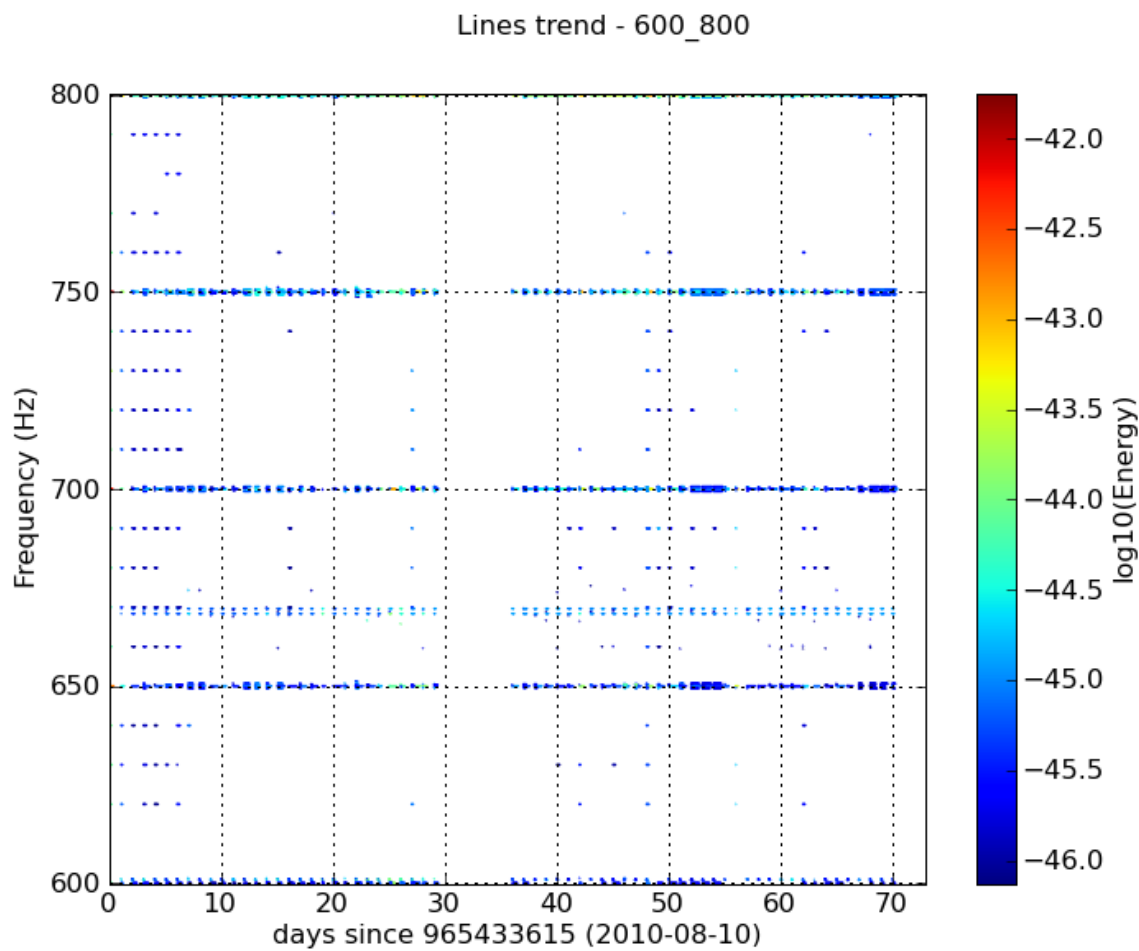


List of VSR3_Hrec_1mHz_KNOWN lines - frequency: 600 - 800 Hz

Summary plot:



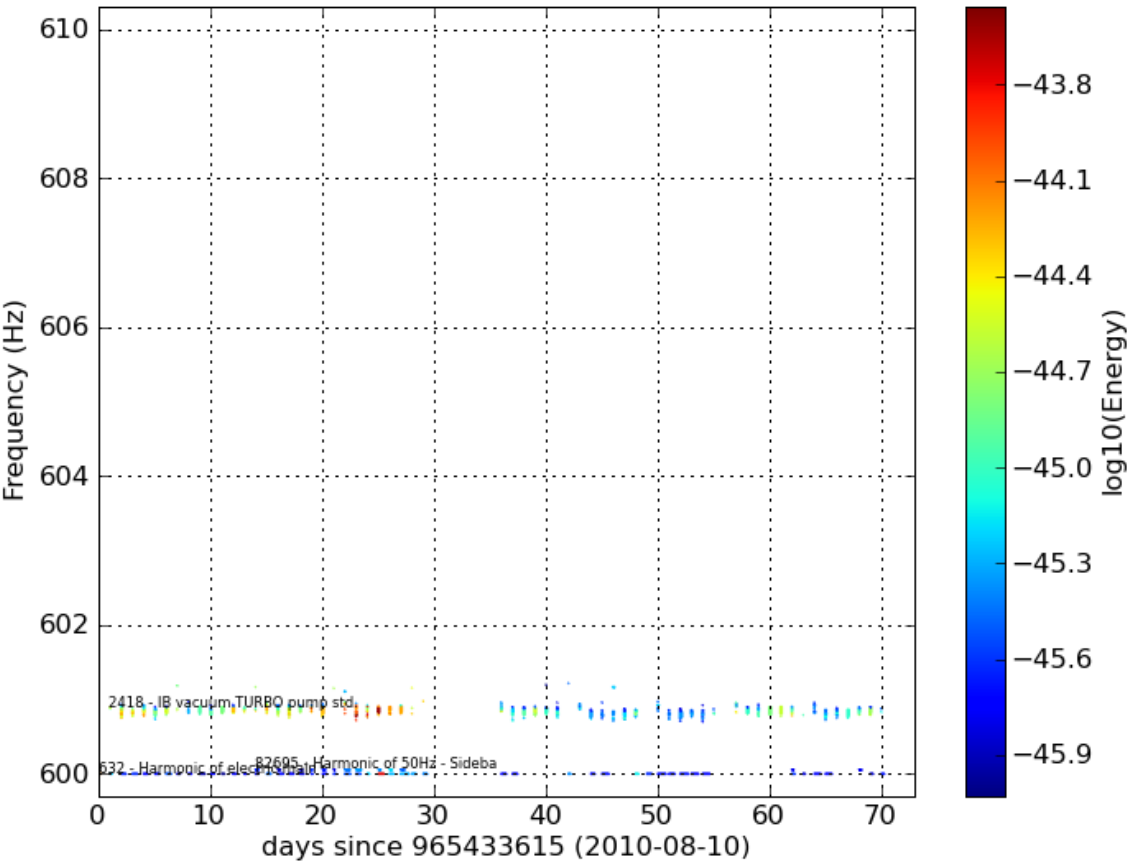
Lines list (text file)

Frequency range (Hz):
600- 610 (3) | 610- 620 (0) | 620- 630 (0) | 630- 640 (0) | 640- 650 (3) | 650- 660 (5) | 660- 670 (3) | 670- 680 (1) | 680- 690 (2) | 690- 700 (7) | 700- 710 (9) | 710- 720 (1) | 720- 730 (1) | 730- 740 (1) | 740- 750 (9) | 750- 760 (7) | 760- 770 (0) | 770- 780 (0) | 780- 790 (0) | 790- 800 (4) |

Number of lines found in this frequency range: 56

[600 - 610 Hz] (3 lines found)

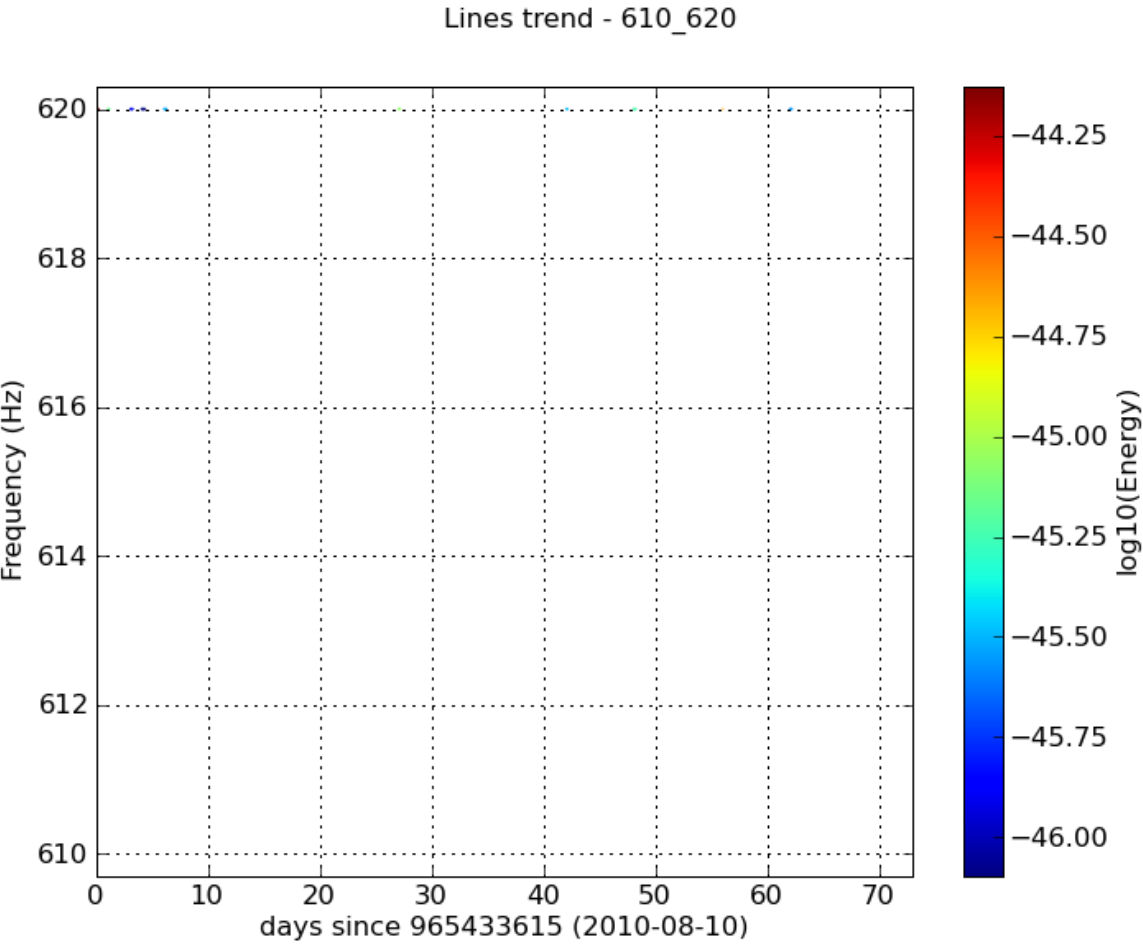
Lines trend - 600_610



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
82695	600.055	[600.053, 600.056]	2010-08-24/2010-10-17 0.20	0.34	4.88	0.001	Em_ACBDCE01(100.0%) Em_SE_BrewINJ(100.0%) Em_ACTCSNI(69.2%) Em_SETODE01(38.5%) Em_SE_EIB_04(7.7%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
2418	600.847	[600.701, 600.977]	2010-08-11/2010-10-19 0.92	0.10	6.70	0.010	Em_SE_LB_04(38.9%) Em_SE_BrewINJ(38.6%) Em_AC_EIB(38.3%) Em_ACTCSNI(35.6%) Em_ACBDCE01(33.4%) Em_SE_EIB_04(31.0%) Em_SETODE01(29.2%) Em_MABDNE01(27.7%) Em_MABDWE01(27.4%) Em_SEDBDL03(25.8%) Em_ACBDNE01(11.2%)	IB vacuum TURBO pump std. working frequency	dump	plot t-f	plot t-a

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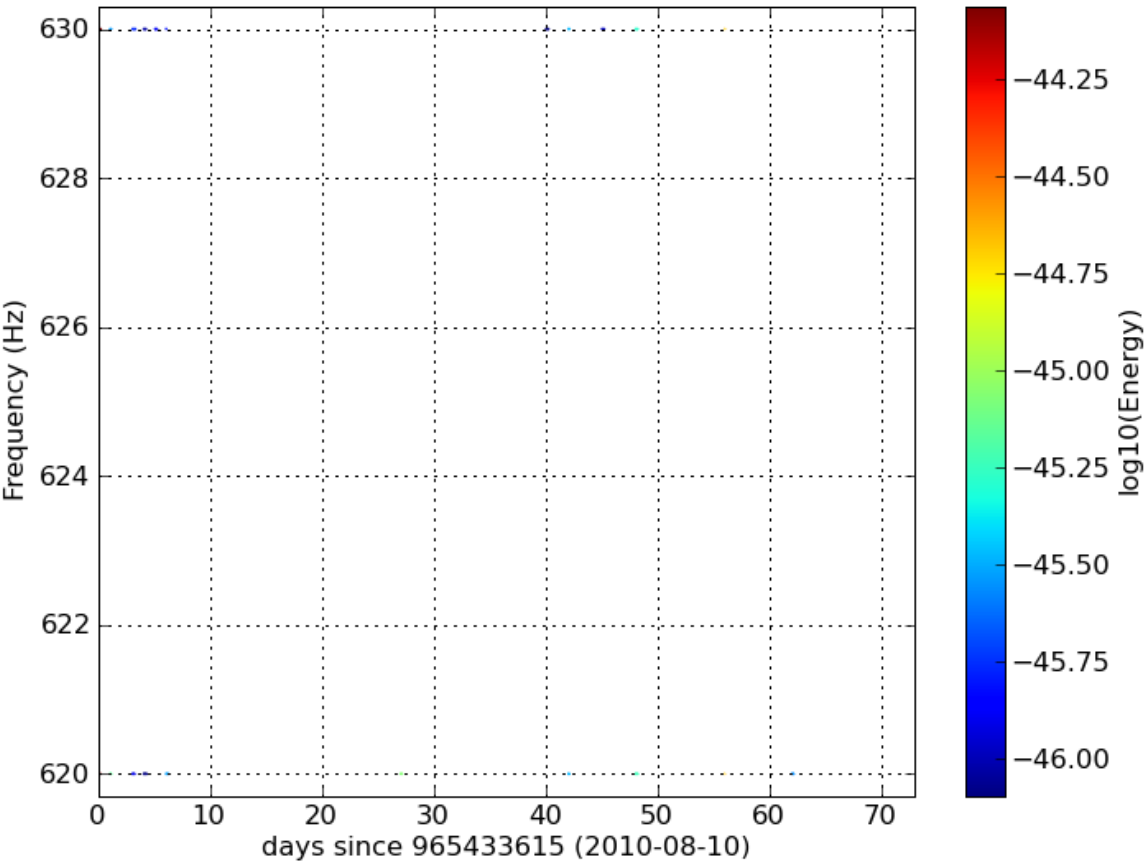
[610 - 620 Hz] (0 lines found)



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[620 - 630 Hz] (0 lines found)

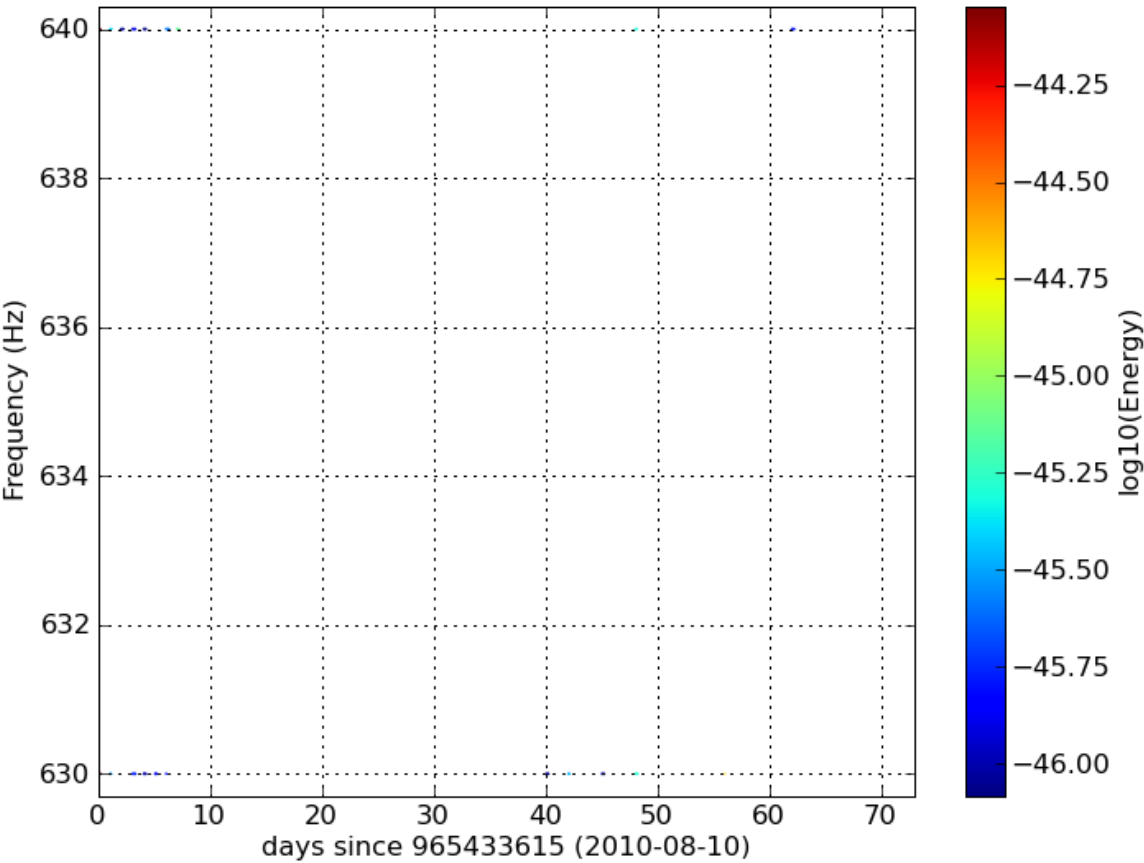
Lines trend - 620_630



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[630 - 640 Hz] (0 lines found)

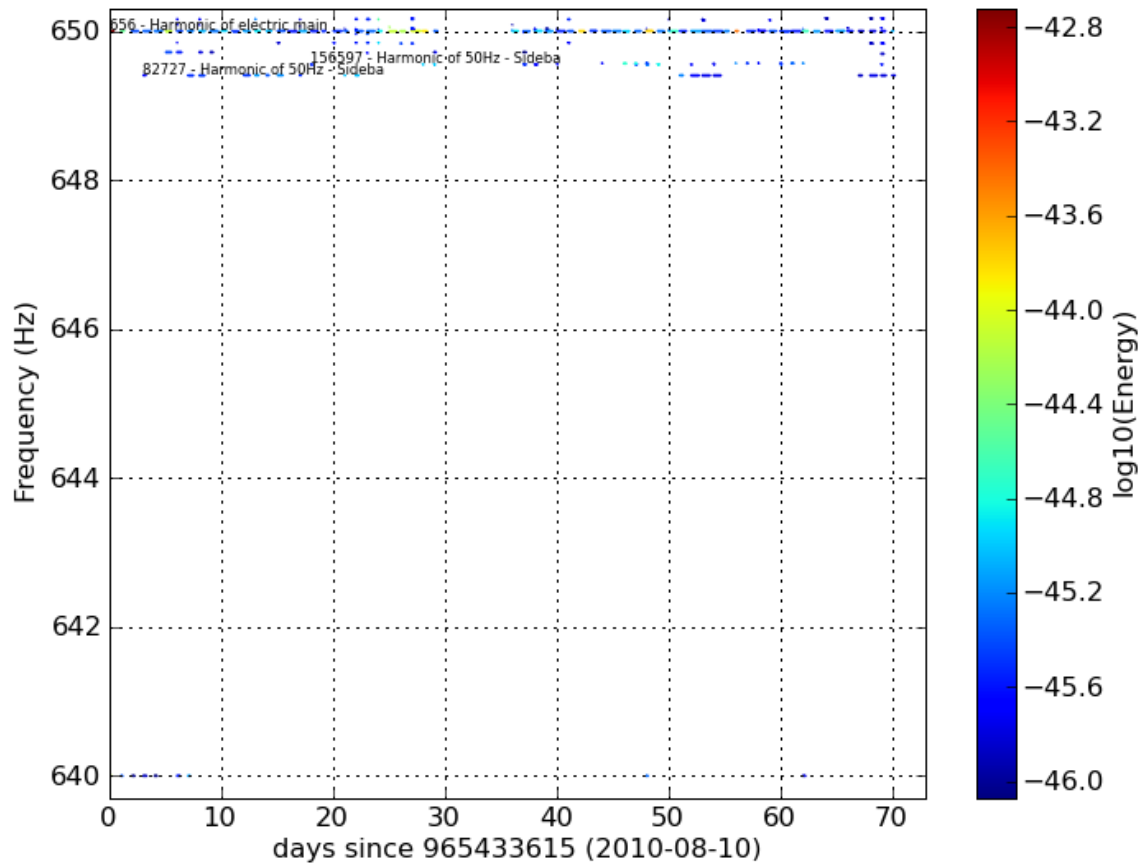
Lines trend - 630_640



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[640 - 650 Hz] (3 lines found)

Lines trend - 640_650

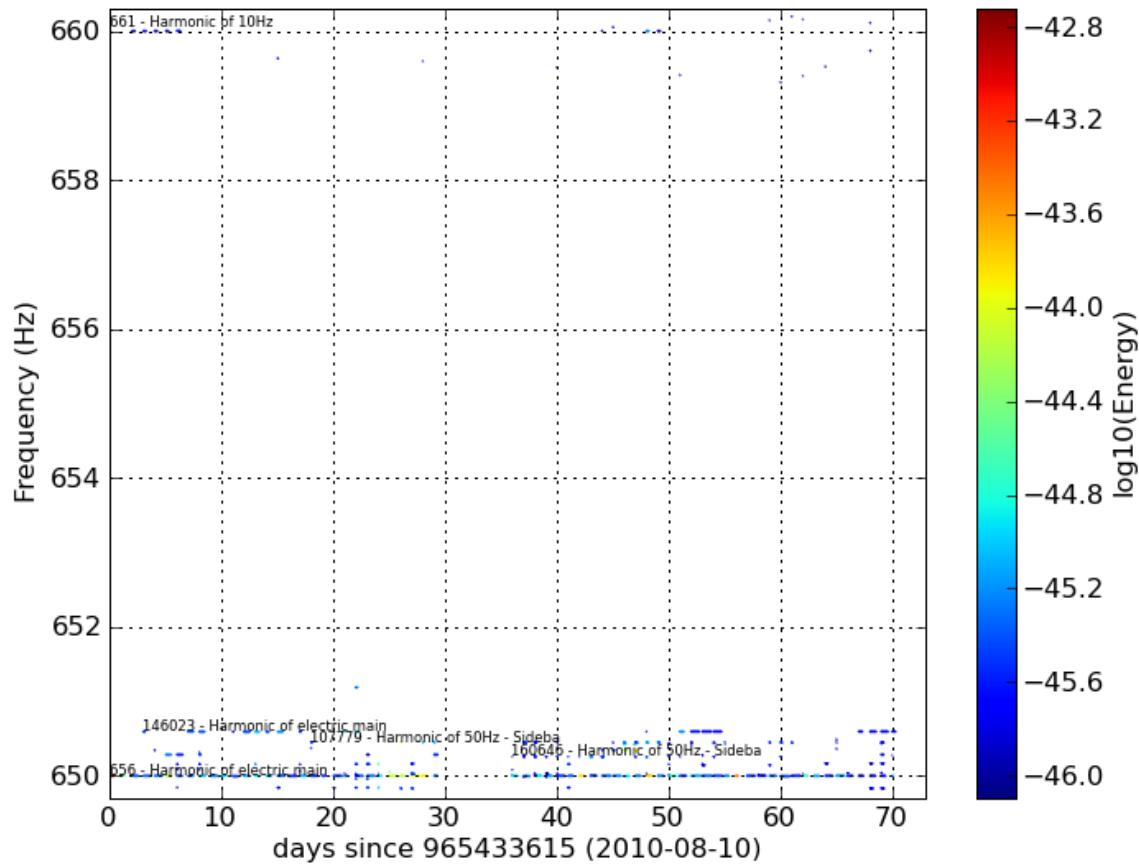


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
82727	649.405	[649.404, 649.407]	2010-08-13/2010-10-19 0.28	0.45	7.51	0.001		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
156597	649.558	[649.547, 649.570]	2010-08-28/2010-10-18 0.31	0.17	6.64	0.003		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
656	650.000	[649.994, 650.006]	2010-08-10/2010-10-19 1.00	0.60	7.79	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDCE01(98.5%) Em_MABDMC02(98.5%) Em_MABDNE01(80.0%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[650 - 660 Hz] (5 lines found)

Lines trend - 650_660

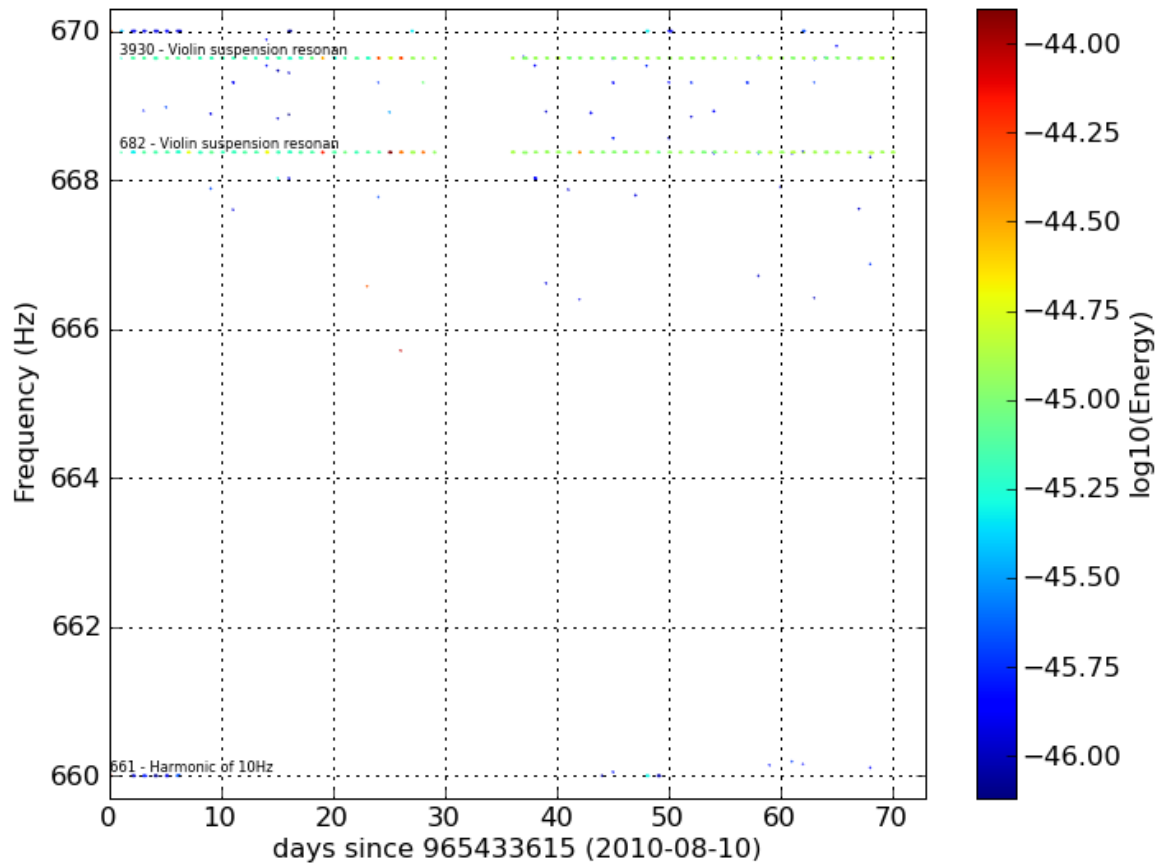


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
656	650.000	[649.994, 650.006]	2010-08-10/2010-10-19 1.00	0.60	7.79	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_ACTCSNI(100.0%) Em_MABDCE01(98.5%) Em_MABDMC02(98.5%) Em_MABDNE01(80.0%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a
160646	650.257	[650.250, 650.271]	2010-09-15/2010-10-19 0.25	0.12	6.20	0.003	Em_MABDWE01(68.8%) Em_ACTCSNI(6.2%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
107779	650.446	[650.420, 650.453]	2010-08-28/2010-10-18 0.32	0.17	6.61	0.004	Em_IPSCB_50Hz(8.3%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
146023	650.594	[650.593, 650.596]	2010-08-13/2010-10-19 0.31	0.43	7.94	0.001		Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	dump	plot t-f	plot t-a
661	660.047	[660.000, 660.195]	2010-08-10/2010-10-17 0.22	0.20	5.38	0.001	Em_SEDBDL03(57.1%) Em_MABDCE01(57.1%) Em_MABDWE01(57.1%) Em_ACTCSNI(7.1%)	Harmonic of 10Hz	dump	plot t-f	plot t-a

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[660 - 670 Hz] (3 lines found)

Lines trend - 660_670

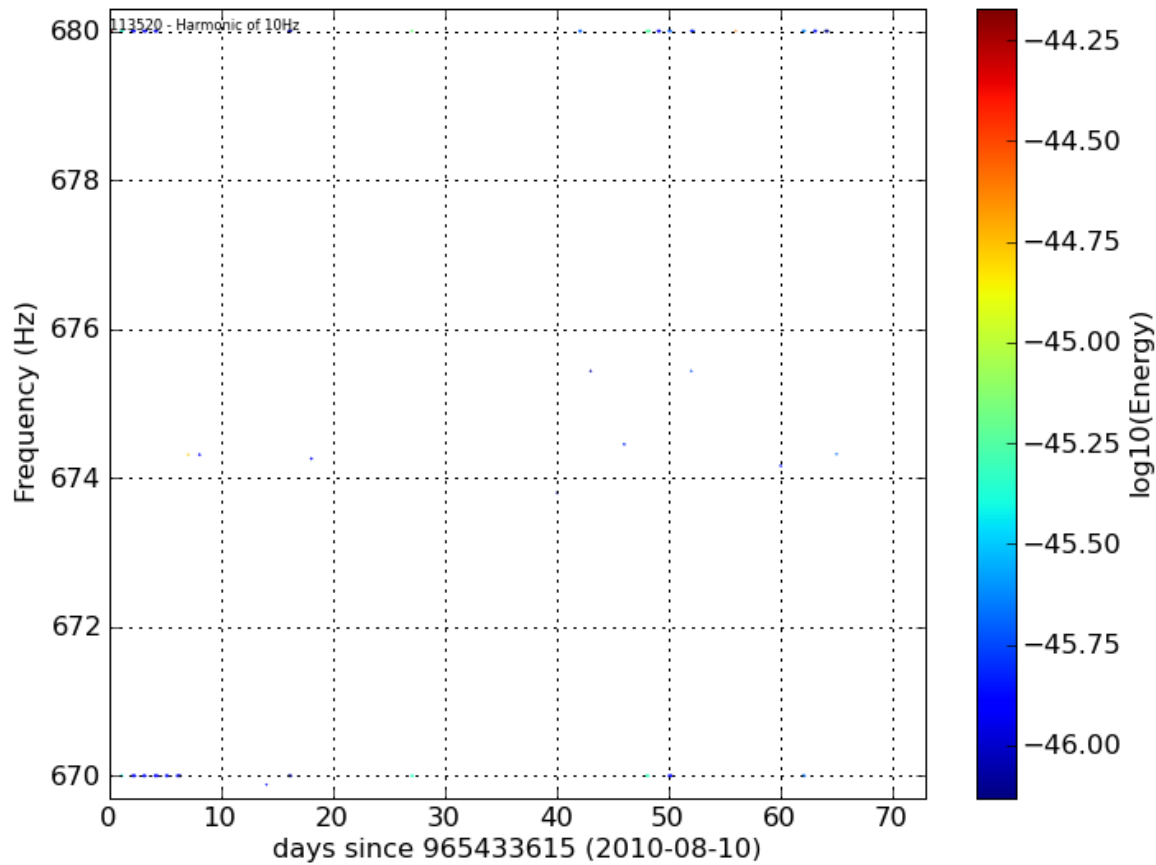


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
661	660.047	[660.000, 660.195]	2010-08-10/2010-10-17 0.22	0.20	5.38	0.001	Em_SEDBDL03(57.1%) Em_MABDCE01(57.1%) Em_MABDWE01(57.1%) Em_ACTCSNI(7.1%)	Harmonic of 10Hz	dump	plot t-f	plot t-a
682	668.371	[668.356, 668.380]	2010-08-11/2010-10-19 0.98	0.24	10.74	0.006		Violin suspension resonance (4th harmonics)	dump	plot t-f	plot t-a
3930	669.635	[669.619, 669.651]	2010-08-11/2010-10-19 0.98	0.23	10.64	0.006	TCS_WI_Power(5.8%)	Violin suspension resonance (4th harmonics)	dump	plot t-f	plot t-a

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[670 - 680 Hz] (1 lines found)

Lines trend - 670_680

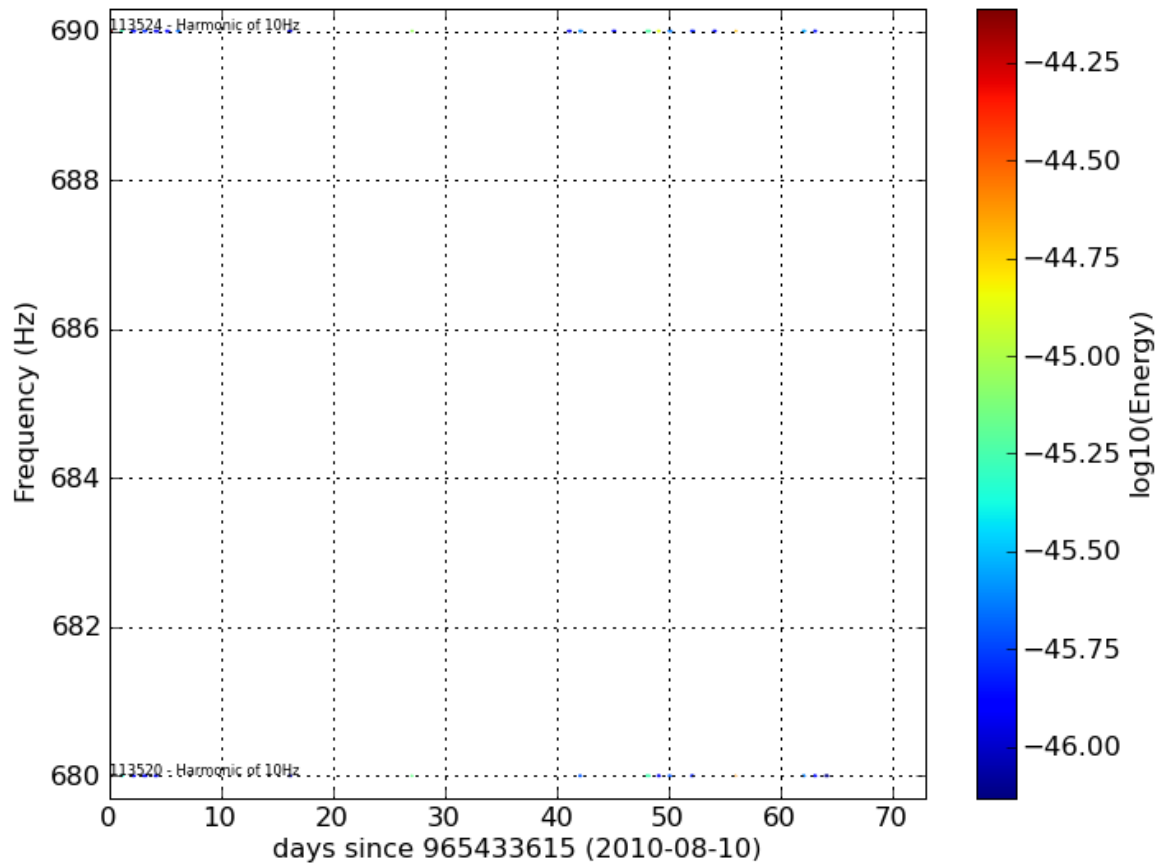


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
113520	680.000	[680.000, 680.001]	2010-08-10/2010-10-13 0.25	0.24	5.37	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(56.2%) Em_MABDWE01(43.8%) Em_MABDNE01(25.0%)	Harmonic of 10Hz	dump	plot t-f	plot t-a

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[680 - 690 Hz] (2 lines found)

Lines trend - 680_690

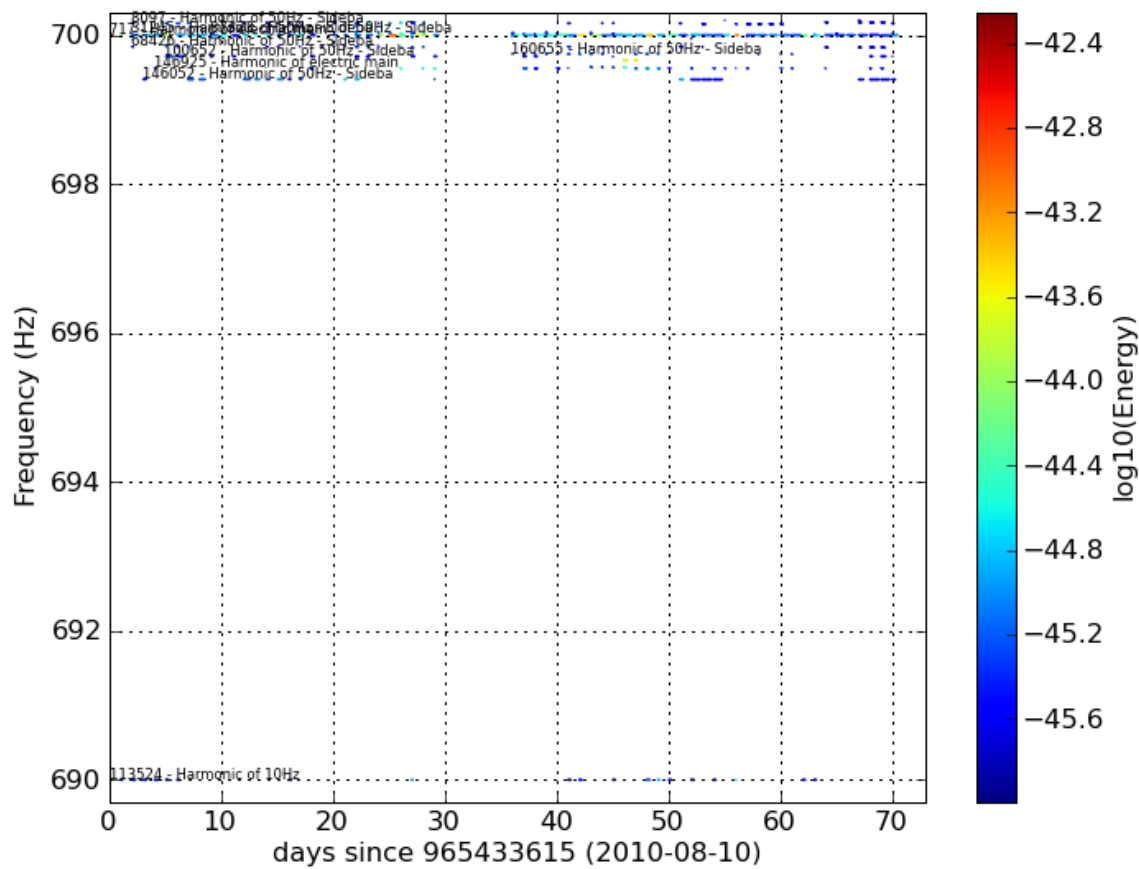


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
113520	680.000	[680.000, 680.001]	2010-08-10/2010-10-13 0.25	0.24	5.37	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(56.2%) Em_MABDWE01(43.8%) Em_MABDNE01(25.0%)	Harmonic of 10Hz	dump	plot t-f	plot t-a
113524	690.000	[690.000, 690.001]	2010-08-10/2010-10-12 0.31	0.27	5.15	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(85.0%) Em_MABDWE01(75.0%) Em_MABDNE01(65.0%)	Harmonic of 10Hz	dump	plot t-f	plot t-a

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[690 - 700 Hz] (7 lines found)

Lines trend - 690_700



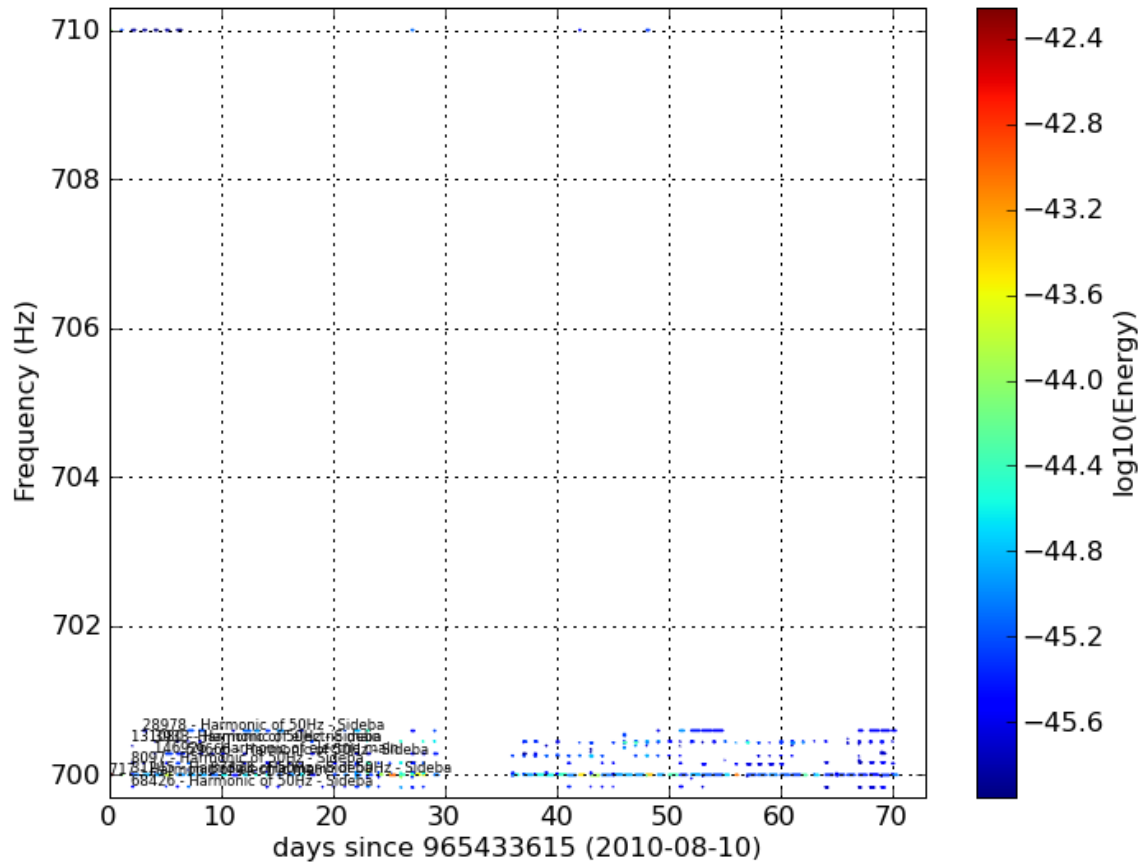
Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
113524	690.000	[690.000, 690.001]	2010-08-10/2010-10-12 0.31	0.27	5.15	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(85.0%) Em_MABDWE01(75.0%) Em_MABDNE01(65.0%)	Harmonic of 10Hz	dump	plot t-f	plot t-a
146052	699.405	[699.404, 699.407]	2010-08-13/2010-10-19 0.31	0.50	8.57	0.001		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
146925	699.553	[699.546, 699.569]	2010-08-14/2010-10-18 0.42	0.19	6.87	0.003		Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	dump	plot t-f	plot t-a
100652	699.713	[699.703, 699.715]	2010-08-15/2010-10-19 0.23	0.31	5.52	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
160655	699.744	[699.735, 699.753]	2010-09-15/2010-10-10 0.23	0.14	6.66	0.005	Em_MABDWE01(66.7%) Em_SE_LB_04(6.7%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
68426	699.842	[699.840, 699.845]	2010-08-12/2010-10-02 0.31	0.15	6.29	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
							Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%)				

717	700.000	[699.993, 700.011]	2010-08-10/2010-10-19 0.98	0.63	9.55	0.003	Em_MABDCE01(100.0%) Em_MABDMC02(98.4%) Em_ACTCSNI(98.4%) Em_MABDNE01(95.3%) TCS_NI_Power(26.6%) Em_SETODE01(17.2%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a
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[700 - 710 Hz] (9 lines found)

Lines trend - 700_710



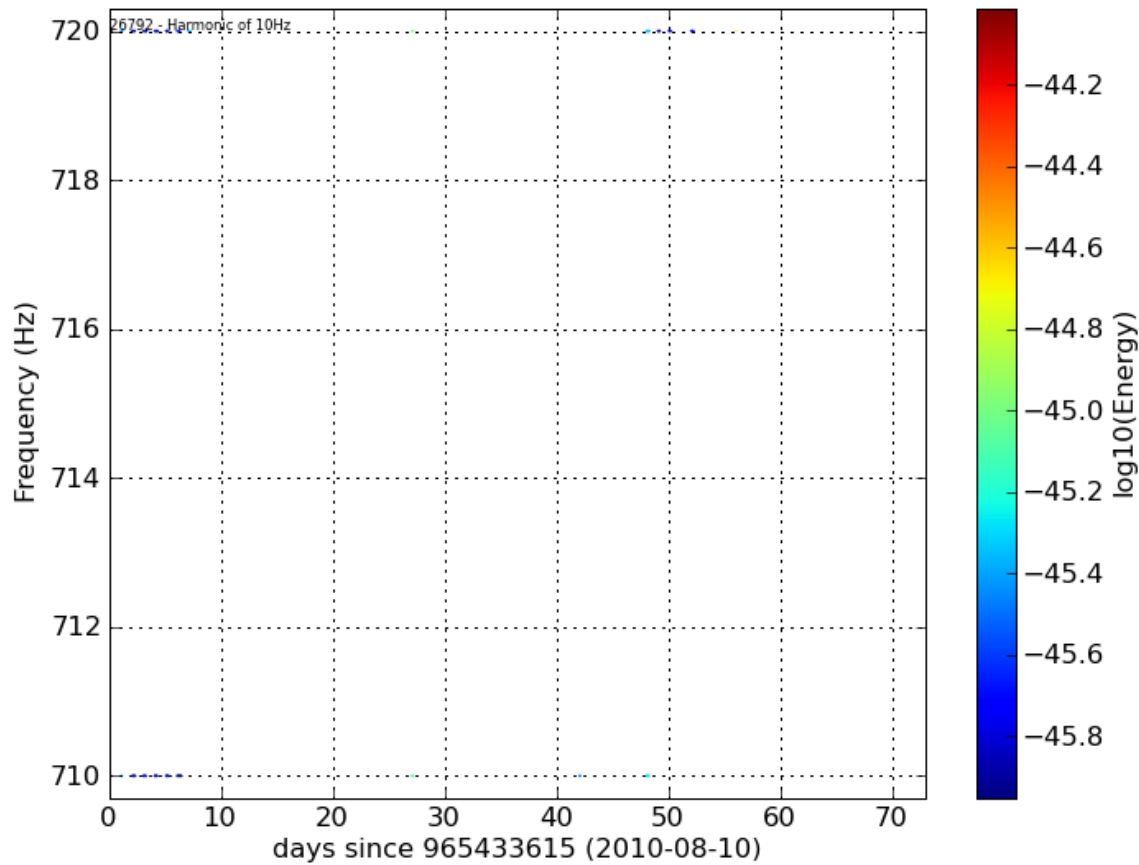
Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
717	700.000	[699.993, 700.011]	2010-08-10/2010-10-19 0.98	0.63	9.55	0.003	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(100.0%) Em_MABDMC02(98.4%) Em_ACTCSNI(98.4%) Em_MABDNE01(95.3%) TCS_NI_Power(26.6%) Em_SETODE01(17.2%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a
87323	700.015	[700.006, 700.022]	2010-08-19/2010-10-19 0.22	0.11	5.83	0.003	Em_MABDNE01(14.3%) Em_MABDCE01(7.1%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
31245	700.026	[699.953, 700.120]	2010-08-12/2010-10-18 0.42	0.12	5.92	0.003	Em_ACTCSNI(13.3%) Em_SETODE01(10.0%) Em_SEDBDL03(10.0%) Em_MABDCE01(10.0%) Em_ACBDCE01(6.7%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a

							Em_SE_BrewINJ(6.7%) Em_SE_EIB_04(6.7%)				
8097	700.155	[700.144, 700.165]	2010-08-12/2010-10-19 0.46	0.21	6.29	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
59666	700.255	[700.242, 700.274]	2010-08-17/2010-10-16 0.31	0.14	6.67	0.008	Em_MABDWE01(85.0%) Em_AC_EIB(10.0%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
146926	700.285	[700.283, 700.292]	2010-08-14/2010-10-18 0.25	0.33	5.85	0.002	Em_AC_EIB(6.2%) Em_MABDMC02(6.2%)	Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	dump	plot t-f	plot t-a
131080	700.430	[700.386, 700.552]	2010-08-12/2010-10-18 0.37	0.14	6.49	0.005	Em_MABDWE01(9.7%) Em_AC_EIB(6.5%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
3933	700.447	[700.438, 700.456]	2010-08-14/2010-10-19 0.49	0.17	6.82	0.003		Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	dump	plot t-f	plot t-a
28978	700.594	[700.590, 700.596]	2010-08-13/2010-10-19 0.35	0.46	8.91	0.001		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a

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[710 - 720 Hz] (1 lines found)

Lines trend - 710_720

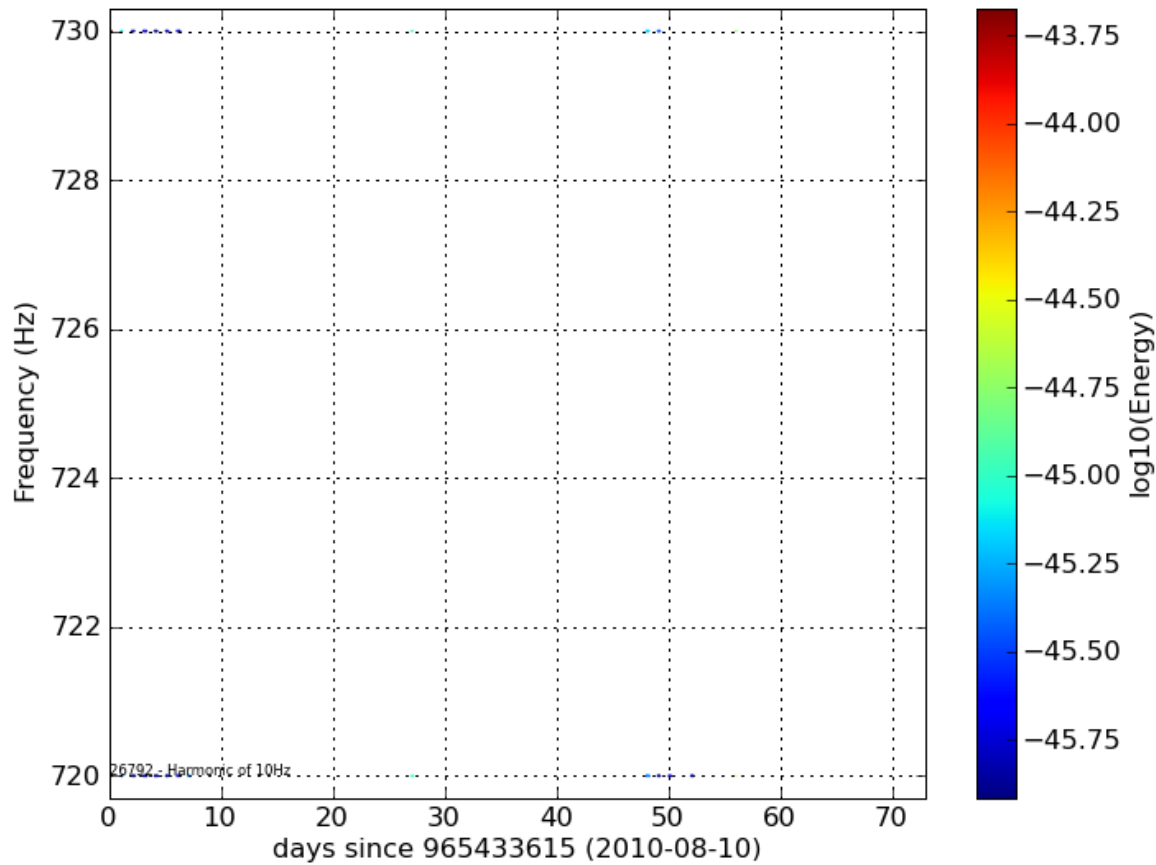


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
26792	720.000	[719.999, 720.001]	2010-08-10/2010-10-05 0.22	0.26	5.11	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(78.6%) Em_MABDWE01(42.9%) Em_MABDNE01(35.7%) Em_SE_EIB_04(28.6%)	Harmonic of 10Hz	dump	plot t-f	plot t-a

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[720 - 730 Hz] (1 lines found)

Lines trend - 720_730

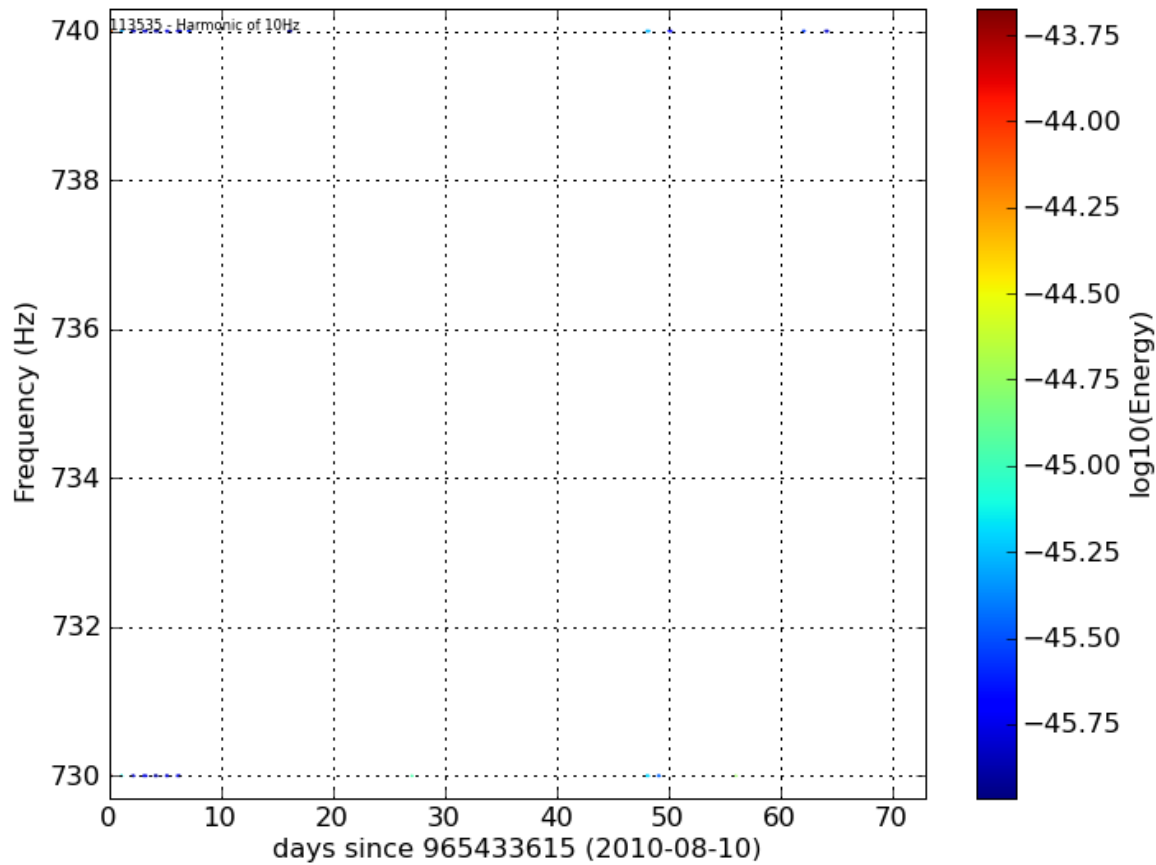


Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
26792	720.000	[719.999, 720.001]	2010-08-10/2010-10-05 0.22	0.26	5.11	0.001	Em_SEDBDL03(100.0%) Em_MABDCE01(78.6%) Em_MABDWE01(42.9%) Em_MABDNE01(35.7%) Em_SE_EIB_04(28.6%)	Harmonic of 10Hz	<u>dump</u>	<u>plot t-f</u>	<u>plot t-a</u>

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[730 - 740 Hz] (1 lines found)

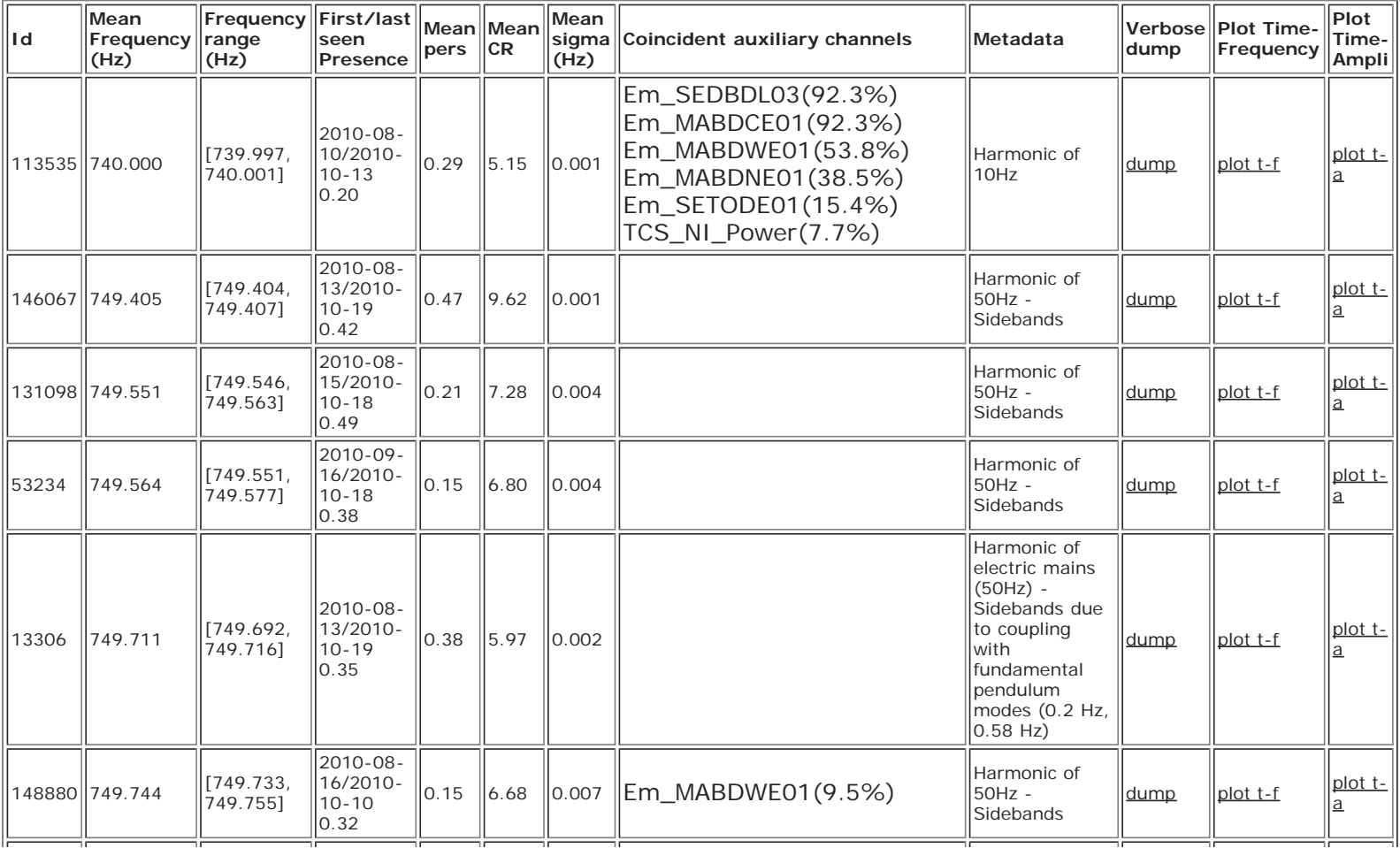
Lines trend - 730_740



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
113535	740.000	[739.997, 740.001]	2010-08-10/2010-10-13 0.20	0.29	5.15	0.001	Em_SEDBDL03(92.3%) Em_MABDCE01(92.3%) Em_MABDWE01(53.8%) Em_MABDNE01(38.5%) Em_SETODE01(15.4%) TCS_NI_Power(7.7%)	Harmonic of 10Hz	dump	plot t-f	plot t-a

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[740 - 750 Hz] (9 lines found)

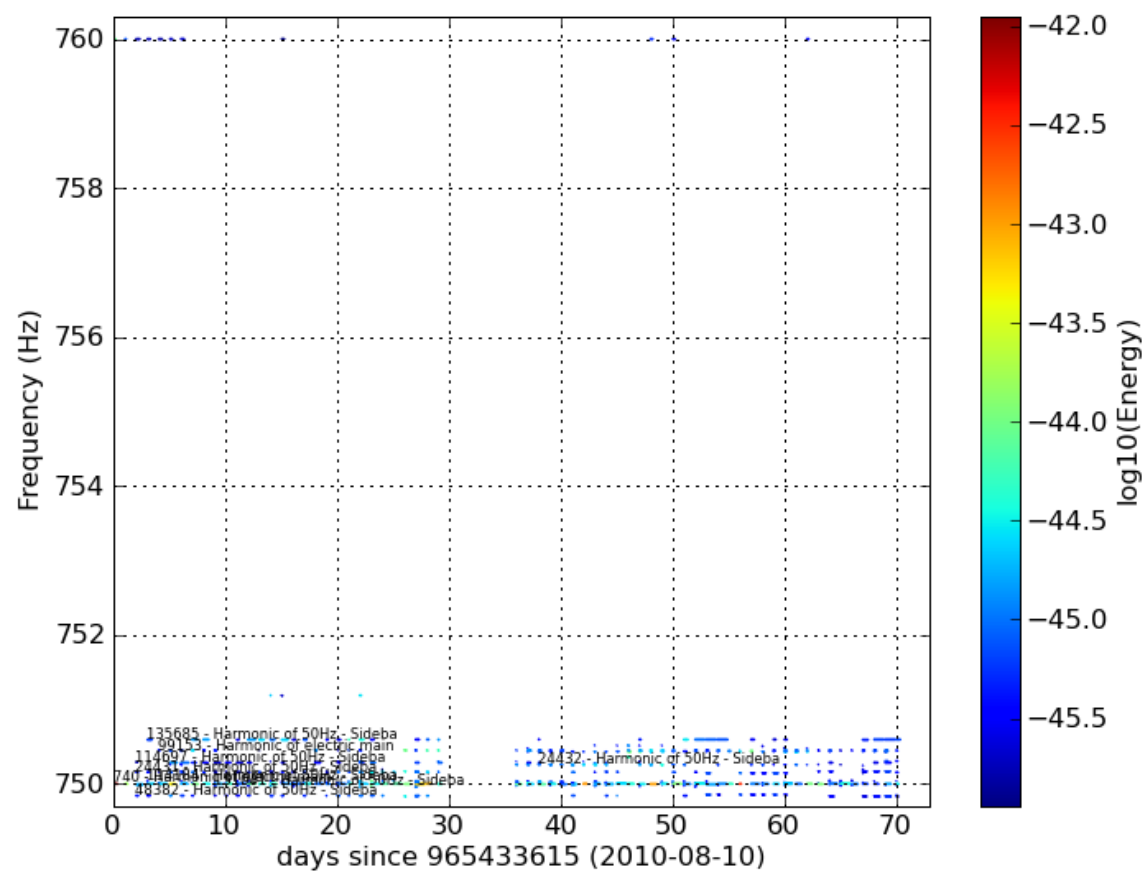


48382	749.845	[749.838, 749.855]	2010-08-12/2010-10-19 0.49	0.24	6.53	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
151041	749.980	[749.959, 749.995]	2010-08-19/2010-10-19 0.46	0.11	5.72	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
740	750.009	[749.986, 750.039]	2010-08-10/2010-10-19 1.00	0.39	8.27	0.003	Em_MABDCE01(58.7%) Em_MABDWE01(57.0%) Em_SEDBDL03(57.0%) Em_MABDMC02(56.2%) Em_MABDNE01(51.2%) Em_ACTCSNI(31.4%) Em_SETODE01(29.8%) TCS_NI_Power(12.4%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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[750 - 760 Hz] (7 lines found)

Lines trend - 750_760



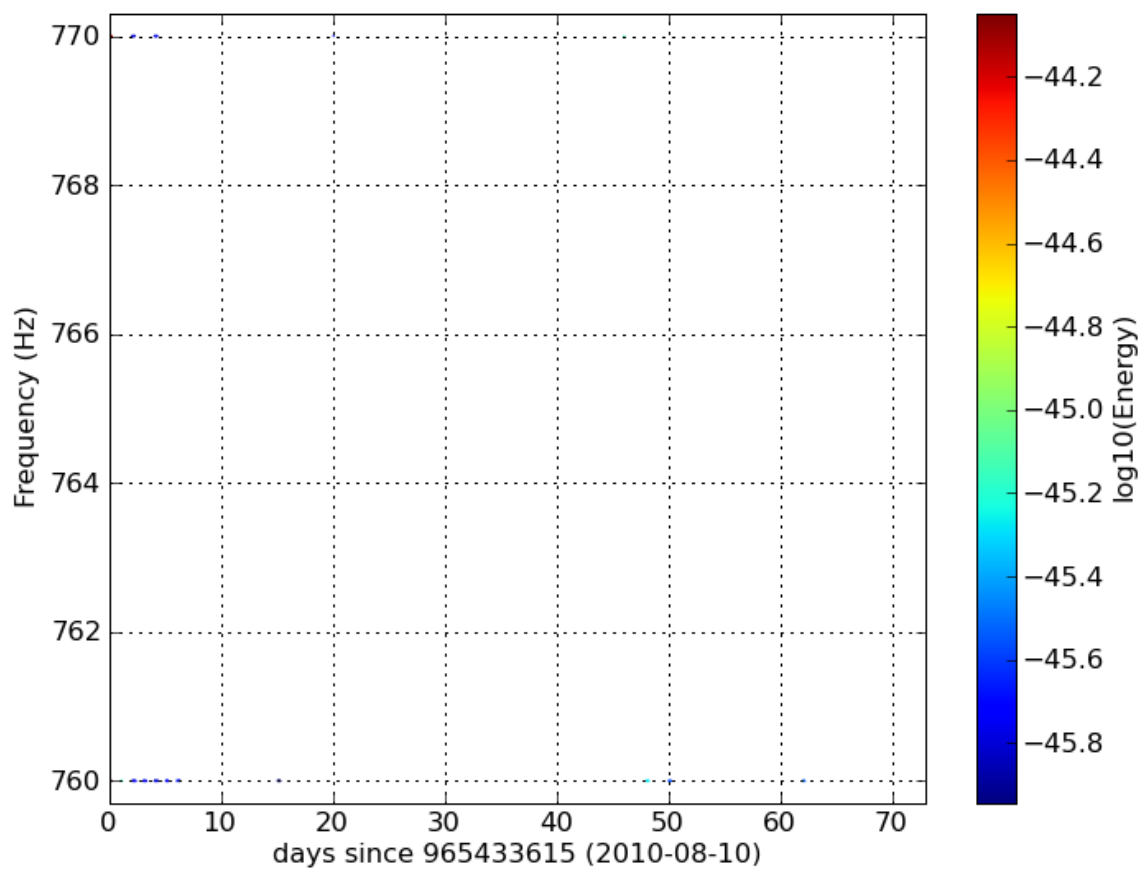
Id	Mean Frequency (Hz)	Frequency range (Hz)	First/last seen Presence	Mean pers	Mean CR	Mean sigma (Hz)	Coincident auxiliary channels	Metadata	Verbose dump	Plot Time-Frequency	Plot Time-Ampli
740	750.009	[749.986, 750.039]	2010-08-10/2010-10-19 1.00	0.39	8.27	0.003	Em_MABDCE01(58.7%) Em_MABDWE01(57.0%) Em_SEDBDL03(57.0%) Em_MABDMC02(56.2%) Em_MABDNE01(51.2%) Em_ACTCSNI(31.4%) Em_SETODE01(29.8%) TCS_NI_Power(12.4%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

114184	750.040	[750.035, 750.045]	2010-08-13/2010-10-15 0.20	0.12	5.95	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
24431	750.155	[750.145, 750.168]	2010-08-12/2010-10-19 0.62	0.23	6.87	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
24432	750.255	[750.245, 750.271]	2010-09-17/2010-10-16 0.29	0.15	7.03	0.008	Em_MABDWE01(31.6%) Em_MABDNE01(5.3%) Em_MABDMC02(5.3%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
114697	750.287	[750.251, 750.299]	2010-08-12/2010-10-18 0.43	0.32	6.38	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
99153	750.444	[750.422, 750.456]	2010-08-14/2010-10-18 0.66	0.19	7.53	0.006	Em_MABDNE01(8.5%) Em_MABDWE01(6.8%)	Harmonic of electric mains (50Hz) - Sidebands due to coupling with fundamental pendulum modes (0.2 Hz, 0.58 Hz)	dump	plot t-f	plot t-a
135685	750.594	[750.590, 750.597]	2010-08-13/2010-10-19 0.48	0.45	9.67	0.001		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a

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[760 - 770 Hz] (0 lines found)

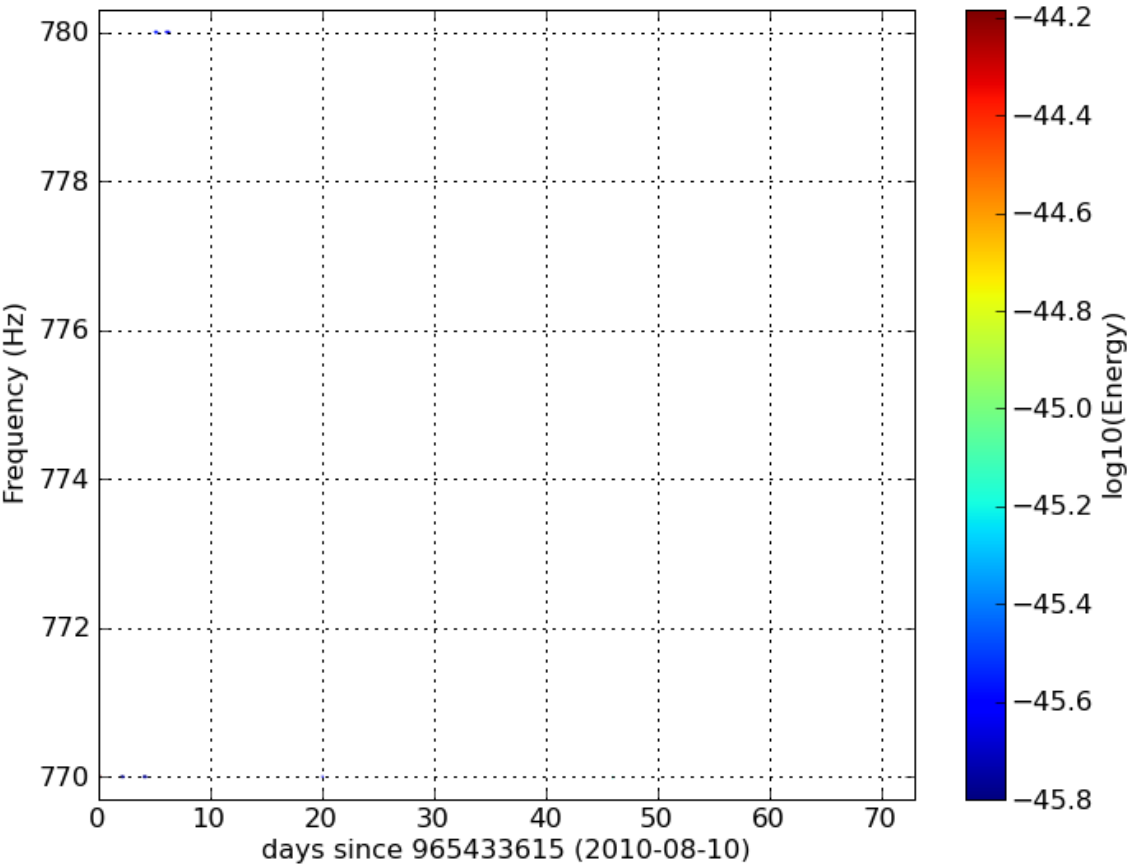
Lines trend - 760_770



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[770 - 780 Hz] (0 lines found)

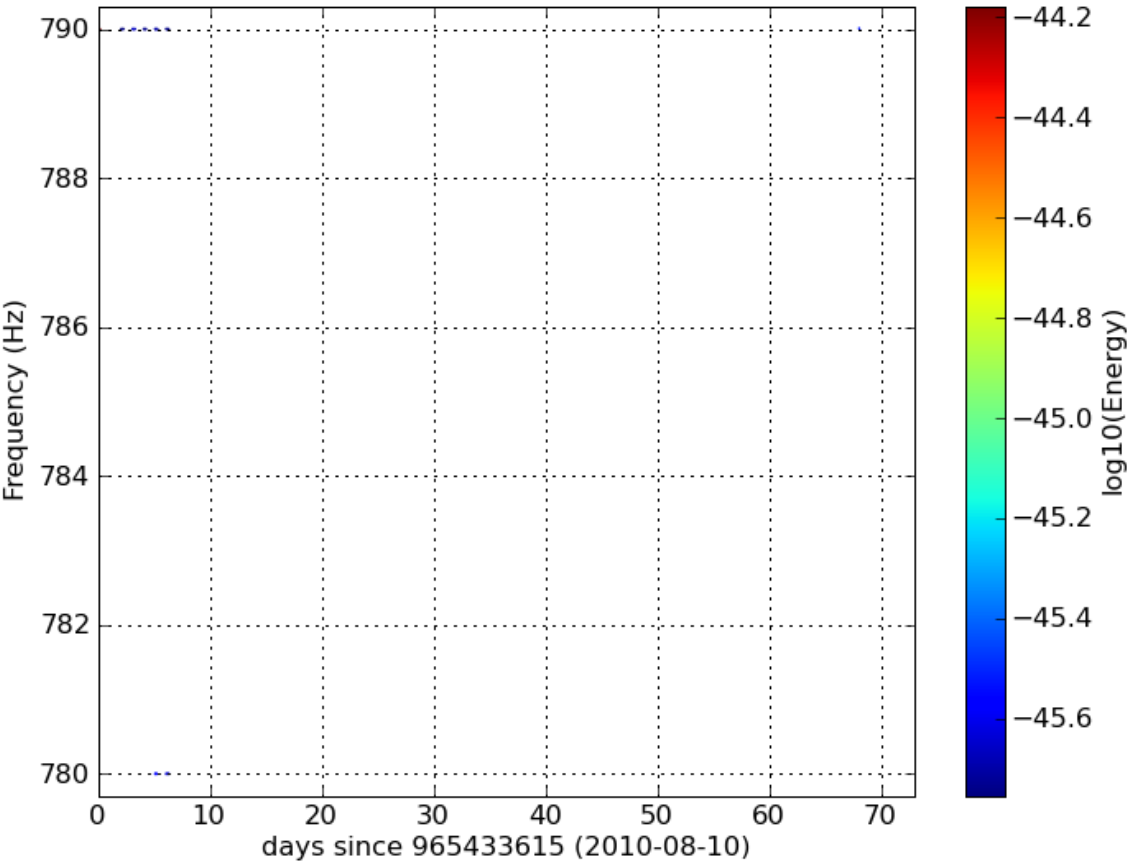
Lines trend - 770_780



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[780 - 790 Hz] (0 lines found)

Lines trend - 780_790



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[790 - 800 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
34572	799.405	[799.404, 799.407]	2010-08-13/2010-10-19 0.31	0.49	9.10	0.001		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
770	799.551	[799.547, 799.563]	2010-08-15/2010-10-18 0.38	0.19	6.73	0.003	Em_SEDBDL03(60.0%) Em_SETODE01(52.0%)	Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
109094	799.841	[799.831, 799.845]	2010-08-12/2010-10-18 0.28	0.18	6.22	0.002		Harmonic of 50Hz - Sidebands	dump	plot t-f	plot t-a
34573	800.000	[799.990, 800.014]	2010-08-10/2010-10-19 1.00	0.80	17.98	0.002	Em_SEDBDL03(100.0%) Em_MABDWE01(100.0%) Em_MABDCE01(100.0%) Em_SE_EIB_04(100.0%) Em_ACTCSNI(100.0%) Em_MABDMC02(98.5%) Em_SETODE01(95.4%) Em_MABDNE01(95.4%) TCS_NI_Power(18.5%)	Harmonic of electric mains (50Hz)	dump	plot t-f	plot t-a

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