

Event Summary

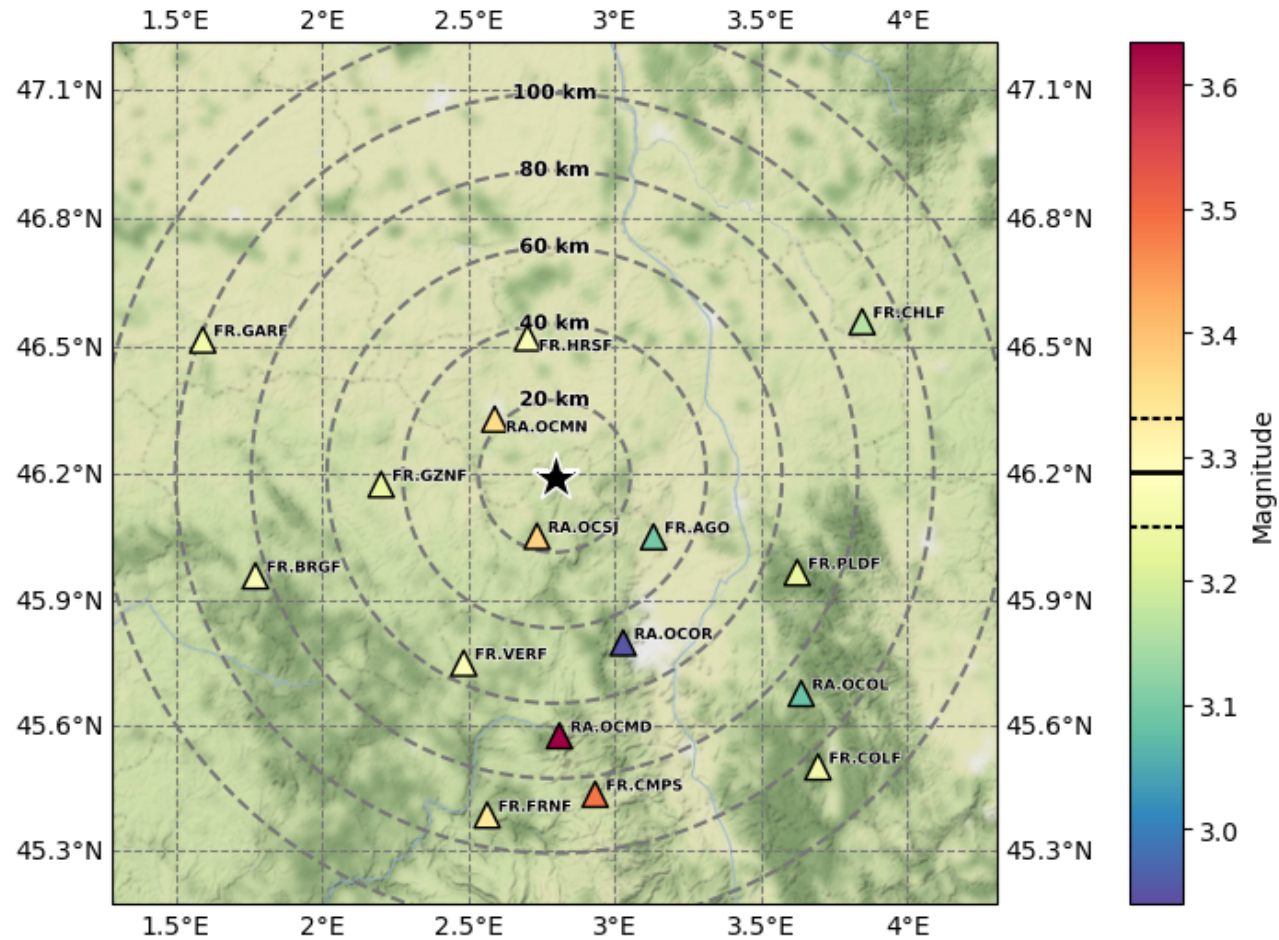
Event ID:	fr2022jbhfgo
Longitude:	2.793 °E
Latitude:	46.193 °N
Depth:	14.1 km
Origin Time:	2022-05-09T11:13:41.301400Z
Moment Magnitude:	3.29 ± 0.04
Corner Frequency:	71.370 [- 27.577, + 44.942] Hz

Moment Magnitude

Mw 3.29 ± 0.04

evid: fr2022jbhfgo

lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



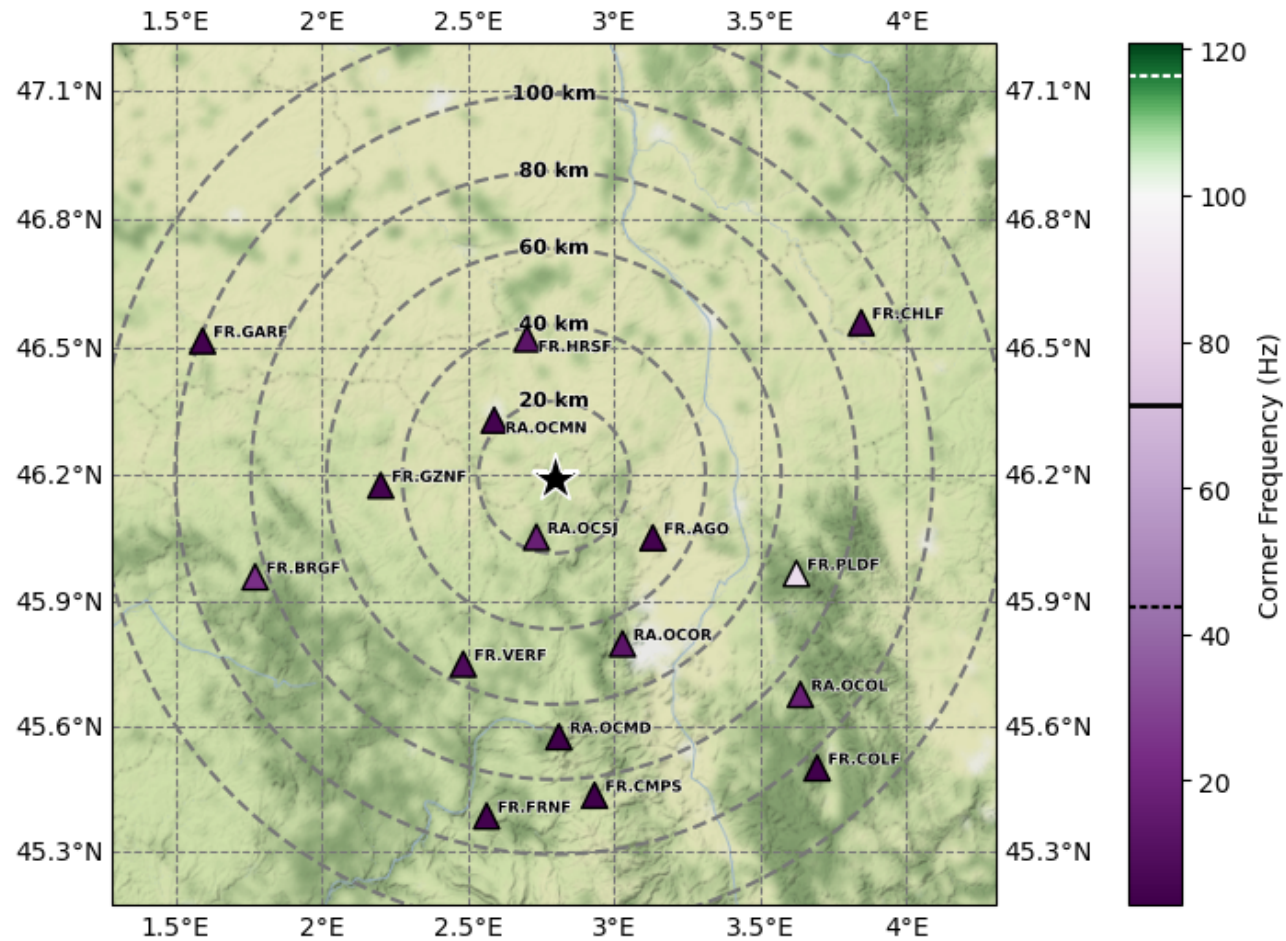
SourceSpec v1.4+148.g103e1a2 - 2022-05-09 16:39:43 CEST

Corner Frequency

fc 71.370 [- 27.577, + 44.942] Hz

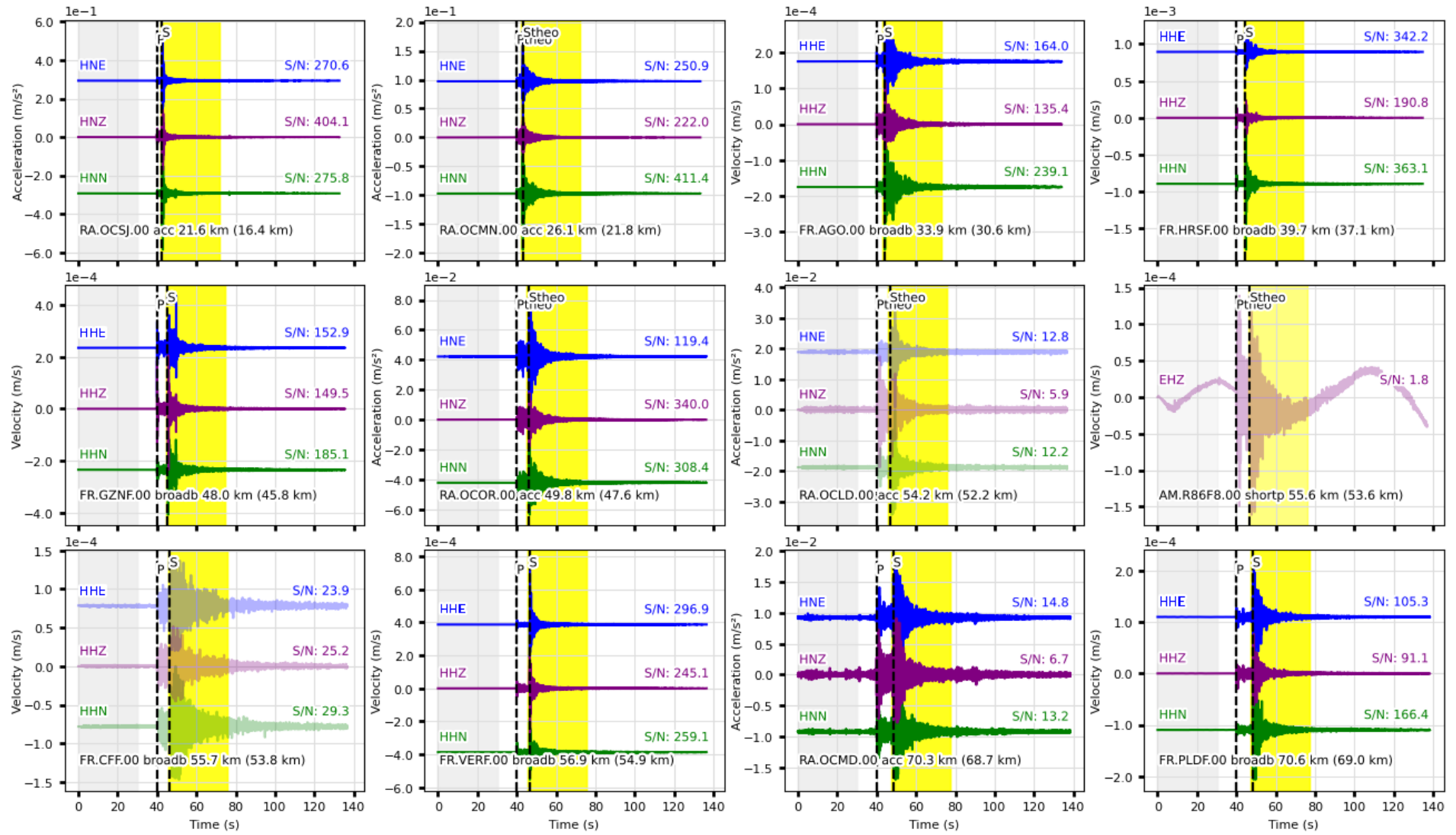
evid: fr2022jbhfgo

lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



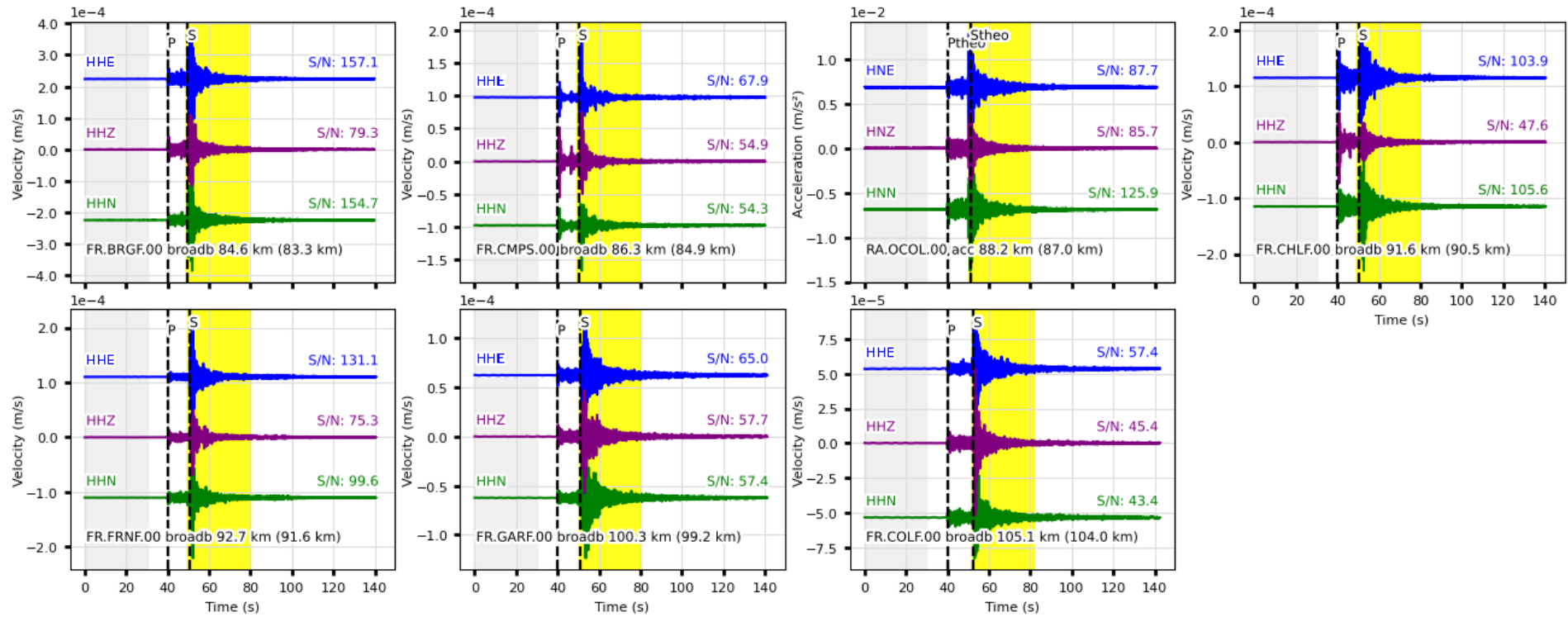
Traces

evid: fr2022jbhfgo lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



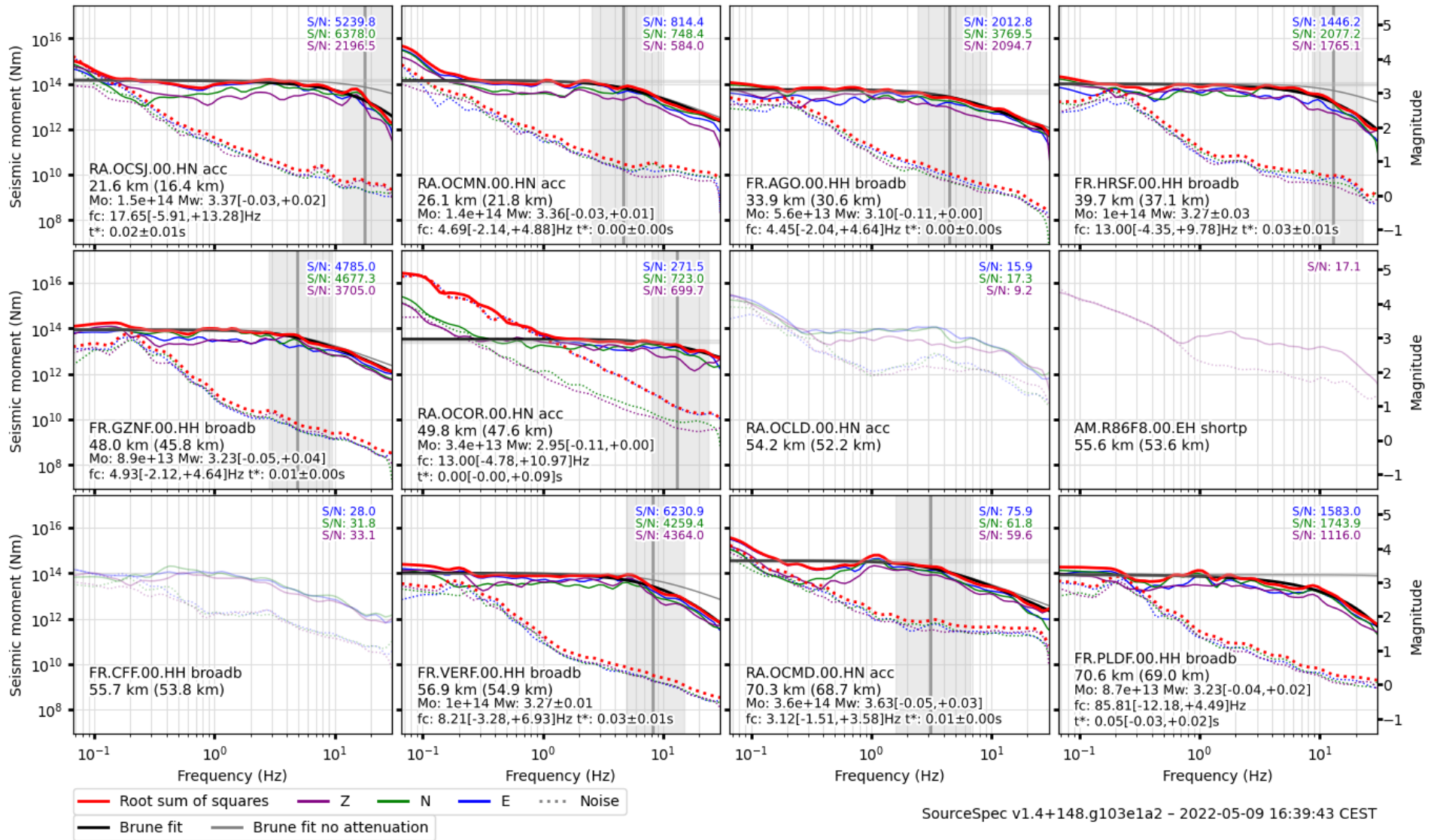
Traces

evid: fr2022jbhfgo lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



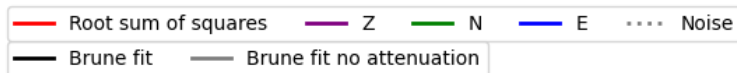
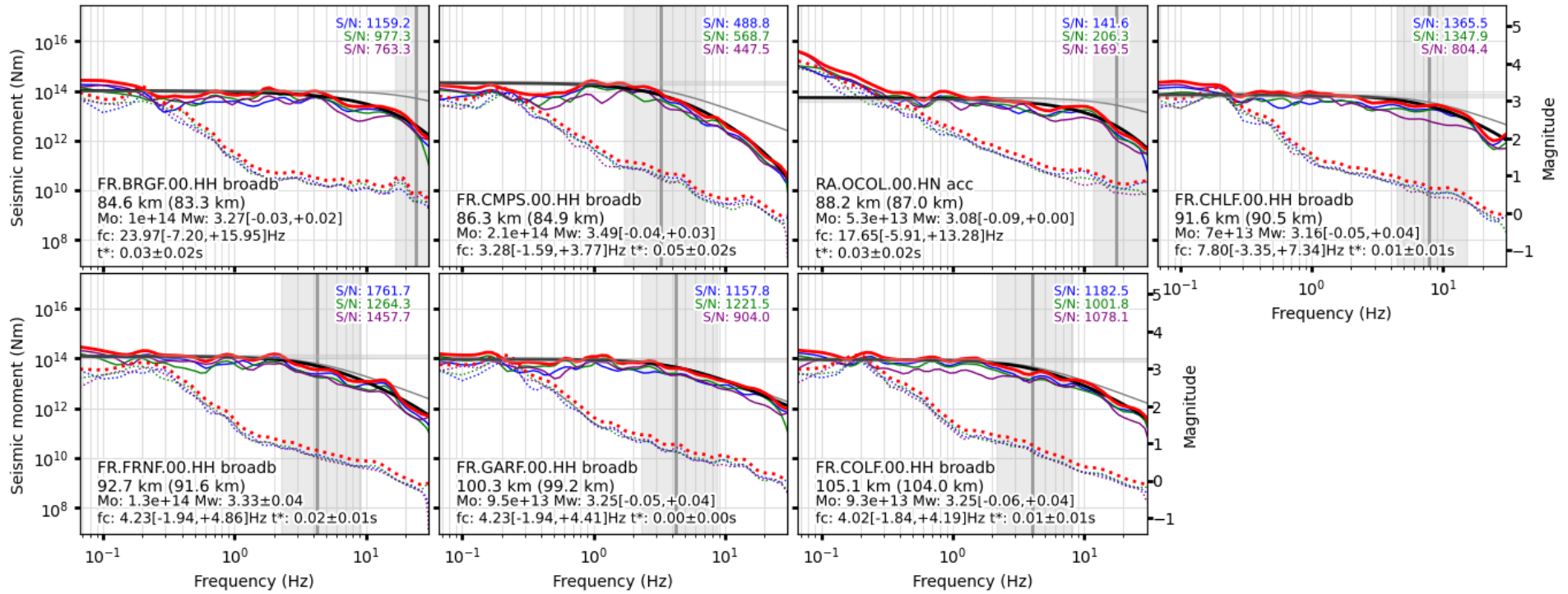
Spectra

evid: fr2022jhbfgo lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



Spectra

evid: fr2022jhbhfgo lon: 2.793 lat: 46.193 depth: 14.1 km time: 2022-05-09T11:13:41.301



Average Source Parameters

Mw	3.26 +/- 0.10
Mw (weighted):	3.29 +/- 0.04
Mo:	9.835e+13 /- 2.948e+13 /+ 4.210e+13 N.m
Mo (weighted):	1.074e+14 /- 0.150e+14 /+ 0.174e+14 N.m
fc:	7.119 /- 3.444 /+ 6.672 Hz
fc (weighted):	71.370 /- 27.577 /+ 44.942 Hz
t_star:	0.018 +/- 0.014 s
t_star (weighted):	0.004 +/- 0.000 s
Qo:	1494.5 +/- 1067.2
Qo (weighted):	442.1 +/- 160.1
Source Radius:	167.404 /- 80.989 /+ 156.894 m
Source Radius (weighted):	16.697 /- 6.452 /+ 10.514 m
Brune Stress Drop:	9.380e+00 /- 7.845e+00 /+ 47.939e+00 MPa
Brune Stress Drop (weighted):	7.974e+02 /- 7.748e+02 /+ 273.723e+02 MPa

Radiated Energy:

9.495e+09 /- 8.014e+09 /+ 51.368e+09 N.m

Station Source Parameters

Station	Type	Mw	Corner Frequency (Hz)	t_star (s)	Qo	Seismic Moment (N.m)	Brune stress drop (MPa)	Source radius (m)	Hypocentral Distance (km)	Azimuth (°)	Radiated Energy (N.m)
FR.AGO.00.HHH	broadb	3.097	4.452	0.004	2631.2	5.562e+13	1.269e+00	267.663	33.905	121.177	6.558e+08
		-0.105	-2.038	-0.003	-657.8	-1.695e+13	-1.128e+00	-136.617			
		+0.000	+4.641	+0.001	+5262.4	+0.000e+00	+9.544e+00	+226.014			
FR.BRGF.00.HHH	broadb	3.270	23.970	0.034	787.8	1.013e+14	3.607e+02	49.715	84.591	252.014	3.827e+11
		-0.032	-7.198	-0.017	-255.5	-1.047e+13	-2.499e+02	-19.865			
		+0.021	+15.952	+0.016	+853.4	+7.640e+12	+1.431e+03	+21.336			
FR.CHLF.00.HHH	broadb	3.164	7.803	0.015	1939.6	7.013e+13	8.615e+00	152.717	91.641	62.963	6.240e+09
		-0.053	-3.351	-0.009	-684.5	-1.166e+13	-7.281e+00	-74.035			
		+0.042	+7.342	+0.008	+3394.2	+1.098e+13	+6.424e+01	+114.946			
FR.CMPS.00.HHH	broadb	3.486	3.278	0.046	590.7	2.133e+14	1.943e+00	363.509	86.271	172.656	3.956e+09
		-0.042	-1.589	-0.023	-196.9	-2.888e+13	-1.713e+00	-194.388			
		+0.032	+3.768	+0.023	+590.7	+2.459e+13	+1.958e+01	+342.036			
FR.COLF.00.HHH	broadb	3.247	4.020	0.015	2223.5	9.335e+13	1.568e+00	296.413	105.056	137.412	1.376e+09
		-0.063	-1.841	-0.009	-694.8	-1.829e+13	-1.367e+00	-151.291			
		+0.042	+4.191	+0.007	+3891.1	+1.461e+13	+1.389e+01	+250.291			
FR.FRNF.00.HHH	broadb	3.333	4.231	0.016	1798.8	1.260e+14	2.466e+00	281.671	92.717	191.361	3.756e+09
		-0.042	-1.937	-0.009	-599.6	-1.705e+13	-2.126e+00	-150.625			
		+0.042	+4.863	+0.008	+2518.3	+1.972e+13	+2.586e+01	+237.843			
FR.GARF.00.HHH	broadb	3.251	4.231	0.004	7779.9	9.480e+13	1.856e+00	281.671	100.251	291.606	1.592e+09
		-0.053	-1.937	-0.003	-1945.0	-1.576e+13	-1.609e+00	-143.767			
		+0.042	+4.411	+0.001	+15559.8	+1.484e+13	+1.643e+01	+237.843			

Station	Type	Mw	Corner Frequency (Hz)	t_star (s)	Qo	Seismic Moment (N.m)	Brune stress drop (MPa)	Source radius (m)	Hypocentral Distance (km)	Azimuth (°)	Radiated Energy (N.m)
FR.GZNF.00.HHH	broadb	3.233	4.930	0.007	2236.0	8.895e+13	2.756e+00	241.701	48.022	267.574	2.152e+09
		-0.053	-2.117	-0.004	-638.9	-1.478e+13	-2.329e+00	-117.173			
		+0.042	+4.639	+0.003	+3354.1	+1.392e+13	+2.055e+01	+181.921			
FR.HRSF.00.HHH	broadb	3.269	12.996	0.030	420.4	1.008e+14	5.720e+01	91.694	39.724	348.983	5.371e+10
		±0.032	-4.355	-0.015	-131.4	-1.042e+13	-4.213e+01	-39.377			
			+9.782	+0.013	+420.4	+1.162e+13	+2.863e+02	+46.210			
FR.PLDF.00.HHH	broadb	3.227	85.810	0.054	410.9	8.706e+13	1.422e+04	13.887	70.595	111.260	1.006e+13
		-0.042	-12.177	-0.026	-127.5	-1.178e+13	-6.451e+03	-0.691			
		+0.021	+4.491	+0.024	+371.8	+6.566e+12	+3.602e+03	+2.297			
FR.VERF.00.HHH	broadb	3.270	8.212	0.026	696.6	1.011e+14	1.448e+01	145.122	56.850	206.099	1.449e+10
		±0.011	-3.281	-0.013	-223.9	-3.610e+12	-1.145e+01	-66.439			
			+6.934	+0.012	+774.0	+3.744e+12	+7.971e+01	+96.579			
RA.OCMD.00.HNH	acc	3.635	3.115	0.005	4091.4	3.562e+14	2.784e+00	382.534	70.295	178.917	8.805e+09
		-0.053	-1.510	-0.004	-1363.8	-5.921e+13	-2.467e+00	-204.562			
		+0.032	+3.581	+0.003	+12274.2	+4.105e+13	+2.805e+01	+359.937			
RA.OCMN.00.HNH	acc	3.360	4.685	0.004	2026.0	1.382e+14	3.674e+00	254.351	26.107	313.795	4.807e+09
		-0.032	-2.145	-0.003	-506.5	-1.428e+13	-3.149e+00	-129.822			
		+0.011	+4.884	+0.001	+4052.1	+5.116e+12	+2.879e+01	+214.774			
RA.OCOL.00.HNH	acc	3.084	17.650	0.035	789.8	5.319e+13	7.561e+01	67.517	88.203	130.982	4.155e+10
		-0.095	-5.914	-0.019	-263.3	-1.484e+13	-5.958e+01	-28.995			
		+0.000	+13.285	+0.017	+921.4	+0.000e+00	+3.314e+02	+34.026			
RA.OCOR.00.HNH	acc	2.951	12.996	0.000	inf	3.362e+13	1.908e+01	91.694	49.820	157.444	7.495e+09
		-0.105	-4.785	-0.000	-inf	-1.025e+13	-1.573e+01	-41.979			
		+0.000	+10.974	+0.086	+ -inf	+0.000e+00	+1.006e+02	+53.428			

Station	Type	Mw	Corner Frequency (Hz)	t_star (s)	Qo	Seismic Moment (N.m)	Brune stress drop (MPa)	Source radius (m)	Hypocentral Distance (km)	Azimuth (°)	Radiated Energy (N.m)
RA.OCSJ.00.HNH	acc	3.375	17.650	0.024	279.8	1.454e+14	2.066e+02	67.517	21.631	196.405	4.088e+11
		-0.032	-5.914	-0.013	-93.3	-1.502e+13	-1.522e+02	-28.995			
		+0.021	+13.285	+0.012	+349.7	+1.096e+13	+9.897e+02	+34.026			