

SETI ANALYSIS

Date	2/27/2020	School	AAE Space Science	Teacher	Ms. Gaidzik		
DOY	58	Local time starts		Filename	spc00540_20200226_075812		
Frame number	540	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	70.0244	70.0245	0	3630	
2	69.9755	69.9756	0	3630	
3	170.0244	170.0245	0	3630	
4	32.0128	32.0134	0	3630	
5	5.0661	5.0676	0	3630	
6	69.9741	69.9743	0	3630	
7	70.0230	70.0231	0	3630	
8	98.0071	98.0078	0	3630	
9	180.028	180.0282	0	3630	
10	180.0768	180.0771	0	3630	
11	169.9755	169.9756	0	3630	

B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
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C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	2.3752093	2.3752094	2291	2293	3.7	
2	25.9456425	25.9456426	3137	3138	3.7	
3	27.3671776	27.3671777	1451	1453	3.9	
4	32.5899928	32.5899929	740	742	3.8	
5	33.4739342	33.4739343	237	239	4.1	
6	52.8081327	52.8081328	2146	2148	4.0	
7	55.7809680	55.7809681	1431	1433	3.9	
8	76.9308820	76.9308821	3392	3394	4.7	
9	113.3043065	113.3043066	2570	2571	3.8	

10	120.3861057	120.3861058	563	565	4.0	
11	129.7081455	129.7081456	2898	2900	3.9	
12	159.2502340	159.2502341	2464	2465	3.9	
13	189.576244	189.576245	1426	1428	3.7	
14	191.2854611	191.2854612	1918	1920	3.9	
15	199.9177888	199.9177889	2072	2074	3.8	