

SETI ANALYSIS

| | | | | | | | |
|------------------------|---------|-----------------------|-----|----------|--------------------------|-----------|--|
| Date | 4/15/16 | School | AAE | Teacher | Space Science | | |
| DOY | 106 | Local time starts | | Filename | spc00519_20140404_114606 | | |
| Frame number | 00519 | 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 | 70.024 | 70.025 | 0 | 3618 | |
| 2 | 170.024 | 170.025 | 0 | 3618 | |
| 3 | 0.22 | 0.29 | 0 | 3618 | |
| 4 | 0.009 | 0.010 | 0 | 3618 | |
| 5 | | | | | |

B. Possible Instrumental noise or Interference

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Comments |
|--------|-------------------|-----------------|------------------|----------------|----------|
| 1 | 0 | 0.5 | 1038.5 | 1039.0 | |
| 2 | 0 | 0.15 | 1629.4 | 1630.0 | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |

C. Candidates

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Power (aprox) (dB) | Comments |
|--------|-------------------|-----------------|------------------|----------------|--------------------|----------|
| 1 | 1.4 | 1.5 | 981.0 | 9191.5 | 5.0 | |
| 2 | 1.35 | 1.40 | 918.4 | 919.5 | 3.0 | |
| 3 | 13.00 | 14.00 | 738.0 | 739.0 | 4.0 | |
| 4 | 105.88 | 105.89 | 957.0 | 948.0 | 5.0 | |
| 5 | 101.38 | 101.40 | 1460.0 | 1461.5 | 4.4 | |
| 6 | 199.07 | 129.08 | 244.0 | 245.6 | 3.5 | |
| 7 | 140.503 | 140.504 | 140.503 | 140.504 | 3.5 | |
| 8 | 104.50 | 104.51 | 1286.0 | 1287.0 | 4.3 | |
| 9 | 129.07 | 129.08 | 244.0 | 244.6 | 3.5 | |
| 10 | | | | | | |
| 11 | | | | | | |