

SETI ANALYSIS

Date	Feb 18, 2014	School	AAE GAVRT	Teacher	Mrs. Gaidzik		
DOY	49	Local time starts		Filename			
Frame number	100	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	70.0244143	70.0244144	0	2618	Long line. No breaks in the line. RFI, on for too long.
2	170.0244	170.0245	0	2890	Straight line
3					
4					
5					

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	144.75	144.8	1230	2135	CS: 3.5-4.5
2	138.5	138.6	1274	2180	CS: 3.5-4.5
3					
4					
5					

C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	19.08	20	2065.1	2070	3.81	Strong, short line
2	8	10	0	500	10	Short line
3	39.861	39.878	850.4	853.6	3.68	Short line with high power
4	39.80	43	850	860	3.8	Strong line for minimal time limit
5	59.886978	59.886979	310.0	311.3	4.5	Strong power and short time
6	85.32751	86.327514	1718.6	1718.8	4.0	Strong line on for a short time
7	65.1620	65.1630	110	112	4	Strong source on for a short time
8	107.5	107.6	2800	2810	10.00	CS: 3.7-5.0
9	132	133	2300	2355	4.25	CS: 3.5-7.5
10	2208.0	2211.0	197.440	197.455	4.5	On for a short time
11	189.380	189.381	1969.6	1970.7	4.2	On for a short time