

SETI ANALYSIS

Date	Feb 18, 2014	School	AAE Space Science	Teacher	Ms. Gaidzik
DOY	49	Local time starts	2:07 AM	Filename	spc00650_20140128_070608
Frame number	650	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	70.024414	70.024415	0	2623.9	long bright line
2	151.8	152	2760	2780	red
3					
4					
5					

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	98.0073	98.0074	0	3623.9	short enough, same frequency
2	182.44	182.5	395	400	yellow
3					
4					
5					

C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	5.74142	5.74143	1662	1664	4.5	short/bright
2	42.163	42.167	1064	1065.7	4.6	short/bright
3	33.03374	33.03375	3305	3306	4	short, somewhat bright
4	21.020056	21.020057	1166	1168	4	short, somewhat bright
5	81.323961	81.323963	2174.5	2176	4	short/bright
6	69.454	69.455	550	560	4	short/bright
7	78.249083	78.249084	432	433	4.1	short/bright
8	53.687	53.6872	3405	3420	4	short/bright
9	65.307272	65.307273	2790	2795	3.8	short/bright
10	96.024057	96.024058	1819	1821	4.1	short/bright
11	161.79281	161.792830	2647	2648	4.9	shorter than a second, very bright