

### SETI ANALYSIS

Date	2/26/2020	School	AAE Space Science	Teacher	Ms. Gaidzik		
DOY	57	Local time starts		Filename	spc00014_20190329_090410		
Frame number	014	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	0.02217	0.02218	0	3630	
2	0.021275	0.0212759	0	3630	
3	0.0248	0.0249	0	3630	
4	69.9763	69.9764	0	3630	
5	70.0251	70.0252	0	3630	
6	100.0217	100.0254	0	3630	
7	170.0256	170.02565	0	3630	
8	169.815	169.830	0	3630	
9	169.9767	169.9769	0	3630	
10	170.223	170.236	0	3630	

#### B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	98.0076625	98.0076626	2500	2800	Multiple signals

#### C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	1.6795963	1.6795964	1260	1261	3.7	
2	37.7143457	37.7143458	714	716	3.9	
3	53.5348176	53.5348177	695	697	3.8	
4	82.0499479	82.0499480	2462	2464	3.9	
5	128.8821846	128.8821847	2308	2310	3.7	
6	140.5967652	140.5967653	456	458	4.1	
7	150.9051382	150.9051383	1678	1680	3.9	
8	179.5169979	179.5169980	353	354	3.8	
9	191.0407587	191.0407588	306	307	3.9	
10	198.41348	198.41350	139	141	3.8	