

SETI ANALYSIS

Date	Feb 4, 2014	School	AAE Space Science	Teacher	Mrs. Gaidzik
DOY	35	Local time starts	11:41 AM	Filename	spec00599_20140131_114122
Frame number	599	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	1	1.5	0	3623.9	on too long
2	50	100	0	3623.9	Color Scale: 3-5 Red
3	126.335	126.340	2420	2440	Color scale: 3-5 Bright yellow
4	100	100.1	0	3623.9	Interference, too long
5	70.02	70.03	2095	2150	Color scale: 3-5 Bright white/short

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	42.8	42.9	1655	1660	could be a candidate
2	90	95	780	800	Color scale: 3-5 Red
3					
4					
5					

C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	48.6	48.8	1945	1956	4.5	short time
2	9.3	9.5	3349	3351	4.4	really short time
3	126.335	126.340	2420	2440		Color scale 3-5 bright yellow
4	70.02	70.03	2095	2150		Color scale: 3-5 white
5	126.33728	126.337281	2434	2434.8	18.71	Color scale 4-5
6	126.640890	126.640901	1329	1330.5	18.71	Color scale: 3-5
7	126.33	126.34	2434	2435	18.71	Color scale: 3.5-5
8	146.018740	146.018750	1390.5	1392	18.71	Color scale: 3.5-5
9	161.78	161.80	820	840	18.71	Color scale: 4-5 red, bright
10						
11						