国土交通省国土技術政策総合研究所

強震観測速報(2014 年伊予灘)

地震諸元

表 1　　地震諸元

発震時	緯度経度	震源深さ	規模	震央地名
2014/03/14 02:06:50.8	33° 41.5′ N 131° 53.4′ E	78 km	6.2	伊予灘

強震記録

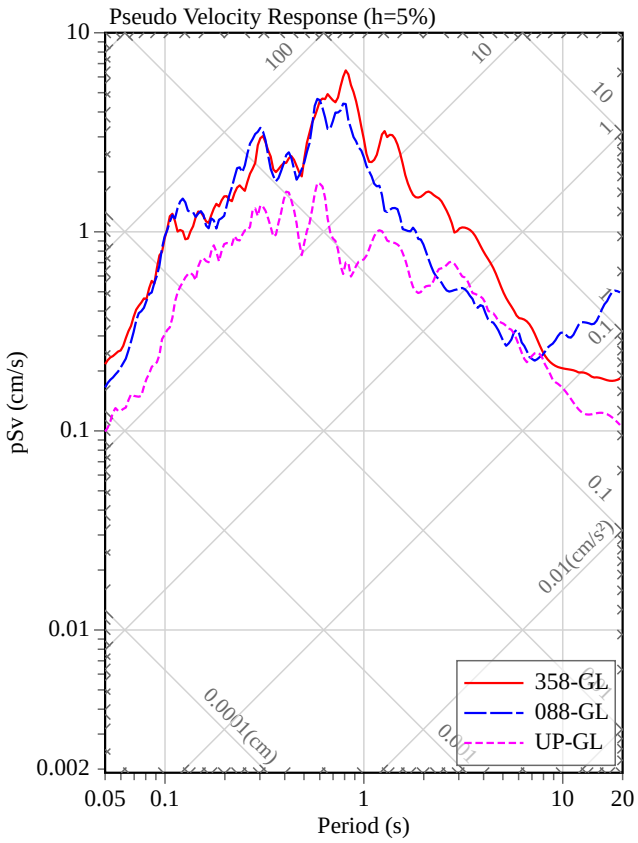
表 2.1　　強震記録一覧

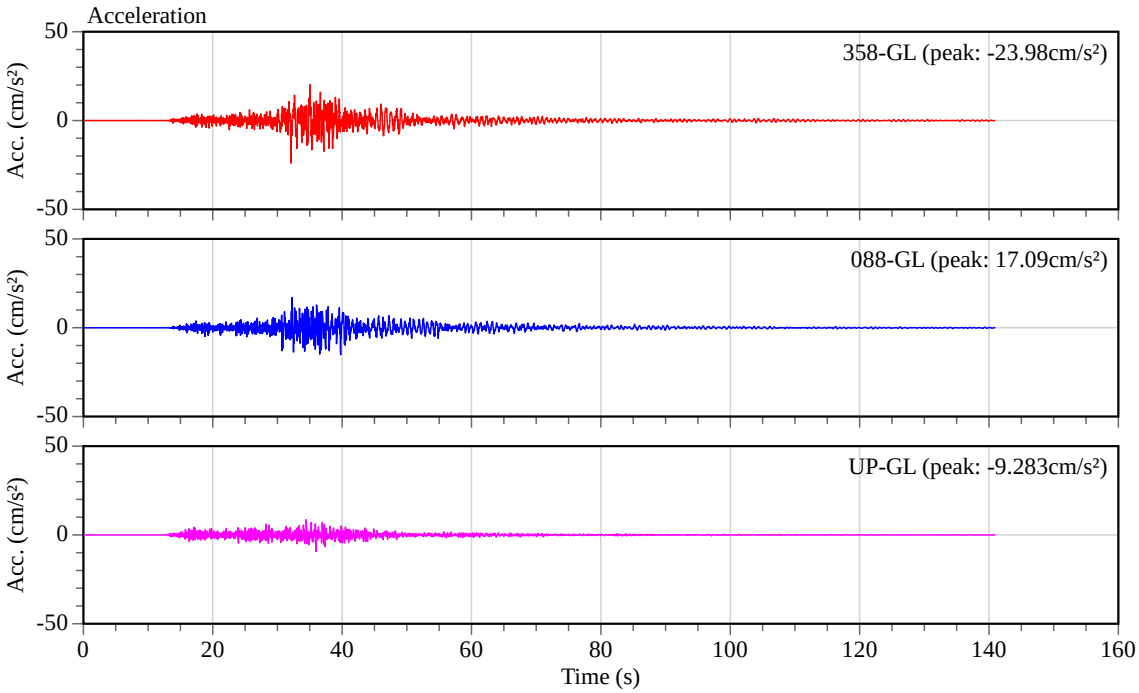
記号	住所	Δ (km)	I_{JMA}	設置方位	位置	最大加速度 (cm/s²)			備考
						H1	H2	V	
NBO	宮崎県延岡市	125	2.9	358°	GL	-23.98	17.09	-9.283	
					01F	21.95	16.80	11.58	
					04F	50.42	31.95	12.35	
WUM	高知県高知市	152	3.1	001°	GL	-20.65	23.75	-10.75	
					01F	-20.32	25.54	6.613	
					06F	43.30	65.75	11.76	
KCH	高知県高知市	153	2.3	350°	GL	9.638	-9.904	-6.608	
					B1F	13.34	-11.73	-7.235	
					08F	10.30	10.26	-8.598	
KNU	高知県高知市	155	3.3	003°	GL	-23.15	24.21	10.25	
					01F	-21.89	-24.04	8.690	
					03F	-25.33	39.69	-8.918	
MYZ	宮崎県宮崎市	202	3.0	357°	GL	18.36	-13.91	14.03	
					01F	-14.07	14.78	-3.289	
					09F	38.11	59.20	-8.381	
TSM	愛知県津島市	476	2.3	004°	GL	6.703	7.410	-3.587	
					GL2	6.670	8.864	3.564	
					1F	-6.846	8.660	2.490	
					6PH	12.52	-13.91	3.052	
NGZ	愛知県名古屋市	490	1.9	265°	GL	-5.281	5.359	-2.983	
					B2N	3.501	-3.383	2.482	
					9PH	8.506	29.46	4.396	

SMZ	静岡県静岡市	625	1.1	345°	GL	-1.602	1.361	0.669	
					01F	-1.194	1.682	-0.710	
					06F	4.682	-2.587	-0.814	

観測地点位置

2014/03/14 02:08:23 at : NBO, Intensity: 2.9





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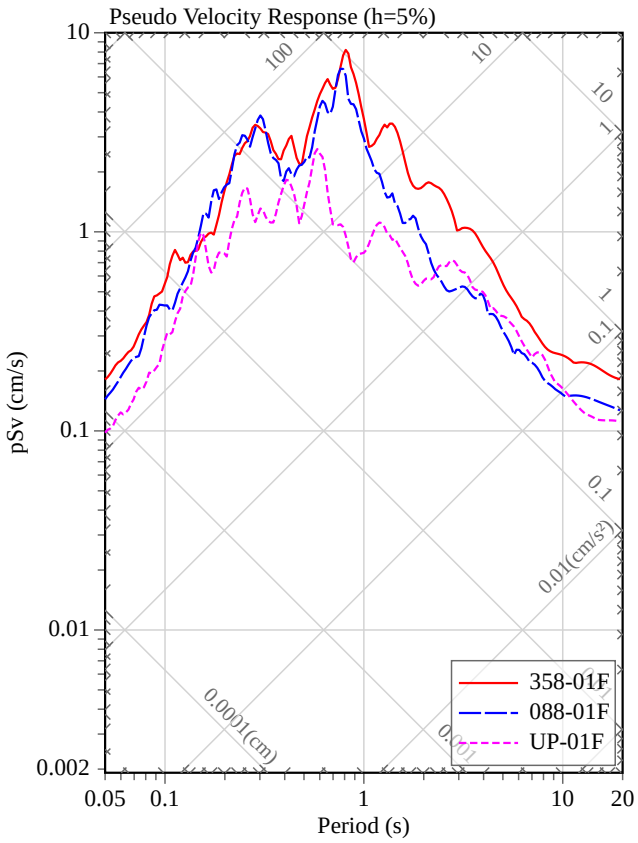

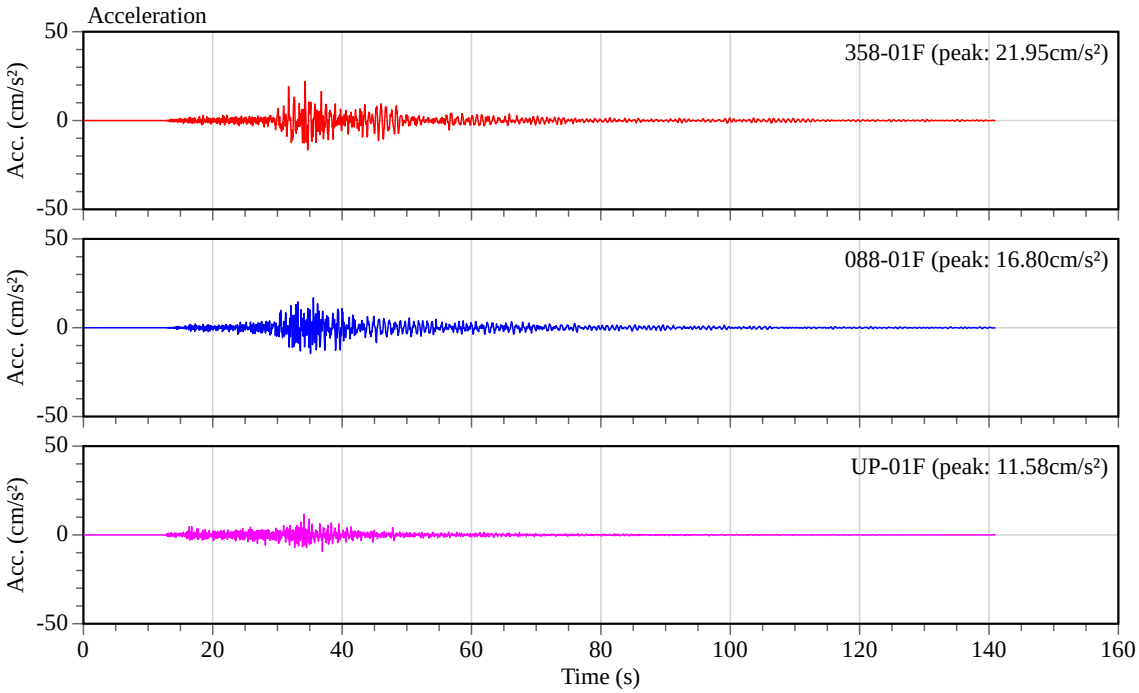

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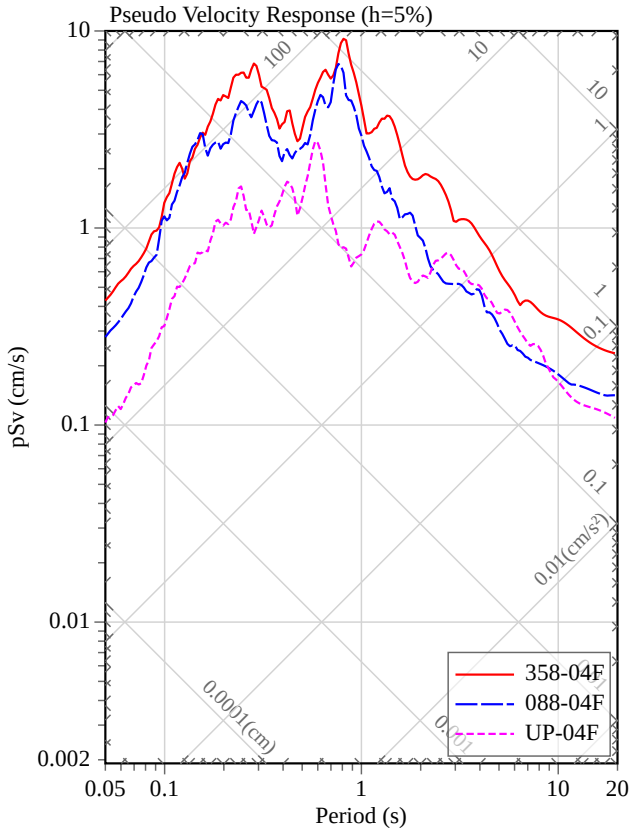
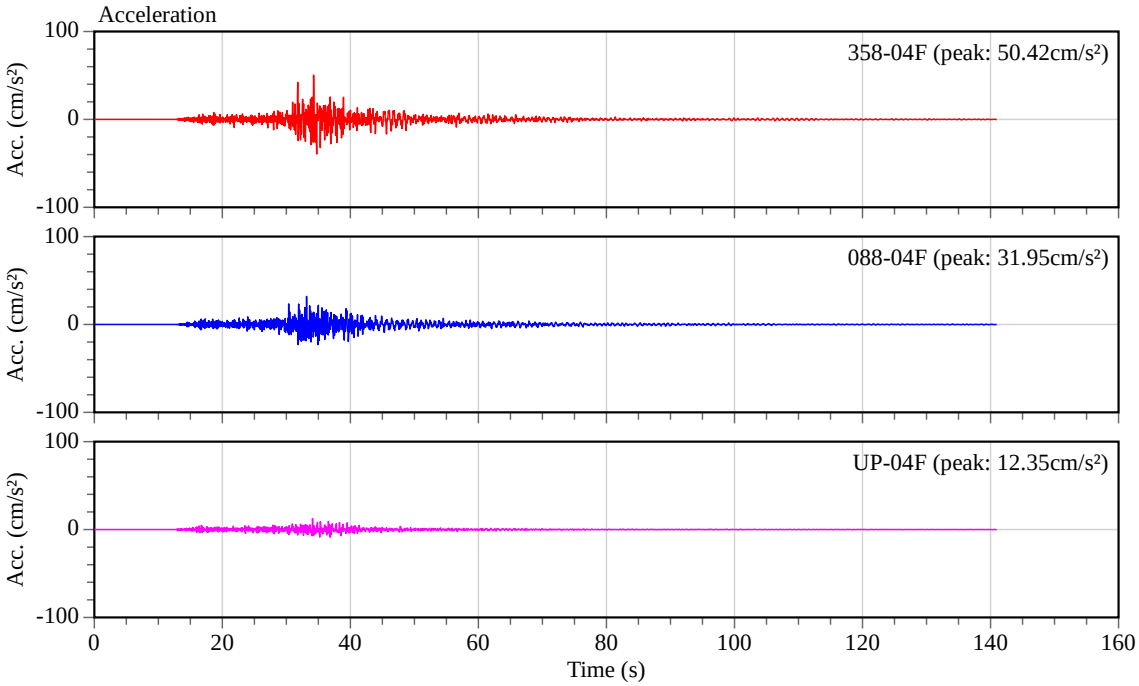
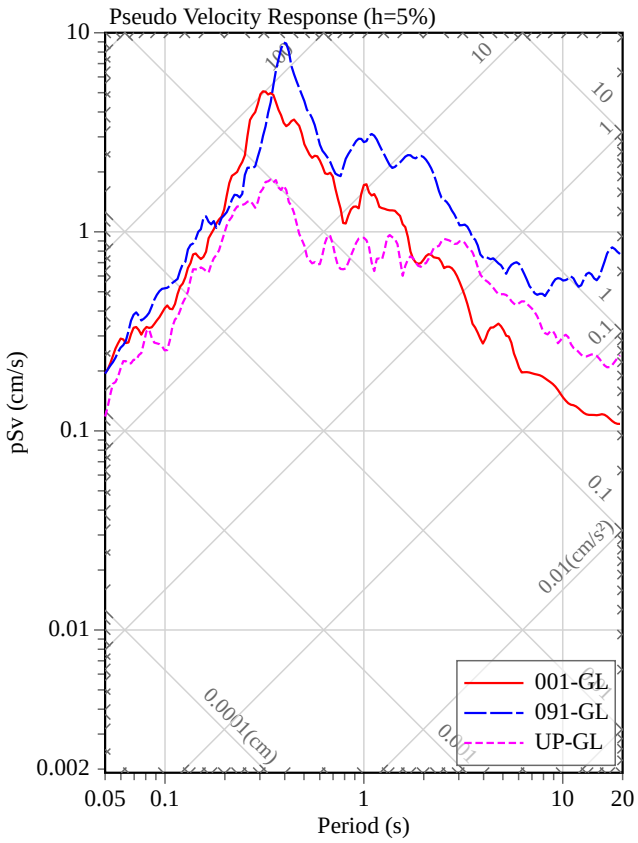
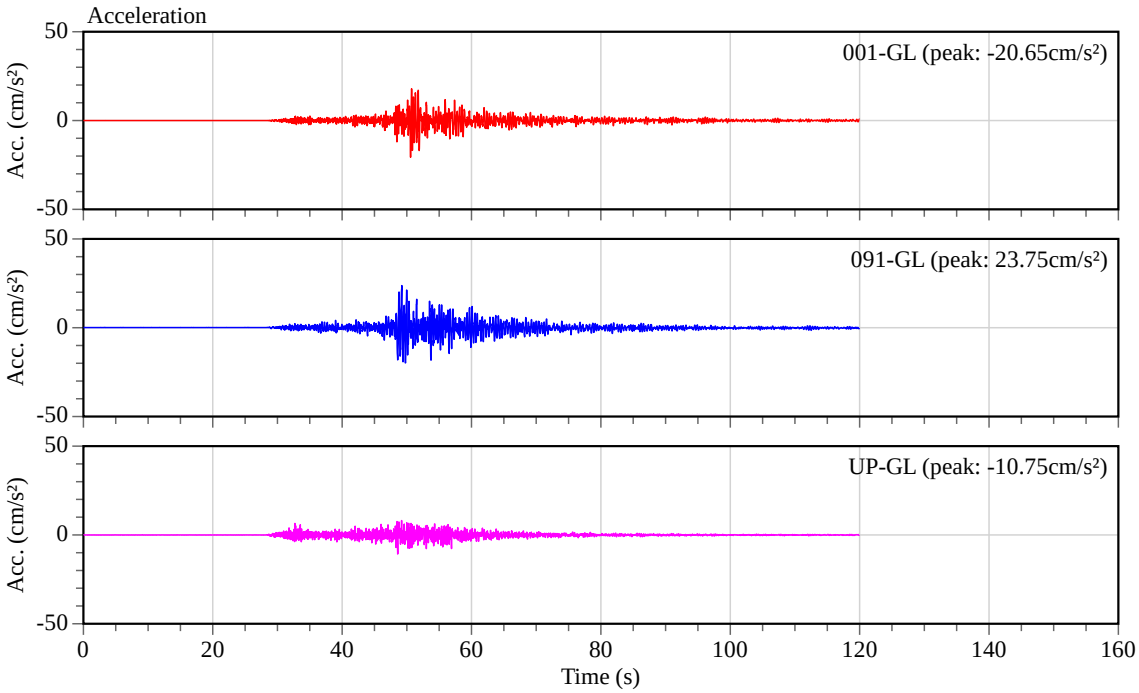




2014/03/14 02:06:48 at : WUM, Intensity: 3.1





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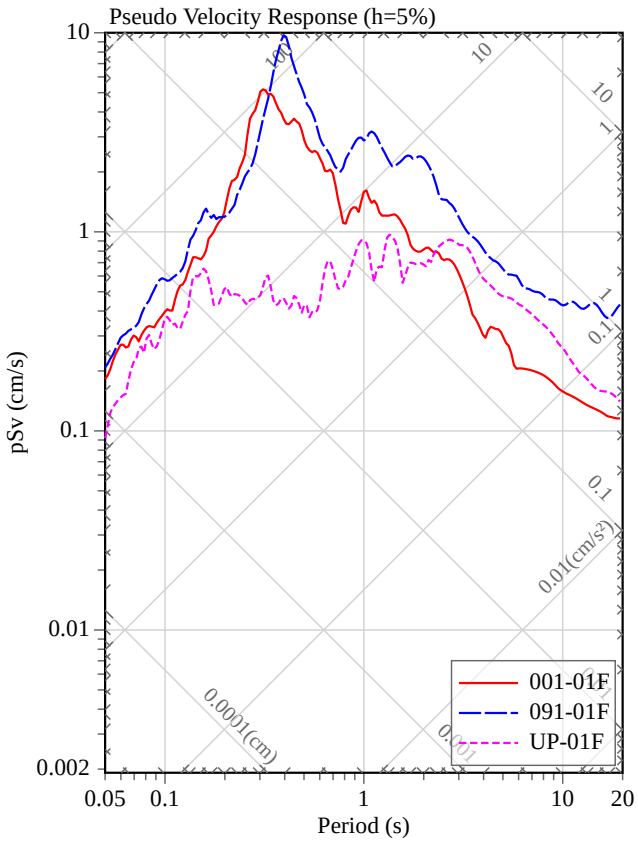

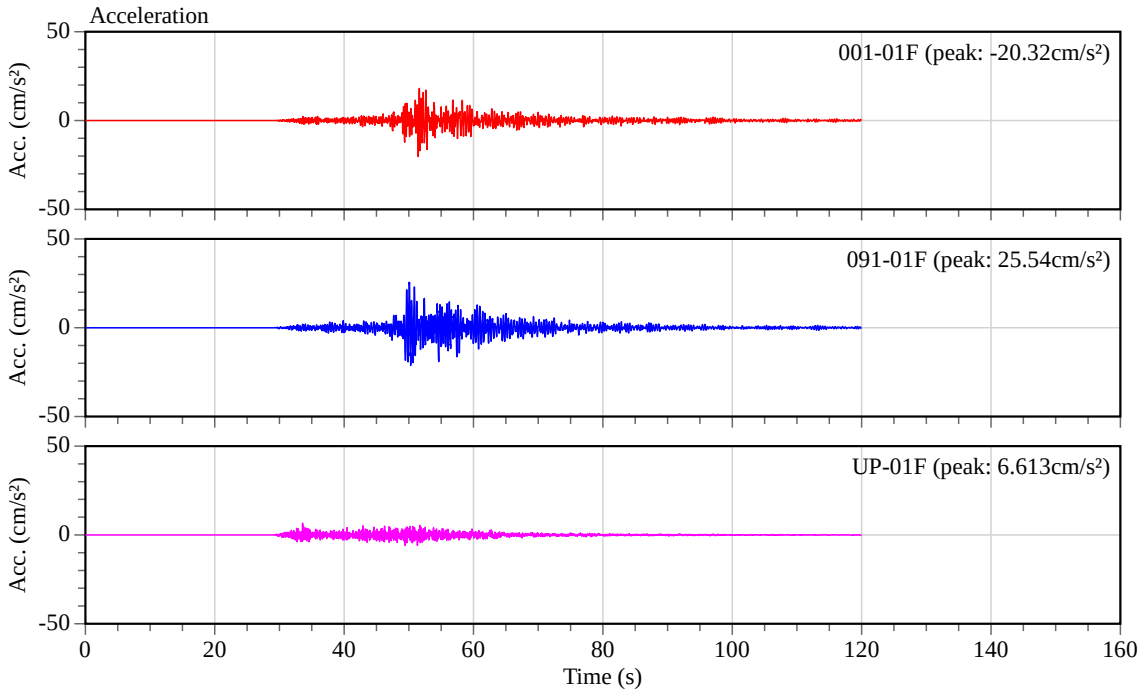

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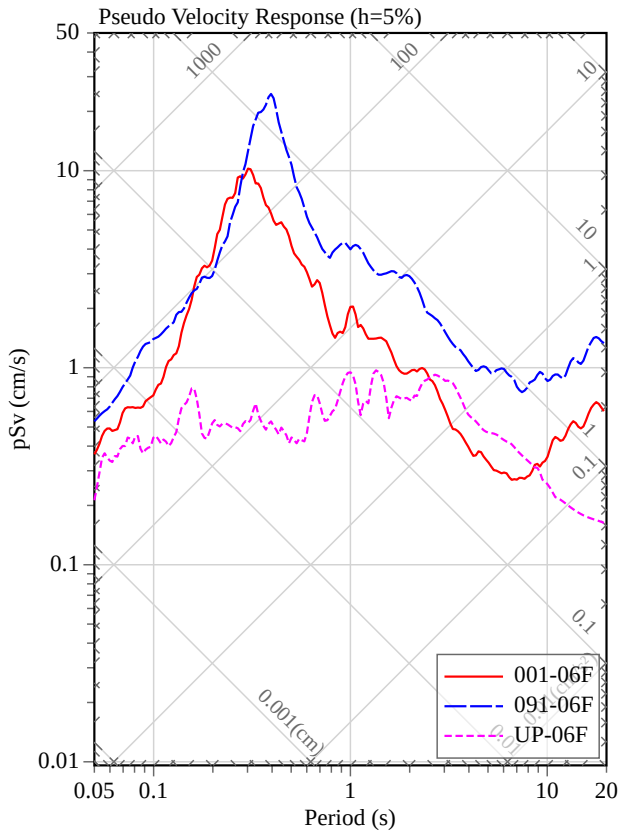

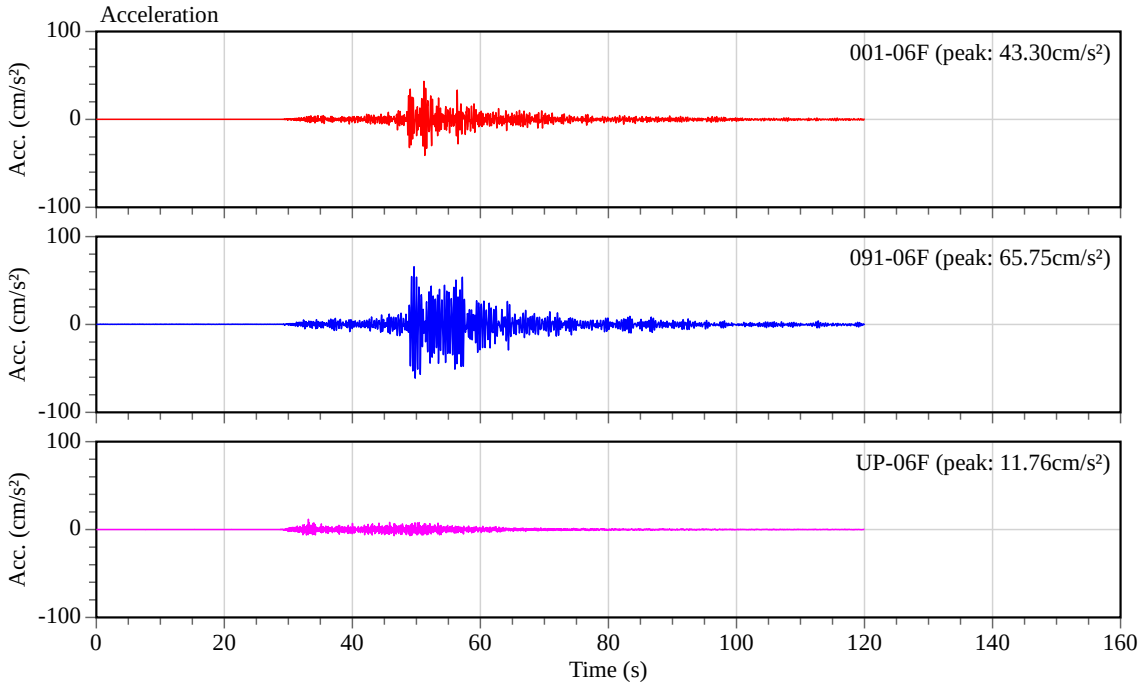

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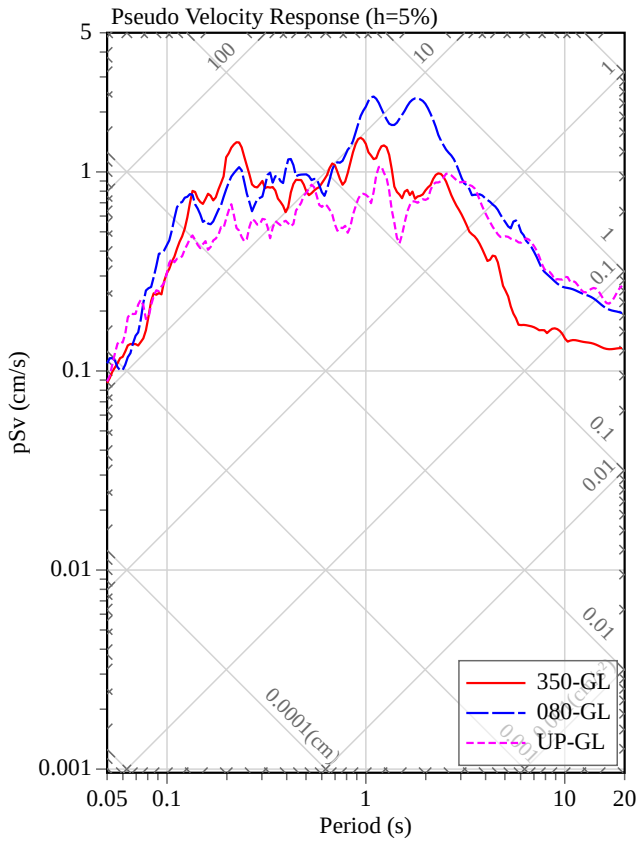

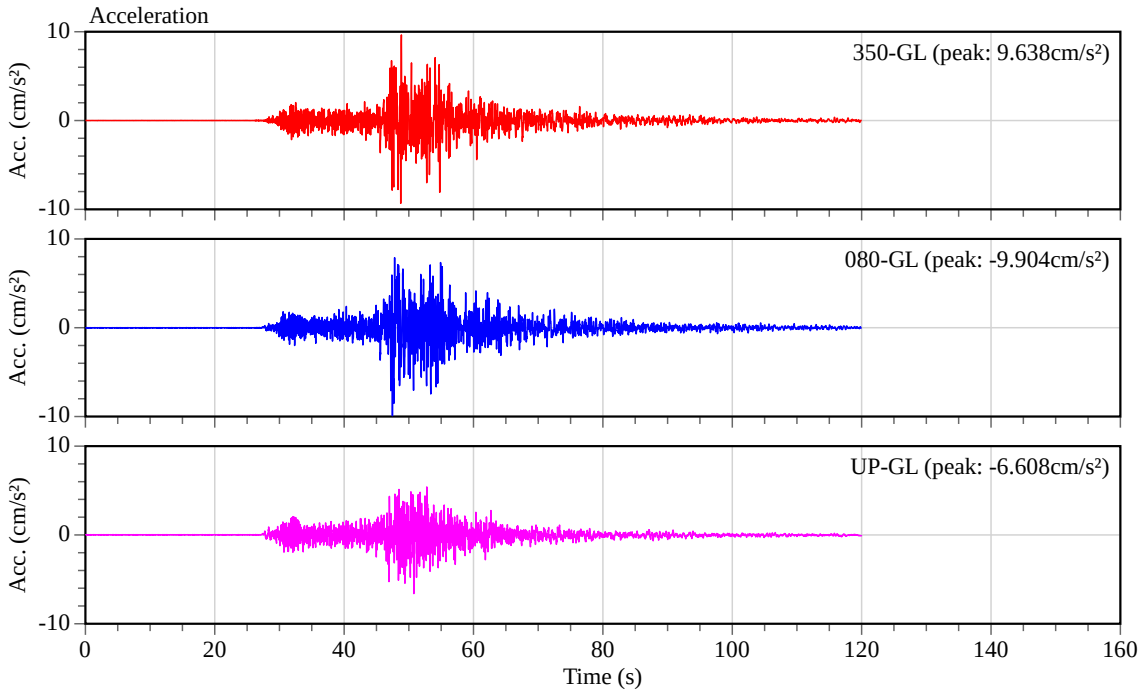

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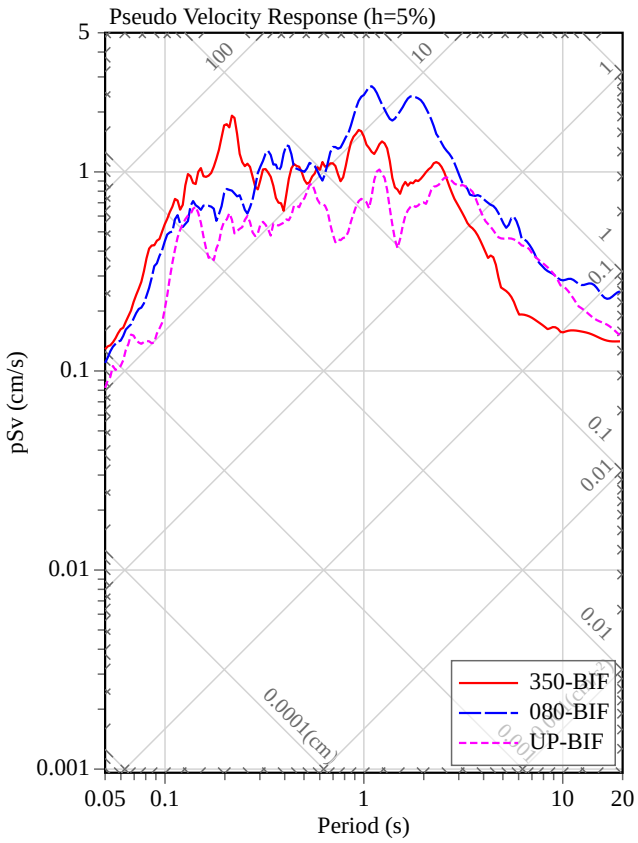

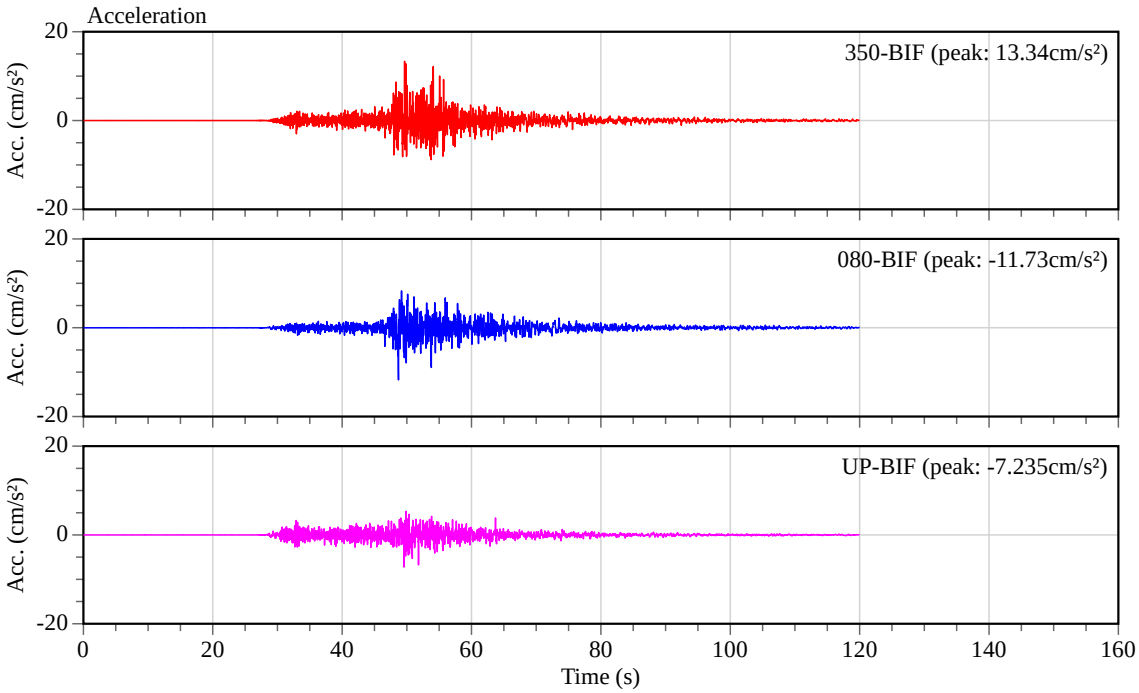

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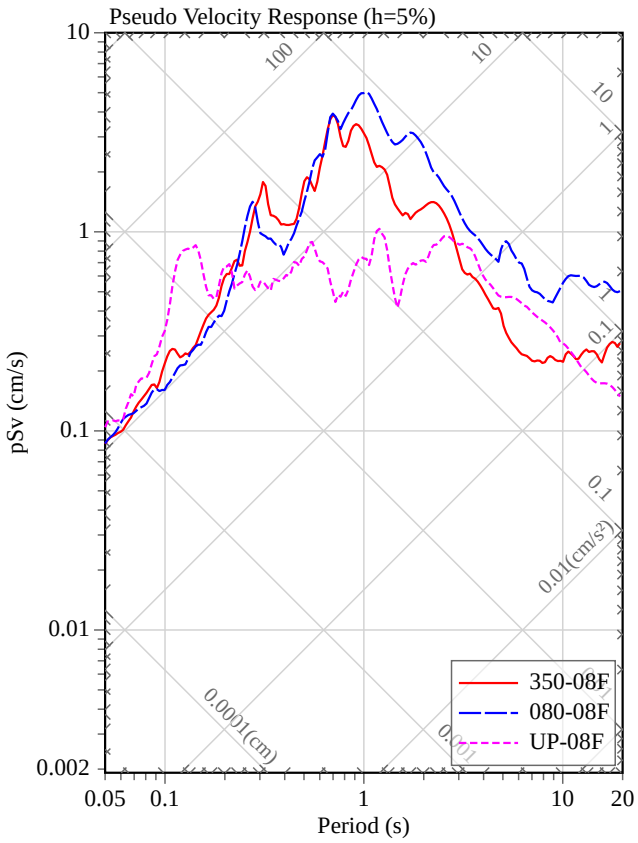

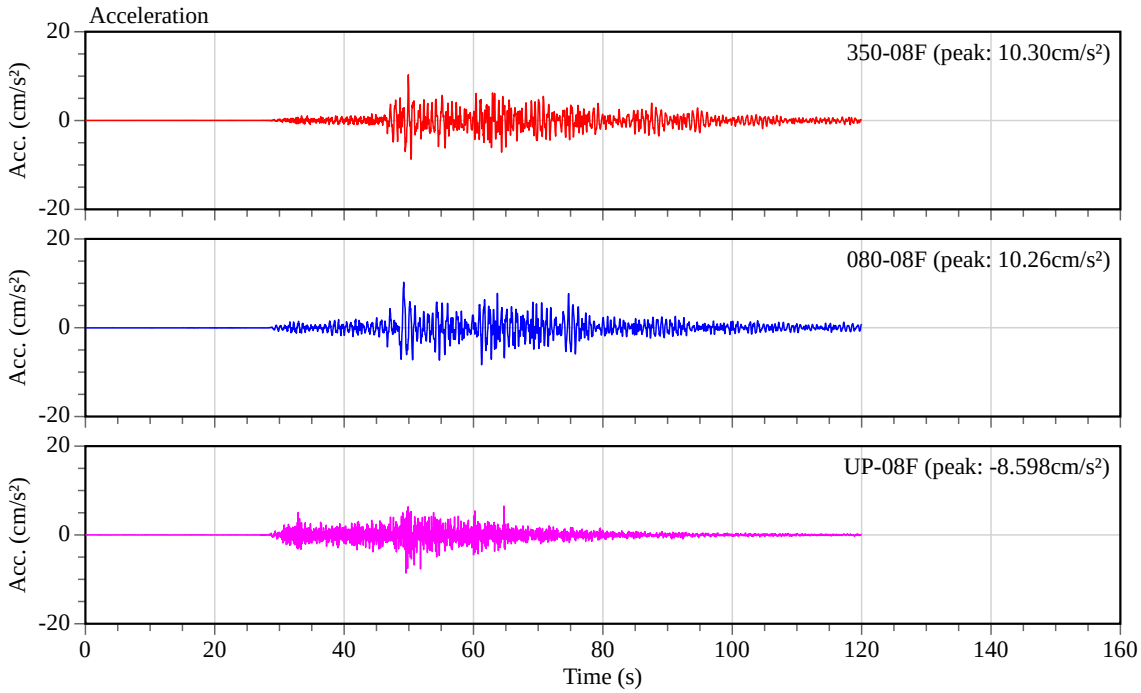

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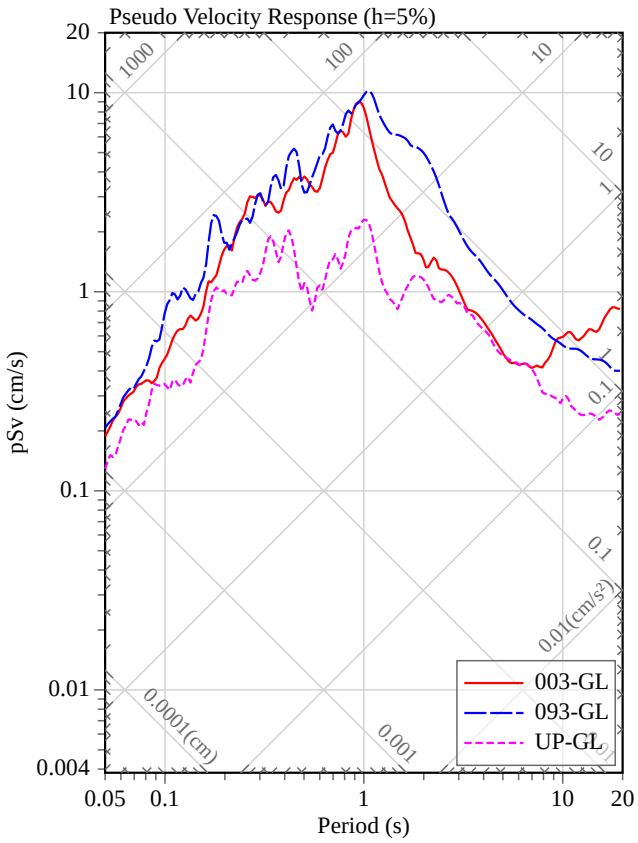

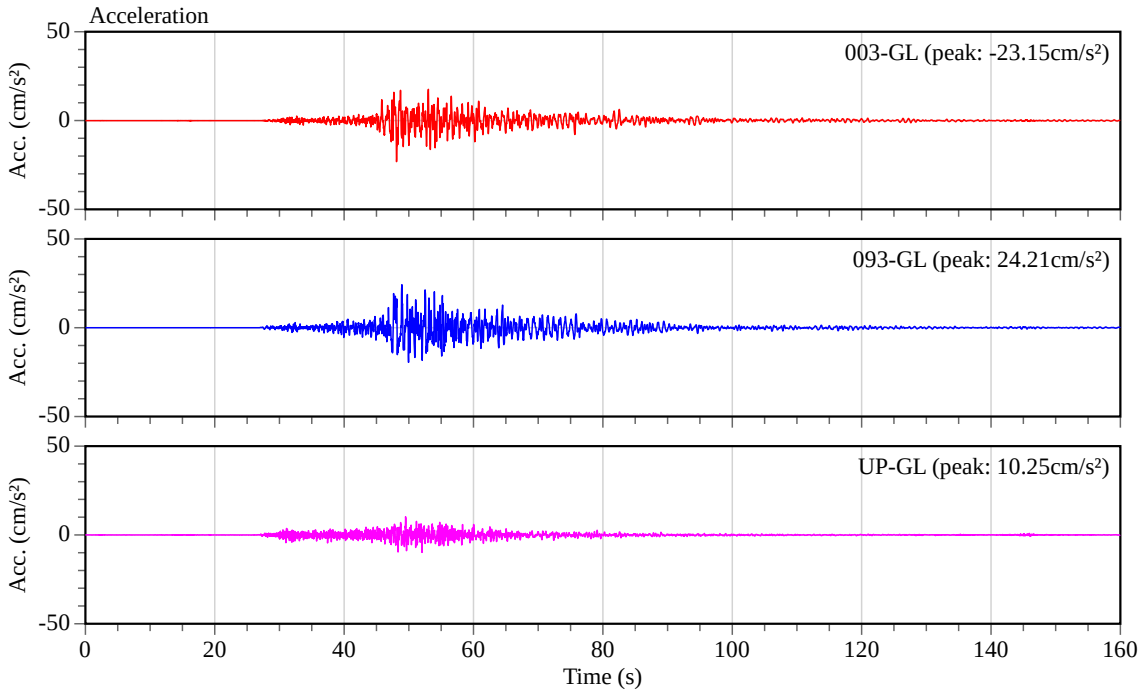

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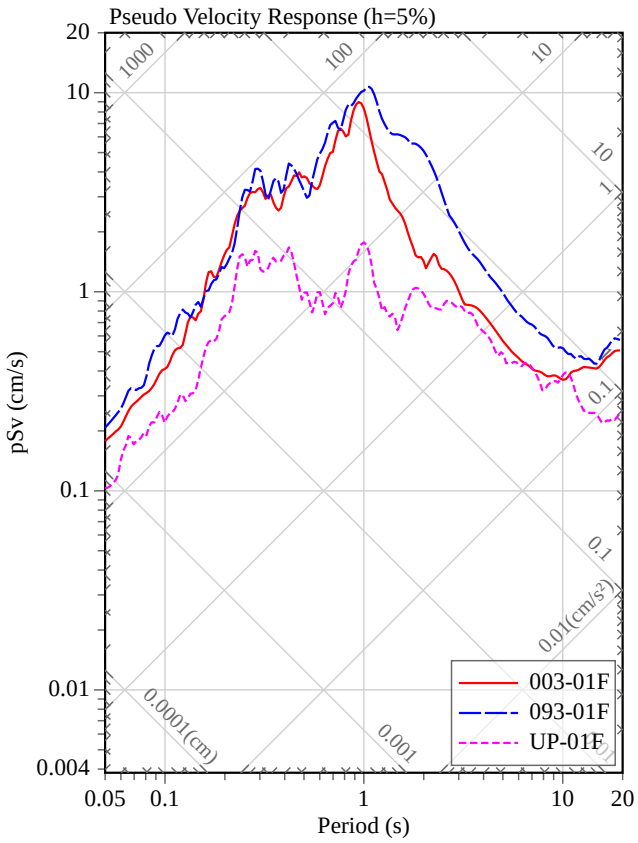

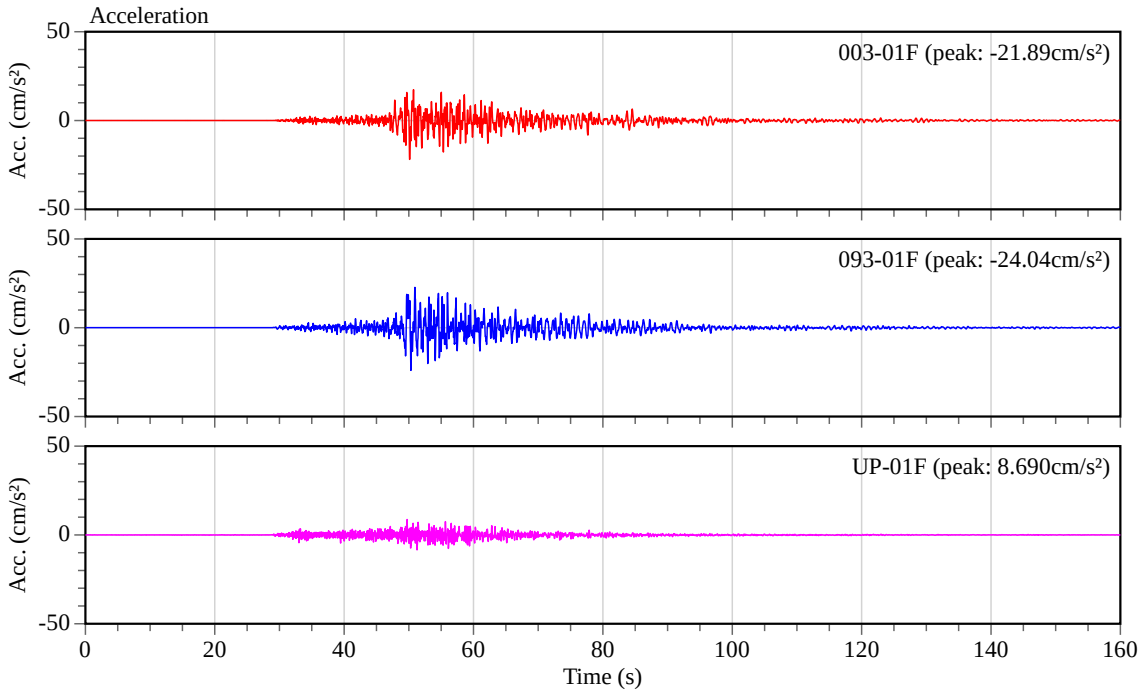

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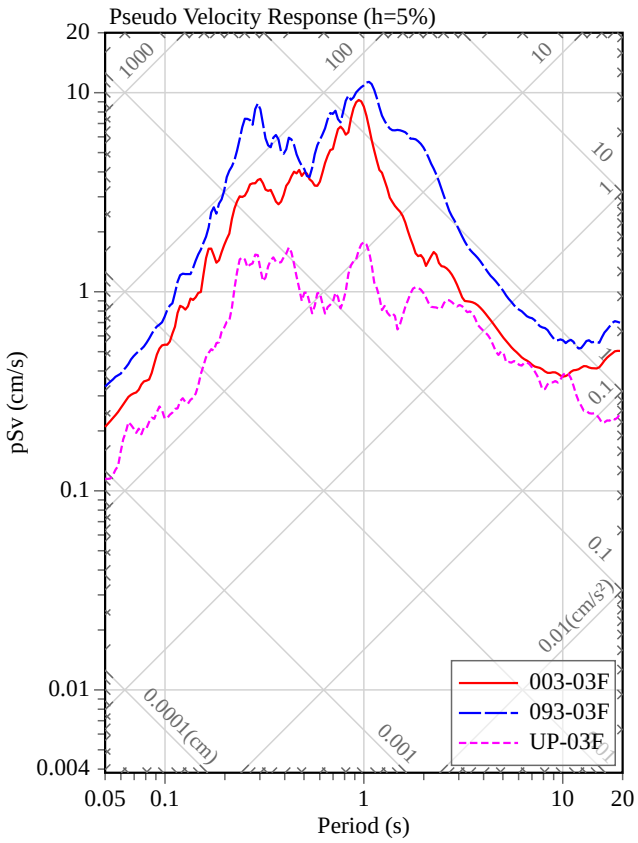
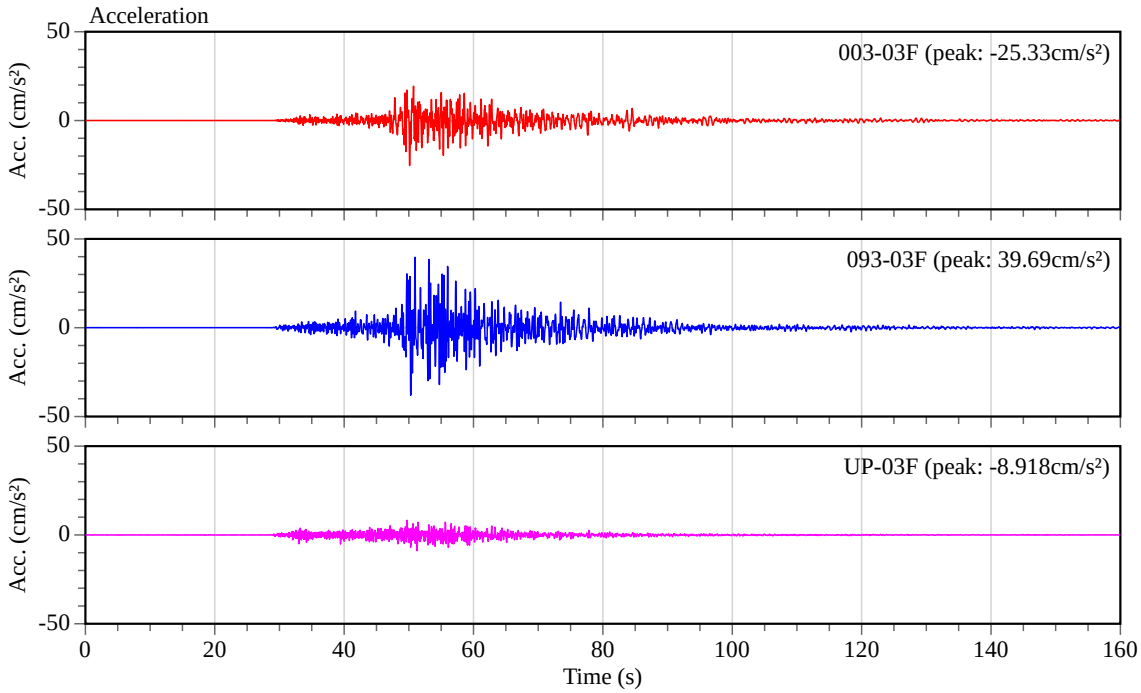
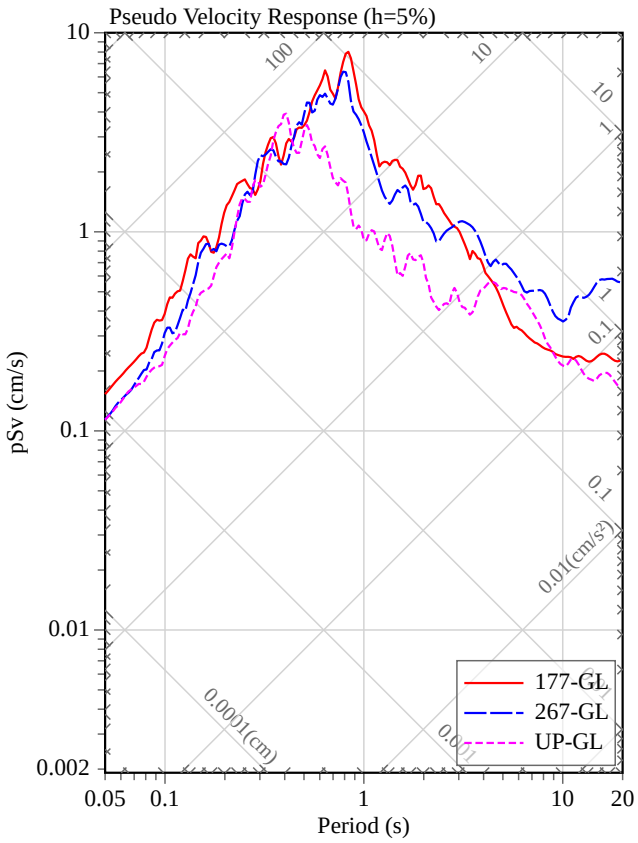
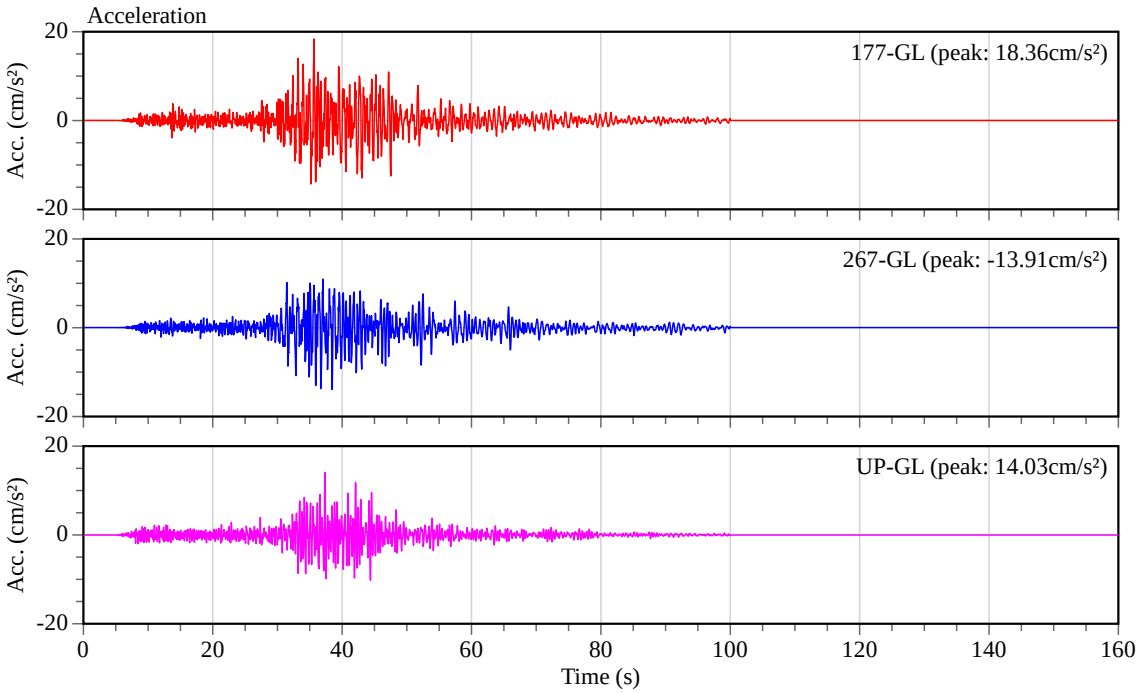




2014/03/14 02:07:17 at : MYZ, Intensity: 3.0





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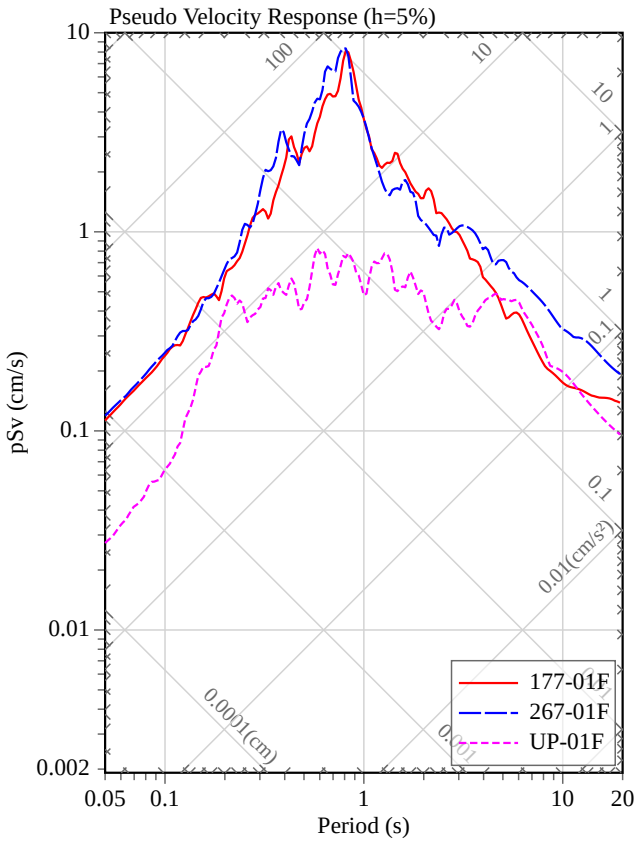

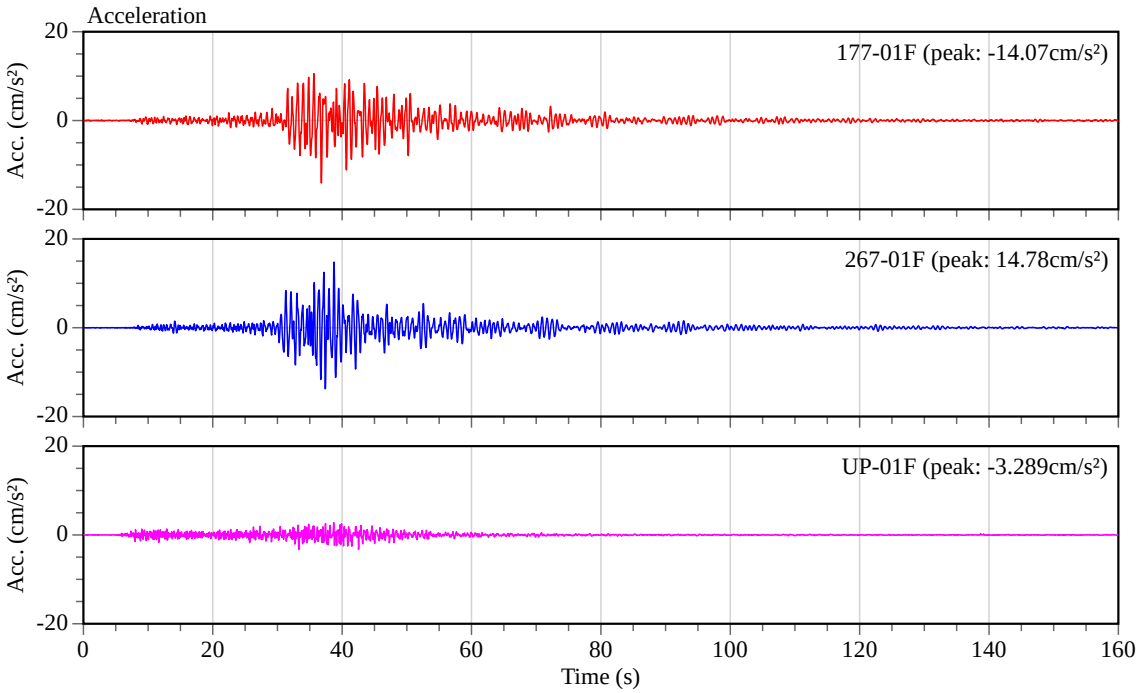

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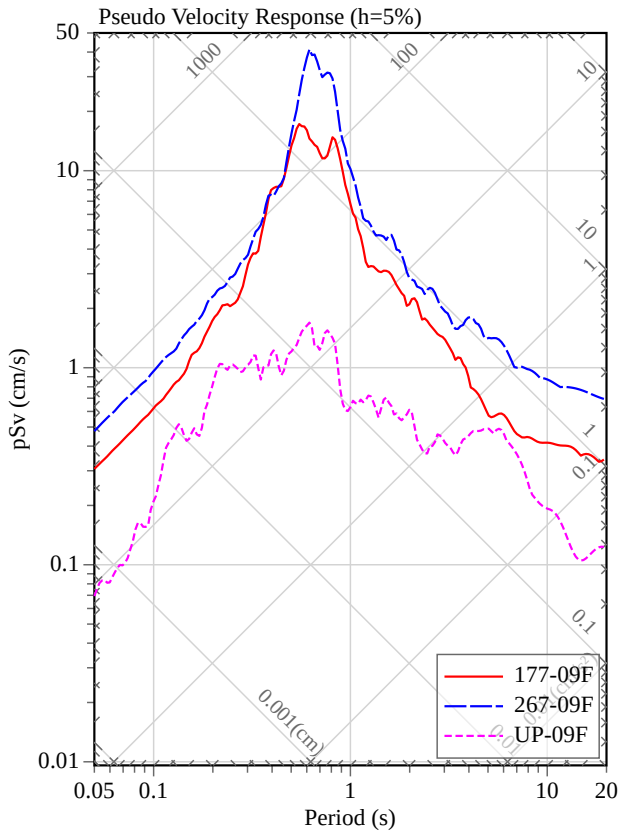

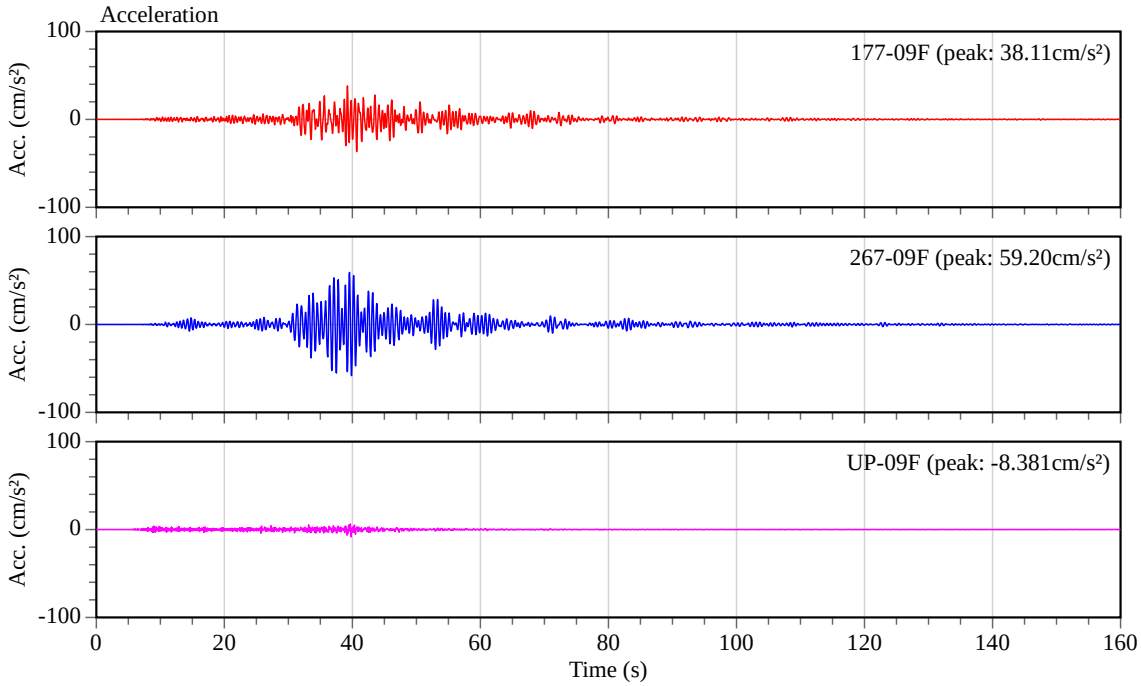

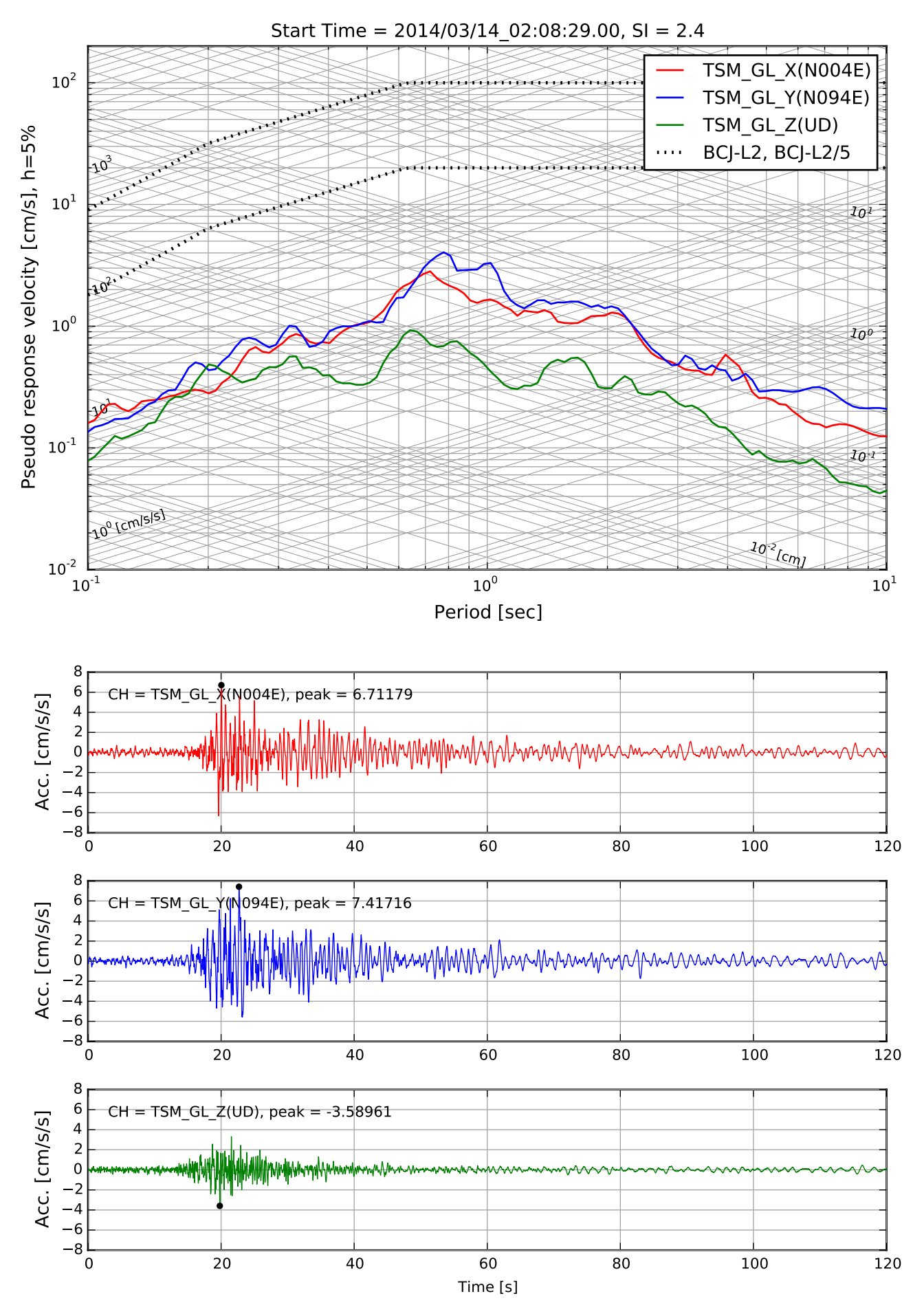
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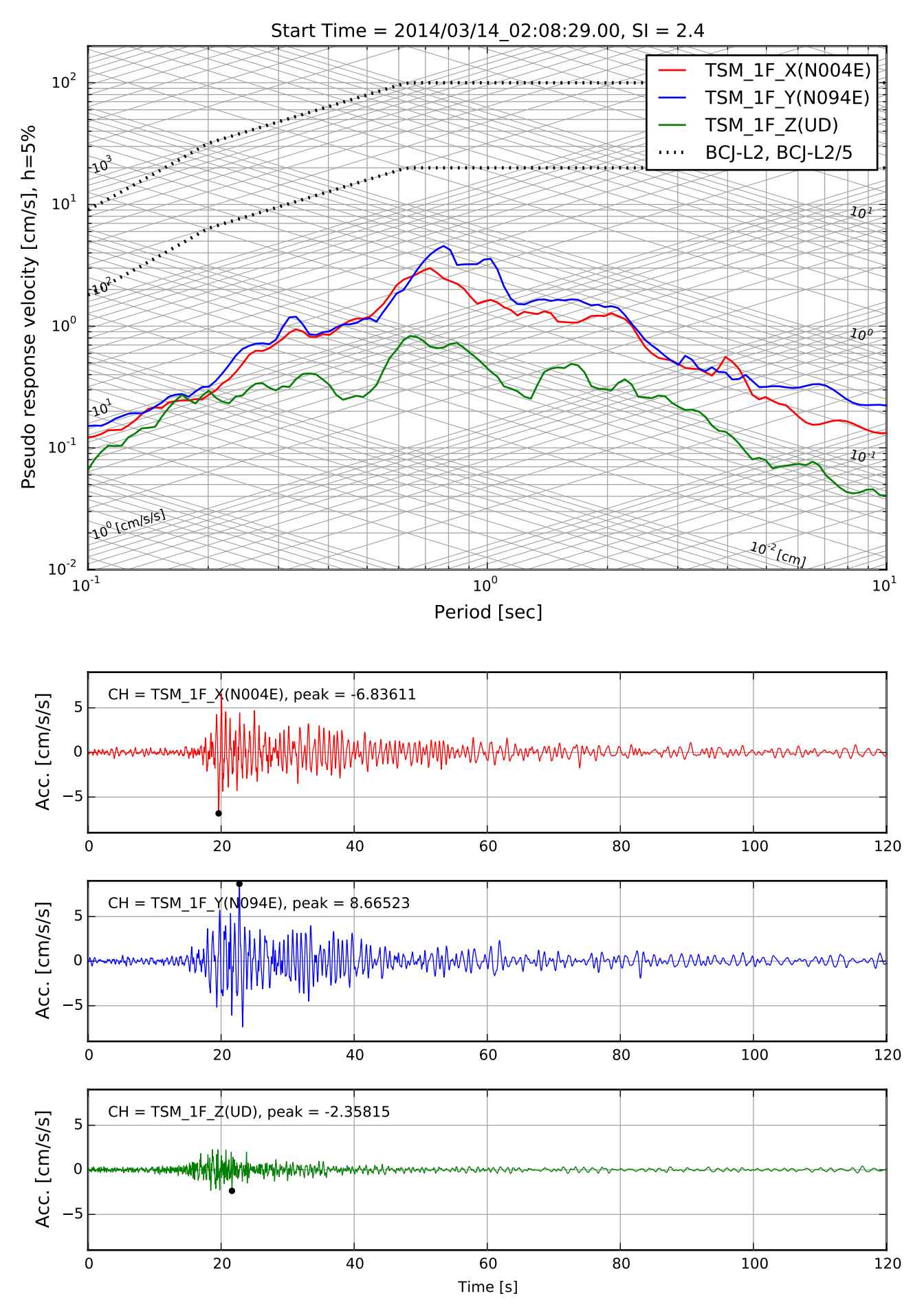
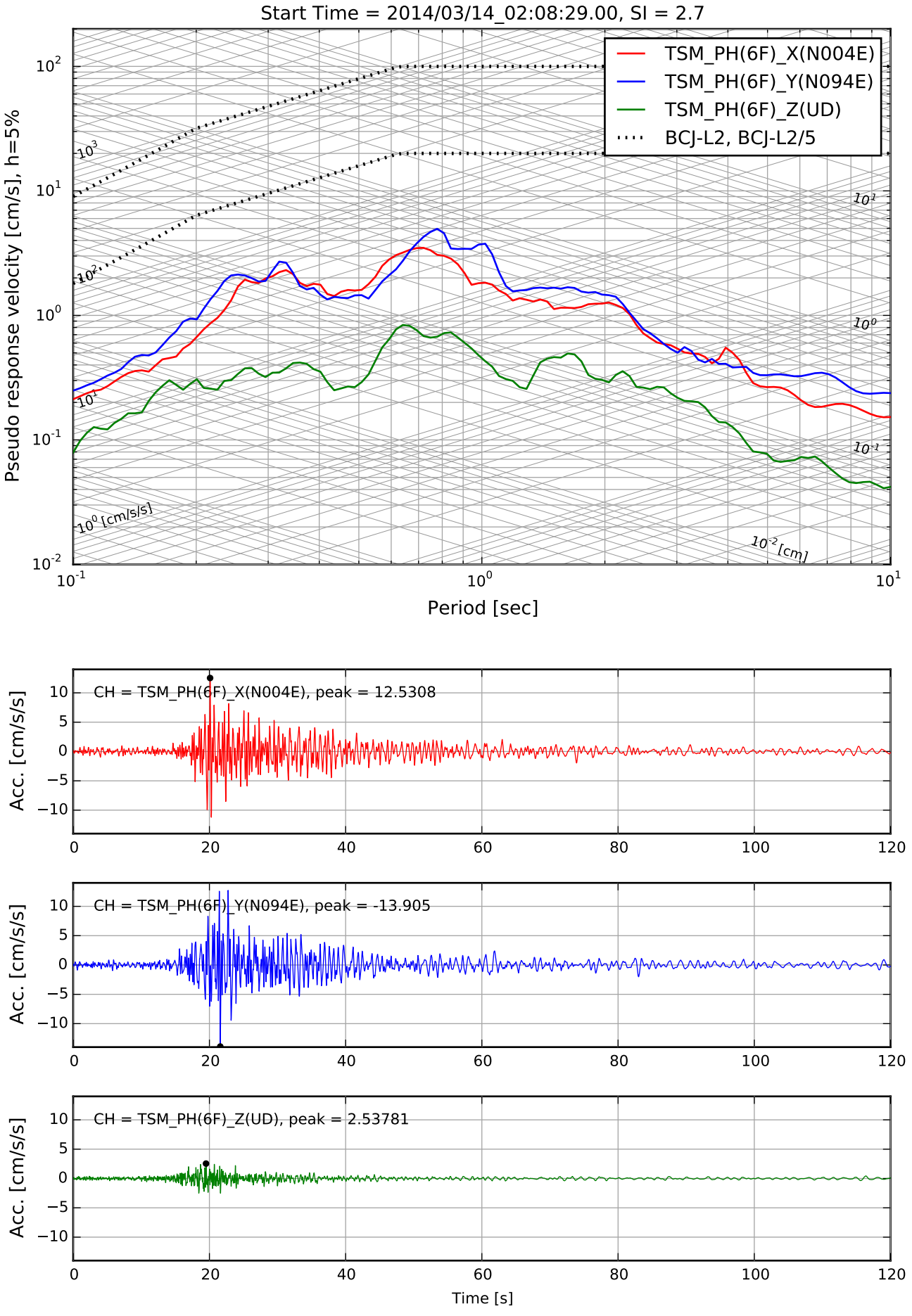
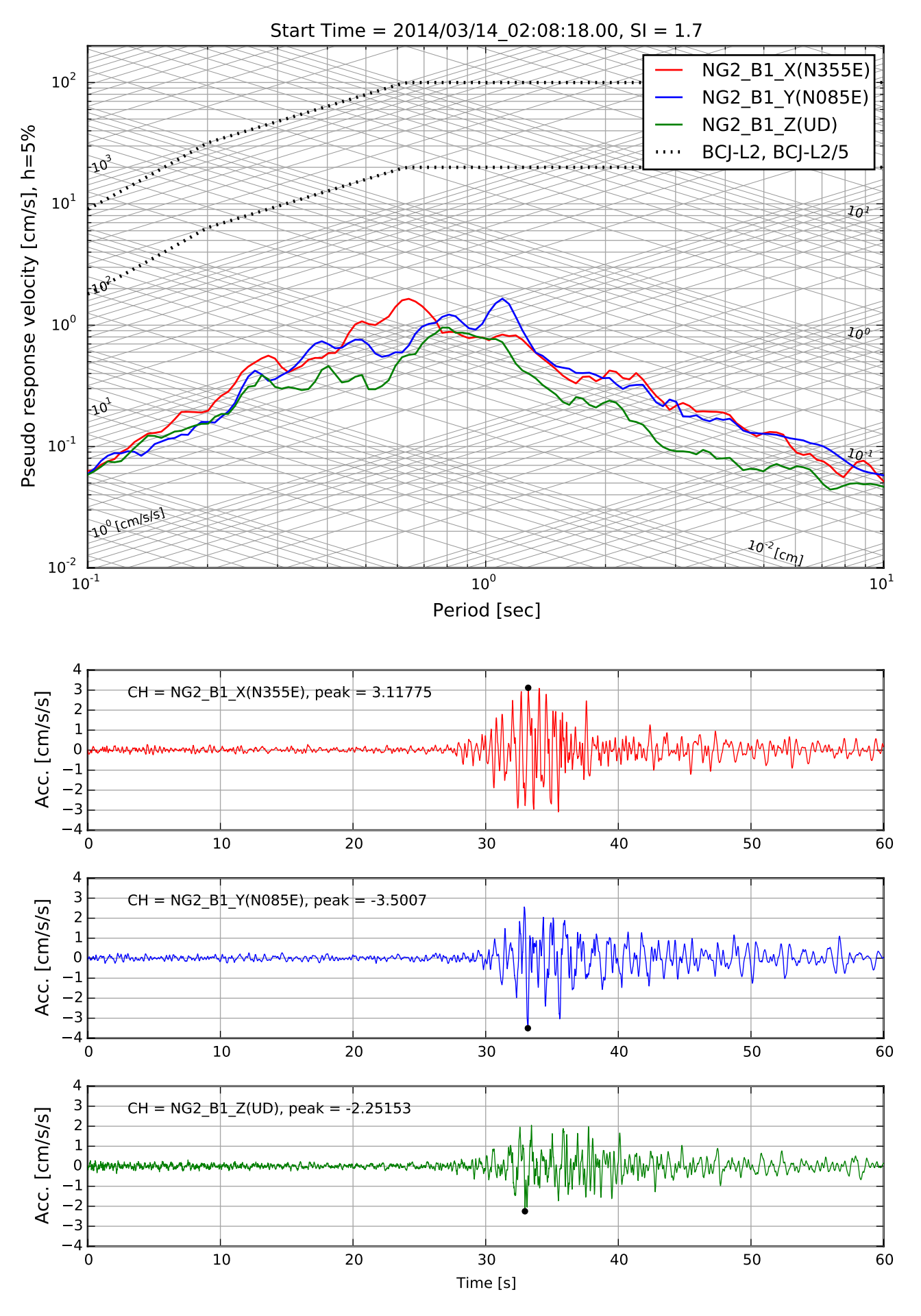
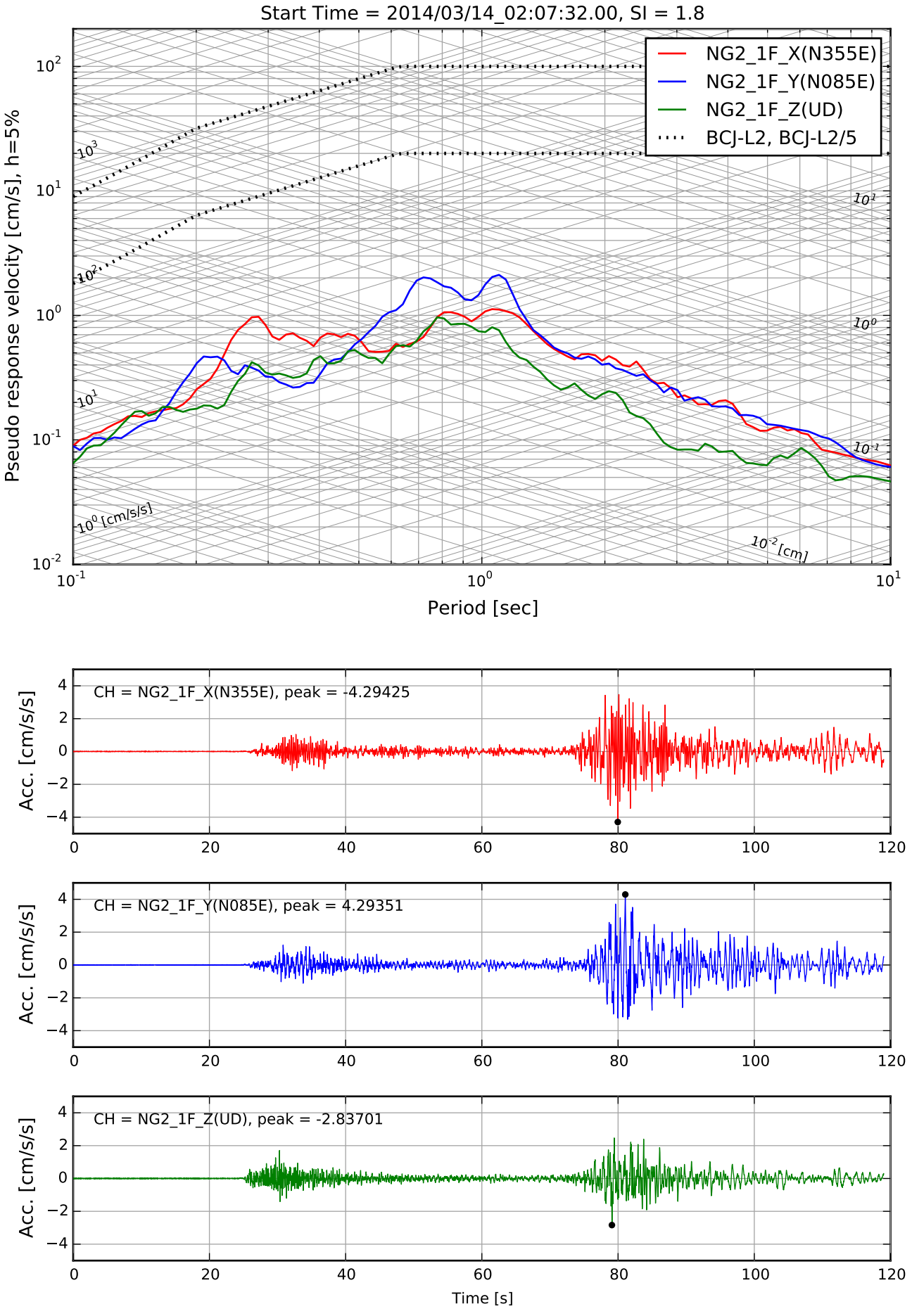
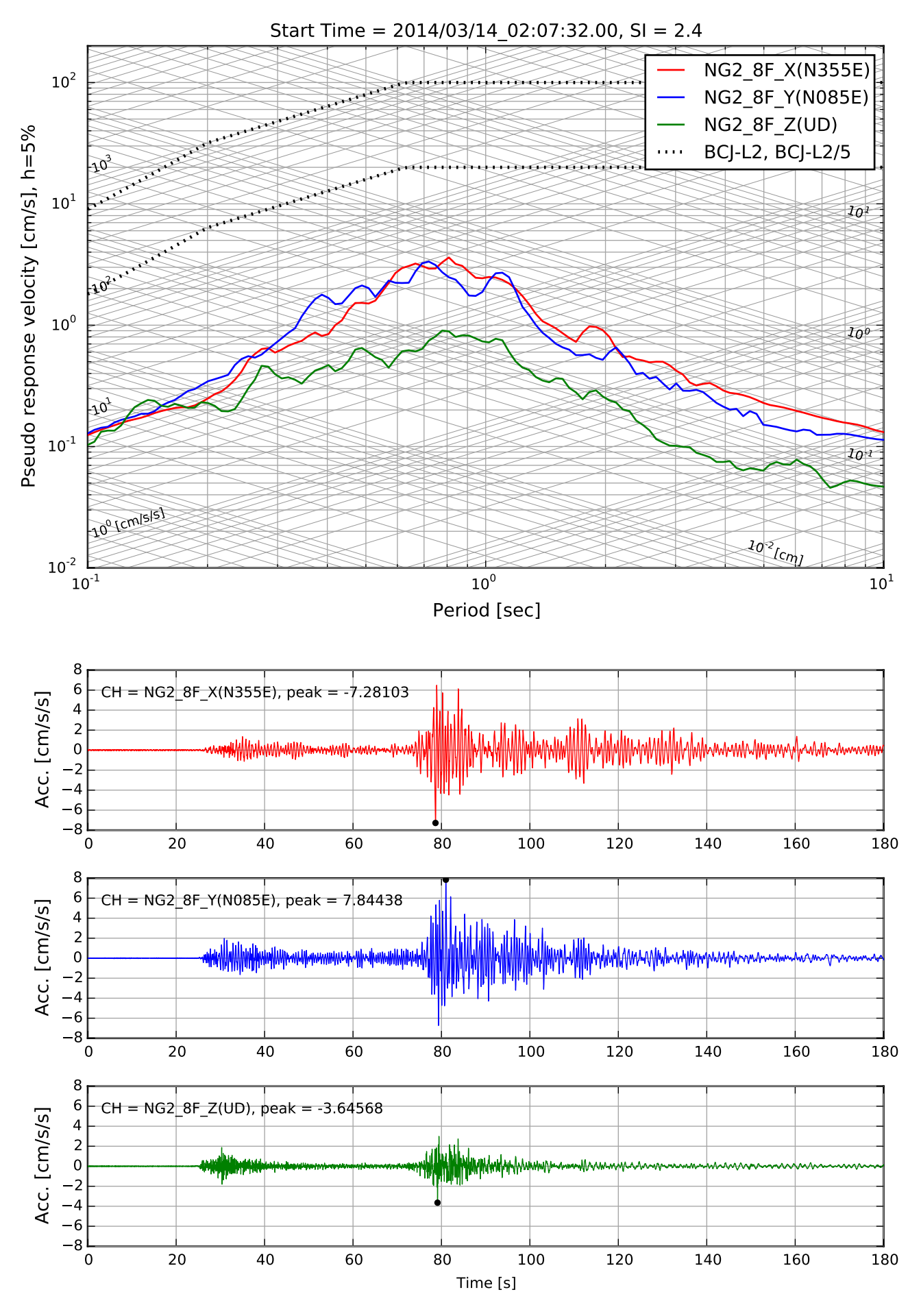
TSM_GL_X(N004E)
TSM_GL_Y(N094E)
TSM_GL_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{0}
10^{1}
10^{-2} [cm]
CH = TSM_GL_X(N004E), peak = 6.71179
CH = TSM_GL_Y(N094E), peak = 7.41716
CH = TSM_GL_Z(UD), peak = -3.58961
Acc. [cm/s/s]
Time [s]


Start Time = 2014/03/14_02:08:29.00, SI = 2.4
TSM_1F_X(N004E)
TSM_1F_Y(N094E)
TSM_1F_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^3
10^2
10^1
10^0 [cm/s/s]
10^1
10^0
10^-1
10^-2 [cm]
CH = TSM_1F_X(N004E), peak = -6.83611
CH = TSM_1F_Y(N094E), peak = 8.66523
CH = TSM_1F_Z(UD), peak = -2.35815
Acc. [cm/s/s]
Time [s]


Start Time = 2014/03/14_02:08:29.00, SI = 2.7
TSM_PH(6F)_X(N004E)
TSM_PH(6F)_Y(N094E)
TSM_PH(6F)_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{-2} [cm]
CH = TSM_PH(6F)_X(N004E), peak = 12.5308
CH = TSM_PH(6F)_Y(N094E), peak = -13.905
CH = TSM_PH(6F)_Z(UD), peak = 2.53781
Acc. [cm/s/s]
Time [s]


Start Time = 2014/03/14_02:08:18.00, SI = 1.7
NG2_B1_X(N355E)
NG2_B1_Y(N085E)
NG2_B1_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{-2} [cm]
CH = NG2_B1_X(N355E), peak = 3.11775
CH = NG2_B1_Y(N085E), peak = -3.5007
CH = NG2_B1_Z(UD), peak = -2.25153
Acc. [cm/s/s]
Time [s]


Start Time = 2014/03/14_02:07:32.00, SI = 1.8
NG2_1F_X(N355E)
NG2_1F_Y(N085E)
NG2_1F_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{-2} [cm]
CH = NG2_1F_X(N355E), peak = -4.29425
CH = NG2_1F_Y(N085E), peak = 4.29351
CH = NG2_1F_Z(UD), peak = -2.83701
Acc. [cm/s/s]
Time [s]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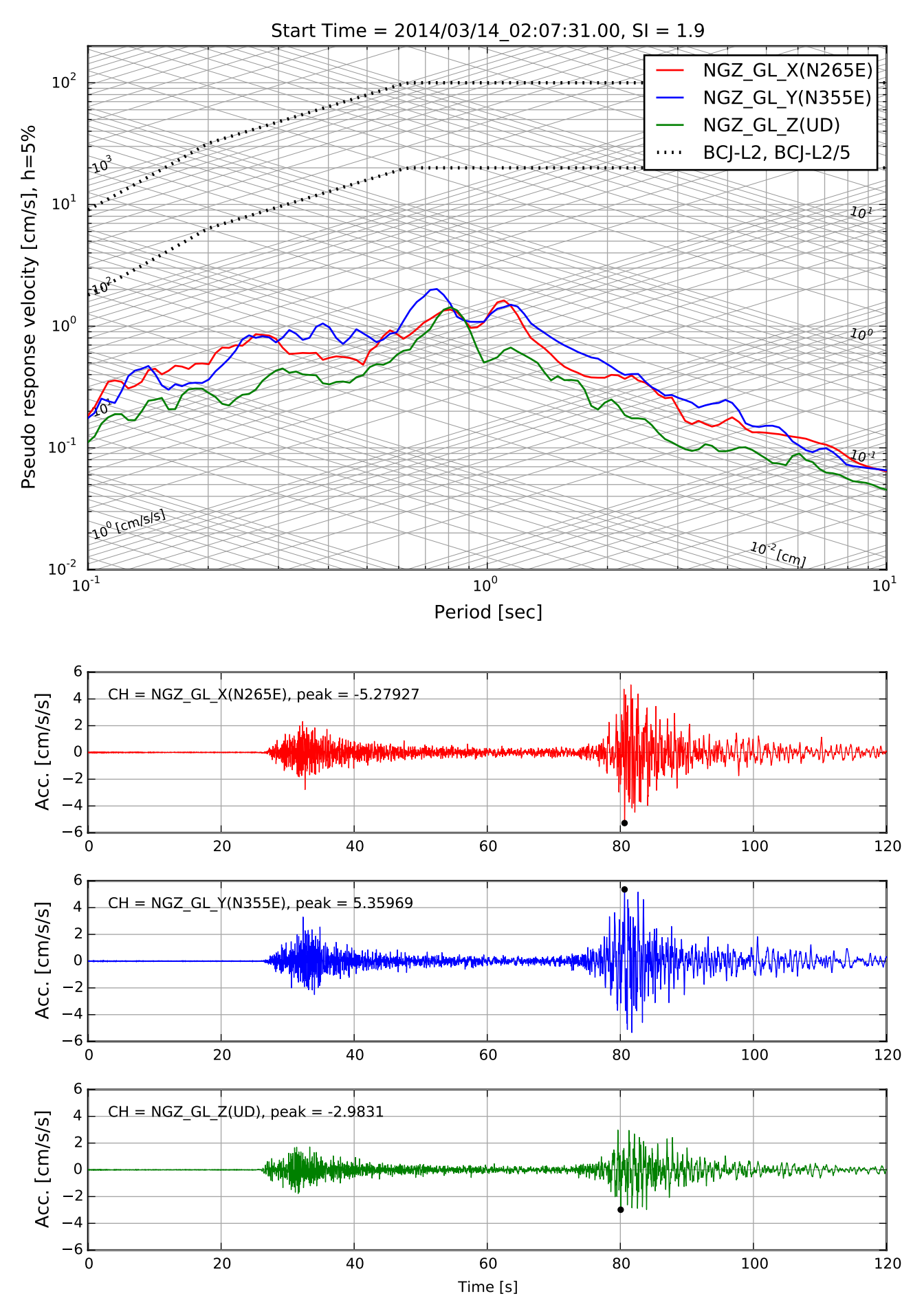
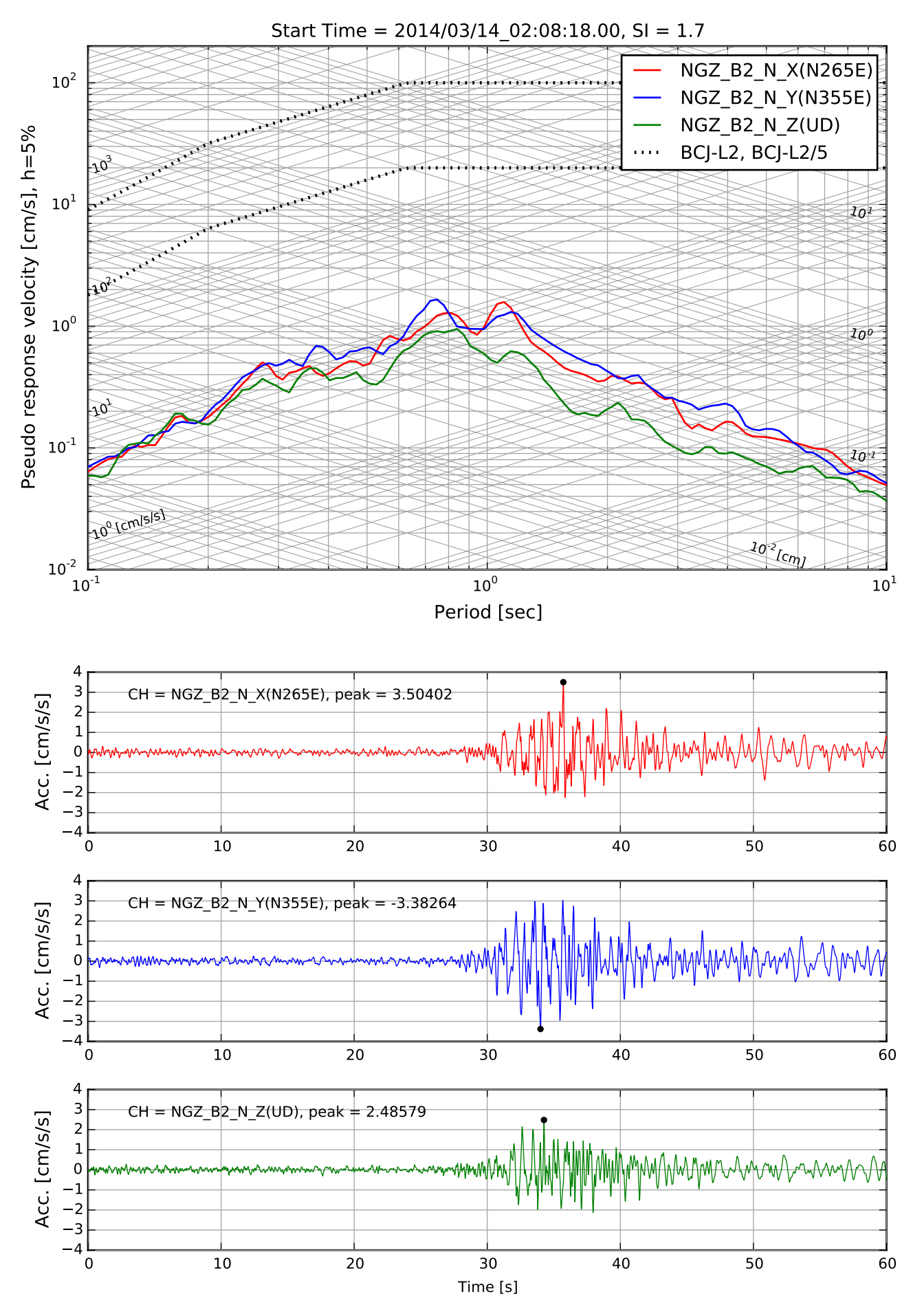
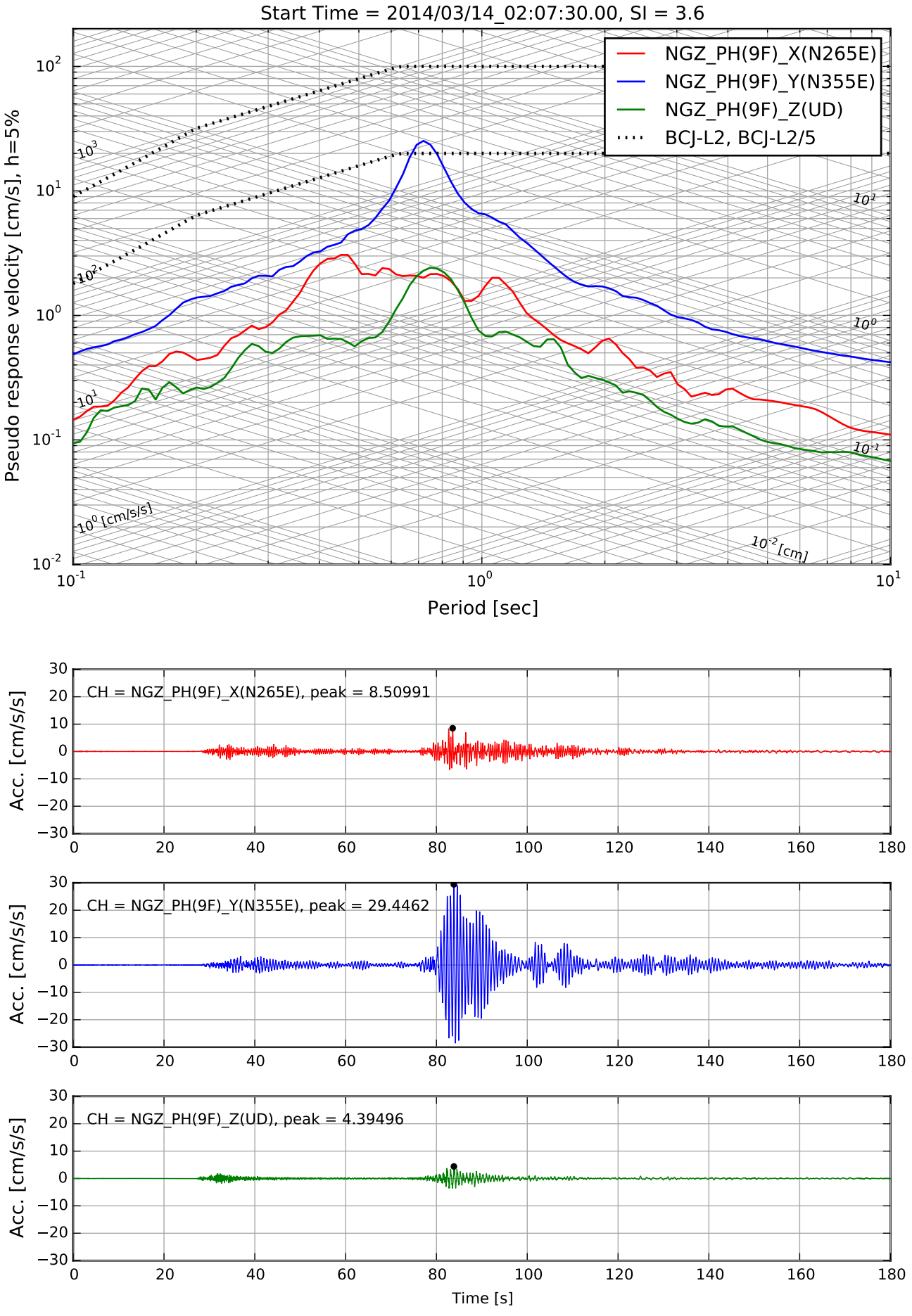
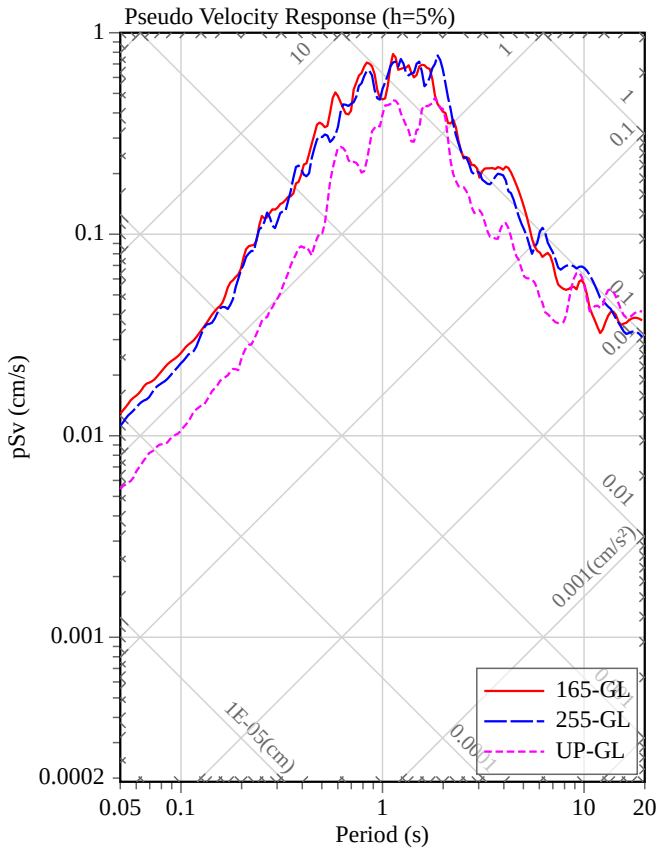
NG2_8F_X(N355E)
NG2_8F_Y(N085E)
NG2_8F_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{0}
10^{1}
10^{-2} [cm]
CH = NG2_8F_X(N355E), peak = -7.28103
CH = NG2_8F_Y(N085E), peak = 7.84438
CH = NG2_8F_Z(UD), peak = -3.64568
Acc. [cm/s/s]
Time [s]

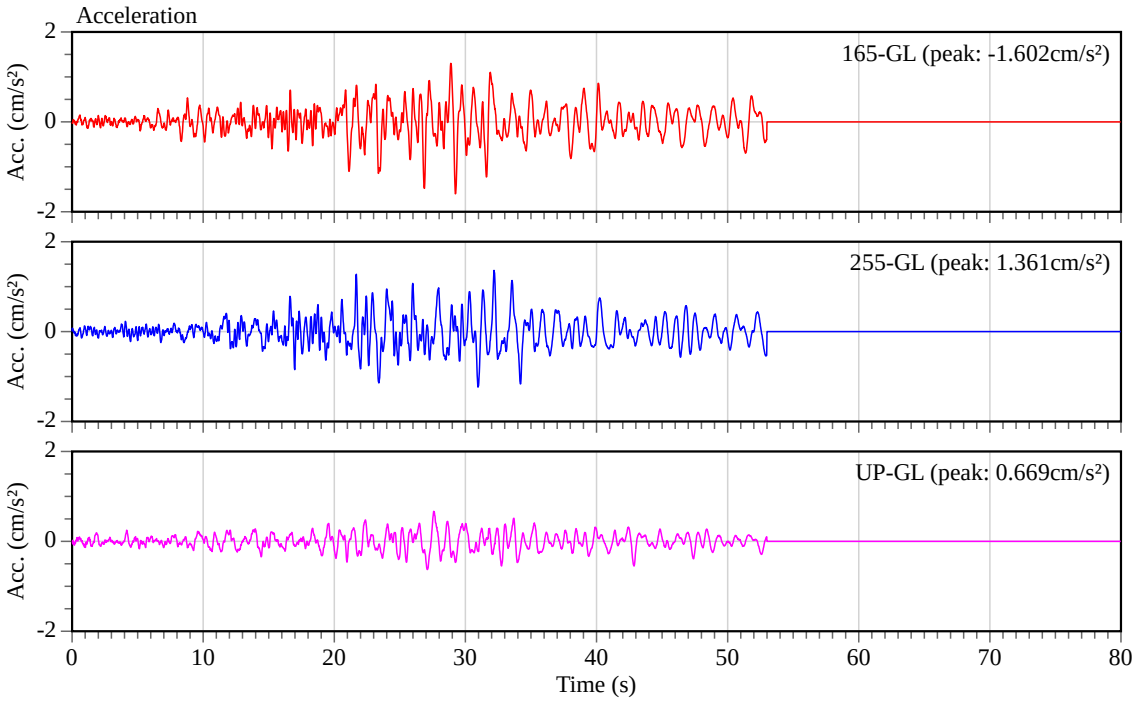

Start Time = 2014/03/14_02:07:31.00, SI = 1.9
NGZ_GL_X(N265E)
NGZ_GL_Y(N355E)
NGZ_GL_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^3
10^2
10^1
10^0
10^{-1}
10^0 [cm/s/s]
10^{-2} [cm]
CH = NGZ_GL_X(N265E), peak = -5.27927
CH = NGZ_GL_Y(N355E), peak = 5.35969
CH = NGZ_GL_Z(UD), peak = -2.9831
Acc. [cm/s/s]
Time [s]


Start Time = 2014/03/14_02:08:18.00, SI = 1.7
NGZ_B2_N_X(N265E)
NGZ_B2_N_Y(N355E)
NGZ_B2_N_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{0}
10^{1}
10^{-2} [cm]
CH = NGZ_B2_N_X(N265E), peak = 3.50402
CH = NGZ_B2_N_Y(N355E), peak = -3.38264
CH = NGZ_B2_N_Z(UD), peak = 2.48579
Acc. [cm/s/s]
Time [s]

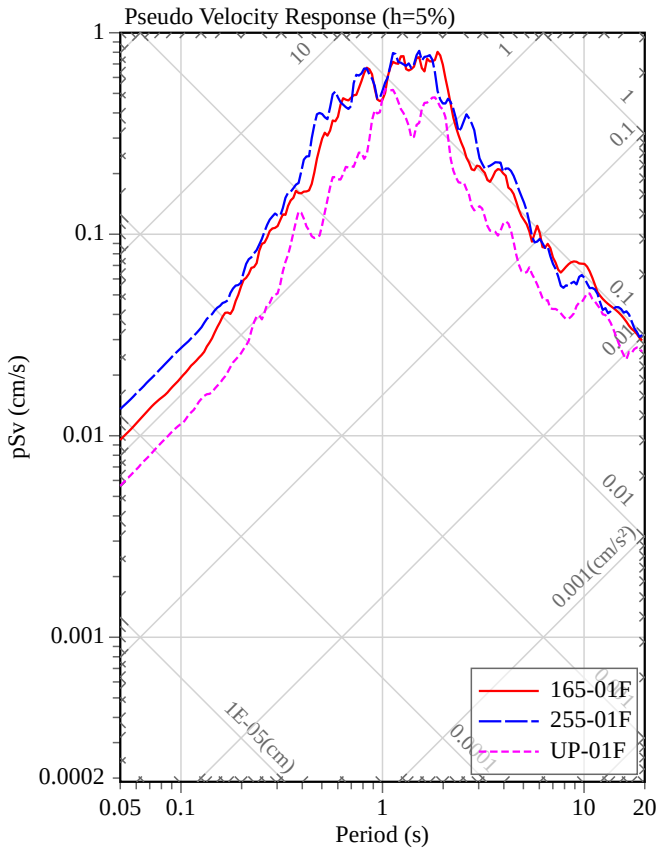

Start Time = 2014/03/14_02:07:30.00, SI = 3.6
NGZ_PH(9F)_X(N265E)
NGZ_PH(9F)_Y(N355E)
NGZ_PH(9F)_Z(UD)
BCJ-L2, BCJ-L2/5
Pseudo response velocity [cm/s], h=5%
Period [sec]
10^{3}
10^{2}
10^{1}
10^{0} [cm/s/s]
10^{-1}
10^{0}
10^{1}
10^{-2} [cm]
CH = NGZ_PH(9F)_X(N265E), peak = 8.50991
CH = NGZ_PH(9F)_Y(N355E), peak = 29.4462
CH = NGZ_PH(9F)_Z(UD), peak = 4.39496
Acc. [cm/s/s]
Time [s]

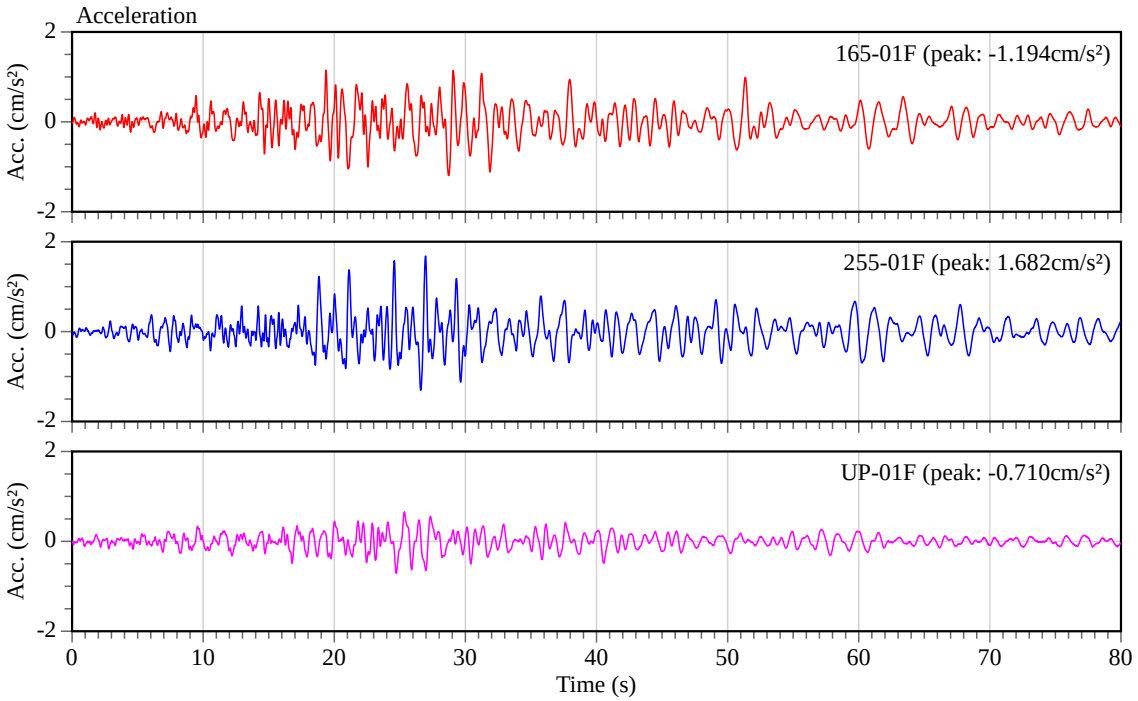
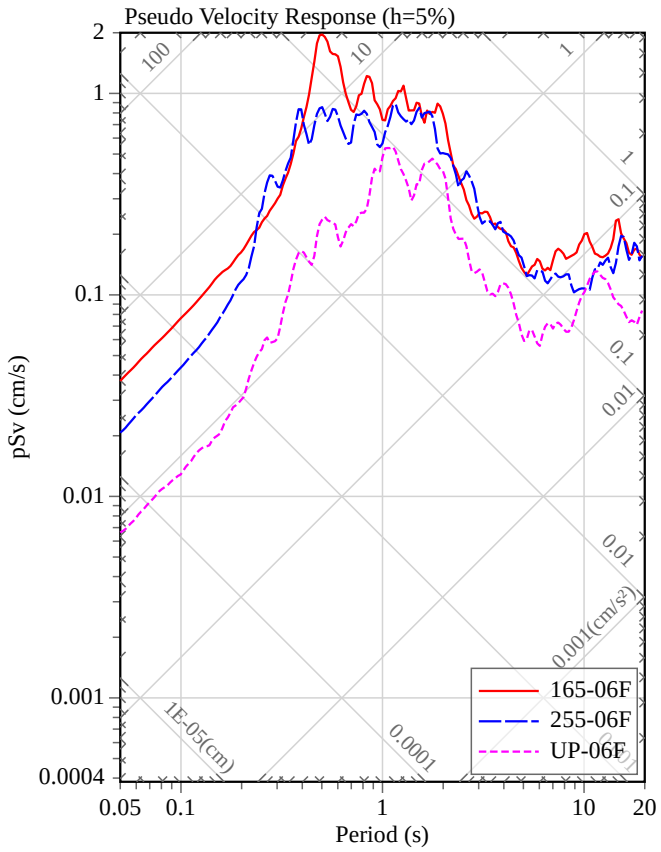
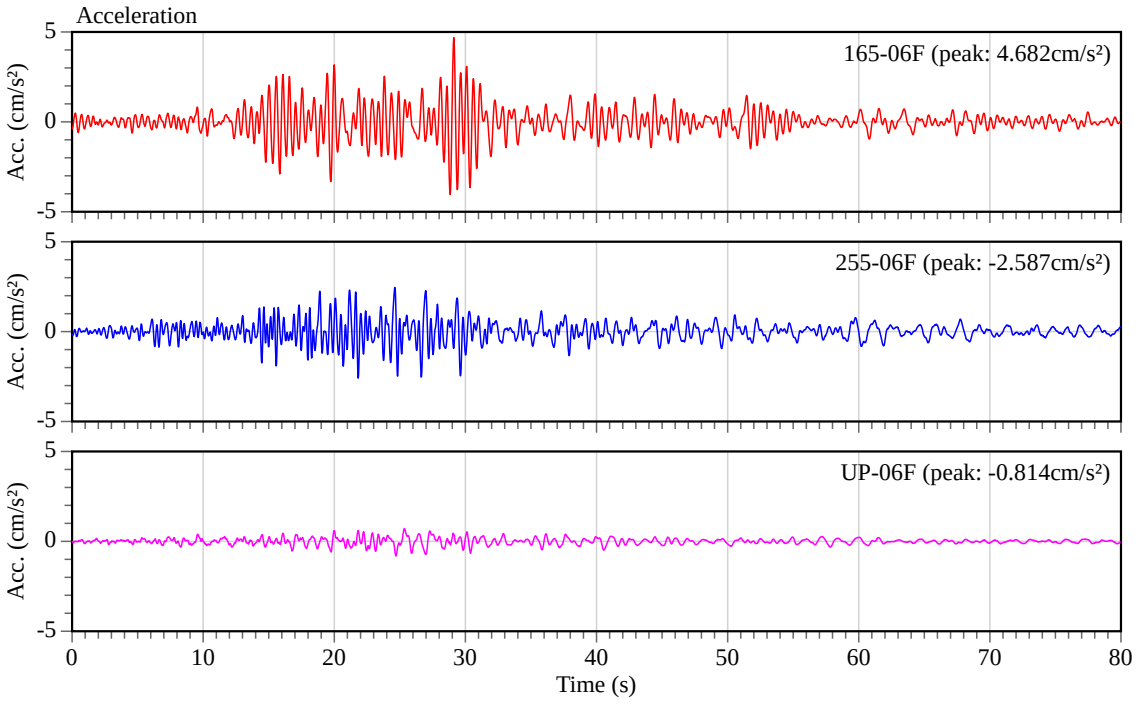
2014/03/14 02:09:09 at : SMZ, Intensity: 1.1





2014/03/14 02:09:09 at : SMZ, Intensity: 1.2





2014/03/14 02:09:09 at : SMZ, Intensity: 1.8