

Chase Hanson

SETI ANALYSIS

| | | | | | | | |
|------------------------|----------|-------------------|-----------------------|----------|--------------------------|--|-----------|
| Date | 1/11/18 | School | AAE | Teacher | Space Science | | |
| DOY | 11 | Local time starts | 083442 | Filename | spc00030_20150105_083442 | | |
| Frame number | spc00030 | | 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 | 70.02441 | 70.02442 | 0 | 3600 | on too long |
| 2 | 170.02441 | 170.02442 | 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 | 2.080473 | 2.080474 | 1834 | 1836 | 4.1 | on for 0.7 seconds |
| 2 | 18.923975 | 18.923976 | 963 | 965 | 4.0 | on for 0.7 seconds |
| 3 | 35.430902 | 35.430903 | 204 | 206 | 4.2 | on for 0.7 seconds |
| 4 | 59.939383 | 59.939384 | 2132 | 2134 | 3.8 | on for 0.7 seconds |
| 5 | 69.604812 | 69.604813 | 2399 | 2401 | 4.2 | on for 0.8 seconds |
| 6 | 70.577505 | 70.577506 | 953 | 955 | 4.0 | on for 0.8 seconds |
| 7 | 105.636551 | 105.636553 | 140 | 142 | 3.8 | on for 0.8 seconds |
| 8 | 156.962494 | 156.962495 | 983 | 985 | 3.7 | on for 0.7 seconds |
| 9 | 160.666632 | 160.666633 | 1187 | 1188 | 3.7 | on for 0.7 seconds |
| 10 | 169.026420 | 169.026422 | 381 | 382 | 4.0 | on for 0.7 seconds |
| 11 | 177.1272823 | 177.1272824 | 1187 | 1189 | 4.3 | on for 0.7 seconds |