

### SETI ANALYSIS

|                        |         |                       |         |          |                          |           |
|------------------------|---------|-----------------------|---------|----------|--------------------------|-----------|
| Date                   | 2-26-15 | School                | AAE     | Teacher  | Ms. Gaidzik              |           |
| DOY                    | 57      | Local time starts     | 9:10:58 | Filename | spc00236_20140211_041058 |           |
| Frame number           | 236     | 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          | 70.02992        | 0                | 2700           | on too long, stops abruptly |
| 2      |                   |                 |                  |                |                             |
| 3      |                   |                 |                  |                |                             |
| 4      |                   |                 |                  |                |                             |
| 5      |                   |                 |                  |                |                             |

#### B. Possible Instrumental noise or Interference

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Comments   |
|--------|-------------------|-----------------|------------------|----------------|--|
| 1      | 170.02991         | 170.02992       | 2690             | 2790           | On for longer than candidates, but not long enough to be interference. Many strong points. |
| 2      | 0.022016          | 0.022017        | 2590             | 2610           | Broken up. Could be candidate.   |
| 3      | 0.022017          | 0.022018        | 2500             | 2650           | Broken up. Could be candidate.   |
| 4      | 0.022019          | 0.022020        | 2650             | 2800           | Broken up. Could be candidate.   |
| 5      | 0.022017          | 0.022018        | 1700             | 2700           | Broken up. Probably not candidate.   |

#### C. Candidates

| Number | Start Freq. (MHz) | End Freq. (MHz) | Start time (sec) | End time (sec) | Power (aprox) (dB) | Comments |
|--------|-------------------|-----------------|------------------|----------------|--------------------|----------|
| 1      |                   |                 |                  |                |                    |          |
| 2      |                   |                 |                  |                |                    |          |
| 3      |                   |                 |                  |                |                    |          |
| 4      |                   |                 |                  |                |                    |          |
| 5      |                   |                 |                  |                |                    |          |
| 6      |                   |                 |                  |                |                    |          |
| 7      |                   |                 |                  |                |                    |          |
| 8      |                   |                 |                  |                |                    |          |
| 9      |                   |                 |                  |                |                    |          |
| 10     |                   |                 |                  |                |                    |          |
| 11     |                   |                 |                  |                |                    |          |