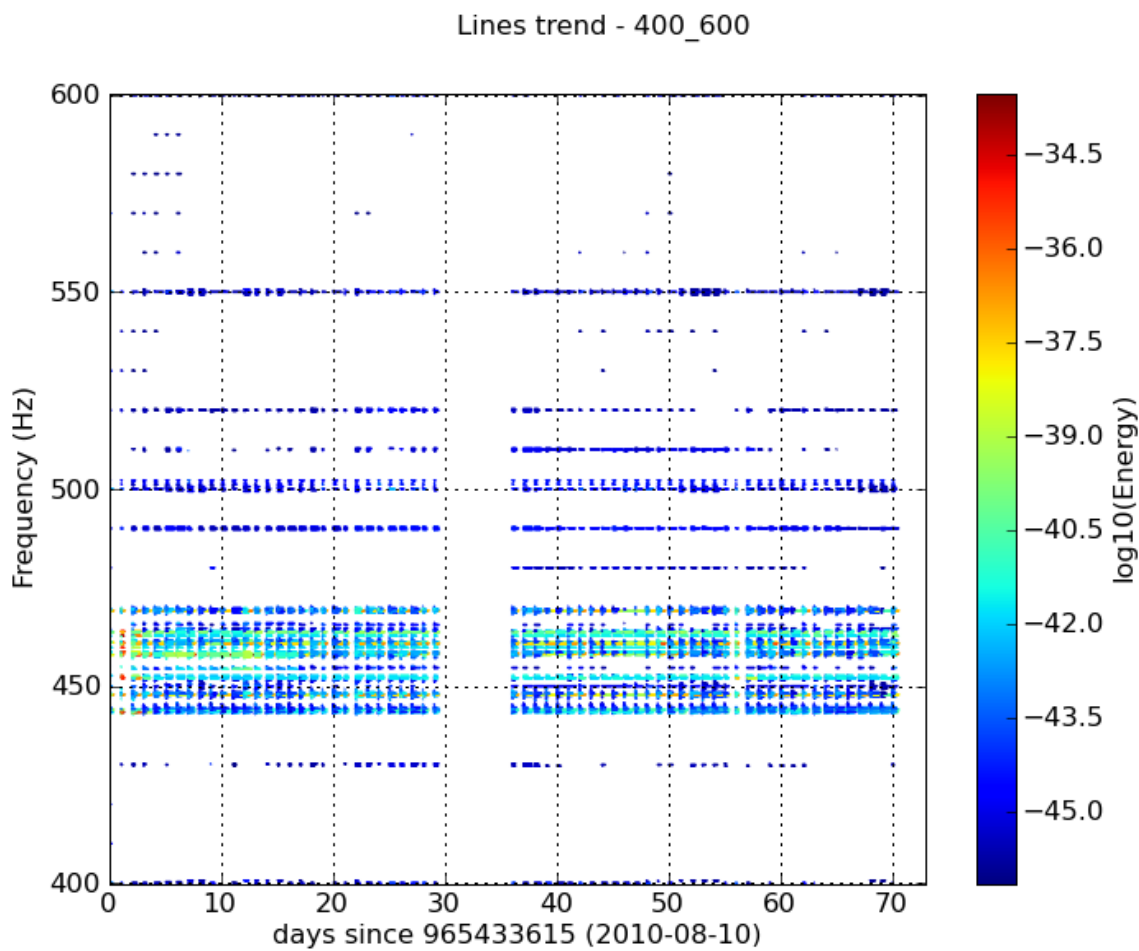


# List of VSR3\_Hrec\_1mHz\_KNOWN lines - frequency: 400 - 600 Hz

Summary plot:



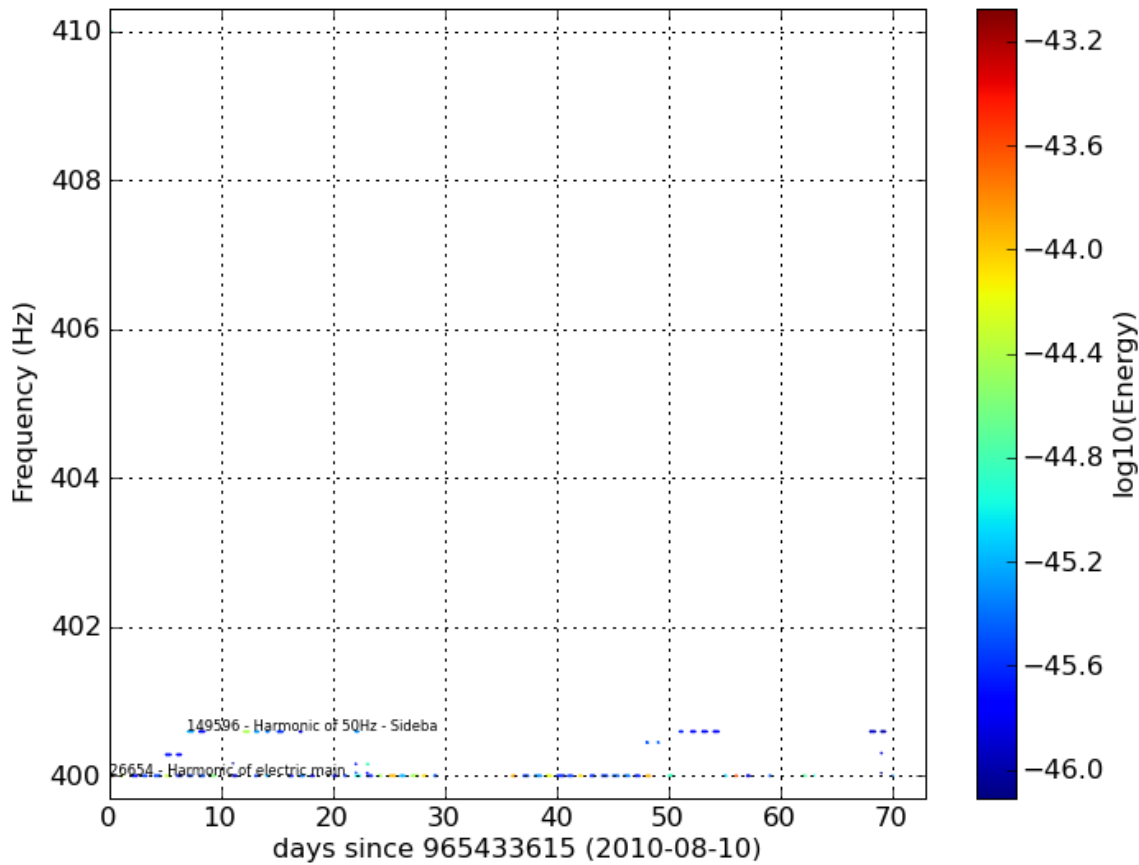
Lines list (text file)

Frequency range (Hz):  
400- 410 ( 2 ) | 410- 420 ( 0 ) | 420- 430 ( 2 ) | 430- 440 ( 2 ) | 440- 450 (99) | 450- 460 (51) | 460- 470 (81) | 470- 480 ( 3 ) | 480- 490 ( 6 )  
| 490- 500 ( 6 ) |  
500- 510 (11) | 510- 520 ( 6 ) | 520- 530 ( 3 ) | 530- 540 ( 1 ) | 540- 550 ( 4 ) | 550- 560 ( 6 ) | 560- 570 ( 0 ) | 570- 580 ( 0 ) | 580- 590 ( 0 ) |  
590- 600 ( 1 ) |

Number of lines found in this frequency range: 284

[400 - 410 Hz] (2 lines found)

Lines trend - 400\_410

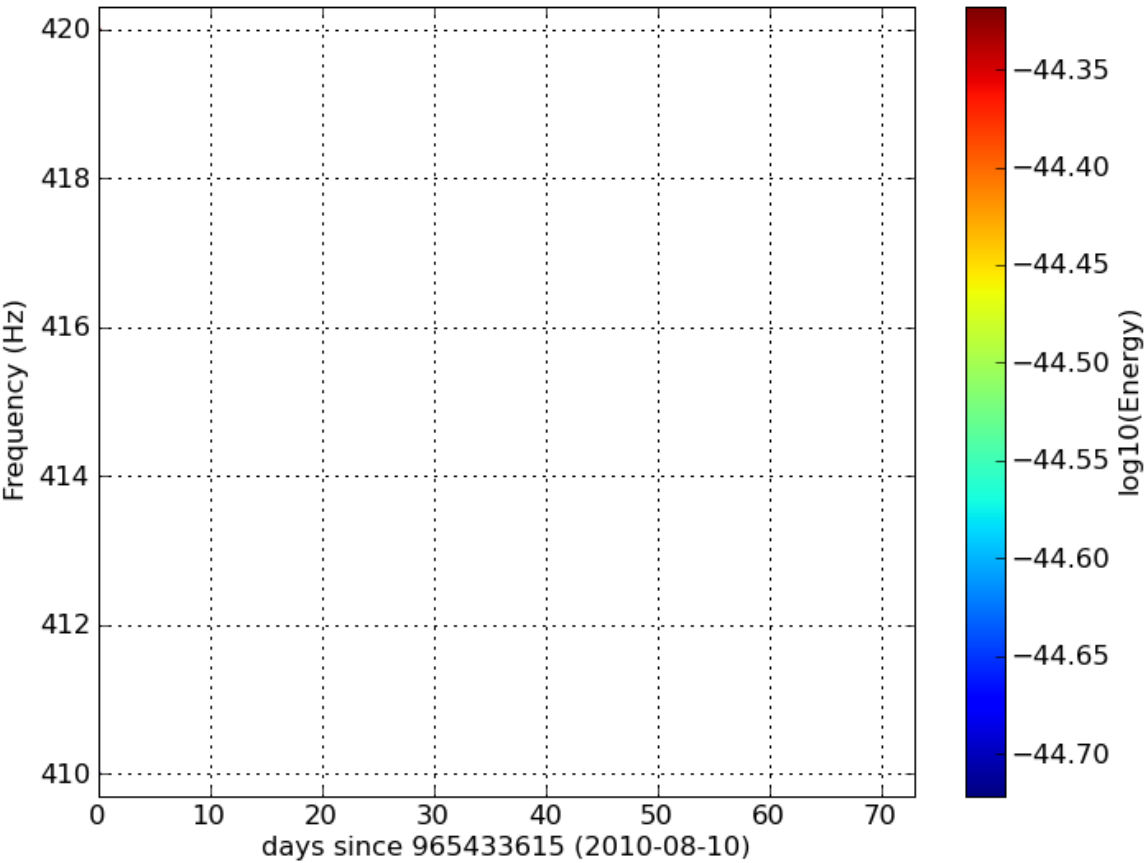


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
26654	400.000	[399.998, 400.004]	2010-08-10/2010-10-19 0.72	0.40	6.97	0.001	Em_MABDWE01(97.9%) Em_MABDCE01(97.9%) Em_SEDBDL03(97.9%) Em_MABDMC02(97.9%) Em_SEBDWE01(97.9%) Em_MABDNE01(87.2%) Em_SETCSNI02(87.2%) Em_ACTCSNI(80.9%) Em_SEBDNE02(27.7%) TCS_NI_Power(14.9%) Em_SE_EIB_04(8.5%)	Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
149596	400.595	[400.594, 400.596]	2010-08-17/2010-10-18 0.22	0.41	6.68	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[410 - 420 Hz] (0 lines found)

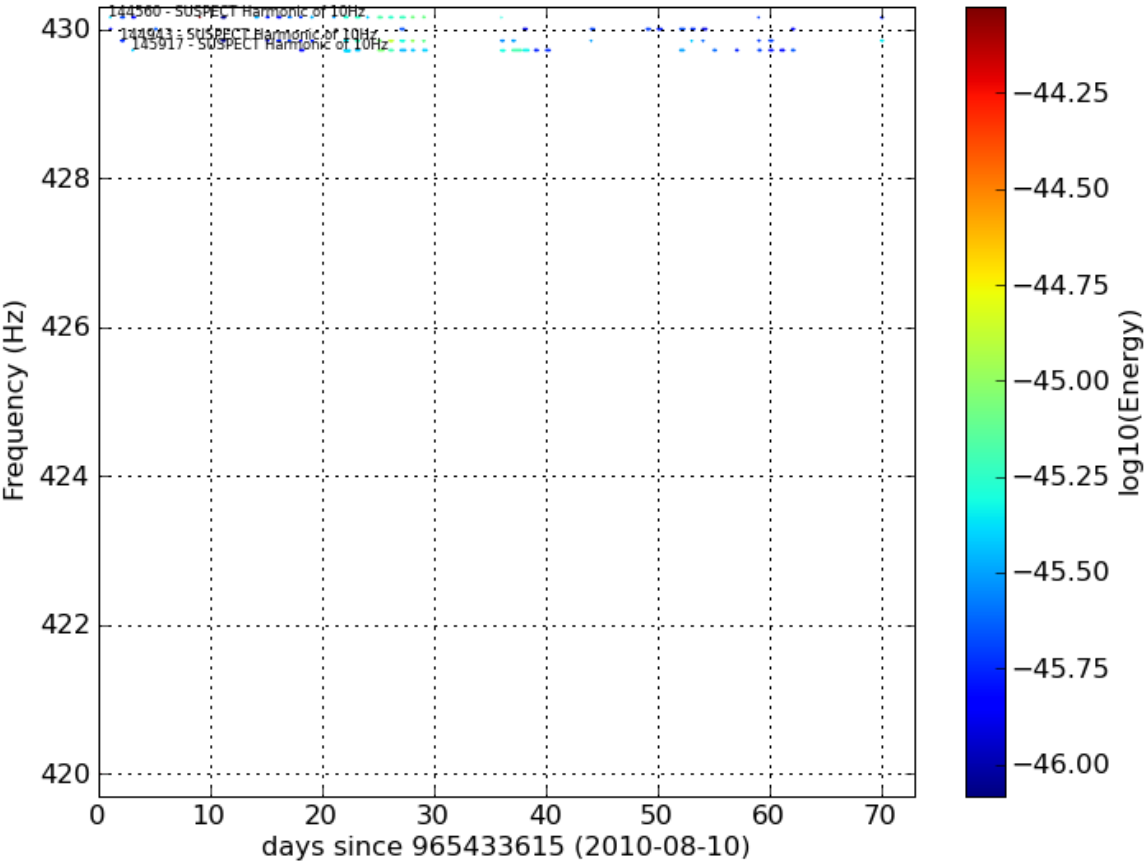
Lines trend - 410\_420



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**[420 - 430 Hz] (2 lines found)**

Lines trend - 420\_430

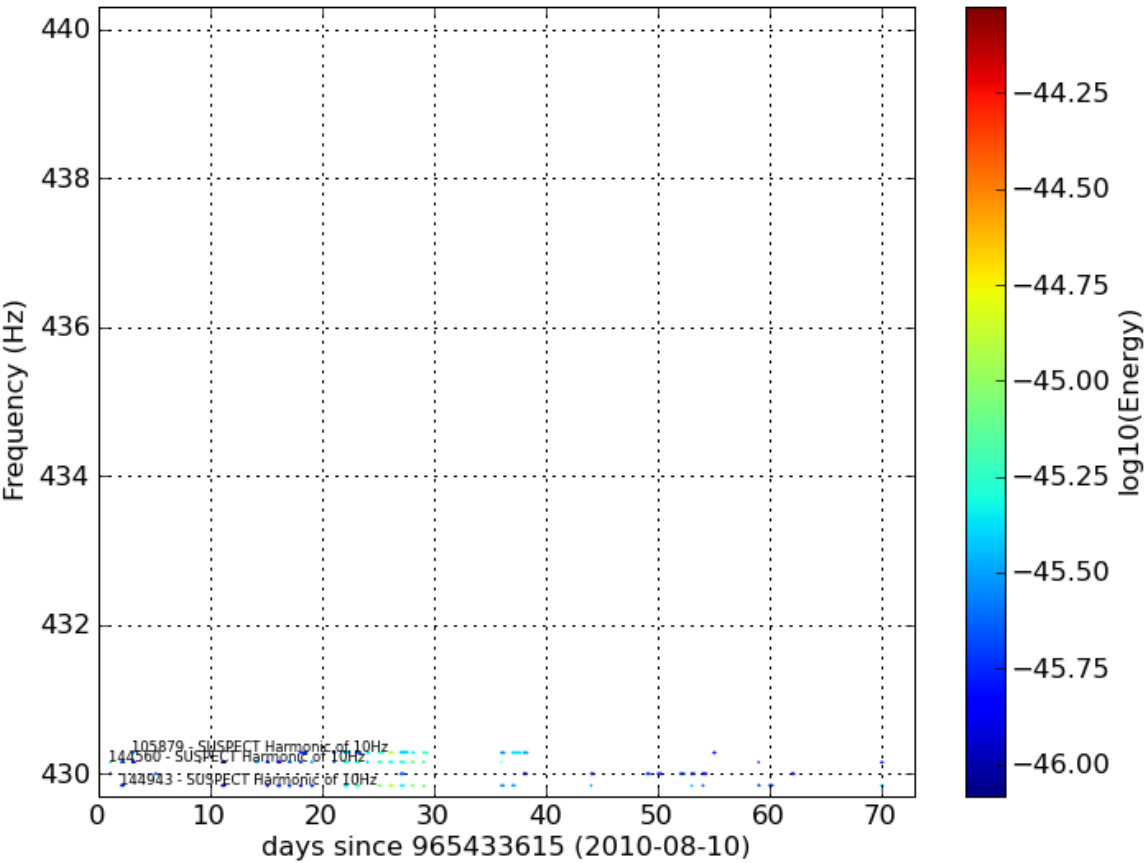


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
145917	429.715	[429.702, 429.716]	2010-08-13/2010-10-11 0.32	0.38	6.41	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144943	429.843	[429.840, 429.847]	2010-08-12/2010-10-19 0.34	0.24	6.85	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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**[430 - 440 Hz] (2 lines found)**

Lines trend - 430\_440

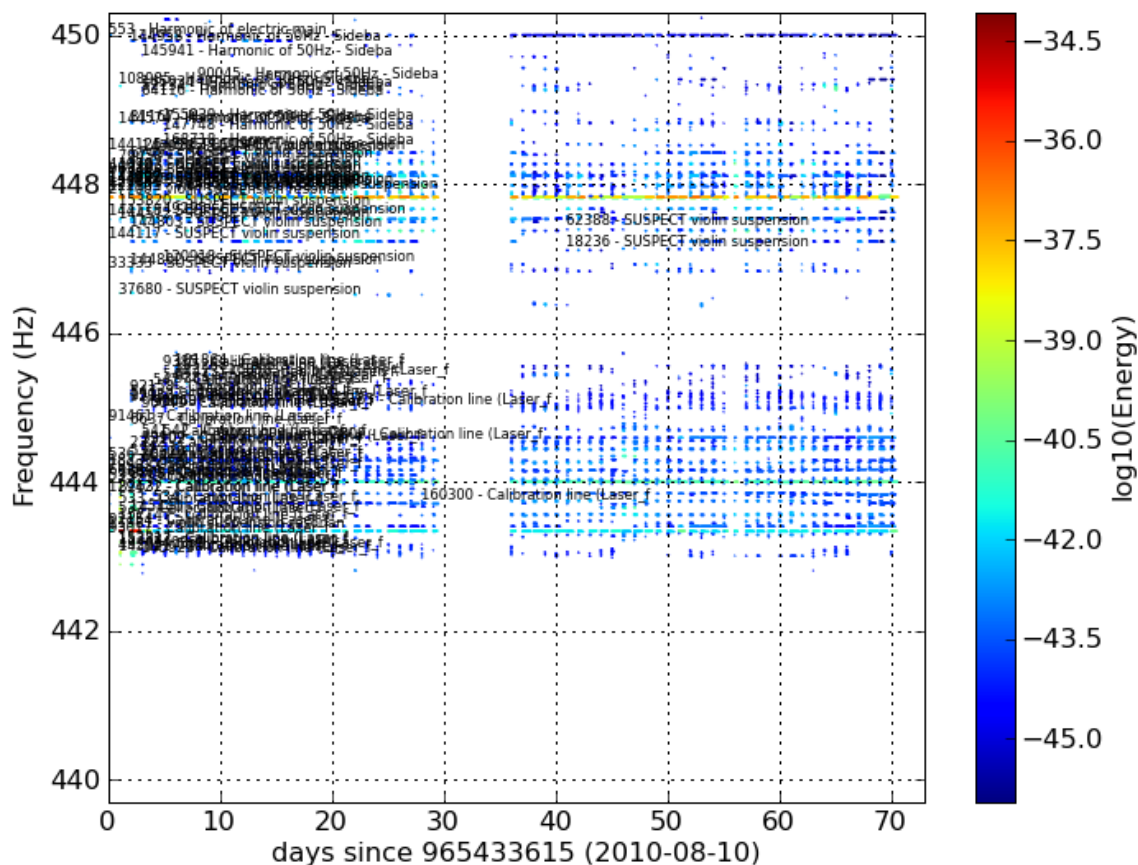


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
144560	430.157	[430.154, 430.162]	2010-08-11/2010-10-19 0.35	0.23	7.38	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
105879	430.285	[430.285, 430.299]	2010-08-13/2010-10-04 0.23	0.41	7.06	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[440 - 450 Hz] (99 lines found)

Lines trend - 440\_450



<b>Id</b>	<b>Mean Frequency (Hz)</b>	<b>Frequency range (Hz)</b>	<b>First/last seen Presence</b>	<b>Mean pers</b>	<b>Mean CR</b>	<b>Mean sigma (Hz)</b>	<b>Coincident auxiliary channels</b>	<b>Metadata</b>	<b>Verbose dump</b>	<b>Plot Time-Frequency</b>	<b>Plot Time-Ampli</b>
145923	443.025	[442.978, 443.100]	2010-08-13/2010-10-19 0.66	0.11	6.69	0.006		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145921	443.049	[443.012, 443.100]	2010-08-11/2010-10-19 0.25	0.13	7.28	0.006		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
49293	443.068	[443.021, 443.148]	2010-08-11/2010-10-15 0.58	0.11	7.06	0.012		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
146859	443.088	[443.009, 443.160]	2010-08-14/2010-10-19 0.43	0.10	7.20	0.010		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
152323	443.124	[442.772, 443.335]	2010-08-11/2010-10-15 0.75	0.13	8.39	0.007		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
153817	443.154	[443.093, 443.277]	2010-08-11/2010-09-26 0.38	0.11	6.76	0.005		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
93017	443.291	[443.191, 443.353]	2010-08-10/2010-10-19 0.60	0.29	140.46	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
11981	443.338	[443.293, 443.449]	2010-08-10/2010-10-19 1.00	0.51	101.88	0.003		violin suspension resonance (1st harmonics)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

92154	443.408	[443.395, 443.596]	2010-08-10/2010-10-19 0.82	0.51	14.72	0.002		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
152147	443.457	[443.444, 443.497]	2010-08-11/2010-10-19 0.35	0.19	6.67	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
532	443.550	[443.488, 443.575]	2010-08-11/2010-10-19 0.68	0.23	10.95	0.008		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145440	443.566	[443.540, 443.583]	2010-08-12/2010-10-19 0.45	0.16	9.59	0.007		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
533	443.679	[443.627, 443.707]	2010-08-11/2010-10-19 0.34	0.25	10.67	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
534	443.716	[443.702, 443.765]	2010-08-14/2010-10-19 0.63	0.49	8.88	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
160300	443.736	[443.663, 443.761]	2010-09-07/2010-10-19 0.45	0.19	9.89	0.012	Em_SE_BrewINJ(6.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
82632	443.830	[443.791, 443.863]	2010-08-11/2010-10-18 0.48	0.30	6.93	0.002		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
129421	443.840	[443.332, 444.314]	2010-08-10/2010-10-19 1.00	0.29	10.52	0.004		Calibration line (Laser_freq)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
2321	443.979	[443.908, 444.001]	2010-08-11/2010-10-17 0.52	0.30	39.21	0.004	TCS_WI_Power(11.8%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
535	443.998	[443.967, 444.054]	2010-08-10/2010-10-19 0.95	0.57	98.47	0.005	TCS_WI_Power(29.0%)	Calibration line (Laser_freq)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
3808	444.027	[443.960, 444.169]	2010-08-12/2010-10-19 0.72	0.17	8.04	0.012	TCS_WI_Power(16.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
26669	444.046	[444.011, 444.114]	2010-08-11/2010-10-12 0.32	0.13	6.33	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
6636	444.064	[444.000, 444.146]	2010-08-10/2010-10-19 0.55	0.29	11.19	0.008	TCS_WI_Power(19.4%)	Calibration line (Laser_freq)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
7990	444.121	[444.009, 444.203]	2010-08-10/2010-10-18 0.55	0.26	7.24	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
55955	444.160	[444.125, 444.204]	2010-08-13/2010-10-19 0.91	0.27	9.58	0.003	Em_SEDBDL03(7.0%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
18233	444.185	[444.091, 444.296]	2010-08-10/2010-10-19 0.54	0.34	9.02	0.002	Em_SE_EIB_04(20.0%) Em_SEDBDL03(11.4%) Em_SETODE01(5.7%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
86448	444.257	[444.243, 444.282]	2010-08-13/2010-10-19 0.66	0.15	9.63	0.014		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
		[444.196,	2010-08-10/2010-					Calibration line			<a href="#">plot t-</a>

536	444.282	444.322]	10-19 0.68	0.36	10.47	0.004		(Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">a</a>
26670	444.294	[444.280, 444.317]	2010-08- 13/2010- 10-18 0.57	0.29	8.50	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
537	444.325	[444.306, 444.358]	2010-08- 12/2010- 10-19 0.51	0.16	8.74	0.006		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
2322	444.436	[444.347, 444.557]	2010-08- 12/2010- 10-19 0.92	0.19	9.95	0.008		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
23102	444.476	[444.419, 444.513]	2010-08- 13/2010- 10-19 0.37	0.25	7.17	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
39909	444.494	[444.475, 444.510]	2010-08- 13/2010- 10-09 0.35	0.12	6.85	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
540	444.520	[444.498, 444.566]	2010-08- 20/2010- 10-18 0.45	0.11	7.41	0.014	Em_ACTCSNI(6.9%) Em_ACBDCOE1(6.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
3809	444.552	[444.509, 444.565]	2010-08- 30/2010- 10-17 0.29	0.24	8.05	0.012	Em_ACBDCOE1(5.3%) Em_SETODE01(5.3%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
541	444.595	[444.593, 444.598]	2010-08- 13/2010- 10-19 0.89	0.52	16.34	0.001		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
542	444.600	[444.397, 445.067]	2010-08- 15/2010- 10-19 0.69	0.12	7.28	0.009	Em_ACTCSNI(8.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
6637	444.738	[444.681, 444.840]	2010-08- 12/2010- 10-19 0.37	0.12	7.55	0.011	Em_ACTCSNI(6.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
91461	444.795	[444.434, 445.314]	2010-08- 10/2010- 10-19 0.72	0.13	7.29	0.008		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
90041	444.967	[444.935, 445.047]	2010-08- 13/2010- 10-14 0.31	0.10	6.34	0.007	Em_ACBDCOE1(10.0%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
91460	444.981	[444.909, 445.055]	2010-08- 14/2010- 10-19 0.57	0.09	6.46	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
90043	444.996	[444.963, 445.031]	2010-08- 14/2010- 10-19 0.52	0.13	6.97	0.007		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
92155	445.021	[444.974, 445.095]	2010-08- 30/2010- 10-18 0.35	0.10	6.48	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
92156	445.045	[444.845, 445.197]	2010-08- 12/2010- 10-18 0.86	0.11	6.38	0.006		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
150222	445.084	[444.987, 445.228]	2010-08- 12/2010- 10-19 0.78	0.10	6.38	0.005		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
150224	445.116	[445.094, 445.164]	2010-08- 18/2010- 10-19	0.10	6.65	0.010	Em_SEDBDL03(5.6%)	Calibration line (Laser_freq)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>

			0.28					- Sidebands			
543	445.132	[445.021, 445.229]	2010-08-12/2010-10-19 0.78	0.11	6.53	0.006		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
92158	445.193	[445.141, 445.239]	2010-08-12/2010-10-18 0.69	0.10	6.49	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
547	445.273	[445.223, 445.315]	2010-08-14/2010-10-17 0.23	0.09	6.01	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
9384	445.298	[445.275, 445.316]	2010-08-16/2010-10-09 0.25	0.09	6.23	0.002		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
548	445.333	[445.301, 445.360]	2010-08-15/2010-10-17 0.28	0.10	6.18	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
34423	445.383	[445.351, 445.411]	2010-08-16/2010-10-16 0.20	0.09	6.16	0.003		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
116858	445.417	[445.395, 445.459]	2010-08-20/2010-10-17 0.22	0.10	6.40	0.006	Em_MABDMC02(5.9%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
105268	445.466	[445.417, 445.590]	2010-08-16/2010-10-19 0.34	0.11	8.47	0.008	Em_ACBDWE01(7.1%)	Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
9385	445.520	[445.494, 445.562]	2010-08-15/2010-10-19 0.28	0.11	7.36	0.004		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
101864	445.552	[445.513, 445.573]	2010-08-16/2010-10-19 0.37	0.13	6.51	0.005		Calibration line (Laser_freq) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
37680	446.458	[446.354, 446.541]	2010-08-11/2010-10-15 0.20	0.11	9.29	0.013	Em_AC_EIB(15.4%) Em_ACBDCE01(7.7%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
33333	446.831	[446.803, 446.881]	2010-08-10/2010-10-16 0.60	0.11	6.53	0.004	Em_AC_EIB(5.4%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144802	446.865	[446.839, 446.887]	2010-08-12/2010-10-14 0.26	0.10	6.61	0.005	Em_ACTCSNI(5.9%) Em_MABDMC02(5.9%) Em_SE_BrewINJ(5.9%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
120918	446.912	[446.868, 446.934]	2010-08-15/2010-10-13 0.23	0.12	7.37	0.007	Em_ACTCSNI(5.6%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
18236	447.119	[447.106, 447.136]	2010-09-20/2010-10-16 0.26	0.12	7.96	0.008	Em_ACTCSNI(11.8%) Em_ACBDCE01(11.8%) Em_SETODE01(11.8%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

144117	447.227	[447.226, 447.230]	2010-08-10/2010-10-19 0.60	0.47	13.74	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144803	447.371	[447.343, 447.397]	2010-08-12/2010-10-19 0.83	0.17	9.67	0.007	Em_ACBDCOE01(8.3%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
62388	447.387	[447.381, 447.398]	2010-09-20/2010-10-17 0.28	0.15	7.61	0.004	Em_ACTCSNI(11.1%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144572	447.491	[447.474, 447.507]	2010-08-11/2010-10-14 0.35	0.29	6.96	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144118	447.533	[447.516, 447.539]	2010-08-10/2010-10-19 0.86	0.39	10.43	0.004	Em_ACBDCOE01(6.3%) Em_ACTCSNI(5.1%) Em_SETODE01(5.1%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
49295	447.549	[447.525, 447.573]	2010-08-15/2010-10-05 0.22	0.32	8.09	0.007	Em_ACTCSNI(14.3%) Em_ACBDCOE01(7.1%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
153820	447.664	[447.653, 447.669]	2010-08-11/2010-10-19 0.75	0.28	10.37	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
27700	447.821	[447.809, 447.854]	2010-08-10/2010-10-19 1.00	0.60	472.90	0.003		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
122103	447.863	[447.832, 447.904]	2010-08-10/2010-10-17 0.89	0.13	7.07	0.005	Em_SEDBDL03(6.8%) Em_SETODE01(5.7%)	violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
149138	447.888	[447.859, 447.904]	2010-08-17/2010-10-17 0.58	0.15	7.20	0.006	Em_SEDBDL03(27.9%) Em_SETODE01(27.9%) Em_SE_EIB_04(7.0%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
123851	447.912	[447.900, 447.923]	2010-08-10/2010-10-16 0.40	0.15	6.71	0.003	Em_SEDBDL03(11.5%) Em_SETODE01(11.5%) Em_SE_EIB_04(7.7%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
126163	447.938	[447.915, 447.950]	2010-08-13/2010-10-16	0.09	6.33	0.004		SUSPECT violin suspension resonance	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

			0.23					(1st harmonic) - Sidebands			
40879	447.957	[447.940, 447.962]	2010-08-12/2010-10-16 0.31	0.17	6.89	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144122	447.968	[447.956, 447.984]	2010-08-10/2010-10-19 0.72	0.36	9.16	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
143592	447.979	[447.975, 447.992]	2010-08-10/2010-10-19 0.91	0.31	15.00	0.003	Em_SE_EIB_04(5.1%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144573	448.000	[447.981, 448.027]	2010-08-11/2010-10-17 0.57	0.19	7.13	0.004	Em_SE_EIB_04(55.3%) Em_ACTCSNI(6.4%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
127860	448.020	[448.004, 448.033]	2010-08-10/2010-10-19 0.48	0.13	7.34	0.007	Em_SE_EIB_04(6.5%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
96346	448.078	[448.046, 448.096]	2010-08-10/2010-10-16 0.45	0.13	7.72	0.008		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
38806	448.110	[448.086, 448.131]	2010-08-11/2010-10-19 0.98	0.45	13.55	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
44090	448.136	[448.120, 448.155]	2010-08-10/2010-10-19 0.55	0.15	8.00	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
13193	448.151	[448.122, 448.172]	2010-08-11/2010-10-19 0.75	0.25	8.64	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
79458	448.268	[448.231, 448.286]	2010-08-11/2010-10-19 0.98	0.16	10.19	0.009	Em_ACTCSNI(7.5%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
67494	448.309	[448.284, 448.334]	2010-08-12/2010-10-19	0.12	7.54	0.006		SUSPECT violin suspension resonance (1st	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

			0.49					harmonic) - Sidebands			
145928	448.392	[448.392, 448.404]	2010-08-13/2010-10-06 0.25	0.31	9.10	0.002	Em_SEDBDL03(18.8%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
146862	448.404	[448.399, 448.409]	2010-08-14/2010-09-27 0.25	0.16	7.94	0.002	Em_SEDBDL03(6.2%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144126	448.418	[448.416, 448.423]	2010-08-10/2010-10-19 0.74	0.40	13.98	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
168718	448.531	[448.511, 448.563]	2010-08-15/2010-10-17 0.43	0.13	7.66	0.007		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
147748	448.725	[448.719, 448.734]	2010-08-15/2010-10-19 0.26	0.12	7.60	0.005		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144574	448.812	[448.780, 448.837]	2010-08-11/2010-10-17 0.66	0.13	6.99	0.006		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
81167	448.833	[448.811, 448.849]	2010-08-12/2010-10-12 0.48	0.10	6.50	0.005		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
155929	448.864	[448.853, 448.870]	2010-08-15/2010-10-19 0.31	0.11	6.40	0.002		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
64116	449.193	[449.164, 449.238]	2010-08-13/2010-10-09 0.25	0.10	6.45	0.005		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
52134	449.246	[449.200, 449.276]	2010-08-13/2010-10-19 0.20	0.09	7.24	0.003		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145934	449.293	[449.250, 449.341]	2010-08-13/2010-10-15 0.22	0.10	7.68	0.009	Em_ACBDNE01(5.9%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
108985	449.341	[449.243, 449.402]	2010-08-11/2010-10-17 0.37	0.13	7.95	0.005		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
90045	449.405	[449.403, 449.407]	2010-08-18/2010-10-19 0.20	0.32	6.50	0.001	Em_SE_BrewINJ(7.7%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145941	449.718	[449.684, 449.753]	2010-08-13/2010-10-19 0.22	0.09	6.92	0.004	Em_ACBDNE01(7.1%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144958	449.922	[449.916, 449.923]	2010-08-12/2010-08-26 0.23	0.42	13.28	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
							Em_MABDWE01(100.0%) Em_ACTCSNI(100.0%)				

[450 - 460 Hz] (51 lines found)

[https://www.casina.virgo.infn.it/DataAnalysis/Noise/VSR3\\_Hrec\\_1mHz\\_KNOWN/lines\\_0400\\_0600.html](https://www.casina.virgo.infn.it/DataAnalysis/Noise/VSR3_Hrec_1mHz_KNOWN/lines_0400_0600.html)[04/11/2013 17:33:46]

86451	450.594	[450.594, 450.596]	17/2010-10-18 0.22	0.36	6.56	0.001		of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
152747	451.016	[451.003, 451.027]	2010-08-22/2010-10-19 0.20	0.16	7.84	0.004		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
70896	451.142	[451.132, 451.155]	2010-08-13/2010-10-19 0.20	0.10	7.51	0.004		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
100583	451.423	[451.419, 451.429]	2010-08-13/2010-10-11 0.35	0.24	9.41	0.002		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
65829	451.443	[451.442, 451.446]	2010-08-10/2010-10-19 0.69	0.33	15.12	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144576	452.012	[452.004, 452.033]	2010-08-11/2010-10-19 0.98	0.64	231.20	0.007		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
137565	452.025	[452.020, 452.031]	2010-08-24/2010-10-15 0.28	0.11	7.32	0.003		SUSPECT broad noise close to violin suspension resonances	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
137086	452.603	[452.594, 452.622]	2010-08-10/2010-10-19 1.00	0.57	181.65	0.008		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
67498	452.621	[452.614, 452.631]	2010-08-28/2010-10-17 0.32	0.10	6.81	0.005		SUSPECT broad noise close to violin suspension resonances	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
9398	454.311	[454.310, 454.315]	2010-08-12/2010-10-07 0.34	0.51	27.04	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
50190	454.330	[454.323, 454.342]	2010-08-13/2010-10-19 0.28	0.38	10.32	0.002	Em_ACTCSNI(5.6%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
84148	454.634	[454.600, 454.676]	2010-08-13/2010-10-19 0.74	0.37	13.39	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
150228	454.652	[454.629, 454.656]	2010-08-18/2010-10-17 0.34	0.25	7.97	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
		[454.872,	2010-08-13/2010-					SUSPECT violin suspension resonance			<a href="#">plot t-</a>

108987	454.927	454.963]	10-08 0.28	0.10	7.25	0.005		(1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">a</a>
144128	455.058	[455.054, 455.064]	2010-08- 10/2010- 10-11 0.20	0.16	9.16	0.003	Em_ACBDWE01 (7.7%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
72565	456.939	[456.914, 456.960]	2010-08- 12/2010- 09-07 0.25	0.10	6.92	0.007		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
156384	457.160	[457.159, 457.161]	2010-08- 29/2010- 10-16 0.22	0.32	8.79	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
48237	457.337	[457.335, 457.351]	2010-08- 13/2010- 09-15 0.25	0.39	18.29	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
154102	457.350	[457.343, 457.357]	2010-08- 28/2010- 10-13 0.20	0.11	7.61	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
80333	457.481	[457.472, 457.503]	2010-08- 11/2010- 10-12 0.35	0.16	9.46	0.007		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
60550	457.602	[457.599, 457.635]	2010-08- 11/2010- 08-26 0.20	0.33	7.64	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
67501	457.646	[457.632, 457.652]	2010-08- 11/2010- 10-13 0.42	0.51	10.99	0.007		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
9406	457.658	[457.657, 457.660]	2010-08- 27/2010- 10-19 0.32	0.52	12.87	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
								SUSPECT violin			

144582	457.773	[457.758, 457.778]	2010-08-11/2010-10-17 0.37	0.24	8.48	0.002		suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
147321	457.802	[457.775, 457.825]	2010-08-16/2010-10-19 0.60	0.20	9.73	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
6642	457.932	[457.920, 457.948]	2010-08-10/2010-10-19 1.00	0.57	778.41	0.004		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
86453	457.955	[457.945, 457.963]	2010-08-10/2010-10-17 0.38	0.20	9.48	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144963	457.967	[457.943, 457.983]	2010-08-11/2010-10-19 0.85	0.38	9.00	0.004		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
136628	457.998	[457.986, 458.007]	2010-08-12/2010-10-18 0.34	0.17	8.47	0.007		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144129	458.096	[458.080, 458.110]	2010-08-10/2010-10-19 0.80	0.27	10.49	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
67502	458.216	[458.212, 458.230]	2010-08-12/2010-09-06 0.28	0.63	15.86	0.007		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144130	458.251	[458.221, 458.273]	2010-08-10/2010-10-19 1.00	0.50	780.78	0.002		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
120926	458.294	[458.282, 458.308]	2010-08-13/2010-10-17 0.46	0.14	7.17	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
129983	458.320	[458.312, 458.324]	2010-08-27/2010-10-17 0.43	0.15	7.20	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
								SUSPECT			

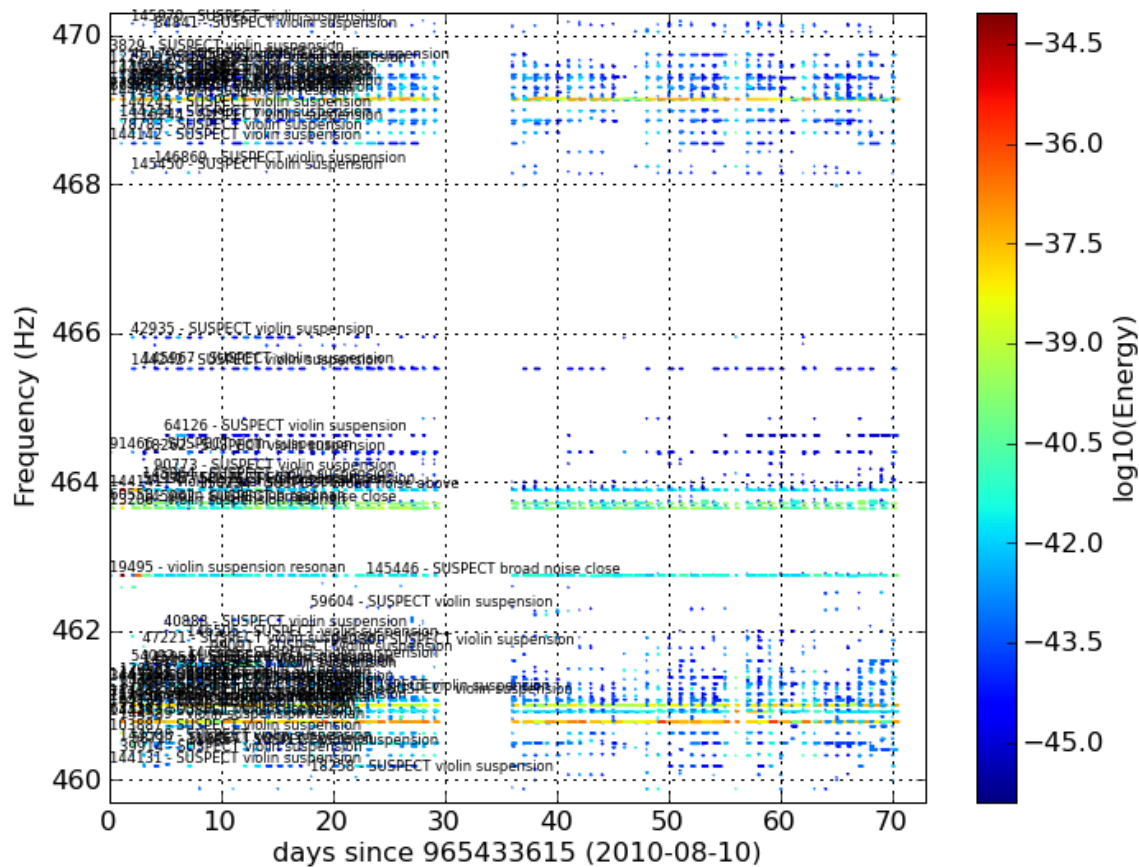
128385	458.375	[458.362, 458.394]	2010-08-13/2010-10-16 0.25	0.11	7.48	0.005		violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
25444	458.395	[458.366, 458.437]	2010-08-11/2010-10-19 0.89	0.25	9.20	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
88707	458.418	[458.406, 458.439]	2010-08-11/2010-10-19 0.75	0.24	11.77	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
155931	458.451	[458.445, 458.457]	2010-08-27/2010-10-19 0.25	0.14	7.54	0.004	Em_MABDNE01(6.2%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
2339	458.507	[458.500, 458.518]	2010-08-13/2010-10-09 0.48	0.19	8.81	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
69237	458.525	[458.520, 458.527]	2010-08-11/2010-09-23 0.28	0.43	19.43	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
87978	458.543	[458.525, 458.566]	2010-08-10/2010-10-19 0.80	0.38	11.69	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
116241	458.570	[458.564, 458.582]	2010-08-29/2010-10-19 0.29	0.12	8.29	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
14473	458.583	[458.577, 458.585]	2010-08-11/2010-10-19 0.37	0.25	7.95	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
3823	458.713	[458.694, 458.733]	2010-08-10/2010-10-19 0.97	0.48	63.64	0.006		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
								SUSPECT violin			

156917	458.750	[458.742, 458.774]	2010-08-29/2010-10-17 0.29	0.11	7.33	0.004		suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
6645	458.847	[458.833, 458.850]	2010-08-10/2010-10-19 0.46	0.38	12.22	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145443	458.949	[458.931, 458.964]	2010-08-15/2010-10-16 0.29	0.11	6.76	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
118657	459.339	[459.309, 459.365]	2010-08-14/2010-10-19 0.25	0.10	9.32	0.007	Em_ACBDWE01 (5.6%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
18257	459.734	[459.728, 459.747]	2010-08-10/2010-10-19 1.00	0.67	80.33	0.005		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
106429	459.777	[459.751, 459.812]	2010-08-14/2010-10-15 0.42	0.11	6.65	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

[Up to top of page](#)

**[460 - 470 Hz] (81 lines found)**

Lines trend - 460\_470



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
18258	460.066	[460.031, 460.103]	2010-08-28/2010-10-15 0.20	0.11	8.17	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144131	460.185	[460.184, 460.187]	2010-08-10/2010-10-19 0.45	0.44	11.61	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
39914	460.331	[460.290, 460.351]	2010-08-11/2010-10-19 0.74	0.17	9.98	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
116867	460.409	[460.407, 460.412]	2010-08-17/2010-10-19 0.25	0.34	10.13	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
58717	460.450	[460.432, 460.477]	2010-08-12/2010-10-17 0.28	0.28	8.00	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144588	460.491	[460.471, 460.557]	2010-08-11/2010-10-19 0.82	0.38	9.62	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
103887	460.626	[460.611, 460.638]	2010-08-10/2010-10-19	0.27	9.80	0.002		SUSPECT violin suspension resonance (1st harmonic) -	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

			0.77					Sidebands			
144589	460.777	[460.762, 460.794]	2010-08-11/2010-10-19 0.98	0.59	810.02	0.003		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144133	460.820	[460.817, 460.825]	2010-08-10/2010-10-14 0.23	0.12	6.81	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
63336	460.846	[460.840, 460.857]	2010-08-10/2010-10-19 0.32	0.17	7.68	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
92169	460.920	[460.910, 460.933]	2010-08-11/2010-10-19 0.98	0.59	139.51	0.002		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144135	460.937	[460.933, 460.946]	2010-08-10/2010-10-19 0.69	0.24	12.20	0.003		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144967	460.992	[460.964, 461.006]	2010-08-12/2010-10-19 0.37	0.20	53.54	0.002		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
71703	461.004	[460.996, 461.024]	2010-08-10/2010-10-19 1.00	0.82	1103.96	0.002		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144136	461.016	[461.011, 461.050]	2010-08-10/2010-10-18 0.52	0.18	7.64	0.004		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
99814	461.038	[461.011, 461.050]	2010-08-15/2010-10-17 0.31	0.11	7.77	0.008		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
71704	461.067	[461.032, 461.096]	2010-08-10/2010-10-18 0.92	0.36	11.70	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144138	461.086	[461.033, 461.111]	2010-08-10/2010-10-19 0.32	0.14	9.14	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
110907	461.097	[461.085, 461.112]	2010-08-29/2010-10-15 0.23	0.13	7.37	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145445	461.111	[461.094, 461.132]	2010-08-13/2010-10-16 0.40	0.23	8.45	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
108990	461.149	[461.147, 461.152]	2010-08-27/2010-10-19 0.29	0.21	9.24	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
87980	461.161	[461.156, 461.166]	2010-08-11/2010-10-19 0.49	0.20	9.23	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144590	461.223	[461.196, 461.262]	2010-08-11/2010-10-19 0.60	0.13	9.24	0.007		SUSPECT violin suspension resonance (1st harmonic) -	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

								Sidebands			
144968	461.235	[461.216, 461.258]	2010-08-12/2010-10-19 0.68	0.16	9.87	0.009		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144240	461.270	[461.220, 461.345]	2010-08-13/2010-10-18 0.65	0.11	7.37	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
34431	461.289	[461.283, 461.304]	2010-08-10/2010-10-19 0.71	0.34	9.72	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144139	461.300	[461.294, 461.307]	2010-08-10/2010-10-16 0.52	0.20	9.54	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144591	461.334	[461.329, 461.337]	2010-08-11/2010-10-19 0.25	0.18	7.13	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
120928	461.375	[461.367, 461.385]	2010-08-11/2010-10-19 0.57	0.35	12.92	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
57758	461.452	[461.421, 461.481]	2010-08-14/2010-10-18 0.52	0.15	8.52	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
148197	461.487	[461.444, 461.515]	2010-08-13/2010-10-19 0.48	0.14	8.02	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145954	461.531	[461.529, 461.534]	2010-08-13/2010-10-06 0.26	0.37	11.09	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
54092	461.552	[461.551, 461.559]	2010-08-12/2010-10-18 0.28	0.64	37.52	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
147324	461.598	[461.598, 461.601]	2010-08-17/2010-10-19 0.37	0.39	11.58	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
99091	461.687	[461.679, 461.716]	2010-08-19/2010-10-11 0.22	0.11	7.58	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
94236	461.770	[461.752, 461.778]	2010-08-30/2010-10-19 0.25	0.14	6.94	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
47221	461.795	[461.787, 461.803]	2010-08-13/2010-10-15 0.20	0.09	7.40	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
146505	461.873	[461.870, 461.875]	2010-08-17/2010-10-19 0.32	0.22	8.56	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

40888	462.000	[461.992, 462.009]	2010-08-15/2010-10-18 0.25	0.17	7.84	0.005	Em_MABDNE01(12.5%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
59604	462.284	[462.207, 462.320]	2010-08-28/2010-10-16 0.28	0.10	8.20	0.008		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
19495	462.742	[462.732, 462.755]	2010-08-10/2010-10-19 1.00	0.71	240.44	0.005		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145446	462.761	[462.754, 462.774]	2010-09-02/2010-10-18 0.26	0.09	6.50	0.003		SUSPECT broad noise close to violin suspension resonances	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
13206	463.647	[463.637, 463.656]	2010-08-10/2010-10-19 1.00	0.73	137.31	0.003		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
60553	463.707	[463.699, 463.751]	2010-08-10/2010-10-19 1.00	0.48	67.51	0.004		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145962	463.736	[463.702, 463.805]	2010-08-13/2010-10-18 0.82	0.10	7.71	0.008		SUSPECT broad noise close to violin suspension resonances	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144141	463.892	[463.879, 463.916]	2010-08-10/2010-10-19 1.00	0.50	97.52	0.002		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
150234	463.910	[463.895, 463.955]	2010-08-18/2010-10-17 0.37	0.13	9.43	0.005		SUSPECT broad noise above Violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
147758	463.921	[463.903, 463.949]	2010-08-15/2010-10-17 0.25	0.10	6.61	0.005	Em_ACTCSNI(6.2%) Em_SE_BrewINJ(6.2%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
54996	463.939	[463.904, 463.963]	2010-08-13/2010-10-17 0.45	0.12	6.89	0.004	Em_SE_BrewINJ(6.1%)	SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145964	463.997	[463.991, 464.009]	2010-08-13/2010-10-14 0.32	0.14	7.52	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
90773	464.095	[464.066, 464.117]	2010-08-14/2010-10-18 0.45	0.10	7.24	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
18262	464.381	[464.379, 464.384]	2010-08-13/2010-10-17 0.38	0.23	9.07	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
91466	464.400	[464.400, 464.404]	2010-08-10/2010-10-19 0.74	0.33	15.77	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
64126	464.625	[464.620, 464.626]	2010-08-15/2010-10-19 0.55	0.46	10.01	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

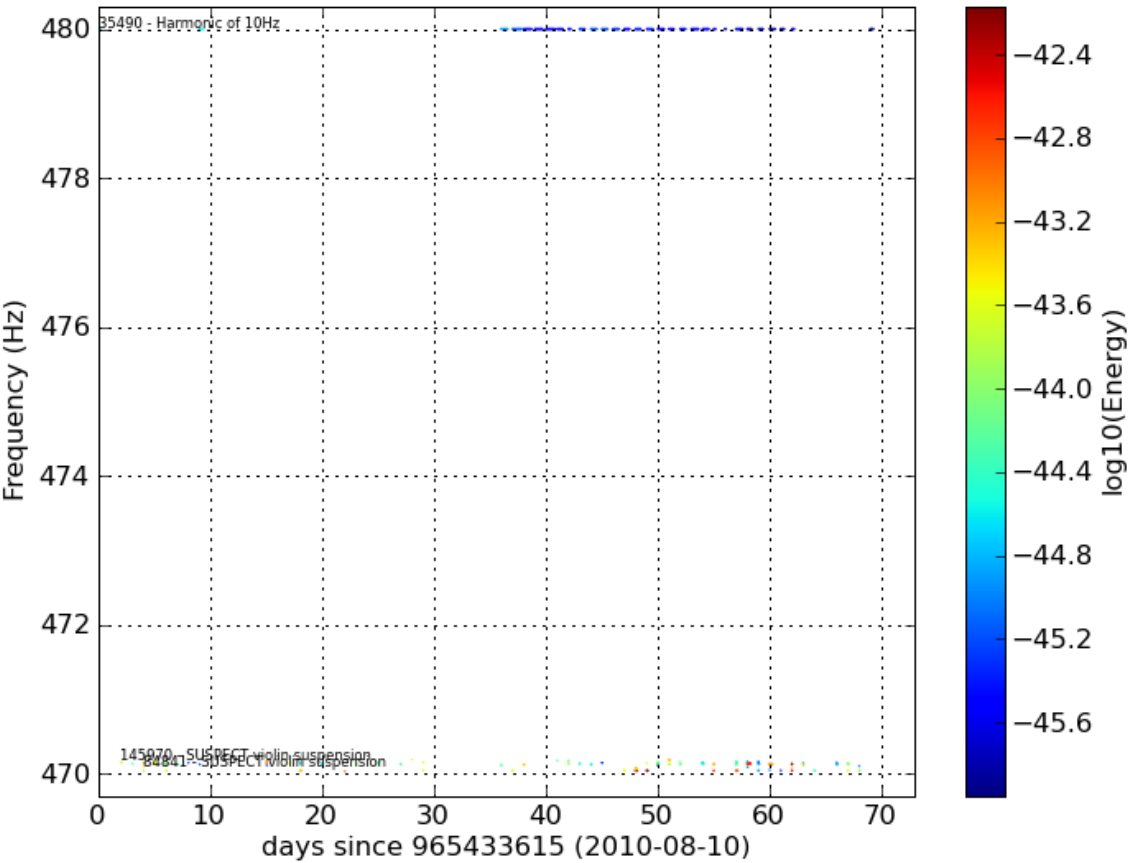
144242	465.519	[465.518, 465.520]	2010-08-12/2010-10-19 0.75	0.41	13.20	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145967	465.539	[465.539, 465.541]	2010-08-13/2010-10-12 0.23	0.20	8.39	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
42935	465.941	[465.936, 465.948]	2010-08-12/2010-10-11 0.35	0.28	13.25	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145450	468.147	[468.127, 468.167]	2010-08-12/2010-10-19 0.40	0.12	7.24	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
146869	468.237	[468.215, 468.242]	2010-08-14/2010-10-14 0.23	0.13	7.53	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144142	468.545	[468.543, 468.548]	2010-08-10/2010-10-19 0.55	0.45	14.21	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
78783	468.687	[468.661, 468.700]	2010-08-11/2010-10-19 0.85	0.17	9.66	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
116244	468.809	[468.808, 468.812]	2010-08-12/2010-10-15 0.25	0.34	6.73	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144244	468.849	[468.831, 468.857]	2010-08-11/2010-10-19 0.89	0.38	10.31	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144245	468.985	[468.970, 468.996]	2010-08-11/2010-10-19 0.82	0.29	9.78	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144143	469.138	[469.128, 469.166]	2010-08-10/2010-10-19 1.00	0.56	482.21	0.003		violin suspension resonance (1st harmonic)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
42067	469.177	[469.152, 469.198]	2010-08-12/2010-10-16 0.72	0.13	7.06	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
86461	469.206	[469.178, 469.220]	2010-08-10/2010-10-17 0.68	0.15	7.46	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
77977	469.230	[469.227, 469.238]	2010-08-10/2010-10-15 0.28	0.16	7.26	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
120934	469.282	[469.272, 469.286]	2010-08-12/2010-10-16 0.63	0.33	8.47	0.002		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
			2010-08-					SUSPECT violin suspension			

118082	469.297	[469.292, 469.313]	10/2010-10-19 0.92	0.31	14.85	0.003	Em_SEDBDL03(18.3%)	resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144599	469.314	[469.285, 469.414]	2010-08-11/2010-10-16 0.45	0.22	7.22	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
70904	469.338	[469.330, 469.351]	2010-08-12/2010-10-17 0.48	0.13	7.39	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
6653	469.395	[469.385, 469.405]	2010-08-13/2010-10-16 0.40	0.13	7.83	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144146	469.429	[469.415, 469.441]	2010-08-10/2010-10-19 0.97	0.41	13.44	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
13210	469.452	[469.430, 469.471]	2010-08-12/2010-10-19 0.62	0.15	8.79	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
116245	469.469	[469.450, 469.476]	2010-08-11/2010-10-19 0.65	0.27	8.84	0.003		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
56857	469.575	[469.564, 469.582]	2010-08-15/2010-10-15 0.35	0.14	9.26	0.005		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
122719	469.591	[469.578, 469.607]	2010-08-10/2010-10-19 0.91	0.17	10.52	0.008		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
45179	469.623	[469.600, 469.648]	2010-08-12/2010-10-17 0.38	0.11	7.49	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
150237	469.636	[469.616, 469.647]	2010-08-18/2010-10-17 0.38	0.11	7.67	0.006		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
3829	469.735	[469.733, 469.738]	2010-08-10/2010-10-19 0.71	0.41	14.79	0.001		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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**[470 - 480 Hz] (3 lines found)**

Lines trend - 470\_480

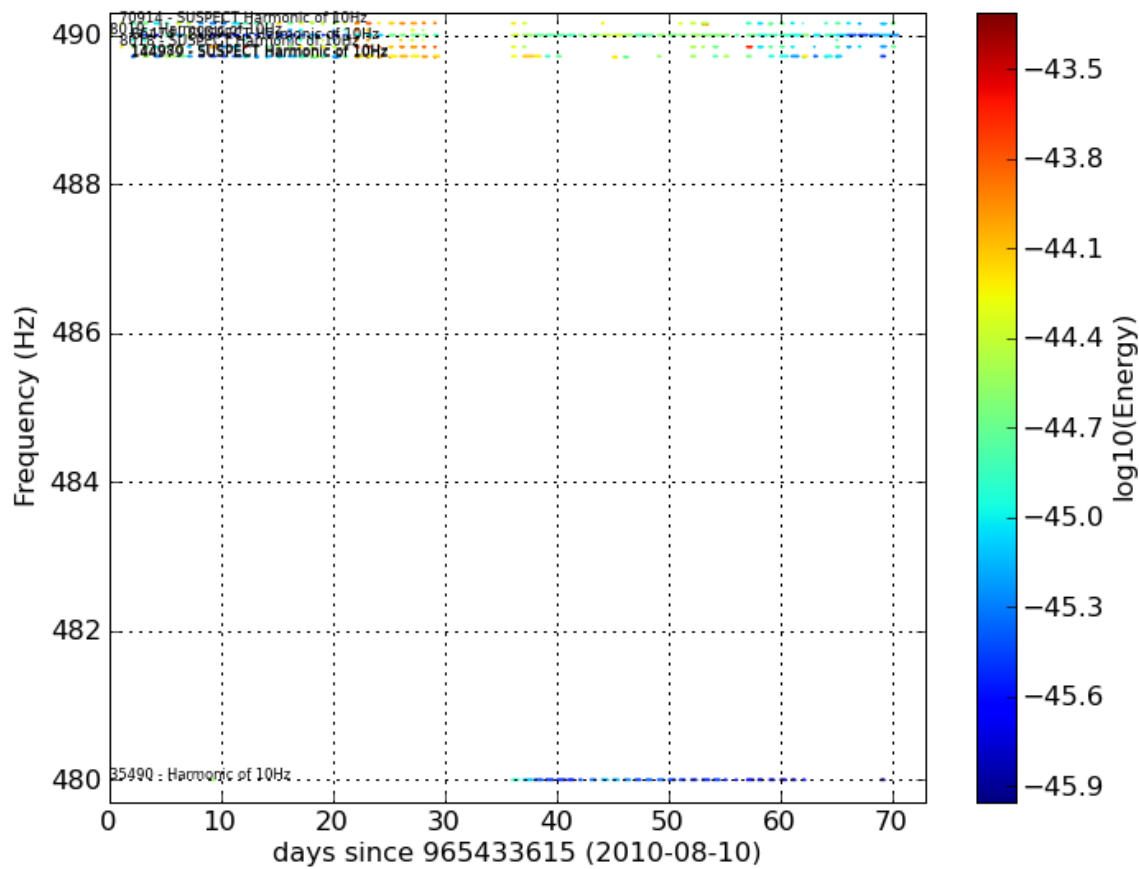


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
84841	470.043	[470.030, 470.052]	2010-08-14/2010-10-17 0.28	0.12	7.72	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145970	470.139	[470.120, 470.168]	2010-08-12/2010-10-16 0.55	0.12	6.84	0.004		SUSPECT violin suspension resonance (1st harmonic) - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
35490	480.000	[480.000, 480.001]	2010-08-10/2010-10-18 0.46	0.54	5.63	0.001	Em_SEDBDL03(100.0%) Em_SE_EIB_04(96.7%) Em_MABDCE01(93.3%) Em_MABDWE01(83.3%) Em_SETODE01(6.7%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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**[480 - 490 Hz] (6 lines found)**

Lines trend - 480\_490

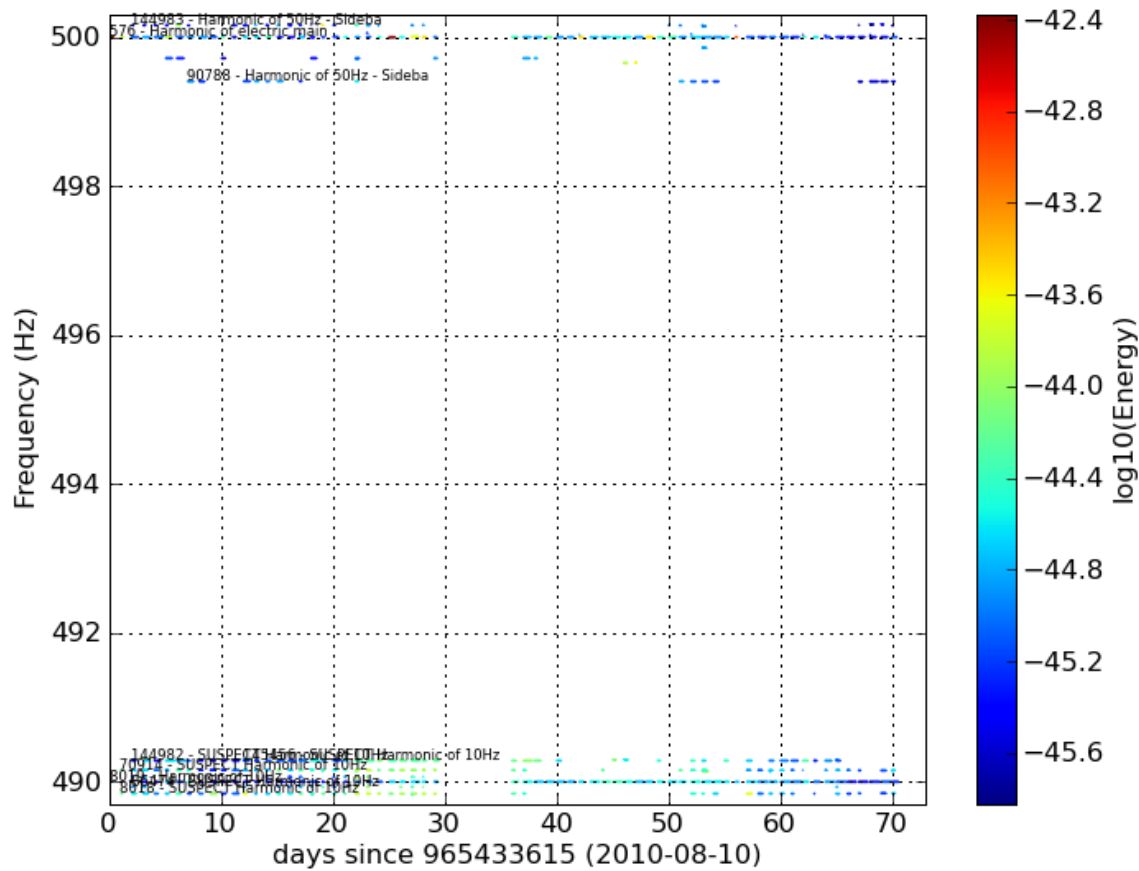


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
35490	480.000	[480.000, 480.001]	2010-08-10/2010-10-18 0.46	0.54	5.63	0.001	Em_SEDBDL03(100.0%) Em_SE_EIB_04(96.7%) Em_MABDCE01(93.3%) Em_MABDWE01(83.3%) Em_SETODE01(6.7%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144979	489.703	[489.701, 489.710]	2010-08-12/2010-10-14 0.31	0.26	8.52	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144980	489.715	[489.708, 489.716]	2010-08-12/2010-10-18 0.71	0.54	7.97	0.001		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
8018	489.843	[489.831, 489.847]	2010-08-11/2010-10-19 0.69	0.32	10.08	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
86474	489.932	[489.931, 489.936]	2010-08-12/2010-10-14 0.25	0.16	7.04	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
8019	490.000	[490.000, 490.001]	2010-08-10/2010-10-19 0.97	0.64	5.93	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(100.0%) Em_MABDWE01(47.6%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[490 - 500 Hz] (6 lines found)

Lines trend - 490\_500

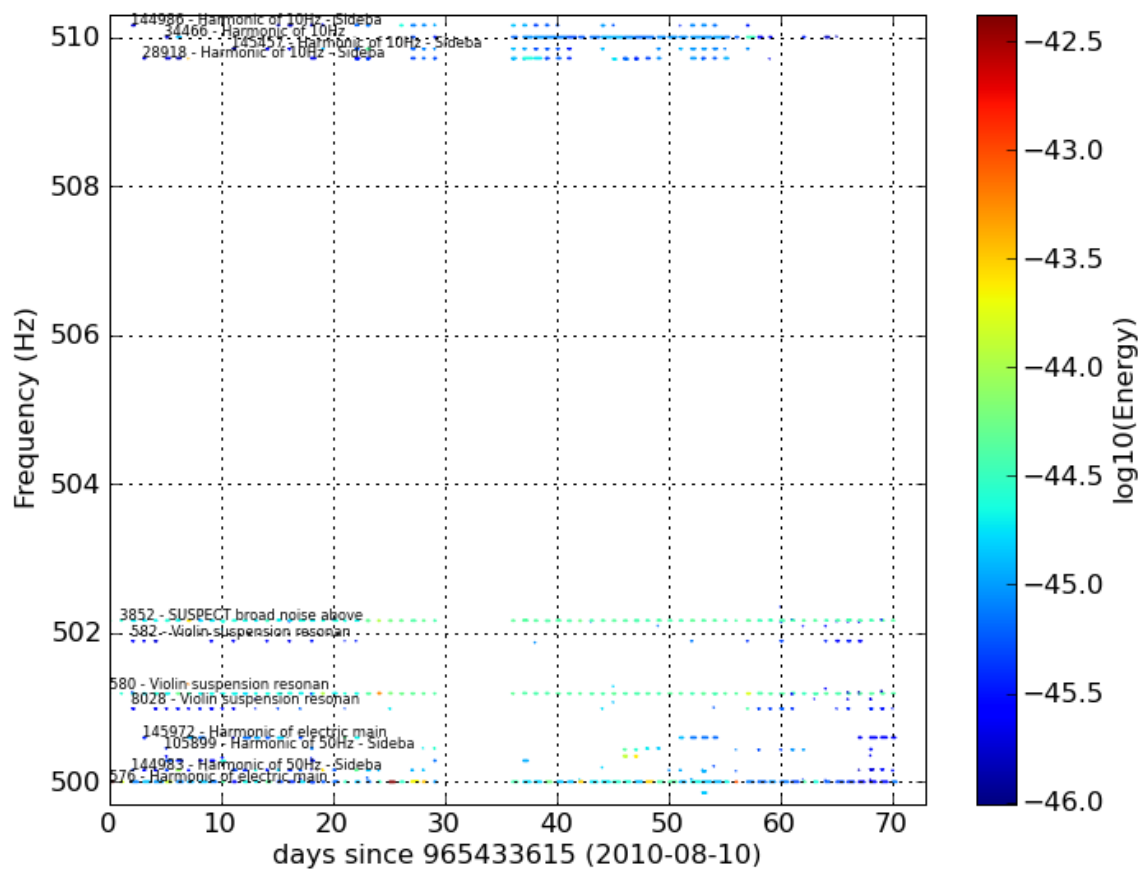


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
8019	490.000	[490.000, 490.001]	2010-08-10/2010-10-19 0.97	0.64	5.93	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(100.0%) Em_MABDWE01(47.6%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
70914	490.156	[490.145, 490.167]	2010-08-11/2010-10-19 0.72	0.31	9.58	0.002		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144982	490.285	[490.285, 490.286]	2010-08-12/2010-10-14 0.68	0.51	7.75	0.001		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145456	490.296	[490.291, 490.299]	2010-08-22/2010-10-14 0.26	0.26	9.12	0.003		SUSPECT Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
90788	499.405	[499.400, 499.407]	2010-08-17/2010-10-19 0.25	0.45	7.36	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
576	500.000	[499.993, 500.007]	2010-08-10/2010-10-19 1.00	0.54	7.38	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDMC02(98.5%) Em_MABDNE01(90.8%) TCS_NI_Power(18.5%)	Harmonic of electric mains (50Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[500 - 510 Hz] (11 lines found)

Lines trend - 500\_510



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
576	500.000	[499.993, 500.007]	2010-08-10/2010-10-19 1.00	0.54	7.38	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDMC02(98.5%) Em_MABDNE01(90.8%) TCS_NI_Power(18.5%)	Harmonic of electric mains (50Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
144983	500.157	[500.145, 500.169]	2010-08-12/2010-10-19 0.45	0.19	6.37	0.002		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
105899	500.440	[500.430, 500.453]	2010-08-15/2010-10-17 0.22	0.16	6.57	0.004		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145972	500.594	[500.593, 500.598]	2010-08-13/2010-10-19 0.29	0.40	7.37	0.001		Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
8028	500.982	[500.980, 500.986]	2010-08-12/2010-10-19 0.38	0.17	5.91	0.002		Violin suspension resonance (3rd harmonics)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
580	501.187	[501.178, 501.195]	2010-08-10/2010-10-19	0.27	12.34	0.004	Em_ACBDWE01(9.2%)	Violin suspension resonance (3rd	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

[510 - 520 Hz] (6 lines found)

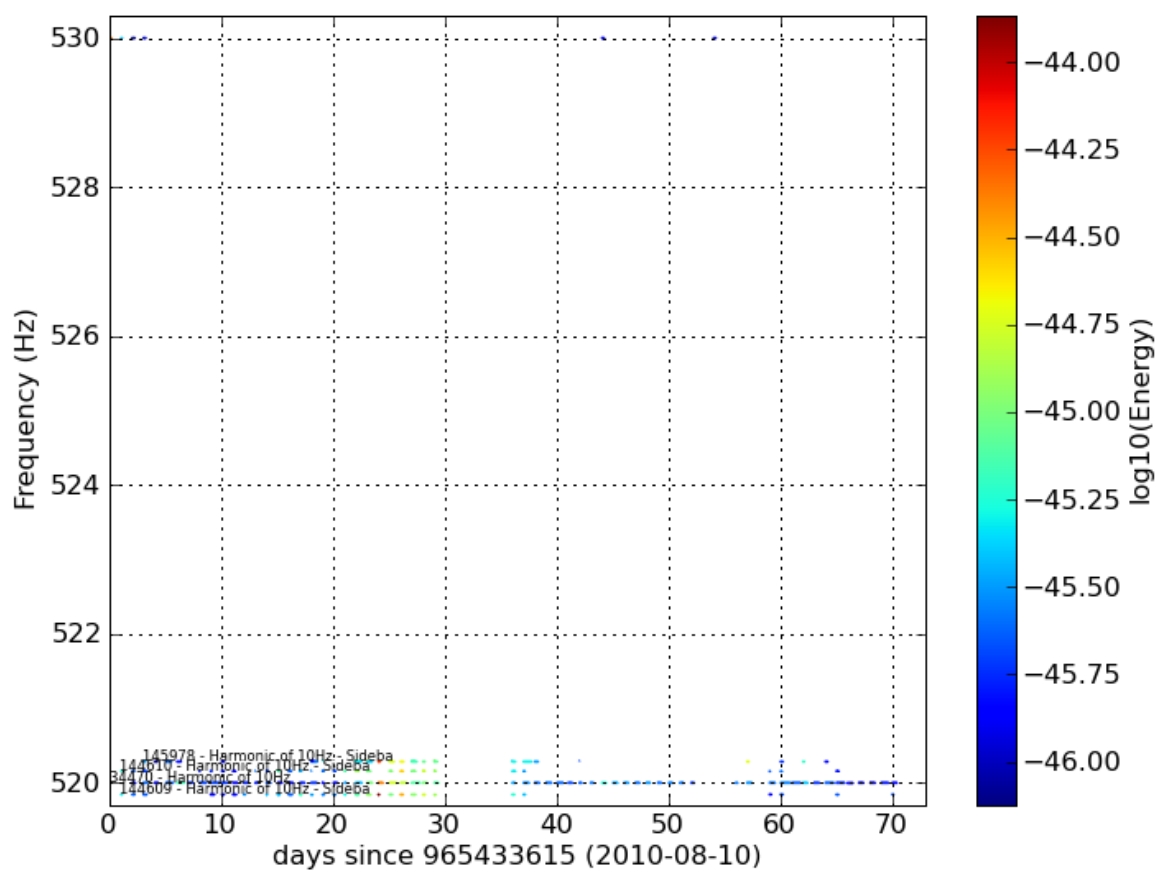
[https://www.cascina.virgo.infn.it/DataAnalysis/Noise/VSR3\\_Hrec\\_1mHz\\_KNOWN/lines\\_0400\\_0600.html](https://www.cascina.virgo.infn.it/DataAnalysis/Noise/VSR3_Hrec_1mHz_KNOWN/lines_0400_0600.html)[04/11/2013 17:33:46]

34466	510.000	510.006]	10-14 0.48	0.64	6.70	0.001	Em_MABDWE01(96.8%) Em_MABDNE01(41.9%) TCS_NI_Power(6.5%)	of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">a</a>
144986	510.157	[510.154, 510.160]	2010-08- 12/2010- 10-06 0.35	0.25	6.35	0.002		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
36584	510.285	[510.279, 510.300]	2010-08- 13/2010- 10-06 0.35	0.40	6.51	0.002		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
38828	519.715	[519.705, 519.716]	2010-08- 13/2010- 10-11 0.31	0.38	6.02	0.001		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
144609	519.842	[519.840, 519.846]	2010-08- 11/2010- 10-19 0.45	0.26	6.30	0.002		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>
34470	520.000	[519.996, 520.001]	2010-08- 10/2010- 10-19 0.92	0.50	5.59	0.001	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(95.0%) Em_MABDNE01(28.3%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>

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[520 - 530 Hz] (3 lines found)

Lines trend - 520\_530



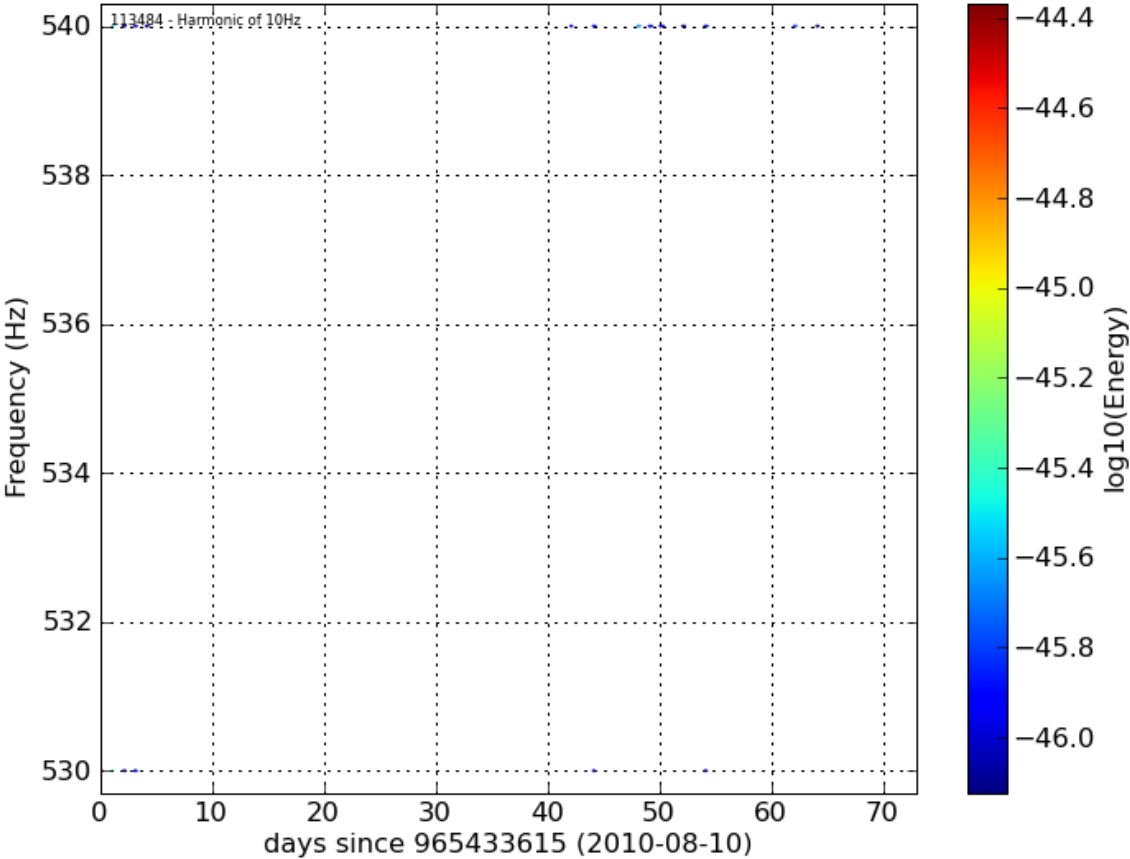
Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last Seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
34470	520.000	[519.996, 520.001]	2010-08-10/2010-10-19	0.50	5.59	0.001	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t- a</a>

			0.92				Em_MABDCE01 (95.0%) Em_MABDNE01 (28.3%)				
144610	520.157	[520.155, 520.161]	2010-08-11/2010-10-14 0.43	0.23	6.49	0.001		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145978	520.288	[520.285, 520.299]	2010-08-13/2010-10-13 0.35	0.32	6.28	0.001		Harmonic of 10Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[530 - 540 Hz] (1 lines found)

Lines trend - 530\_540

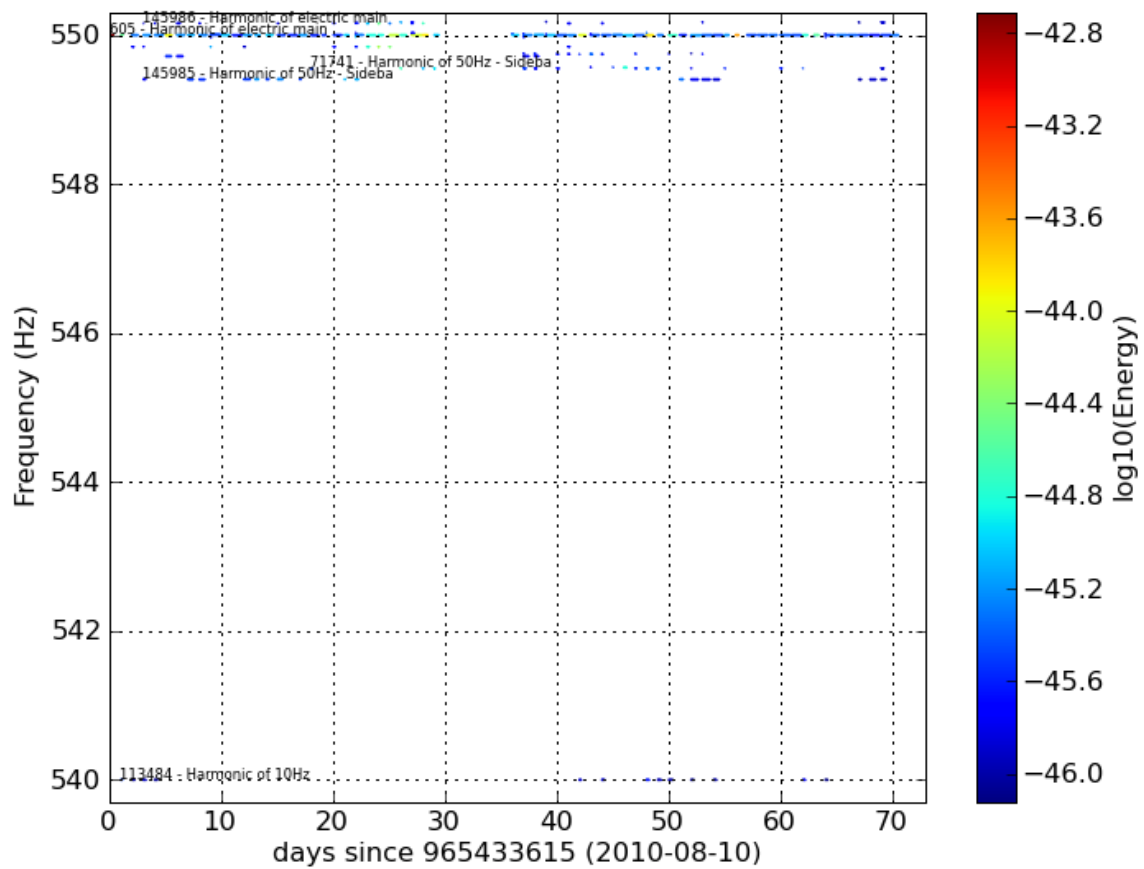


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
113484	540.000	[540.000, 540.001]	2010-08-11/2010-10-13 0.20	0.30	4.84	0.001	Em_MABDCE01 (100.0%) Em_MABDWE01 (100.0%) Em_SEDBDL03 (7.7%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[540 - 550 Hz] (4 lines found)

Lines trend - 540\_550

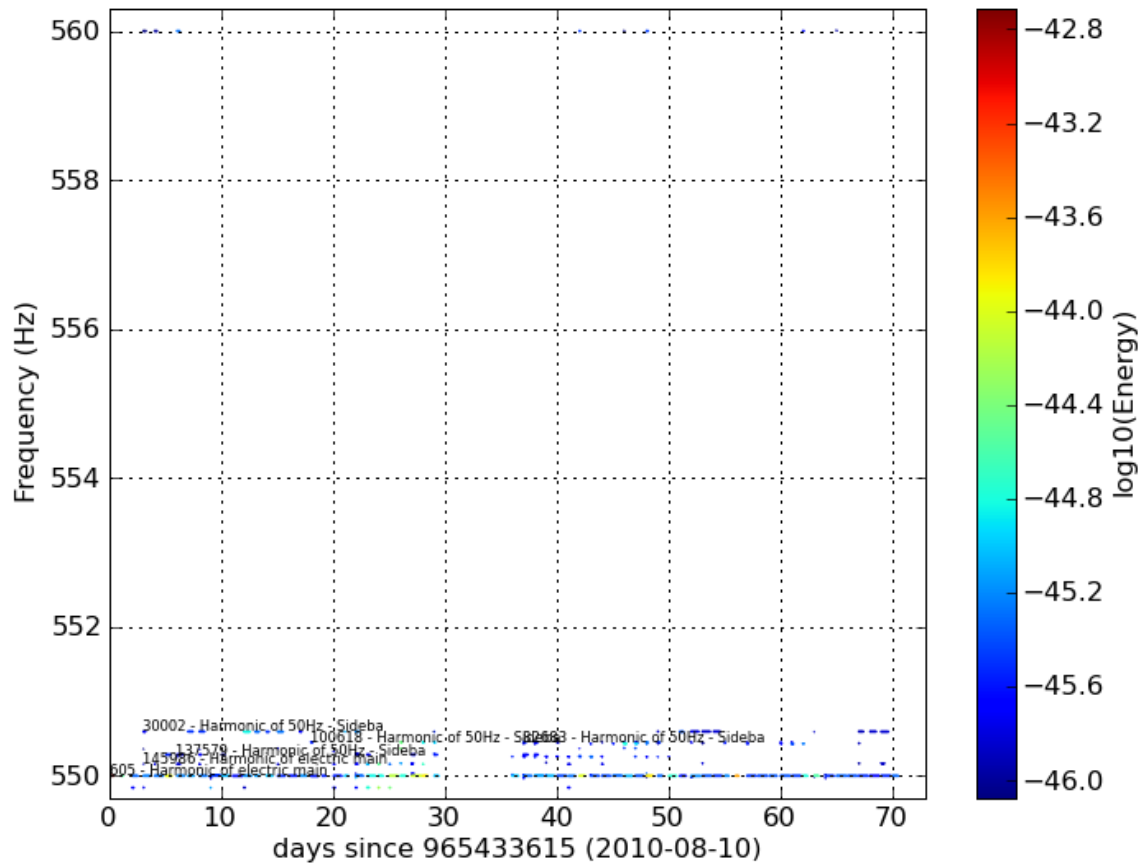


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
113484	540.000	[540.000, 540.001]	2010-08-11/2010-10-13 0.20	0.30	4.84	0.001	Em_MABDCE01(100.0%) Em_MABDWE01(100.0%) Em_SEDBDL03(7.7%)	Harmonic of 10Hz	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145985	549.405	[549.404, 549.407]	2010-08-13/2010-10-18 0.26	0.43	7.88	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
71741	549.553	[549.548, 549.567]	2010-08-28/2010-10-18 0.28	0.17	6.81	0.003	Em_ACBDNE01(5.6%) Em_SE_BrewINJ(5.6%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
605	550.000	[549.997, 550.010]	2010-08-10/2010-10-19 1.00	0.71	9.00	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDCE01(96.9%) Em_MABDMC02(96.9%) Em_MABDNE01(84.6%) Em_AC_EIB(6.2%)	Harmonic of electric mains (50Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[550 - 560 Hz] (6 lines found)

Lines trend - 550\_560

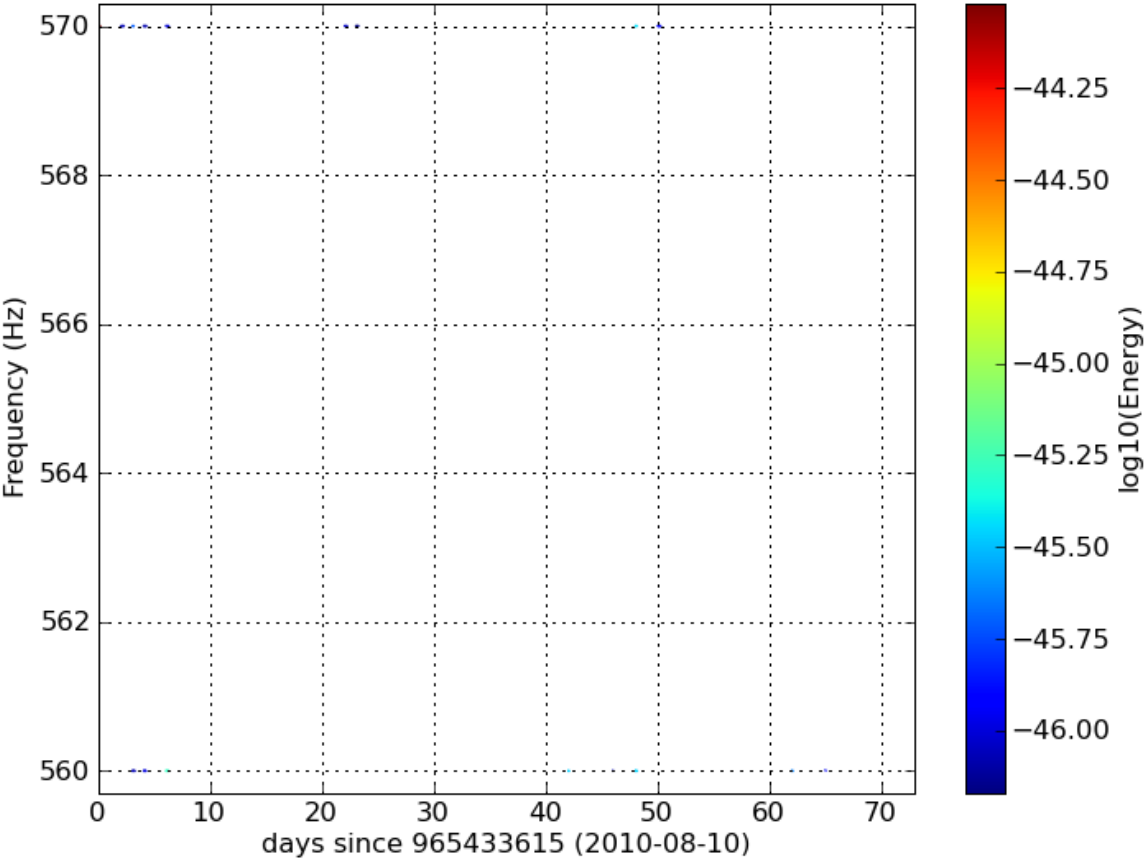


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
605	550.000	[549.997, 550.010]	2010-08-10/2010-10-19 1.00	0.71	9.00	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDCE01(96.9%) Em_MABDMC02(96.9%) Em_MABDNE01(84.6%) Em_AC_EIB(6.2%)	Harmonic of electric mains (50Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
145986	550.157	[550.155, 550.161]	2010-08-13/2010-09-23 0.22	0.16	5.90	0.001		Harmonic of electric mains (50Hz)	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
137579	550.256	[550.251, 550.269]	2010-08-16/2010-09-29 0.22	0.12	6.11	0.006	Em_MABDWE01(78.6%) Em_SEDBDL03(21.4%) Pr_power50(7.1%) Em_SE_EIB_04(7.1%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
82683	550.434	[550.426, 550.442]	2010-09-16/2010-10-16 0.23	0.15	6.69	0.004	Em_ACTCSNI(6.7%) Em_ACBDCE01(6.7%) Em_IPSCB_50Hz(6.7%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
100618	550.448	[550.445, 550.454]	2010-08-28/2010-10-10 0.28	0.17	6.42	0.003	Em_MABDCE01(5.3%)	Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>
30002	550.594	[550.591, 550.596]	2010-08-13/2010-10-18 0.31	0.41	7.42	0.001		Harmonic of 50Hz - Sidebands	<a href="#">dump</a>	<a href="#">plot t-f</a>	<a href="#">plot t-a</a>

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[560 - 570 Hz] (0 lines found)

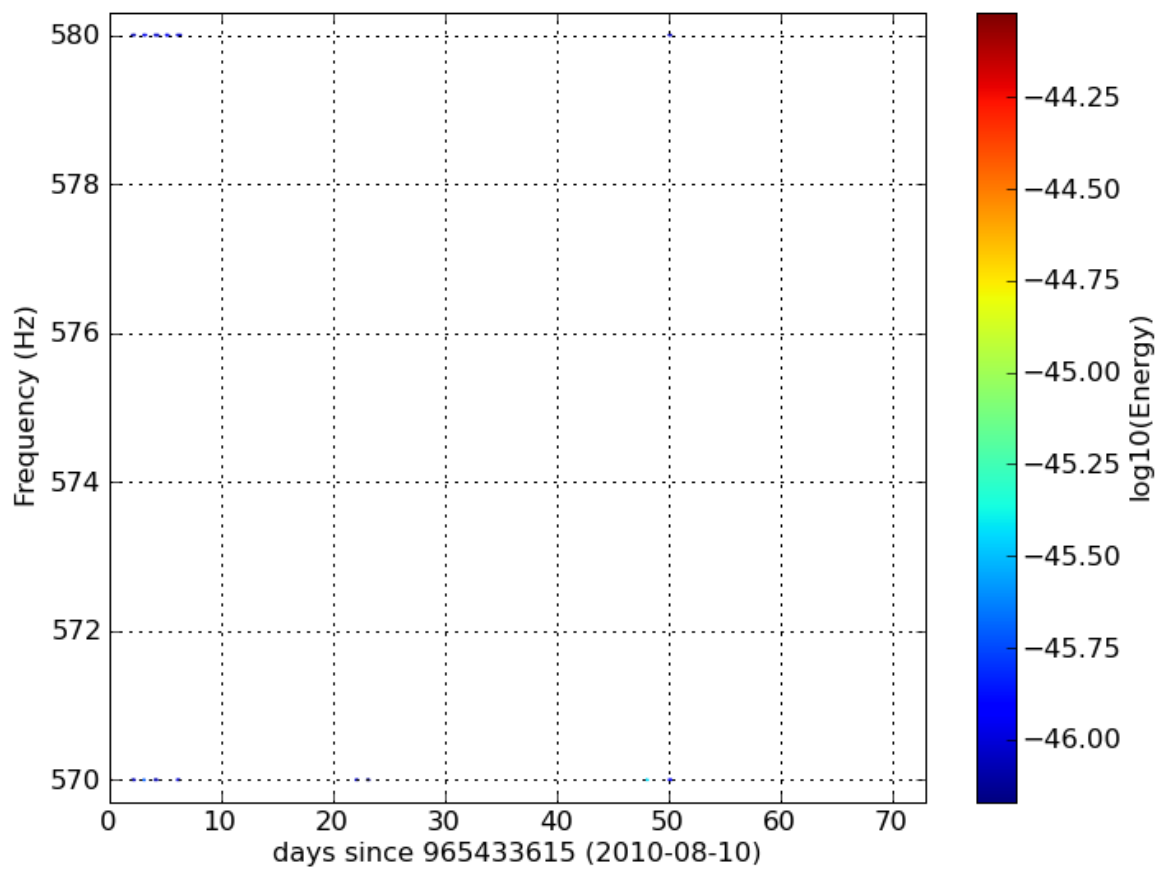
Lines trend - 560\_570



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[570 - 580 Hz] (0 lines found)

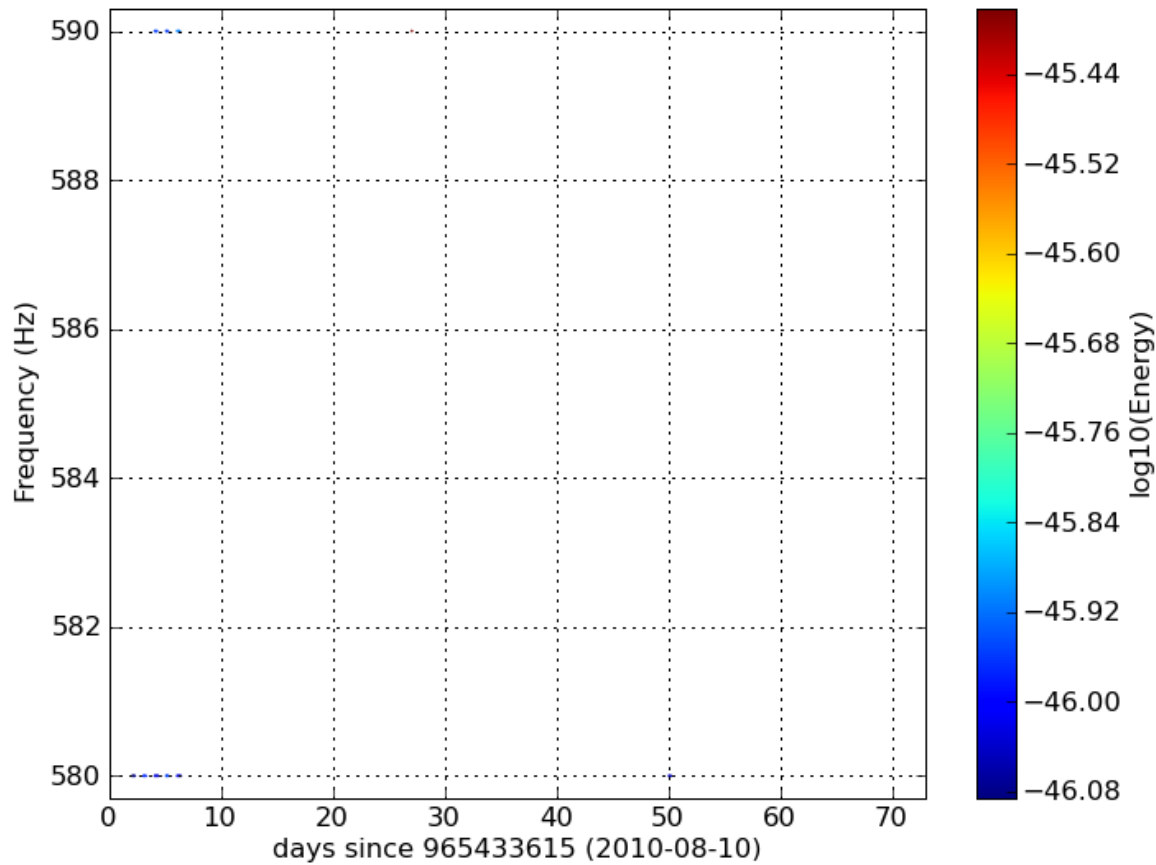
Lines trend - 570\_580



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**[580 - 590 Hz] (0 lines found)**

Lines trend - 580\_590



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[590 - 600 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
632	600.000	[600.000, 600.001]	2010-08-10/2010-10-19 0.74	0.46	5.40	0.001	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(100.0%) Em_MABDMC02(100.0%) Em_ACTCSNI(100.0%) Em_MABDNE01(87.5%) TCS_NI_Power(22.9%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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Contacts

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