

### SETI ANALYSIS

Date	10/16/2014	School	Monrovia High School	Teacher	Thompson		
DOY		Local time starts		Filename	spc00001_20141009_101913		
Frame number		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	70.024414	70.024415	0	2650	One long line at approximately 7 on the color scale
2	170.024414	170.024415	0	2650	One long line at approximately 8 on the color scale
3					
4					
5					

#### B. Possible Instrumental noise or Interference

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Comments
1	0	200	707	709	Looks like broadband noise/interference, but can't fully rule out candidate
2	0	200	728	731	Looks like broadband noise/interference, but can't fully rule out candidate
3	0	200	232	235	Looks like broadband noise/interference, but can't fully rule out candidate
4	0	200	226	229	Looks like broadband noise/interference, but can't fully rule out candidate
5	0	200	1226	1229	Looks like broadband noise/interference, but can't fully rule out candidate

#### C. Candidates

Number	Start Freq. (MHz)	End Freq. (MHz)	Start time (sec)	End time (sec)	Power (aprox) (dB)	Comments
1	184.886797	184.886798	1993.9	1994.6	3.7	brief interference, short enough to be candidate
2	142.9952532	142.9952533	2481.7	2482.4	3.8	brief interference, short enough to be candidate
3	51.2952238	51.2952239	1066	1066.8	3.6	brief interference, short enough to be candidate
4	140.1127755	140.1127756	796.6	797.4	4	brief interference, short enough to be candidate
5						
6						
7						
8						
9						
10						
11						