

## SETI ANALYSIS

Date	Feb 4, 2014	School	AAE Space Science	Teacher	Ms. Gaidzik
DOY	35	Local time starts	12:05 PM	Filename	spc00601_20140204_120555
Frame number	601	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	170.0244143	170.024414	0	3,618	Long, solid line
2					
3					
4					
5					

### B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	169.975586	169.975587	244.4	245.2	They are short enough to be candidates but same frequency.
2	169.975586	169.975587	360.3	361.3	They are short enough to be candidates but same frequency.
3	169.975586	169.975587	463	463.7	They are short enough to be candidates but same frequency.
4					
5					

### C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	180.139	180.140	1313.4	1314	3.8	Was short line for a second
2	58.9	59	465	469	3.8	Short line, strong
3	105.391	105.392	2511	2512	3.8	Short line
4	84.8406	84.8407	578.1	579	3.87	Short line, bright
5	84.542359	84.54246	873	874	3.8	Short line
6	198.2168	198.21681	139	140	3	Short line
7	181.71439	181.7144	2708.7	2709.7	3.8	Short line
8	179.65965	179.65966	1460	1461	3.8	Short line
9	153.73722	153.737221	2657	2658	3.8	Short line
10	166.52864	166.528647	290	291	3.65	Short line
11	141.48445	141.48446	2392.5	2393.5	3.8	Short line