

### SETI ANALYSIS

Date	1/17/2019	School	AAE Space Science	Teacher	Ms. Gaidzik		
DOY	17	Local time starts		Filename	spc00542_20190111_100144		
Frame number		542	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	0.022	0.026	0	3600	On too long, too strong
2	69.9763	69.9764	0	3600	On too long, too strong
3	70.025	70.026	0	3600	On too long, too strong
4	98.007	98.008	0	3600	On too long, too strong
5	100.025	100.026	0	3600	On too long, too strong
6	169.9767	169.9768	0	3600	On too long, too strong
7	170.02558	170.02562	0	3600	On too long, too strong

#### B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1					
2					

#### C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	7.542873	7.542874	1758	1759	3.8	Average power, very brief
2	37.229850	37.229851	101	103	3.6	Average power, not as brief
3	61.835397	61.835398	1191	1192	4.0	Average power, very brief
4	77.129992	77.129993	1427	1429	4.1	Average power, not as brief
5	98.901730	98.901731	1714	1716	4.2	Average power, very brief
6	107.891815	107.891816	1815	1816	3.8	Average power, very brief
7	122.576855	122.576856	7.0	9.0	3.9	Average power, not as brief
8	164.673291	164.673292	1634	1635	3.8	Average power, very brief
9	190.699189	190.699190	1352	1353	3.9	Average power, very brief
10	197.673840	197.673841	296	297	4.9	Strong power, very brief
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