

SETI ANALYSIS

Date	Feb 11, 2014	School	AAE Space Science		Teacher	Ms. Gaidzik	
DOY	43	Local time starts	10:30 PM		Filename	spc00230_20140211_081605	
Frame number			230	Galactic coordinates:		Latitude	Longitude
Center Frequency (MHz)	8450						

A. Interference (RFI) data

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	14.0	14.1	350	360	bright yellow
2	16	18	2960	2965	bright yellow
3	6.36	6.38	1490	1500	bright yellow
4	70.024414	70.024415	0	3618	on for too long
5	170.024414	170.024415	0	3300	always on

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	4.07	4.09	1270	1275	yellow
2	45.6	45.7	2910	2920	yellow
3	148.118	148.12	660	670	yellow
4	169.97558	169.97559	0	3300	spotty line on the same frequency
5					

C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	36.595	36.6	2380	2400	10	bright red
2	36.5	36.7	2388	2392	10	yellow
3	117.748	117.75	1775	1785	10	yellow
4	68.823631	68.823632	2967.4	2968.3	3.8	on for short time; strong
5	63.40402	63.4041	1000	1100	3.8	short time
6	117.7486	117.7487	1780	1800	4	short time
7	127.466	127.467	1140	1150	3.86	short time
8	140.58	150	659	662	3.68	short time
9	130.251	130.252	2050	2055	4.2	short time
10	145.68	146	2678	2680	3.29	short time
11	198.608697	198.608699	1980	1984	4.3	short and bright
12	190.2635723	190.2635724	2260	2261	4.5	short and bright