

SETI ANALYSIS

| | | | | | | |
|------------------------|-----------|-------------------|-----------------------|----------|--------------------------|-----------|
| Date | 2/22/2019 | School | AAE Space Science | Teacher | Ms. Gaidzik | |
| DOY | 51 | Local time starts | | Filename | spc00506_20150522_075000 | |
| Frame number | | 506 | 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 | 170.02441 | 170.02442 | 0 | 3628 | |
| 2 | 70.02441 | 70.02442 | 0 | 3628 | |
| 3 | 0.0221 | 0.0222 | 0 | 3628 | |
| 4 | 98.00765 | 98.00775 | 0 | 3628 | |
| 5 | | | | | |

B. Possible Instrumental noise or Interference

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Comments |
|--------|-------------------|-----------------|------------------|----------------|----------|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

C. Candidates

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Power (aprox) (dB) | Comments |
|--------|-------------------|-----------------|------------------|----------------|--------------------|----------|
| 1 | 0.009180 | 0.009181 | 219 | 221 | 4.6 | |
| 2 | 55.005225 | 55.005226 | 2928 | 2930 | 4.9 | |
| 3 | 106.074570 | 106.074571 | 1205 | 1206 | 4.6 | |
| 4 | 156.519200 | 156.519201 | 1787 | 1789 | 3.9 | |
| 5 | 157.103683 | 157.103684 | 2538 | 2539 | 4.4 | |
| 6 | 197.682611 | 197.682612 | 808 | 810 | 5.0 | |
| 7 | 23.368740 | 2.368750 | 1688 | 1690 | 4.0 | |
| 8 | 96.65567 | 96.65568 | 3154 | 3156 | 4.3 | |
| 9 | 165.208850 | 165.208860 | 1245 | 1247 | 4.0 | |
| 10 | 180.005465 | 180.005466 | 1160 | 1162 | 4.1 | |
| 11 | | | | | | |