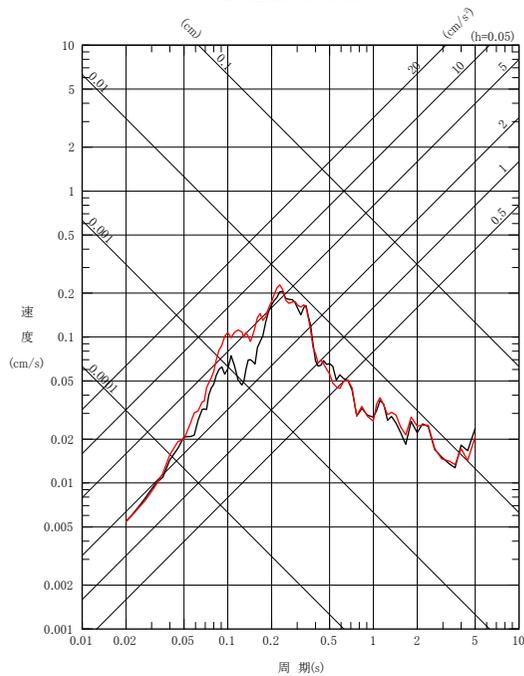
NS方向

EW方向  
加速度時刻歴波形

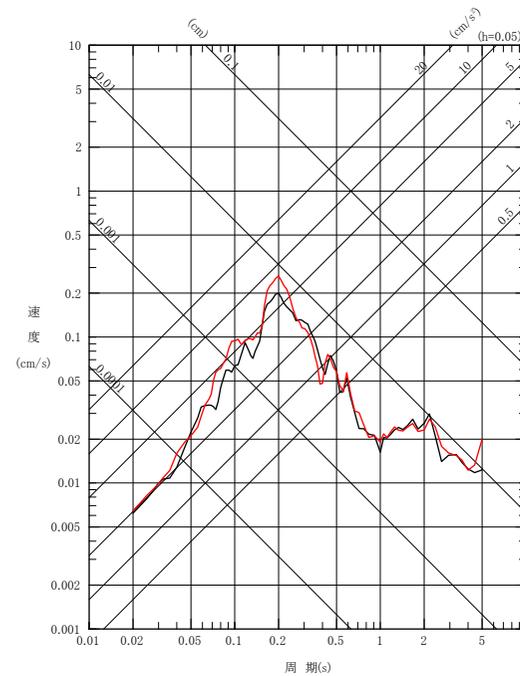
UD方向



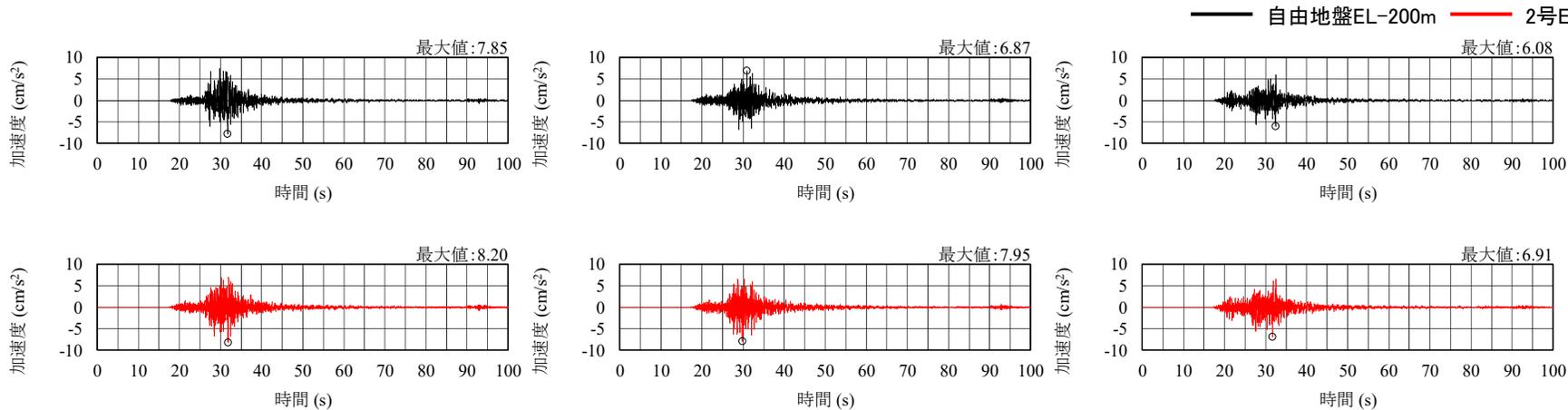
NS方向



EW方向  
擬似速度応答スペクトル



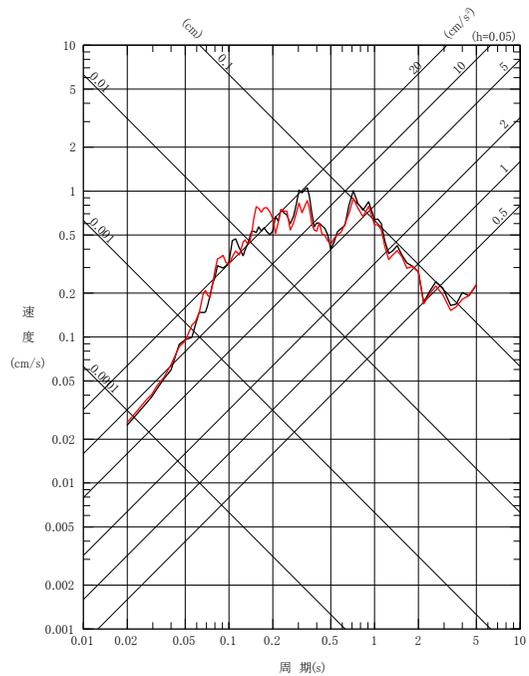
UD方向



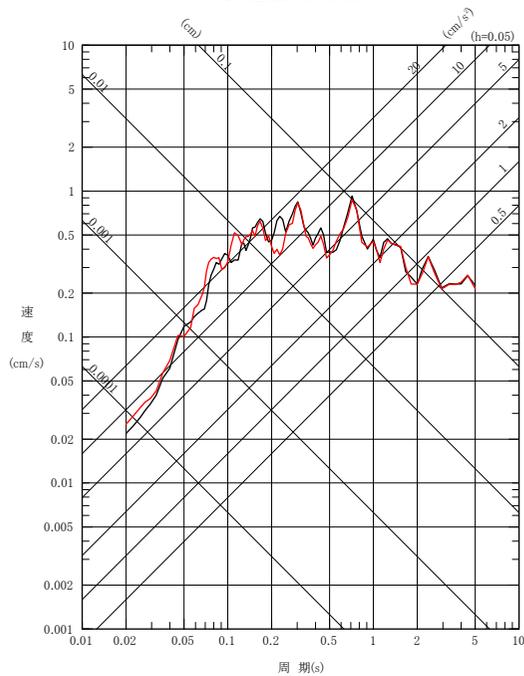
NS方向

EW方向  
加速度時刻歴波形

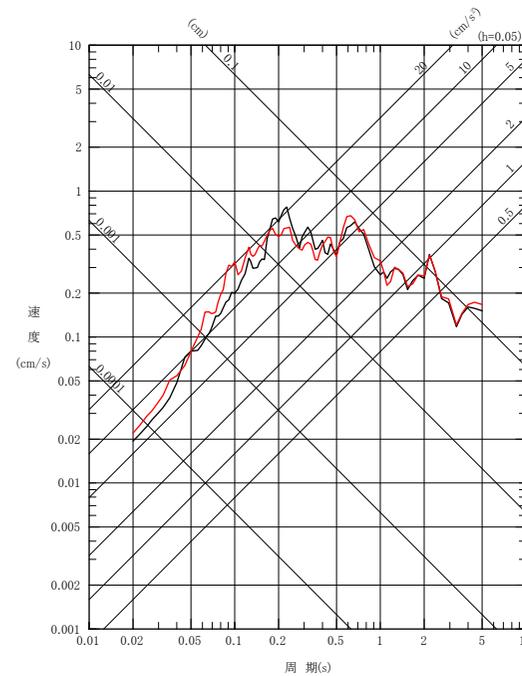
UD方向



NS方向

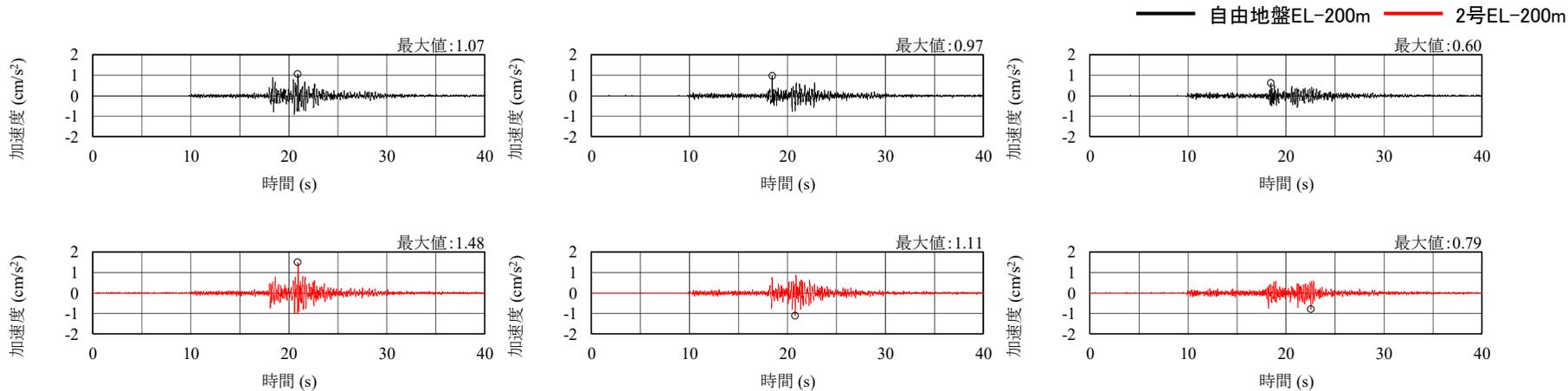


EW方向  
擬似速度応答スペクトル



UD方向

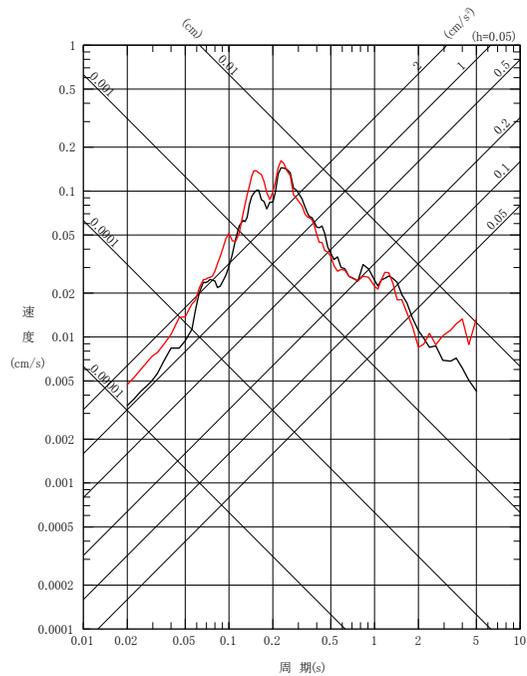
# No.96



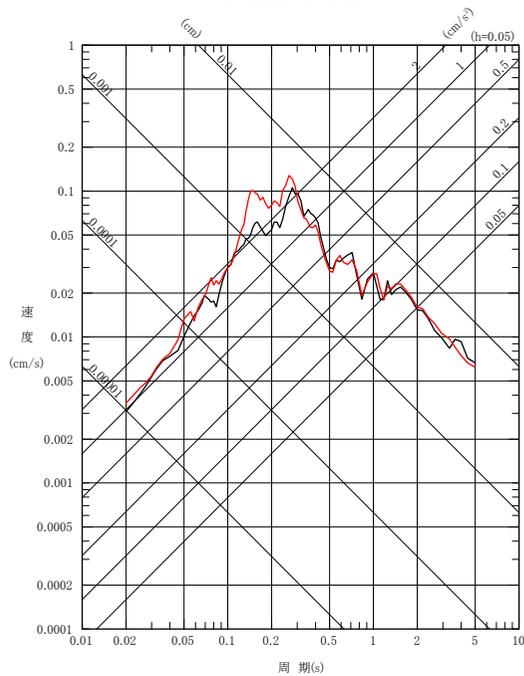
NS方向

EW方向  
加速度時刻歴波形

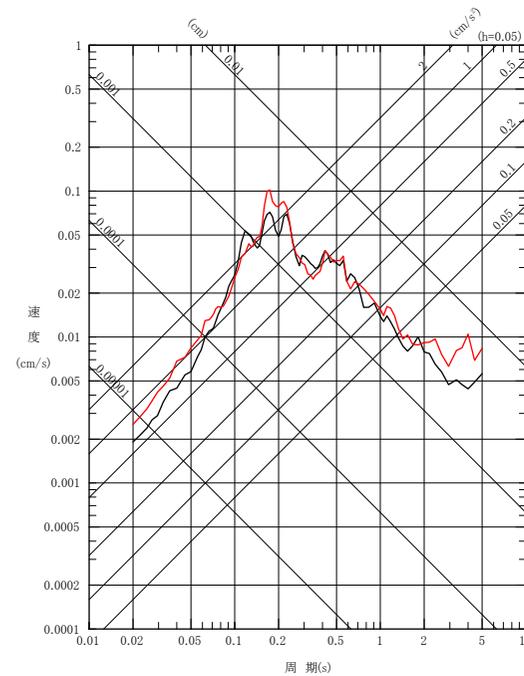
UD方向



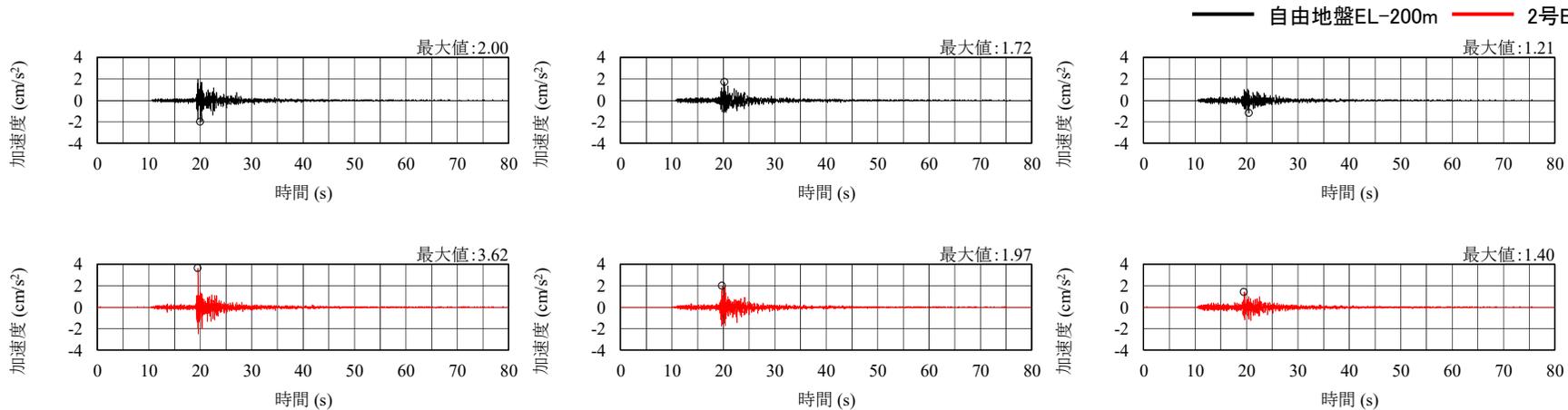
NS方向



EW方向  
擬似速度応答スペクトル



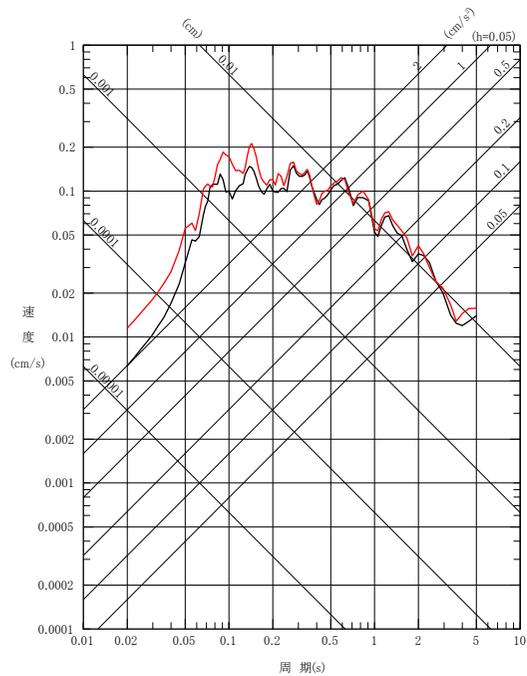
UD方向



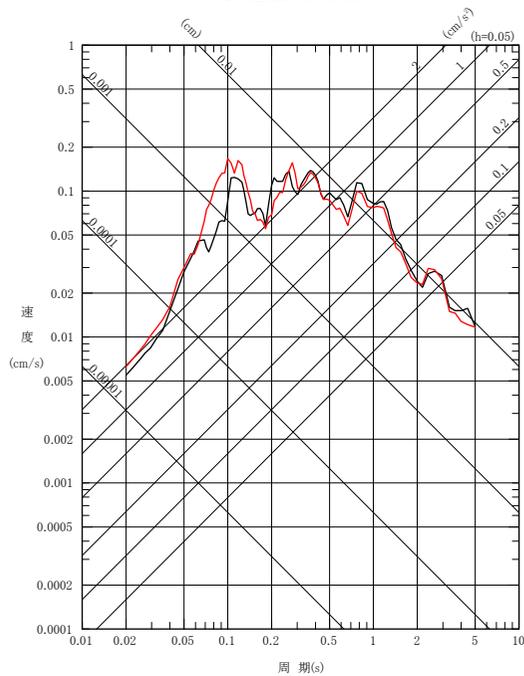
NS方向

EW方向  
加速度時刻歴波形

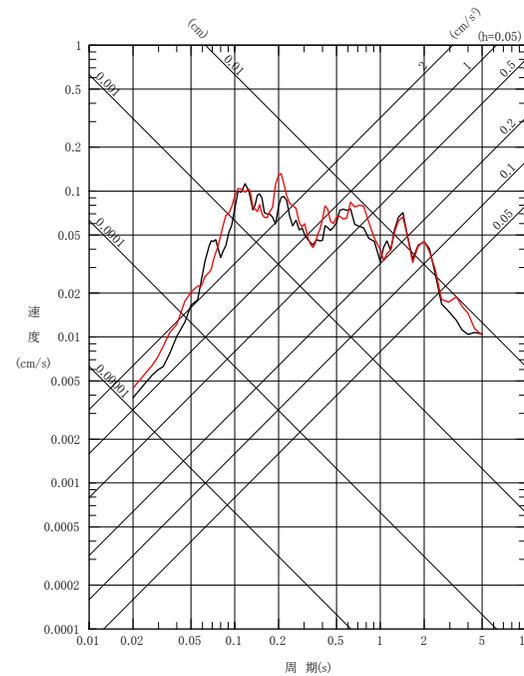
UD方向



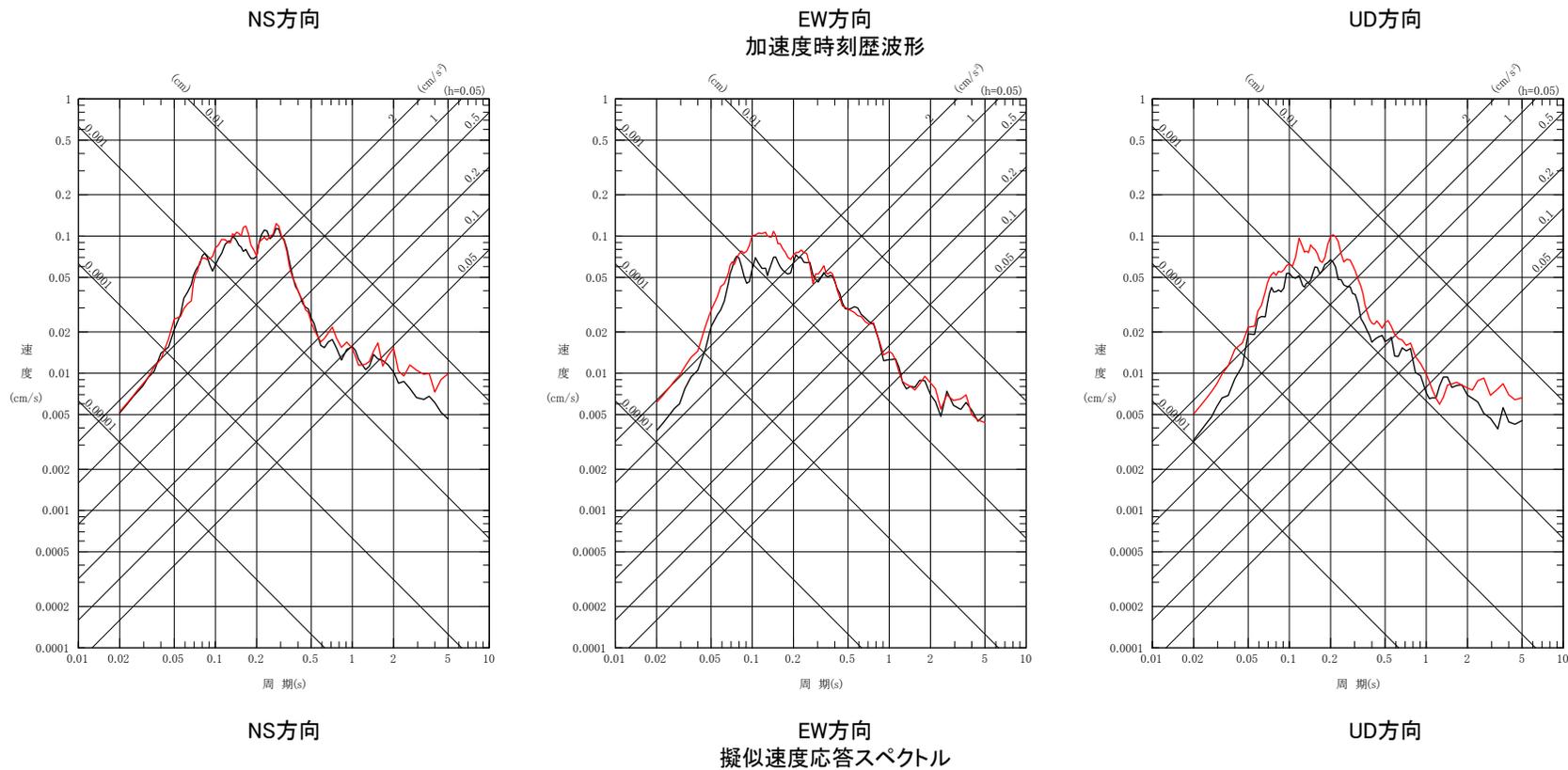
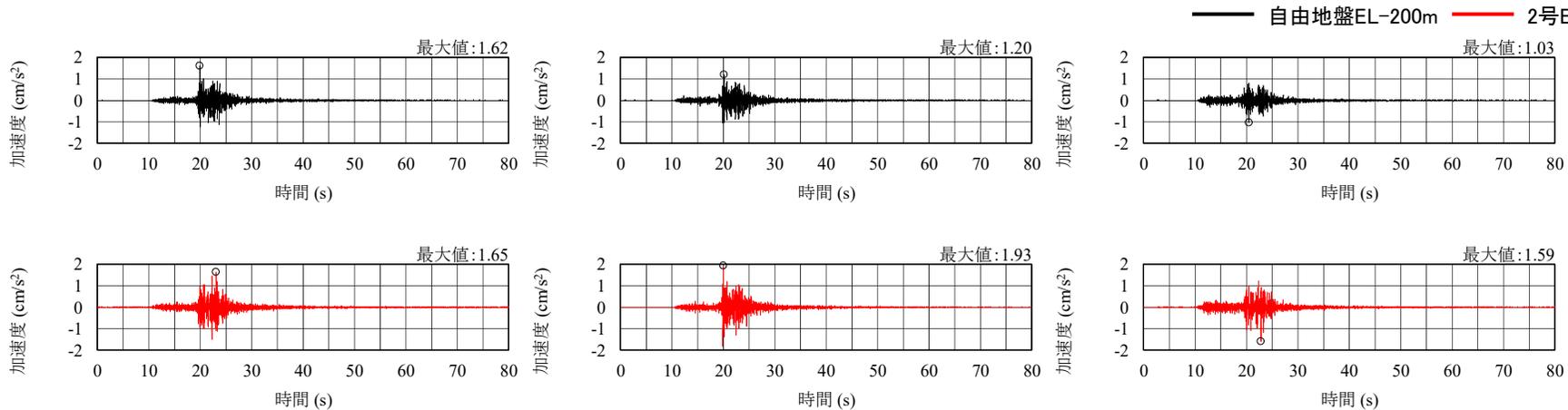
NS方向

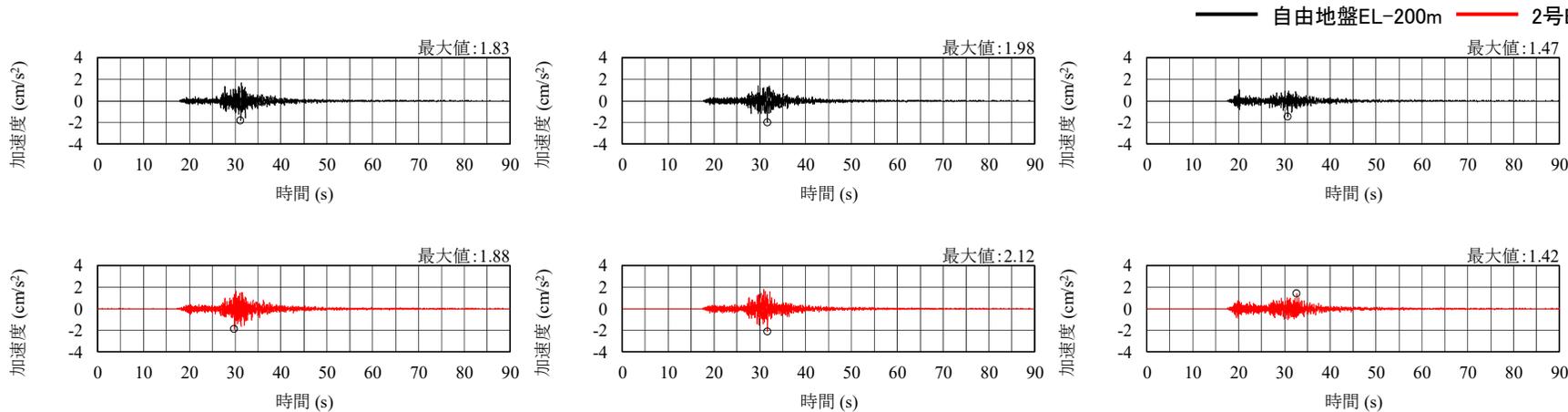


EW方向  
擬似速度応答スペクトル



UD方向

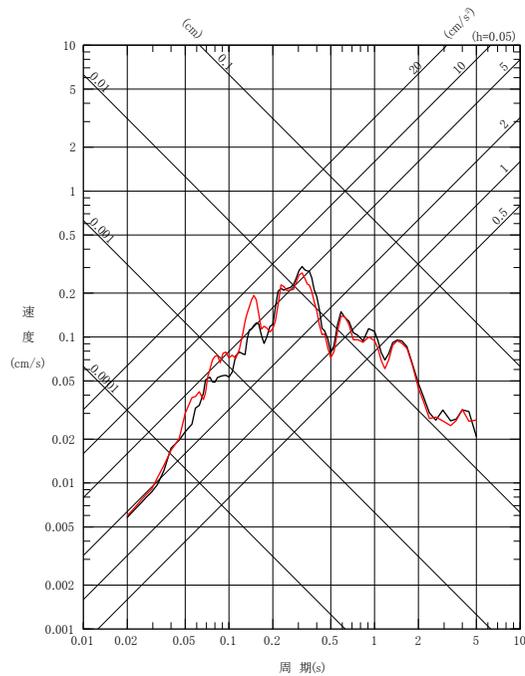




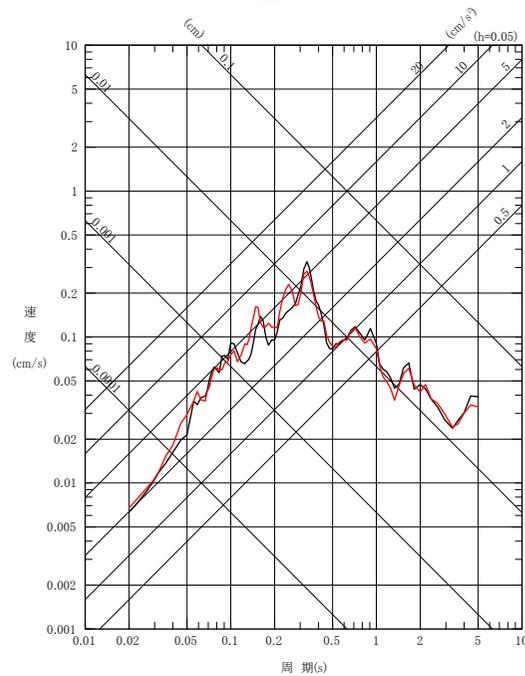
NS方向

EW方向  
加速度時刻歴波形

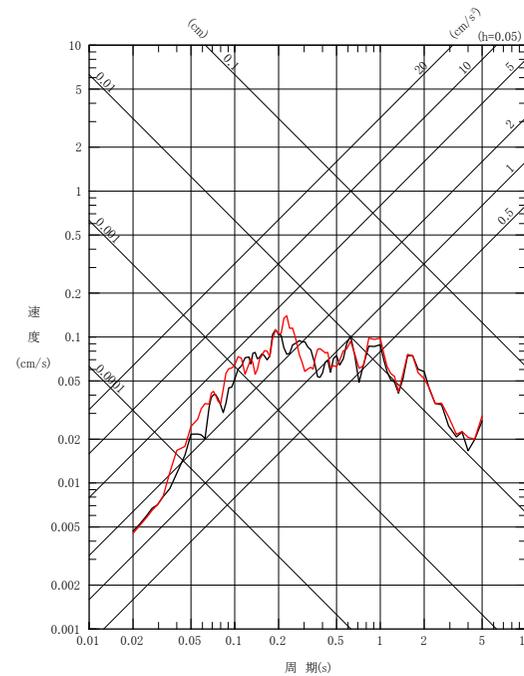
UD方向



NS方向

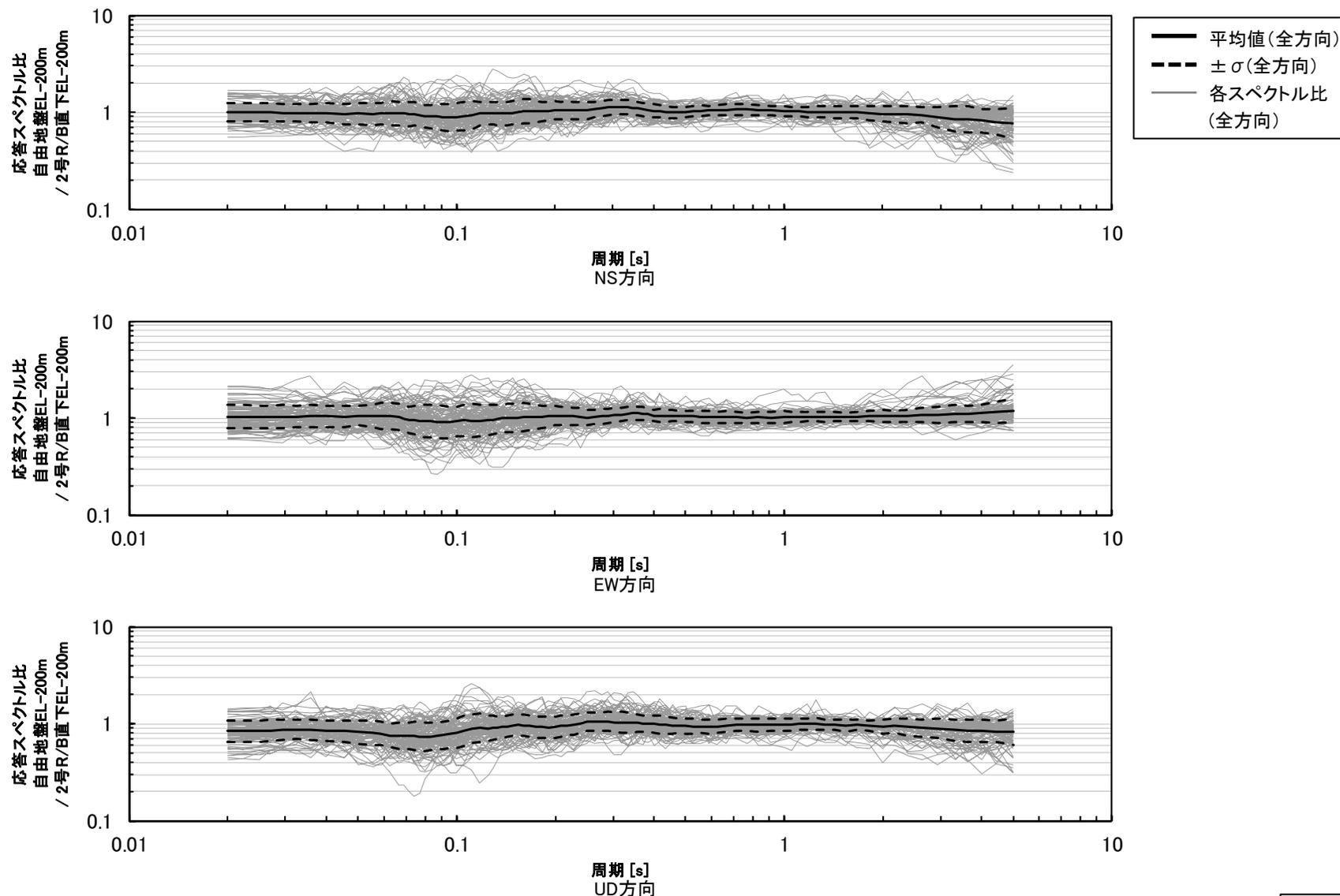


EW方向  
擬似速度応答スペクトル



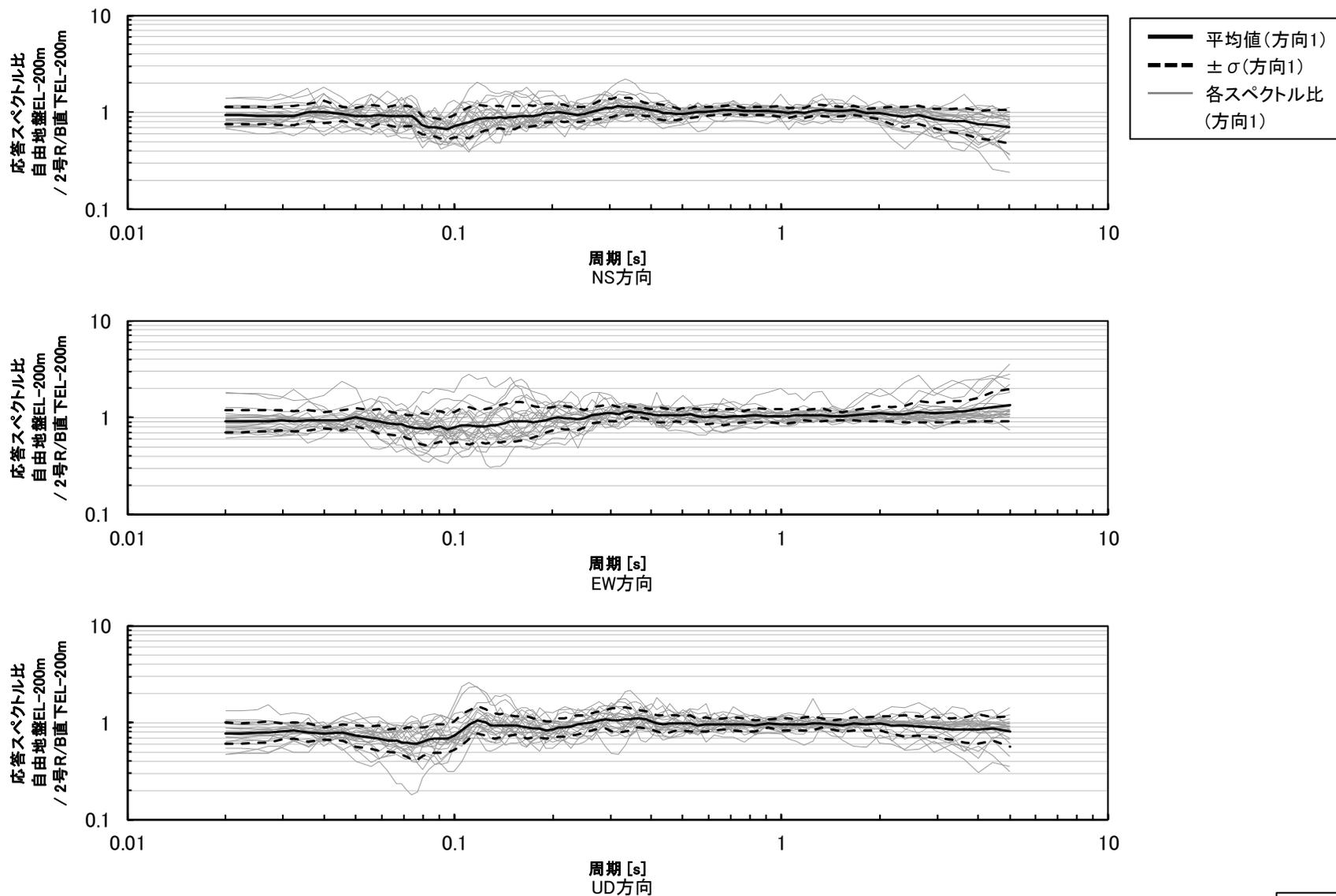
UD方向

全方向 ー自由地盤EL-200m/2号原子炉建屋直下EL-200mー



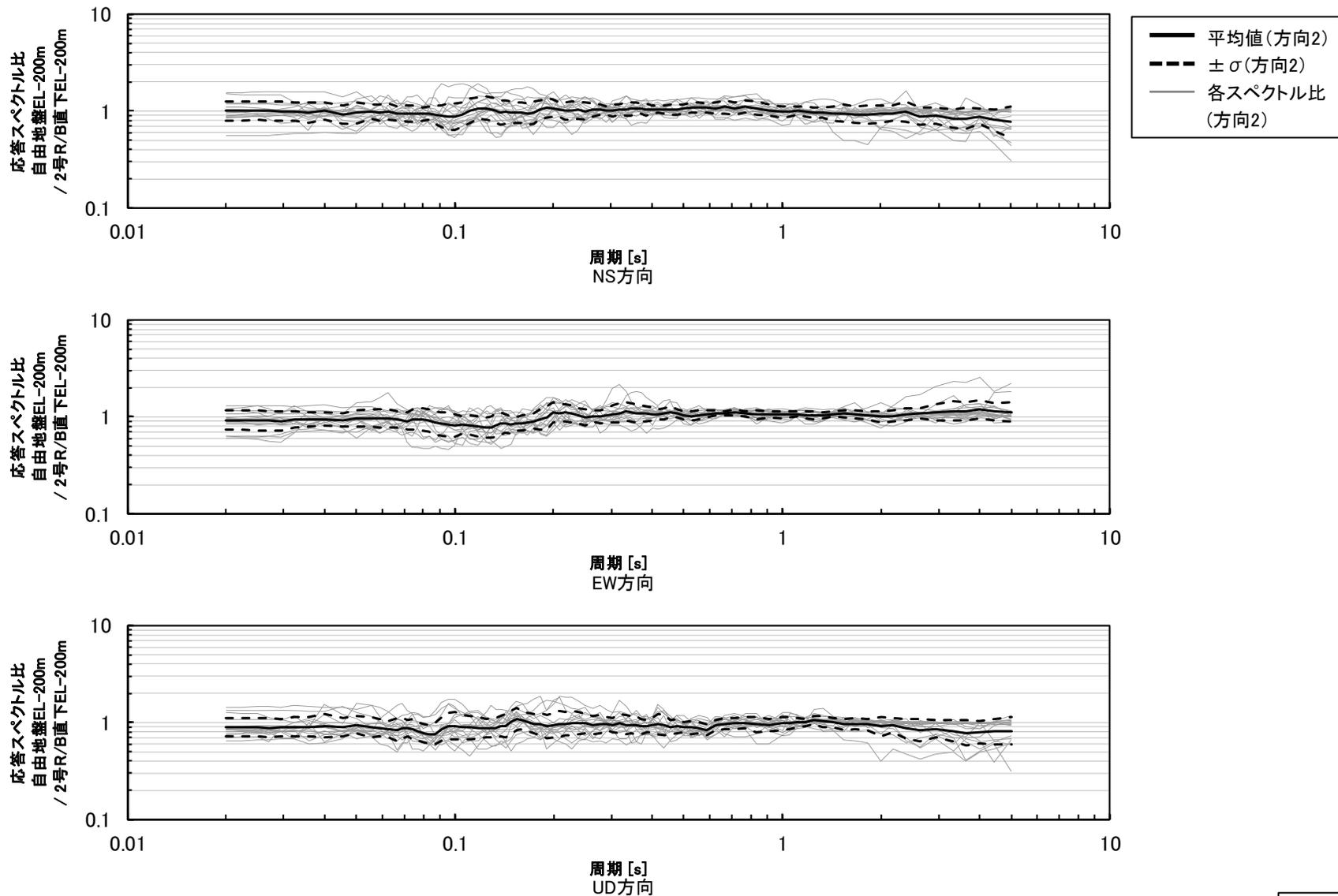
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (全方向)

方向1 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



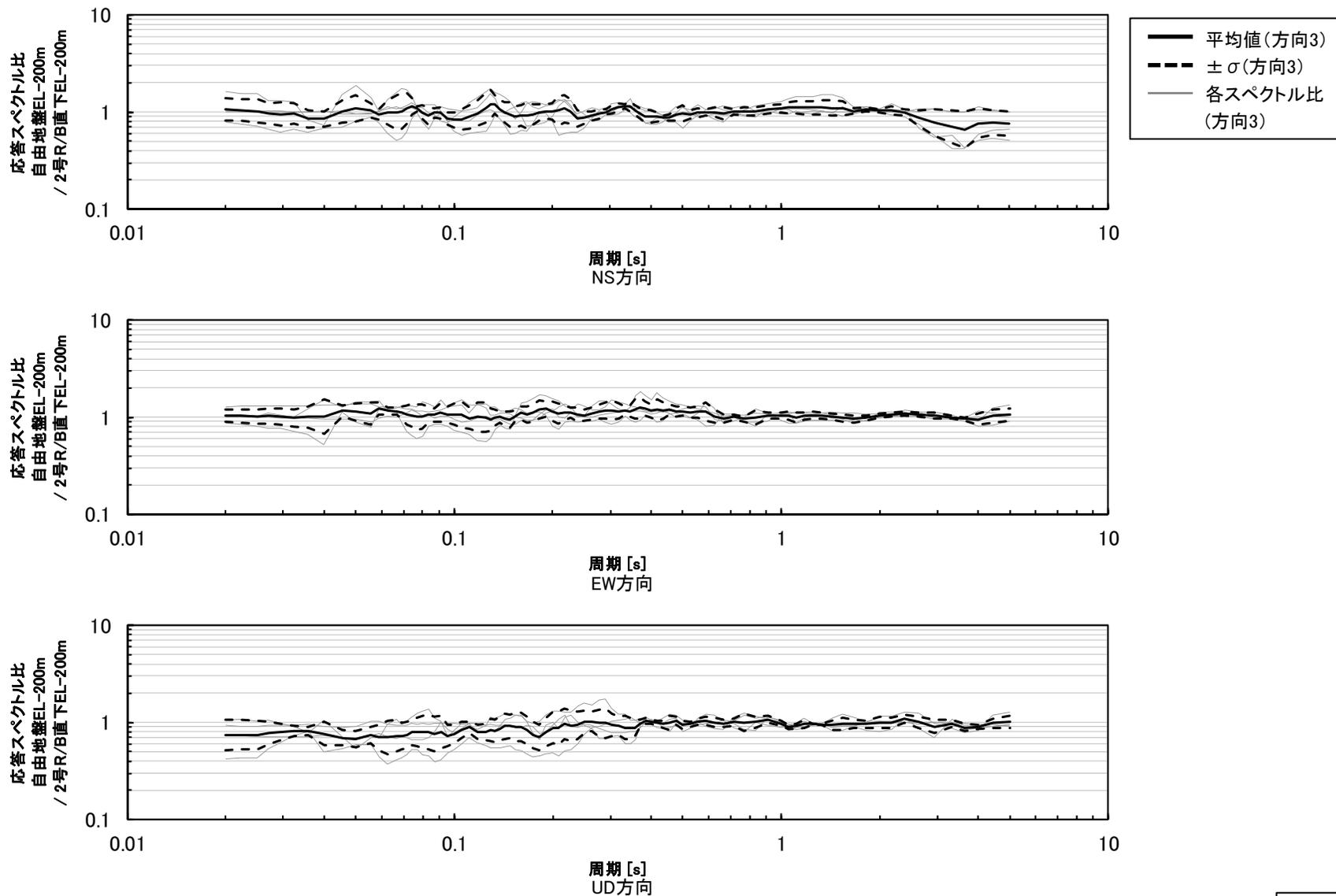
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向1)

方向2 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



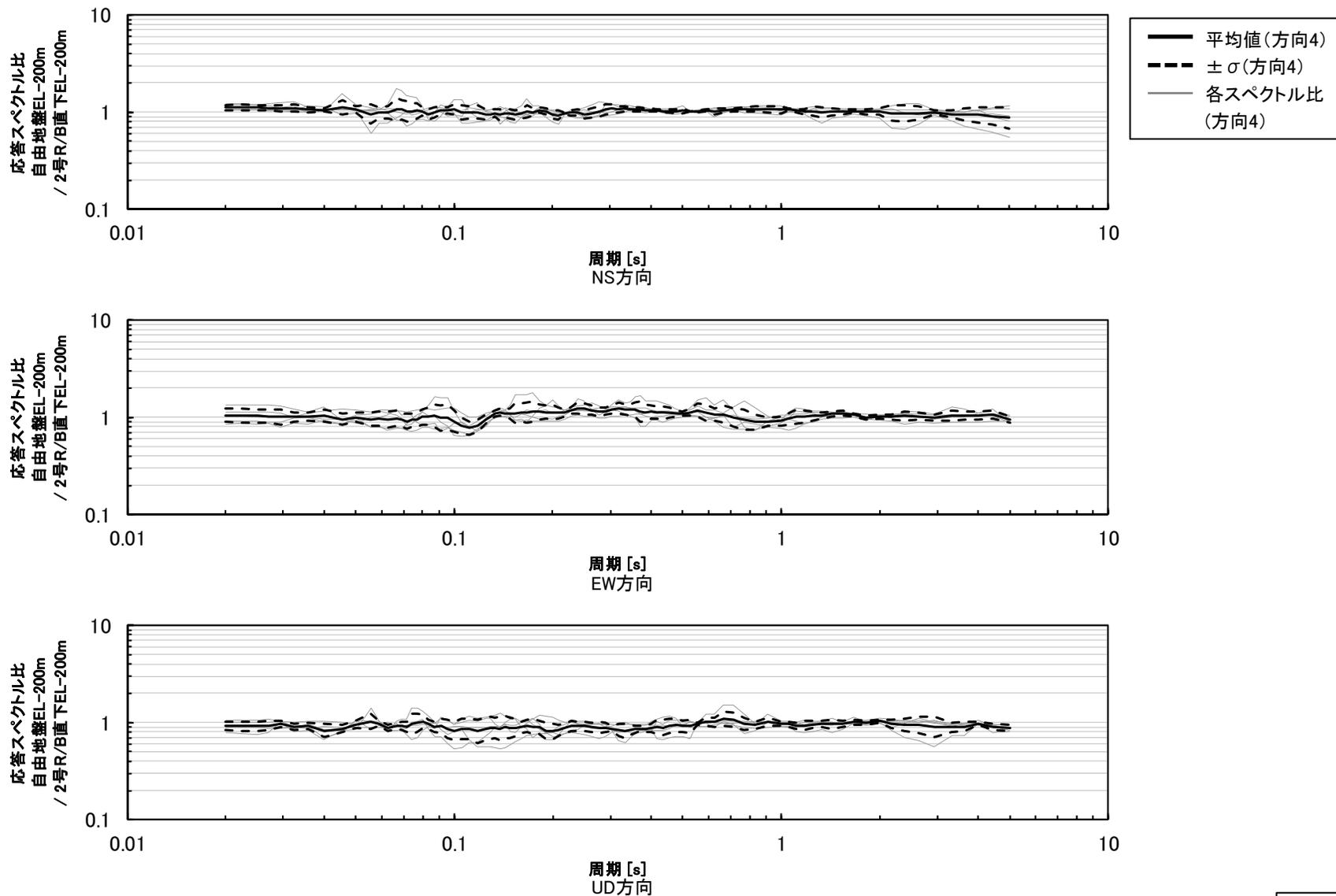
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向2)

方向3 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



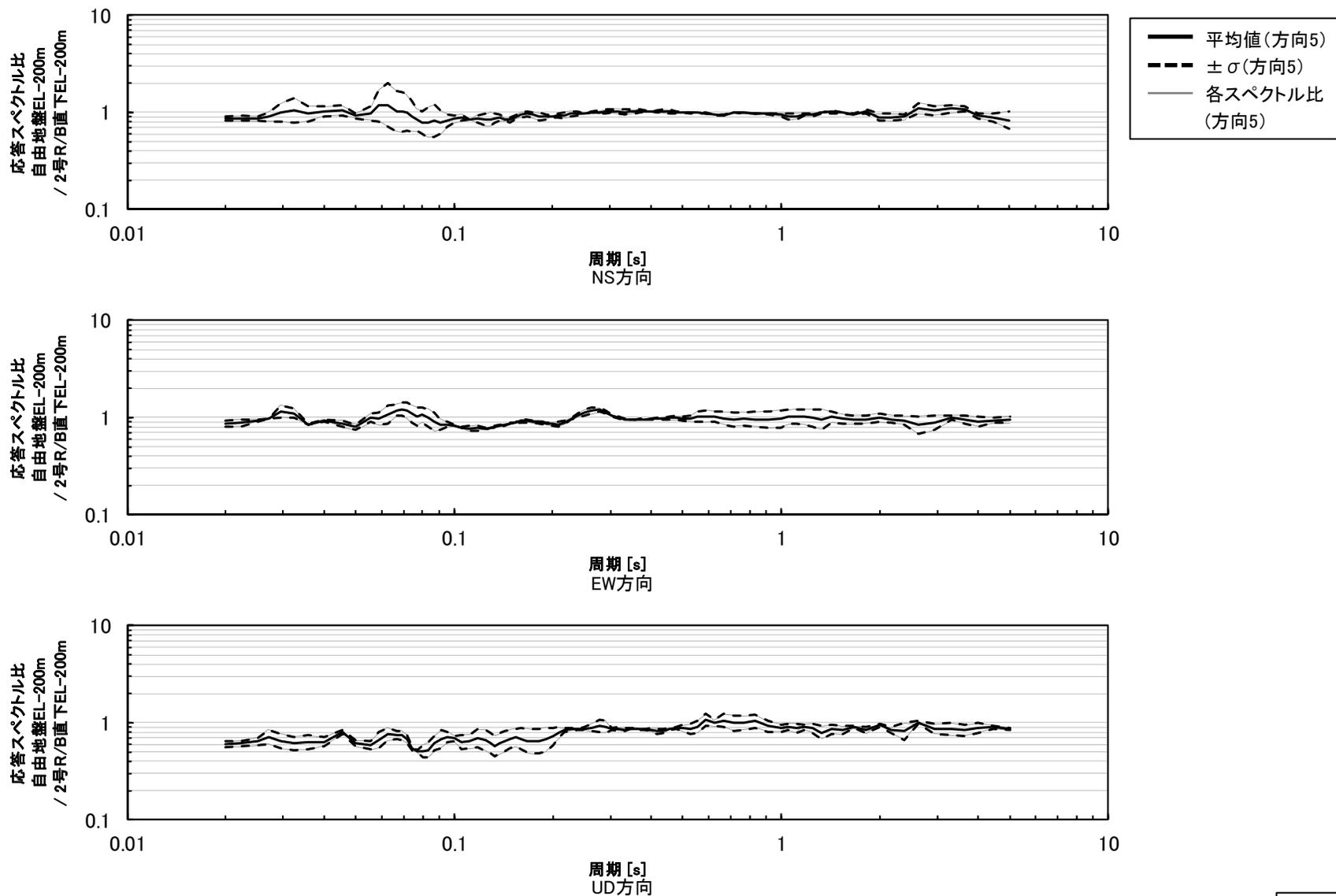
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向3)

方向4 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



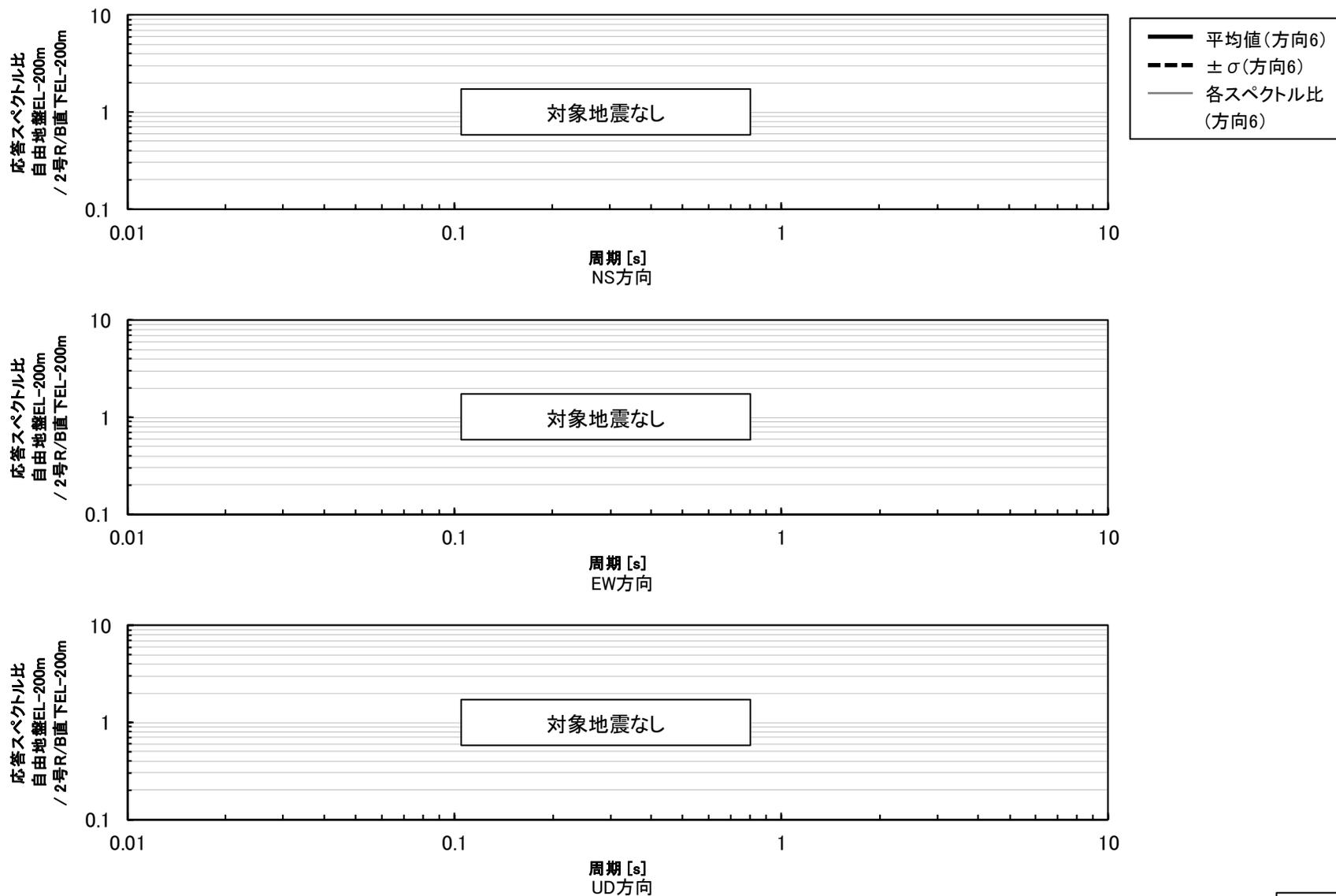
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向4)

方向5 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



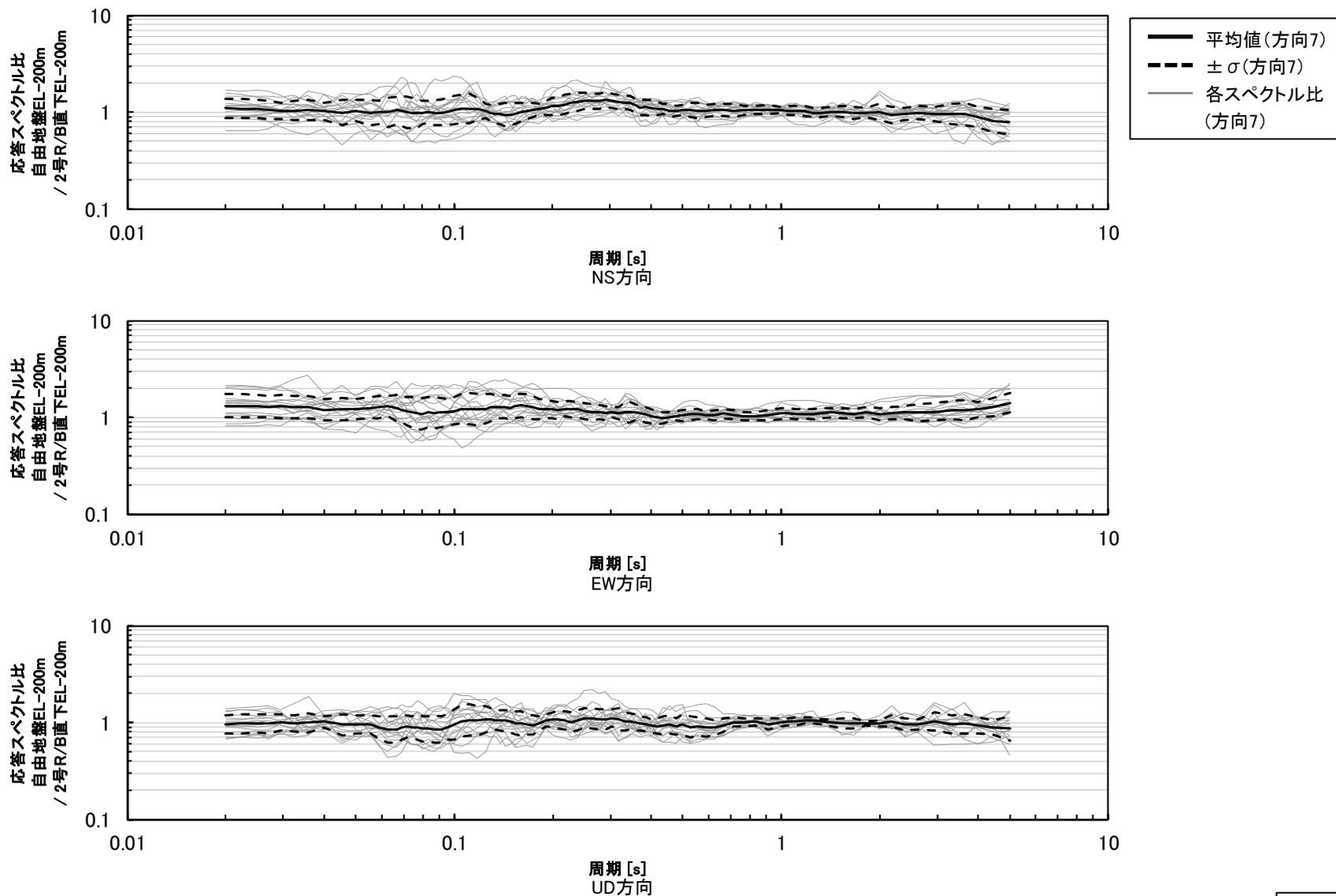
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向5)

方向6 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m- (対象地震なし)



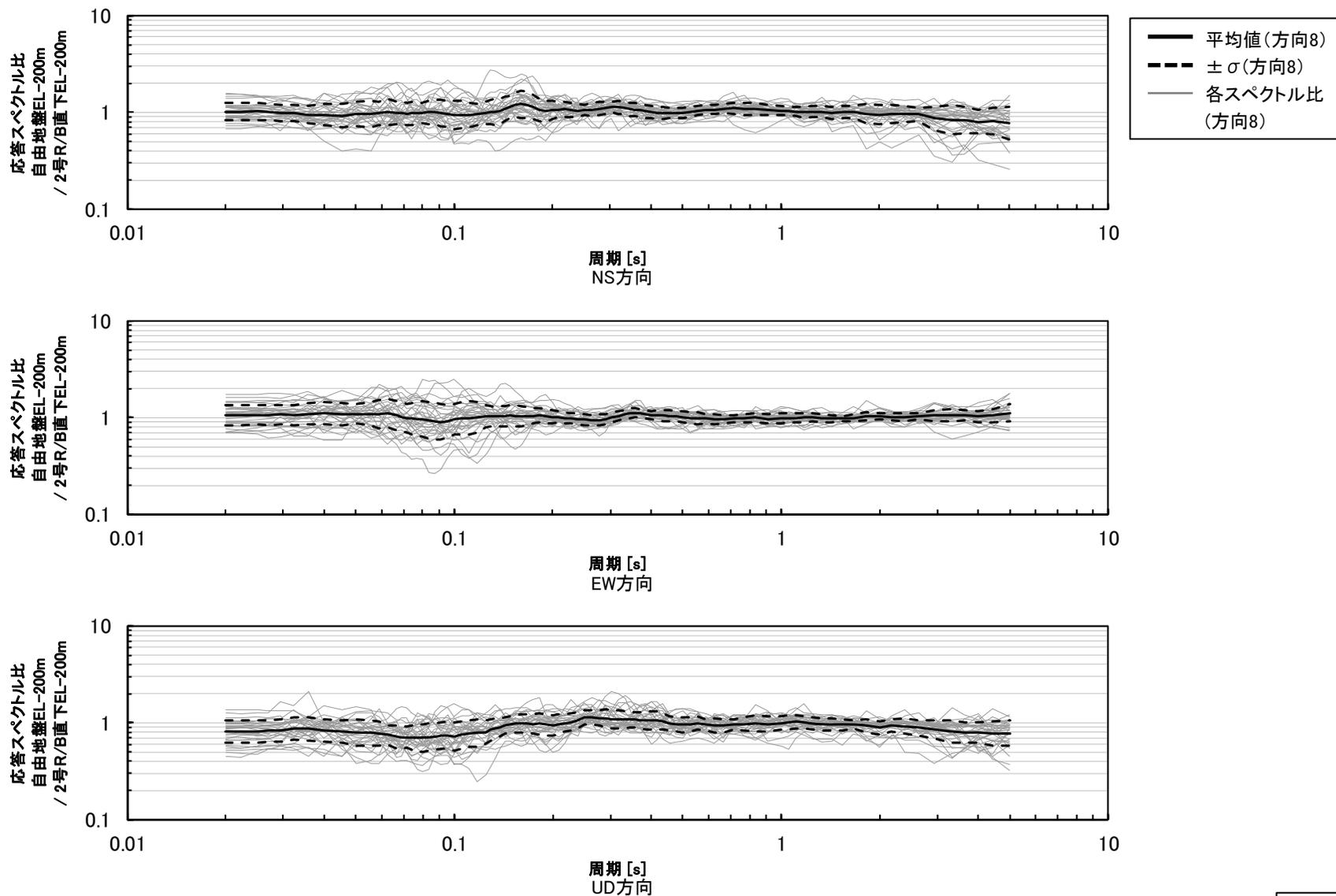
応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向6)

方向7 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向7)

方向8 - 自由地盤EL-200m/2号原子炉建屋直下EL-200m -



応答スペクトル比(自由地盤EL-200m/2号原子炉建屋直下EL-200m) (方向8)

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### 3.3 鉛直アレー地震観測記録を用いた検討

# 検討の対象とした地震 ー地震の諸元ー(1/2)

検討の対象とした地震の諸元\*

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
1	2000/06/07	06:16	36.8265	135.5630	21.30	6.2	106.9	6
2	2000/06/13	06:44	36.8105	135.5895	19.69	4.3	105.0	6
3	2000/06/22	20:36	36.8328	135.5383	17.66	4.6	108.8	6
4	2001/01/22	09:43	37.1975	136.7928	17.69	3.7	16.3	1
5	2004/10/23	17:56	37.2925	138.8672	13.08	6.8	191.8	2
6	2004/10/23	18:03	37.3540	138.9833	9.38	6.3	202.9	2
7	2004/10/23	18:34	37.3063	138.9300	14.17	6.5	197.5	2
8	2004/10/27	10:40	37.2918	139.0333	11.60	6.1	206.4	2
9	2006/03/26	09:44	37.0180	136.8908	12.85	3.9	15.4	3
10	2006/05/04	10:17	37.1325	137.4412	16.30	3.9	64.0	2
11	2007/03/25	09:41	37.2207	136.6860	10.70	6.9	18.1	8
12	2007/03/25	09:43	37.2558	136.7238	0.00	5.1	21.6	8
13	2007/03/25	09:54	37.2763	136.7008	6.77	4.5	24.0	8
14	2007/03/25	09:56	37.2290	136.7235	9.93	4.7	18.7	8
15	2007/03/25	10:01	37.2298	136.7325	11.16	3.7	18.8	1
16	2007/03/25	10:10	37.2540	136.6867	5.95	3.6	21.7	8
17	2007/03/25	10:11	37.2947	136.7518	7.97	4.5	26.1	1
18	2007/03/25	10:16	37.2300	136.6573	5.41	4.1	19.8	8
19	2007/03/25	10:21	37.1768	136.6190	8.56	3.5	16.0	8
20	2007/03/25	10:36	37.1972	136.6995	11.20	4.1	15.3	8
21	2007/03/25	10:43	37.2058	136.7212	10.53	3.0	16.1	8
22	2007/03/25	10:49	37.2007	136.6878	11.61	3.4	15.9	8
23	2007/03/25	11:19	37.2670	136.7007	6.84	4.2	23.0	8
24	2007/03/25	11:25	37.1993	136.7040	12.02	3.3	15.5	8
25	2007/03/25	11:43	37.2165	136.6927	8.55	3.6	17.5	8
26	2007/03/25	11:58	37.2335	136.6178	2.78	4.2	21.5	8
27	2007/03/25	12:24	37.1995	136.7205	11.98	3.7	15.4	8
28	2007/03/25	13:02	37.2082	136.7180	12.48	3.9	16.4	8
29	2007/03/25	13:56	37.2143	136.6877	10.17	3.5	17.4	8
30	2007/03/25	14:08	37.2065	136.7062	12.50	3.5	16.3	8
31	2007/03/25	14:21	37.2223	136.6093	3.26	4.1	20.7	8
32	2007/03/25	14:55	37.1660	136.6953	10.37	3.8	12.0	8
33	2007/03/25	15:13	37.2218	136.7192	9.63	3.2	17.9	8
34	2007/03/25	15:25	37.1572	136.6850	11.06	3.8	11.3	8
35	2007/03/25	15:26	37.2065	136.6077	4.18	3.7	19.3	8
36	2007/03/25	15:43	37.2940	136.7718	8.90	4.5	26.2	1
37	2007/03/25	15:57	37.2288	136.7337	11.42	3.8	18.7	1
38	2007/03/25	16:14	37.1778	136.6383	7.73	3.0	15.2	8
39	2007/03/25	16:39	37.1587	136.6385	10.33	3.2	13.4	8
40	2007/03/25	16:53	37.2203	136.6657	7.72	3.7	18.5	8
41	2007/03/25	17:08	37.1823	136.6767	10.31	3.4	14.2	8
42	2007/03/25	17:54	37.2437	136.7302	9.91	3.8	20.3	1
43	2007/03/25	18:11	37.3043	136.8395	13.45	5.3	28.8	1
44	2007/03/25	18:23	37.2982	136.8520	11.91	4.2	28.6	1
45	2007/03/25	19:02	37.1868	136.6477	10.69	3.5	15.6	8
46	2007/03/25	19:07	37.2012	136.6545	9.46	3.1	16.9	8
47	2007/03/25	21:02	37.2350	136.6530	4.80	3.4	20.4	8
48	2007/03/25	21:26	37.2265	136.6990	9.68	3.4	18.6	8
49	2007/03/25	22:49	37.2753	136.6982	7.51	3.8	23.9	8
50	2007/03/26	00:21	37.2185	136.6508	5.58	3.6	18.8	8

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
51	2007/03/26	02:14	37.1578	136.6695	11.96	4.2	11.9	8
52	2007/03/26	02:25	37.1838	136.5938	6.95	3.7	18.1	8
53	2007/03/26	02:34	37.2102	136.7128	11.98	3.5	16.6	8
54	2007/03/26	03:21	37.2345	136.7445	11.13	3.6	19.3	1
55	2007/03/26	07:16	37.1668	136.4893	0.00	5.3	24.2	7
56	2007/03/26	11:58	37.2183	136.7320	13.58	3.6	17.5	1
57	2007/03/26	13:47	37.2703	136.6570	4.30	4.4	24.1	8
58	2007/03/26	14:46	37.1653	136.5518	8.62	4.8	19.4	7
59	2007/03/26	16:41	37.2353	136.6785	8.12	3.5	19.8	8
60	2007/03/26	18:02	37.2762	136.7007	5.91	4.6	24.0	8
61	2007/03/26	18:26	37.1935	136.6602	10.03	3.6	15.9	8
62	2007/03/26	18:35	37.1630	136.5608	8.44	3.6	18.6	7
63	2007/03/26	21:04	37.1993	136.6122	6.89	3.6	18.4	8
64	2007/03/26	21:30	37.1863	136.6473	9.55	3.9	15.6	8
65	2007/03/26	21:42	37.2618	136.7047	6.96	3.9	22.4	8
66	2007/03/27	06:48	37.1802	136.5483	5.44	3.6	20.7	7
67	2007/03/27	07:16	37.1143	136.5472	6.82	4.1	17.0	7
68	2007/03/27	11:33	37.2267	136.6793	7.43	3.8	18.9	8
69	2007/03/27	12:28	37.2430	136.7492	10.63	3.8	20.3	1
70	2007/03/27	23:04	37.1767	136.6183	8.11	3.5	16.1	8
71	2007/03/28	00:57	37.2510	136.7215	9.89	4.0	21.1	8
72	2007/03/28	08:08	37.2223	136.7088	13.29	4.9	18.0	8
73	2007/03/28	10:51	37.1757	136.6118	10.18	4.6	16.3	8
74	2007/03/28	13:05	37.2820	136.6832	6.79	4.7	24.9	8
75	2007/03/28	14:36	37.2760	136.6782	6.97	3.5	24.3	8
76	2007/03/28	21:16	37.1903	136.5823	6.10	3.8	19.3	8
77	2007/03/29	03:17	37.1610	136.6705	10.55	3.2	12.2	8
78	2007/03/29	10:46	37.2297	136.6888	8.31	3.8	19.0	8
79	2007/03/29	15:34	37.1782	136.6275	10.83	3.5	15.7	8
80	2007/03/30	14:04	37.3042	136.5998	8.31	3.7	29.3	8
81	2007/03/31	08:09	37.2347	136.7598	13.47	4.4	19.5	1
82	2007/04/02	02:51	37.2105	136.6898	12.41	4.2	16.9	8
83	2007/04/02	08:01	37.2073	136.6468	6.99	4.1	17.7	8
84	2007/04/02	17:25	37.2203	136.6478	5.05	3.2	19.0	8
85	2007/04/05	15:14	37.0735	136.4387	8.33	4.3	25.7	7
86	2007/04/06	15:18	37.2673	136.7902	11.68	4.3	23.6	1
87	2007/04/06	21:42	37.0955	136.4252	6.82	4.7	27.1	7
88	2007/04/06	23:55	37.0922	136.4342	6.72	4.3	26.2	7
89	2007/04/11	22:11	37.0742	136.4268	8.20	4.3	26.7	7
90	2007/04/13	09:02	37.1687	136.5165	0.00	3.7	22.2	7
91	2007/04/16	15:29	37.1802	136.5553	0.47	4.0	20.2	7
92	2007/04/26	11:30	37.2342	136.7443	10.90	3.9	19.3	1
93	2007/05/02	20:44	37.3307	136.7628	6.59	4.7	30.1	1
94	2007/05/05	18:22	37.1608	136.6712	11.28	2.9	12.1	8
95	2007/05/11	02:12	37.1185	136.3117	10.56	4.5	37.4	7
96	2007/05/12	13:42	37.1683	136.5023	5.78	3.8	23.2	7
97	2007/06/08	03:17	37.2245	136.6762	7.75	3.4	18.7	8
98	2007/06/11	03:45	37.2442	136.6547	7.29	5.0	21.3	8
99	2007/06/22	03:34	36.8780	136.6677	7.50	4.6	21.0	5
100	2007/06/26	20:04	36.8768	136.6748	7.84	3.4	20.9	5

※ 震央の方位は志賀原子力発電所から震央位置を望む方位を示す。(番号の示す方位は次々頁参照)

\* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

# 検討の対象とした地震 ー地震の諸元ー (2/2)

検討の対象とした地震の諸元\* (続き)

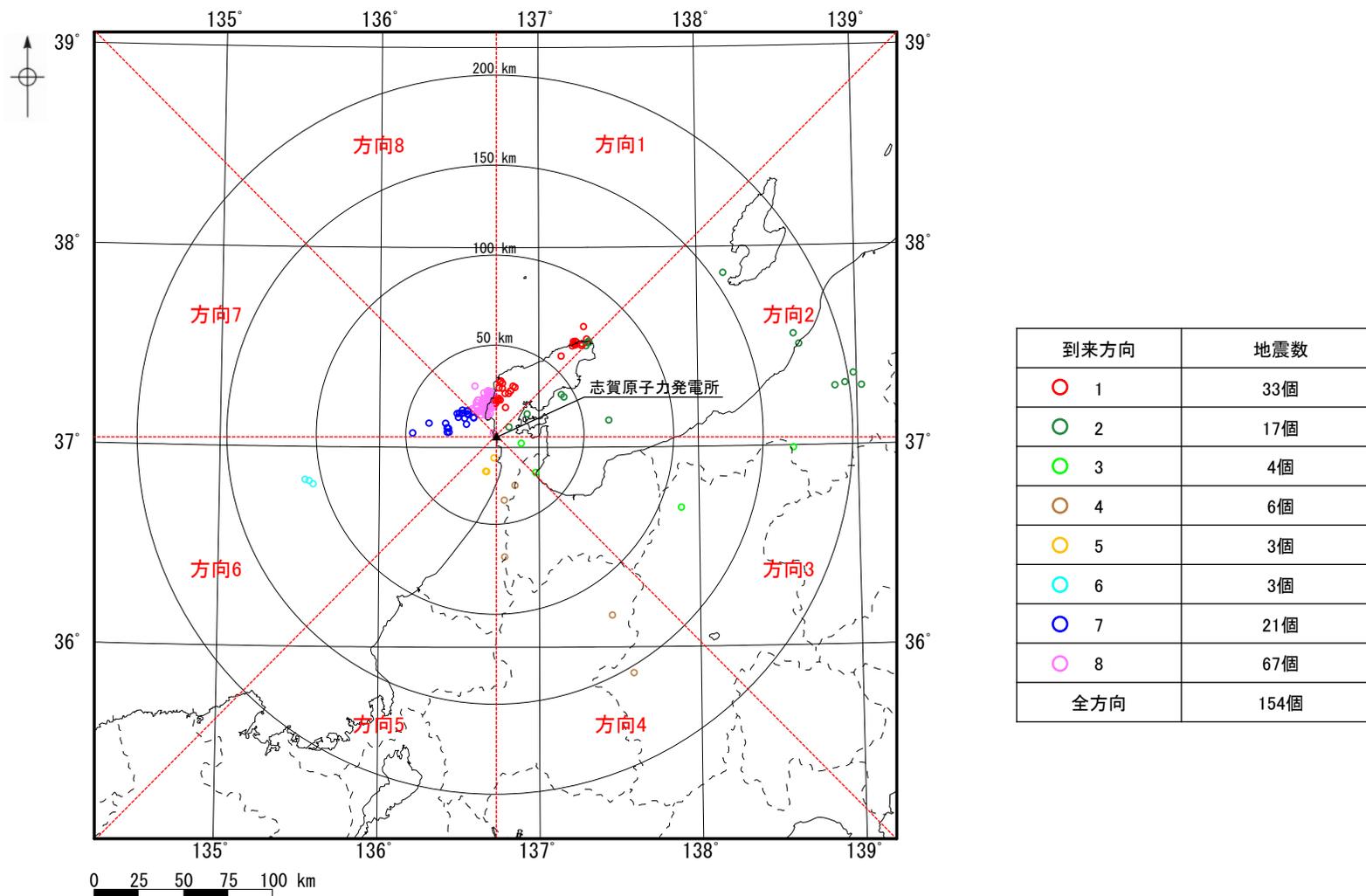
No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
101	2007/07/09	16:00	37.3243	136.7580	10.04	4.2	29.4	1
102	2007/07/16	10:13	37.5568	138.6095	16.75	6.8	175.8	2
103	2007/07/16	15:37	37.5040	138.6445	22.53	5.8	177.0	2
104	2007/07/17	10:58	37.1837	136.5212	0.00	3.5	22.8	7
105	2007/08/16	18:52	37.0703	136.7162	2.50	0.7	1.4	8
106	2007/09/20	20:05	37.1485	136.4970	8.94	3.9	22.6	7
107	2007/12/18	02:53	37.2365	136.7477	9.22	3.9	19.6	1
108	2008/01/26	04:33	37.3188	136.7733	11.30	4.8	28.9	1
109	2008/03/17	07:00	37.0693	136.2100	7.06	4.5	46.0	7
110	2008/04/16	18:46	37.1178	136.4163	8.24	4.1	28.3	7
111	2008/04/29	06:58	37.2325	136.7308	10.91	3.8	19.1	1
112	2008/05/02	05:46	37.2347	136.6207	3.78	4.0	21.5	8
113	2008/07/15	10:44	37.1452	136.5930	9.82	3.1	15.1	7
114	2008/07/15	14:41	37.1470	136.5913	10.35	3.9	15.4	7
115	2008/07/27	10:53	37.0998	136.8142	2.08	3.2	8.9	2
116	2009/05/23	05:15	37.1438	136.5355	10.91	3.9	19.3	7
117	2009/08/11	05:07	34.7862	138.4993	23.32	6.5	298.8	4
118	2011/02/27	05:38	36.1563	137.4547	4.34	5.5	119.7	4
119	2011/03/12	03:59	36.9860	138.5978	8.38	6.7	166.7	3
120	2012/02/08	21:01	37.8653	138.1708	13.62	5.7	155.9	2
121	2012/11/16	15:57	37.1613	136.5583	9.50	3.6	18.7	7
122	2013/04/04	01:58	36.7340	136.7850	12.93	4.2	36.6	4
123	2013/09/07	12:56	37.1630	136.6748	9.92	2.8	12.2	8
124	2014/09/27	00:35	37.2377	136.6780	8.30	4.1	20.1	8
125	2014/11/22	22:08	36.6928	137.8910	4.59	6.7	111.5	3
126	2015/02/01	00:42	37.2618	137.1442	14.84	4.4	43.3	2
127	2015/04/21	05:15	36.9450	136.7195	7.58	3.1	12.9	5
128	2016/08/20	08:14	37.2592	136.6910	8.17	3.9	22.2	8
129	2017/06/25	07:02	35.8680	137.5865	6.66	5.6	153.2	4
130	2017/11/09	12:23	37.1645	136.9287	15.72	3.7	21.3	2
131	2018/01/05	11:02	36.8712	136.9803	13.65	4.0	30.9	3
132	2020/03/13	02:18	37.2797	136.8245	12.33	5.5	25.8	1
133	2020/04/06	05:00	37.2677	136.8118	12.05	4.0	24.2	1
134	2020/09/02	02:49	36.4500	136.7873	8.50	4.6	68.0	4
135	2020/11/21	21:06	37.1910	136.6985	10.68	3.0	14.7	8
136	2021/03/27	17:01	36.8072	136.8510	10.31	2.9	30.2	4
137	2021/06/03	10:31	37.2493	137.1605	15.32	4.1	43.8	2
138	2021/06/26	01:24	37.5097	137.2358	13.53	4.1	67.2	1
139	2021/09/16	18:42	37.5053	137.3008	13.12	5.1	70.9	2
140	2021/10/03	11:10	37.5110	137.2302	13.24	4.3	67.0	1
141	2022/03/08	01:58	37.5248	137.2372	13.51	4.8	68.6	1
142	2022/04/04	10:26	37.5172	137.2262	13.92	4.3	67.3	1
143	2022/06/19	15:08	37.5153	137.2763	13.14	5.4	70.1	1
144	2022/06/20	10:31	37.5220	137.3220	13.86	5.0	73.5	2
145	2022/06/20	14:50	37.5260	137.3147	13.79	4.3	73.4	2
146	2022/11/30	17:07	37.4537	137.1437	13.65	4.4	57.2	1
147	2023/01/06	13:44	37.5065	137.2743	13.42	4.5	69.3	1
148	2023/05/05	14:42	37.5390	137.3045	12.14	6.5	73.8	1
149	2023/05/05	14:53	37.5257	137.2218	12.81	5.0	67.7	1
150	2023/05/05	21:58	37.5263	137.2355	13.70	5.9	68.6	1

No.	震源情報						震央距離 (km)	震央の方位
	日付	時刻	北緯 (°)	東経 (°)	深さ (km)	M		
151	2023/05/05	23:18	37.5048	137.2138	13.78	4.3	65.5	1
152	2023/05/09	05:14	37.5208	137.3103	14.52	4.7	72.7	2
153	2023/05/09	05:16	37.5262	137.3173	13.86	4.4	73.6	2
154	2023/05/10	07:14	37.6010	137.2857	12.34	4.9	77.8	1

※ 震央の方位は志賀原子力発電所から震央位置を望む方位を示す。(番号の示す方位は次頁参照)

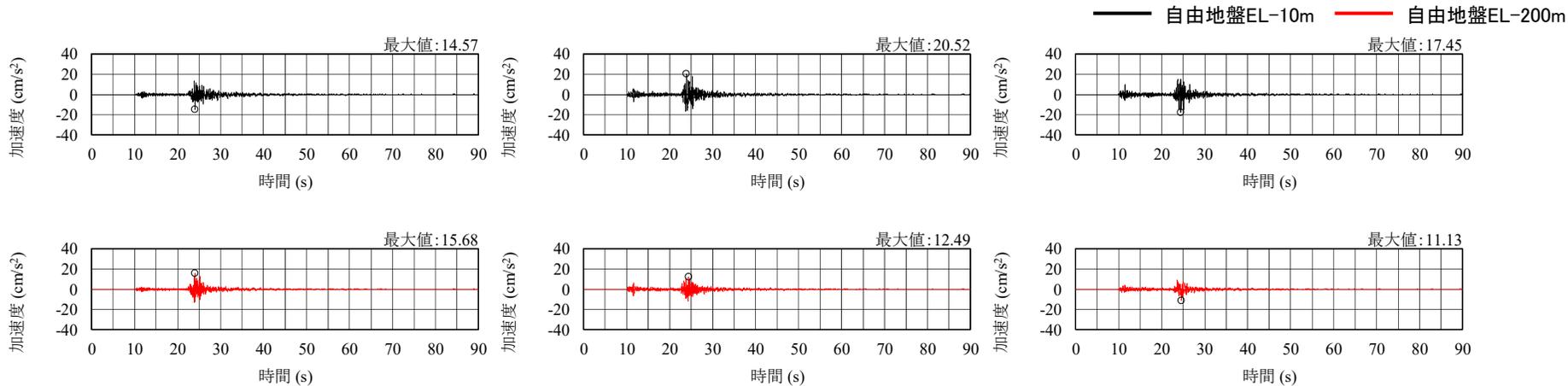
\* 気象庁「地震月報(カタログ編)」または防災科学技術研究所「Hi-net検測値データ」に基づく

## 検討の対象とした地震 ー震央分布図ー



検討の対象とした地震の震央分布図

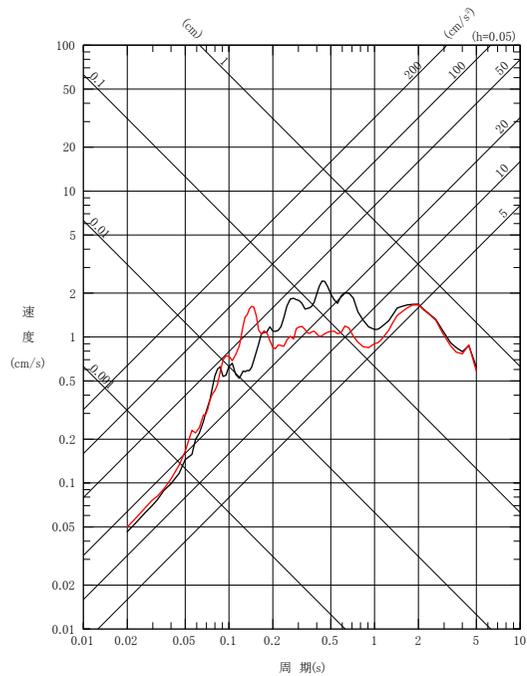
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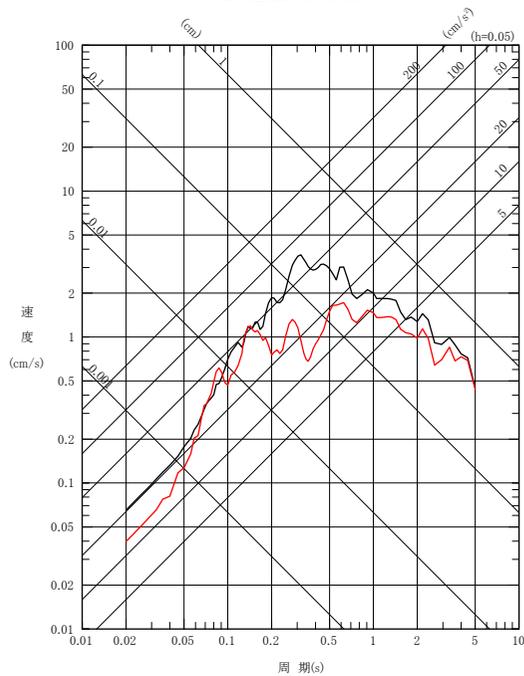
NS方向

EW方向  
加速度時刻歴波形

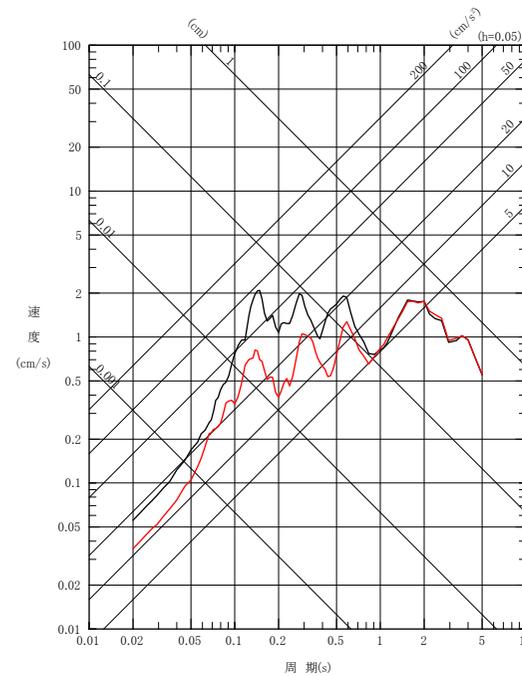
UD方向



NS方向

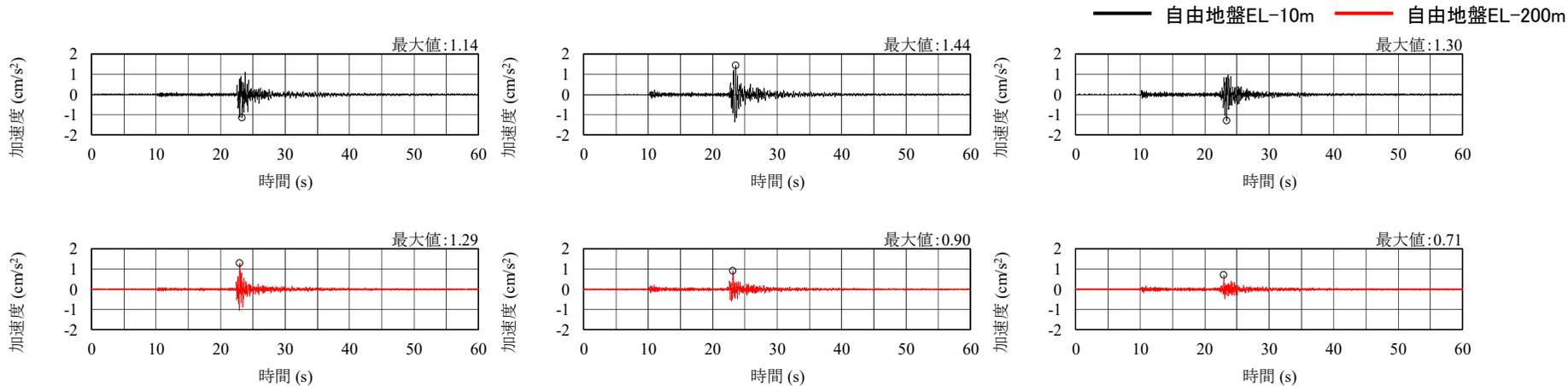


EW方向  
擬似速度応答スペクトル



UD方向

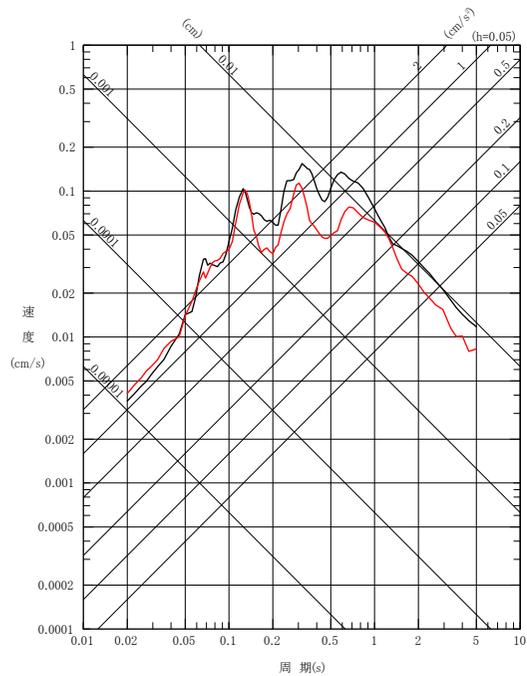
# No.2



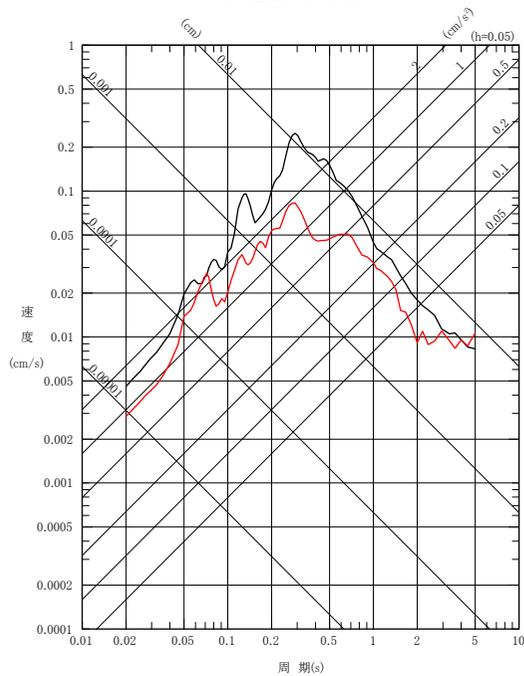
NS方向

EW方向  
加速度時刻歴波形

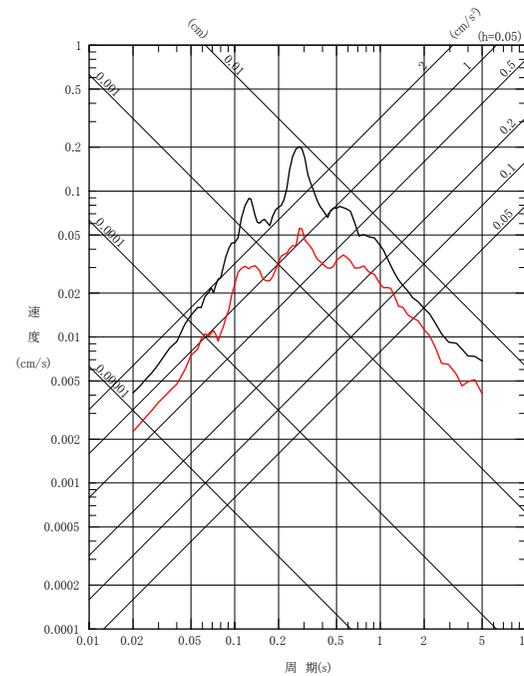
UD方向



NS方向

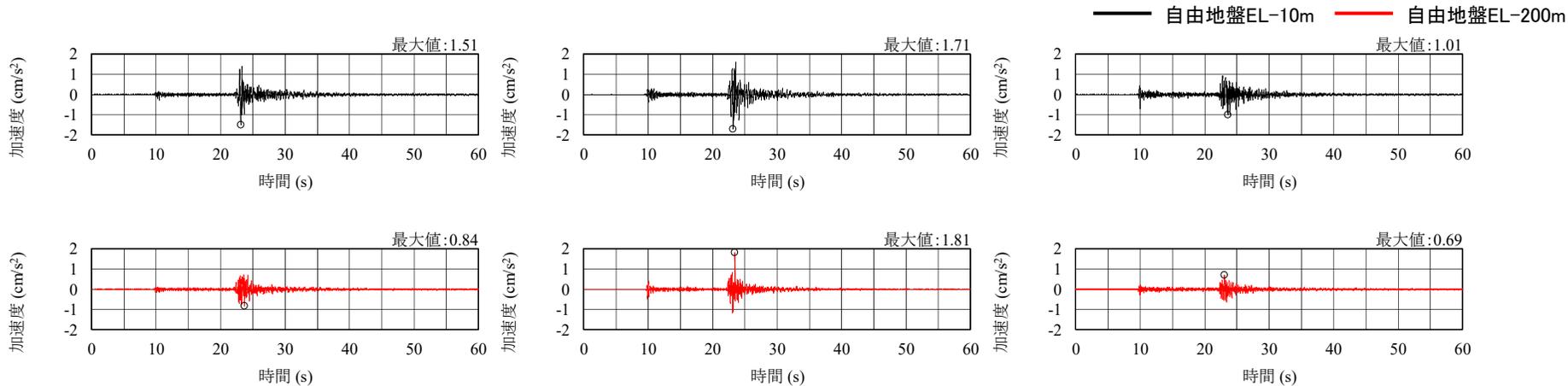


EW方向  
擬似速度応答スペクトル



UD方向

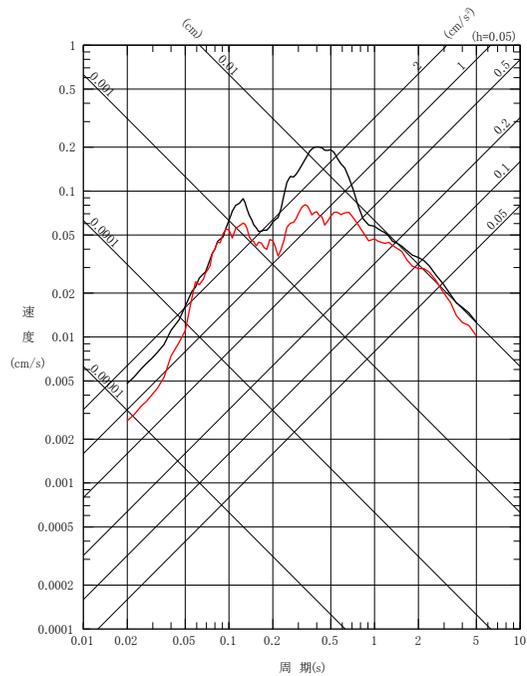
# No.3



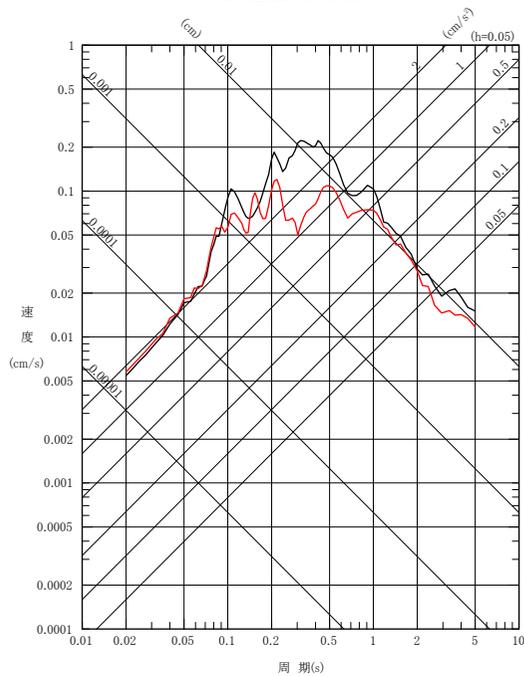
NS方向

EW方向  
加速度時刻歴波形

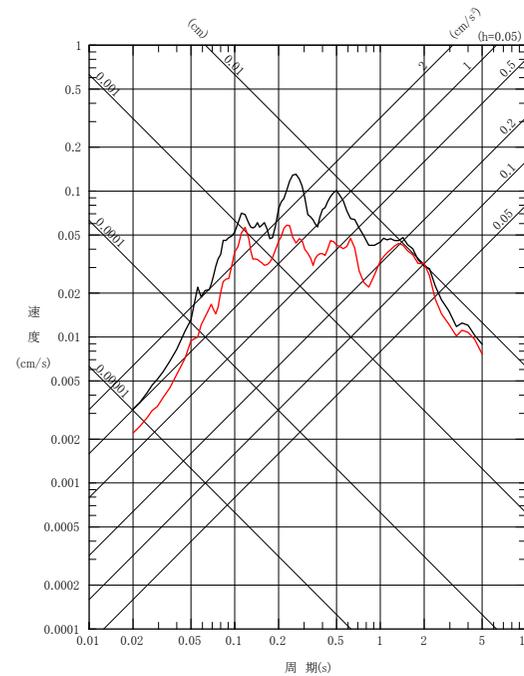
UD方向



NS方向

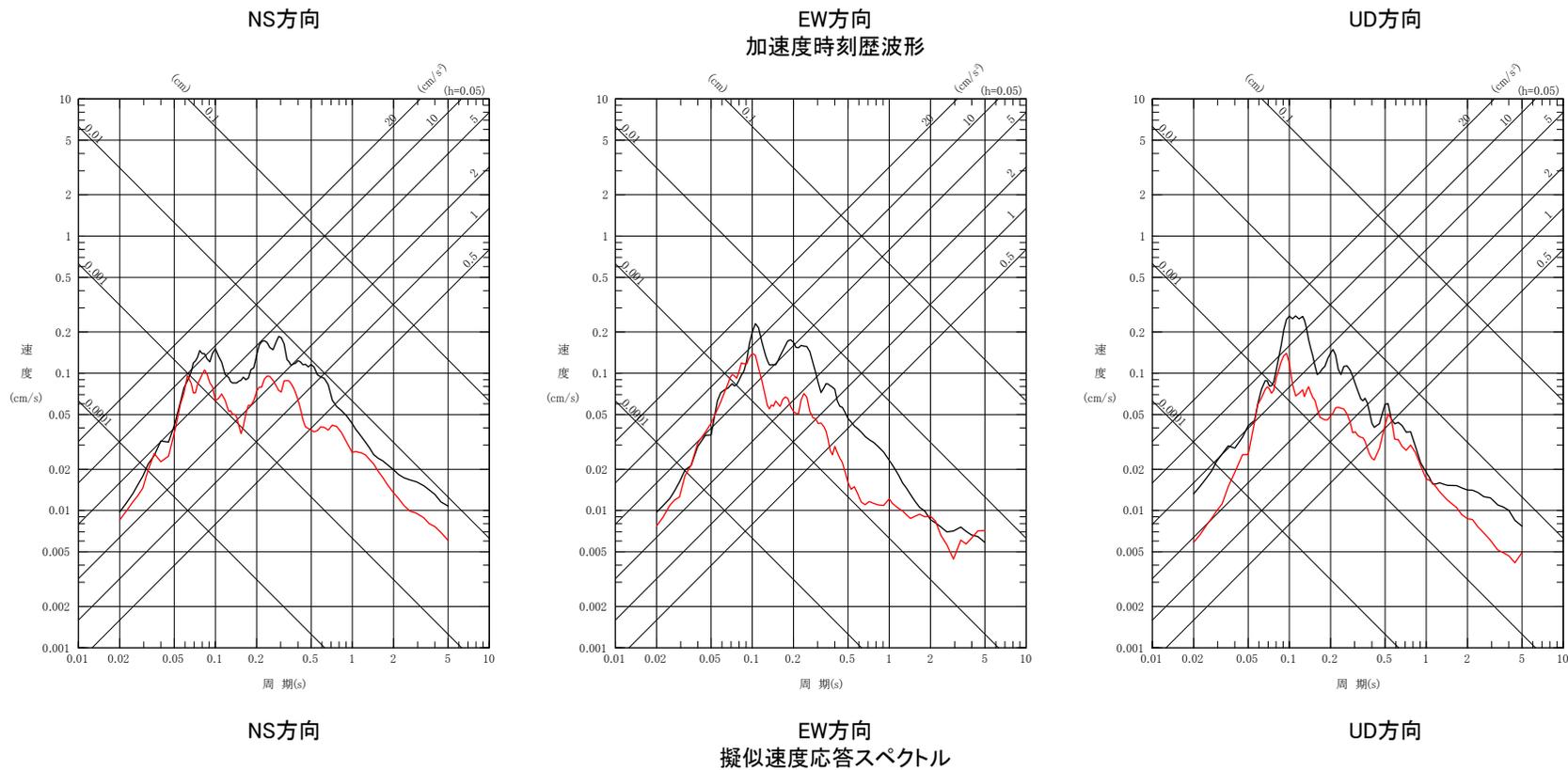
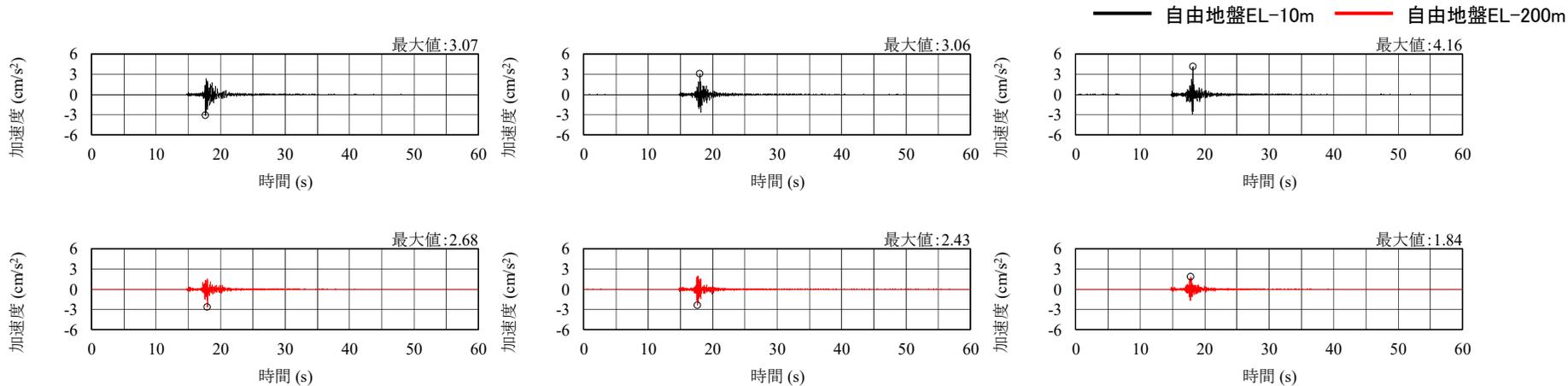


EW方向  
擬似速度応答スペクトル

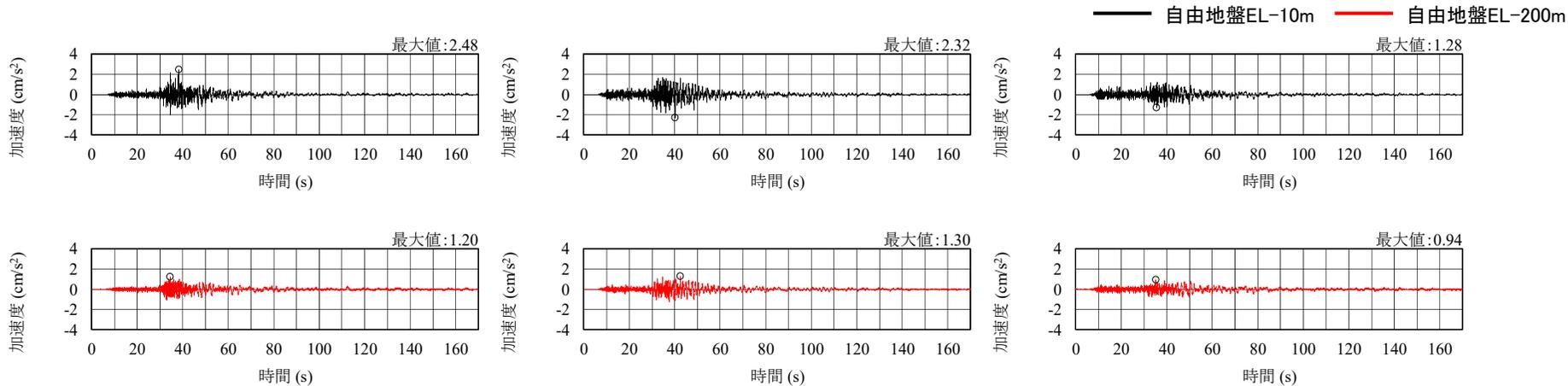


UD方向

# No.4



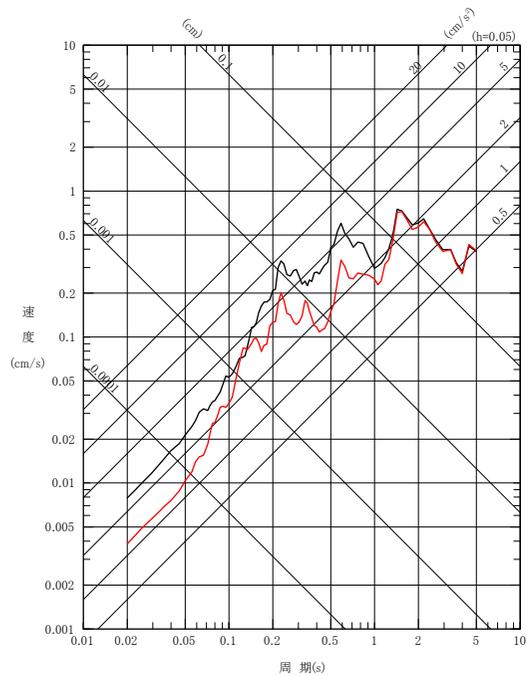
# No.5



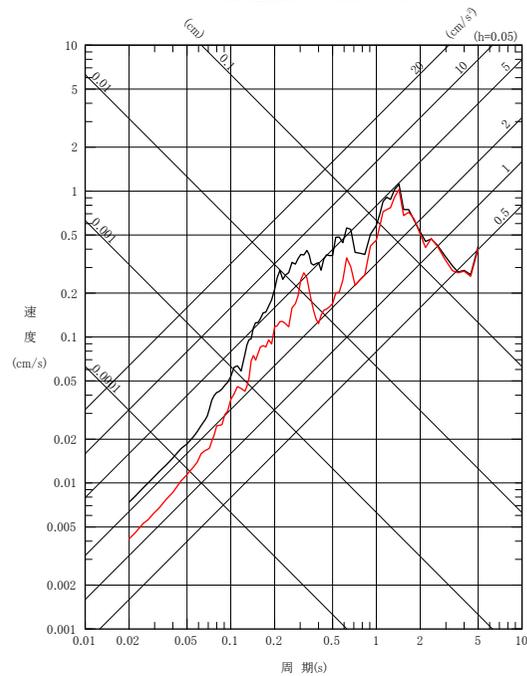
NS方向

EW方向  
加速度時刻歴波形

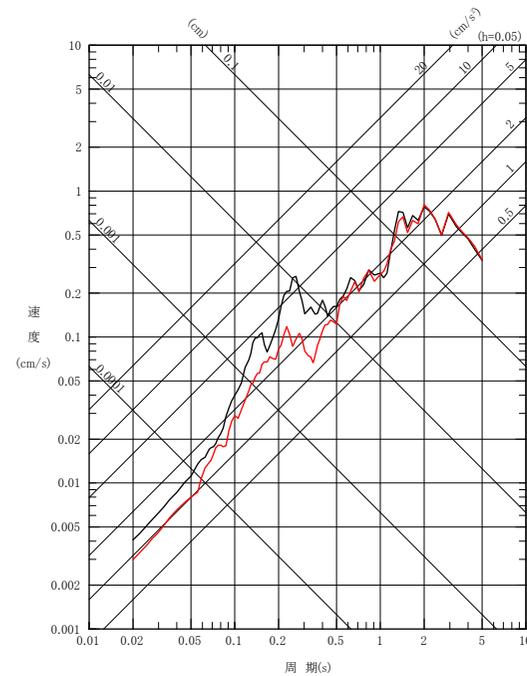
UD方向



NS方向

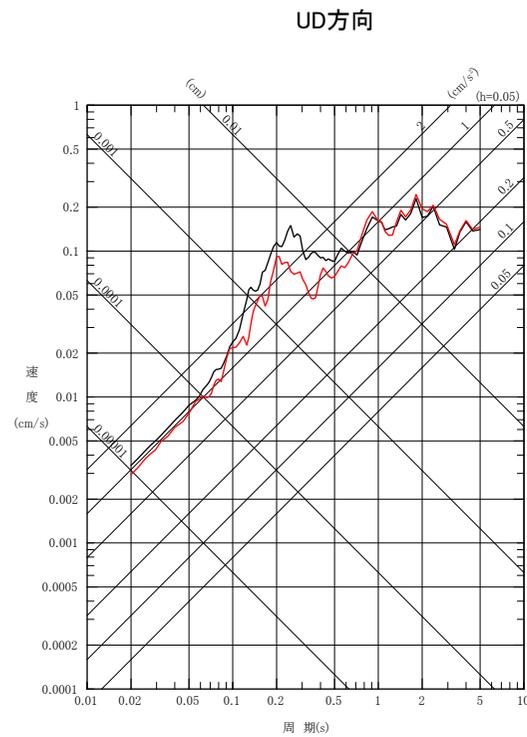
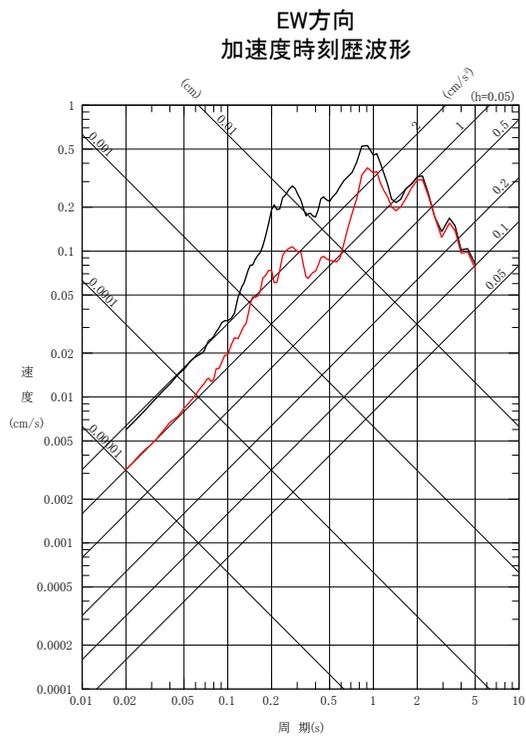
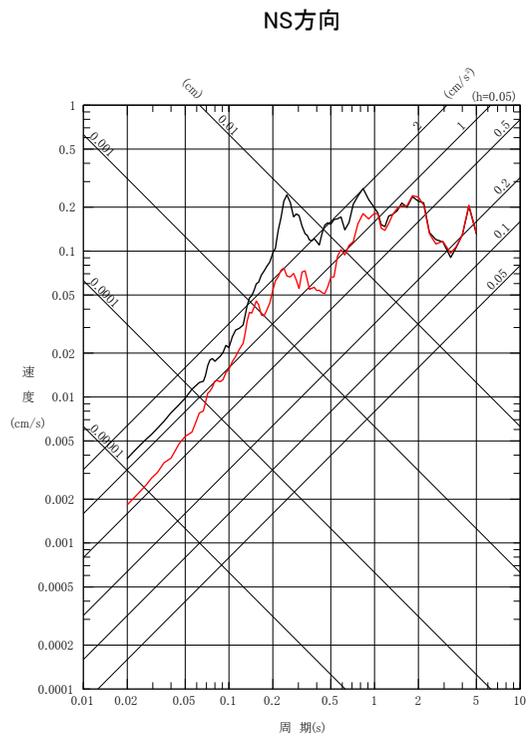
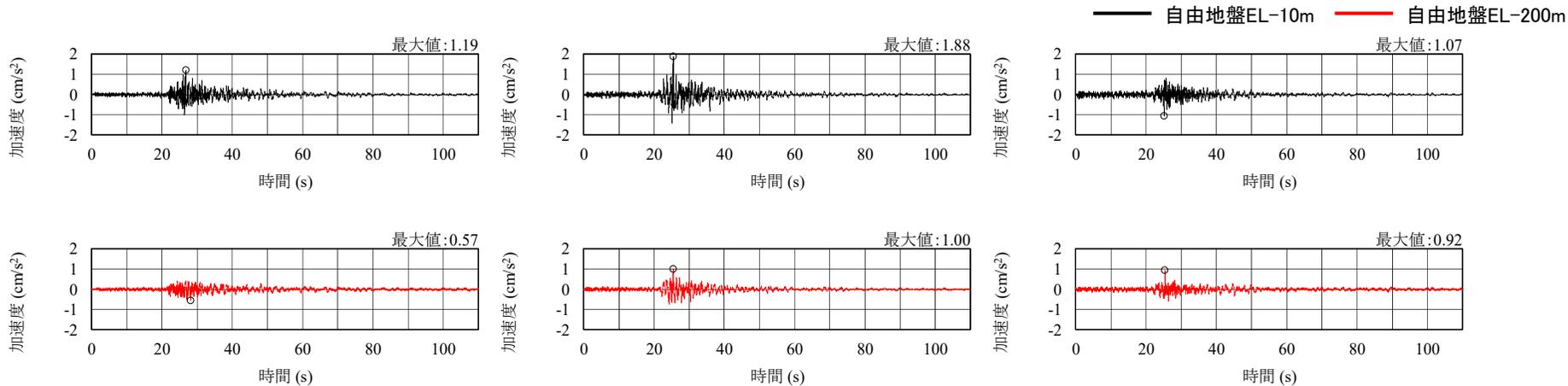


EW方向  
擬似速度応答スペクトル

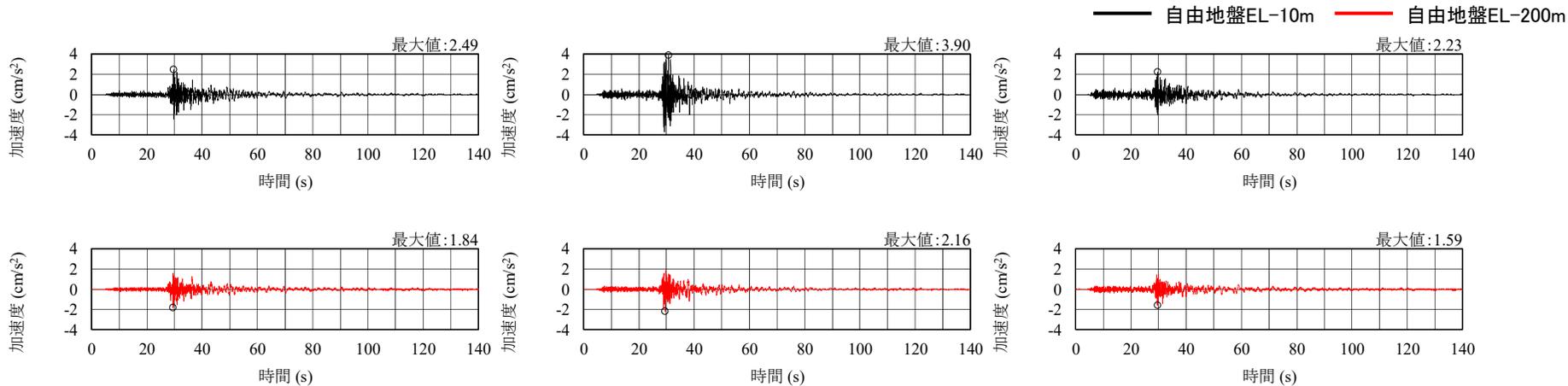


UD方向

# No.6



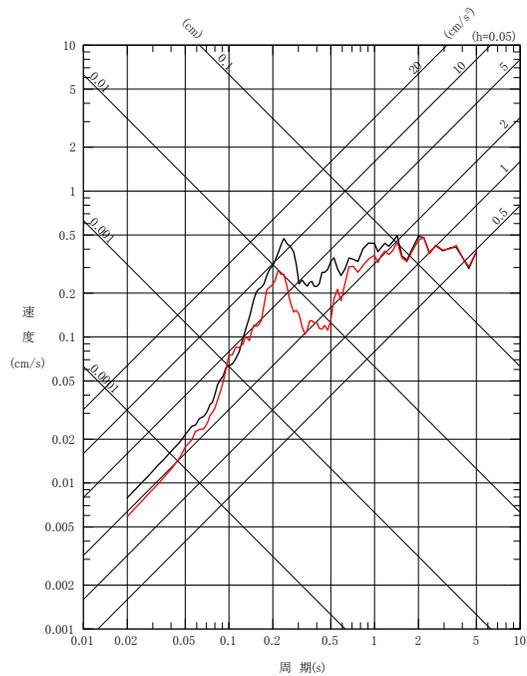
擬似速度応答スペクトル



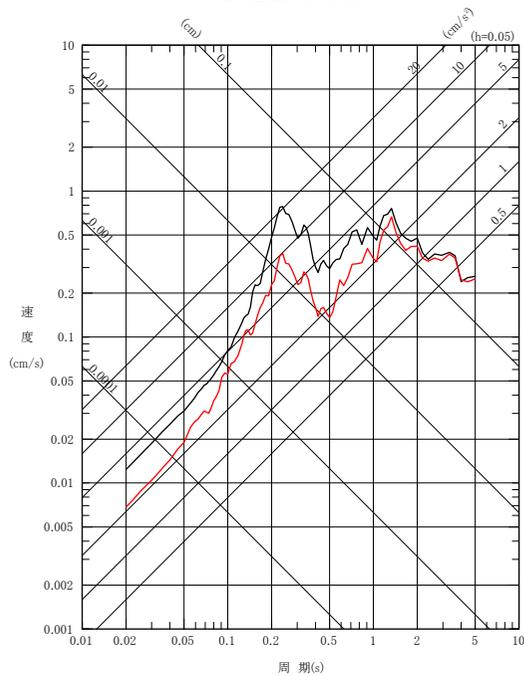
NS方向

EW方向  
加速度時刻歴波形

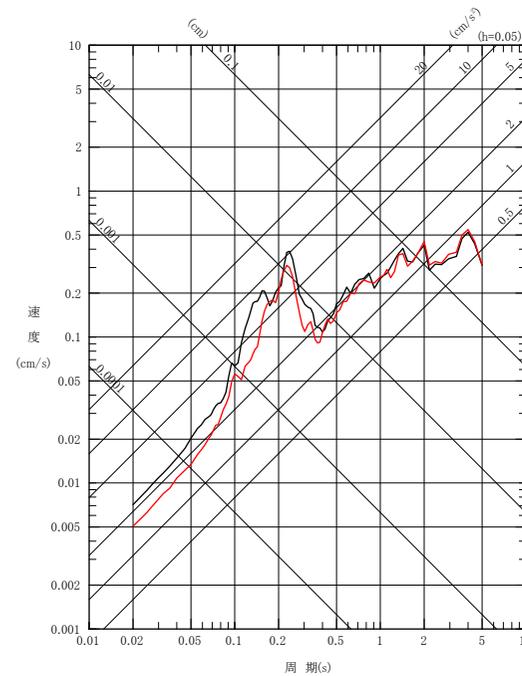
UD方向



NS方向

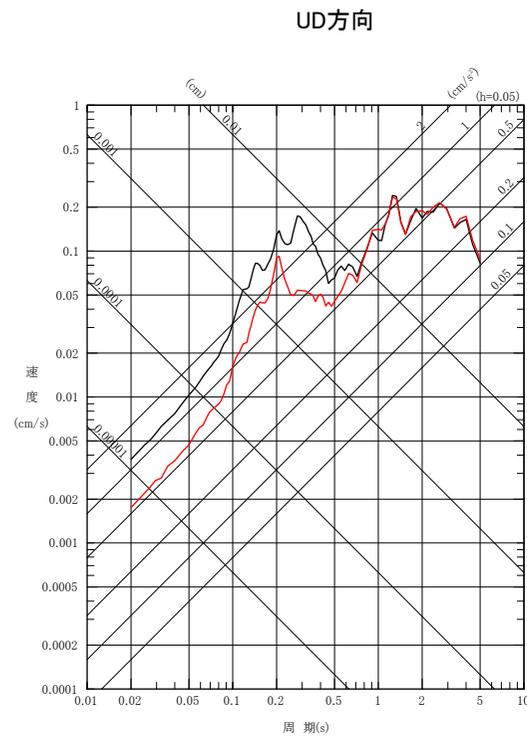
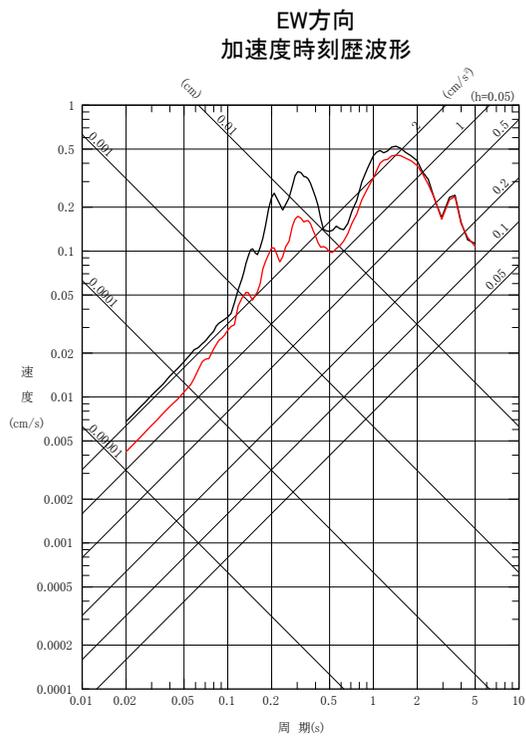
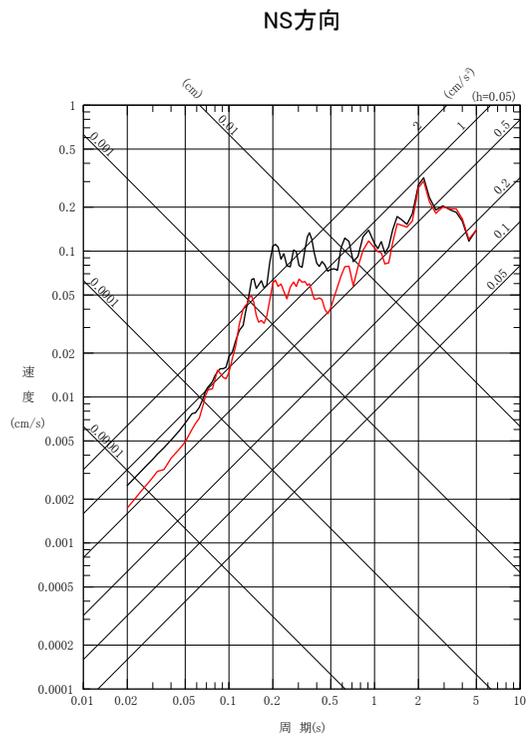
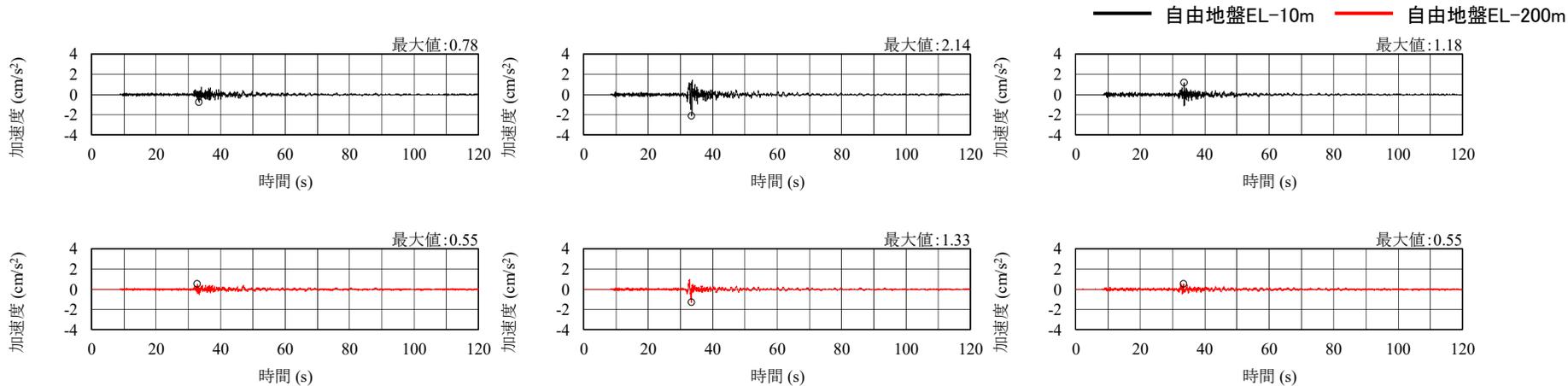


EW方向  
擬似速度応答スペクトル



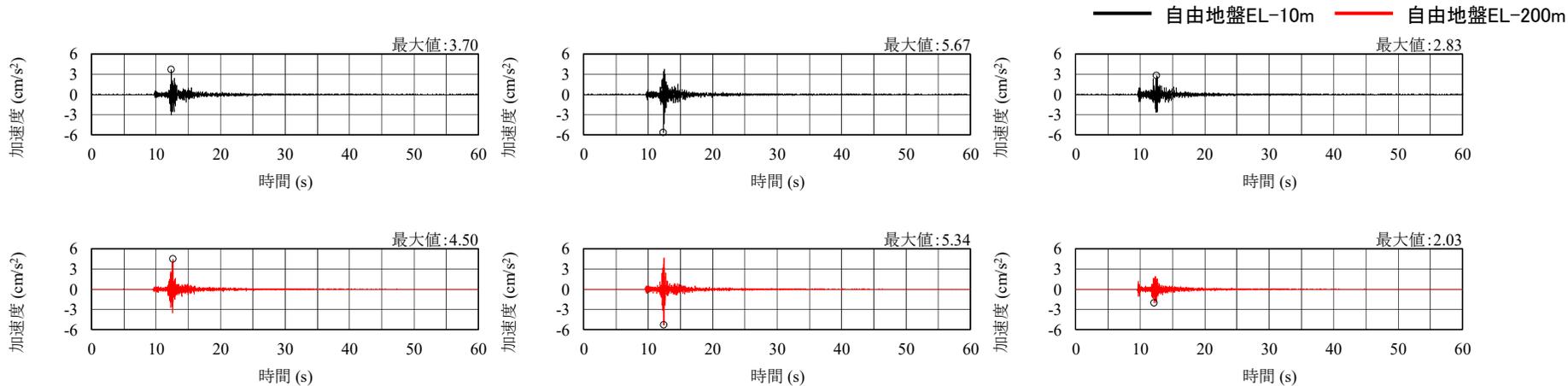
UD方向

# No.8



擬似速度応答スペクトル

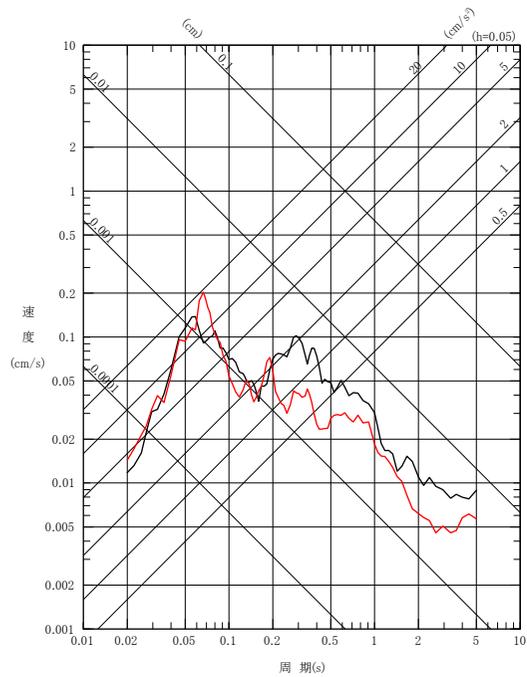
# No.9



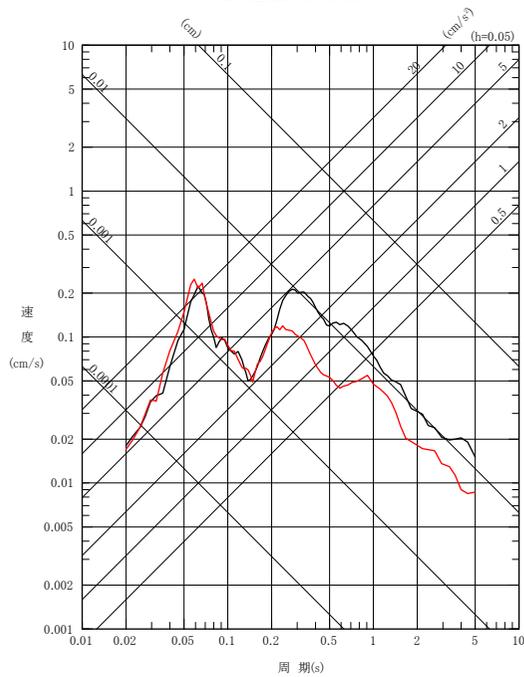
NS方向

EW方向  
加速度時刻歴波形

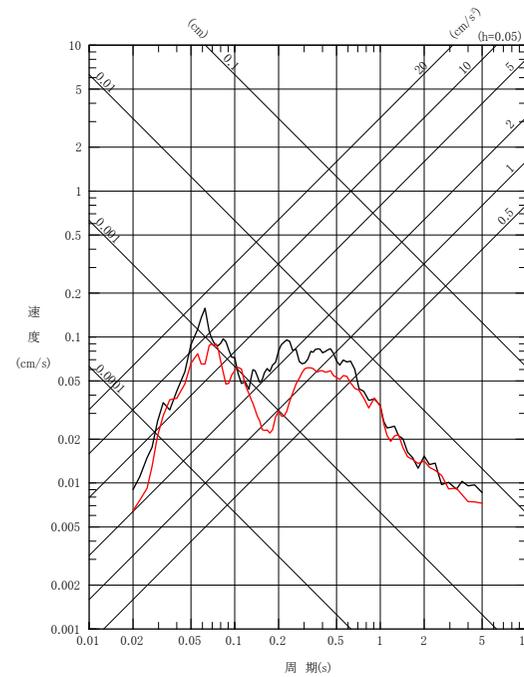
UD方向



NS方向

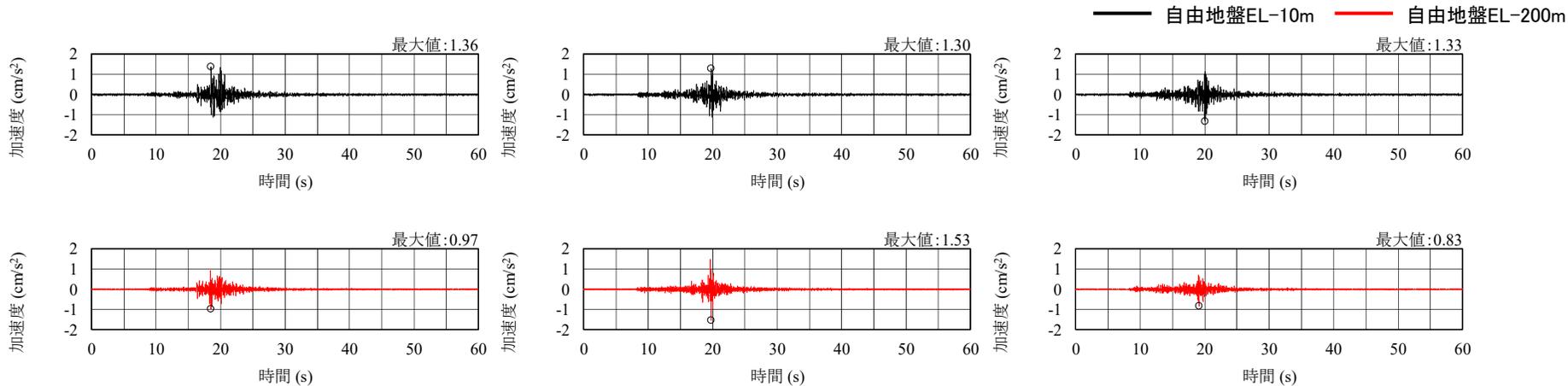


EW方向  
擬似速度応答スペクトル



UD方向

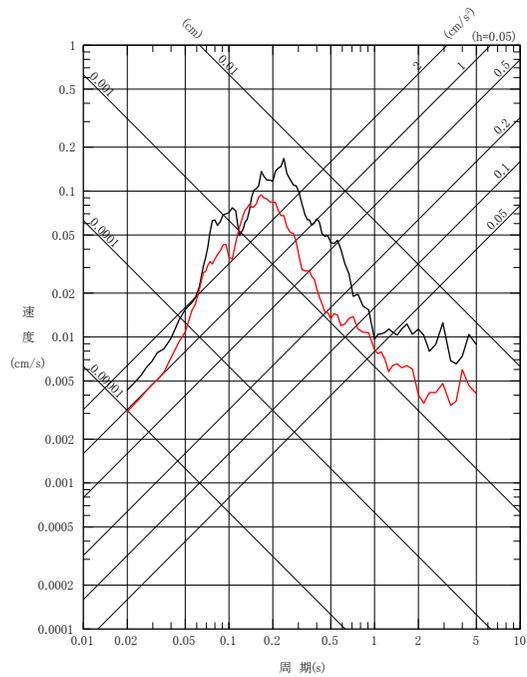
# No.10



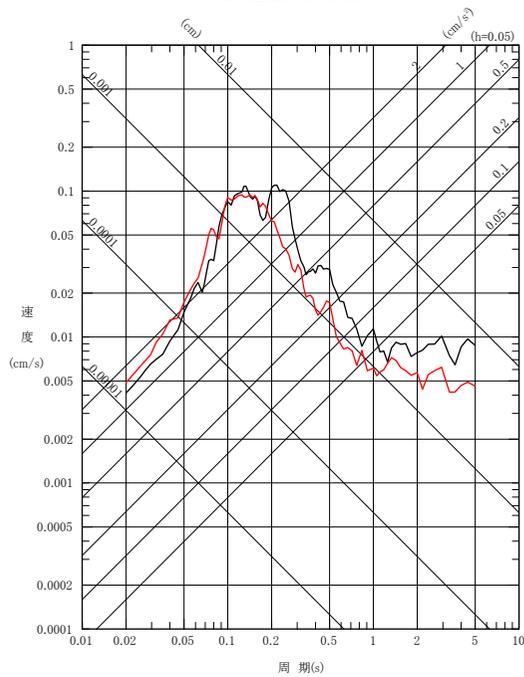
NS方向

EW方向  
加速度時刻歴波形

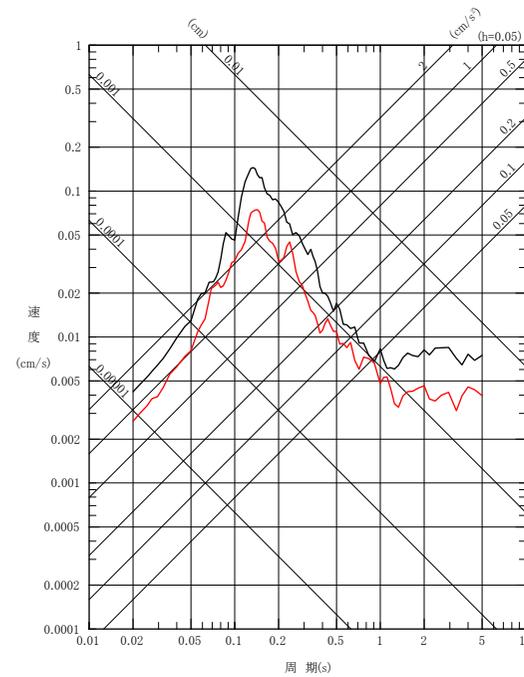
UD方向



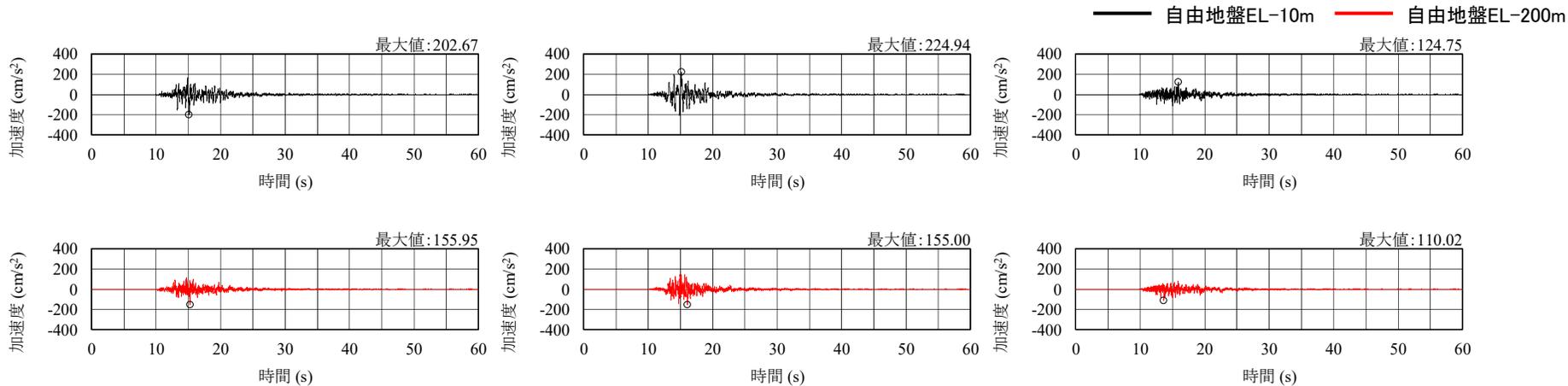
NS方向



EW方向  
擬似速度応答スペクトル



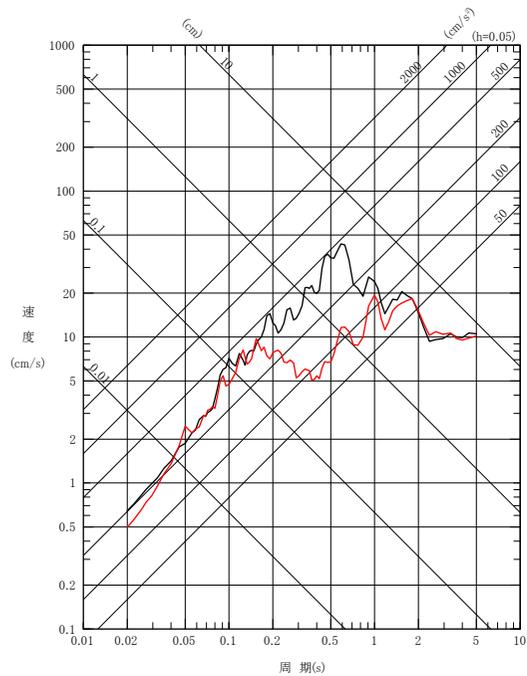
UD方向



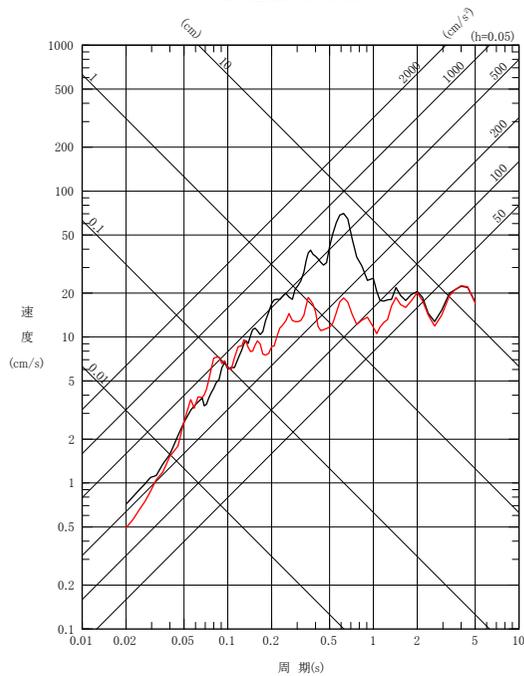
NS方向

EW方向  
加速度時刻歴波形

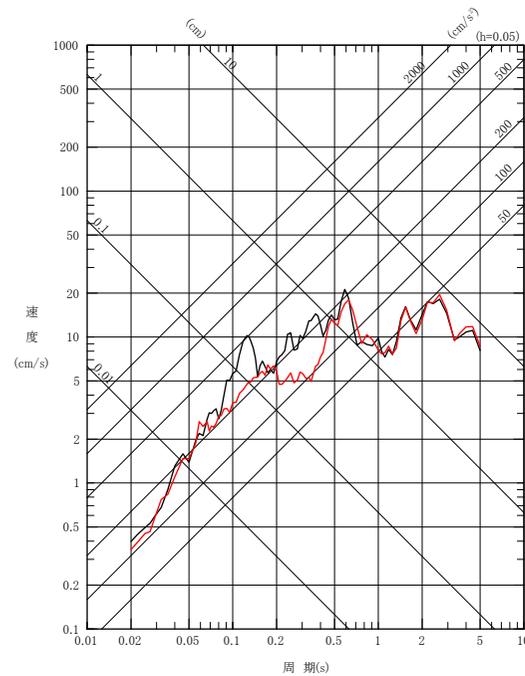
UD方向



NS方向

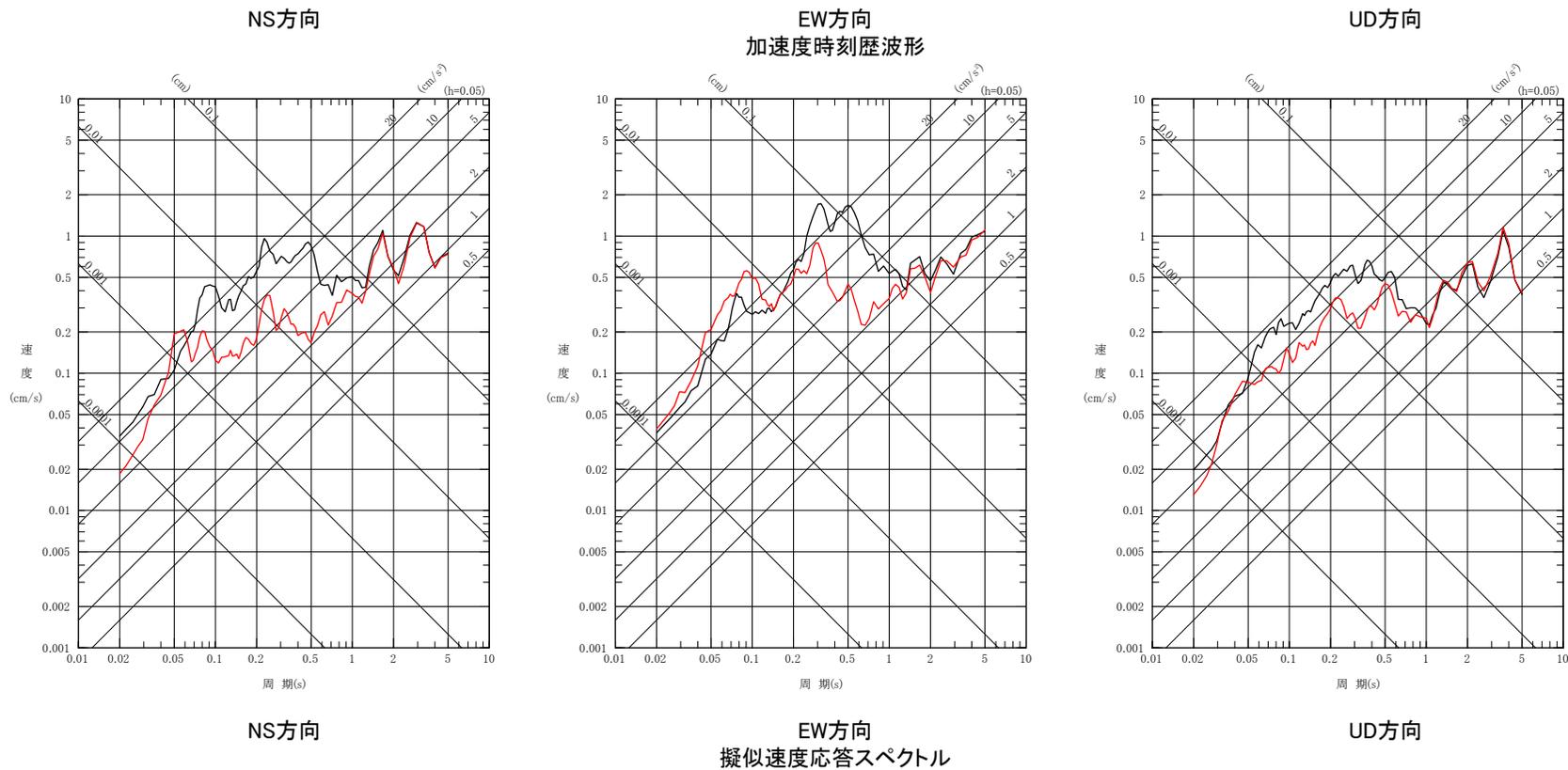
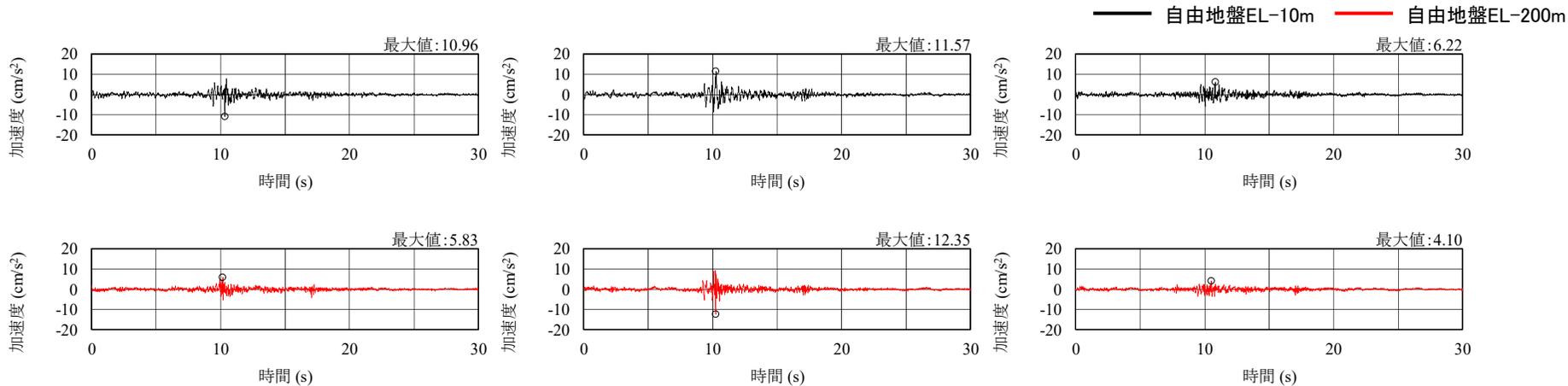


EW方向  
擬似速度応答スペクトル

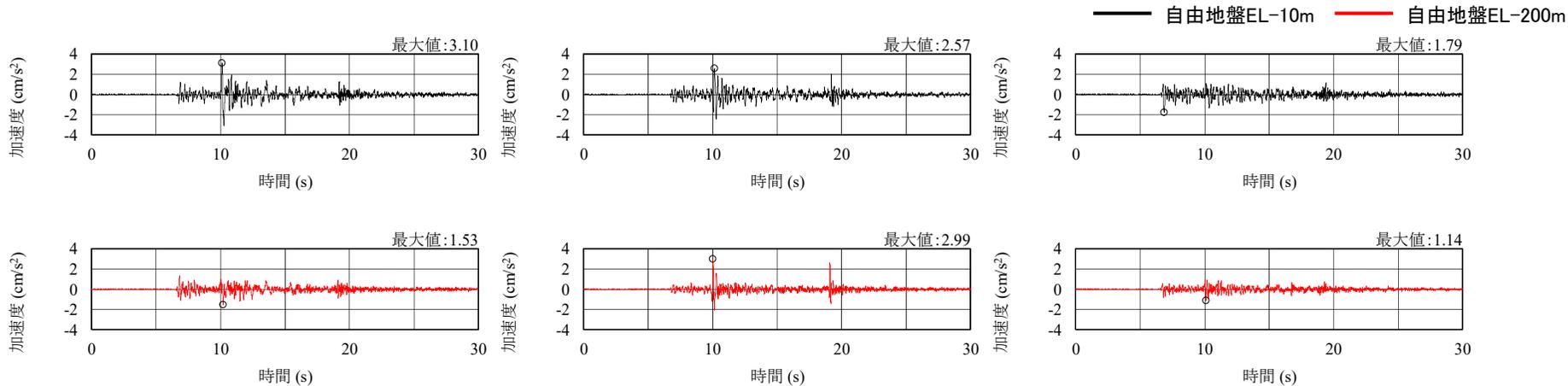


UD方向

# No.12



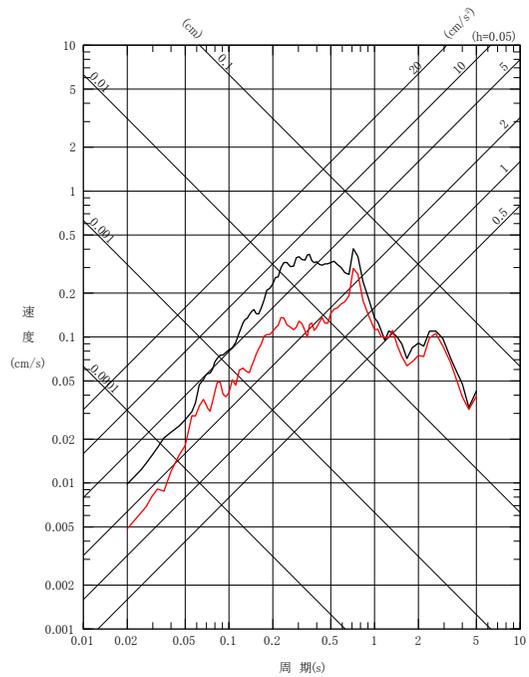
# No.13



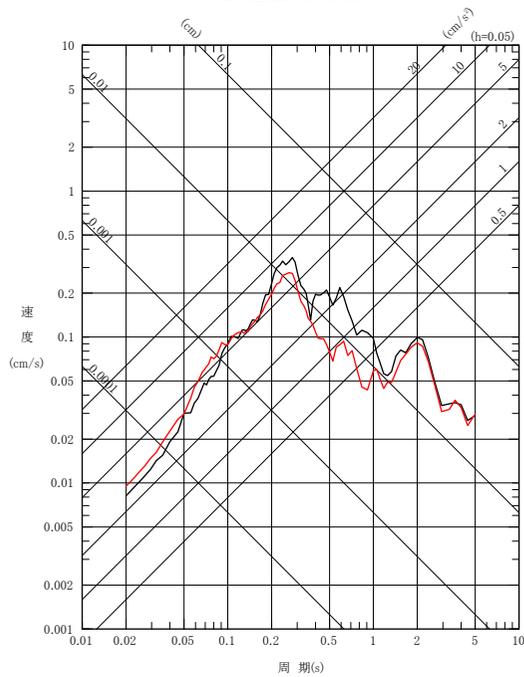
NS方向

EW方向  
加速度時刻歴波形

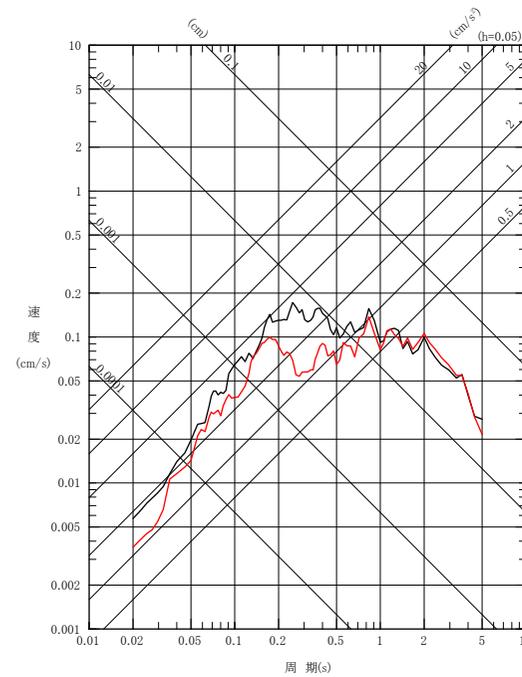
UD方向



NS方向

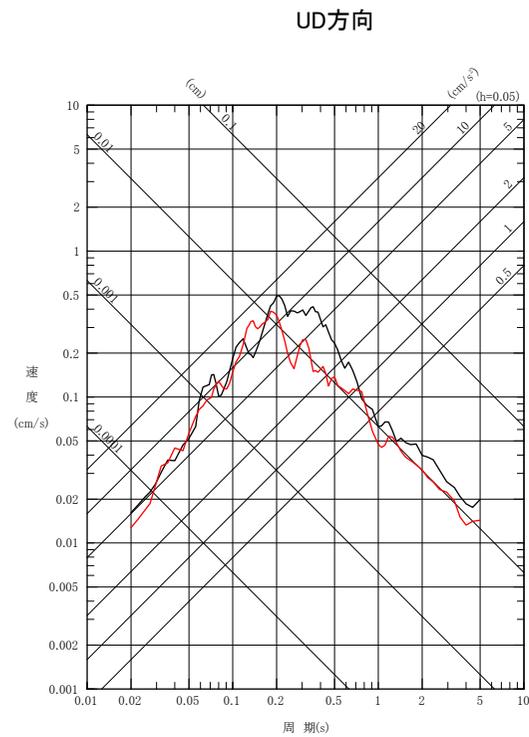
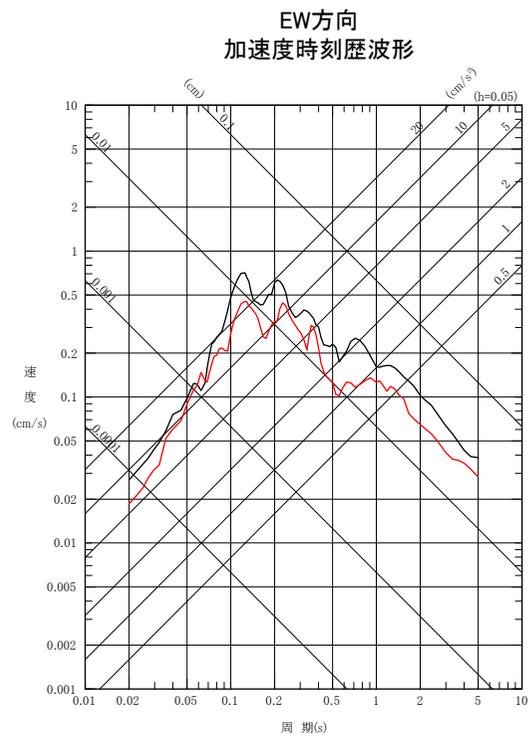
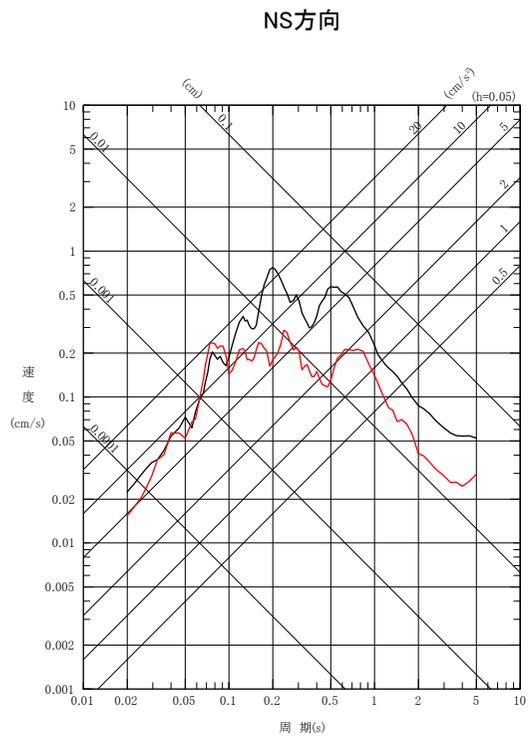
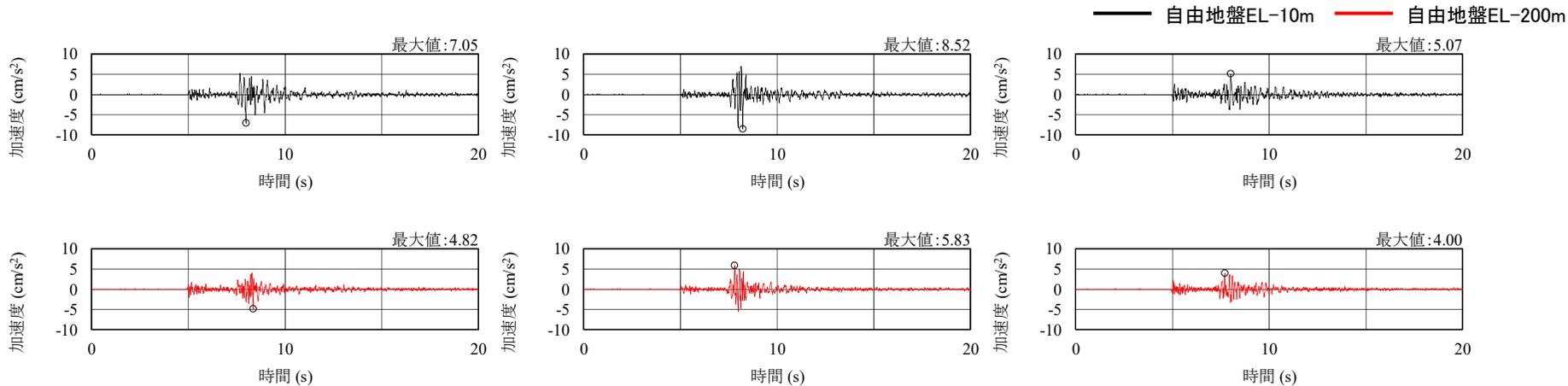


EW方向  
擬似速度応答スペクトル

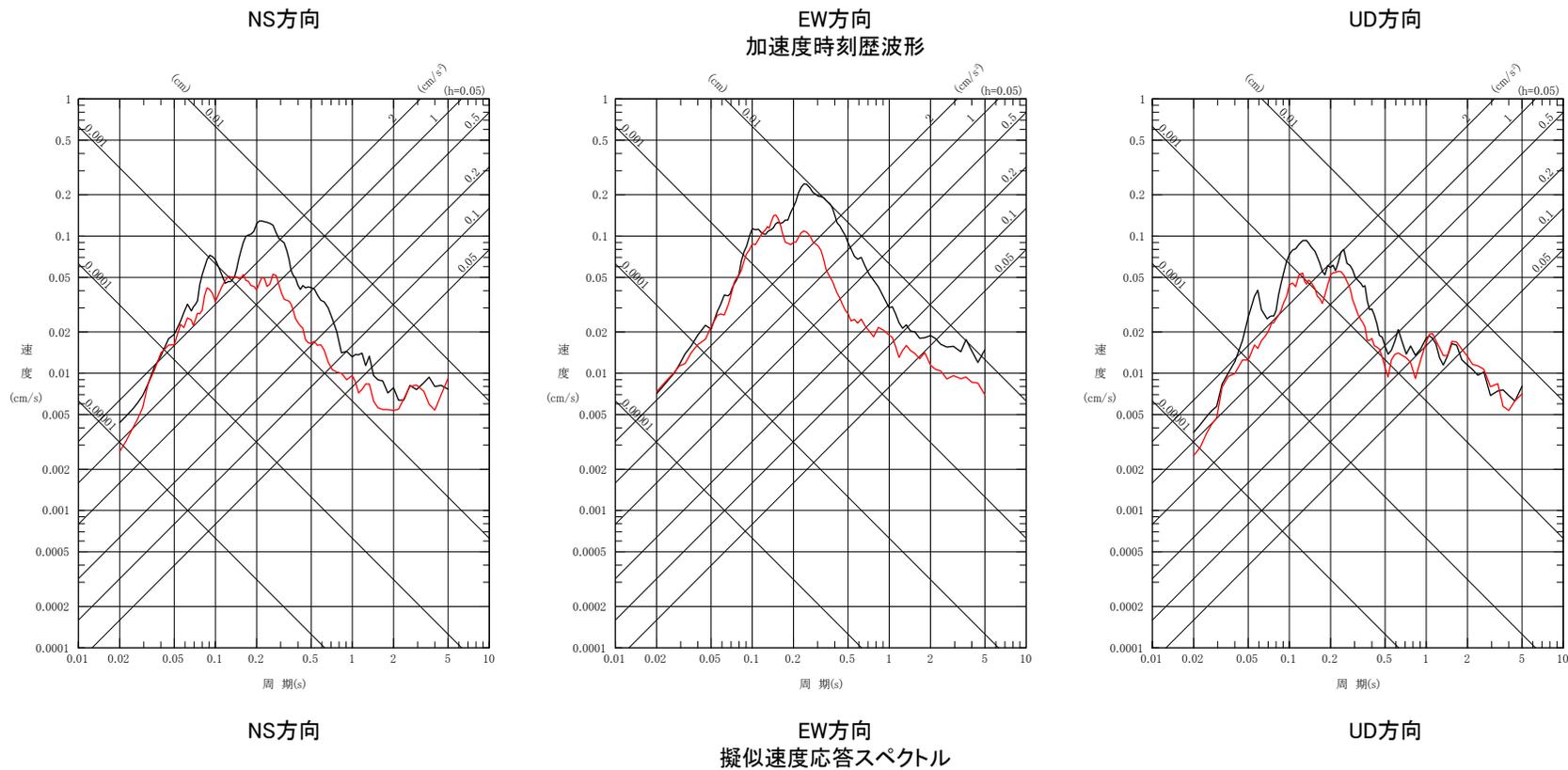
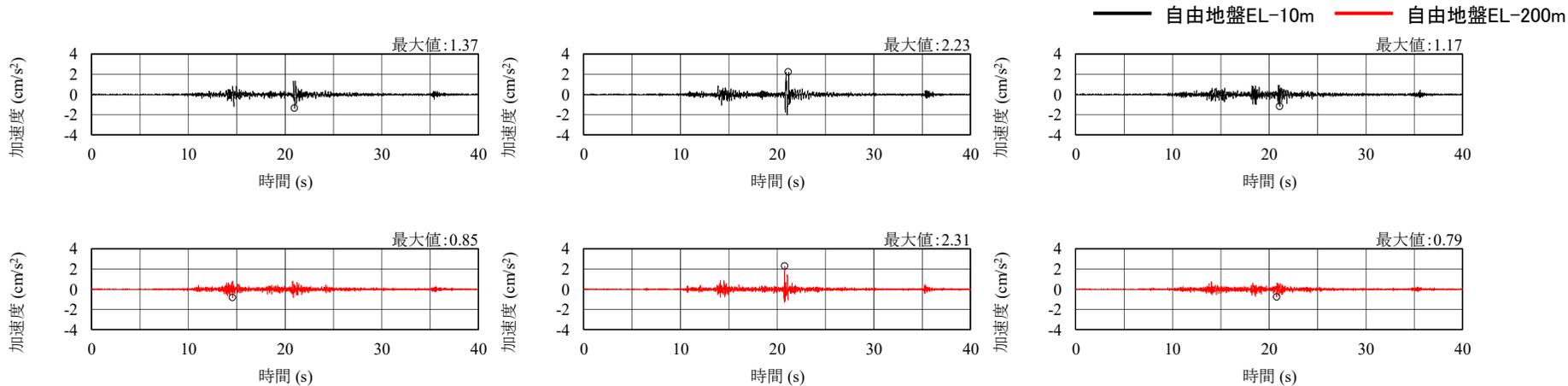


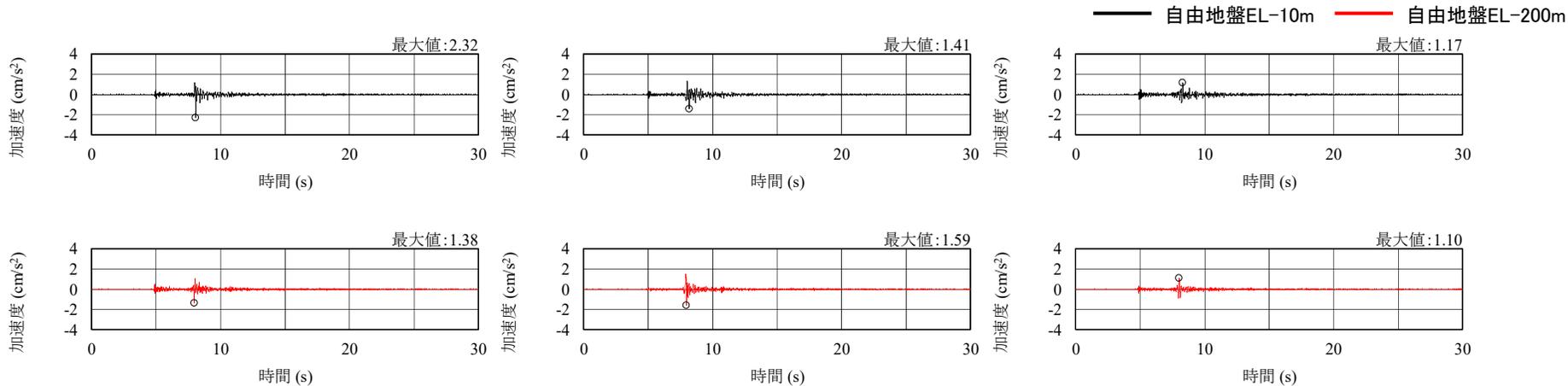
UD方向

# No.14



# No.15

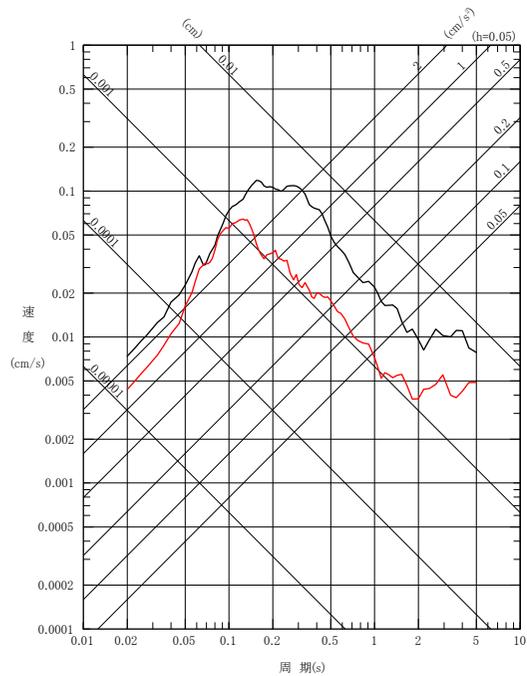




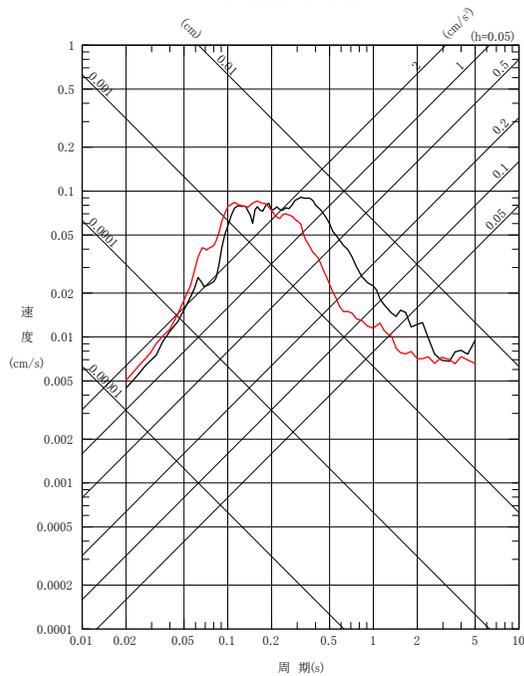
NS方向

EW方向  
加速度時刻歴波形

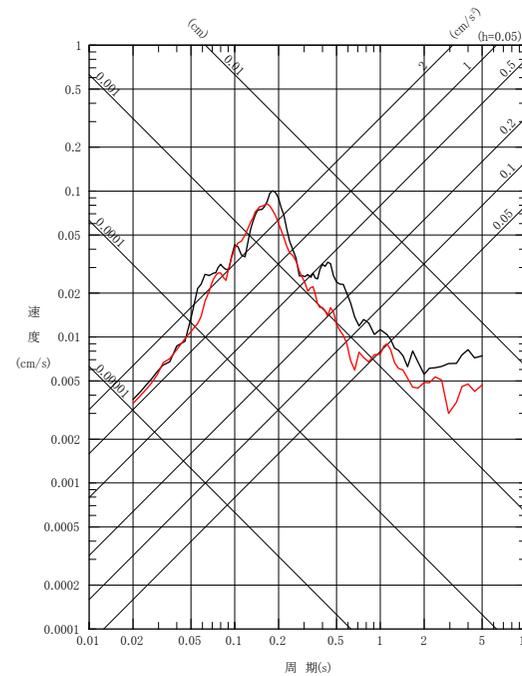
UD方向



NS方向

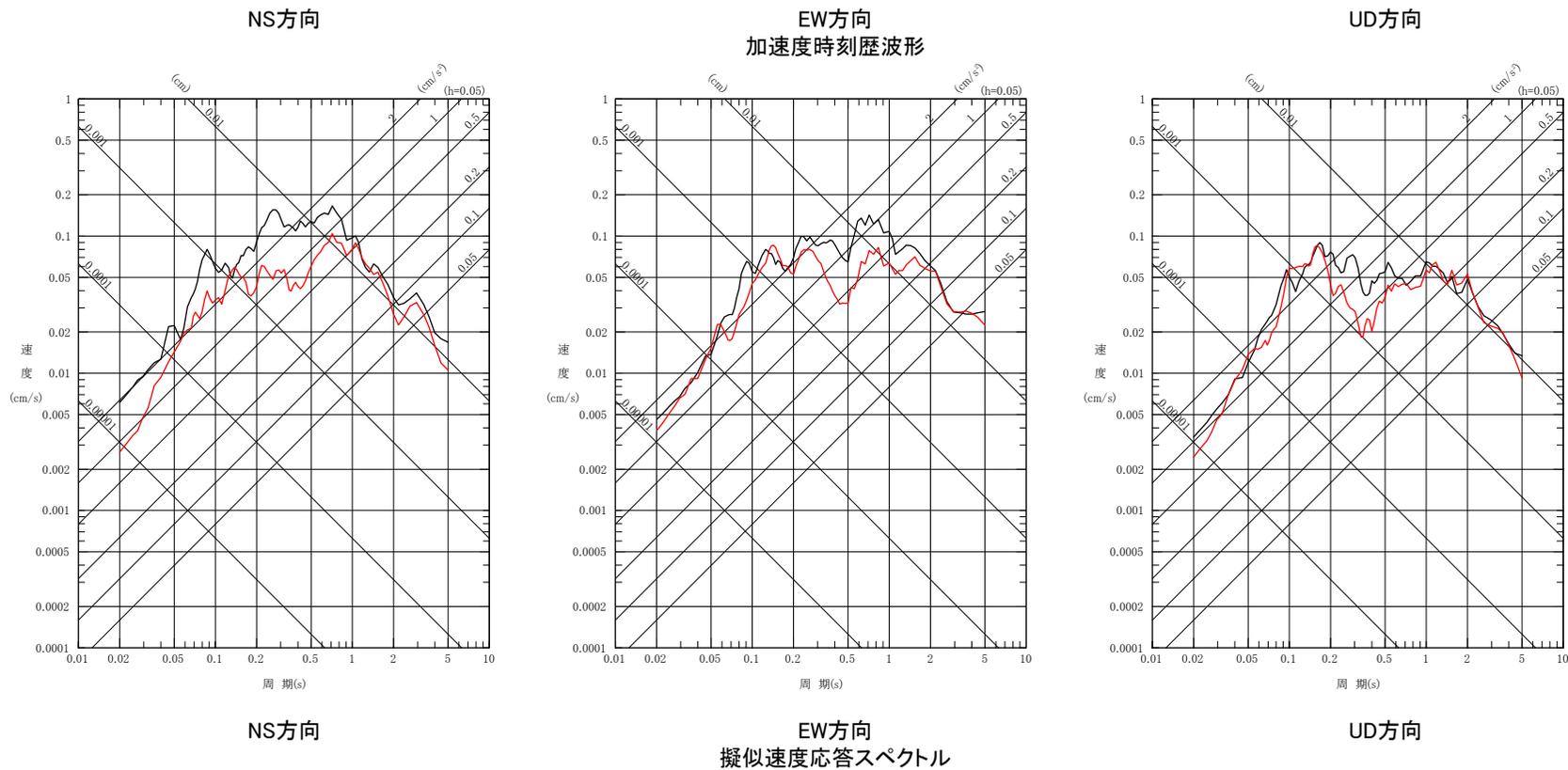
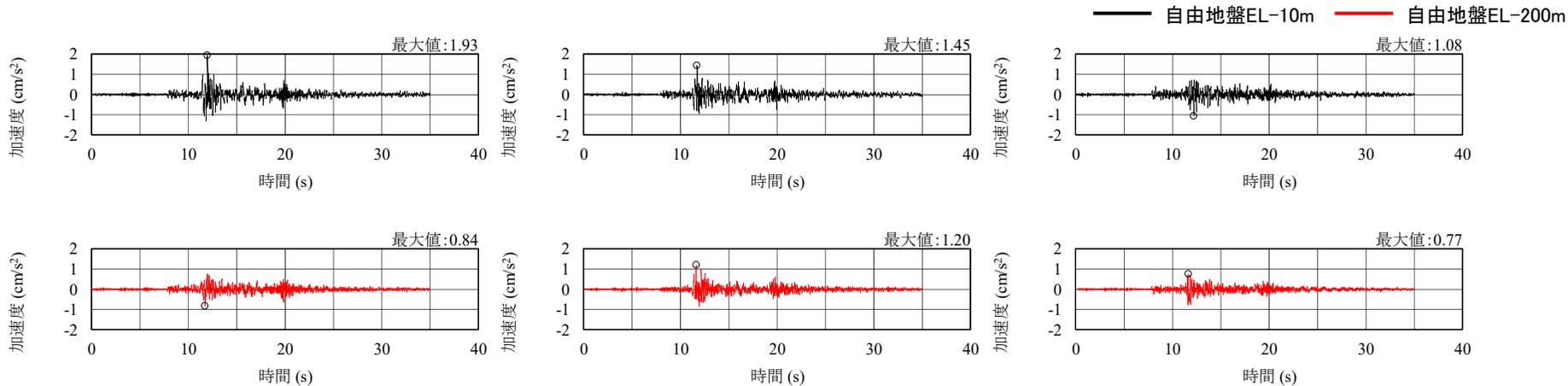


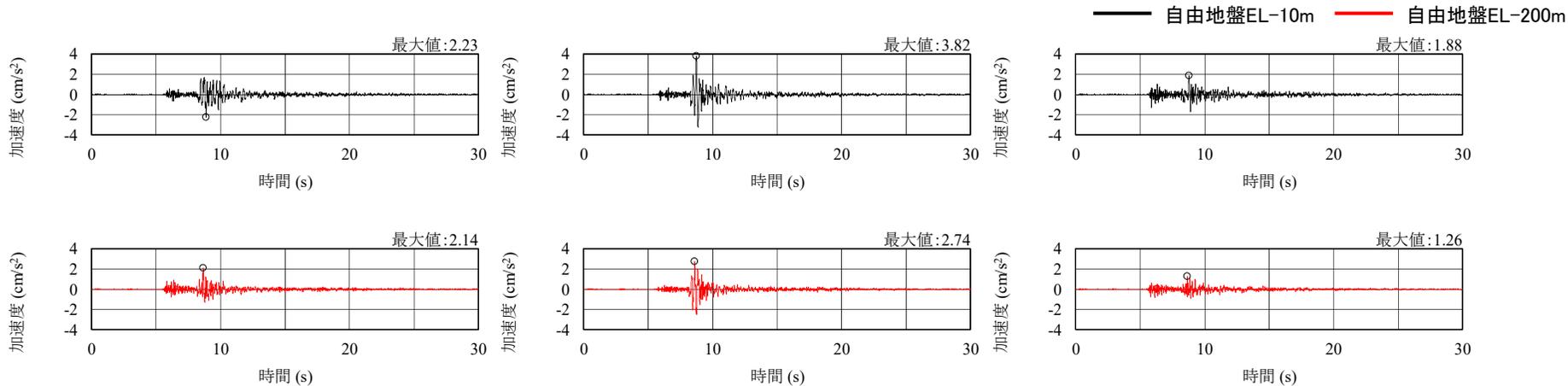
EW方向  
擬似速度応答スペクトル



UD方向

# No.17

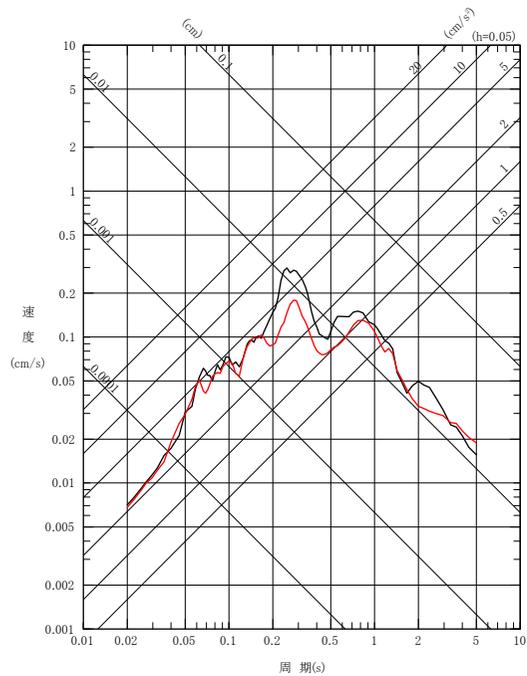




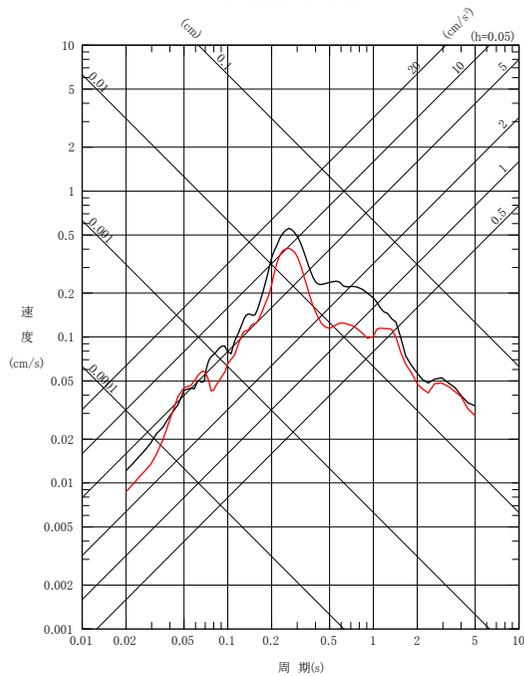
NS方向

EW方向  
加速度時刻歴波形

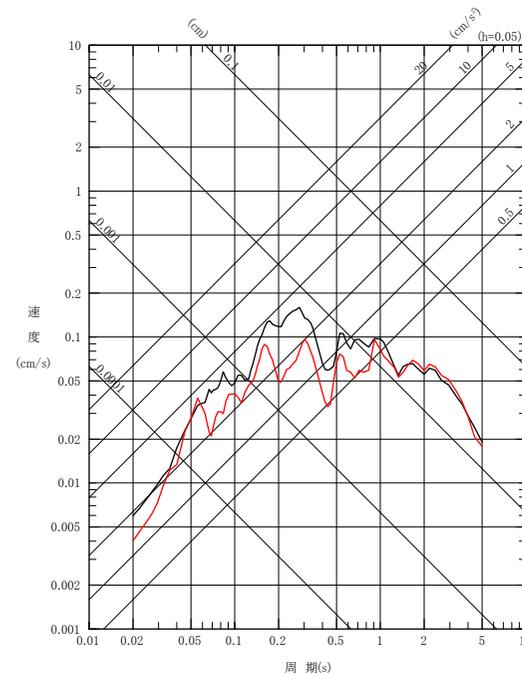
UD方向



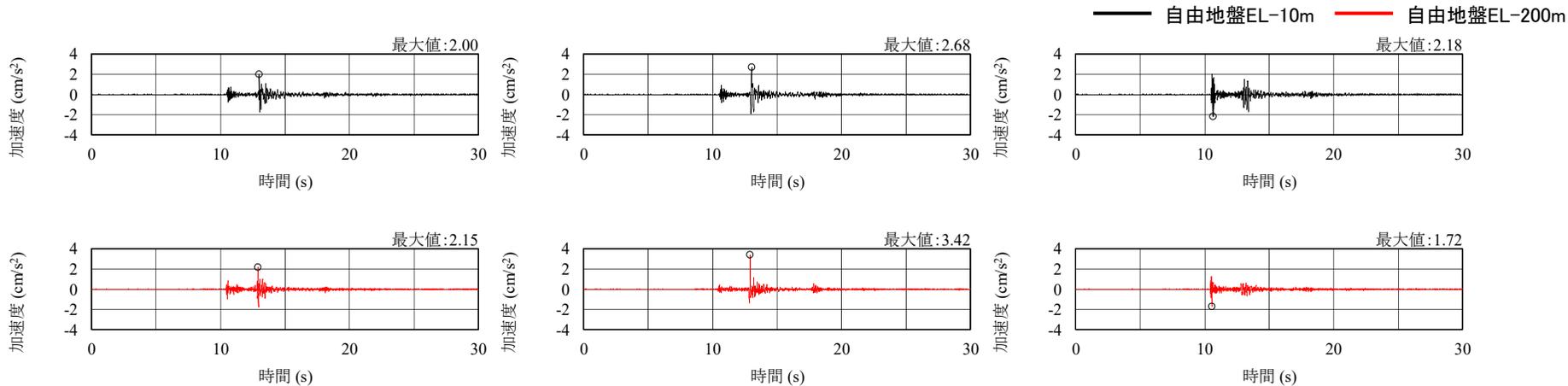
NS方向



EW方向  
擬似速度応答スペクトル



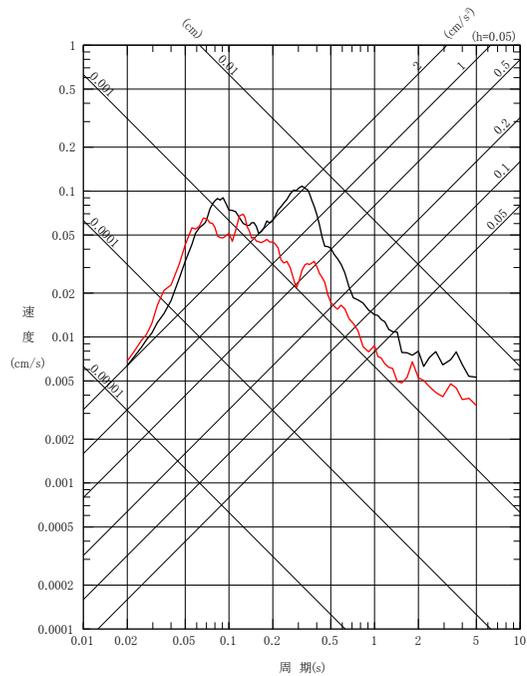
UD方向



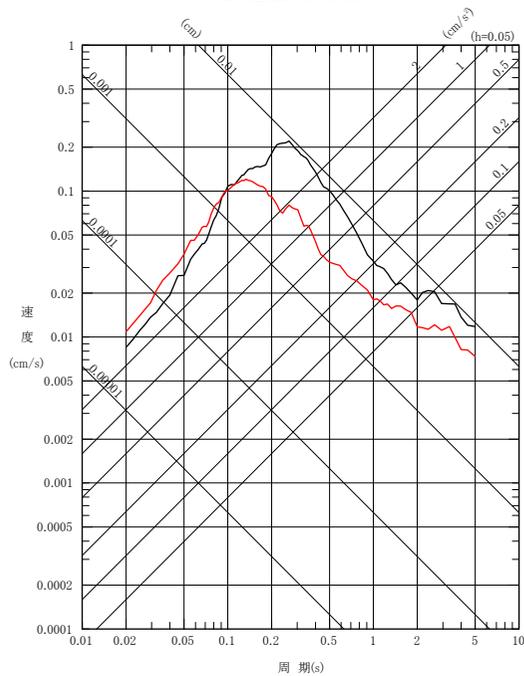
NS方向

EW方向  
加速度時刻歴波形

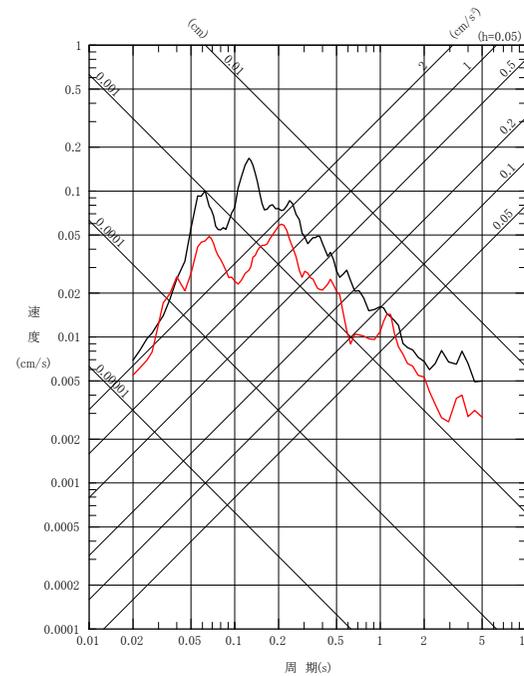
UD方向



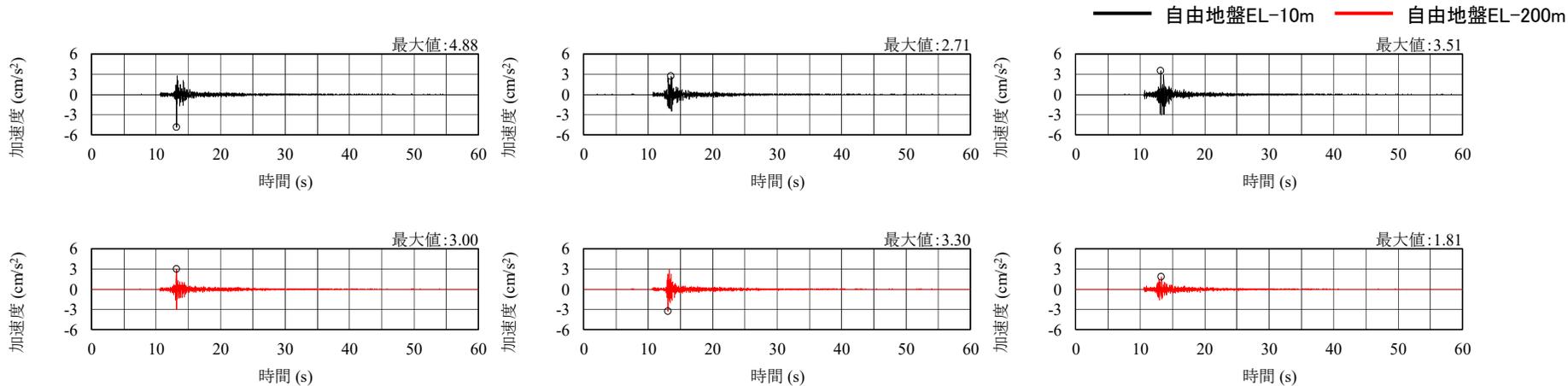
NS方向



EW方向  
擬似速度応答スペクトル



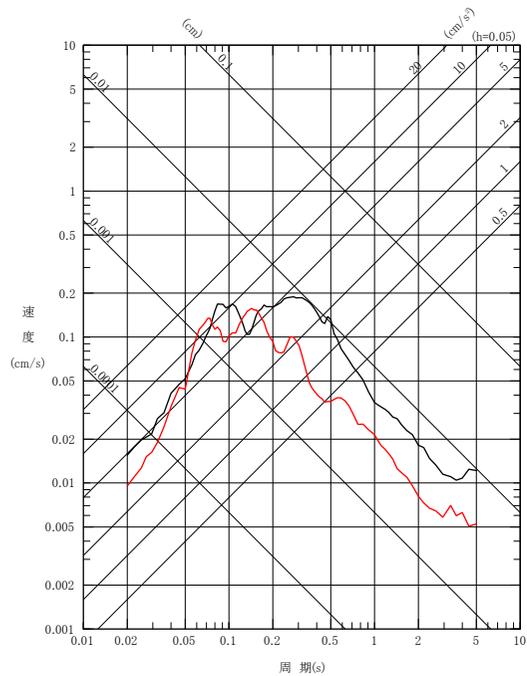
UD方向



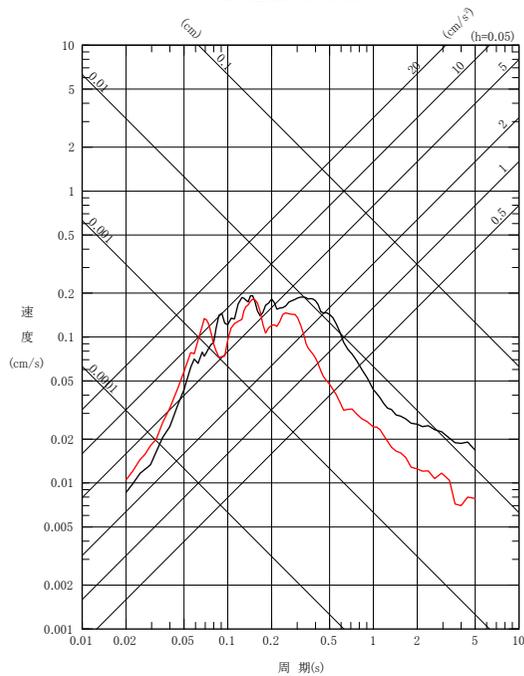
NS方向

EW方向  
加速度時刻歴波形

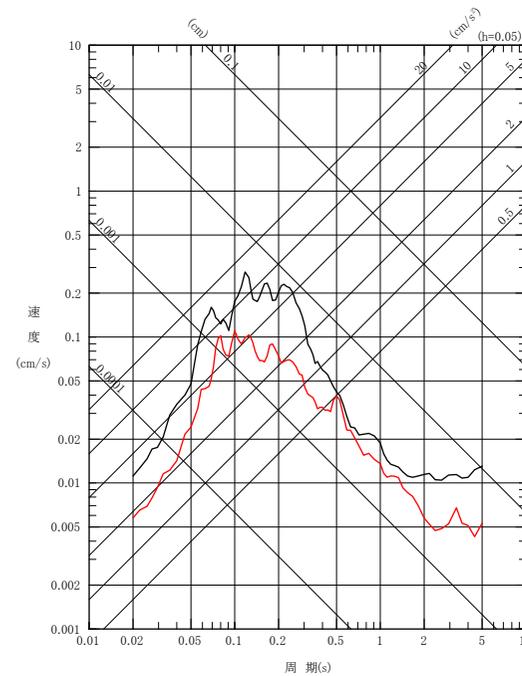
UD方向



NS方向

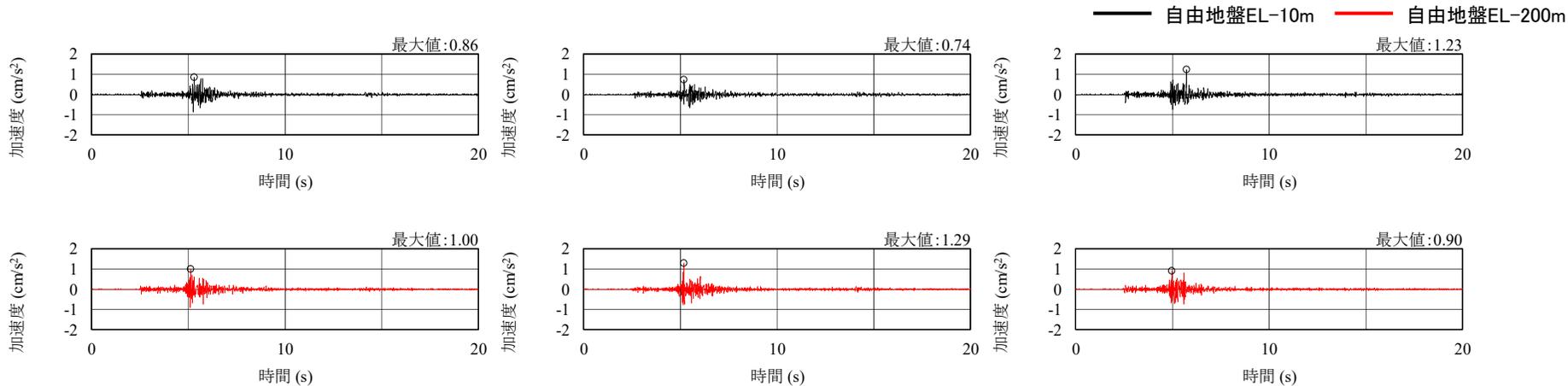


EW方向  
擬似速度応答スペクトル



UD方向

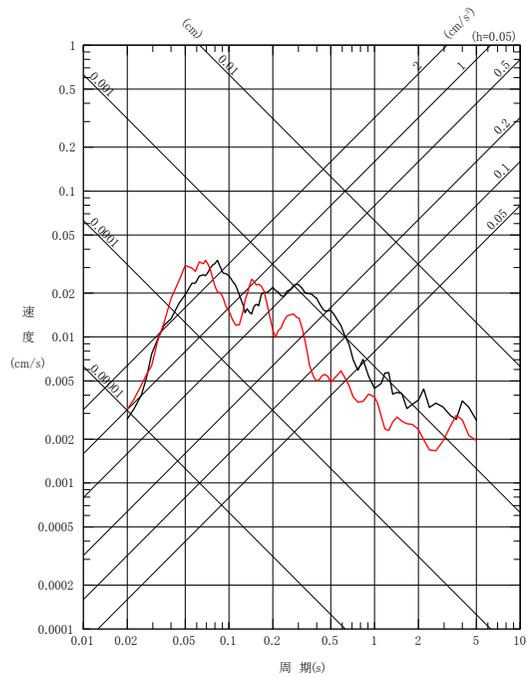
# No.21



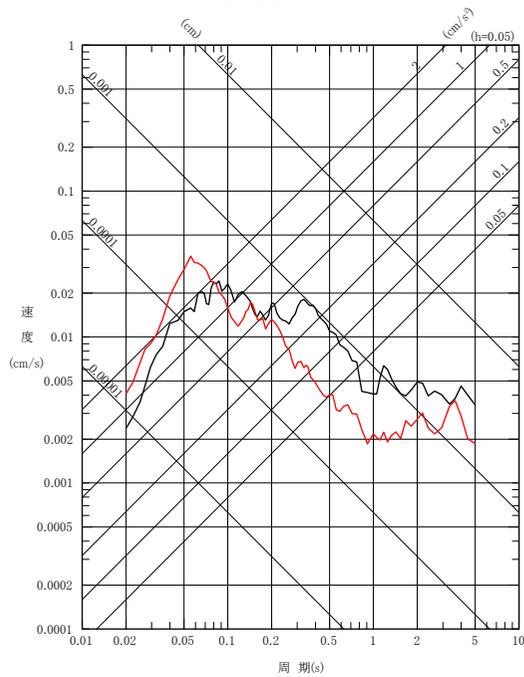
NS方向

EW方向  
加速度時刻歴波形

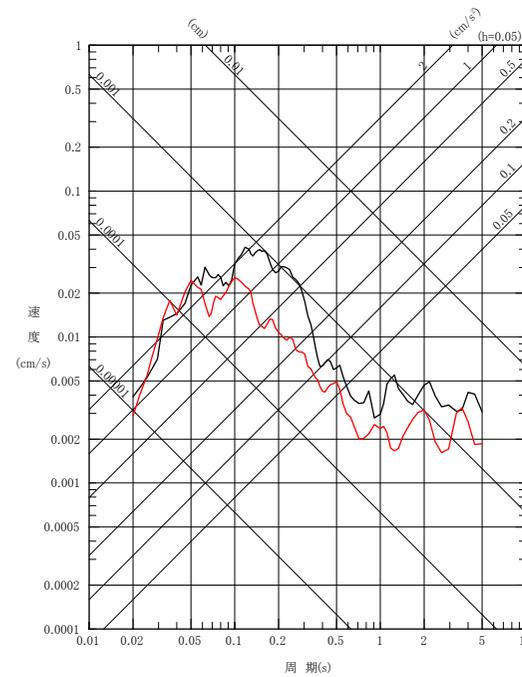
UD方向



NS方向

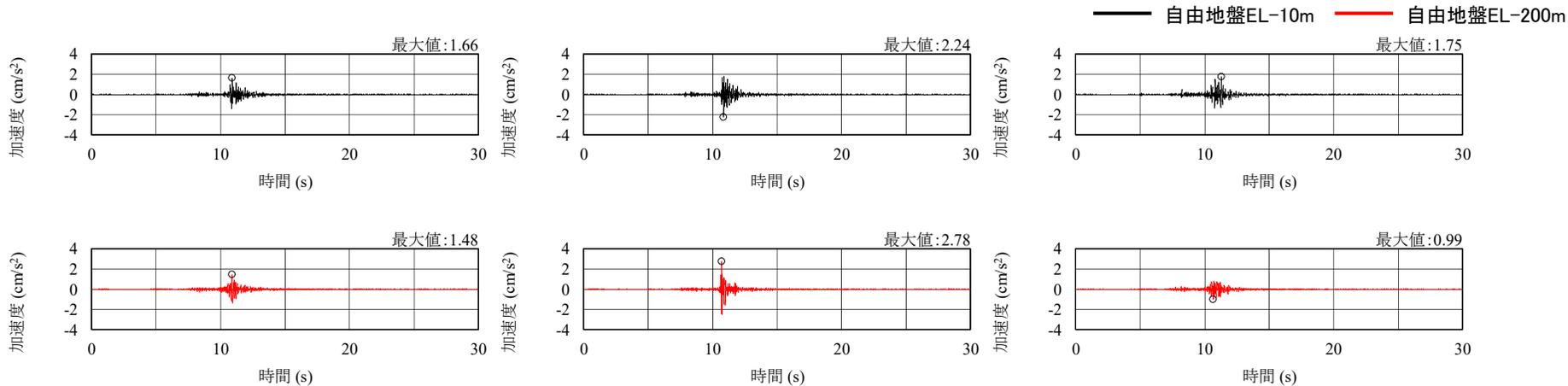


EW方向  
擬似速度応答スペクトル



UD方向

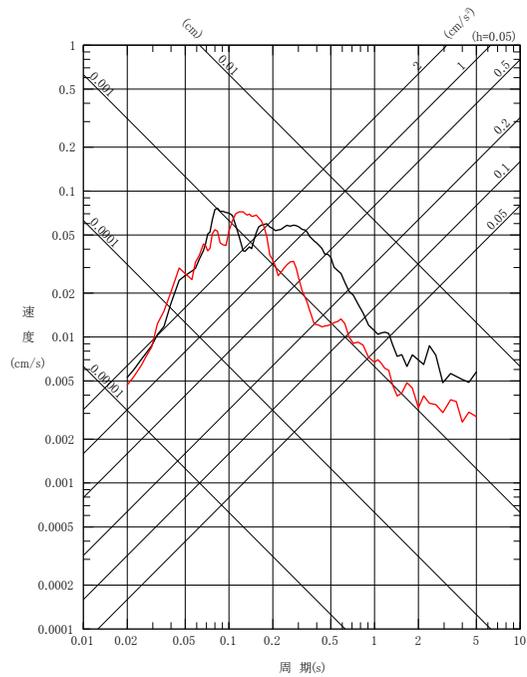
# No.22



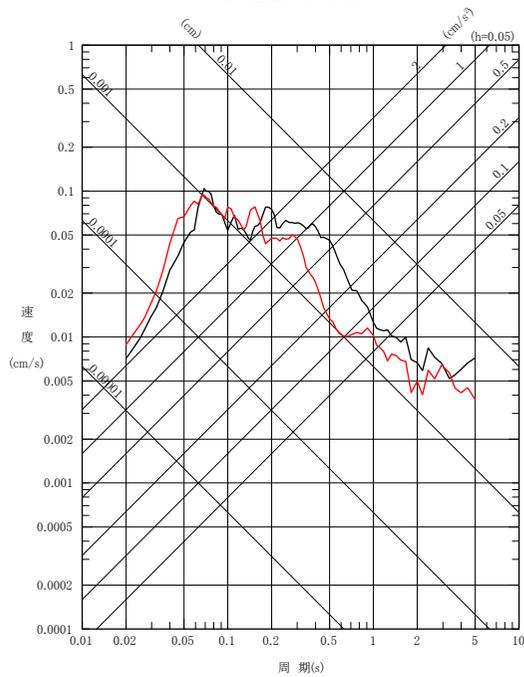
NS方向

EW方向  
加速度時刻歴波形

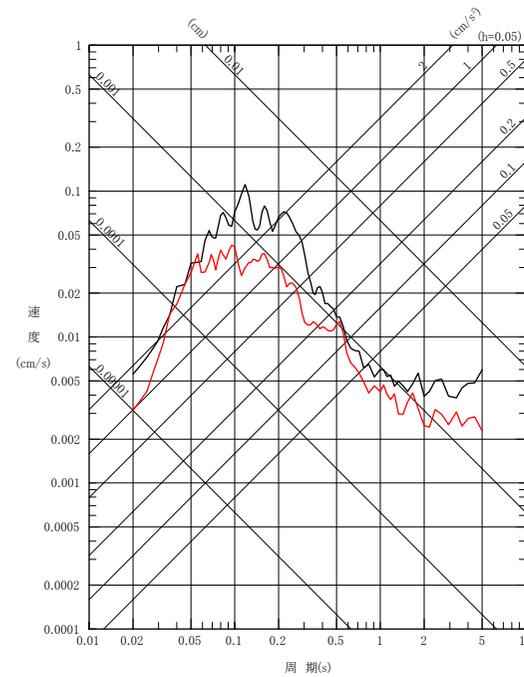
UD方向



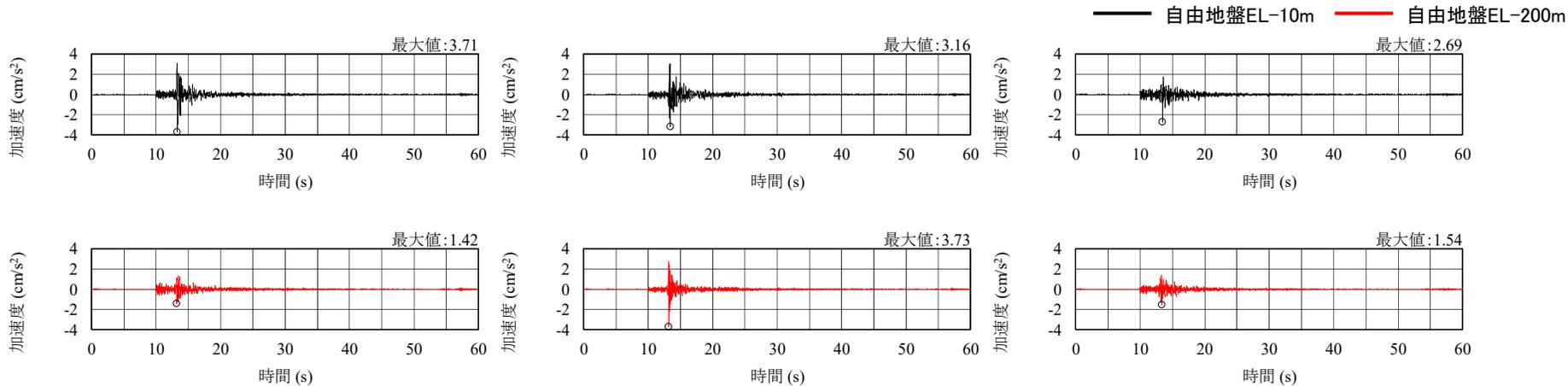
NS方向



EW方向  
擬似速度応答スペクトル



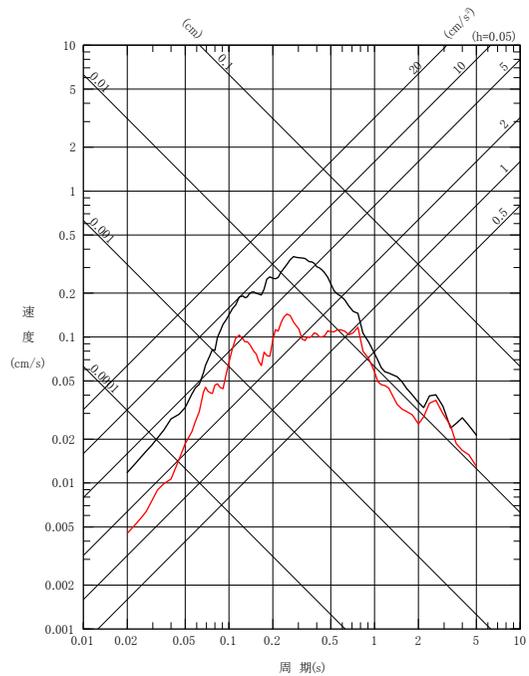
UD方向



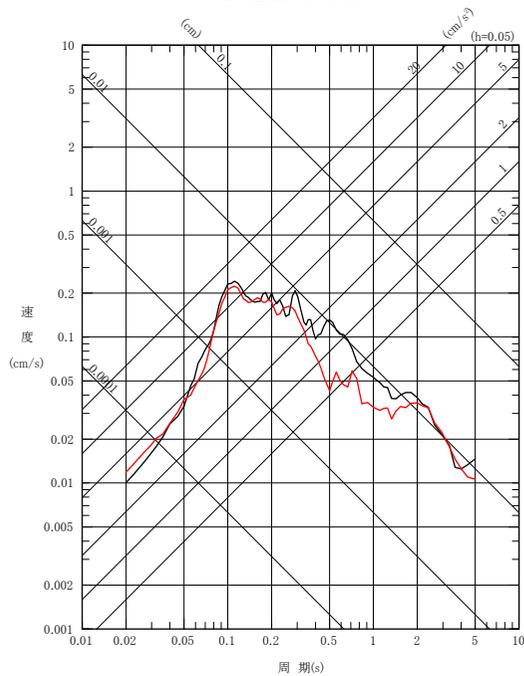
NS方向

EW方向  
加速度時刻歴波形

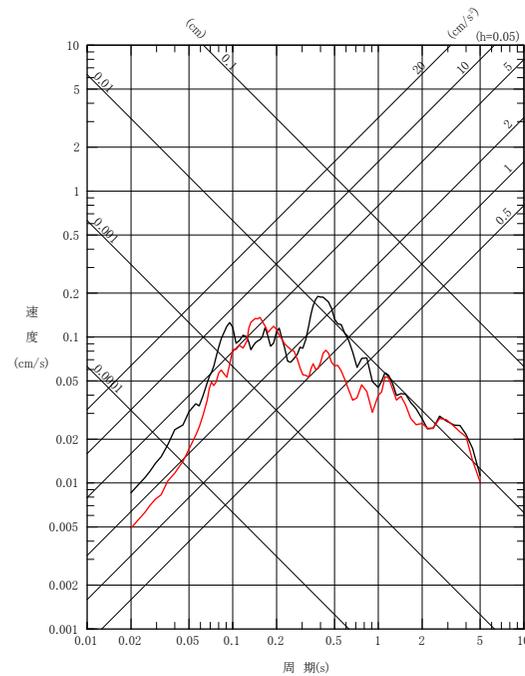
UD方向



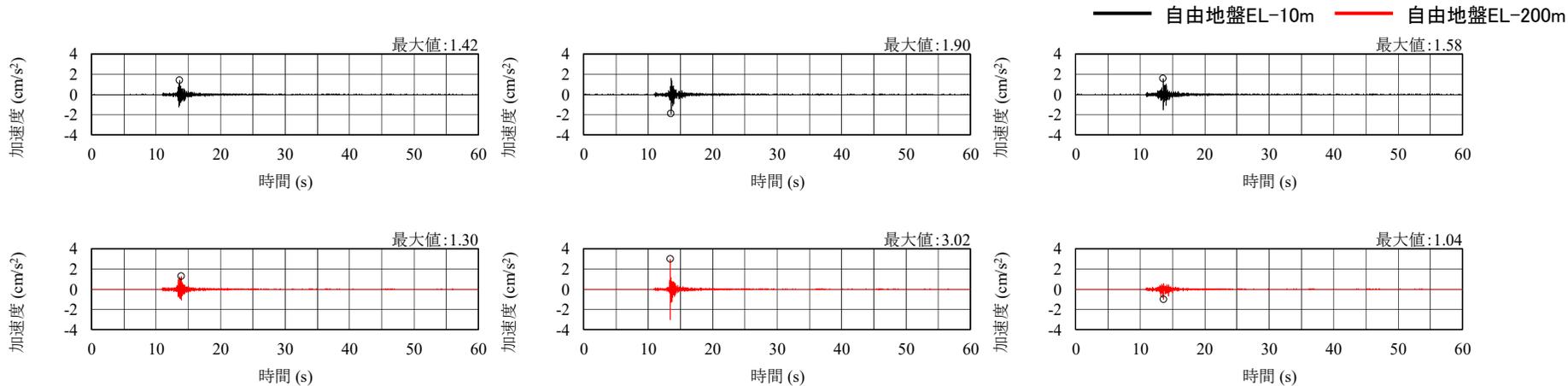
NS方向



EW方向  
擬似速度応答スペクトル



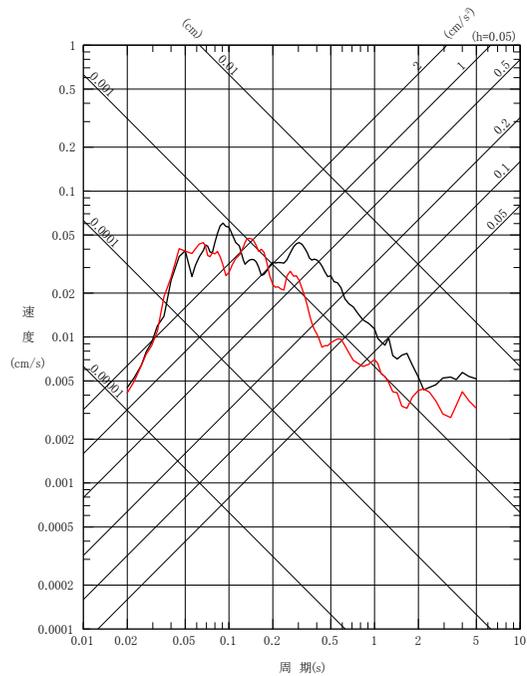
UD方向



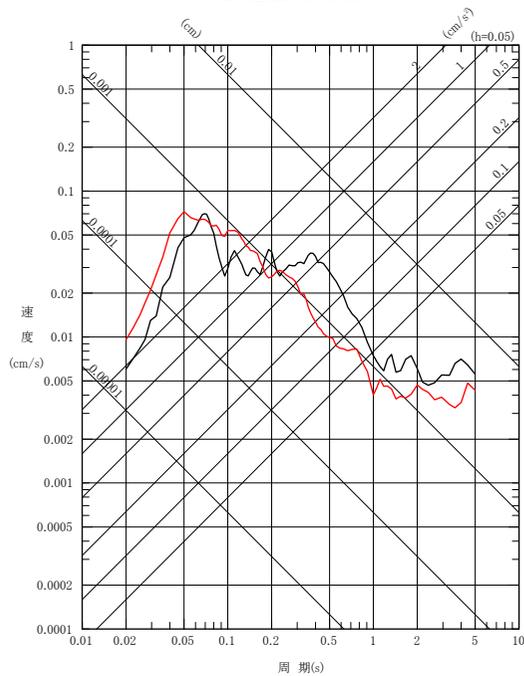
NS方向

EW方向  
加速度時刻歴波形

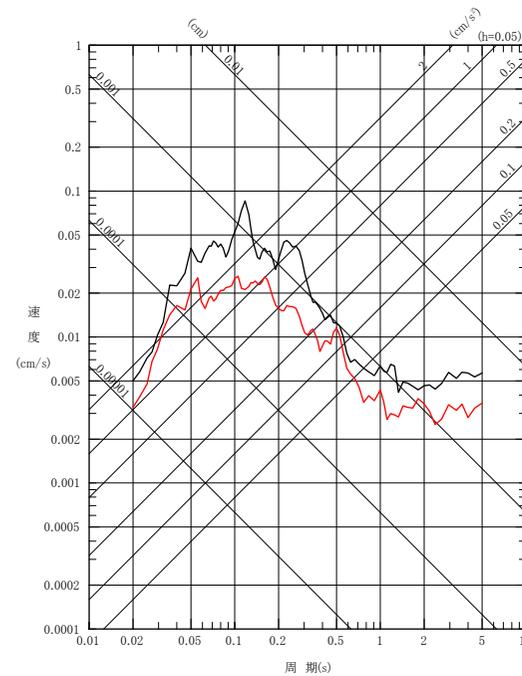
UD方向



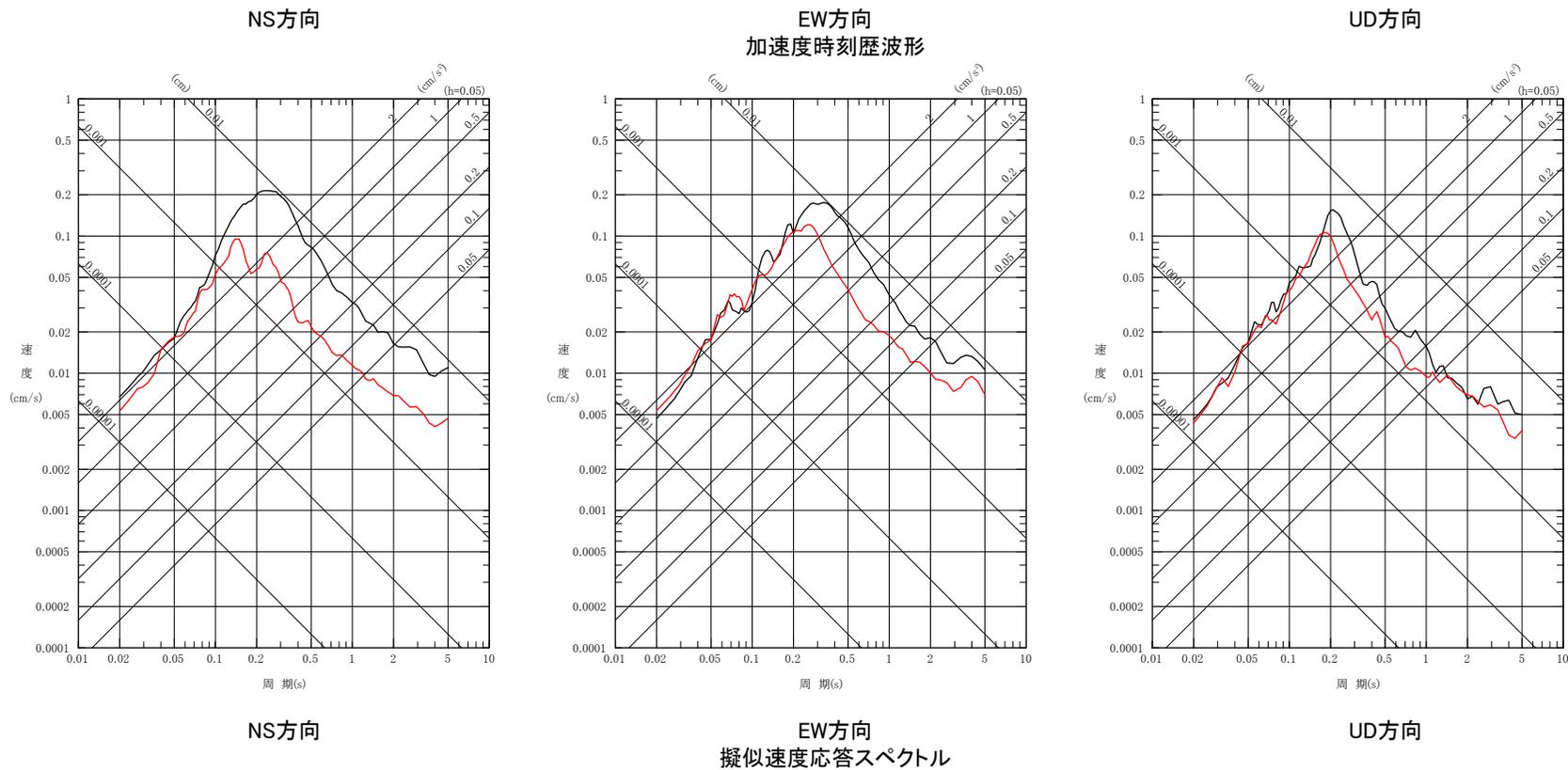
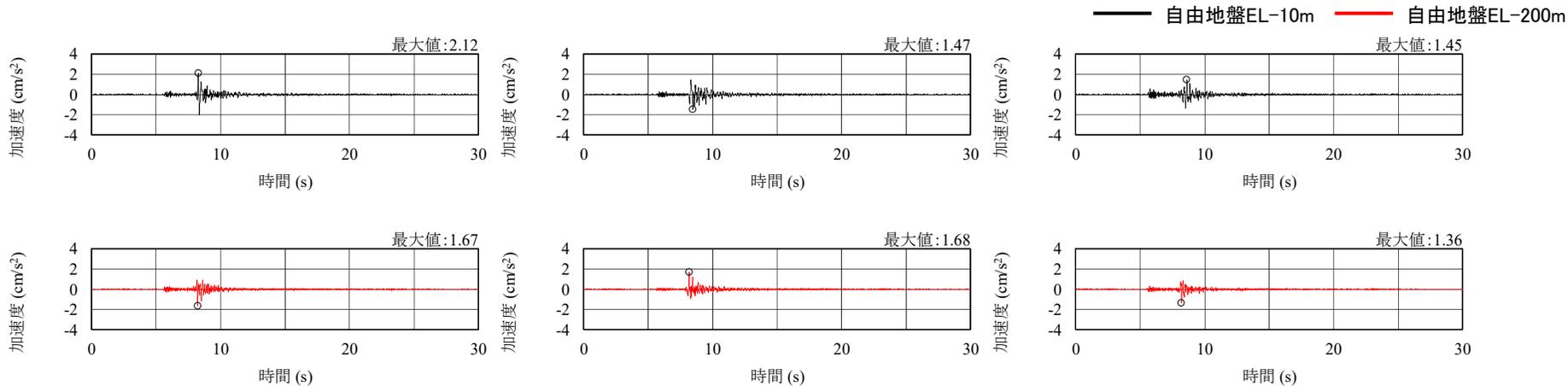
NS方向



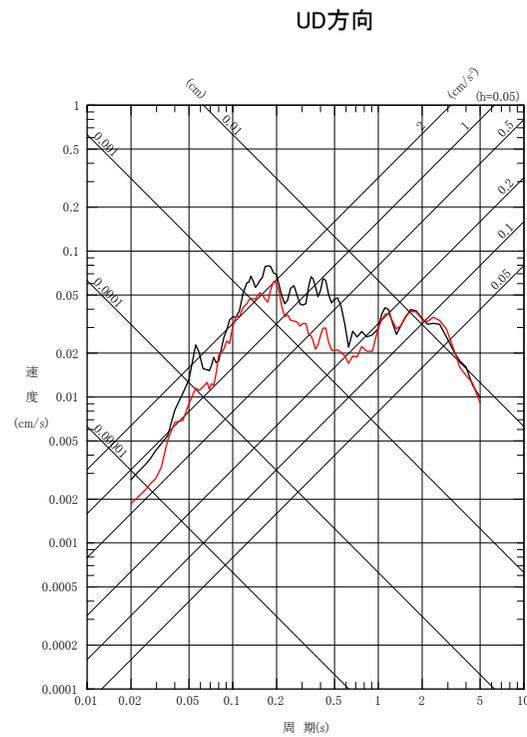
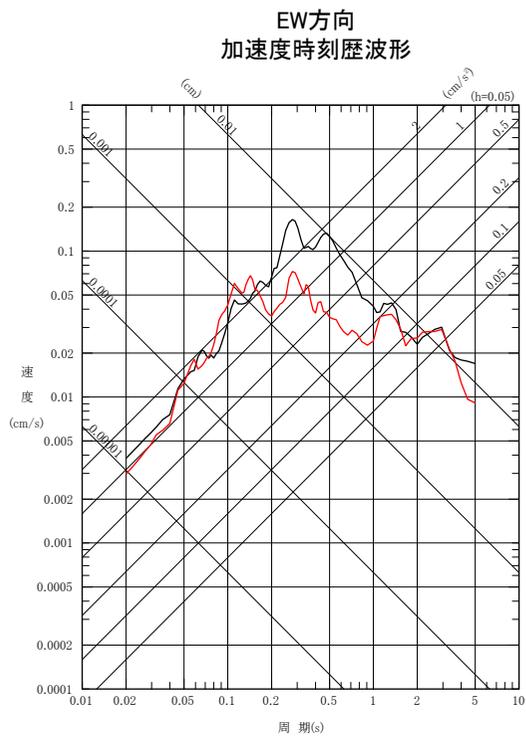
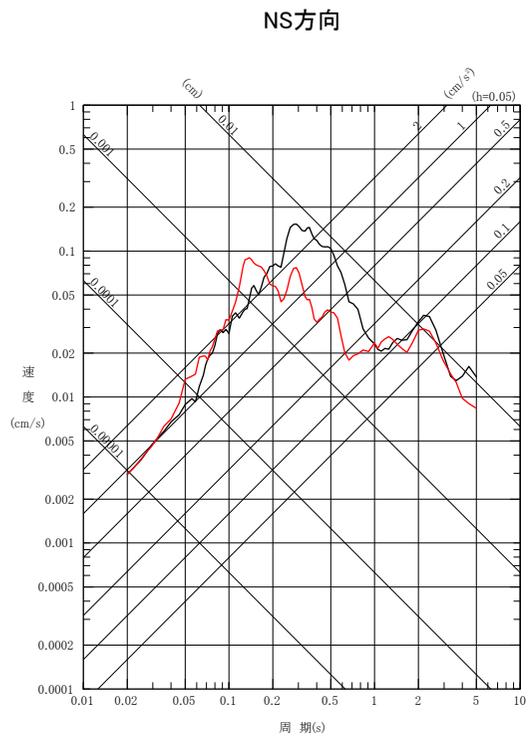
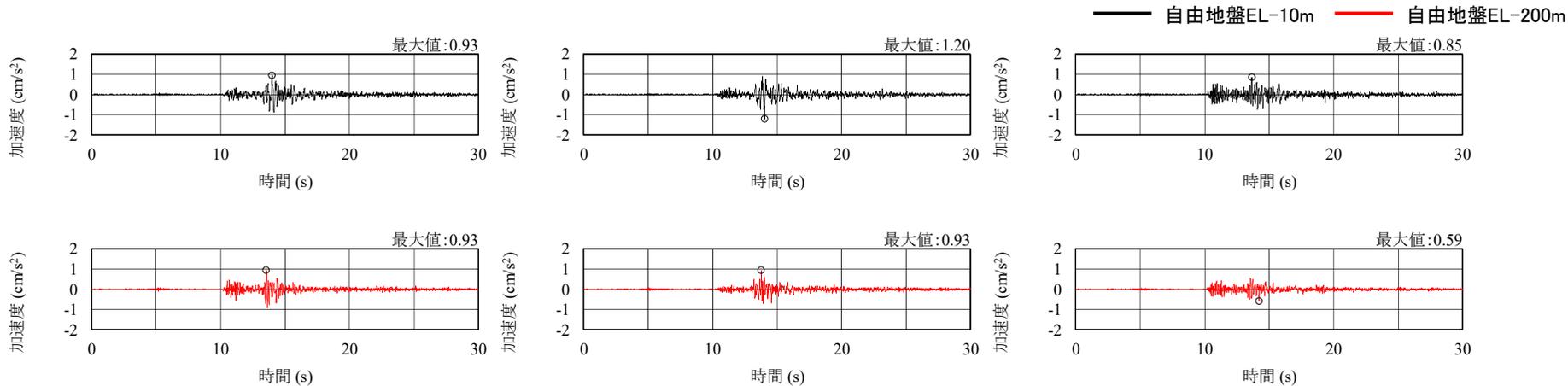
EW方向  
擬似速度応答スペクトル



UD方向



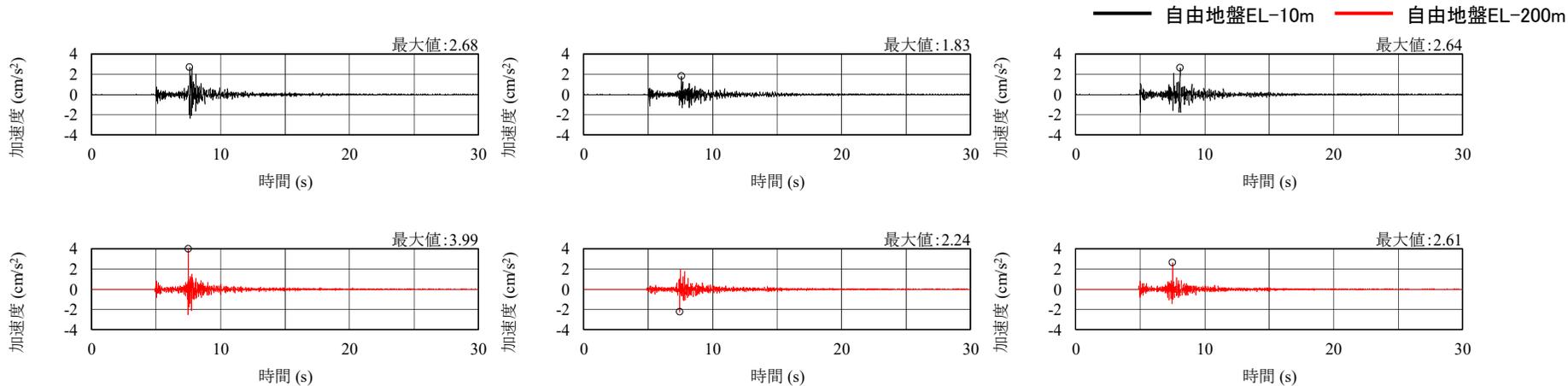
# No.26



NS方向

EW方向  
擬似速度応答スペクトル

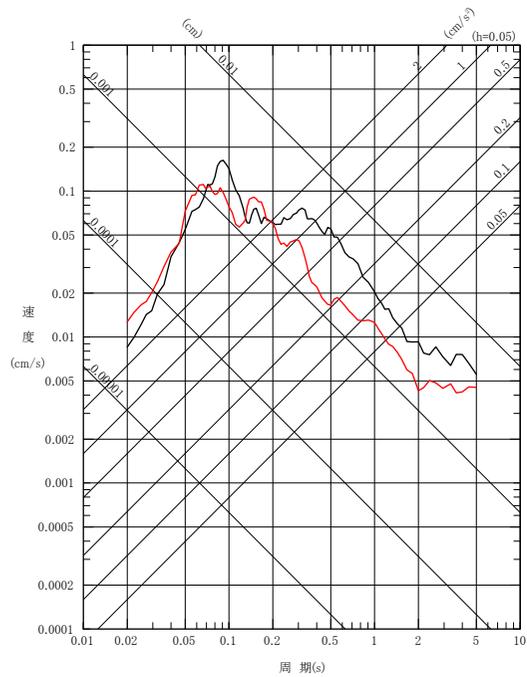
UD方向



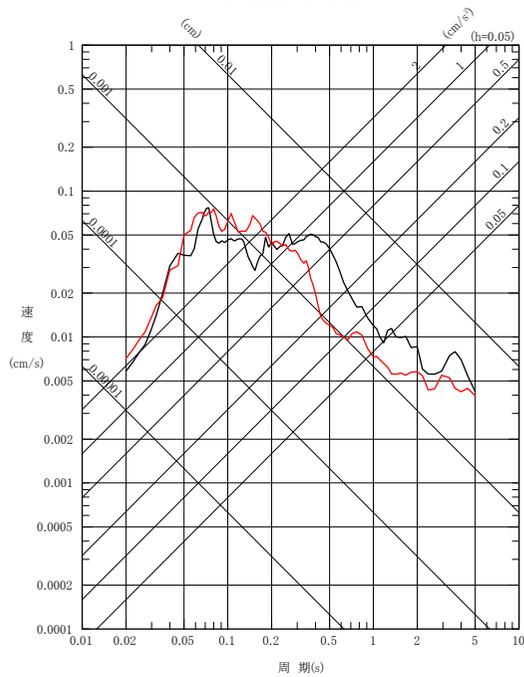
NS方向

EW方向  
加速度時刻歴波形

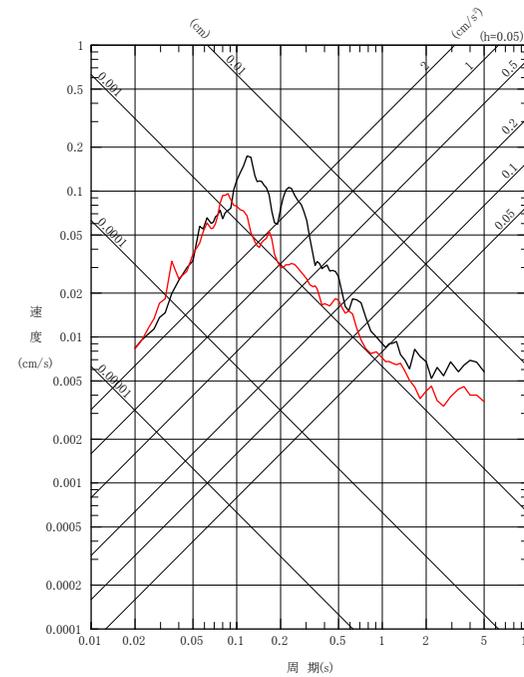
UD方向



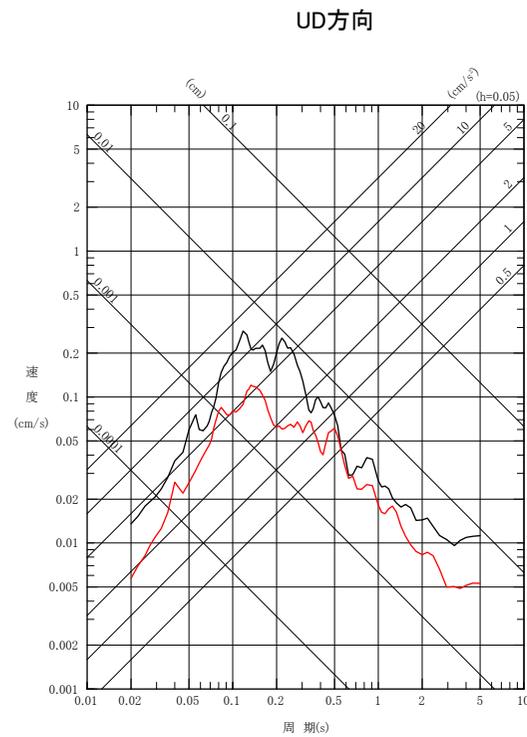
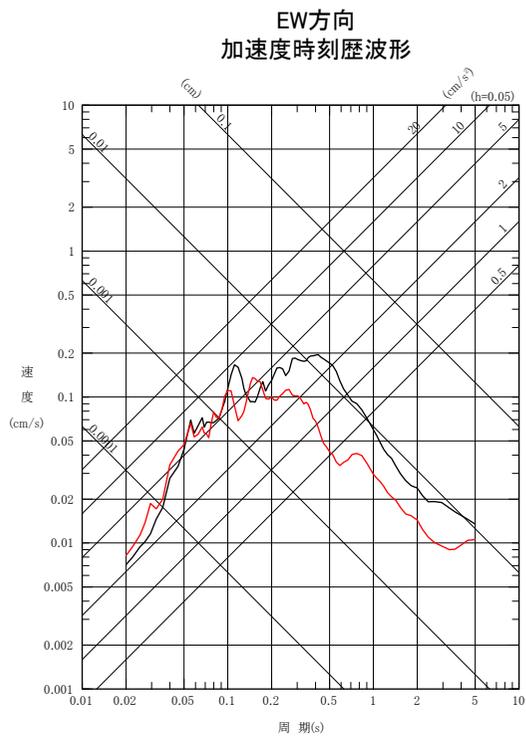
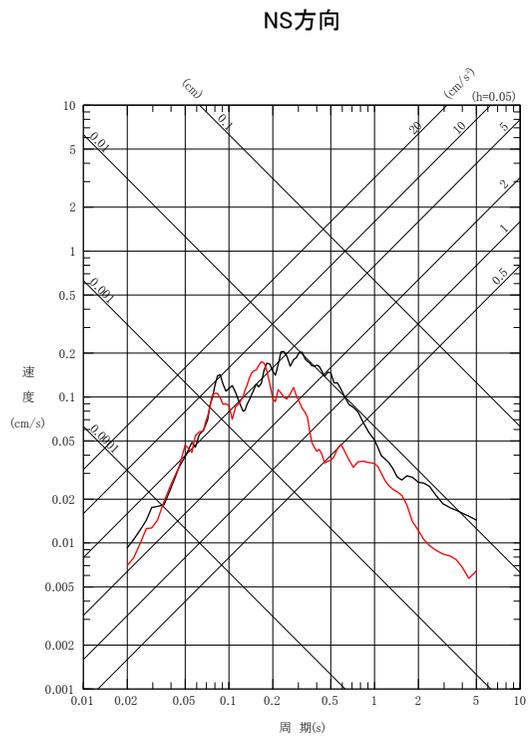
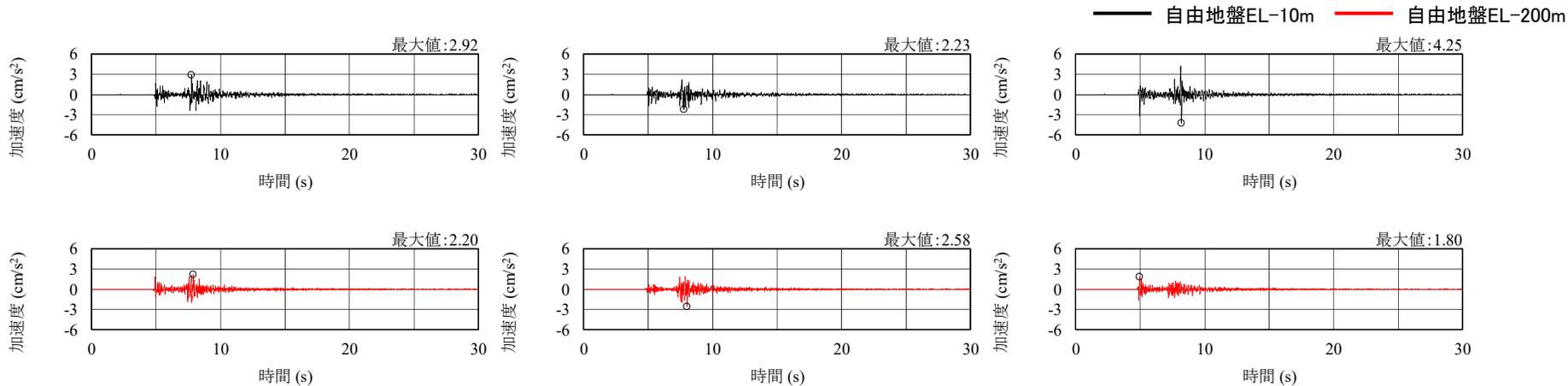
NS方向



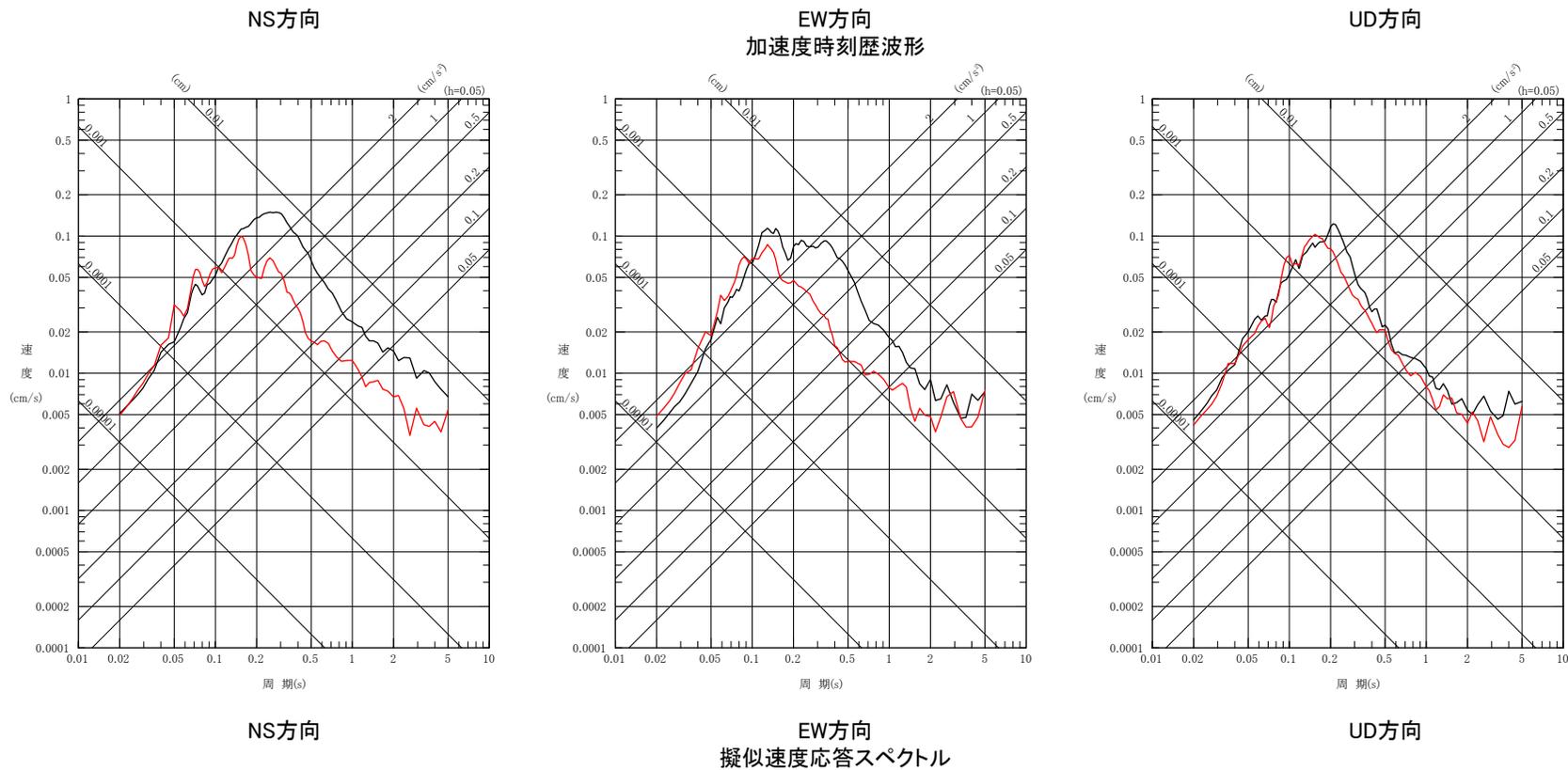
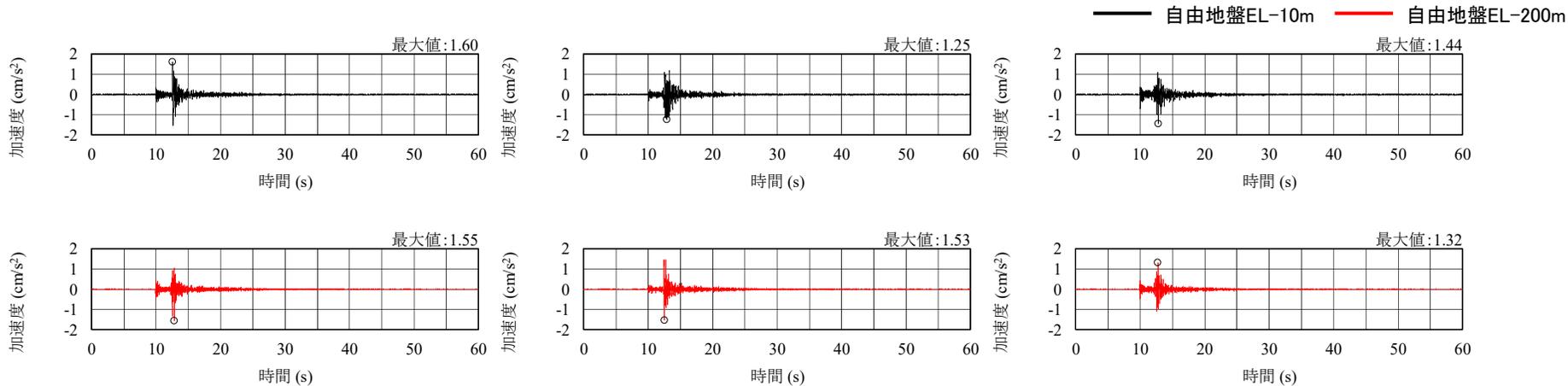
EW方向  
擬似速度応答スペクトル

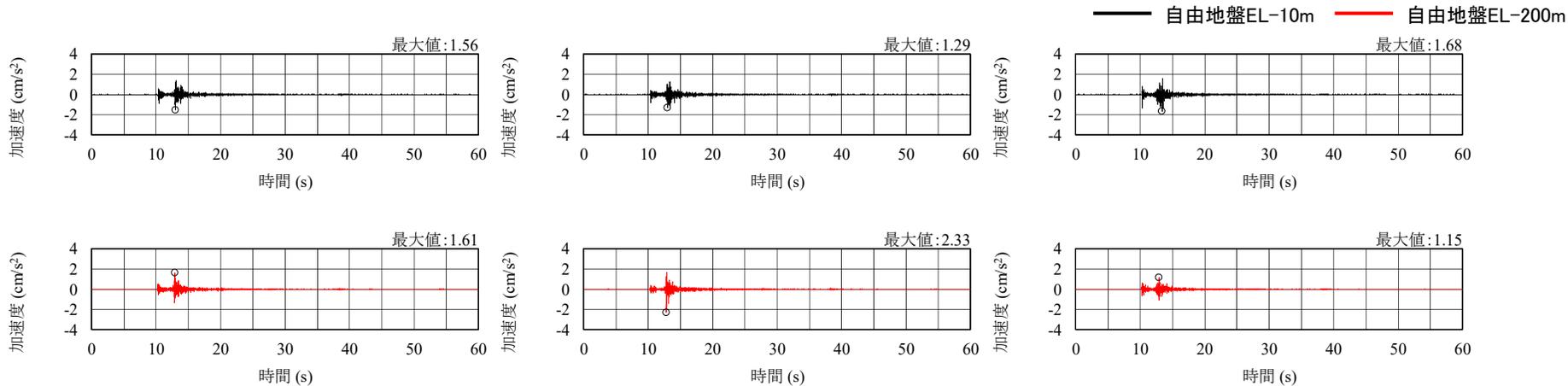


UD方向



擬似速度応答スペクトル

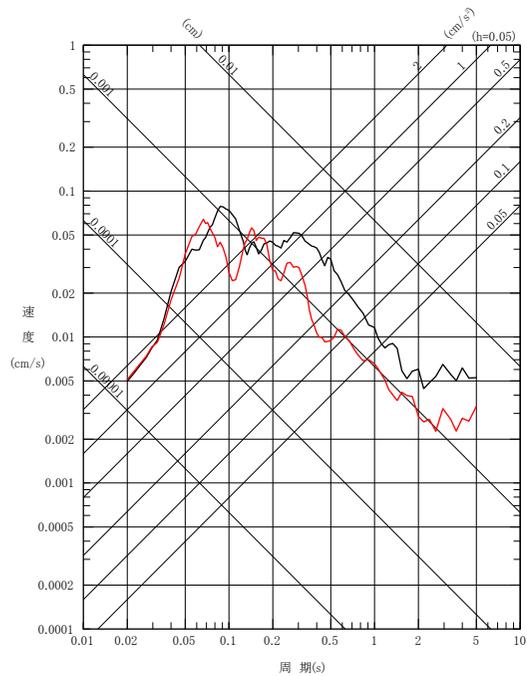




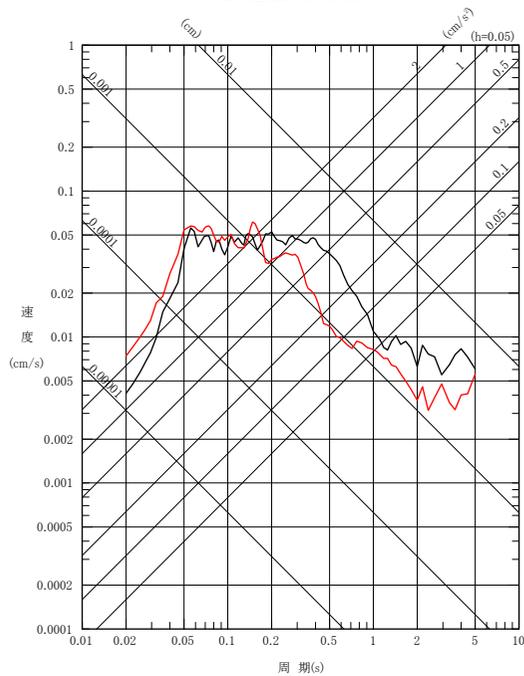
NS方向

EW方向  
加速度時刻歴波形

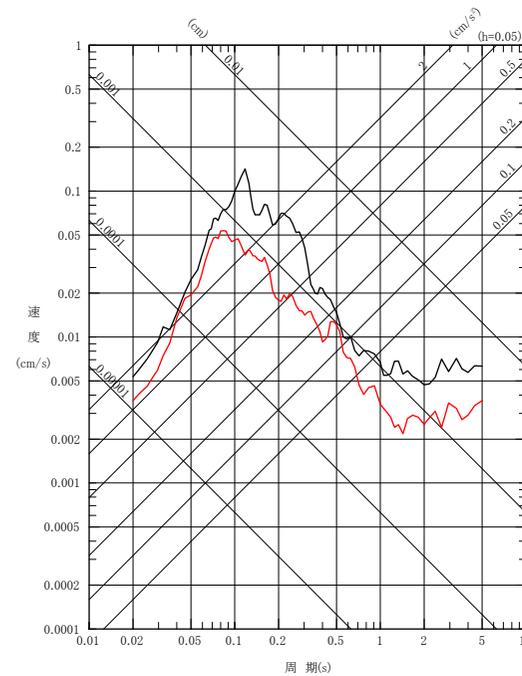
UD方向



NS方向

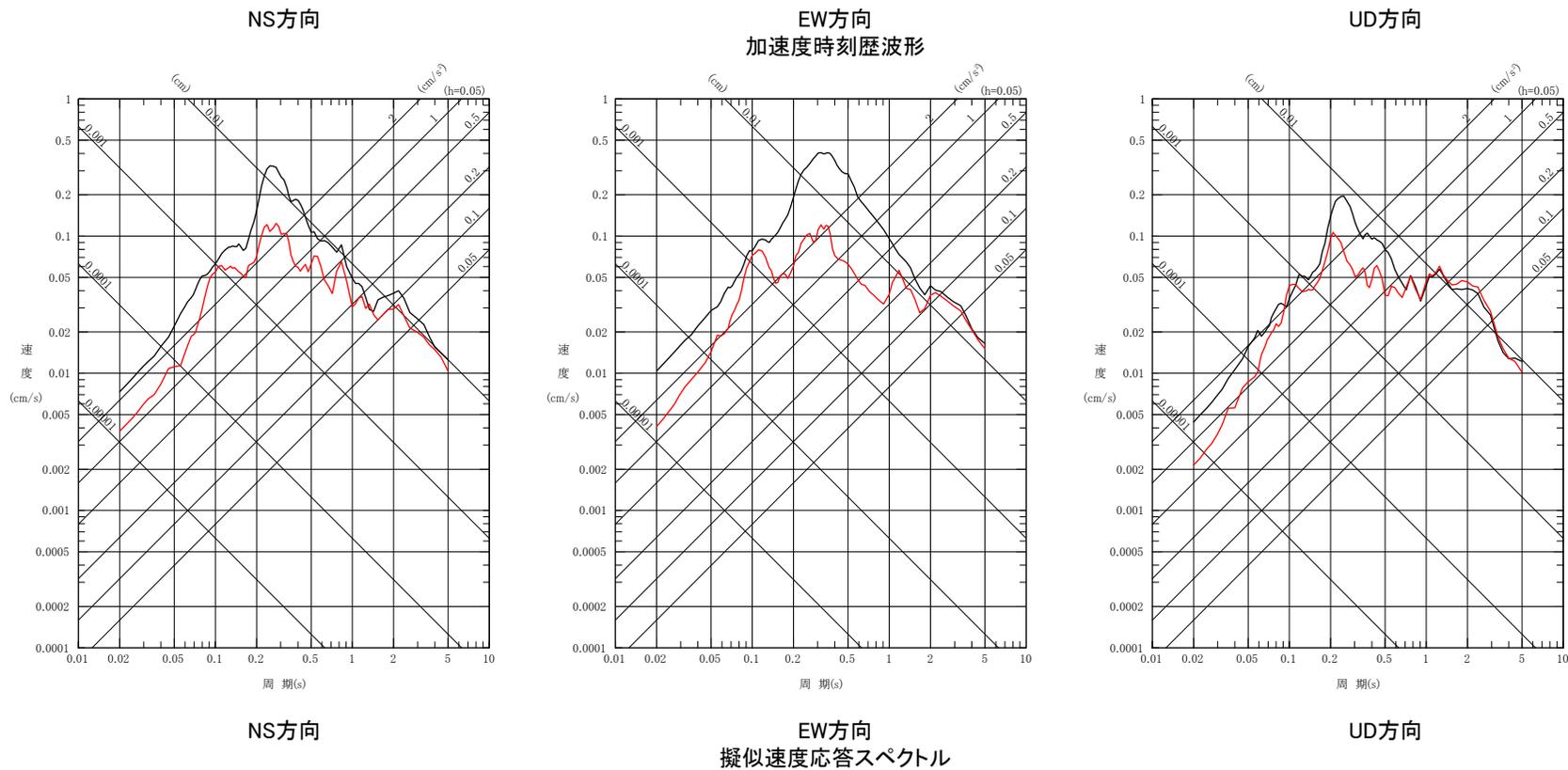
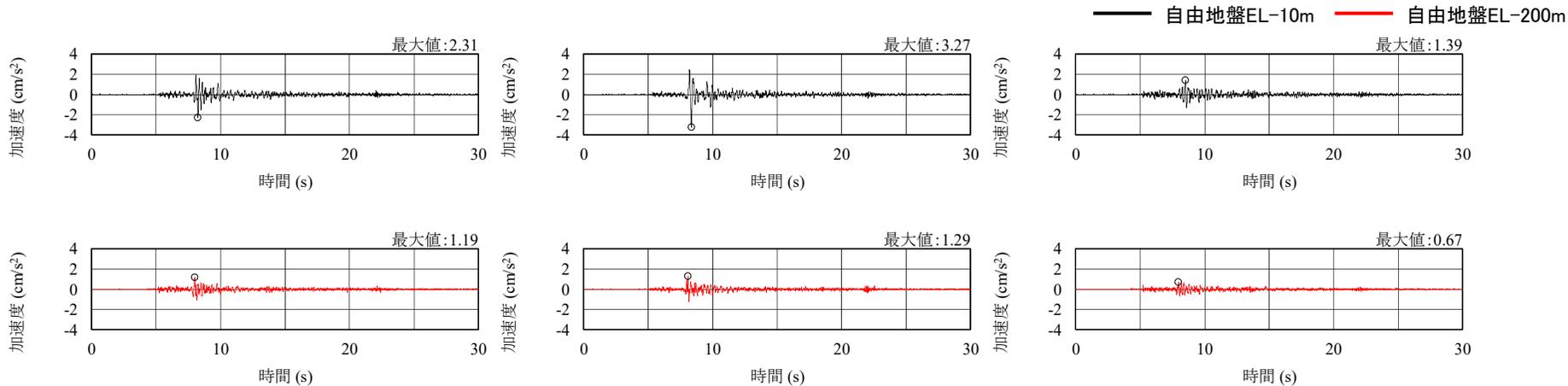


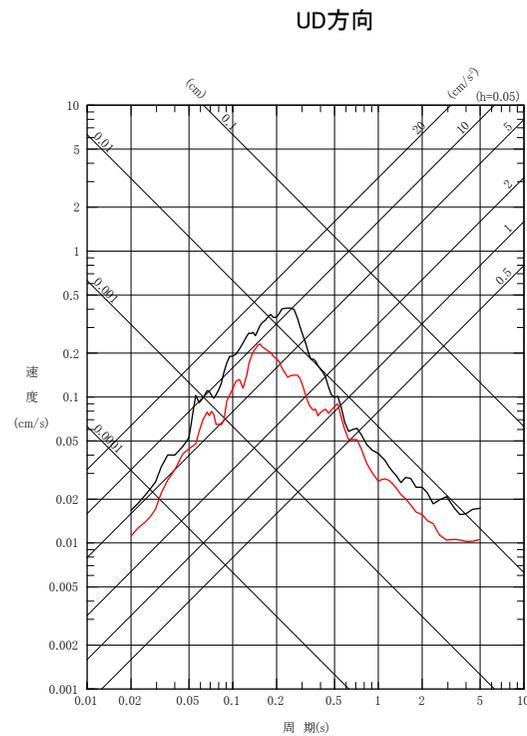
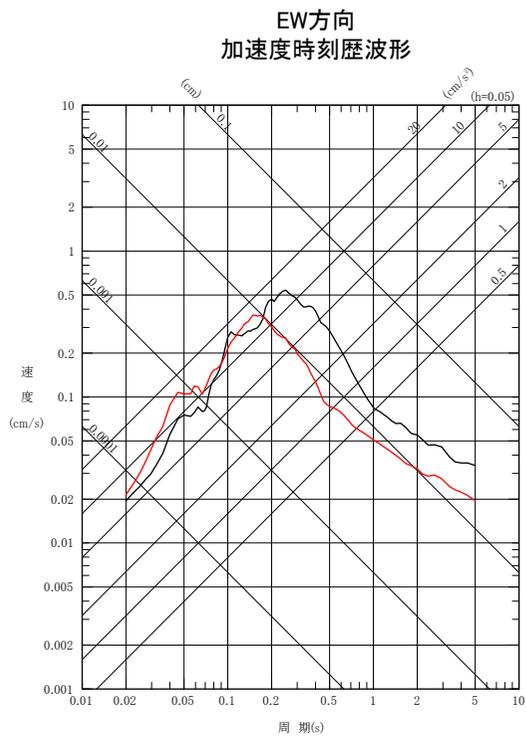
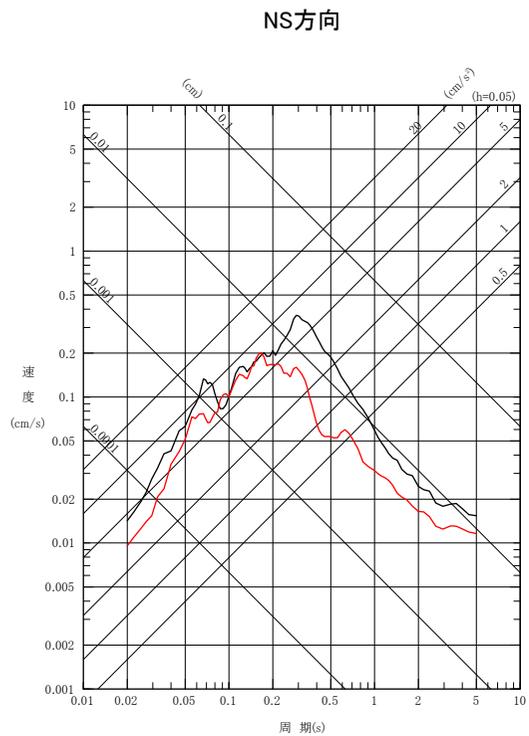
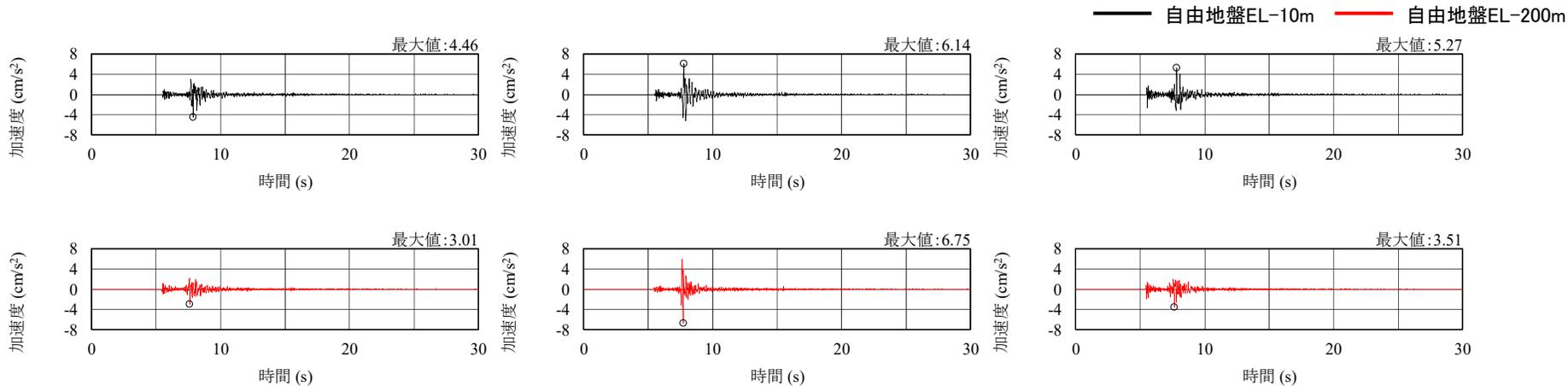
EW方向  
擬似速度応答スペクトル



UD方向

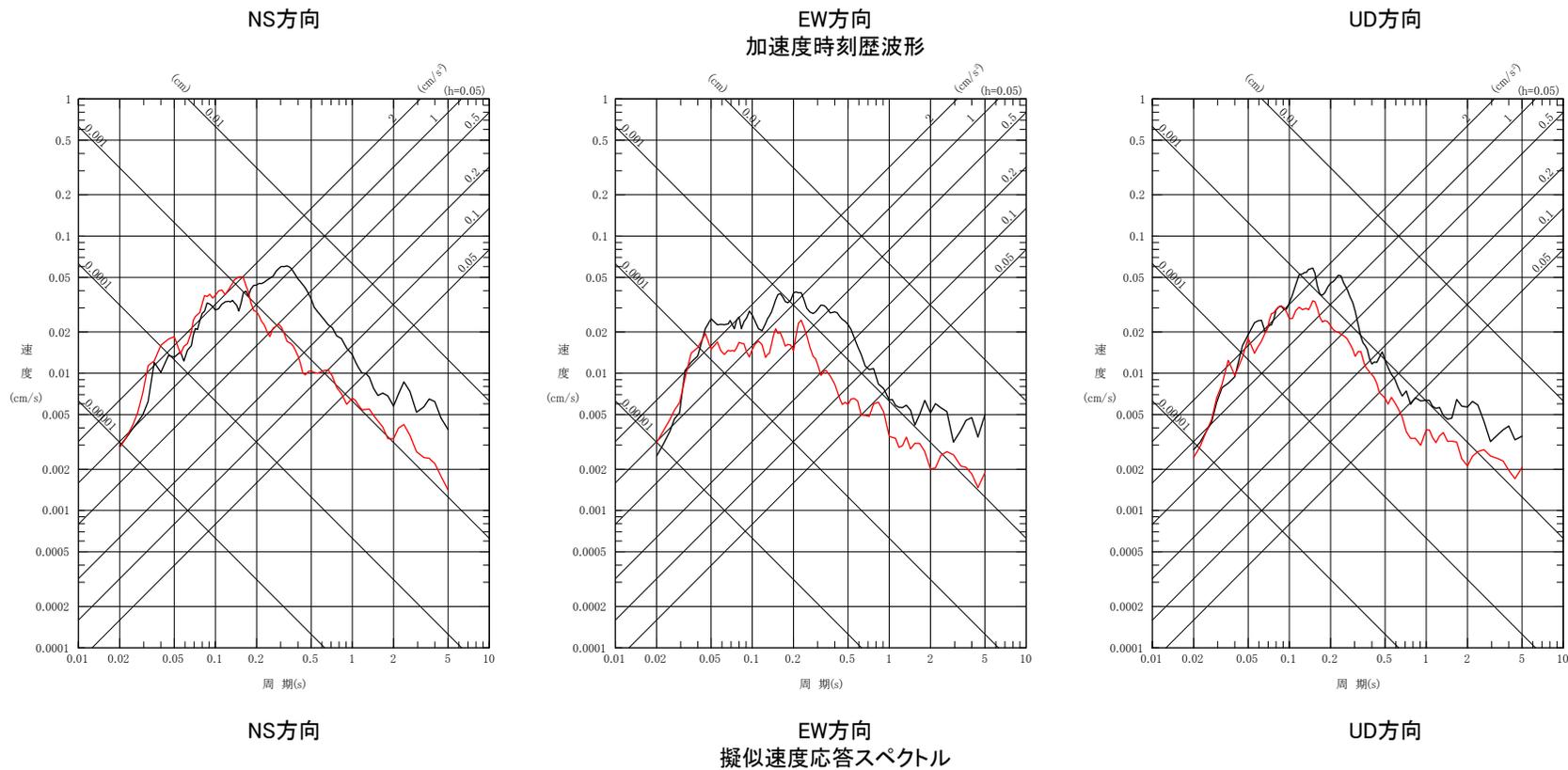
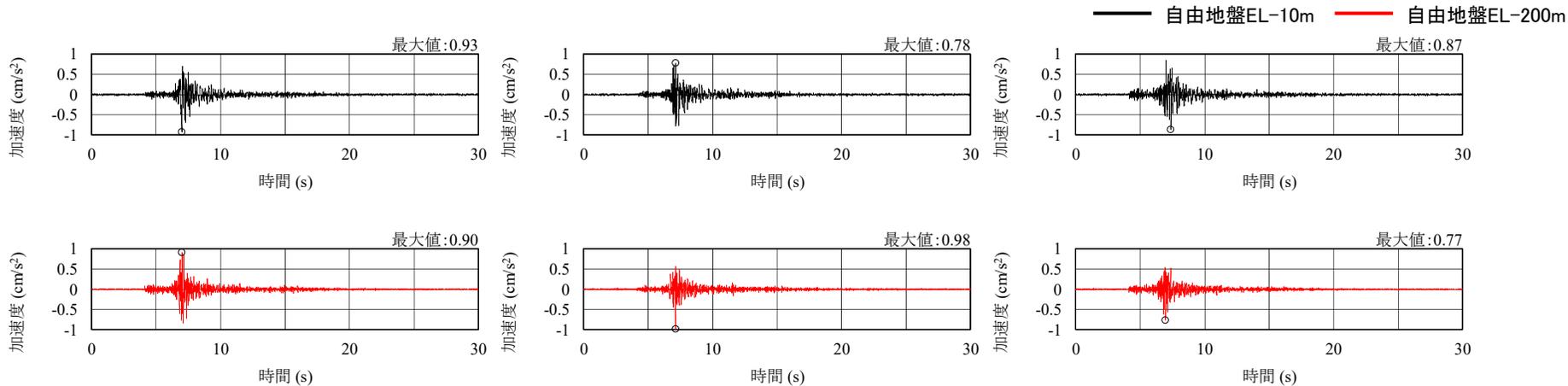
# No.31



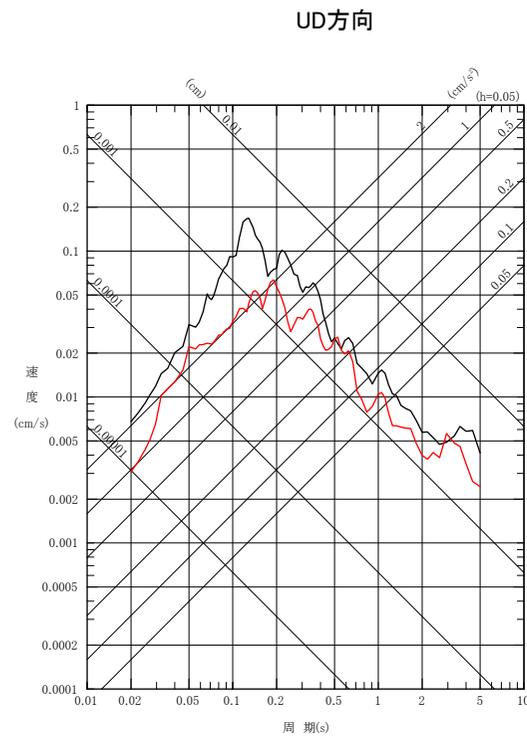
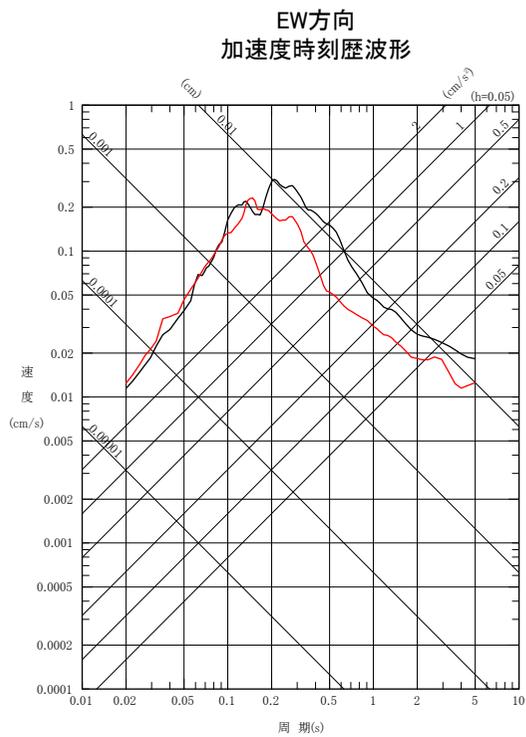
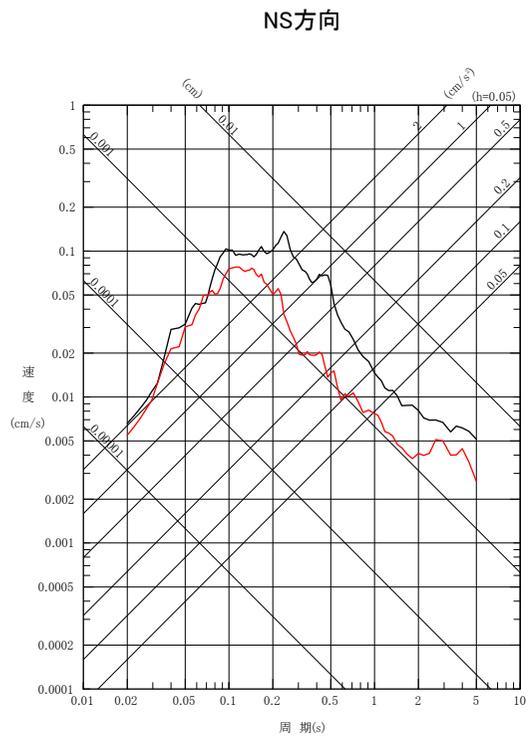
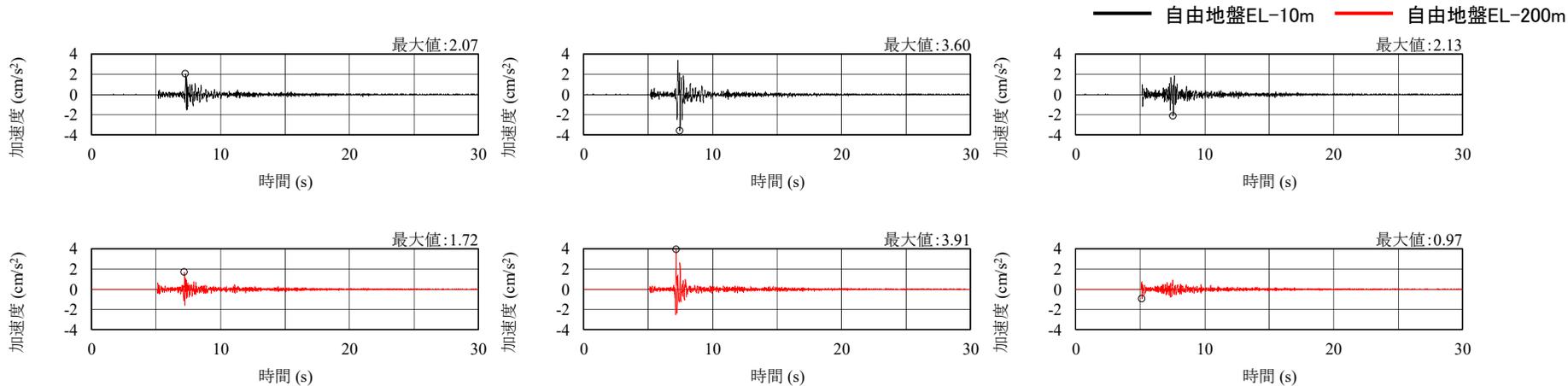


擬似速度応答スペクトル

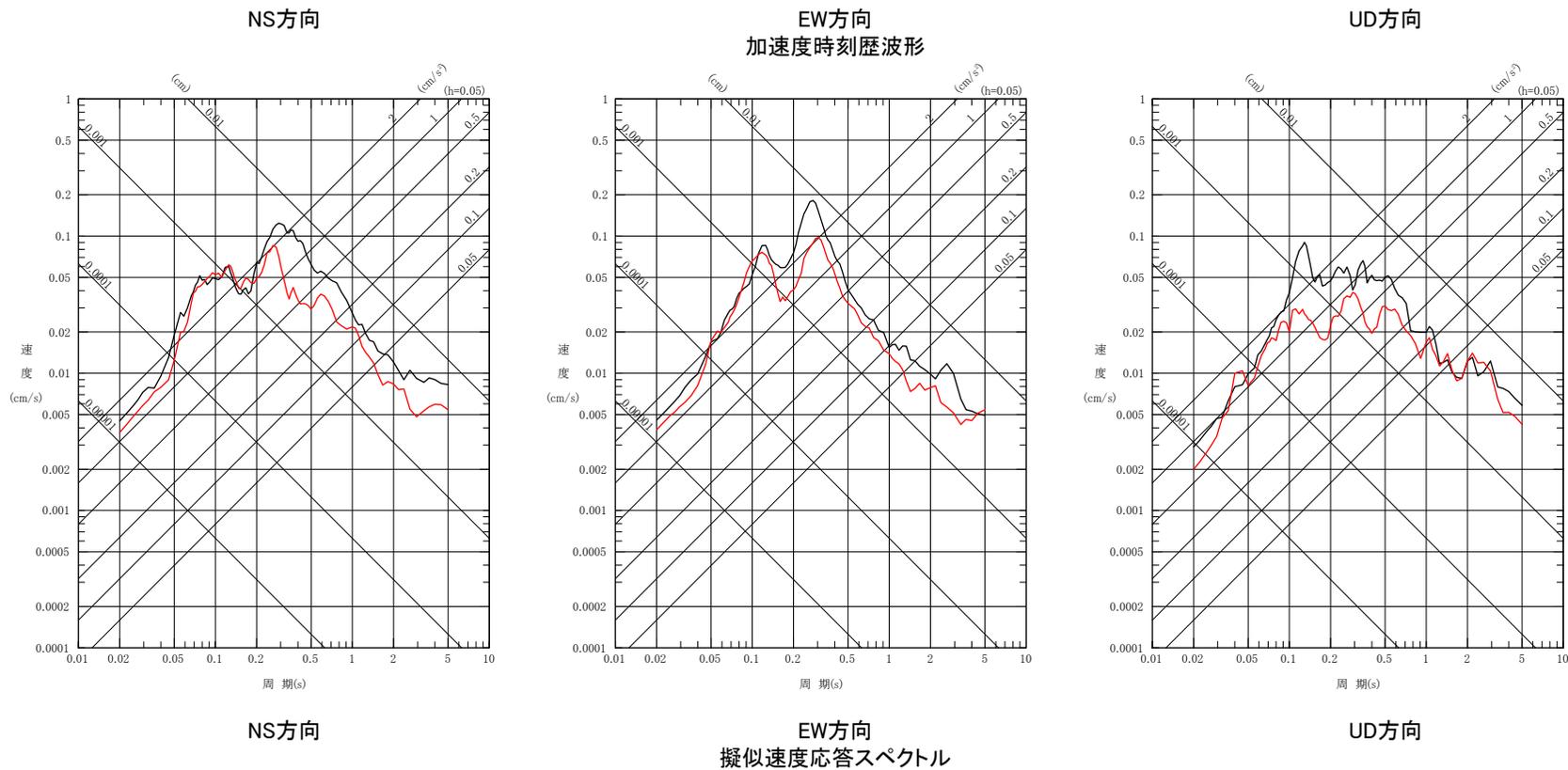
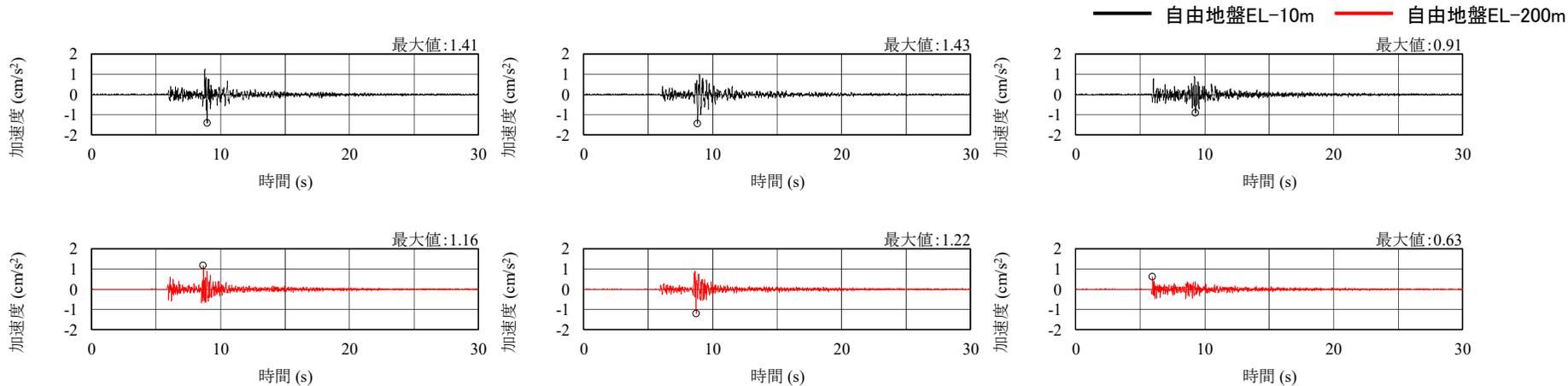
# No.33

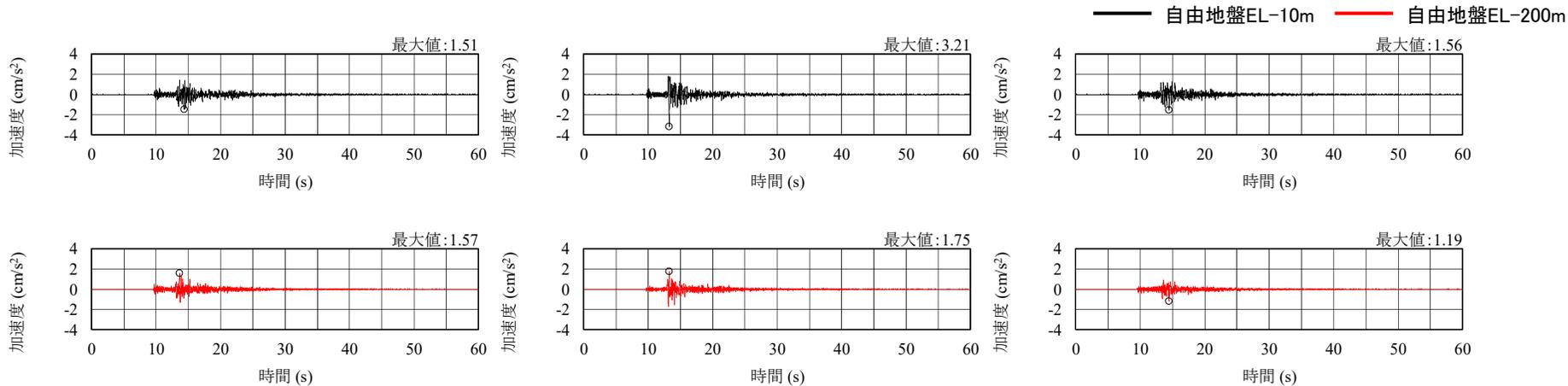


# No.34



# No.35

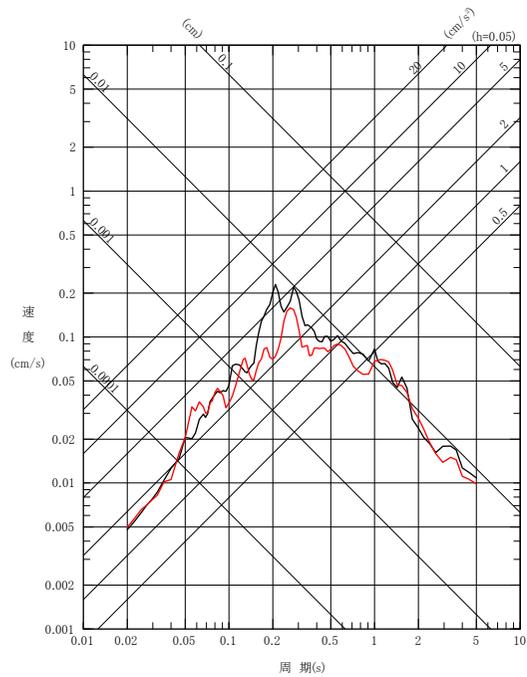




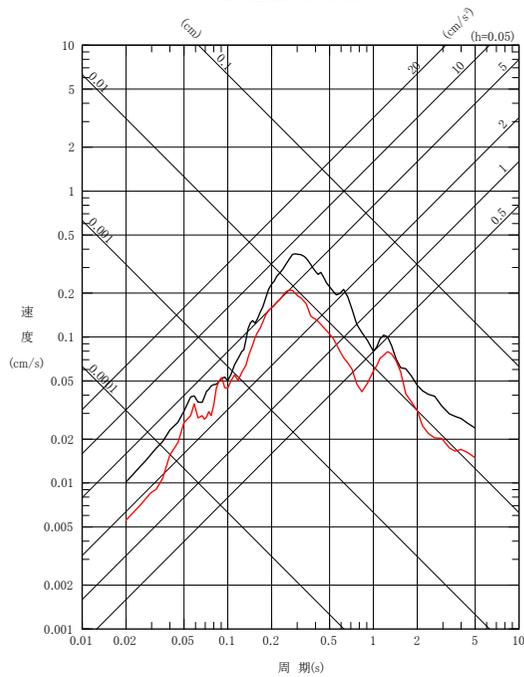
NS方向

EW方向  
加速度時刻歴波形

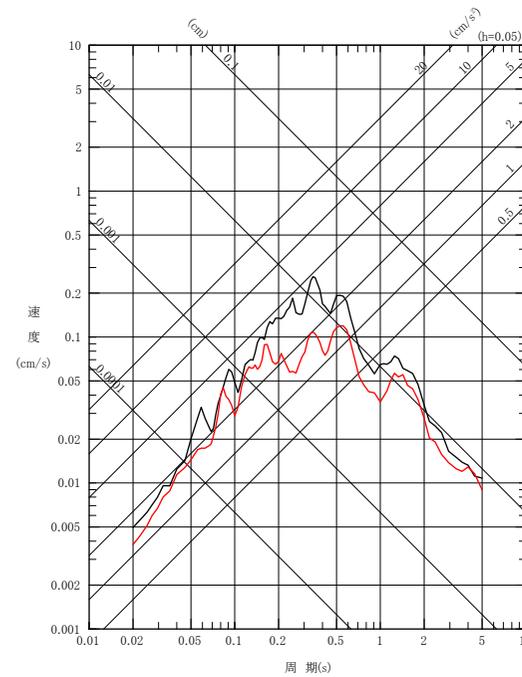
UD方向



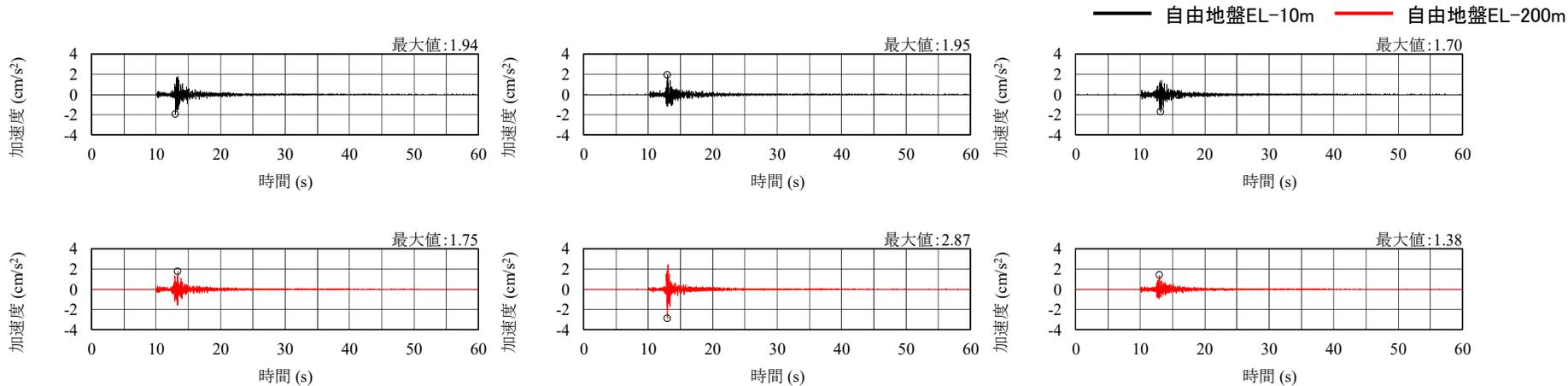
NS方向



EW方向  
擬似速度応答スペクトル



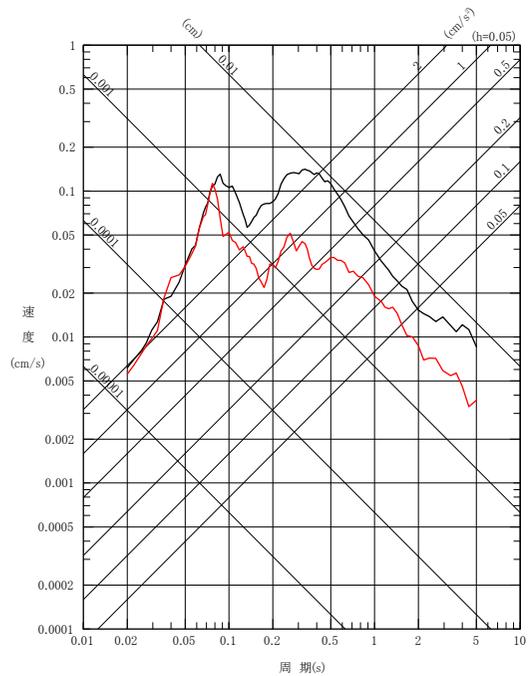
UD方向



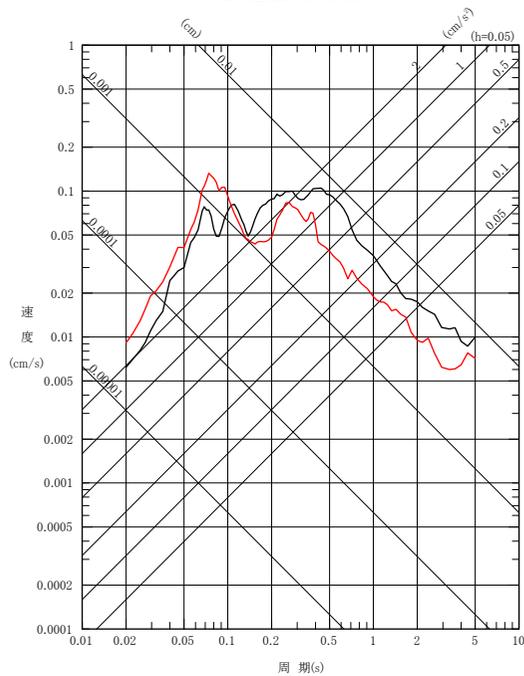
NS方向

EW方向  
加速度時刻歴波形

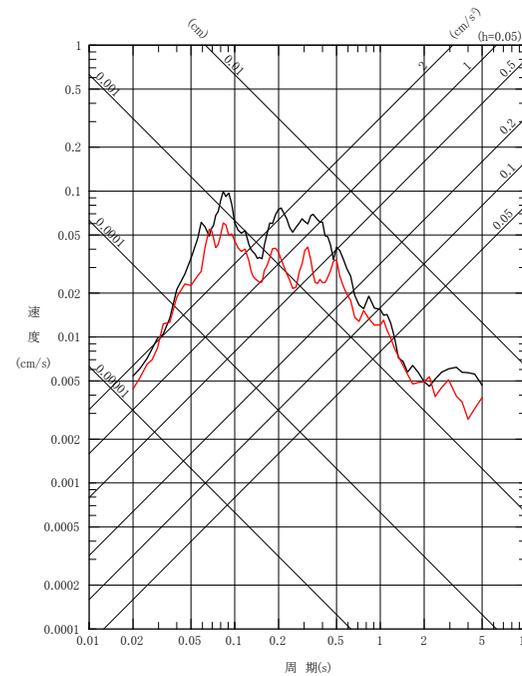
UD方向



NS方向

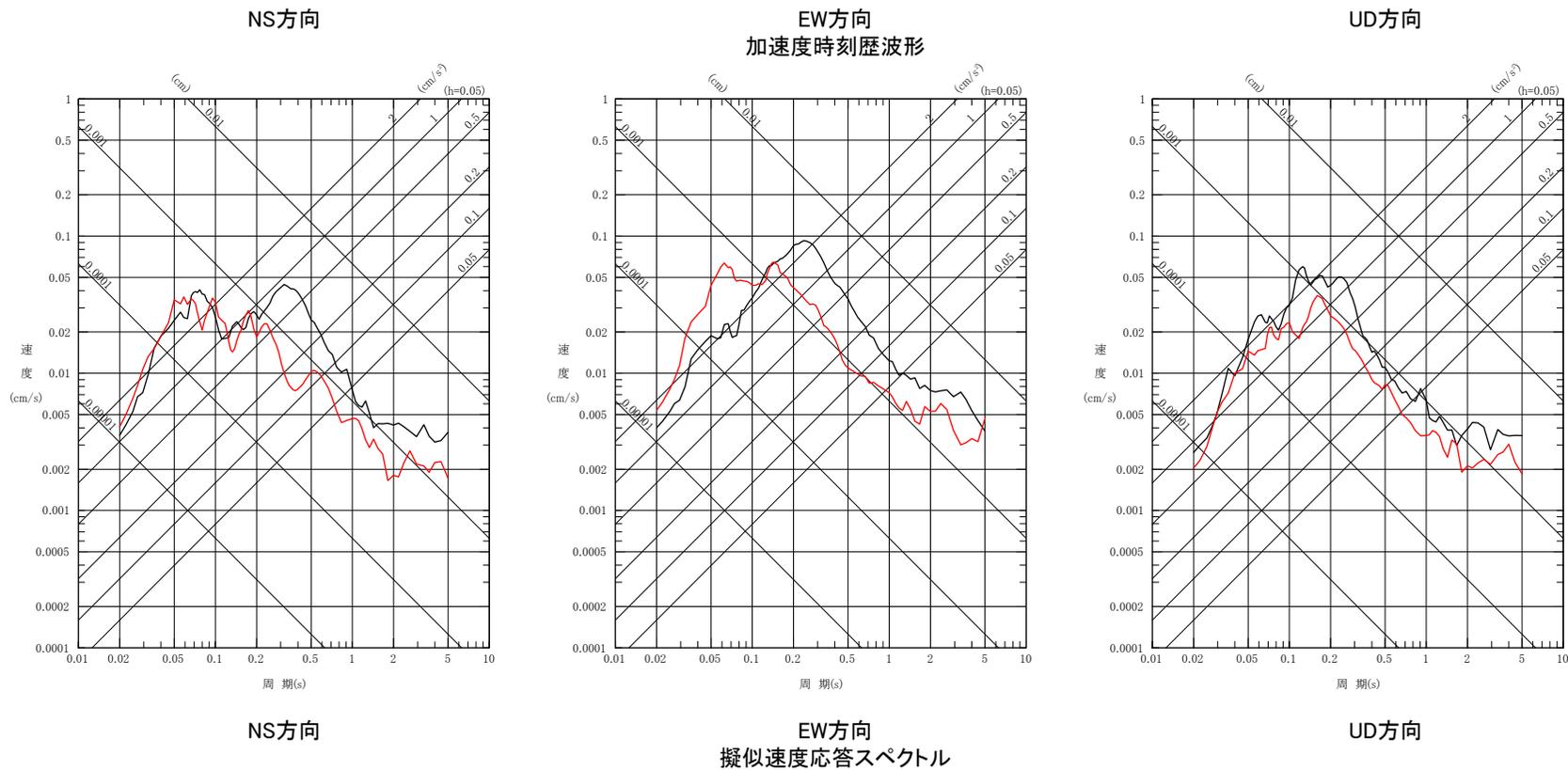
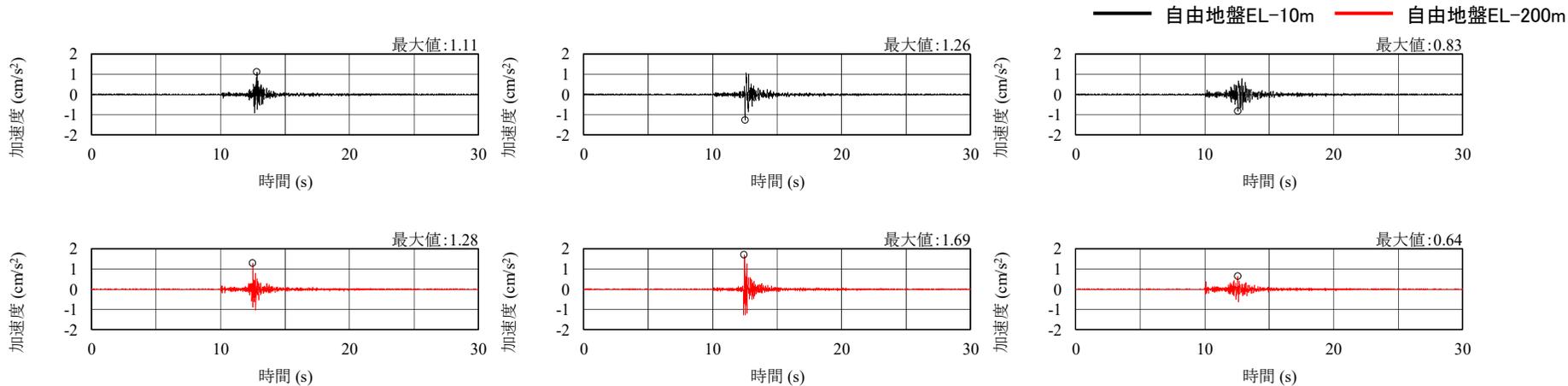


EW方向  
擬似速度応答スペクトル

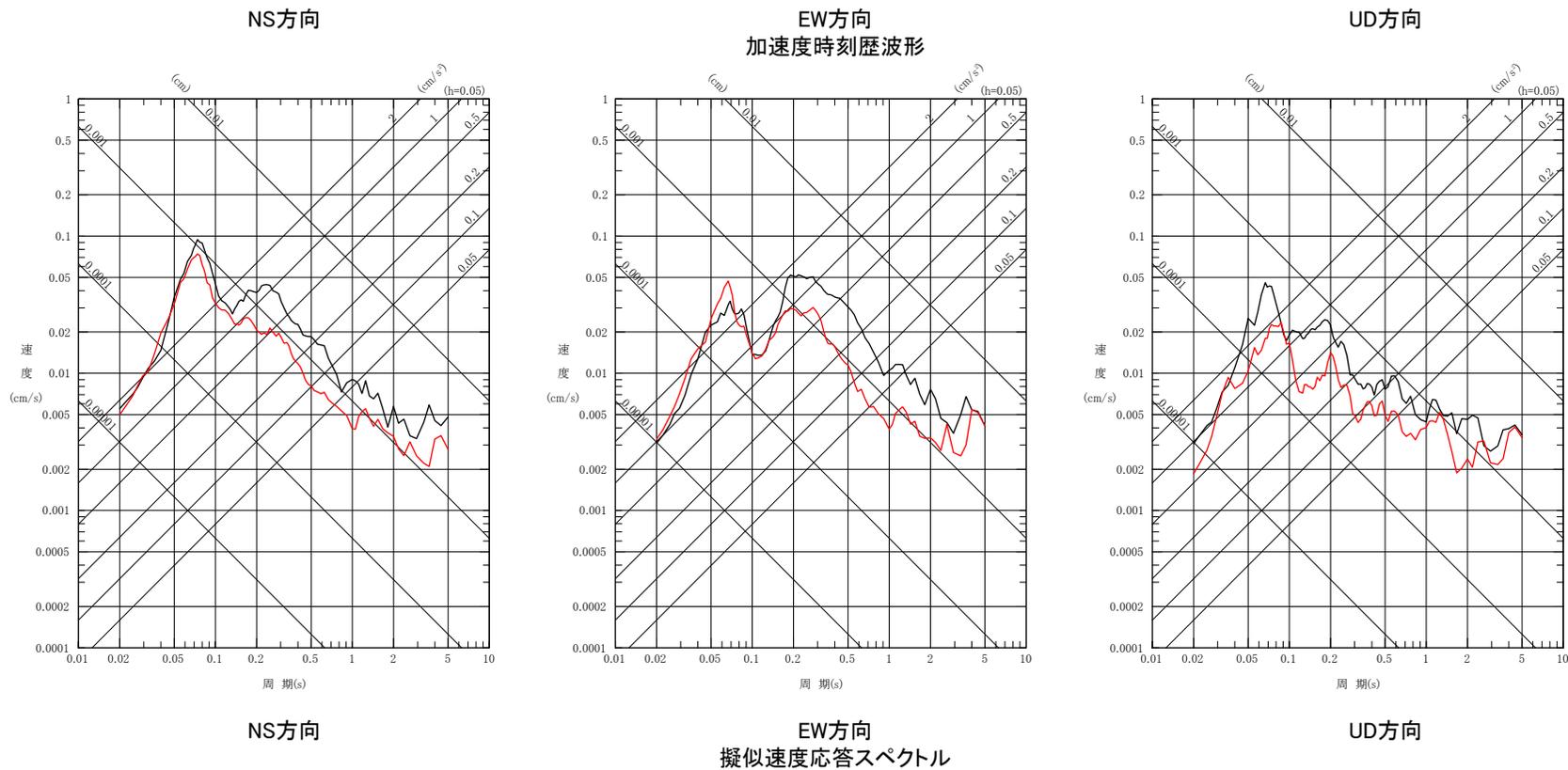
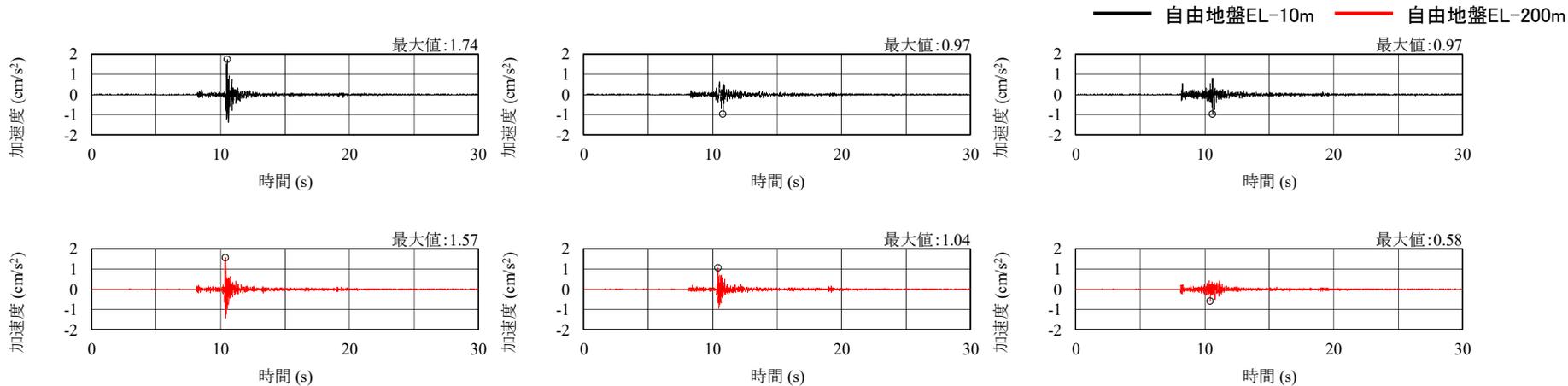


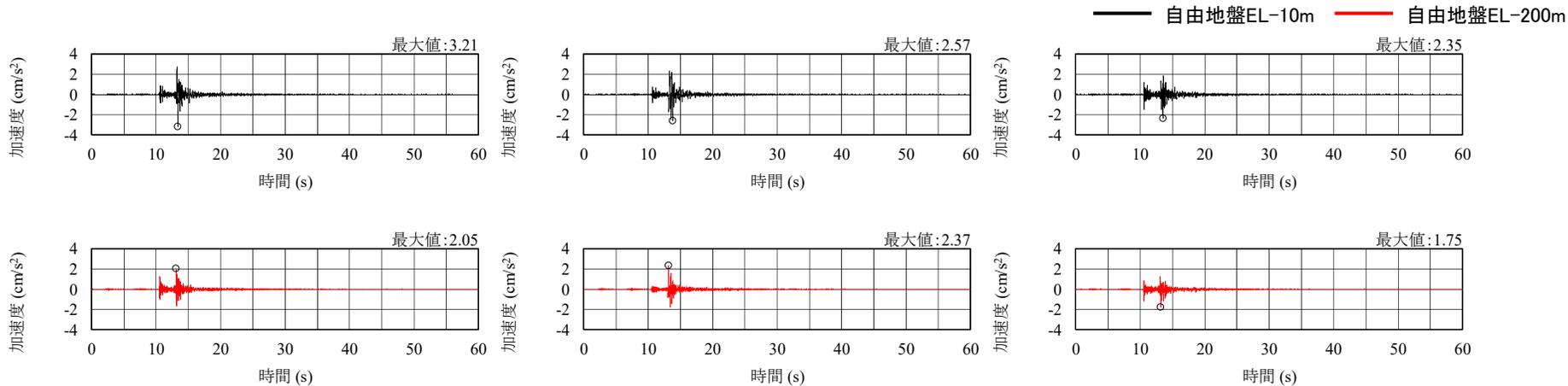
UD方向

# No.38



# No.39

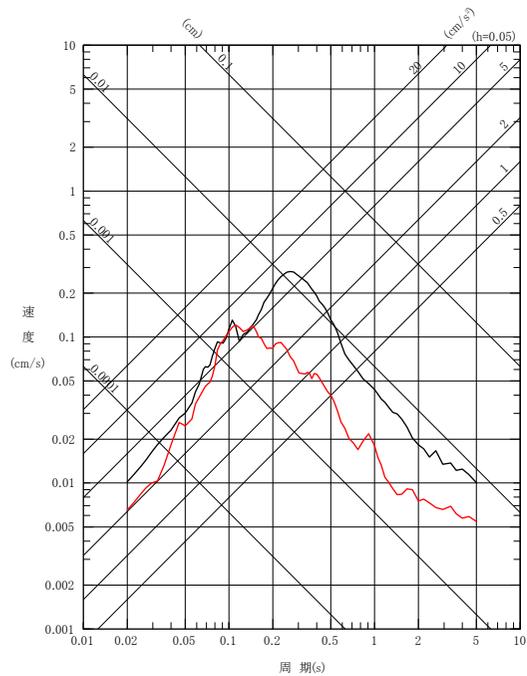




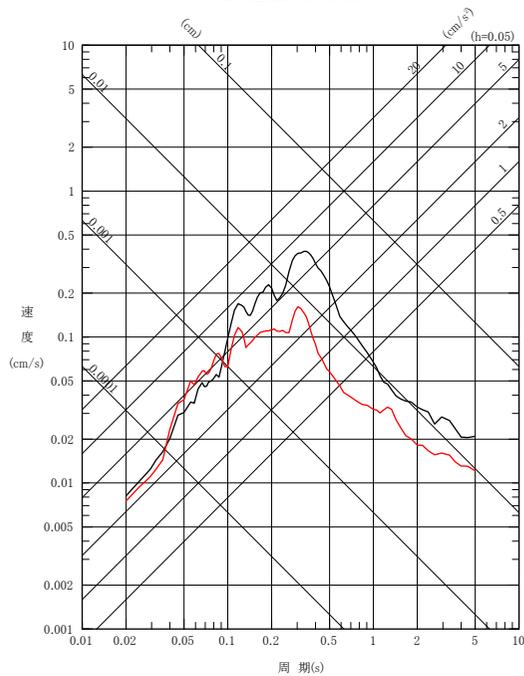
NS方向

EW方向  
加速度時刻歴波形

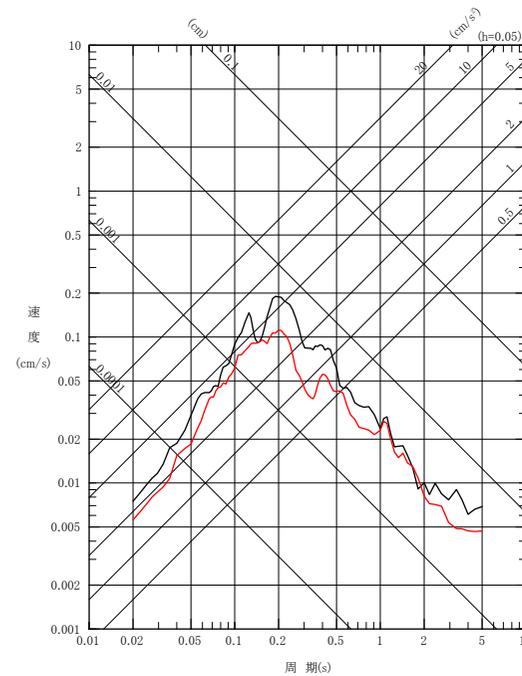
UD方向



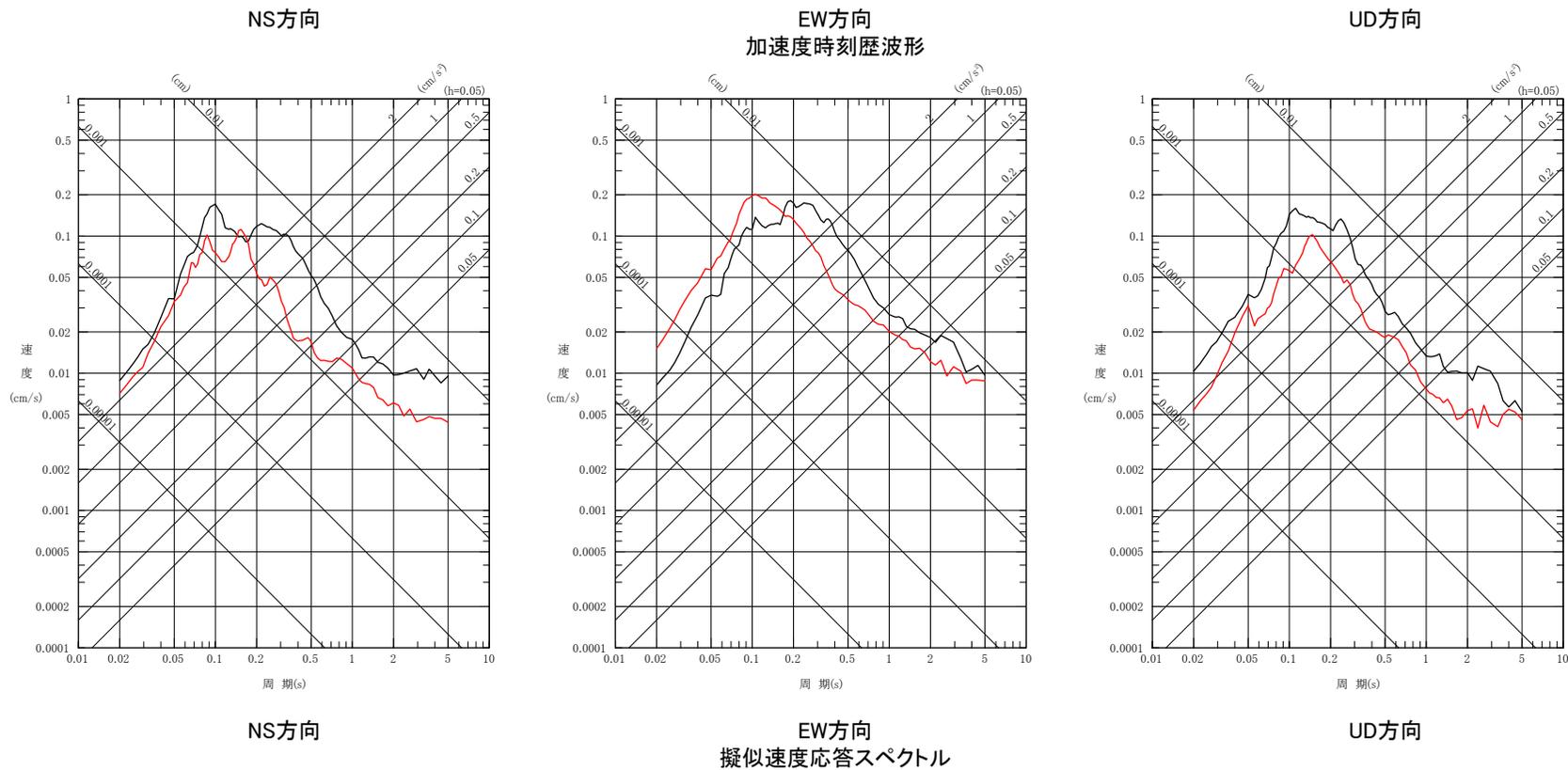
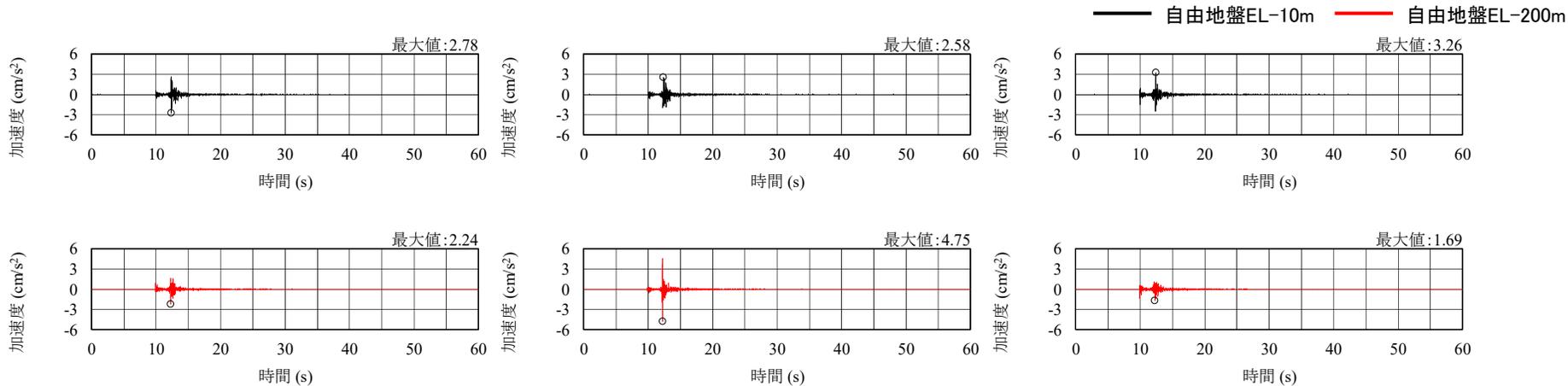
NS方向

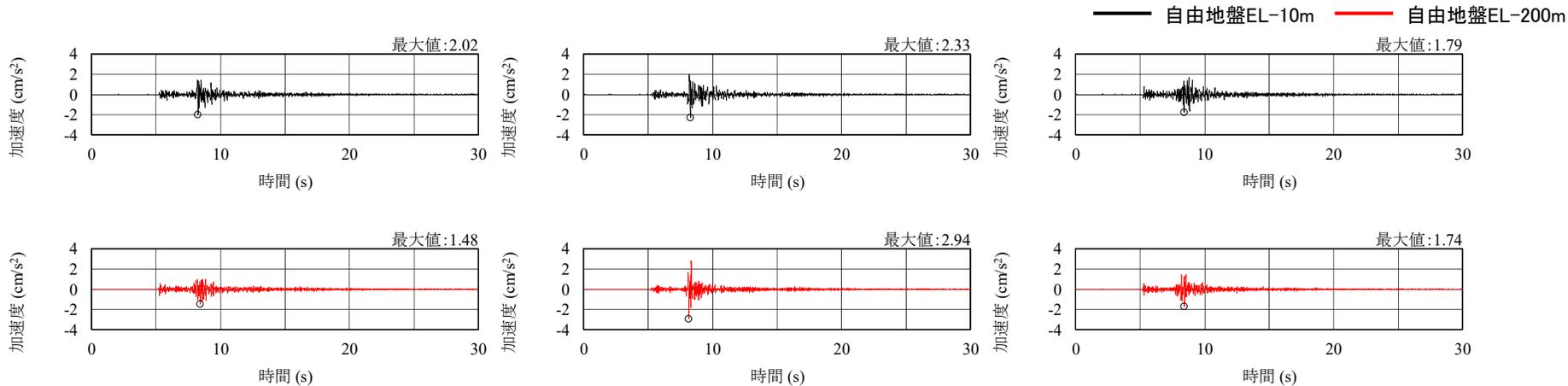


EW方向  
擬似速度応答スペクトル



UD方向

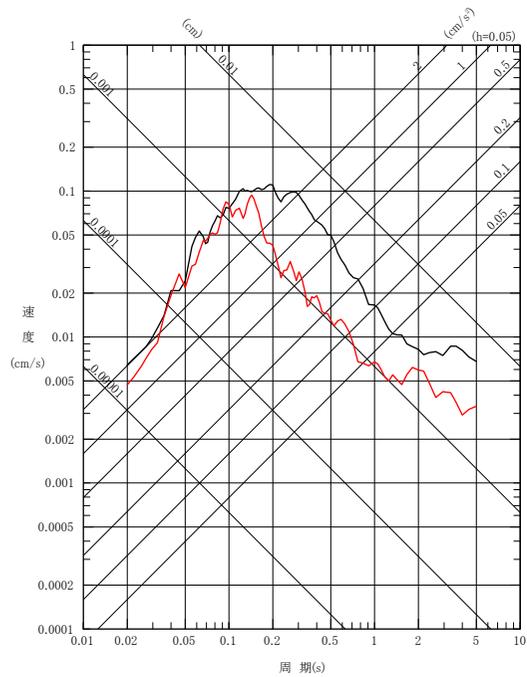




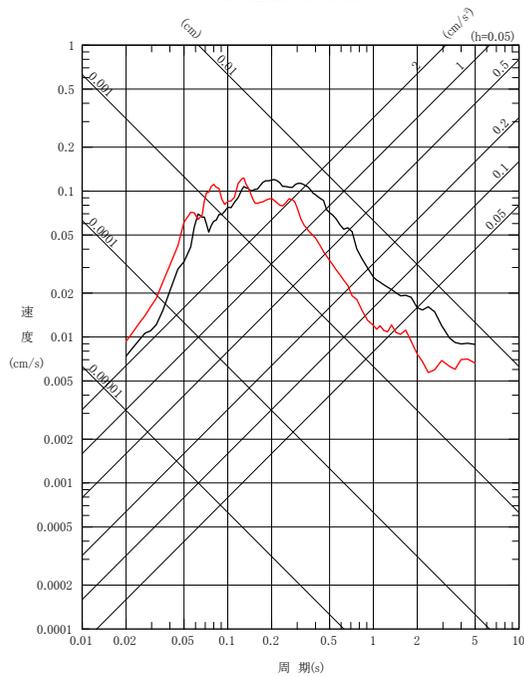
NS方向

EW方向  
加速度時刻歴波形

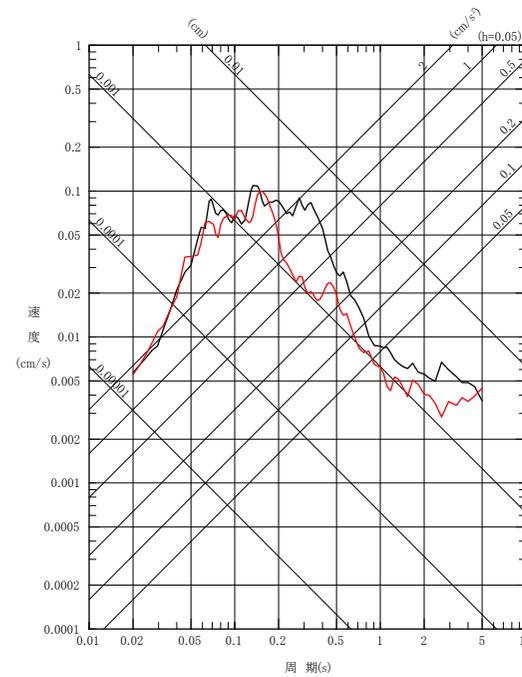
UD方向



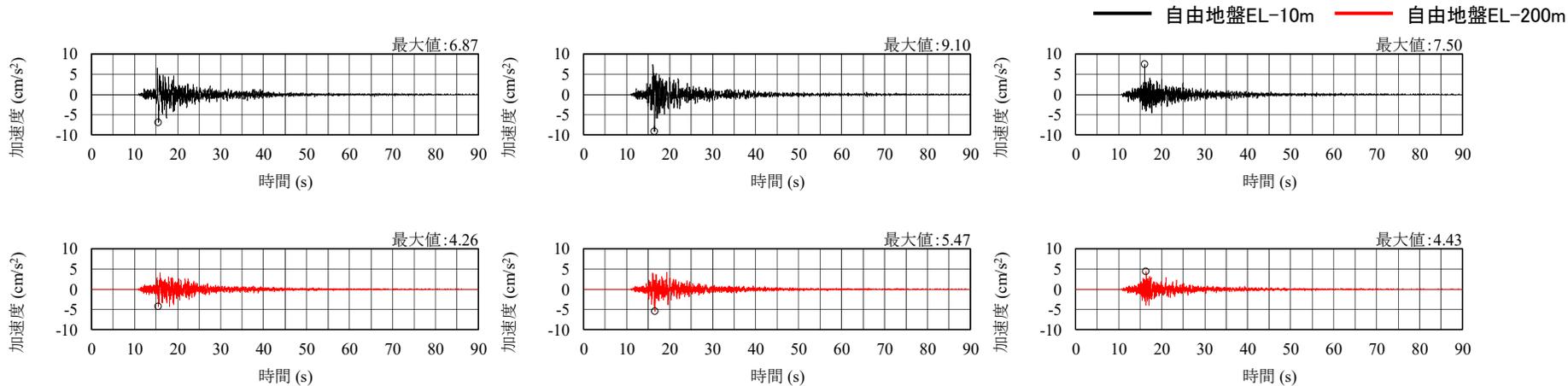
NS方向



EW方向  
擬似速度応答スペクトル



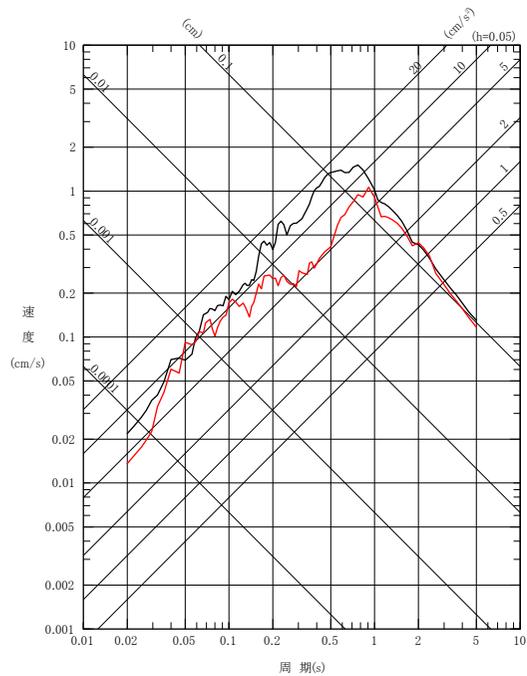
UD方向



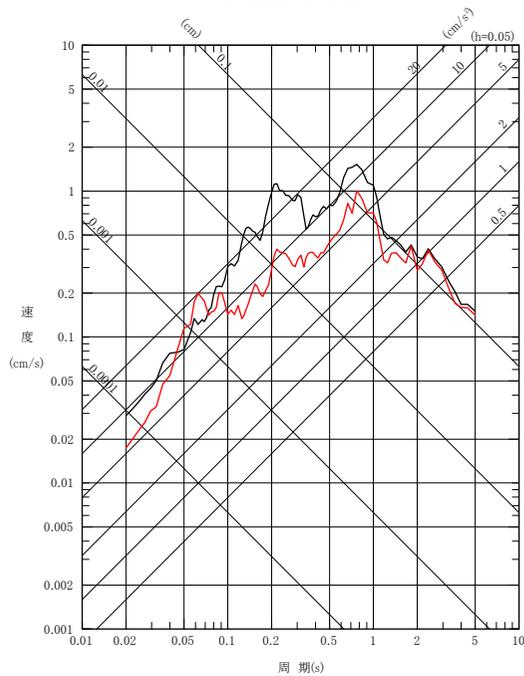
NS方向

EW方向  
加速度時刻歴波形

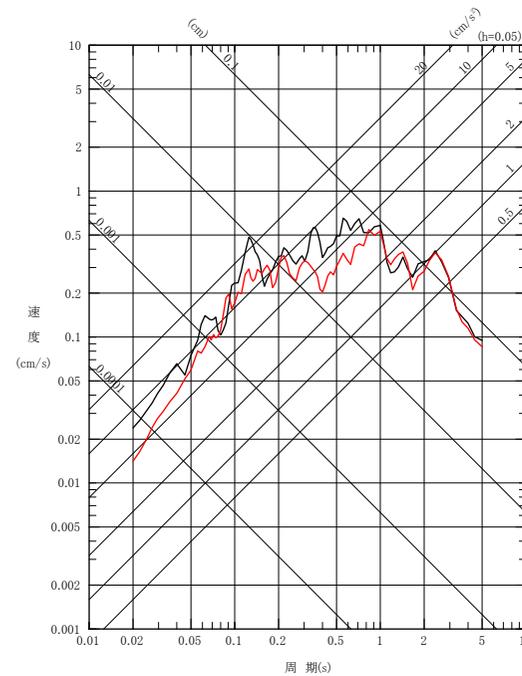
UD方向



NS方向

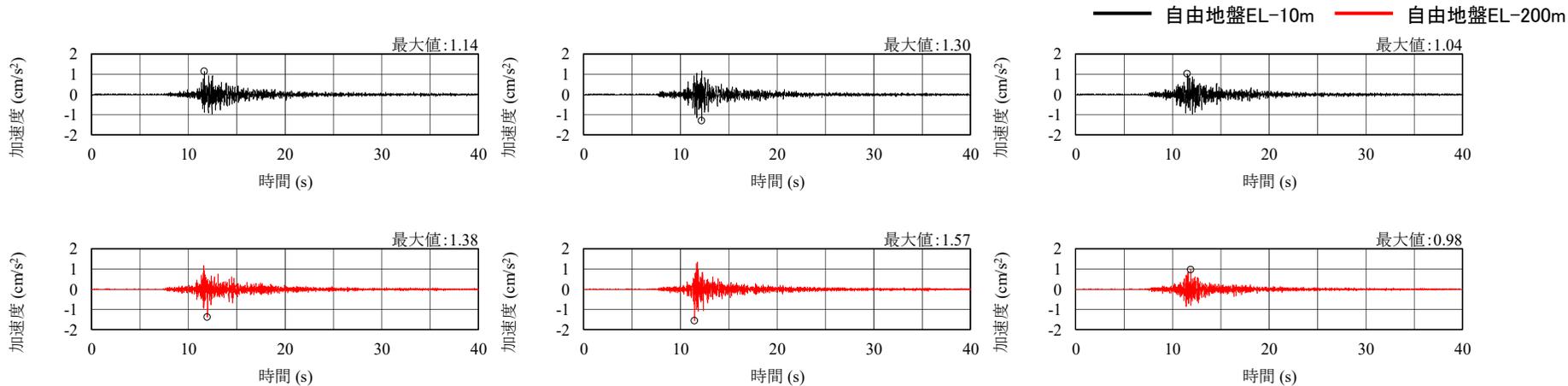


EW方向  
擬似速度応答スペクトル



UD方向

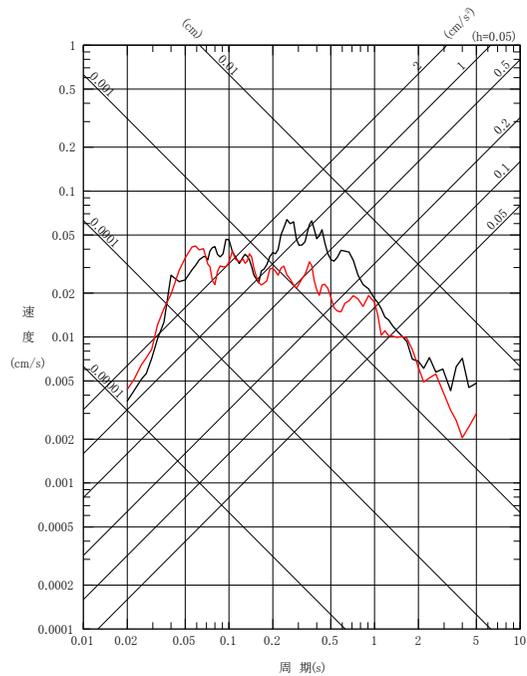
# No.44



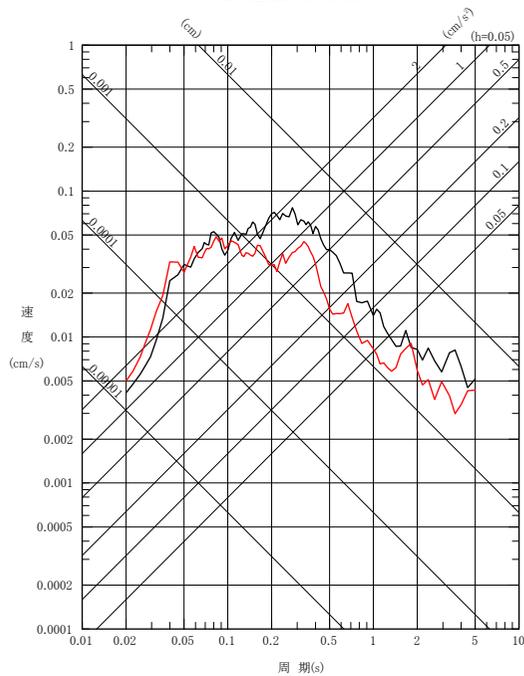
NS方向

EW方向  
加速度時刻歴波形

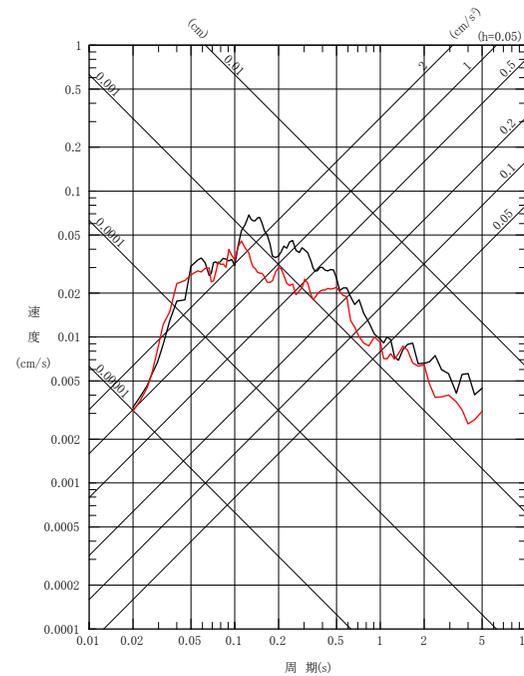
UD方向



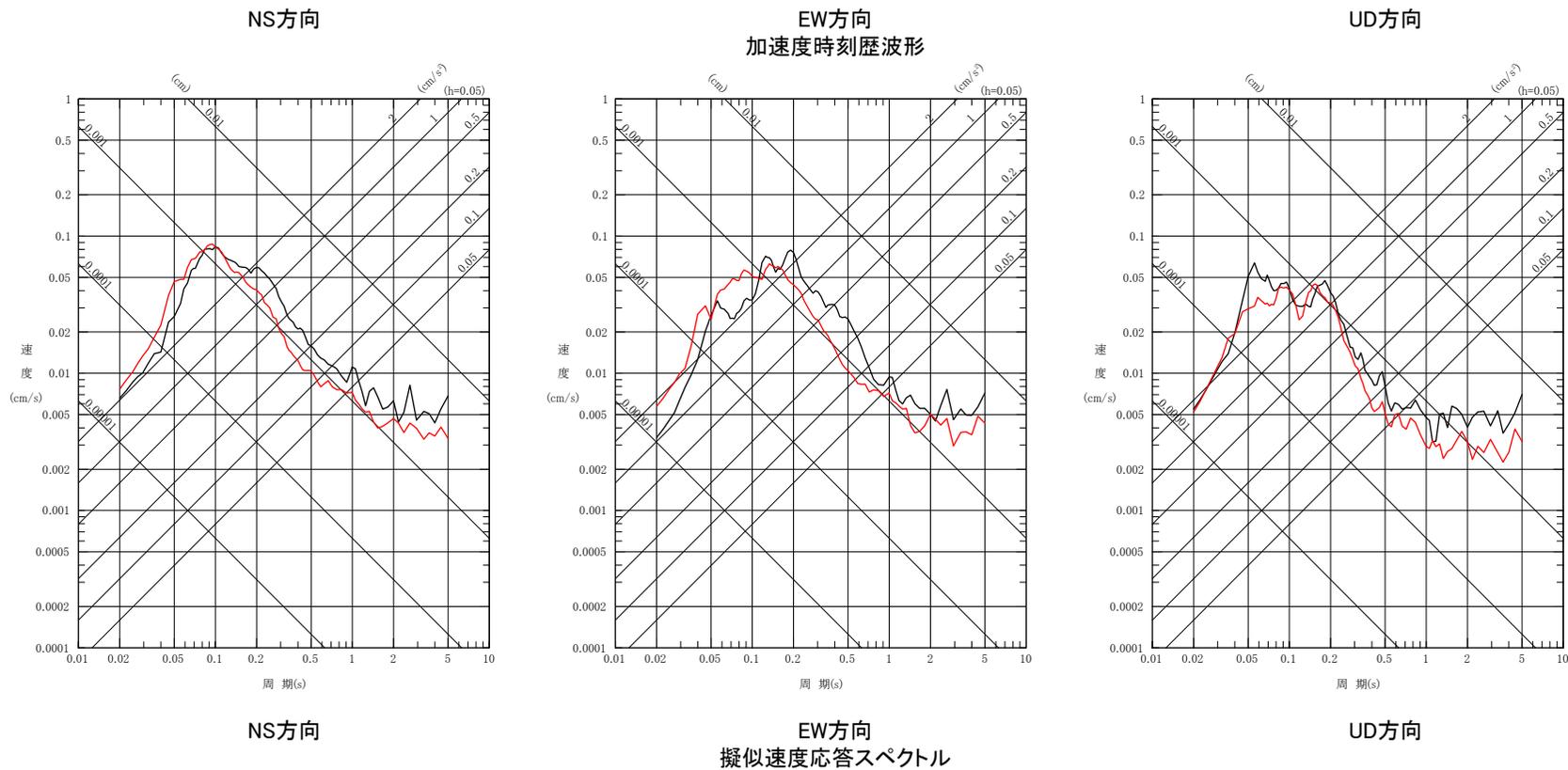
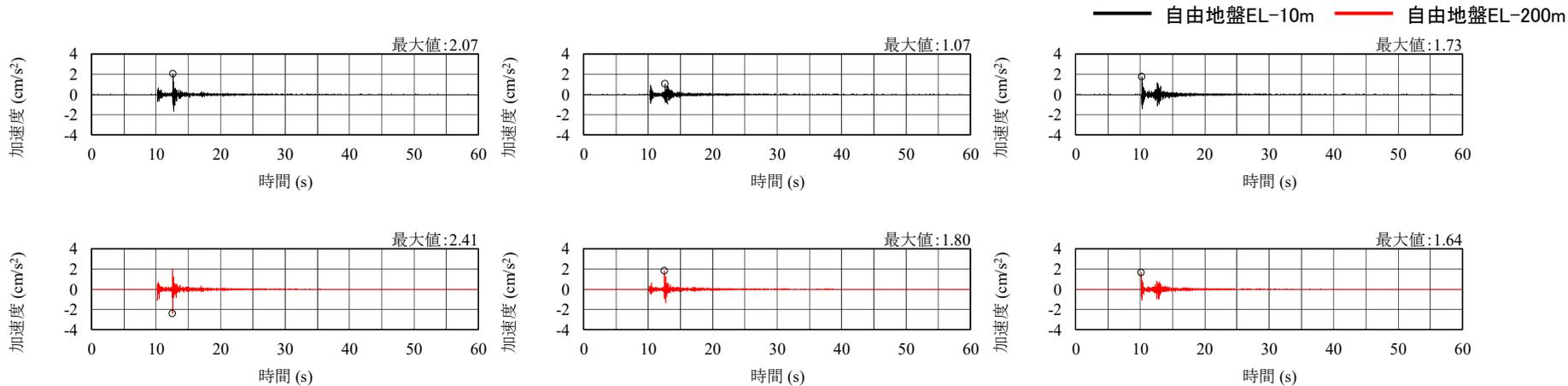
NS方向



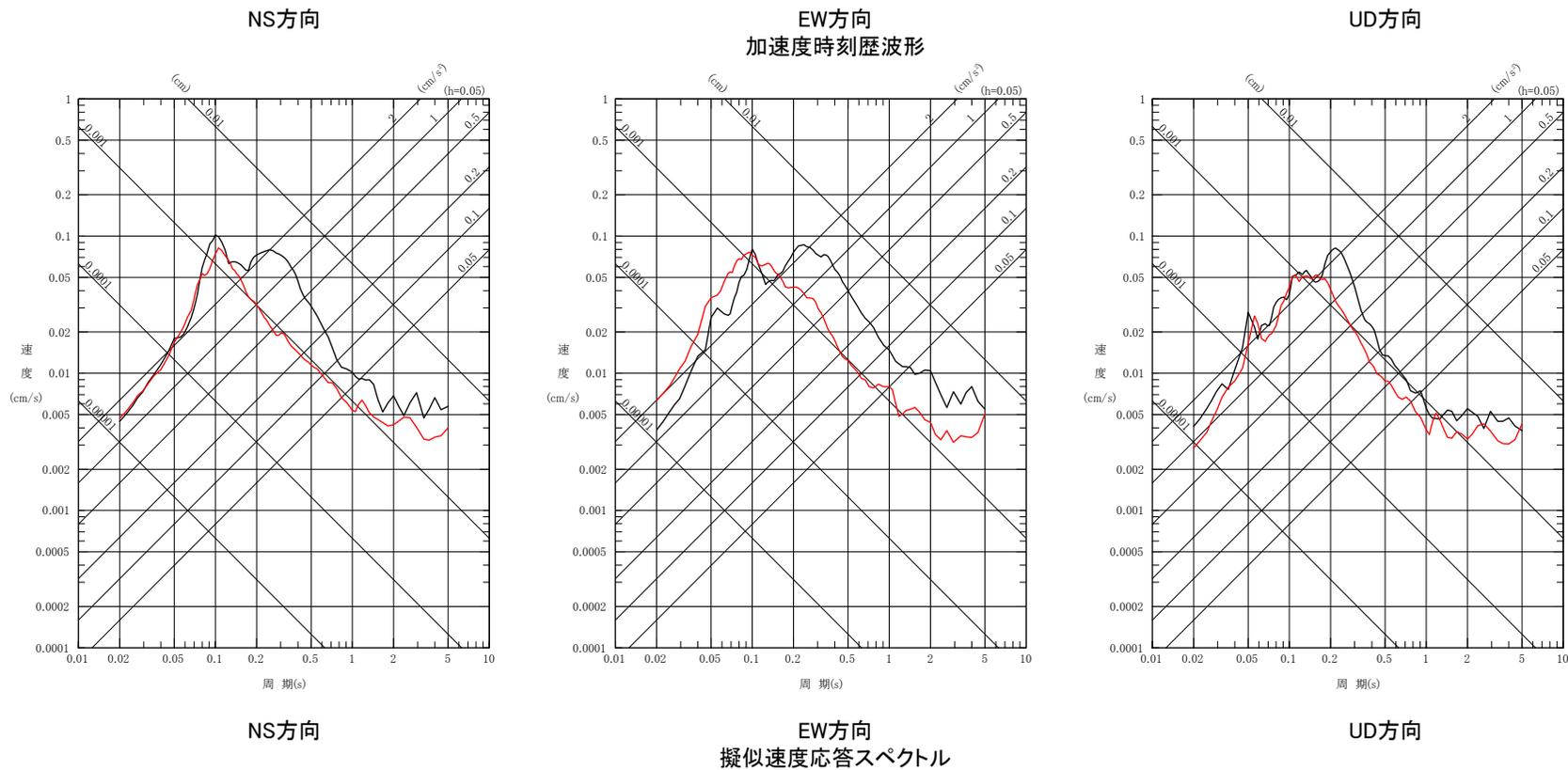
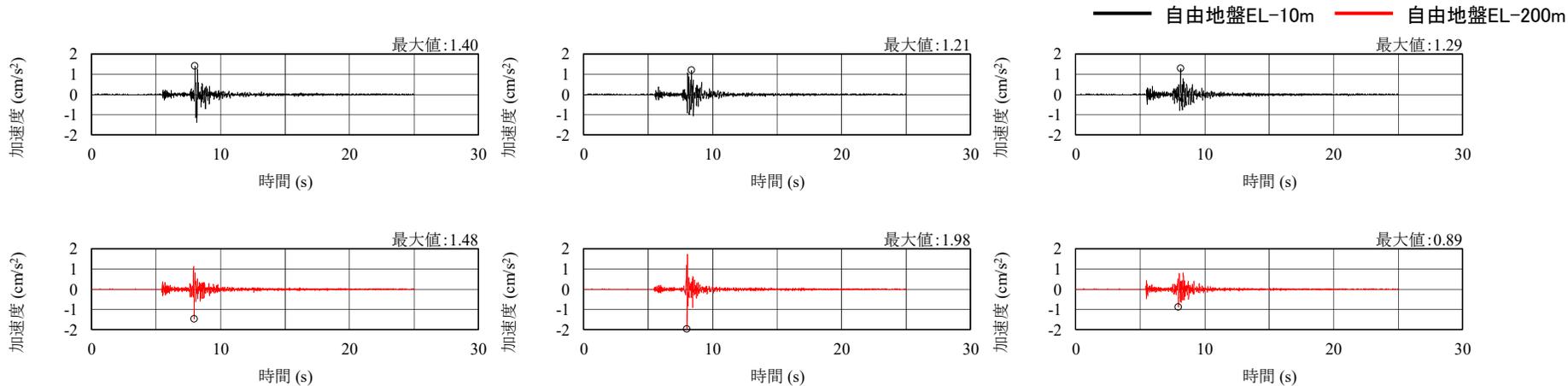
EW方向  
擬似速度応答スペクトル



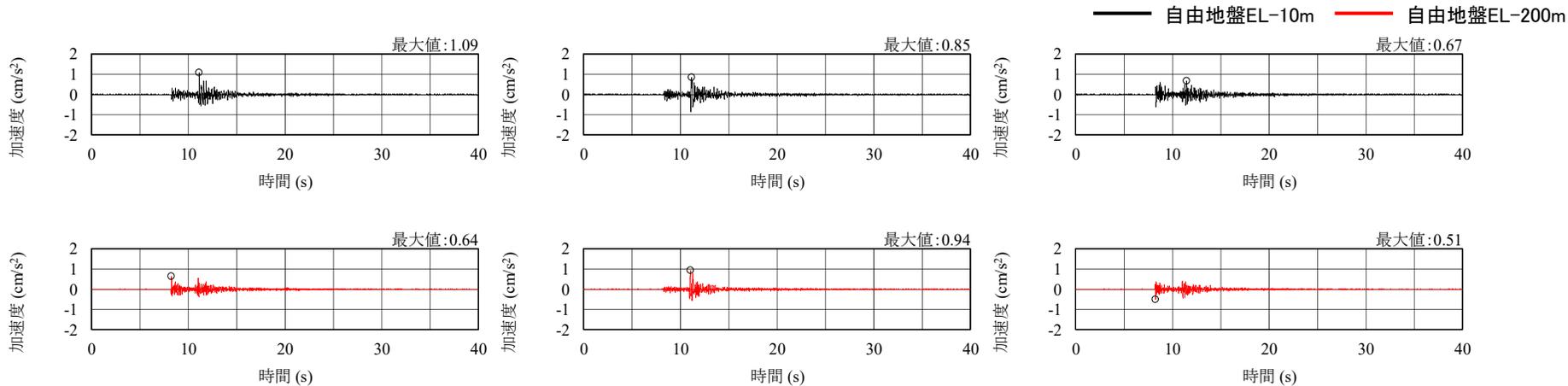
UD方向



# No.46



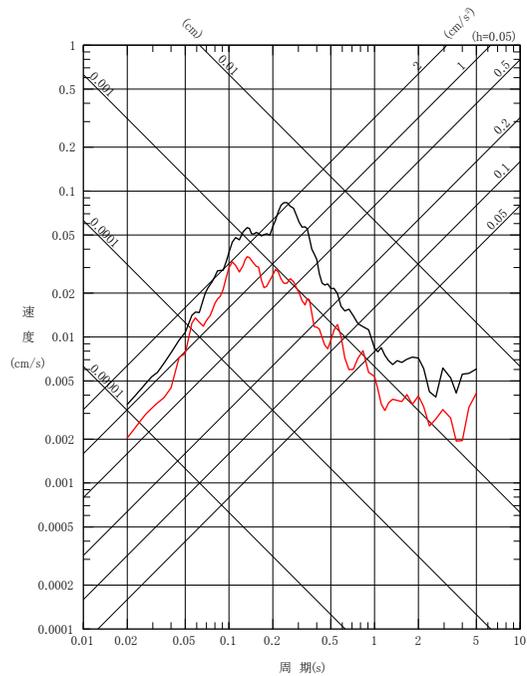
# No.47



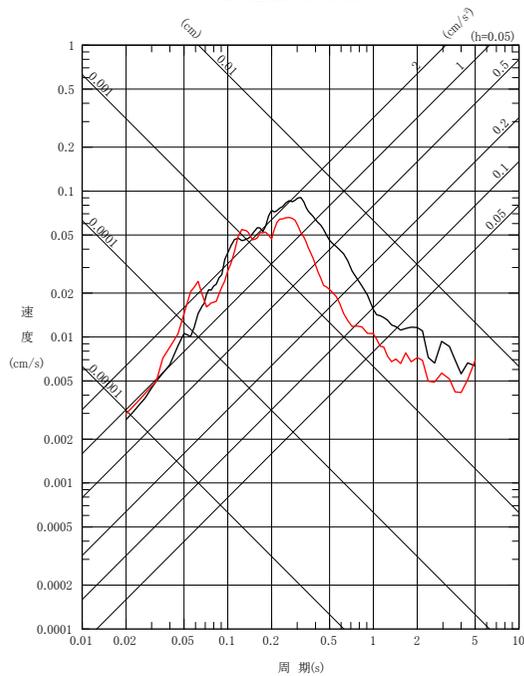
NS方向

EW方向  
加速度時刻歴波形

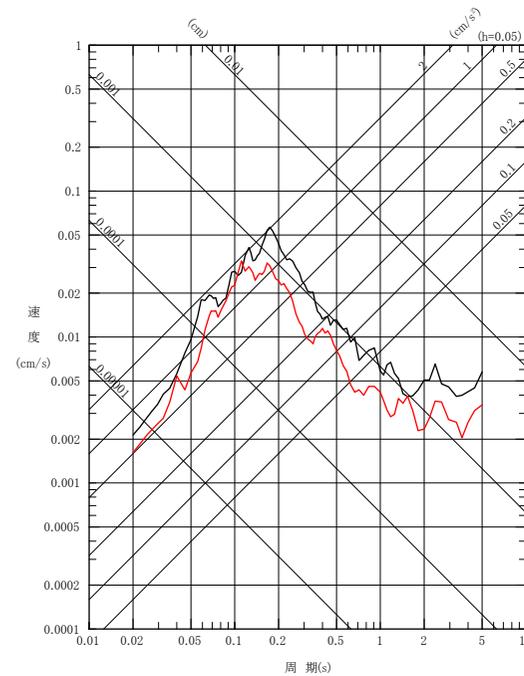
UD方向



NS方向

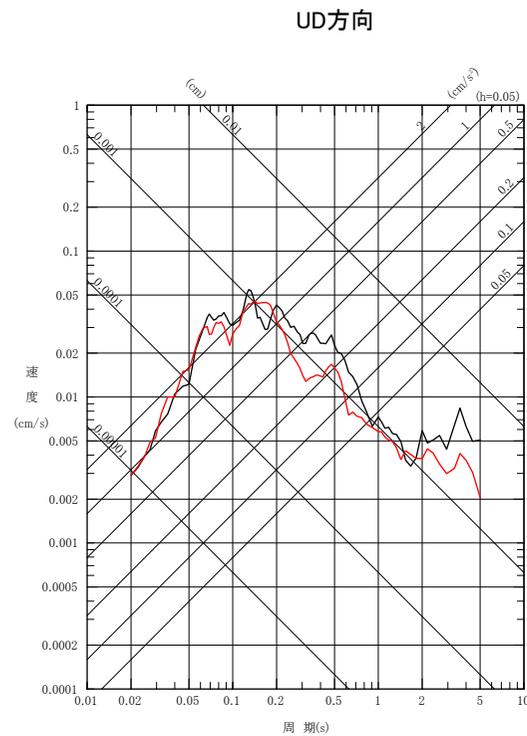
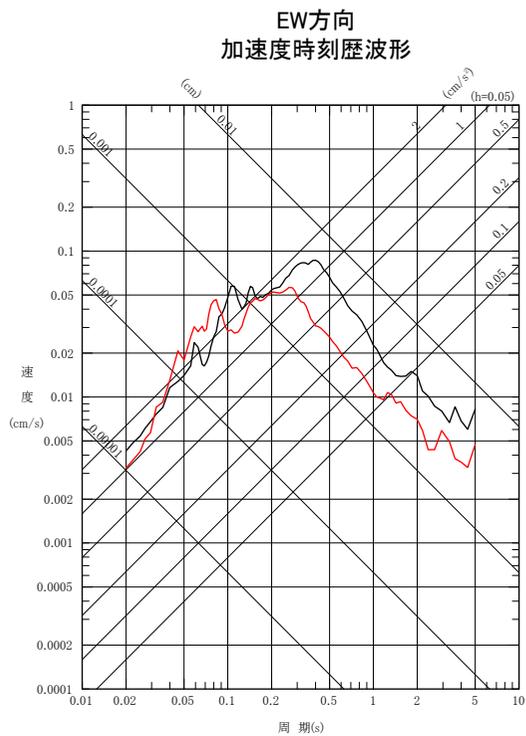
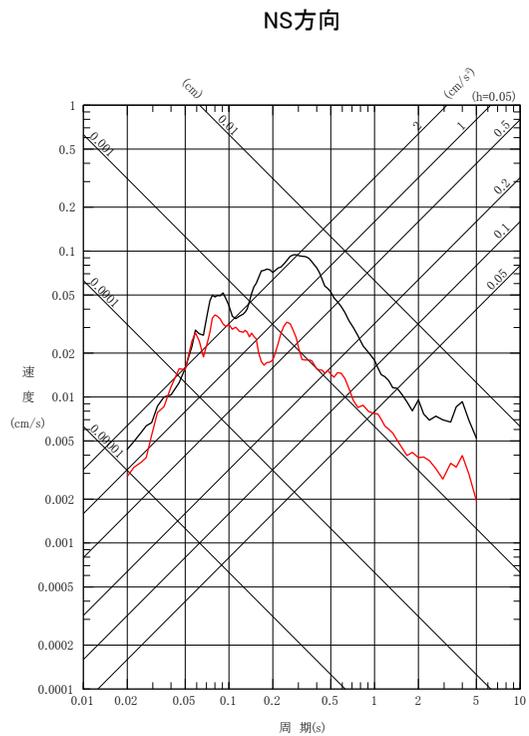
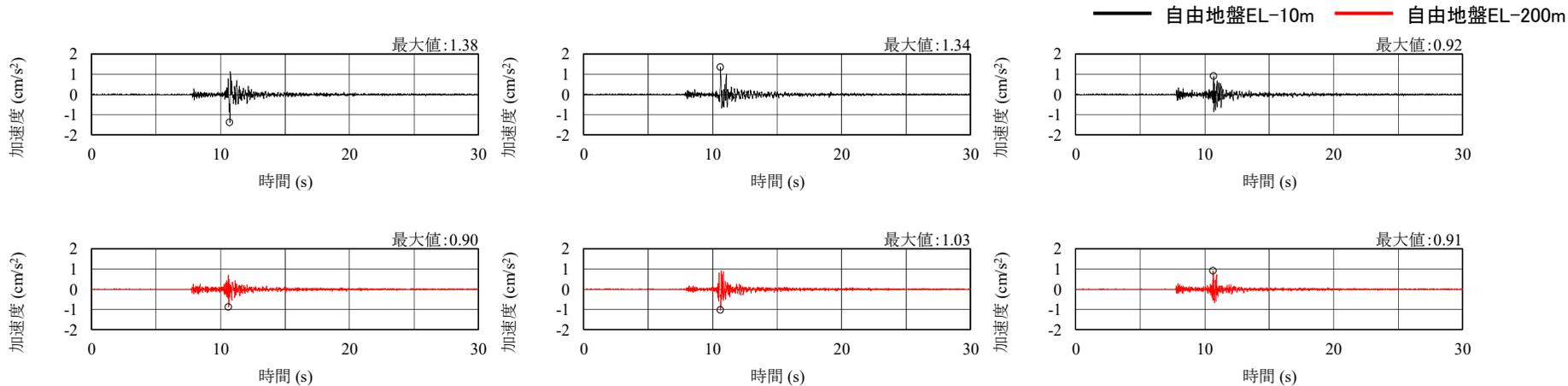


EW方向  
擬似速度応答スペクトル



UD方向

# No.48

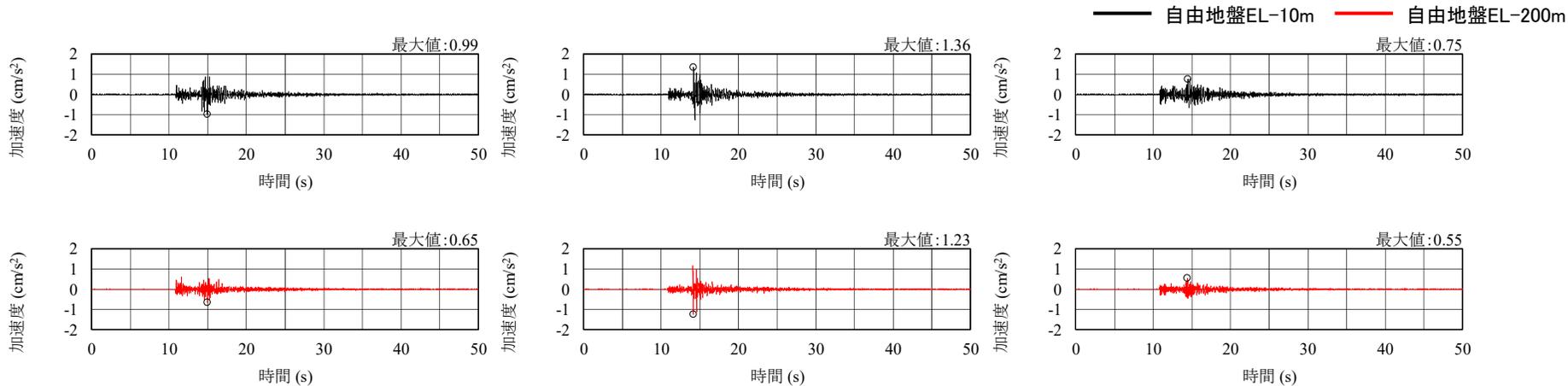


NS方向

EW方向  
擬似速度応答スペクトル

UD方向

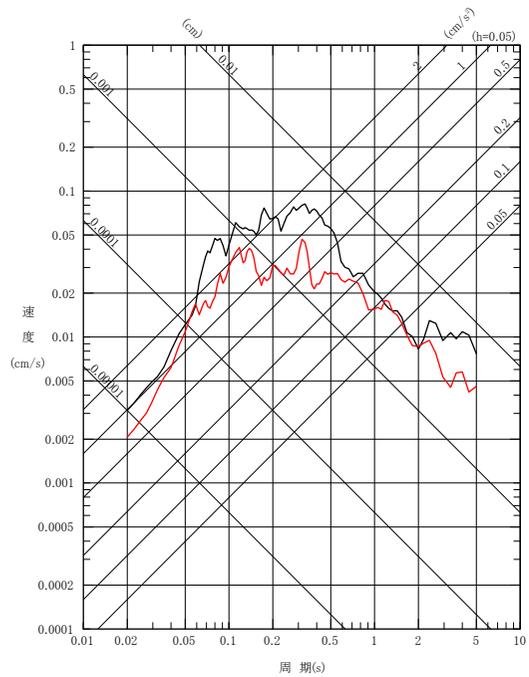
# No.49



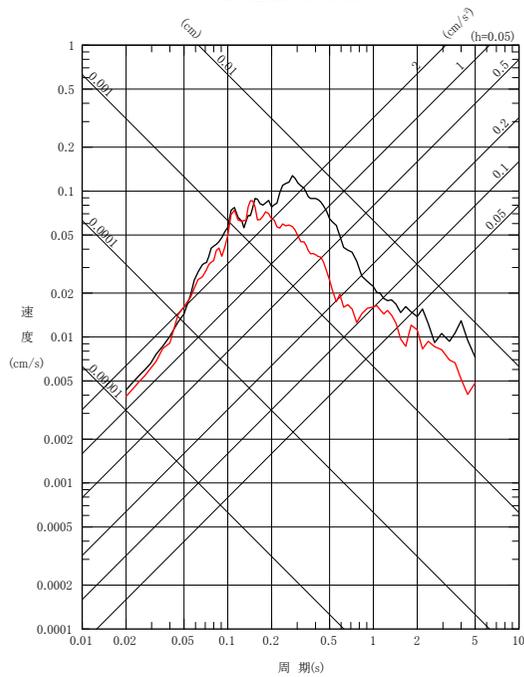
NS方向

EW方向  
加速度時刻歴波形

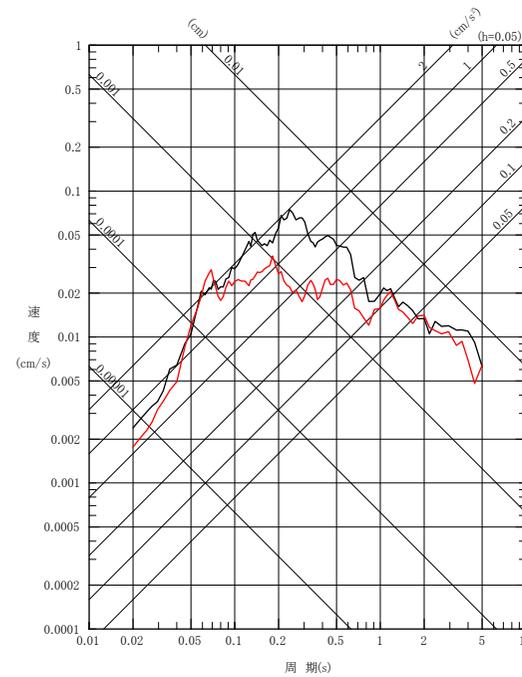
UD方向



NS方向

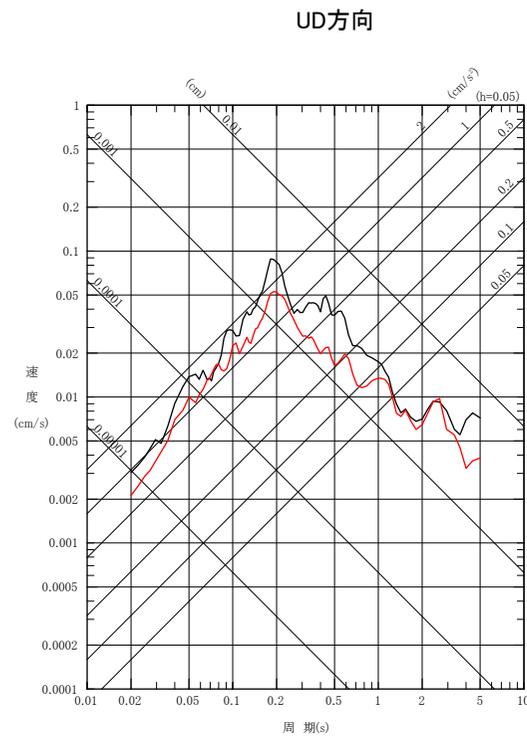
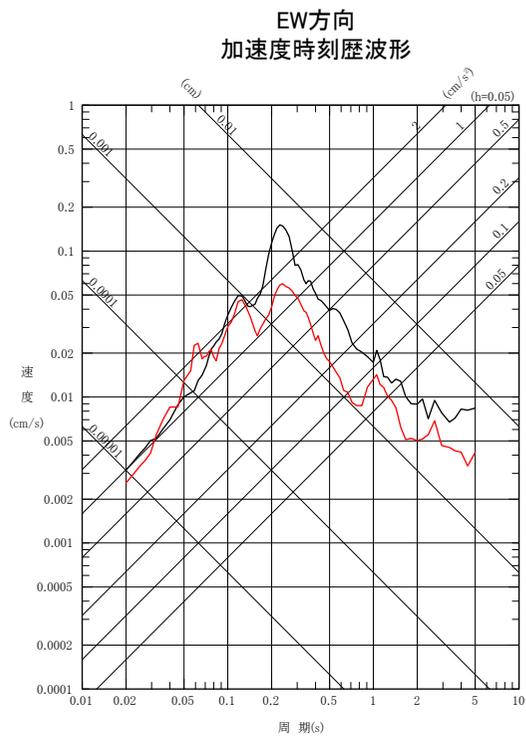
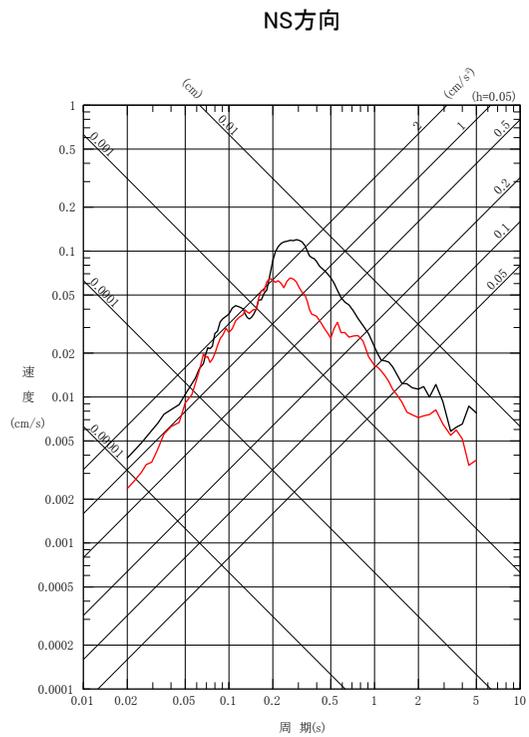
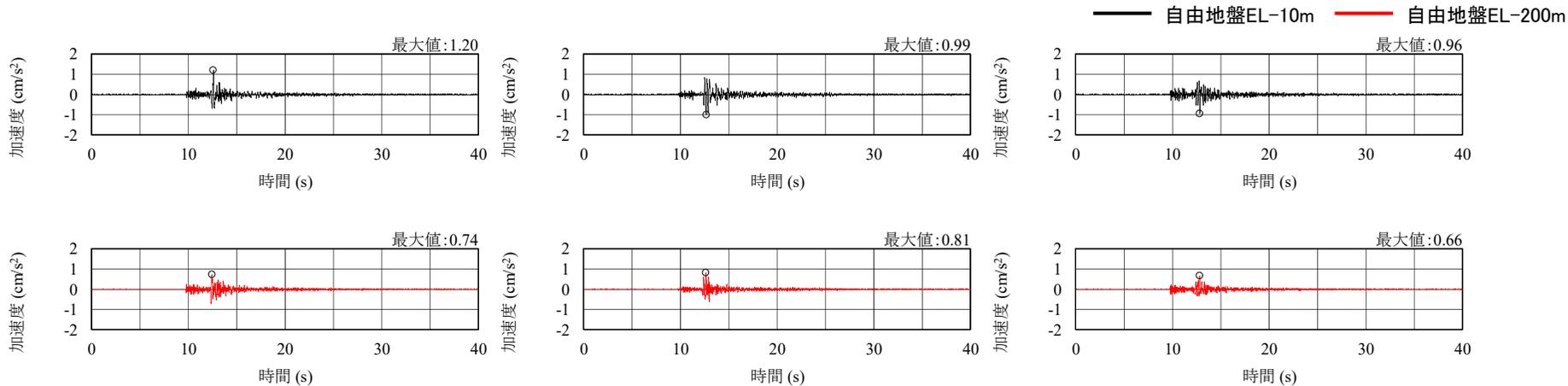


EW方向  
擬似速度応答スペクトル



UD方向

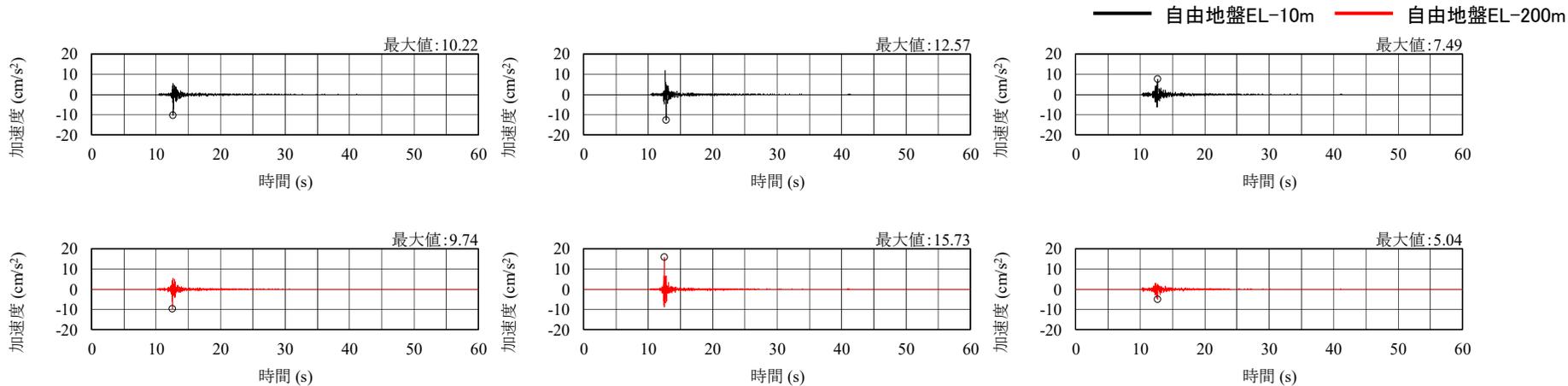
# No.50



NS方向

EW方向  
擬似速度応答スペクトル

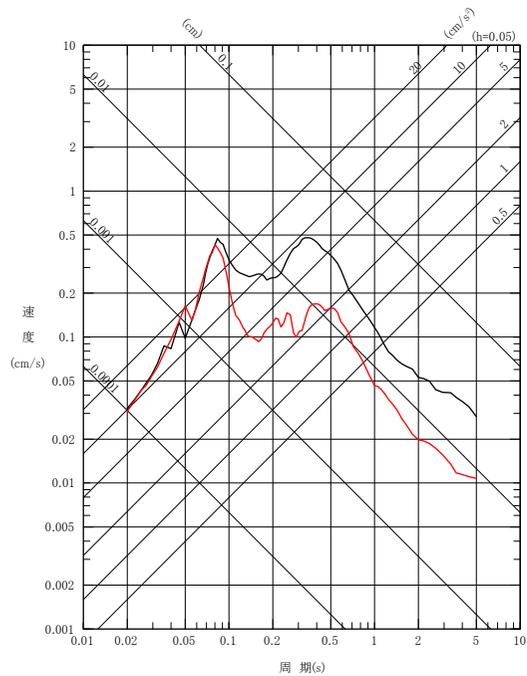
UD方向



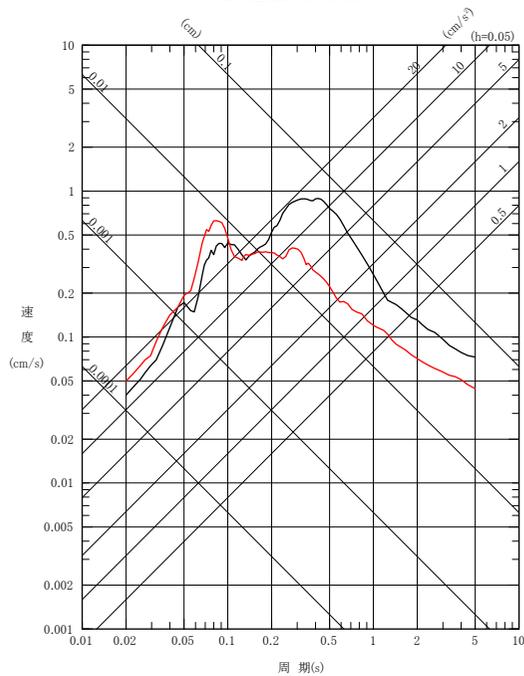
NS方向

EW方向  
加速度時刻歴波形

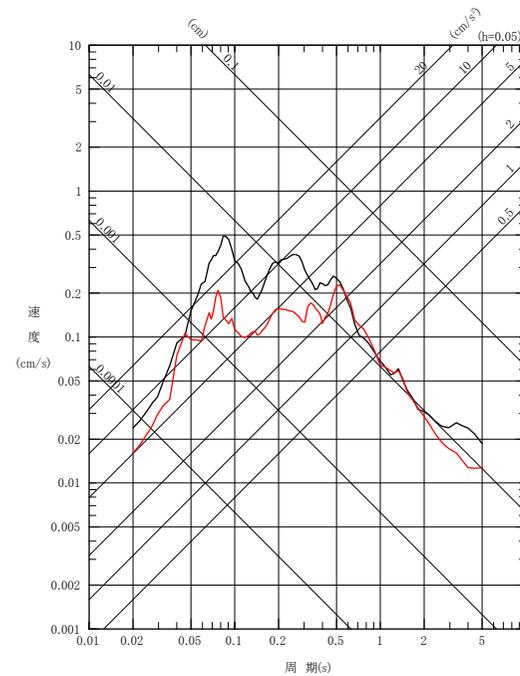
UD方向



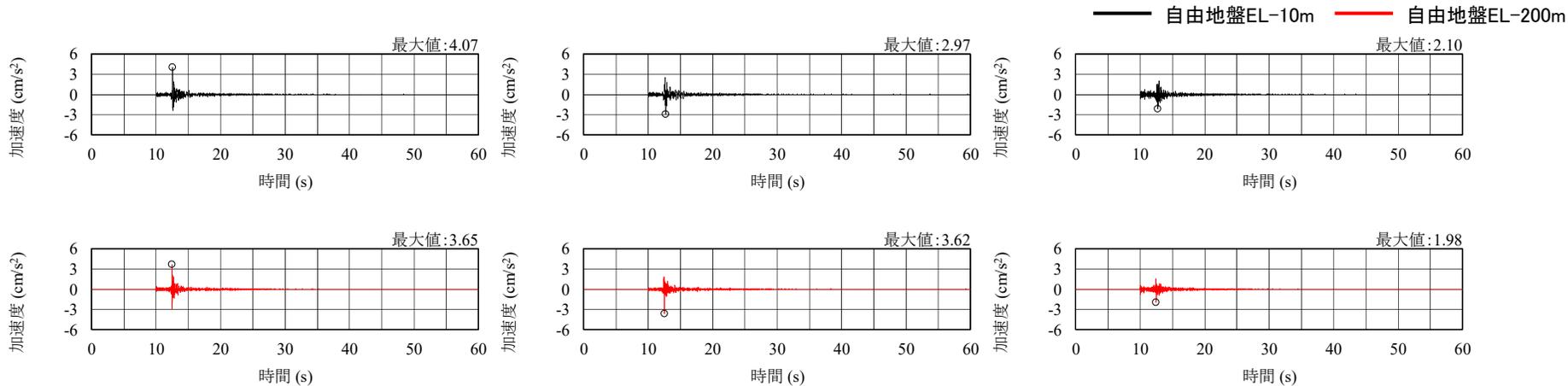
NS方向



EW方向  
擬似速度応答スペクトル



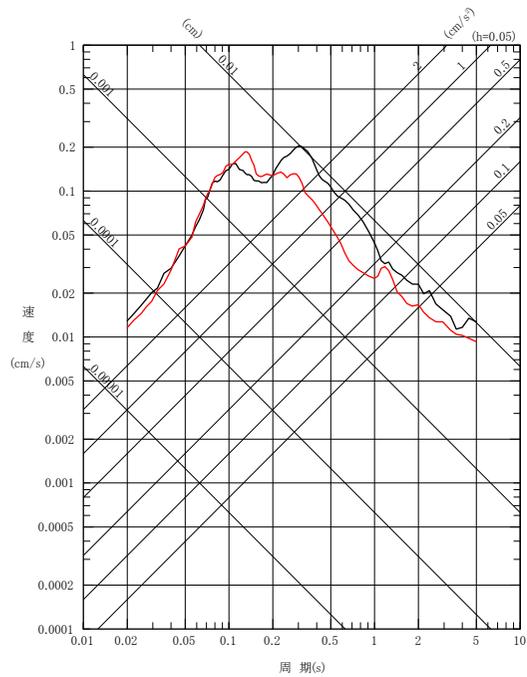
UD方向



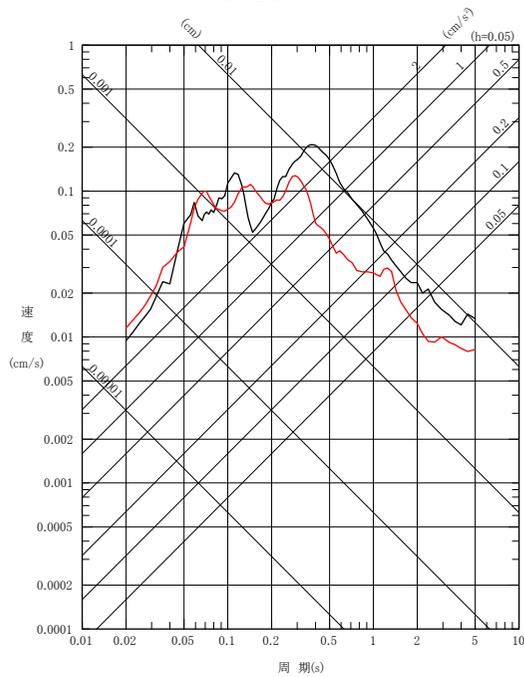
NS方向

EW方向  
加速度時刻歴波形

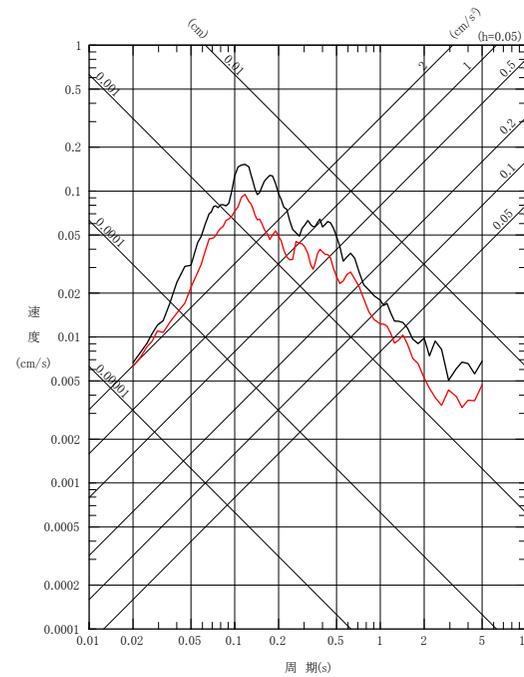
UD方向



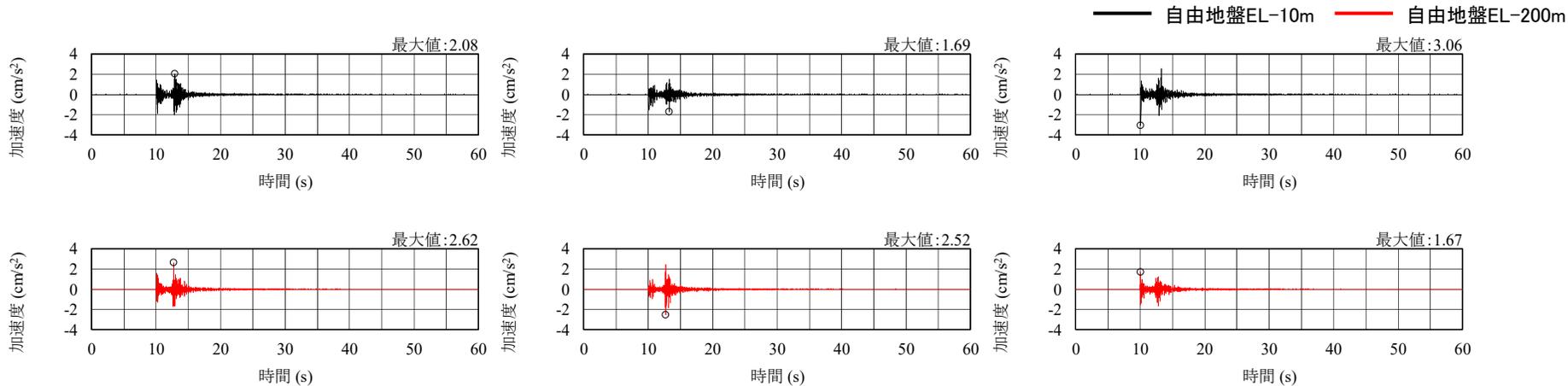
NS方向



EW方向  
擬似速度応答スペクトル



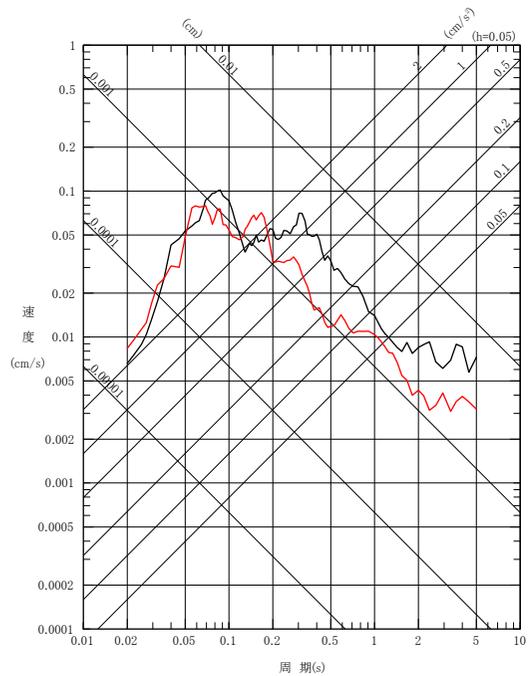
UD方向



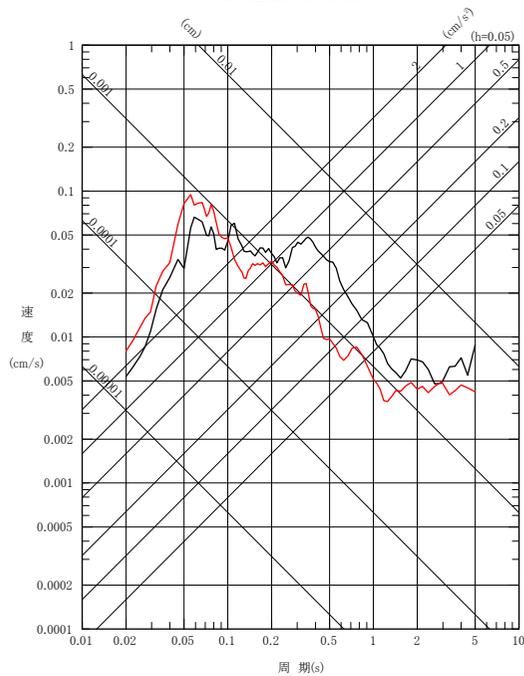
NS方向

EW方向  
加速度時刻歴波形

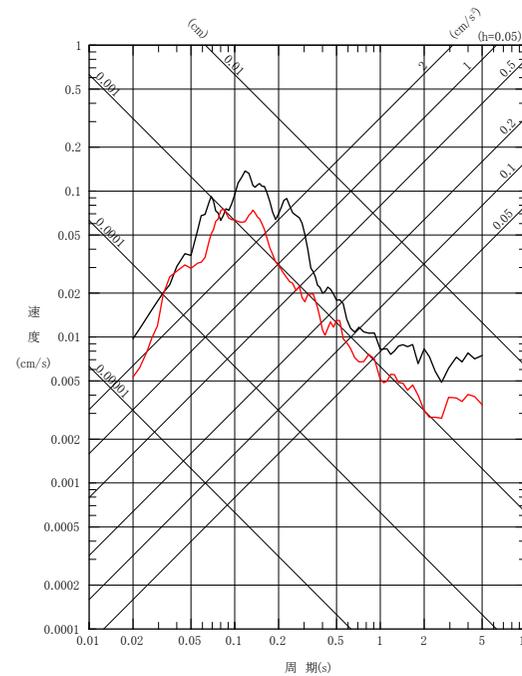
UD方向



NS方向



EW方向  
擬似速度応答スペクトル



UD方向