

SETI ANALYSIS

| | | | | | | | |
|------------------------|-----------------|-----------------------|-----|----------|--------------------------|-----------|--|
| Date | April 14 , 2016 | School | AAE | Teacher | Space Science | | |
| DOY | 105 | Local time starts | | Filename | spc00172_20131219_104330 | | |
| Frame number | 00172 | 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 | 70.02 | 70.03 | 0 | 3618 | no comments |
| 2 | 170.024 | 170.025 | 0 | 3618 | no comments |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

B. Possible Instrumental noise or Interference

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Comments |
|--------|-------------------|-----------------|------------------|----------------|-------------|
| 1 | 76.24 | 76.26 | 800.0 | 810.0 | no comments |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

C. Candidates

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Power (aprox) (dB) | Comments |
|--------|-------------------|-----------------|------------------|----------------|--------------------|----------------------|
| 1 | 36.55972 | 36.5972 | 1547.5 | 1548.5 | 4.1 | no comments |
| 2 | 57.59374 | 57.59375 | 2008.6 | 2009.3 | 4.0 | no comments |
| 3 | 14.042042 | 14.042043 | 166.0 | 167.0 | 4.0 | no comments |
| 4 | 195.43550 | 195.43550 | 764.0 | 767.0 | 4.0 | no comment |
| 5 | 76.24990 | 76.25005 | 812.5 | 812.5 | 4.5 | two difference plots |
| 6 | | | | | | |
| 7 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 10 | | | | | | |
| 11 | | | | | | |