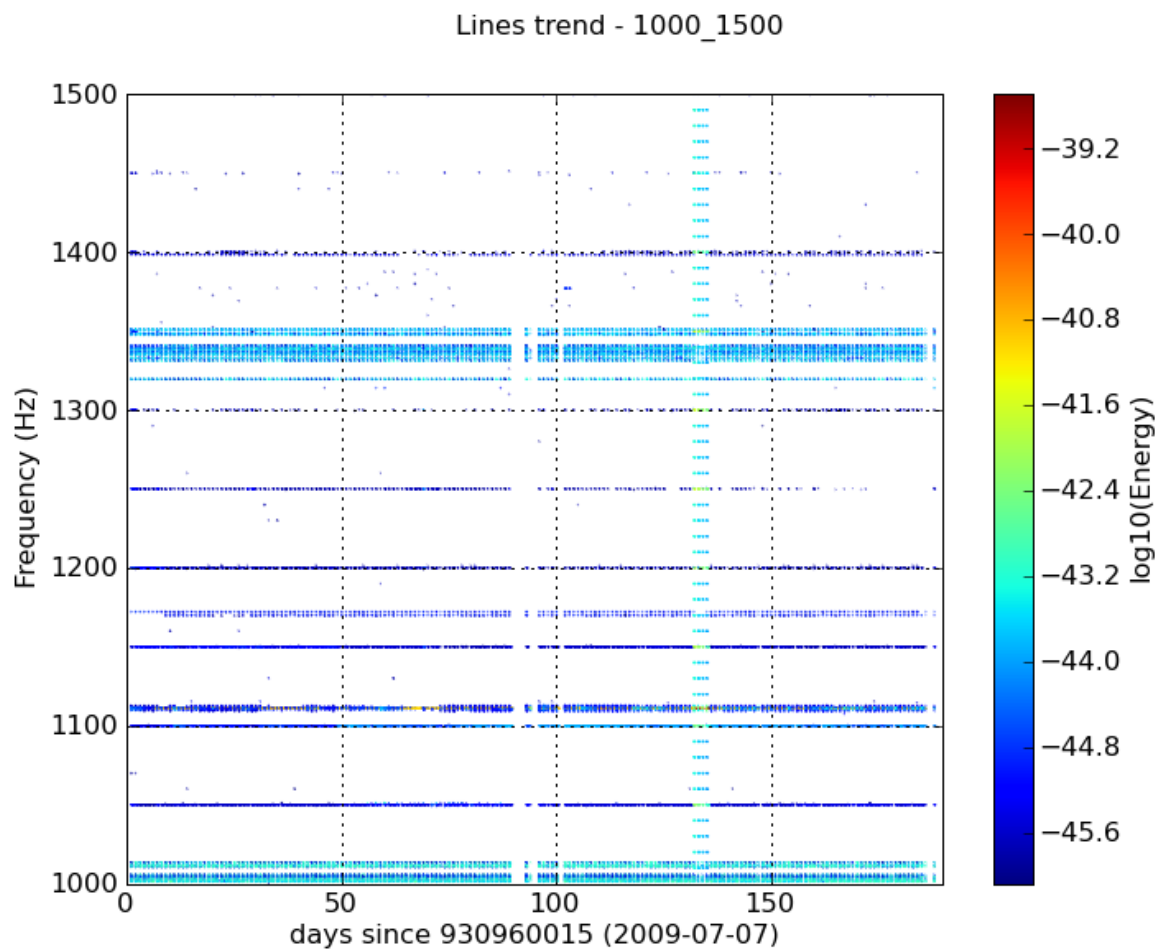


List of VSR2_Hrec_1mHz_KNOWN lines - frequency: 1000 - 1500 Hz

Summary plot:



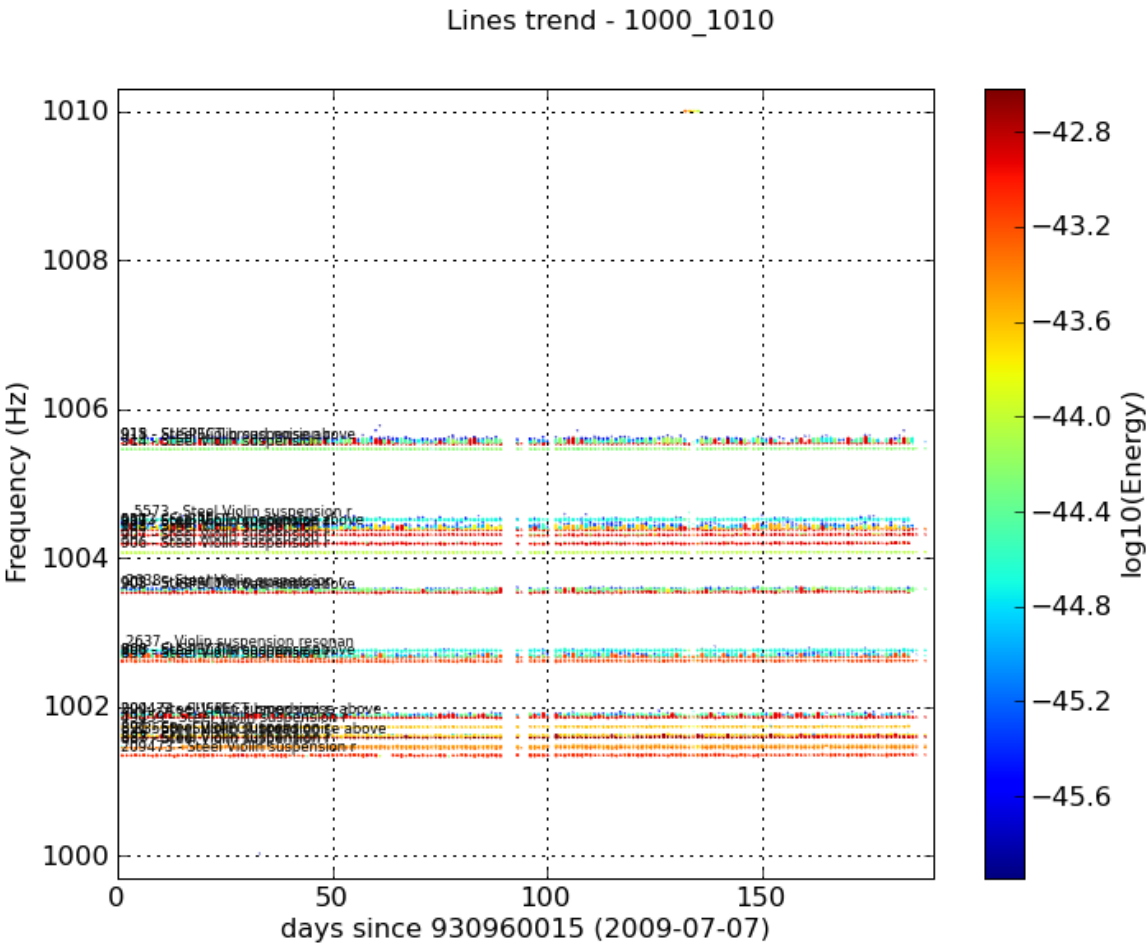
Lines list (text file)

Frequency range (Hz):

1000-1010 (26) | 1010-1020 (11) | 1020-1030 (0) | 1030-1040 (0) | 1040-1050 (1) | 1050-1060 (1) | 1060-1070 (0) | 1070-1080 (0) | 1080-1090 (0) | 1090-1100 (1) | 1100-1110 (2) | 1110-1120 (22) | 1120-1130 (0) | 1130-1140 (0) | 1140-1150 (1) | 1150-1160 (1) | 1160-1170 (2) | 1170-1180 (3) | 1180-1190 (0) | 1190-1200 (1) | 1200-1210 (1) | 1210-1220 (0) | 1220-1230 (0) | 1230-1240 (0) | 1240-1250 (1) | 1250-1260 (1) | 1260-1270 (0) | 1270-1280 (0) | 1280-1290 (0) | 1290-1300 (1) | 1300-1310 (1) | 1310-1320 (2) | 1320-1330 (0) | 1330-1340 (27) | 1340-1350 (9) | 1350-1360 (4) | 1360-1370 (0) | 1370-1380 (0) | 1380-1390 (0) | 1390-1400 (2) | 1400-1410 (1) | 1410-1420 (0) | 1420-1430 (0) | 1430-1440 (0) | 1440-1450 (0) | 1450-1460 (0) | 1460-1470 (0) | 1470-1480 (0) | 1480-1490 (0) | 1490-1500 (1)

Number of lines found in this frequency range: 123

[1000 - 1010 Hz] (26 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
209473	1001.350	[1001.330, 1001.370]	2009-07-08/2010-01-07 0.97	0.26	16.81	0.014	Em_SEDBWE01(11.4%) Em_MABDWE01(8.5%) Em_SEDBNE01(8.0%) Em_SETODE01(6.2%) Em_SE_BrewINJ(5.7%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
887	1001.449	[1001.437, 1001.464]	2009-07-08/2010-01-11 0.99	0.31	17.21	0.005	Em_SEDBWE01(8.3%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
888	1001.476	[1001.465, 1001.486]	2009-07-08/2010-01-11 0.92	0.32	17.02	0.003		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
890	1001.594	[1001.578, 1001.635]	2009-07-08/2010-01-11 0.94	0.26	17.16	0.011	Em_MABDNE01(31.0%) Em_MABDWE01(18.1%) Em_SEDBNE01(10.5%) Em_SEDBWE01(8.2%) Em_AC_EIB(5.3%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
891	1001.612	[1001.580, 1001.635]	2009-07-08/2010-01-11 0.84	0.30	13.42	0.008	Em_MABDWE01(19.7%) Em_MABDNE01(7.9%) Em_SEDBNE01(7.2%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
								SUSPECT broad noise above Steel			

33568	1001.623	[1001.588, 1001.637]	2009-07-11/2010-01-11 0.41	0.22	10.63	0.006	Em_MABDWE01(7.5%) Em_MABDNE01(6.2%)	Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
49459	1001.732	[1001.719, 1001.746]	2009-07-08/2010-01-07 0.98	0.32	18.78	0.004	Em_SEDBNE01(7.6%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
894	1001.859	[1001.845, 1001.922]	2009-07-08/2010-01-11 0.98	0.33	20.78	0.013	Em_MABDNE01(9.6%) Em_MABDMC02(5.1%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
209474	1001.896	[1001.744, 1001.951]	2009-07-08/2010-01-07 0.82	0.16	8.75	0.021	Em_MABDNE01(34.5%) Em_MABDWE01(12.6%) Em_SEDBNE01(11.8%) Em_MABDMC02(11.8%) Em_SETODE01(7.1%) Em_AC_EIB(6.7%) Em_ACBDCE01(5.0%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
897	1002.613	[1002.600, 1002.628]	2009-07-08/2009-12-05 0.76	0.30	17.58	0.006		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
898	1002.658	[1002.608, 1002.724]	2009-07-08/2010-01-11 0.99	0.30	18.74	0.009		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
900	1002.702	[1002.601, 1002.792]	2009-07-08/2010-01-11 0.90	0.14	8.20	0.017	Em_MABDNE01(8.9%) Em_AC_EIB(7.3%) Em_SEDBWE01(7.3%) Em_SEDBNE01(6.9%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
2637	1002.754	[1002.638, 1002.811]	2009-07-09/2010-01-11 0.91	0.19	10.65	0.016	Em_SEDBNE01(6.9%) Em_AC_EIB(5.9%)	Violin suspension resonance (6th harmonics)	dump	plot t-f	plot t-a
902	1003.544	[1003.522, 1003.605]	2009-07-08/2010-01-07 0.90	0.27	16.85	0.010	Em_MABDMC02(6.5%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
2638	1003.569	[1003.534, 1003.602]	2009-07-09/2009-12-26 0.64	0.28	13.14	0.011	Em_MABDMC02(7.8%) Em_AC_EIB(6.9%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
905	1003.585	[1003.541, 1003.609]	2009-07-08/2010-01-11 0.76	0.19	8.90	0.010	Em_MABDMC02(5.7%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
		[1004.065,	2009-07-08/2010-					Steel Violin suspension resonance			plot t-

906	1004.073	1004.083]	01-11 0.99	0.33	12.80	0.002		(3rd harmonic) (VSR2)	dump	plot t-f	a
907	1004.195	[1004.175, 1004.213]	2009-07- 08/2010- 01-07 0.98	0.28	18.16	0.007	Em_SEDBNE01(8.4%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
908	1004.309	[1004.296, 1004.326]	2009-07- 08/2010- 01-11 0.95	0.30	17.65	0.005		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
909	1004.374	[1004.299, 1004.459]	2009-07- 08/2010- 01-11 0.99	0.30	15.89	0.010	Em_MABDMC02(6.1%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
911	1004.393	[1004.306, 1004.532]	2009-07- 08/2010- 01-11 0.75	0.20	10.39	0.022	Em_MABDMC02(11.7%) Em_AC_EIB(5.8%) Em_MABDCE01(5.8%) Em_SETODE01(5.1%) Em_ACTCSNI(5.1%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
5572	1004.434	[1004.300, 1004.590]	2009-07- 08/2010- 01-07 0.86	0.14	7.21	0.012		SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t- a
5573	1004.513	[1004.386, 1004.612]	2009-07- 11/2010- 01-07 0.93	0.19	10.35	0.016	Em_MABDMC02(8.5%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
914	1005.463	[1005.455, 1005.473]	2009-07- 08/2010- 01-11 0.99	0.35	8.58	0.002		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
915	1005.537	[1005.519, 1005.624]	2009-07- 08/2010- 01-08 0.98	0.32	21.34	0.014		Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t- a
918	1005.596	[1005.532, 1005.776]	2009-07- 08/2010- 01-11 0.92	0.14	7.35	0.023	Em_SE_BrewINJ(8.4%) Em_MABDMC02(6.4%) Em_ACBDCE01(5.1%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t- a

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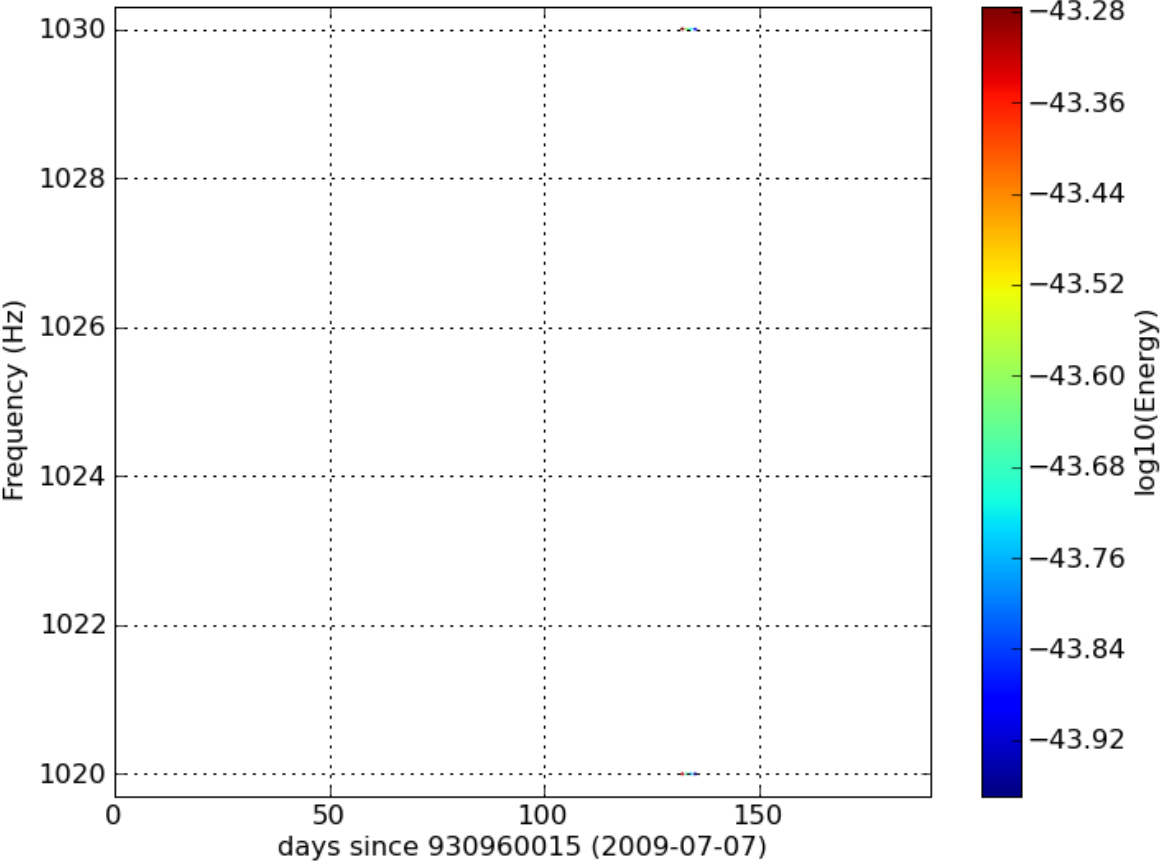
[1010 - 1020 Hz] (11 lines found)

2643	1011.422	[1011.242, 1011.497]	2009-07-09/2010-01-11 0.80	0.18	10.92	0.032	Em_SETODE01(6.8%) Em_SE_BrewINJ(6.8%) Em_SEDBWE01(6.2%) Em_ACBDC01(5.5%) Em_SEDBNE01(5.5%) Em_AC_EIB(5.5%) Em_ACTCSNI(5.5%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
21037	1011.448	[1011.389, 1011.495]	2009-07-08/2010-01-11 0.70	0.13	6.37	0.011	Em_MABDMC02(5.9%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
926	1013.166	[1013.159, 1013.173]	2009-07-08/2010-01-11 0.99	0.32	12.16	0.002	Em_SEDBNE01(12.2%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
927	1013.207	[1013.194, 1013.291]	2009-07-08/2010-01-11 0.99	0.28	17.20	0.018	Em_SEDBNE01(8.9%) Em_MABDMC02(7.2%)	Steel Violin suspension resonance (3rd harmonic) (VSR2)	dump	plot t-f	plot t-a
928	1013.270	[1013.198, 1013.399]	2009-07-08/2010-01-11 0.93	0.15	8.00	0.027	Em_SEDBNE01(17.2%) Em_MABDMC02(6.0%) Em_SEDBWE01(6.0%) Em_ACBDC01(5.6%)	SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a
2644	1013.298	[1013.234, 1013.341]	2009-07-09/2010-01-07 0.51	0.13	5.70	0.005		SUSPECT broad noise above Steel Violin suspension resonance (3rd harmonics) (VSR2)	dump	plot t-f	plot t-a

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[1020 - 1030 Hz] (0 lines found)

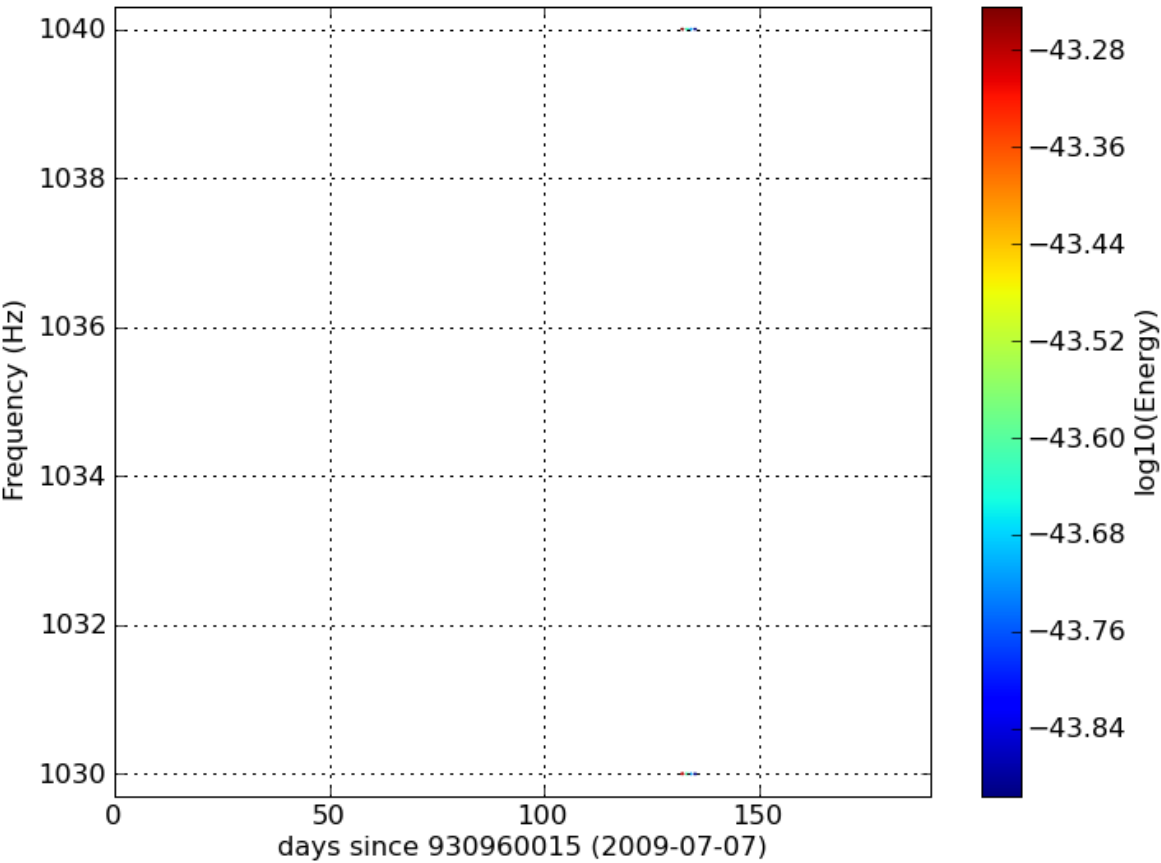
Lines trend - 1020_1030



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[1030 - 1040 Hz] (0 lines found)

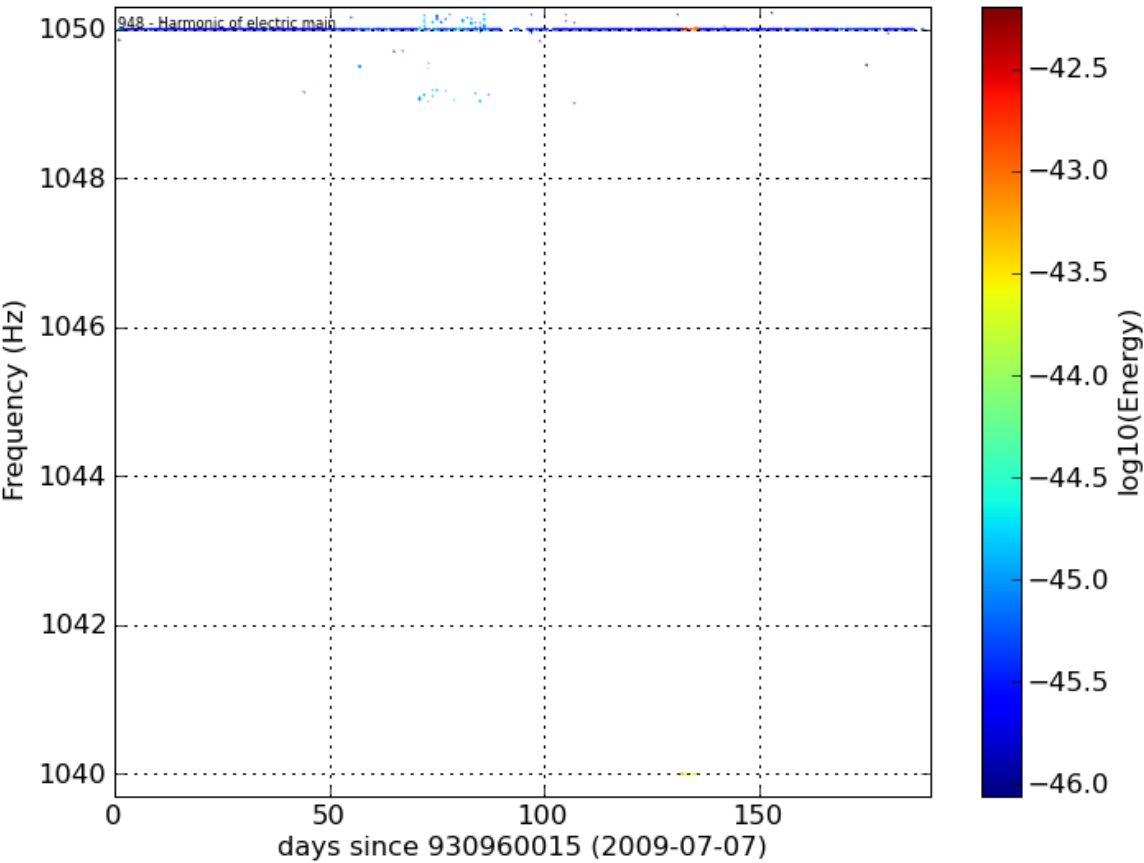
Lines trend - 1030_1040



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[1040 - 1050 Hz] (1 lines found)

Lines trend - 1040_1050

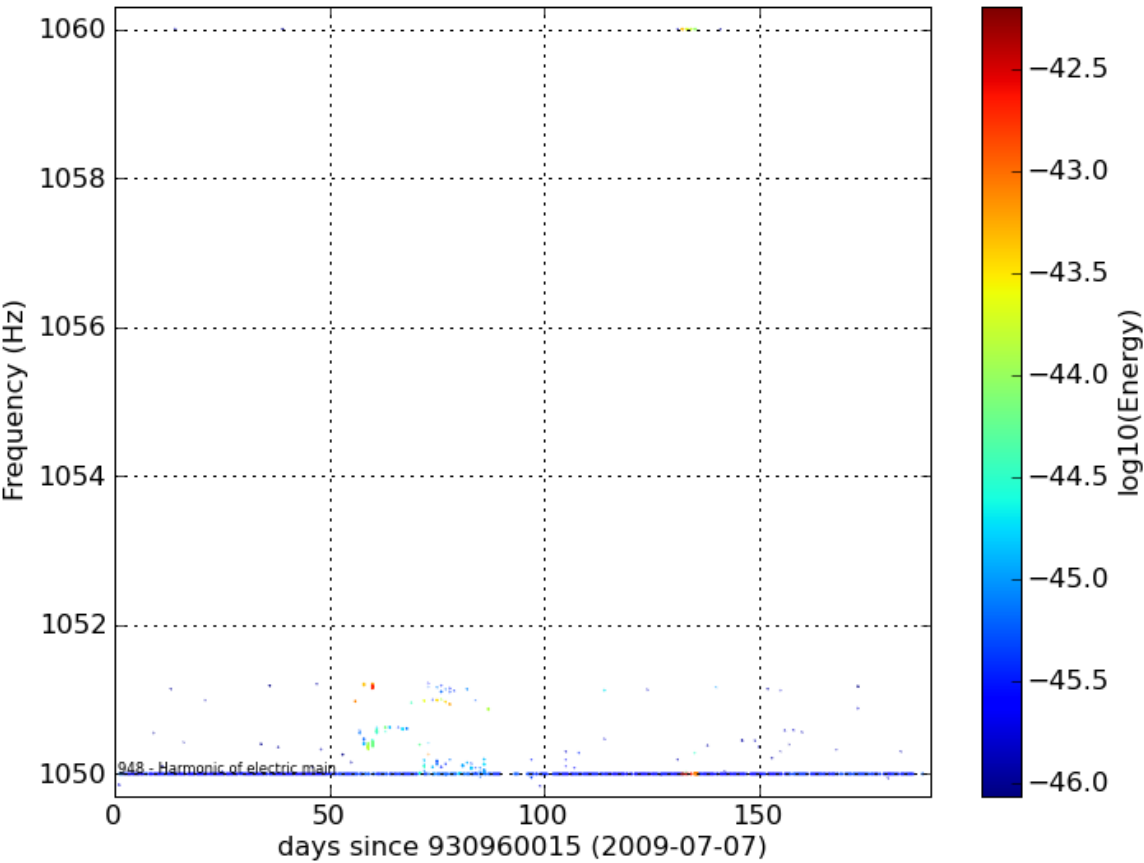


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
948	1050.000	[1049.989, 1050.015]	2009-07-08/2010-01-11 1.00	0.85	8.84	0.001	Em_SE_Cryo01(78.6%) Em_MABDNE01(78.6%) Em_MABDWE01(78.6%) Em_SEDBDL03(78.6%) Em_MABDMC02(78.6%) Em_AC_EIB(76.9%) Em_SEDBNE01(70.9%) Em_MABDCE01(70.3%) Em_ACTCSNI(68.1%) Em_SEDBWE01(67.6%) Em_SETODE01(56.6%)	Harmonic of electric mains (50Hz)	<u>dump</u>	<u>plot t-f</u>	<u>plot t-a</u>

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[1050 - 1060 Hz] (1 lines found)

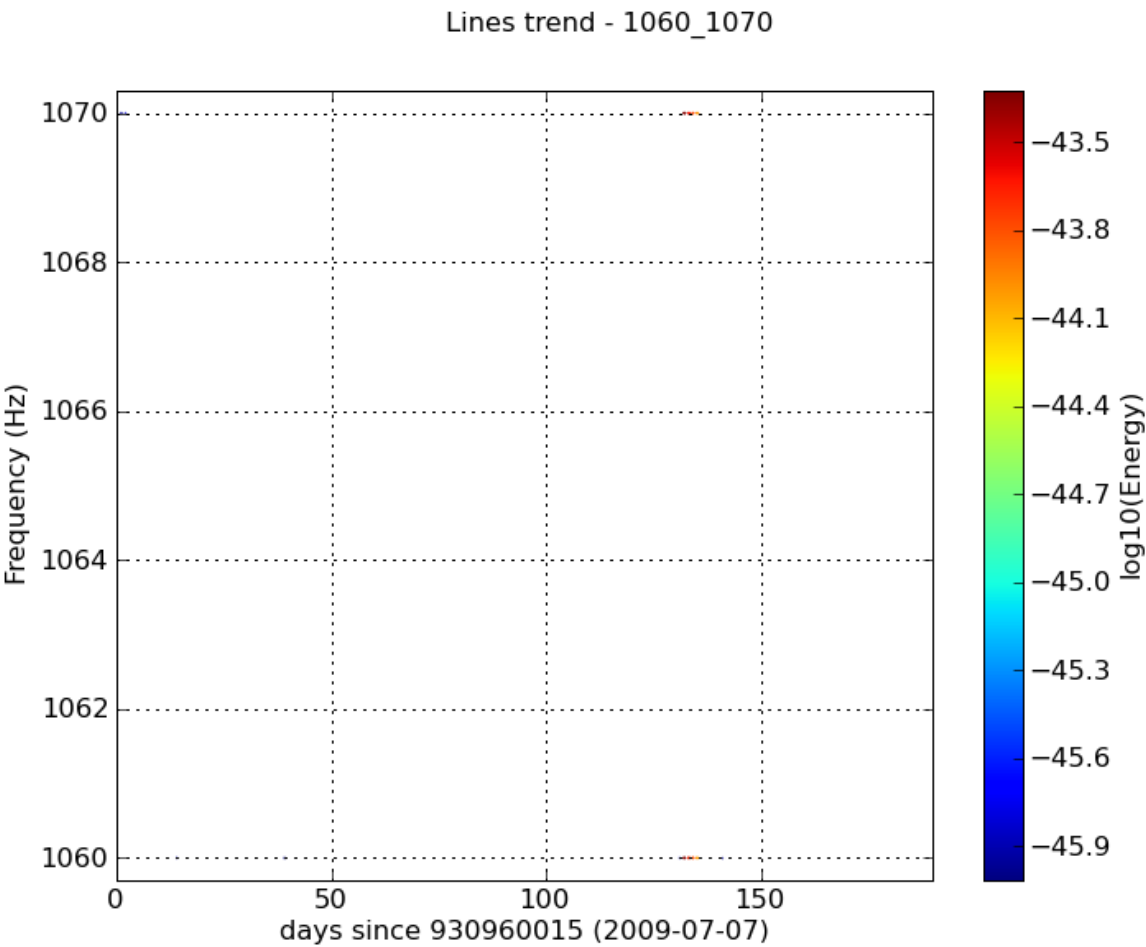
Lines trend - 1050_1060



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
948	1050.000	[1049.989, 1050.015]	2009-07-08/2010-01-11 1.00	0.85	8.84	0.001	Em_SE_Cryo01(78.6%) Em_MABDNE01(78.6%) Em_MABDWE01(78.6%) Em_SEDBDL03(78.6%) Em_MABDMC02(78.6%) Em_AC_EIB(76.9%) Em_SEDBNE01(70.9%) Em_MABDCE01(70.3%) Em_ACTCSNI(68.1%) Em_SEDBWE01(67.6%) Em_SETODE01(56.6%)	Harmonic of electric mains (50Hz)	<u>dump</u>	<u>plot t-f</u>	<u>plot t-a</u>

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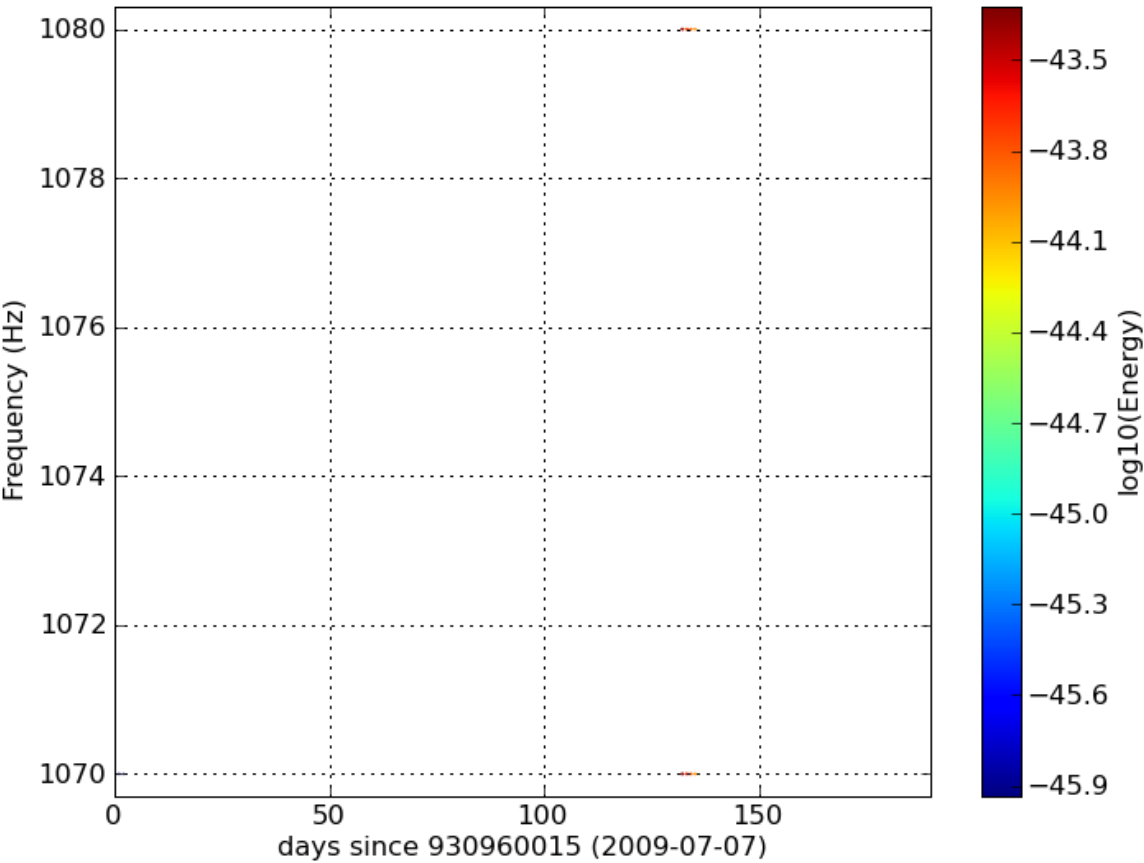
[1060 - 1070 Hz] (0 lines found)



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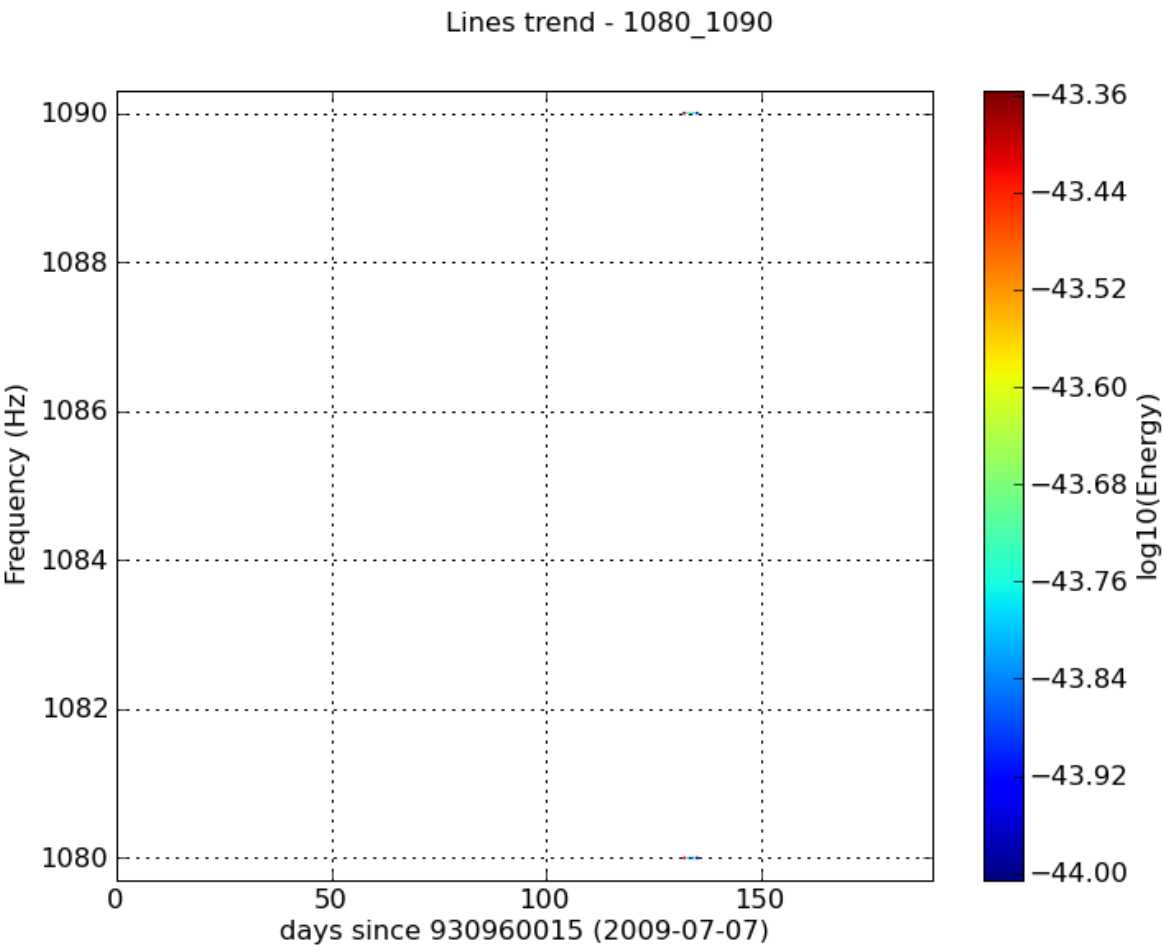
[1070 - 1080 Hz] (0 lines found)

Lines trend - 1070_1080



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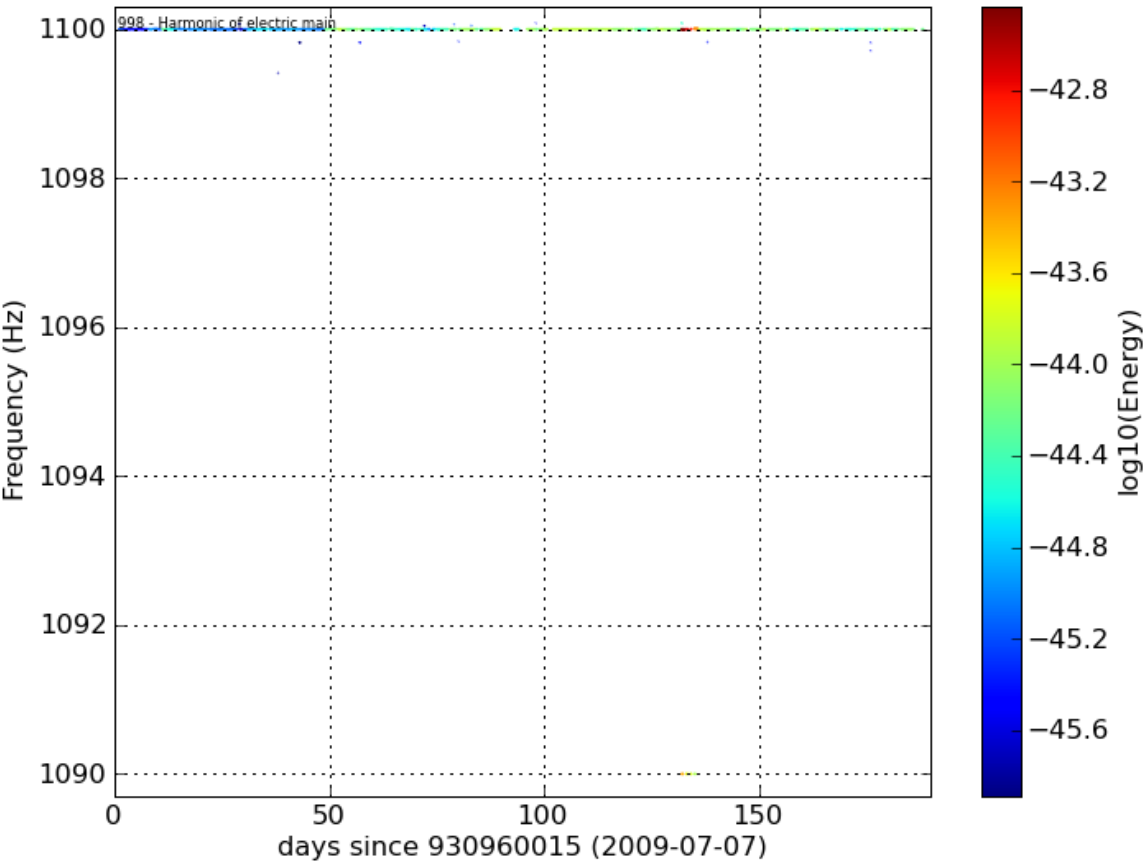
[1080 - 1090 Hz] (0 lines found)



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[1090 - 1100 Hz] (1 lines found)

Lines trend - 1090_1100

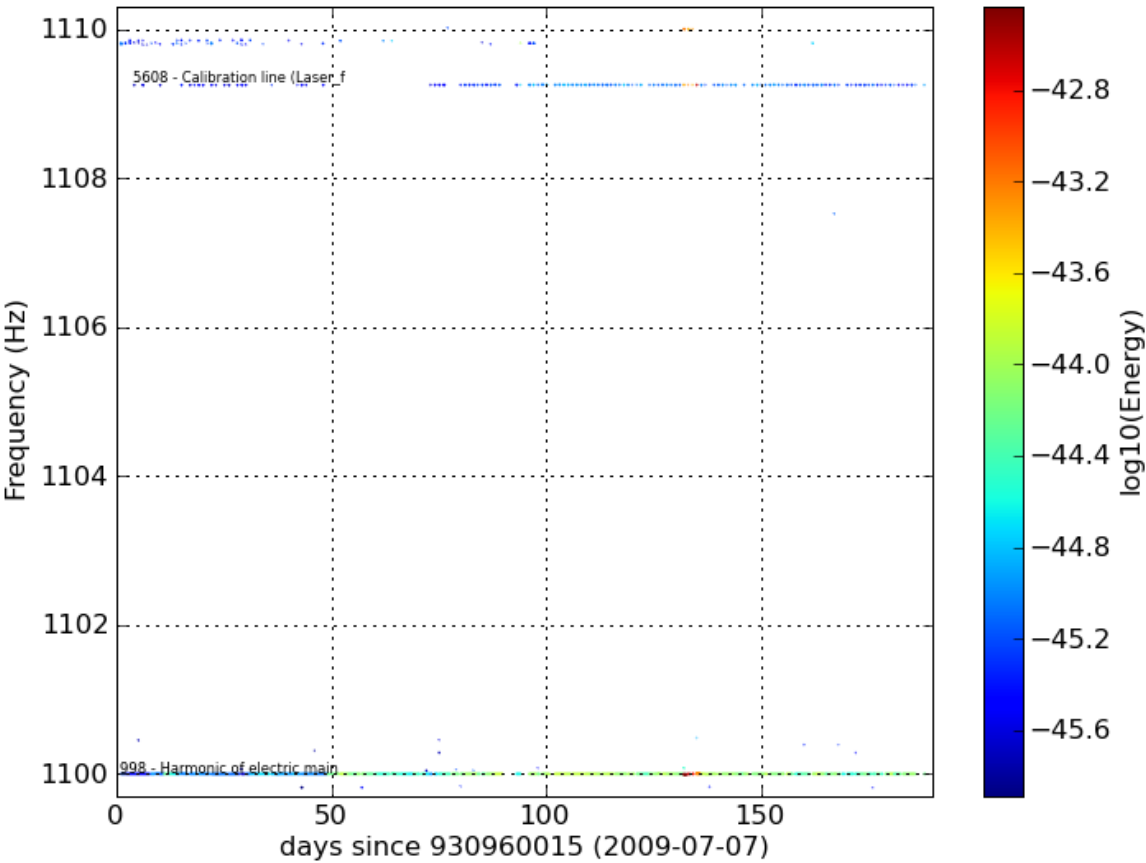


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
998	1100.000	[1099.985, 1100.013]	2009-07-08/2010-01-11 1.00	0.88	22.69	0.001	Em_SEDBNE01(78.6%) Em_SETODE01(78.6%) Em_MABDNE01(78.6%) Em_MABDWE01(78.6%) Em_SEDBDL03(78.6%) Em_MABDMC02(78.6%) Em_SE_Cryo01(76.9%) Em_SEDBWE01(76.9%) Em_ACTCSNI(72.0%) Em_MABDCE01(70.3%) Em_AC_EIB(36.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1100 - 1110 Hz] (2 lines found)

Lines trend - 1100_1110

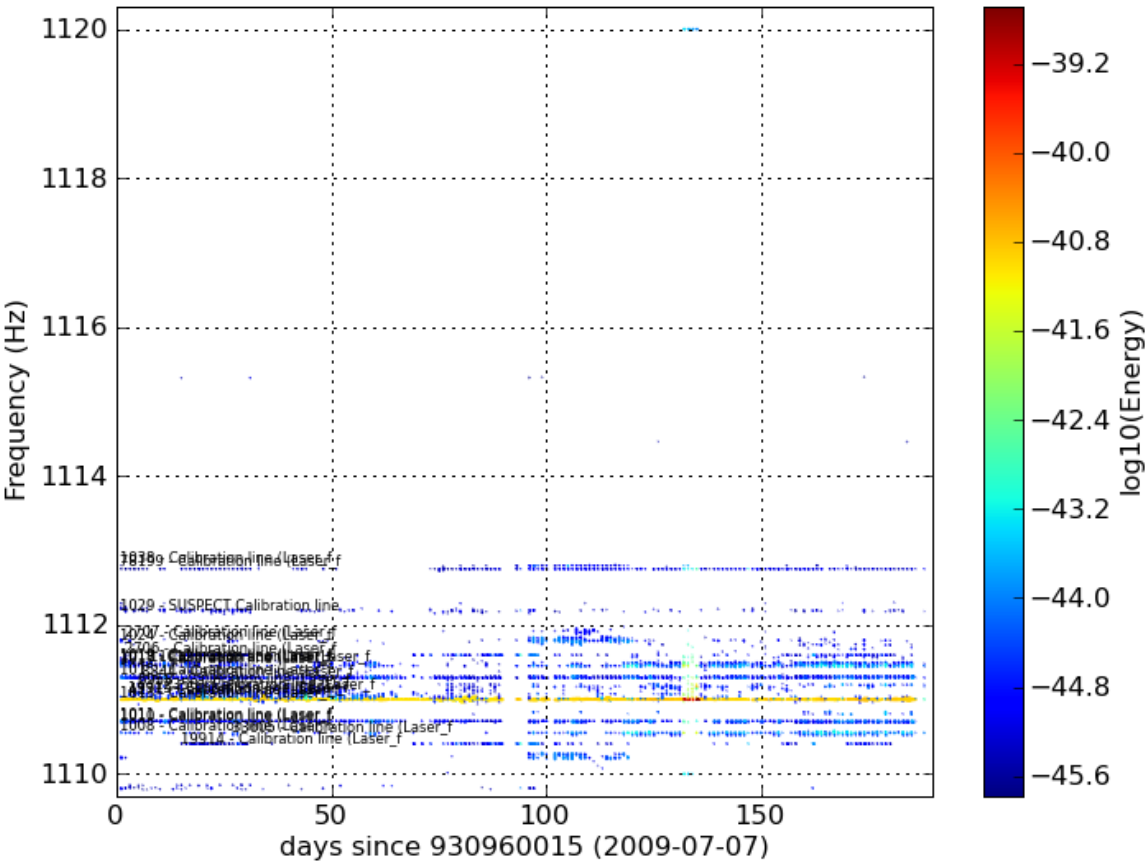


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
998	1100.000	[1099.985, 1100.013]	2009-07-08/2010-01-11 1.00	0.88	22.69	0.001	Em_SEDBNE01(78.6%) Em_SETODE01(78.6%) Em_MABDNE01(78.6%) Em_MABDWE01(78.6%) Em_SEDBDL03(78.6%) Em_MABDMC02(78.6%) Em_SE_Cryo01(76.9%) Em_SEDBWE01(76.9%) Em_ACTCSNI(72.0%) Em_MABDCE01(70.3%) Em_AC_EIB(36.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a
5608	1109.250	[1109.244, 1109.254]	2009-07-11/2010-01-11 0.67	0.28	6.14	0.002		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a

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[1110 - 1120 Hz] (22 lines found)

Lines trend - 1110_1120

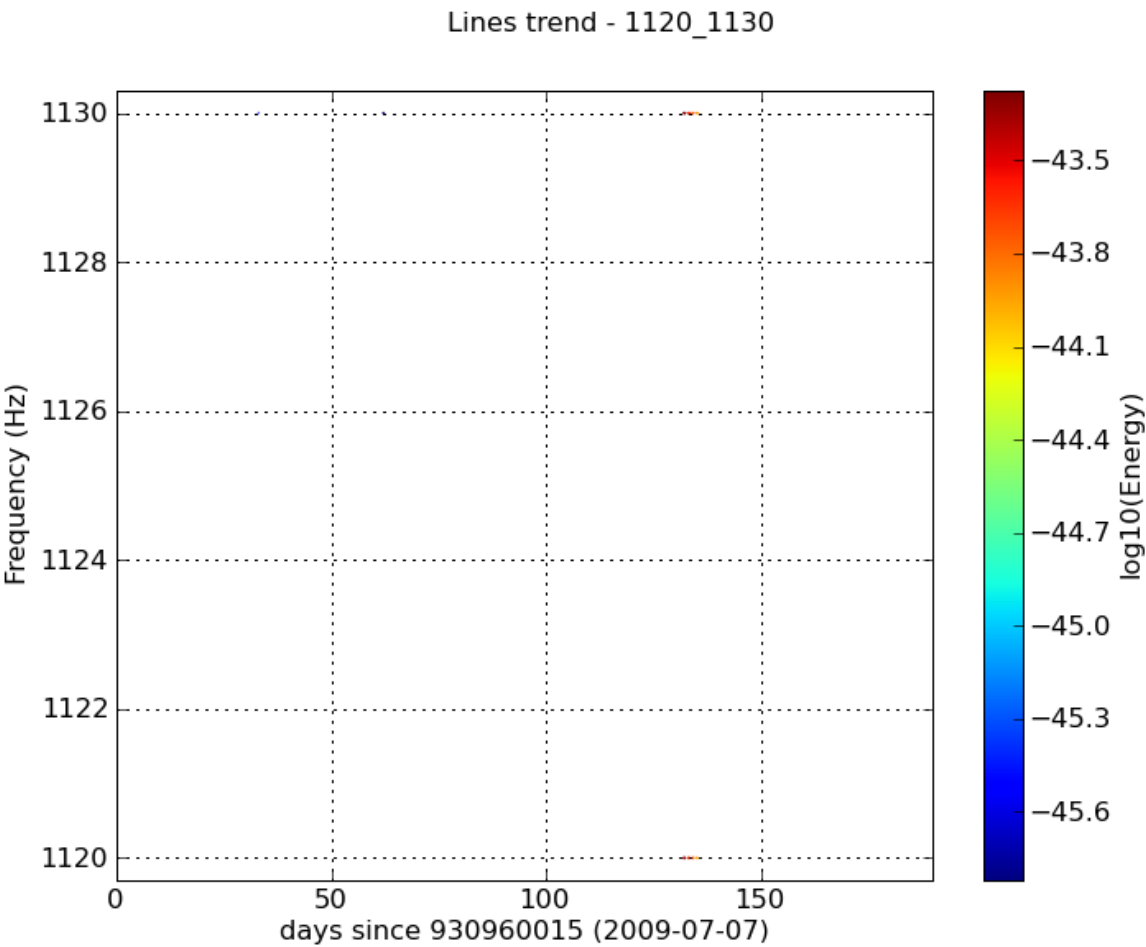


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
19914	1110.364	[1110.193, 1110.551]	2009-07-22/2010-01-03 0.37	0.40	7.47	0.010	Em_ACTCSNI (7.4%) Em_SEDBNE01 (5.9%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
33605	1110.521	[1110.513, 1110.524]	2009-08-03/2010-01-08 0.27	0.28	6.05	0.002		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1008	1110.551	[1110.534, 1110.583]	2009-07-08/2010-01-11 0.63	0.20	9.22	0.011		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1010	1110.692	[1110.691, 1110.693]	2009-07-08/2010-01-08 0.53	0.41	6.57	0.001		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1011	1110.710	[1110.708, 1110.715]	2009-07-08/2010-01-09 0.92	0.51	7.30	0.001		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1013	1111.001	[1110.961, 1111.115]	2009-07-08/2010-01-11 1.00	0.72	350.34	0.009	Em_MABDNE01 (5.5%) Em_SEDBNE01 (5.1%)	Calibration line (Laser_freq)	dump	plot t-f	plot t-a
4177	1111.025	[1110.932, 1111.095]	2009-07-10/2010-01-06 0.53	0.13	6.71	0.012	Em_SEDBNE01 (7.2%) Em_ACBDCE01 (6.2%) Em_MABDNE01 (5.2%)	Calibration line (Laser_freq)	dump	plot t-f	plot t-a
19915	1111.064	[1110.957, 1111.182]	2009-07-10/2010-01-07 0.59	0.13	6.14	0.012		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
			2009-07-								

12350	1111.111	[1111.062, 1111.165]	16/2009-12-11 0.24	0.14	5.70	0.009	Em_ACTCSNI(6.8%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
6958	1111.166	[1111.049, 1111.213]	2009-07-12/2010-01-11 0.57	0.14	5.84	0.008	Em_ACBDCOE01(5.3%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
8344	1111.289	[1111.264, 1111.296]	2009-07-13/2010-01-11 0.86	0.52	8.07	0.001		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1015	1111.306	[1111.259, 1111.329]	2009-07-08/2010-01-07 0.84	0.38	6.43	0.002		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1017	1111.448	[1111.402, 1111.474]	2009-07-08/2010-01-11 0.68	0.20	9.13	0.013		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1018	1111.468	[1111.422, 1111.506]	2009-07-08/2009-12-27 0.29	0.20	7.05	0.010	Em_MABDNE01(5.8%) Em_SEDBWE01(5.8%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
11012	1111.478	[1111.433, 1111.511]	2009-07-15/2010-01-11 0.51	0.26	7.50	0.009	Em_SE_BrewINJ(5.4%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1019	1111.496	[1111.478, 1111.508]	2009-07-08/2010-01-08 0.26	0.15	6.54	0.008	Em_ACBDCOE01(6.4%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
2706	1111.595	[1111.582, 1111.598]	2009-07-09/2010-01-08 0.48	0.41	7.86	0.002		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1024	1111.767	[1111.675, 1111.955]	2009-07-08/2010-01-08 0.36	0.14	6.08	0.012	Em_SEDBNE01(10.6%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
2707	1111.807	[1111.737, 1111.908]	2009-07-09/2010-01-03 0.23	0.13	6.33	0.013	Em_SETODE01(5.4%) Em_AC_EIB(5.4%) Em_MABDMC02(5.4%)	Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1029	1112.187	[1112.144, 1112.244]	2009-07-08/2010-01-11 0.43	0.15	5.71	0.007		SUSPECT Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
78199	1112.750	[1112.723, 1112.758]	2009-07-08/2010-01-11 0.77	0.27	6.45	0.002		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a
1038	1112.794	[1112.776, 1112.806]	2009-07-08/2009-12-26 0.21	0.21	6.59	0.003		Calibration line (Laser_freq) - Sidebands	dump	plot t-f	plot t-a

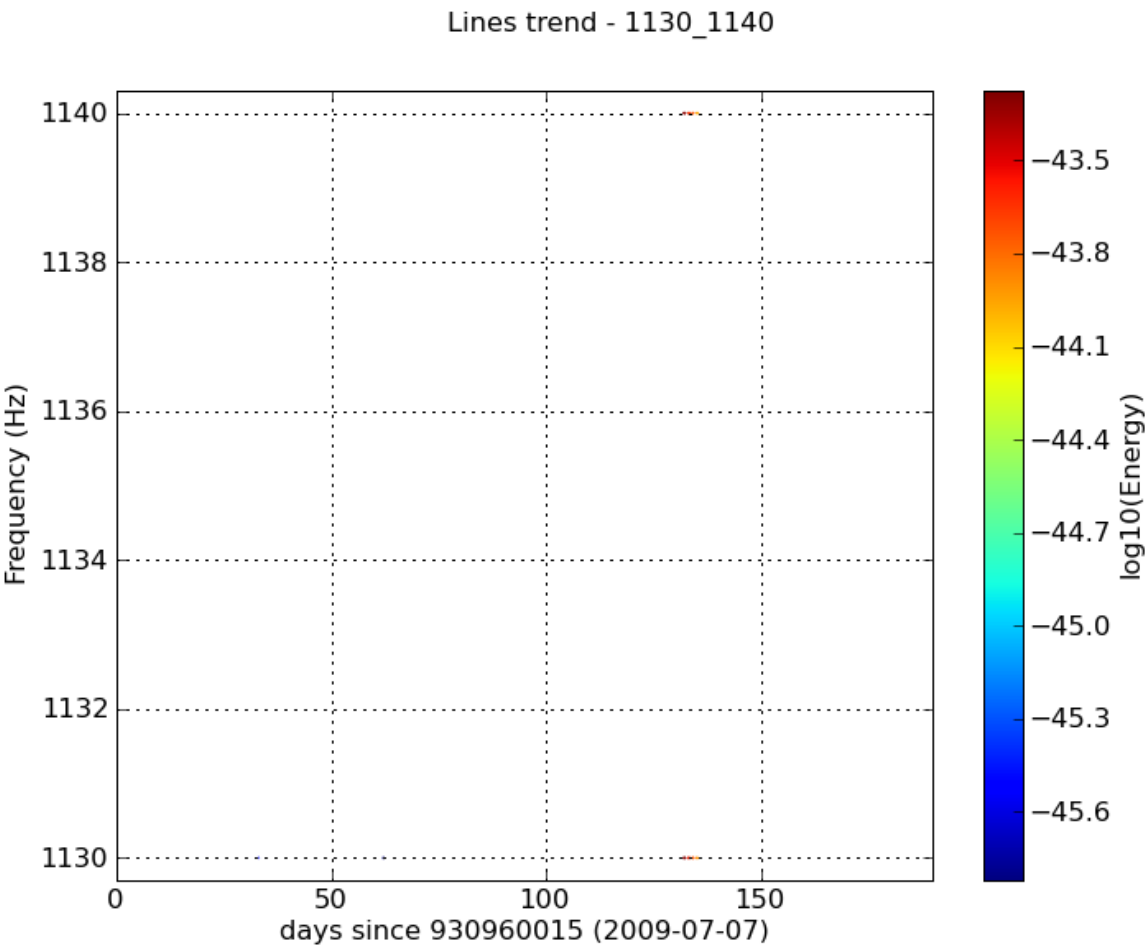
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[1120 - 1130 Hz] (0 lines found)



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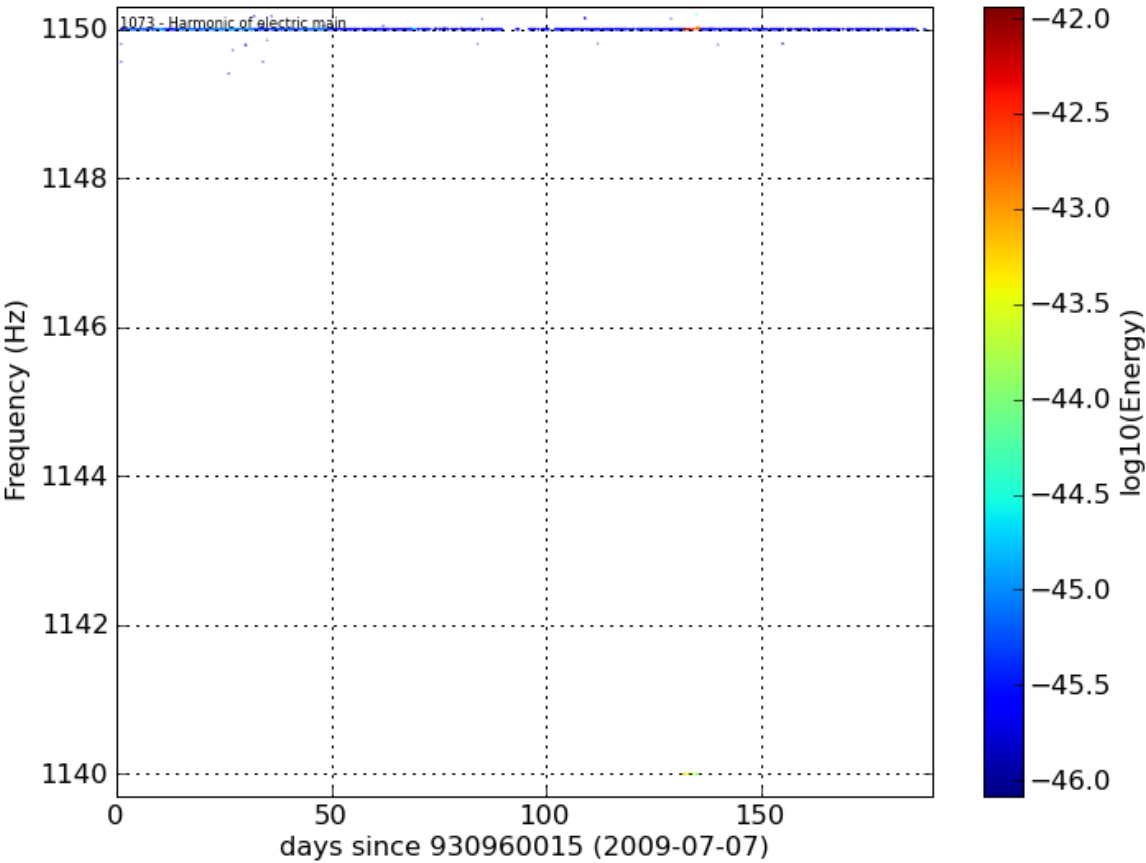
[1130 - 1140 Hz] (0 lines found)



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[1140 - 1150 Hz] (1 lines found)

Lines trend - 1140_1150

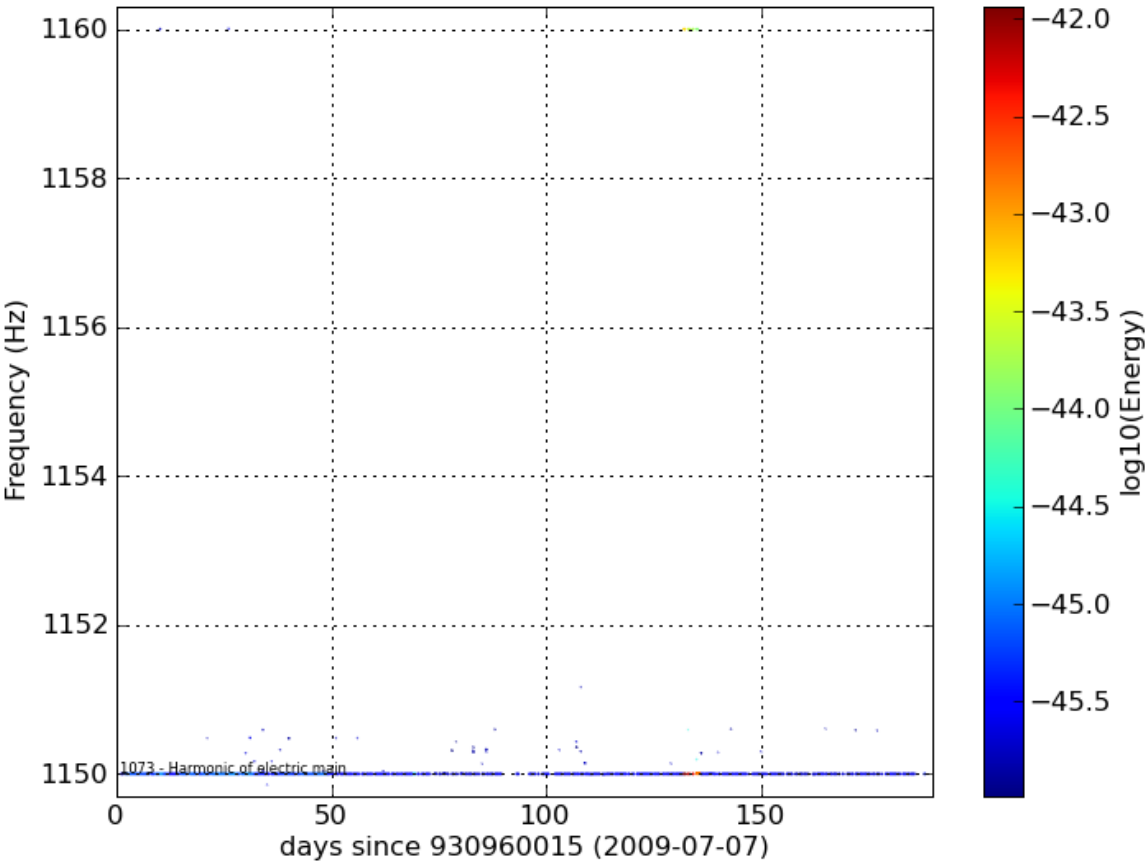


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1073	1150.000	[1149.995, 1150.015]	2009-07-08/2010-01-11 0.99	0.82	8.65	0.001	Em_SETODE01(78.5%) Em_MABDNE01(78.5%) Em_MABDWE01(78.5%) Em_SEDBDL03(78.5%) Em_MABDMC02(78.5%) Em_SEDBNE01(77.9%) Em_SE_Cryo01(77.9%) Em_MABDCE01(70.2%) Em_ACTCSNI(60.8%) Em_SEDBWE01(8.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1150 - 1160 Hz] (1 lines found)

Lines trend - 1150_1160

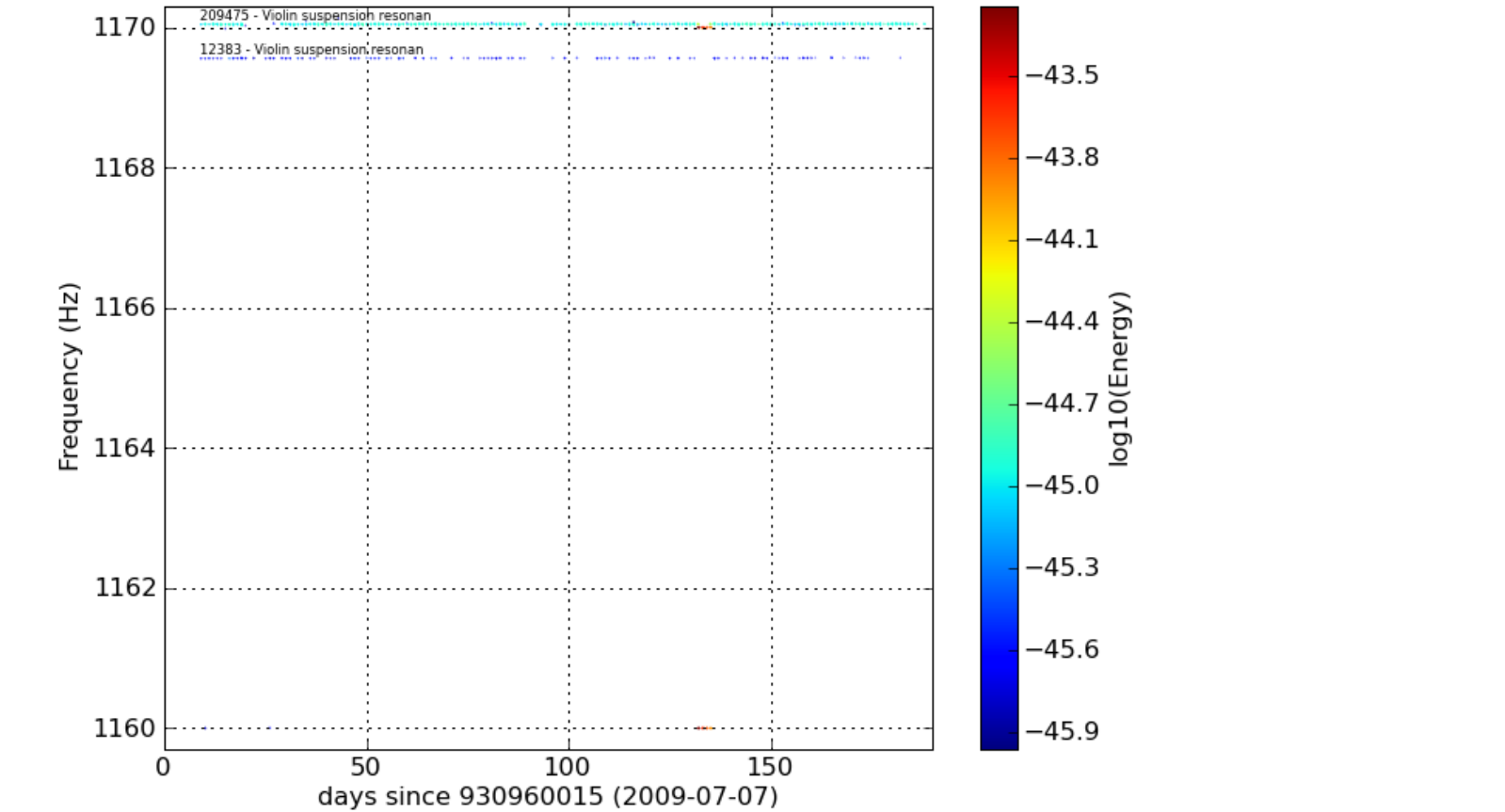


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1073	1150.000	[1149.995, 1150.015]	2009-07-08/2010-01-11 0.99	0.82	8.65	0.001	Em_SETODE01(78.5%) Em_MABDNE01(78.5%) Em_MABDWE01(78.5%) Em_SEDBDL03(78.5%) Em_MABDMC02(78.5%) Em_SEDBNE01(77.9%) Em_SE_Cryo01(77.9%) Em_MABDCE01(70.2%) Em_ACTCSNI(60.8%) Em_SEDBWE01(8.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1160 - 1170 Hz] (2 lines found)

Lines trend - 1160_1170

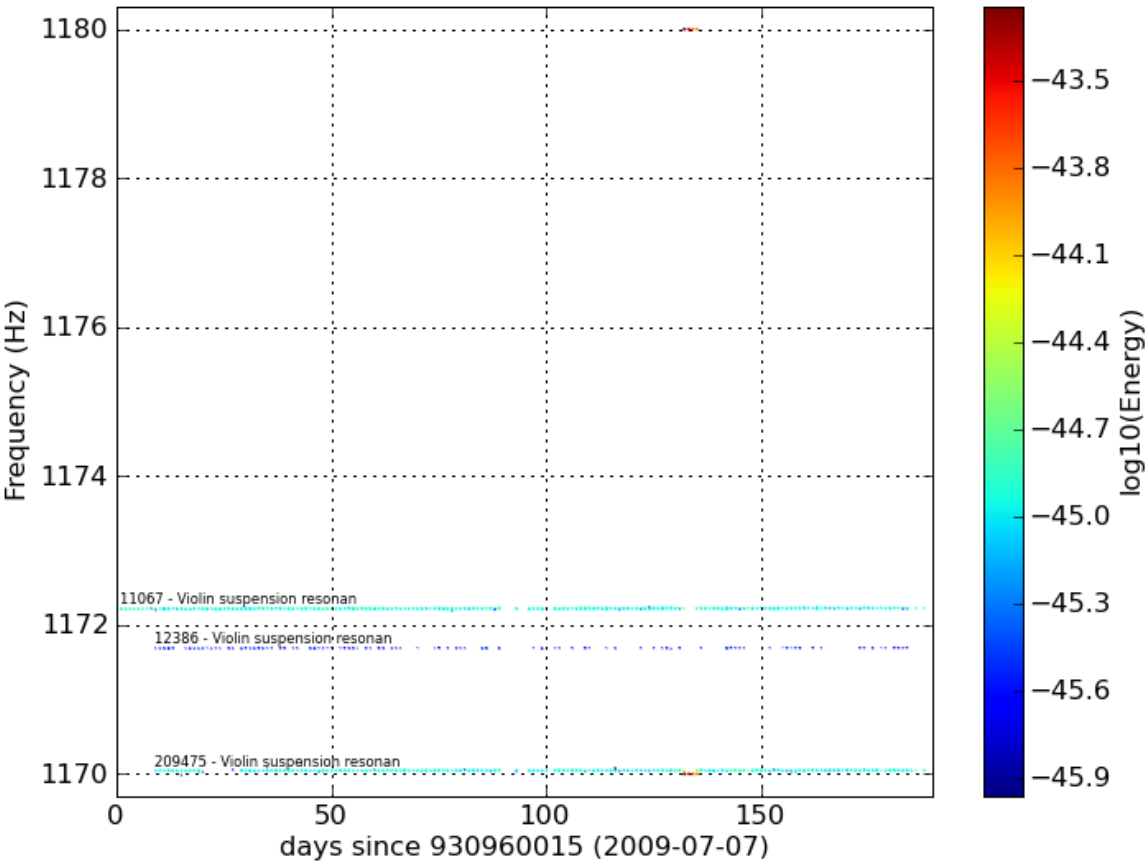


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
12383	1169.559	[1169.549, 1169.569]	2009-07-16/2010-01-05 0.53	0.16	5.39	0.003		Violin suspension resonance (7th harmonics)	dump	plot t-f	plot t-a
209475	1170.043	[1169.980, 1170.122]	2009-07-16/2010-01-07 0.90	0.20	9.31	0.013	Em_SETODE01 (7.0%) Em_MABDCE01 (5.9%) Em_MABDNE01 (5.3%)	Violin suspension resonance (7th harmonics)	dump	plot t-f	plot t-a

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[1170 - 1180 Hz] (3 lines found)

Lines trend - 1170_1180

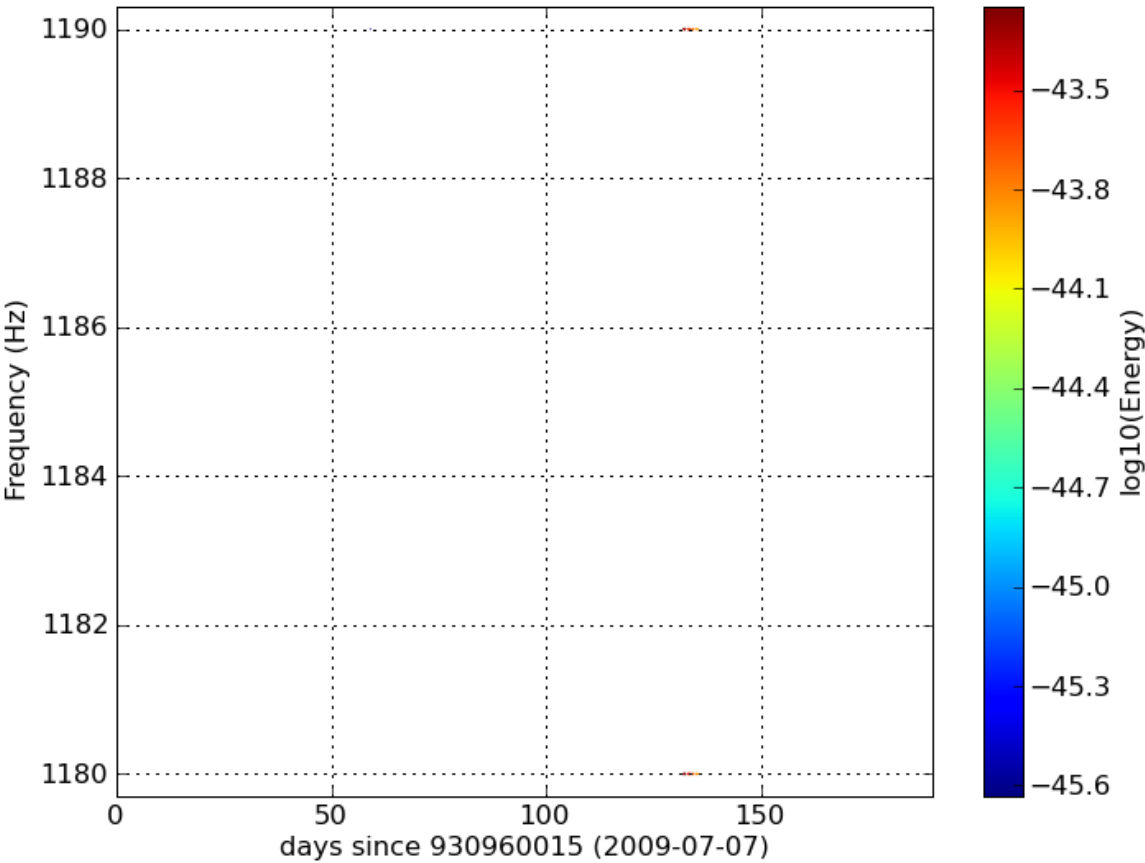


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
209475	1170.043	[1169.980, 1170.122]	2009-07-16/2010-01-07 0.90	0.20	9.31	0.013	Em_SETODE01 (7.0%) Em_MABDCE01 (5.9%) Em_MABDNE01 (5.3%)	Violin suspension resonance (7th harmonics)	dump	plot t-f	plot t-a
12386	1171.688	[1171.678, 1171.699]	2009-07-16/2010-01-07 0.52	0.16	5.36	0.003		Violin suspension resonance (7th harmonics)	dump	plot t-f	plot t-a
11067	1172.220	[1172.189, 1172.243]	2009-07-08/2010-01-11 0.98	0.20	9.29	0.013	Em_ACBDCE01 (5.7%)	Violin suspension resonance (7th harmonics)	dump	plot t-f	plot t-a

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[1180 - 1190 Hz] (0 lines found)

Lines trend - 1180_1190



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[1190 - 1200 Hz] (1 lines found)

?

Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
114786	1200.000	[1199.988, 1200.034]	2009-07-08/2010-01-07 0.98	0.53	6.78	0.003	Em_SEDBNE01(76.8%) Em_SETODE01(76.8%) Em_SE_Cryo01(76.8%) Em_MABDNE01(76.8%) Em_MABDWE01(76.8%) Em_SEBBDL03(76.8%) Em_MABDMC02(76.8%) Em_ACTCSNI(70.2%) Em_MABDCE01(70.2%) Em_AC_EIB(56.4%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1200 - 1210 Hz] (1 lines found)

?

Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
		[1199.988,	2009-07-08/2010-				Em_SEDBNE01(76.8%) Em_SETODE01(76.8%) Em_SE_Cryo01(76.8%) Em_MABDNE01(76.8%) Em_MABDWE01(76.8%)	Harmonic of electric			plot t-

114786	1200.000	1200.034]	01-07 0.98	0.53	6.78	0.003	Em_SEDBDL03(76.8%) Em_MABDMC02(76.8%) Em_ACTCSNI(70.2%) Em_MABDCE01(70.2%) Em_AC_EIB(56.4%)	mains (50Hz)	dump	plot t-f	<u>a</u>
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[1210 - 1220 Hz] (0 lines found)



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[1220 - 1230 Hz] (0 lines found)



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[1230 - 1240 Hz] (0 lines found)



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[1240 - 1250 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1188	1250.000	[1249.986, 1250.005]	2009-07-08/2010-01-11 0.66	0.39	6.57	0.001	Em_MABDNE01(80.8%) Em_MABDWE01(80.8%) Em_MABDMC02(80.8%) Em_MABDCE01(80.0%) Em_AC_EIB(79.2%) Em_ACTCSNI(68.3%)	Harmonic of electric mains (50Hz)	<u>dump</u>	<u>plot t-f</u>	<u>plot t-a</u>

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[1250 - 1260 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1188	1250.000	[1249.986, 1250.005]	2009-07-08/2010-01-11 0.66	0.39	6.57	0.001	Em_MABDNE01(80.8%) Em_MABDWE01(80.8%) Em_MABDMC02(80.8%) Em_MABDCE01(80.0%) Em_AC_EIB(79.2%) Em_ACTCSNI(68.3%)	Harmonic of electric mains (50Hz)	<u>dump</u>	<u>plot t-f</u>	<u>plot t-a</u>

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[1260 - 1270 Hz] (0 lines found)



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[1270 - 1280 Hz] (0 lines found)




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[1280 - 1290 Hz] (0 lines found)



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[1290 - 1300 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1232	1299.999	[1299.988, 1300.004]	2009-07-08/2010-01-11 0.51	0.29	7.75	0.002	Em_MABDNE01(68.5%) Em_MABDWE01(68.5%) Em_MABDMC02(68.5%) Em_MABDCE01(57.6%) Em_ACTCSNI(55.4%) Em_AC_EIB(53.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1300 - 1310 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1232	1299.999	[1299.988, 1300.004]	2009-07-08/2010-01-11 0.51	0.29	7.75	0.002	Em_MABDNE01(68.5%) Em_MABDWE01(68.5%) Em_MABDMC02(68.5%) Em_MABDCE01(57.6%) Em_ACTCSNI(55.4%) Em_AC_EIB(53.3%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1310 - 1320 Hz] (2 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1239	1319.523	[1319.506, 1319.576]	2009-07-08/2010-01-11 1.00	0.30	18.28	0.012	Em_MABDMC02(6.0%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1240	1319.556	[1319.516, 1319.610]	2009-07-08/2010-01-11 0.84	0.14	7.63	0.016		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a


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[1320 - 1330 Hz] (0 lines found)



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[1330 - 1340 Hz] (27 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1245	1331.240	[1331.221, 1331.293]	2009-07-08/2010-01-11 0.99	0.29	17.33	0.014		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1246	1331.272	[1331.237, 1331.355]	2009-07-08/2010-01-11 0.77	0.15	7.99	0.017		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1248	1332.905	[1332.894,	2009-07-08/2010-	0.31	9.17	0.002		Steel Violin suspension	dump	plot t-f	plot t-

		1332.919]	01-11 0.99					resonance (4th harmonic) (VSR2)			a
1249	1333.089	[1333.070, 1333.135]	2009-07- 08/2010- 01-11 0.99	0.29	17.37	0.014	Em_MABDWE01(10.6%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
2831	1333.112	[1333.081, 1333.177]	2009-07- 09/2010- 01-05 0.28	0.17	10.24	0.013	Em_MABDWE01(25.5%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
7087	1333.126	[1333.084, 1333.234]	2009-07- 10/2010- 01-11 0.76	0.14	7.33	0.013	Em_MABDWE01(28.4%) Em_MABDMC02(5.6%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1252	1335.322	[1335.306, 1335.345]	2009-07- 08/2010- 01-11 0.99	0.22	12.47	0.018	Em_AC_EIB(5.6%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1253	1335.432	[1335.418, 1335.450]	2009-07- 08/2010- 01-11 0.99	0.28	9.97	0.004		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1255	1335.467	[1335.449, 1335.503]	2009-07- 08/2010- 01-11 0.99	0.25	11.99	0.015		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1256	1335.491	[1335.467, 1335.514]	2009-07- 08/2010- 01-08 0.49	0.13	7.86	0.011		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1257	1335.716	[1335.701, 1335.729]	2009-07- 08/2010- 01-11 0.97	0.29	15.79	0.005		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1258	1335.885	[1335.862, 1335.926]	2009-07- 08/2010- 01-11 1.00	0.30	18.28	0.012		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1259	1335.914	[1335.879, 1335.960]	2009-07- 08/2010- 01-11 0.78	0.14	7.70	0.015		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1261	1336.920	[1336.905, 1336.936]	2009-07- 08/2010- 01-07 0.97	0.25	14.85	0.008		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1263	1336.990	[1336.908, 1337.031]	2009-07- 08/2010- 01-11 0.99	0.28	16.76	0.015	Em_MABDNE01(39.4%) Em_MABDWE01(33.9%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1264	1337.012	[1336.973, 1337.051]	2009-07- 08/2010- 01-11 0.62	0.14	7.81	0.012	Em_MABDWE01(27.1%) Em_MABDNE01(19.5%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1265	1337.408	[1337.394, 1337.420]	2009-07- 08/2010- 01-07 0.97	0.20	6.89	0.009		SUSPECT Violin suspension resonance (8th harmonics)	dump	plot t-f	plot t- a
1267	1338.070	[1338.047, 1338.137]	2009-07- 08/2010- 01-11 0.90	0.27	16.51	0.018		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
1266	1338.108	[1338.051, 1338.178]	2009-07- 08/2010- 01-11 0.96	0.22	10.14	0.012		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t- a
209478	1338.713	[1338.704, 1338.724]	2009-07- 08/2010- 01-07	0.28	10.04	0.004	Em_AC_EIB(5.1%)	Steel Violin suspension resonance (4th	dump	plot t-f	plot t- a

			0.97					harmonic) (VSR2)			
1270	1338.875	[1338.853, 1338.901]	2009-07-08/2010-01-04 0.92	0.28	17.48	0.012		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1271	1338.886	[1338.872, 1338.905]	2009-07-08/2010-01-11 0.41	0.16	10.35	0.010		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1272	1339.123	[1339.105, 1339.239]	2009-07-08/2010-01-07 0.98	0.25	15.17	0.009		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1275	1339.206	[1339.178, 1339.275]	2009-07-08/2010-01-11 0.90	0.28	15.80	0.011		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1274	1339.226	[1339.183, 1339.274]	2009-07-08/2010-01-11 0.96	0.25	13.12	0.011		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
17466	1339.255	[1339.208, 1339.307]	2009-07-13/2010-01-11 0.77	0.15	6.80	0.007		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
209477	1339.997	[1339.982, 1340.012]	2009-07-08/2010-01-07 0.98	0.21	7.28	0.009	Em_MABDNE01(77.8%) Em_MABDCE01(58.9%) Em_MABDWE01(30.0%)	SUSPECT Violin suspension resonance (8th harmonics)	dump	plot t-f	plot t-a

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[1340 - 1350 Hz] (9 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
209477	1339.997	[1339.982, 1340.012]	2009-07-08/2010-01-07 0.98	0.21	7.28	0.009	Em_MABDNE01(77.8%) Em_MABDCE01(58.9%) Em_MABDWE01(30.0%)	SUSPECT Violin suspension resonance (8th harmonics)	dump	plot t-f	plot t-a
1278	1340.612	[1340.603, 1340.623]	2009-07-08/2010-01-11 0.98	0.30	6.95	0.002		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1280	1340.710	[1340.693, 1340.781]	2009-07-08/2010-01-11 0.98	0.29	17.33	0.012	Em_MABDMC02(5.1%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
5731	1340.745	[1340.703, 1340.813]	2009-07-09/2010-01-11 0.84	0.14	7.38	0.013		SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1283	1347.635	[1347.616, 1347.684]	2009-07-08/2010-01-11 0.99	0.29	17.00	0.013	Em_MABDNE01(12.8%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1284	1347.662	[1347.630, 1347.690]	2009-07-08/2010-01-07 0.71	0.15	8.48	0.018	Em_MABDNE01(26.1%) Em_MABDWE01(10.5%) Em_MABDMC02(7.8%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1285	1348.502	[1348.489, 1348.519]	2009-07-08/2010-01-11 1.00	0.30	12.40	0.004		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1286	1348.538	[1348.517, 1348.581]	2009-07-08/2010-01-11 0.98	0.29	17.14	0.015	Em_MABDWE01(9.5%) Em_AC_EIB(9.5%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a

1287	1348.563	[1348.525, 1348.635]	2009-07-08/2010-01-11 0.66	0.14	8.00	0.015	Em_MABDWE01(17.7%) Em_AC_EIB(6.1%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
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[1350 - 1360 Hz] (4 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
1289	1350.870	[1350.861, 1350.876]	2009-07-08/2010-01-11 0.99	0.30	10.75	0.003		Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1291	1350.923	[1350.868, 1350.990]	2009-07-08/2010-01-11 0.98	0.24	14.06	0.018	Em_MABDWE01(23.6%) Em_MABDMC02(15.7%) Em_MABDCE01(7.9%) Em_AC_EIB(7.3%) Em_ACTCSNI(6.7%) Em_MABDNE01(5.1%)	Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
209476	1350.960	[1350.909, 1351.047]	2009-07-08/2010-01-07 0.79	0.15	8.42	0.022	Em_MABDWE01(30.7%) Em_MABDMC02(16.9%) Em_AC_EIB(11.4%) Em_MABDCE01(9.0%) Em_ACTCSNI(8.4%) Em_MABDNE01(6.6%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a
1292	1350.976	[1350.930, 1351.001]	2009-07-08/2010-01-11 0.58	0.13	5.83	0.006	Em_MABDWE01(10.1%) Em_MABDMC02(5.9%)	SUSPECT Broad noise above Steel Violin suspension resonance (4th harmonic) (VSR2)	dump	plot t-f	plot t-a

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[1360 - 1370 Hz] (0 lines found)



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[1370 - 1380 Hz] (0 lines found)



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[1380 - 1390 Hz] (0 lines found)



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[1390 - 1400 Hz] (2 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
47610	1398.332	[1398.121, 1398.631]	2009-07-08/2010-01-08 0.92	0.23	6.04	0.002		Injected pulsar 4	dump	plot t-f	plot t-a
		[1399.987,	2009-07-26/2010-				Em_MABDNE01(46.0%) Em_MABDWE01(46.0%) Em_MABDCE01(46.0%)	Harmonic of electric			plot t-

24791	1399.994	1400.011]	01-11 0.27	0.32	4.84	0.001	Em_MABDMC02(46.0%) Em_ACTCSNI(46.0%) Em_AC_EIB(44.0%)	mains (50Hz)	dump	plot t-f	a
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[1400 - 1410 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
24791	1399.994	[1399.987, 1400.011]	2009-07-26/2010-01-11 0.27	0.32	4.84	0.001	Em_MABDNE01(46.0%) Em_MABDWE01(46.0%) Em_MABDCE01(46.0%) Em_MABDMC02(46.0%) Em_ACTCSNI(46.0%) Em_AC_EIB(44.0%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[1410 - 1420 Hz] (0 lines found)



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[1420 - 1430 Hz] (0 lines found)



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[1430 - 1440 Hz] (0 lines found)



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[1440 - 1450 Hz] (0 lines found)



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[1450 - 1460 Hz] (0 lines found)



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[1460 - 1470 Hz] (0 lines found)



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[1470 - 1480 Hz] (0 lines found)



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[1480 - 1490 Hz] (0 lines found)



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[1490 - 1500 Hz] (1 lines found)



Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
							Em_AC_EIB(47.7%) Em_MABDNE01(46.2%)				

18918	1499.995	[1499.988, 1500.001]	2009-07-08/2010-01-08 0.36	0.34	6.80	0.002	Em_MABDWE01(46.2%) Em_MABDCE01(46.2%) Em_MABDMC02(46.2%) Em_ACTCSNI(44.6%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a
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Contacts

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