

SETI ANALYSIS

| | | | | | | | |
|------------------------|---------|-----------------------|--------|----------|--------------------------|-----------|--|
| Date | 1/25/18 | School | AAE | Teacher | Space Science | | |
| DOY | 25 | Local time starts | 105614 | Filename | spc00093_20141203_105614 | | |
| Frame number | 00093 | 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 | 70.0244143 | 70.0244144 | 0 | 3600 | On too long |
| 2 | 170.0244143 | 170.0244144 | 0 | 3600 | On too long |
| 3 | | | | | |
| 4 | | | | | |
| 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 | 18.346002 | 18.346003 | 81 | 82 | 3.7 | On for .8 sec |
| 2 | 101.738041 | 101.738042 | 1931 | 1935 | 4.2 | On for .8 sec |
| 3 | 18.328890 | 18.328891 | 542 | 544 | 3.8 | On for. 8 sec |
| 4 | 110.768617 | 110.768618 | 2991 | 2992 | 4.1 | On for .8 sec |
| 5 | 21.2185636 | 21.2185637 | 3071 | 3073 | 4.2 | On for .8 sec |
| 6 | 116.136290 | 116.136291 | 760 | 761 | 3.9 | On for.8 sec |
| 7 | 35.913687 | 35.913688 | 2317 | 2319 | 3.9 | On for.7 sec |
| 8 | 125.364686 | 125.364687 | 3540 | 3541 | 4.4 | On for .8 sec |
| 9 | 38.4011641 | 38.4011642 | 1506 | 1508 | 4.6 | On for .8 sec |
| 10 | 153.058860 | 153.058870 | 1811 | 1813 | 4.2 | On for .7 sec |
| 11 | | | | | | |