

SETI ANALYSIS

Date	3/18/14	School	AAE	Teacher	Mrs. Guidzik		
DOY	77	Local time starts	12:02	Filename			
Frame number	523		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	860	870	34.2	34.3	red, on for a short time
2	70.2044143	70.0244144	0	3623.9	on for too long
3	89.32	89.033	2210	2280	very long but squigly
4	90.027	90.029	2200	2300	
5	91.72	91.73	2240	2280	
6	170.024414	170.024415	0	3623.9	masked out
6	190.406	190.407	1764	1768	cs: 3-5

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	0.0206	0.0209	2200	2300	Zigzag
2	199.9759	199.976	2976	2612	yellow/ c:s: 3-5
3	197.485	197.486	2976	29.8	yellow/ c:s 3-5
4	191.626497	191.626499	2855	2856.5	yellow/ c:s 4-5

C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	25.03296	25.03306	2200	2270	3.0-5.0	multiple dots general area
2	37.96	37.97	211.7	2119	4.5	short, strong line
3	62.037287	62.037288	430	440	4	short bright
4	71.411643	71.411644	3070	3080	4	short bright
5	74.489	74.491	3390	3392	4	short bright
6	99.78127	99.78129	375	385	4	short bright
7	64.5742	64.5743	228	229	4	short bright
8	146.218	146.219	72.4	73.3	4.4	
9	119.4	119.5	1821.9	1823	4	red
10	122.027	122.028	2269.5	2270.5	4	
11	108.813	108.815	125	127	3.8	dark red

12	141.138	141.139	2762.7	2763.7	4	
13	159.107115	154.107116	1854	1855	14.32	c:s: 4-5/ bright yellow