

## 6.5. Statistical Performance Check

Y=Detected; N=Non-detected

| Operating Freq (MHz) | Radar Type                  | Test Result | Limit |
|----------------------|-----------------------------|-------------|-------|
| ☒5270                | 1                           | 100%        | 60%   |
|                      | 2                           | 100%        | 60%   |
|                      | 3                           | 100%        | 60%   |
|                      | 4                           | 100%        | 60%   |
|                      | Aggregate (Radar Types 1-4) | 100%        | 80%   |
|                      | 5                           | 97%         | 80%   |
|                      | 6                           | 100%        | 70%   |
| ☒5290                | 1                           | 100%        | 60%   |
|                      | 2                           | 100%        | 60%   |
|                      | 3                           | 100%        | 60%   |
|                      | 4                           | 100%        | 60%   |
|                      | Aggregate (Radar Types 1-4) | 100%        | 80%   |
|                      | 5                           | 87%         | 80%   |
|                      | 6                           | 100%        | 70%   |
| ☒5300                | 1                           | 100%        | 60%   |
|                      | 2                           | 100%        | 60%   |
|                      | 3                           | 100%        | 60%   |
|                      | 4                           | 100%        | 60%   |
|                      | Aggregate (Radar Types 1-4) | 100%        | 80%   |
|                      | 5                           | 97%         | 80%   |
|                      | 6                           | 100%        | 70%   |
| ☒5500                | 1                           | 100%        | 60%   |
|                      | 2                           | 100%        | 60%   |
|                      | 3                           | 100%        | 60%   |
|                      | 4                           | 100%        | 60%   |
|                      | Aggregate (Radar Types 1-4) | 100%        | 80%   |
|                      | 5                           | 97%         | 80%   |
|                      | 6                           | 100%        | 70%   |
| ☒5550                | 1                           | 100%        | 60%   |

|       |                                |      |     |
|-------|--------------------------------|------|-----|
|       | 2                              | 100% | 60% |
|       | 3                              | 100% | 60% |
|       | 4                              | 100% | 60% |
|       | Aggregate<br>(Radar Types 1-4) | 100% | 80% |
|       | 5                              | 97%  | 80% |
|       | 6                              | 100% | 70% |
| ☒5610 | 1                              | 100% | 60% |
|       | 2                              | 100% | 60% |
|       | 3                              | 100% | 60% |
|       | 4                              | 100% | 60% |
|       | Aggregate<br>(Radar Types 1-4) | 100% | 80% |
|       | 5                              | 97%  | 80% |
|       | 6                              | 100% | 70% |

**5270MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5270MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5270MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Number of Pulses | Waveform Length (μs) | conclusion |
|----------------------|------------|-----------------|----------|------------------|----------------------|------------|
| 0                    | 3          | 8.2             | 355.0    | 17               | 6035.0               | Y          |
| 1                    | 3          | 6.1             | 487.0    | 16               | 7792.0               | Y          |
| 2                    | 3          | 7.1             | 344.0    | 16               | 5504.0               | Y          |
| 3                    | 3          | 9.8             | 288.0    | 18               | 5184.0               | Y          |
| 4                    | 3          | 8.9             | 230.0    | 18               | 4140.0               | Y          |
| 5                    | 3          | 7.9             | 432.0    | 17               | 7344.0               | Y          |
| 6                    | 3          | 8.2             | 207.0    | 17               | 3519.0               | Y          |
| 7                    | 3          | 7.5             | 443.0    | 17               | 7531.0               | Y          |
| 8                    | 3          | 8.1             | 439.0    | 17               | 7463.0               | Y          |
| 9                    | 3          | 6.2             | 223.0    | 16               | 3568.0               | Y          |
| 10                   | 3          | 8.9             | 208.0    | 18               | 3744.0               | Y          |
| 11                   | 3          | 9.6             | 463.0    | 18               | 8334.0               | Y          |
| 12                   | 3          | 8.2             | 441.0    | 17               | 7497.0               | Y          |
| 13                   | 3          | 7.2             | 323.0    | 16               | 5168.0               | Y          |
| 14                   | 3          | 9.5             | 297.0    | 18               | 5346.0               | Y          |
| 15                   | 3          | 8.0             | 412.0    | 17               | 7004.0               | Y          |
| 16                   | 3          | 10.0            | 324.0    | 18               | 5832.0               | Y          |
| 17                   | 3          | 7.4             | 271.0    | 17               | 4607.0               | Y          |
| 18                   | 3          | 7.9             | 349.0    | 17               | 5933.0               | Y          |
| 19                   | 3          | 7.3             | 409.0    | 16               | 6544.0               | Y          |
| 20                   | 3          | 8.7             | 373.0    | 18               | 6714.0               | Y          |
| 21                   | 3          | 7.2             | 254.0    | 16               | 4064.0               | Y          |
| 22                   | 3          | 9.9             | 274.0    | 18               | 4932.0               | Y          |
| 23                   | 3          | 7.9             | 278.0    | 17               | 4726.0               | Y          |
| 24                   | 3          | 7.5             | 317.0    | 17               | 5389.0               | Y          |
| 25                   | 3          | 6.1             | 260.0    | 16               | 4160.0               | Y          |
| 26                   | 3          | 8.8             | 211.0    | 18               | 3798.0               | Y          |
| 27                   | 3          | 9.7             | 272.0    | 18               | 4896.0               | Y          |
| 28                   | 3          | 7.4             | 264.0    | 17               | 4488.0               | Y          |
| 29                   | 3          | 9.2             | 284.0    | 18               | 5112.0               | Y          |
| Detection rate: 100% |            |                 |          |                  |                      |            |

**5270MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5270MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | Y          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | Y          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | Y          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 97% |            |                  |                  |                  |                      |                        |            |

| Trial Number                                  |                  |                    | 0                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 71.5               | 13                | --                      | --                      | 382.157                               |
| 2                                             | 1                | 73.2               | 13                | --                      | --                      | 537.38                                |
| 3                                             | 1                | 95.5               | 13                | --                      | --                      | 301.44                                |
| 4                                             | 2                | 88.4               | 13                | 1280                    | --                      | 586.04                                |
| 5                                             | 2                | 64.8               | 13                | 1624                    | --                      | 322.44                                |
| 6                                             | 1                | 77.3               | 13                | --                      | --                      | 33.47                                 |
| 7                                             | 2                | 64.3               | 13                | 1035                    | --                      | 238.39                                |
| 8                                             | 1                | 97.4               | 13                | --                      | --                      | 422.7                                 |
| 9                                             | 1                | 60.5               | 13                | --                      | --                      | 589.16                                |
| 10                                            | 2                | 77.3               | 13                | 1797                    | --                      | 269.82                                |
| 11                                            | 1                | 60.3               | 13                | --                      | --                      | 14.29                                 |
| 12                                            | 1                | 99.3               | 13                | --                      | --                      | 734.54                                |
| 13                                            | 2                | 65.1               | 13                | 1528                    | --                      | 118.33                                |
| 14                                            | 2                | 56.9               | 13                | 1137                    | --                      | 496.3                                 |
| 15                                            | 1                | 86                 | 13                | --                      | --                      | 208.7                                 |
| 16                                            | 1                | 83.5               | 13                | --                      | --                      | 545                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 1                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 96.6               | 19                | 1441                    | 1588                    | 157.072                               |
| 2                                             | 2                | 57                 | 19                | 1003                    | --                      | 31.84                                 |
| 3                                             | 1                | 99.4               | 19                | --                      | --                      | 593.46                                |
| 4                                             | 3                | 51.4               | 19                | 1076                    | 1207                    | 174.33                                |
| 5                                             | 3                | 71.5               | 19                | 1105                    | 1860                    | 53.87                                 |
| 6                                             | 2                | 99.5               | 19                | 1009                    | --                      | 204.9                                 |
| 7                                             | 2                | 96.8               | 19                | 1888                    | --                      | 972.89                                |
| 8                                             | 2                | 62.8               | 19                | 1708                    | --                      | 421.81                                |
| 9                                             | 2                | 68.6               | 19                | 1979                    | --                      | 675.92                                |
| 10                                            | 1                | 52.2               | 19                | --                      | --                      | 905.33                                |
| 11                                            | 2                | 71.2               | 19                | 1891                    | --                      | 626.2                                 |
| 12                                            | 1                | 80.7               | 19                | --                      | --                      | 297.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>2</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>12</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 2                       | 73                        | 11                       | 1720                           | --                             | 60.341                                       |
| 2                                             | 2                       | 86.6                      | 11                       | 1086                           | --                             | 471.34                                       |
| 3                                             | 2                       | 52                        | 11                       | 1769                           | --                             | 149.46                                       |
| 4                                             | 3                       | 89.5                      | 11                       | 1050                           | 1774                           | 665.26                                       |
| 5                                             | 2                       | 91.3                      | 11                       | 1275                           | --                             | 763.12                                       |
| 6                                             | 1                       | 87.6                      | 11                       | --                             | --                             | 242.46                                       |
| 7                                             | 2                       | 95.7                      | 11                       | 1592                           | --                             | 386.09                                       |
| 8                                             | 1                       | 79.1                      | 11                       | --                             | --                             | 690.82                                       |
| 9                                             | 2                       | 63                        | 11                       | 1026                           | --                             | 448.47                                       |
| 10                                            | 3                       | 78.5                      | 11                       | 1233                           | 1434                           | 781.34                                       |
| 11                                            | 2                       | 71.4                      | 11                       | 1774                           | --                             | 534                                          |
| 12                                            | 2                       | 93.2                      | 11                       | 1268                           | --                             | 689.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>3</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>15</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 51.8                      | 12                       | 1987                           | 1673                           | 785.215                                      |
| 2                                             | 1                       | 67.1                      | 12                       | --                             | --                             | 304.74                                       |
| 3                                             | 2                       | 80.4                      | 12                       | 1189                           | --                             | 234.53                                       |
| 4                                             | 2                       | 57.2                      | 12                       | 1369                           | --                             | 400.36                                       |
| 5                                             | 3                       | 80.9                      | 12                       | 1841                           | 1377                           | 257.92                                       |
| 6                                             | 2                       | 66.8                      | 12                       | 1850                           | --                             | 641.28                                       |
| 7                                             | 2                       | 78.3                      | 12                       | 1566                           | --                             | 763.04                                       |
| 8                                             | 1                       | 95.7                      | 12                       | --                             | --                             | 315.89                                       |
| 9                                             | 2                       | 72.6                      | 12                       | 1987                           | --                             | 694.91                                       |
| 10                                            | 2                       | 86.1                      | 12                       | 1099                           | --                             | 12.39                                        |
| 11                                            | 3                       | 54.6                      | 12                       | 1547                           | 1020                           | 744.49                                       |
| 12                                            | 3                       | 82.4                      | 12                       | 1778                           | 1816                           | 623.75                                       |
| 13                                            | 2                       | 52.6                      | 12                       | 1943                           | --                             | 704.1                                        |
| 14                                            | 3                       | 88.8                      | 12                       | 1592                           | 1140                           | 155.2                                        |
| 15                                            | 2                       | 91.6                      | 12                       | 1430                           | --                             | 771.7                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| Trial Number                                  |                  |                    | 4                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 91.5               | 6                 | 1778                    | --                      | 131.166                               |
| 2                                             | 1                | 58.6               | 6                 | --                      | --                      | 306.44                                |
| 3                                             | 1                | 54.2               | 6                 | --                      | --                      | 157.68                                |
| 4                                             | 1                | 68.4               | 6                 | --                      | --                      | 464.16                                |
| 5                                             | 2                | 62.8               | 6                 | 1467                    | --                      | 725.57                                |
| 6                                             | 1                | 90.9               | 6                 | --                      | --                      | 277.06                                |
| 7                                             | 1                | 93.9               | 6                 | --                      | --                      | 278.94                                |
| 8                                             | 2                | 67.7               | 6                 | 1128                    | --                      | 83.93                                 |
| 9                                             | 2                | 57.2               | 6                 | 1328                    | --                      | 324.65                                |
| 10                                            | 2                | 77.5               | 6                 | 1726                    | --                      | 269.88                                |
| 11                                            | 1                | 53.8               | 6                 | --                      | --                      | 538.06                                |
| 12                                            | 2                | 56.7               | 6                 | 1884                    | --                      | 731.59                                |
| 13                                            | 3                | 50.7               | 6                 | 1243                    | 1550                    | 206.21                                |
| 14                                            | 2                | 86.2               | 6                 | 1189                    | --                      | 307.7                                 |
| 15                                            | 1                | 82.7               | 6                 | --                      | --                      | 208.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 5                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 90.1               | 15                | --                      | --                      | 1033.2                                |
| 2                                             | 2                | 80.7               | 15                | 1532                    | --                      | 510.9                                 |
| 3                                             | 1                | 99.6               | 15                | --                      | --                      | 454.39                                |
| 4                                             | 1                | 50.8               | 15                | --                      | --                      | 577.37                                |
| 5                                             | 1                | 60.7               | 15                | --                      | --                      | 101.54                                |
| 6                                             | 3                | 90                 | 15                | 1254                    | 1217                    | 724.3                                 |
| 7                                             | 2                | 89.1               | 15                | 1337                    | --                      | 977.24                                |
| 8                                             | 2                | 96.6               | 15                | 1506                    | --                      | 497.64                                |
| 9                                             | 1                | 76.3               | 15                | --                      | --                      | 19.63                                 |
| 10                                            | 1                | 55.9               | 15                | --                      | --                      | 793.8                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>6</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>16</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 57.1                      | 16                       | 1529                           | 1704                           | 329.074                                      |
| 2                                             | 2                       | 89.7                      | 16                       | 1153                           | --                             | 181.929                                      |
| 3                                             | 1                       | 57                        | 16                       | --                             | --                             | 661.73                                       |
| 4                                             | 3                       | 76.3                      | 16                       | 1421                           | 1729                           | 676.54                                       |
| 5                                             | 2                       | 85                        | 16                       | 1471                           | --                             | 195.28                                       |
| 6                                             | 2                       | 51.1                      | 16                       | 1777                           | --                             | 133.14                                       |
| 7                                             | 2                       | 87.4                      | 16                       | 1935                           | --                             | 235.39                                       |
| 8                                             | 1                       | 76.9                      | 16                       | --                             | --                             | 689.87                                       |
| 9                                             | 2                       | 53.7                      | 16                       | 1406                           | --                             | 108.86                                       |
| 10                                            | 1                       | 63.5                      | 16                       | --                             | --                             | 298.5                                        |
| 11                                            | 2                       | 71.6                      | 16                       | 1480                           | --                             | 455.93                                       |
| 12                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 458.73                                       |
| 13                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 655.32                                       |
| 14                                            | 1                       | 74.4                      | 16                       | --                             | --                             | 342.5                                        |
| 15                                            | 3                       | 57.1                      | 16                       | 1803                           | 1961                           | 253.6                                        |
| 16                                            | 2                       | 60.1                      | 16                       | 1173                           | --                             | 626.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>7</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>10</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 73.5                      | 17                       | --                             | --                             | 1027.02                                      |
| 2                                             | 1                       | 89.6                      | 17                       | --                             | --                             | 288.87                                       |
| 3                                             | 2                       | 96.4                      | 17                       | 1502                           | --                             | 940.16                                       |
| 4                                             | 1                       | 55.4                      | 17                       | --                             | --                             | 538.88                                       |
| 5                                             | 3                       | 77.4                      | 17                       | 1678                           | 1866                           | 313.88                                       |
| 6                                             | 3                       | 94.7                      | 17                       | 1377                           | 1225                           | 810.56                                       |
| 7                                             | 3                       | 87.8                      | 17                       | 1040                           | 1623                           | 571.58                                       |
| 8                                             | 3                       | 69.1                      | 17                       | 1265                           | 1703                           | 573.24                                       |
| 9                                             | 2                       | 93.1                      | 17                       | 1526                           | --                             | 732                                          |
| 10                                            | 2                       | 84.2                      | 17                       | 1218                           | --                             | 1135.7                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>8</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>17</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 99.9                      | 19                       | --                             | --                             | 379.224                                      |
| 2                                             | 3                       | 66.9                      | 19                       | 1884                           | 1117                           | 141.215                                      |
| 3                                             | 3                       | 93.9                      | 19                       | 1541                           | 1081                           | 385.095                                      |
| 4                                             | 1                       | 68.1                      | 19                       | --                             | --                             | 381.083                                      |
| 5                                             | 3                       | 64.4                      | 19                       | 1524                           | 1742                           | 555.971                                      |
| 6                                             | 1                       | 55.5                      | 19                       | --                             | --                             | 305.368                                      |
| 7                                             | 2                       | 75.7                      | 19                       | 1657                           | --                             | 524.546                                      |
| 8                                             | 2                       | 79.3                      | 19                       | 1445                           | --                             | 300.074                                      |
| 9                                             | 2                       | 92.5                      | 19                       | 1739                           | --                             | 217.191                                      |
| 10                                            | 1                       | 53.5                      | 19                       | --                             | --                             | 379.719                                      |
| 11                                            | 1                       | 76                        | 19                       | --                             | --                             | 408.816                                      |
| 12                                            | 2                       | 90.7                      | 19                       | 1974                           | --                             | 321.334                                      |
| 13                                            | 3                       | 50                        | 19                       | 1043                           | 1917                           | 429.582                                      |
| 14                                            | 3                       | 55.9                      | 19                       | 1721                           | 1782                           | 269.669                                      |
| 15                                            | 3                       | 62.5                      | 19                       | 1735                           | 1532                           | 392.247                                      |
| 16                                            | 2                       | 97.3                      | 19                       | 1930                           | --                             | 543.265                                      |
| 17                                            | 3                       | 64                        | 19                       | 1406                           | 1172                           | 103.082                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>9</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>8</b>                 |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 72.5                      | 12                       | --                             | --                             | 509.857                                      |
| 2                                             | 1                       | 82.2                      | 12                       | --                             | --                             | 164.27                                       |
| 3                                             | 2                       | 95.6                      | 12                       | 1652                           | --                             | 1336.41                                      |
| 4                                             | 3                       | 97.5                      | 12                       | 1913                           | 1669                           | 1403.44                                      |
| 5                                             | 3                       | 56.8                      | 12                       | 1289                           | 1286                           | 1431.47                                      |
| 6                                             | 1                       | 59.1                      | 12                       | --                             | --                             | 847.09                                       |
| 7                                             | 2                       | 79.4                      | 12                       | 1668                           | --                             | 1007.5                                       |
| 8                                             | 1                       | 57                        | 12                       | --                             | --                             | 1064.5                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                                  |                         |                           | <b>10</b>                |                                |                                |                                              |
|------------------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                               |                         |                           | <b>17</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                        |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                         | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                                    | 1                       | 78.3                      | 7                        | --                             | --                             | 66.832                                       |
| 2                                                    | 2                       | 84.7                      | 7                        | 1277                           | --                             | 533.498                                      |
| 3                                                    | 3                       | 66.8                      | 7                        | 1498                           | 1487                           | 363.275                                      |
| 4                                                    | 3                       | 85.1                      | 7                        | 1385                           | 1978                           | 101.033                                      |
| 5                                                    | 3                       | 50.6                      | 7                        | 1597                           | 1042                           | 240.291                                      |
| 6                                                    | 2                       | 70.9                      | 7                        | 1963                           | --                             | 359.558                                      |
| 7                                                    | 2                       | 52.6                      | 7                        | 1254                           | --                             | 587.176                                      |
| 8                                                    | 1                       | 99.2                      | 7                        | --                             | --                             | 324.064                                      |
| 9                                                    | 1                       | 99.4                      | 7                        | --                             | --                             | 661.481                                      |
| 10                                                   | 1                       | 60.8                      | 7                        | --                             | --                             | 618.299                                      |
| 11                                                   | 1                       | 98.1                      | 7                        | --                             | --                             | 161.846                                      |
| 12                                                   | 3                       | 71.3                      | 7                        | 1514                           | 1297                           | 681.744                                      |
| 13                                                   | 1                       | 71.1                      | 7                        | --                             | --                             | 57.432                                       |
| 14                                                   | 1                       | 64.2                      | 7                        | --                             | --                             | 614.609                                      |
| 15                                                   | 3                       | 94.2                      | 7                        | 1515                           | 1757                           | 3.997                                        |
| 16                                                   | 2                       | 90.2                      | 7                        | 1007                           | --                             | 409.465                                      |
| 17                                                   | 2                       | 94.5                      | 7                        | 1152                           | --                             | 96.682                                       |
| <b>Detection Check (Y=Detection; N=No Detection)</b> |                         |                           |                          |                                |                                | <b>Y</b>                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 12                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 13                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 95.8               | 14                | 1940                    | 1066                    | 135.166                               |
| 2                                             | 2                | 96.9               | 14                | 1620                    | --                      | 508.763                               |
| 3                                             | 2                | 64.3               | 14                | 1609                    | --                      | 877.786                               |
| 4                                             | 3                | 97.1               | 14                | 1568                    | 1125                    | 354.559                               |
| 5                                             | 2                | 69.8               | 14                | 1068                    | --                      | 329.312                               |
| 6                                             | 2                | 82                 | 14                | 1940                    | --                      | 103.175                               |
| 7                                             | 2                | 97                 | 14                | 1961                    | --                      | 131.808                               |
| 8                                             | 2                | 93.5               | 14                | 1084                    | --                      | 199.242                               |
| 9                                             | 3                | 59.3               | 14                | 1735                    | 1223                    | 244.985                               |
| 10                                            | 2                | 54.1               | 14                | 1500                    | --                      | 916.988                               |
| 11                                            | 1                | 86.7               | 14                | --                      | --                      | 784.231                               |
| 12                                            | 3                | 84.8               | 14                | 1763                    | 1920                    | 134.054                               |
| 13                                            | 2                | 99.9               | 14                | 1595                    | --                      | 885.077                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 13                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 53                 | 16                | 1035                    | --                      | 758.419                               |
| 2                                             | 2                | 94.5               | 16                | 1456                    | --                      | 599.82                                |
| 3                                             | 1                | 92.9               | 16                | --                      | --                      | 897.55                                |
| 4                                             | 3                | 50.5               | 16                | 1461                    | 1898                    | 387.44                                |
| 5                                             | 1                | 55.8               | 16                | --                      | --                      | 663.7                                 |
| 6                                             | 2                | 55.8               | 16                | 1153                    | --                      | 876.84                                |
| 7                                             | 1                | 96.8               | 16                | --                      | --                      | 258.85                                |
| 8                                             | 2                | 57.6               | 16                | 1472                    | --                      | 697.38                                |
| 9                                             | 1                | 52.8               | 16                | --                      | --                      | 238.05                                |
| 10                                            | 2                | 84.7               | 16                | 1477                    | --                      | 269.11                                |
| 11                                            | 2                | 92.9               | 16                | 1337                    | --                      | 540.7                                 |
| 12                                            | 2                | 61.8               | 16                | 1878                    | --                      | 662.5                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>22</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>11</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 82                        | 9                        | --                             | --                             | 172.917                                      |
| 2                                             | 1                       | 59.3                      | 9                        | --                             | --                             | 608.461                                      |
| 3                                             | 2                       | 89.6                      | 9                        | 1905                           | --                             | 424.392                                      |
| 4                                             | 1                       | 53.5                      | 9                        | --                             | --                             | 180.013                                      |
| 5                                             | 2                       | 68.9                      | 9                        | 1503                           | --                             | 348.334                                      |
| 6                                             | 2                       | 97.5                      | 9                        | 1399                           | --                             | 582.715                                      |
| 7                                             | 1                       | 65.1                      | 9                        | --                             | --                             | 909.895                                      |
| 8                                             | 2                       | 63.7                      | 9                        | 1299                           | --                             | 873.616                                      |
| 9                                             | 2                       | 57.5                      | 9                        | 1730                           | --                             | 417.387                                      |
| 10                                            | 3                       | 76.2                      | 9                        | 1237                           | 1939                           | 647.018                                      |
| 11                                            | 2                       | 83.3                      | 9                        | 1928                           | --                             | 781.609                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>23</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>15</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5270</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 57.1                      | 14                       | --                             | --                             | 65.901                                       |
| 2                                             | 1                       | 86.7                      | 14                       | --                             | --                             | 334.79                                       |
| 3                                             | 3                       | 91.2                      | 14                       | 1464                           | 1074                           | 722.8                                        |
| 4                                             | 2                       | 62.7                      | 14                       | 1790                           | --                             | 317.33                                       |
| 5                                             | 3                       | 80.8                      | 14                       | 1118                           | 1285                           | 129.98                                       |
| 6                                             | 2                       | 84.3                      | 14                       | 1360                           | --                             | 249.47                                       |
| 7                                             | 2                       | 64.6                      | 14                       | 1038                           | --                             | 25.27                                        |
| 8                                             | 2                       | 79.1                      | 14                       | 1527                           | --                             | 756.97                                       |
| 9                                             | 1                       | 86.8                      | 14                       | --                             | --                             | 409.03                                       |
| 10                                            | 2                       | 78.2                      | 14                       | 1256                           | --                             | 668.58                                       |
| 11                                            | 3                       | 50.4                      | 14                       | 1968                           | 1182                           | 306.55                                       |
| 12                                            | 2                       | 55.9                      | 14                       | 1089                           | --                             | 309.2                                        |
| 13                                            | 2                       | 67.9                      | 14                       | 1084                           | --                             | 236.1                                        |
| 14                                            | 3                       | 85                        | 14                       | 1065                           | 1119                           | 168.6                                        |
| 15                                            | 2                       | 78.1                      | 14                       | 1259                           | --                             | 728.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

|                        |  |  |           |  |  |  |
|------------------------|--|--|-----------|--|--|--|
| <b>Trial Number</b>    |  |  | <b>24</b> |  |  |  |
| <b>Bursts in Trial</b> |  |  | <b>16</b> |  |  |  |

| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 64.7               | 6                 | 1189                    | --                      | 620.783                               |
| 2                                             | 3                | 54.8               | 6                 | 1622                    | 1448                    | 256.86                                |
| 3                                             | 2                | 75.1               | 6                 | 1284                    | --                      | 23.87                                 |
| 4                                             | 1                | 71                 | 6                 | --                      | --                      | 303.19                                |
| 5                                             | 3                | 88.2               | 6                 | 1851                    | 1581                    | 385.32                                |
| 6                                             | 1                | 75.6               | 6                 | --                      | --                      | 597.77                                |
| 7                                             | 2                | 75.6               | 6                 | 1269                    | --                      | 435.6                                 |
| 8                                             | 1                | 82.6               | 6                 | --                      | --                      | 360.56                                |
| 9                                             | 2                | 96.8               | 6                 | 1761                    | --                      | 77.78                                 |
| 10                                            | 2                | 58.1               | 6                 | 1040                    | --                      | 173.34                                |
| 11                                            | 2                | 59.3               | 6                 | 1366                    | --                      | 737.85                                |
| 12                                            | 3                | 98.3               | 6                 | 1913                    | 1459                    | 603.56                                |
| 13                                            | 3                | 80.2               | 6                 | 1438                    | 1558                    | 374.67                                |
| 14                                            | 3                | 78.3               | 6                 | 1477                    | 1776                    | 335.3                                 |
| 15                                            | 3                | 82.7               | 6                 | 1555                    | 1484                    | 146.8                                 |
| 16                                            | 3                | 56.2               | 6                 | 1229                    | 1598                    | 79.4                                  |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5270              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5270MHz, Radar 6**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------------------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| Detection rate: 100% |            |                 |          |                |                    |                              |                          |            |

**5290MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5290MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5290MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 3          | 8.2                   | 355.0          | 17               | 6035.0                     | Y          |
| 1                    | 3          | 6.1                   | 487.0          | 16               | 7792.0                     | Y          |
| 2                    | 3          | 7.1                   | 344.0          | 16               | 5504.0                     | Y          |
| 3                    | 3          | 9.8                   | 288.0          | 18               | 5184.0                     | Y          |
| 4                    | 3          | 8.9                   | 230.0          | 18               | 4140.0                     | Y          |
| 5                    | 3          | 7.9                   | 432.0          | 17               | 7344.0                     | Y          |
| 6                    | 3          | 8.2                   | 207.0          | 17               | 3519.0                     | Y          |
| 7                    | 3          | 7.5                   | 443.0          | 17               | 7531.0                     | Y          |
| 8                    | 3          | 8.1                   | 439.0          | 17               | 7463.0                     | Y          |
| 9                    | 3          | 6.2                   | 223.0          | 16               | 3568.0                     | Y          |
| 10                   | 3          | 8.9                   | 208.0          | 18               | 3744.0                     | Y          |
| 11                   | 3          | 9.6                   | 463.0          | 18               | 8334.0                     | Y          |
| 12                   | 3          | 8.2                   | 441.0          | 17               | 7497.0                     | Y          |
| 13                   | 3          | 7.2                   | 323.0          | 16               | 5168.0                     | Y          |
| 14                   | 3          | 9.5                   | 297.0          | 18               | 5346.0                     | Y          |
| 15                   | 3          | 8.0                   | 412.0          | 17               | 7004.0                     | Y          |
| 16                   | 3          | 10.0                  | 324.0          | 18               | 5832.0                     | Y          |
| 17                   | 3          | 7.4                   | 271.0          | 17               | 4607.0                     | Y          |
| 18                   | 3          | 7.9                   | 349.0          | 17               | 5933.0                     | Y          |
| 19                   | 3          | 7.3                   | 409.0          | 16               | 6544.0                     | Y          |
| 20                   | 3          | 8.7                   | 373.0          | 18               | 6714.0                     | Y          |
| 21                   | 3          | 7.2                   | 254.0          | 16               | 4064.0                     | Y          |
| 22                   | 3          | 9.9                   | 274.0          | 18               | 4932.0                     | Y          |
| 23                   | 3          | 7.9                   | 278.0          | 17               | 4726.0                     | Y          |
| 24                   | 3          | 7.5                   | 317.0          | 17               | 5389.0                     | Y          |
| 25                   | 3          | 6.1                   | 260.0          | 16               | 4160.0                     | Y          |
| 26                   | 3          | 8.8                   | 211.0          | 18               | 3798.0                     | Y          |
| 27                   | 3          | 9.7                   | 272.0          | 18               | 4896.0                     | Y          |
| 28                   | 3          | 7.4                   | 264.0          | 17               | 4488.0                     | Y          |
| 29                   | 3          | 9.2                   | 284.0          | 18               | 5112.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5290MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5290MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | N          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | N          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | N          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 87% |            |                  |                  |                  |                      |                        |            |

| Trial Number                                  |                  |                    | 0                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 71.5               | 13                | --                      | --                      | 382.157                               |
| 2                                             | 1                | 73.2               | 13                | --                      | --                      | 537.38                                |
| 3                                             | 1                | 95.5               | 13                | --                      | --                      | 301.44                                |
| 4                                             | 2                | 88.4               | 13                | 1280                    | --                      | 586.04                                |
| 5                                             | 2                | 64.8               | 13                | 1624                    | --                      | 322.44                                |
| 6                                             | 1                | 77.3               | 13                | --                      | --                      | 33.47                                 |
| 7                                             | 2                | 64.3               | 13                | 1035                    | --                      | 238.39                                |
| 8                                             | 1                | 97.4               | 13                | --                      | --                      | 422.7                                 |
| 9                                             | 1                | 60.5               | 13                | --                      | --                      | 589.16                                |
| 10                                            | 2                | 77.3               | 13                | 1797                    | --                      | 269.82                                |
| 11                                            | 1                | 60.3               | 13                | --                      | --                      | 14.29                                 |
| 12                                            | 1                | 99.3               | 13                | --                      | --                      | 734.54                                |
| 13                                            | 2                | 65.1               | 13                | 1528                    | --                      | 118.33                                |
| 14                                            | 2                | 56.9               | 13                | 1137                    | --                      | 496.3                                 |
| 15                                            | 1                | 86                 | 13                | --                      | --                      | 208.7                                 |
| 16                                            | 1                | 83.5               | 13                | --                      | --                      | 545                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 1                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 96.6               | 19                | 1441                    | 1588                    | 157.072                               |
| 2                                             | 2                | 57                 | 19                | 1003                    | --                      | 31.84                                 |
| 3                                             | 1                | 99.4               | 19                | --                      | --                      | 593.46                                |
| 4                                             | 3                | 51.4               | 19                | 1076                    | 1207                    | 174.33                                |
| 5                                             | 3                | 71.5               | 19                | 1105                    | 1860                    | 53.87                                 |
| 6                                             | 2                | 99.5               | 19                | 1009                    | --                      | 204.9                                 |
| 7                                             | 2                | 96.8               | 19                | 1888                    | --                      | 972.89                                |
| 8                                             | 2                | 62.8               | 19                | 1708                    | --                      | 421.81                                |
| 9                                             | 2                | 68.6               | 19                | 1979                    | --                      | 675.92                                |
| 10                                            | 1                | 52.2               | 19                | --                      | --                      | 905.33                                |
| 11                                            | 2                | 71.2               | 19                | 1891                    | --                      | 626.2                                 |
| 12                                            | 1                | 80.7               | 19                | --                      | --                      | 297.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 2                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 73                 | 11                | 1720                    | --                      | 60.341                                |
| 2                                             | 2                | 86.6               | 11                | 1086                    | --                      | 471.34                                |
| 3                                             | 2                | 52                 | 11                | 1769                    | --                      | 149.46                                |
| 4                                             | 3                | 89.5               | 11                | 1050                    | 1774                    | 665.26                                |
| 5                                             | 2                | 91.3               | 11                | 1275                    | --                      | 763.12                                |
| 6                                             | 1                | 87.6               | 11                | --                      | --                      | 242.46                                |
| 7                                             | 2                | 95.7               | 11                | 1592                    | --                      | 386.09                                |
| 8                                             | 1                | 79.1               | 11                | --                      | --                      | 690.82                                |
| 9                                             | 2                | 63                 | 11                | 1026                    | --                      | 448.47                                |
| 10                                            | 3                | 78.5               | 11                | 1233                    | 1434                    | 781.34                                |
| 11                                            | 2                | 71.4               | 11                | 1774                    | --                      | 534                                   |
| 12                                            | 2                | 93.2               | 11                | 1268                    | --                      | 689.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 3                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 51.8               | 12                | 1987                    | 1673                    | 785.215                               |
| 2                                             | 1                | 67.1               | 12                | --                      | --                      | 304.74                                |
| 3                                             | 2                | 80.4               | 12                | 1189                    | --                      | 234.53                                |
| 4                                             | 2                | 57.2               | 12                | 1369                    | --                      | 400.36                                |
| 5                                             | 3                | 80.9               | 12                | 1841                    | 1377                    | 257.92                                |
| 6                                             | 2                | 66.8               | 12                | 1850                    | --                      | 641.28                                |
| 7                                             | 2                | 78.3               | 12                | 1566                    | --                      | 763.04                                |
| 8                                             | 1                | 95.7               | 12                | --                      | --                      | 315.89                                |
| 9                                             | 2                | 72.6               | 12                | 1987                    | --                      | 694.91                                |
| 10                                            | 2                | 86.1               | 12                | 1099                    | --                      | 12.39                                 |
| 11                                            | 3                | 54.6               | 12                | 1547                    | 1020                    | 744.49                                |
| 12                                            | 3                | 82.4               | 12                | 1778                    | 1816                    | 623.75                                |
| 13                                            | 2                | 52.6               | 12                | 1943                    | --                      | 704.1                                 |
| 14                                            | 3                | 88.8               | 12                | 1592                    | 1140                    | 155.2                                 |
| 15                                            | 2                | 91.6               | 12                | 1430                    | --                      | 771.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 4                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 91.5               | 6                 | 1778                    | --                      | 131.166                               |
| 2                                             | 1                | 58.6               | 6                 | --                      | --                      | 306.44                                |
| 3                                             | 1                | 54.2               | 6                 | --                      | --                      | 157.68                                |
| 4                                             | 1                | 68.4               | 6                 | --                      | --                      | 464.16                                |
| 5                                             | 2                | 62.8               | 6                 | 1467                    | --                      | 725.57                                |
| 6                                             | 1                | 90.9               | 6                 | --                      | --                      | 277.06                                |
| 7                                             | 1                | 93.9               | 6                 | --                      | --                      | 278.94                                |
| 8                                             | 2                | 67.7               | 6                 | 1128                    | --                      | 83.93                                 |
| 9                                             | 2                | 57.2               | 6                 | 1328                    | --                      | 324.65                                |
| 10                                            | 2                | 77.5               | 6                 | 1726                    | --                      | 269.88                                |
| 11                                            | 1                | 53.8               | 6                 | --                      | --                      | 538.06                                |
| 12                                            | 2                | 56.7               | 6                 | 1884                    | --                      | 731.59                                |
| 13                                            | 3                | 50.7               | 6                 | 1243                    | 1550                    | 206.21                                |
| 14                                            | 2                | 86.2               | 6                 | 1189                    | --                      | 307.7                                 |
| 15                                            | 1                | 82.7               | 6                 | --                      | --                      | 208.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 5                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 90.1               | 15                | --                      | --                      | 1033.2                                |
| 2                                             | 2                | 80.7               | 15                | 1532                    | --                      | 510.9                                 |
| 3                                             | 1                | 99.6               | 15                | --                      | --                      | 454.39                                |
| 4                                             | 1                | 50.8               | 15                | --                      | --                      | 577.37                                |
| 5                                             | 1                | 60.7               | 15                | --                      | --                      | 101.54                                |
| 6                                             | 3                | 90                 | 15                | 1254                    | 1217                    | 724.3                                 |
| 7                                             | 2                | 89.1               | 15                | 1337                    | --                      | 977.24                                |
| 8                                             | 2                | 96.6               | 15                | 1506                    | --                      | 497.64                                |
| 9                                             | 1                | 76.3               | 15                | --                      | --                      | 19.63                                 |
| 10                                            | 1                | 55.9               | 15                | --                      | --                      | 793.8                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>6</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>16</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5290</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 57.1                      | 16                       | 1529                           | 1704                           | 329.074                                      |
| 2                                             | 2                       | 89.7                      | 16                       | 1153                           | --                             | 181.929                                      |
| 3                                             | 1                       | 57                        | 16                       | --                             | --                             | 661.73                                       |
| 4                                             | 3                       | 76.3                      | 16                       | 1421                           | 1729                           | 676.54                                       |
| 5                                             | 2                       | 85                        | 16                       | 1471                           | --                             | 195.28                                       |
| 6                                             | 2                       | 51.1                      | 16                       | 1777                           | --                             | 133.14                                       |
| 7                                             | 2                       | 87.4                      | 16                       | 1935                           | --                             | 235.39                                       |
| 8                                             | 1                       | 76.9                      | 16                       | --                             | --                             | 689.87                                       |
| 9                                             | 2                       | 53.7                      | 16                       | 1406                           | --                             | 108.86                                       |
| 10                                            | 1                       | 63.5                      | 16                       | --                             | --                             | 298.5                                        |
| 11                                            | 2                       | 71.6                      | 16                       | 1480                           | --                             | 455.93                                       |
| 12                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 458.73                                       |
| 13                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 655.32                                       |
| 14                                            | 1                       | 74.4                      | 16                       | --                             | --                             | 342.5                                        |
| 15                                            | 3                       | 57.1                      | 16                       | 1803                           | 1961                           | 253.6                                        |
| 16                                            | 2                       | 60.1                      | 16                       | 1173                           | --                             | 626.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>7</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>10</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5290</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 73.5                      | 17                       | --                             | --                             | 1027.02                                      |
| 2                                             | 1                       | 89.6                      | 17                       | --                             | --                             | 288.87                                       |
| 3                                             | 2                       | 96.4                      | 17                       | 1502                           | --                             | 940.16                                       |
| 4                                             | 1                       | 55.4                      | 17                       | --                             | --                             | 538.88                                       |
| 5                                             | 3                       | 77.4                      | 17                       | 1678                           | 1866                           | 313.88                                       |
| 6                                             | 3                       | 94.7                      | 17                       | 1377                           | 1225                           | 810.56                                       |
| 7                                             | 3                       | 87.8                      | 17                       | 1040                           | 1623                           | 571.58                                       |
| 8                                             | 3                       | 69.1                      | 17                       | 1265                           | 1703                           | 573.24                                       |
| 9                                             | 2                       | 93.1                      | 17                       | 1526                           | --                             | 732                                          |
| 10                                            | 2                       | 84.2                      | 17                       | 1218                           | --                             | 1135.7                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |



| <b>Trial Number</b>                           |                         |                           | <b>8</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>17</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5290</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 99.9                      | 19                       | --                             | --                             | 379.224                                      |
| 2                                             | 3                       | 66.9                      | 19                       | 1884                           | 1117                           | 141.215                                      |
| 3                                             | 3                       | 93.9                      | 19                       | 1541                           | 1081                           | 385.095                                      |
| 4                                             | 1                       | 68.1                      | 19                       | --                             | --                             | 381.083                                      |
| 5                                             | 3                       | 64.4                      | 19                       | 1524                           | 1742                           | 555.971                                      |
| 6                                             | 1                       | 55.5                      | 19                       | --                             | --                             | 305.368                                      |
| 7                                             | 2                       | 75.7                      | 19                       | 1657                           | --                             | 524.546                                      |
| 8                                             | 2                       | 79.3                      | 19                       | 1445                           | --                             | 300.074                                      |
| 9                                             | 2                       | 92.5                      | 19                       | 1739                           | --                             | 217.191                                      |
| 10                                            | 1                       | 53.5                      | 19                       | --                             | --                             | 379.719                                      |
| 11                                            | 1                       | 76                        | 19                       | --                             | --                             | 408.816                                      |
| 12                                            | 2                       | 90.7                      | 19                       | 1974                           | --                             | 321.334                                      |
| 13                                            | 3                       | 50                        | 19                       | 1043                           | 1917                           | 429.582                                      |
| 14                                            | 3                       | 55.9                      | 19                       | 1721                           | 1782                           | 269.669                                      |
| 15                                            | 3                       | 62.5                      | 19                       | 1735                           | 1532                           | 392.247                                      |
| 16                                            | 2                       | 97.3                      | 19                       | 1930                           | --                             | 543.265                                      |
| 17                                            | 3                       | 64                        | 19                       | 1406                           | 1172                           | 103.082                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>9</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>8</b>                 |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5290</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 72.5                      | 12                       | --                             | --                             | 509.857                                      |
| 2                                             | 1                       | 82.2                      | 12                       | --                             | --                             | 164.27                                       |
| 3                                             | 2                       | 95.6                      | 12                       | 1652                           | --                             | 1336.41                                      |
| 4                                             | 3                       | 97.5                      | 12                       | 1913                           | 1669                           | 1403.44                                      |
| 5                                             | 3                       | 56.8                      | 12                       | 1289                           | 1286                           | 1431.47                                      |
| 6                                             | 1                       | 59.1                      | 12                       | --                             | --                             | 847.09                                       |
| 7                                             | 2                       | 79.4                      | 12                       | 1668                           | --                             | 1007.5                                       |
| 8                                             | 1                       | 57                        | 12                       | --                             | --                             | 1064.5                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| Trial Number                                  |                  |                    | 10                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 17                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 78.3               | 7                 | --                      | --                      | 66.832                                |
| 2                                             | 2                | 84.7               | 7                 | 1277                    | --                      | 533.498                               |
| 3                                             | 3                | 66.8               | 7                 | 1498                    | 1487                    | 363.275                               |
| 4                                             | 3                | 85.1               | 7                 | 1385                    | 1978                    | 101.033                               |
| 5                                             | 3                | 50.6               | 7                 | 1597                    | 1042                    | 240.291                               |
| 6                                             | 2                | 70.9               | 7                 | 1963                    | --                      | 359.558                               |
| 7                                             | 2                | 52.6               | 7                 | 1254                    | --                      | 587.176                               |
| 8                                             | 1                | 99.2               | 7                 | --                      | --                      | 324.064                               |
| 9                                             | 1                | 99.4               | 7                 | --                      | --                      | 661.481                               |
| 10                                            | 1                | 60.8               | 7                 | --                      | --                      | 618.299                               |
| 11                                            | 1                | 98.1               | 7                 | --                      | --                      | 161.846                               |
| 12                                            | 3                | 71.3               | 7                 | 1514                    | 1297                    | 681.744                               |
| 13                                            | 1                | 71.1               | 7                 | --                      | --                      | 57.432                                |
| 14                                            | 1                | 64.2               | 7                 | --                      | --                      | 614.609                               |
| 15                                            | 3                | 94.2               | 7                 | 1515                    | 1757                    | 3.997                                 |
| 16                                            | 2                | 90.2               | 7                 | 1007                    | --                      | 409.465                               |
| 17                                            | 2                | 94.5               | 7                 | 1152                    | --                      | 96.682                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 12                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 13                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 95.8               | 14                | 1940                    | 1066                    | 135.166                               |
| 2                                             | 2                | 96.9               | 14                | 1620                    | --                      | 508.763                               |
| 3                                             | 2                | 64.3               | 14                | 1609                    | --                      | 877.786                               |
| 4                                             | 3                | 97.1               | 14                | 1568                    | 1125                    | 354.559                               |
| 5                                             | 2                | 69.8               | 14                | 1068                    | --                      | 329.312                               |
| 6                                             | 2                | 82                 | 14                | 1940                    | --                      | 103.175                               |
| 7                                             | 2                | 97                 | 14                | 1961                    | --                      | 131.808                               |
| 8                                             | 2                | 93.5               | 14                | 1084                    | --                      | 199.242                               |
| 9                                             | 3                | 59.3               | 14                | 1735                    | 1223                    | 244.985                               |
| 10                                            | 2                | 54.1               | 14                | 1500                    | --                      | 916.988                               |
| 11                                            | 1                | 86.7               | 14                | --                      | --                      | 784.231                               |
| 12                                            | 3                | 84.8               | 14                | 1763                    | 1920                    | 134.054                               |
| 13                                            | 2                | 99.9               | 14                | 1595                    | --                      | 885.077                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 13                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 53                 | 16                | 1035                    | --                      | 758.419                               |
| 2                                             | 2                | 94.5               | 16                | 1456                    | --                      | 599.82                                |
| 3                                             | 1                | 92.9               | 16                | --                      | --                      | 897.55                                |
| 4                                             | 3                | 50.5               | 16                | 1461                    | 1898                    | 387.44                                |
| 5                                             | 1                | 55.8               | 16                | --                      | --                      | 663.7                                 |
| 6                                             | 2                | 55.8               | 16                | 1153                    | --                      | 876.84                                |
| 7                                             | 1                | 96.8               | 16                | --                      | --                      | 258.85                                |
| 8                                             | 2                | 57.6               | 16                | 1472                    | --                      | 697.38                                |
| 9                                             | 1                | 52.8               | 16                | --                      | --                      | 238.05                                |
| 10                                            | 2                | 84.7               | 16                | 1477                    | --                      | 269.11                                |
| 11                                            | 2                | 92.9               | 16                | 1337                    | --                      | 540.7                                 |
| 12                                            | 2                | 61.8               | 16                | 1878                    | --                      | 662.5                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 22                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 82                 | 9                 | --                      | --                      | 172.917                               |
| 2                                             | 1                | 59.3               | 9                 | --                      | --                      | 608.461                               |
| 3                                             | 2                | 89.6               | 9                 | 1905                    | --                      | 424.392                               |
| 4                                             | 1                | 53.5               | 9                 | --                      | --                      | 180.013                               |
| 5                                             | 2                | 68.9               | 9                 | 1503                    | --                      | 348.334                               |
| 6                                             | 2                | 97.5               | 9                 | 1399                    | --                      | 582.715                               |
| 7                                             | 1                | 65.1               | 9                 | --                      | --                      | 909.895                               |
| 8                                             | 2                | 63.7               | 9                 | 1299                    | --                      | 873.616                               |
| 9                                             | 2                | 57.5               | 9                 | 1730                    | --                      | 417.387                               |
| 10                                            | 3                | 76.2               | 9                 | 1237                    | 1939                    | 647.018                               |
| 11                                            | 2                | 83.3               | 9                 | 1928                    | --                      | 781.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 23                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 57.1               | 14                | --                      | --                      | 65.901                                |
| 2                                             | 1                | 86.7               | 14                | --                      | --                      | 334.79                                |
| 3                                             | 3                | 91.2               | 14                | 1464                    | 1074                    | 722.8                                 |
| 4                                             | 2                | 62.7               | 14                | 1790                    | --                      | 317.33                                |
| 5                                             | 3                | 80.8               | 14                | 1118                    | 1285                    | 129.98                                |
| 6                                             | 2                | 84.3               | 14                | 1360                    | --                      | 249.47                                |
| 7                                             | 2                | 64.6               | 14                | 1038                    | --                      | 25.27                                 |
| 8                                             | 2                | 79.1               | 14                | 1527                    | --                      | 756.97                                |
| 9                                             | 1                | 86.8               | 14                | --                      | --                      | 409.03                                |
| 10                                            | 2                | 78.2               | 14                | 1256                    | --                      | 668.58                                |
| 11                                            | 3                | 50.4               | 14                | 1968                    | 1182                    | 306.55                                |
| 12                                            | 2                | 55.9               | 14                | 1089                    | --                      | 309.2                                 |
| 13                                            | 2                | 67.9               | 14                | 1084                    | --                      | 236.1                                 |
| 14                                            | 3                | 85                 | 14                | 1065                    | 1119                    | 168.6                                 |
| 15                                            | 2                | 78.1               | 14                | 1259                    | --                      | 728.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

|              |  |  |    |  |  |  |
|--------------|--|--|----|--|--|--|
| Trial Number |  |  | 24 |  |  |  |
|--------------|--|--|----|--|--|--|

| <b>Bursts in Trial</b>                               |                         |                           | <b>16</b>                |                                |                                |                                              |
|------------------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Center Frequency (MHz)</b>                        |                         |                           | <b>5290</b>              |                                |                                |                                              |
| <b>Burst</b>                                         | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                                    | 2                       | 64.7                      | 6                        | 1189                           | --                             | 620.783                                      |
| 2                                                    | 3                       | 54.8                      | 6                        | 1622                           | 1448                           | 256.86                                       |
| 3                                                    | 2                       | 75.1                      | 6                        | 1284                           | --                             | 23.87                                        |
| 4                                                    | 1                       | 71                        | 6                        | --                             | --                             | 303.19                                       |
| 5                                                    | 3                       | 88.2                      | 6                        | 1851                           | 1581                           | 385.32                                       |
| 6                                                    | 1                       | 75.6                      | 6                        | --                             | --                             | 597.77                                       |
| 7                                                    | 2                       | 75.6                      | 6                        | 1269                           | --                             | 435.6                                        |
| 8                                                    | 1                       | 82.6                      | 6                        | --                             | --                             | 360.56                                       |
| 9                                                    | 2                       | 96.8                      | 6                        | 1761                           | --                             | 77.78                                        |
| 10                                                   | 2                       | 58.1                      | 6                        | 1040                           | --                             | 173.34                                       |
| 11                                                   | 2                       | 59.3                      | 6                        | 1366                           | --                             | 737.85                                       |
| 12                                                   | 3                       | 98.3                      | 6                        | 1913                           | 1459                           | 603.56                                       |
| 13                                                   | 3                       | 80.2                      | 6                        | 1438                           | 1558                           | 374.67                                       |
| 14                                                   | 3                       | 78.3                      | 6                        | 1477                           | 1776                           | 335.3                                        |
| 15                                                   | 3                       | 82.7                      | 6                        | 1555                           | 1484                           | 146.8                                        |
| 16                                                   | 3                       | 56.2                      | 6                        | 1229                           | 1598                           | 79.4                                         |
| <b>Detection Check (Y=Detection; N=No Detection)</b> |                         |                           |                          |                                |                                | <b>N</b>                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5290              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5290MHz, Radar 6**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------------------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| Detection rate: 100% |            |                 |          |                |                    |                              |                          |            |

**5300MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5300MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5300MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Number of Pulses | Waveform Length (μs) | conclusion |
|----------------------|------------|-----------------|----------|------------------|----------------------|------------|
| 0                    | 3          | 8.2             | 355.0    | 17               | 6035.0               | Y          |
| 1                    | 3          | 6.1             | 487.0    | 16               | 7792.0               | Y          |
| 2                    | 3          | 7.1             | 344.0    | 16               | 5504.0               | Y          |
| 3                    | 3          | 9.8             | 288.0    | 18               | 5184.0               | Y          |
| 4                    | 3          | 8.9             | 230.0    | 18               | 4140.0               | Y          |
| 5                    | 3          | 7.9             | 432.0    | 17               | 7344.0               | Y          |
| 6                    | 3          | 8.2             | 207.0    | 17               | 3519.0               | Y          |
| 7                    | 3          | 7.5             | 443.0    | 17               | 7531.0               | Y          |
| 8                    | 3          | 8.1             | 439.0    | 17               | 7463.0               | Y          |
| 9                    | 3          | 6.2             | 223.0    | 16               | 3568.0               | Y          |
| 10                   | 3          | 8.9             | 208.0    | 18               | 3744.0               | Y          |
| 11                   | 3          | 9.6             | 463.0    | 18               | 8334.0               | Y          |
| 12                   | 3          | 8.2             | 441.0    | 17               | 7497.0               | Y          |
| 13                   | 3          | 7.2             | 323.0    | 16               | 5168.0               | Y          |
| 14                   | 3          | 9.5             | 297.0    | 18               | 5346.0               | Y          |
| 15                   | 3          | 8.0             | 412.0    | 17               | 7004.0               | Y          |
| 16                   | 3          | 10.0            | 324.0    | 18               | 5832.0               | Y          |
| 17                   | 3          | 7.4             | 271.0    | 17               | 4607.0               | Y          |
| 18                   | 3          | 7.9             | 349.0    | 17               | 5933.0               | Y          |
| 19                   | 3          | 7.3             | 409.0    | 16               | 6544.0               | Y          |
| 20                   | 3          | 8.7             | 373.0    | 18               | 6714.0               | Y          |
| 21                   | 3          | 7.2             | 254.0    | 16               | 4064.0               | Y          |
| 22                   | 3          | 9.9             | 274.0    | 18               | 4932.0               | Y          |
| 23                   | 3          | 7.9             | 278.0    | 17               | 4726.0               | Y          |
| 24                   | 3          | 7.5             | 317.0    | 17               | 5389.0               | Y          |
| 25                   | 3          | 6.1             | 260.0    | 16               | 4160.0               | Y          |
| 26                   | 3          | 8.8             | 211.0    | 18               | 3798.0               | Y          |
| 27                   | 3          | 9.7             | 272.0    | 18               | 4896.0               | Y          |
| 28                   | 3          | 7.4             | 264.0    | 17               | 4488.0               | Y          |
| 29                   | 3          | 9.2             | 284.0    | 18               | 5112.0               | Y          |
| Detection rate: 100% |            |                 |          |                  |                      |            |

**5300MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5300MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | Y          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | Y          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | Y          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 97% |            |                  |                  |                  |                      |                        |            |

| <b>Trial Number</b>                           |                         |                           | <b>0</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>16</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 71.5                      | 13                       | --                             | --                             | 382.157                                      |
| 2                                             | 1                       | 73.2                      | 13                       | --                             | --                             | 537.38                                       |
| 3                                             | 1                       | 95.5                      | 13                       | --                             | --                             | 301.44                                       |
| 4                                             | 2                       | 88.4                      | 13                       | 1280                           | --                             | 586.04                                       |
| 5                                             | 2                       | 64.8                      | 13                       | 1624                           | --                             | 322.44                                       |
| 6                                             | 1                       | 77.3                      | 13                       | --                             | --                             | 33.47                                        |
| 7                                             | 2                       | 64.3                      | 13                       | 1035                           | --                             | 238.39                                       |
| 8                                             | 1                       | 97.4                      | 13                       | --                             | --                             | 422.7                                        |
| 9                                             | 1                       | 60.5                      | 13                       | --                             | --                             | 589.16                                       |
| 10                                            | 2                       | 77.3                      | 13                       | 1797                           | --                             | 269.82                                       |
| 11                                            | 1                       | 60.3                      | 13                       | --                             | --                             | 14.29                                        |
| 12                                            | 1                       | 99.3                      | 13                       | --                             | --                             | 734.54                                       |
| 13                                            | 2                       | 65.1                      | 13                       | 1528                           | --                             | 118.33                                       |
| 14                                            | 2                       | 56.9                      | 13                       | 1137                           | --                             | 496.3                                        |
| 15                                            | 1                       | 86                        | 13                       | --                             | --                             | 208.7                                        |
| 16                                            | 1                       | 83.5                      | 13                       | --                             | --                             | 545                                          |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>1</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>12</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 96.6                      | 19                       | 1441                           | 1588                           | 157.072                                      |
| 2                                             | 2                       | 57                        | 19                       | 1003                           | --                             | 31.84                                        |
| 3                                             | 1                       | 99.4                      | 19                       | --                             | --                             | 593.46                                       |
| 4                                             | 3                       | 51.4                      | 19                       | 1076                           | 1207                           | 174.33                                       |
| 5                                             | 3                       | 71.5                      | 19                       | 1105                           | 1860                           | 53.87                                        |
| 6                                             | 2                       | 99.5                      | 19                       | 1009                           | --                             | 204.9                                        |
| 7                                             | 2                       | 96.8                      | 19                       | 1888                           | --                             | 972.89                                       |
| 8                                             | 2                       | 62.8                      | 19                       | 1708                           | --                             | 421.81                                       |
| 9                                             | 2                       | 68.6                      | 19                       | 1979                           | --                             | 675.92                                       |
| 10                                            | 1                       | 52.2                      | 19                       | --                             | --                             | 905.33                                       |
| 11                                            | 2                       | 71.2                      | 19                       | 1891                           | --                             | 626.2                                        |
| 12                                            | 1                       | 80.7                      | 19                       | --                             | --                             | 297.1                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>2</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>12</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 2                       | 73                        | 11                       | 1720                           | --                             | 60.341                                       |
| 2                                             | 2                       | 86.6                      | 11                       | 1086                           | --                             | 471.34                                       |
| 3                                             | 2                       | 52                        | 11                       | 1769                           | --                             | 149.46                                       |
| 4                                             | 3                       | 89.5                      | 11                       | 1050                           | 1774                           | 665.26                                       |
| 5                                             | 2                       | 91.3                      | 11                       | 1275                           | --                             | 763.12                                       |
| 6                                             | 1                       | 87.6                      | 11                       | --                             | --                             | 242.46                                       |
| 7                                             | 2                       | 95.7                      | 11                       | 1592                           | --                             | 386.09                                       |
| 8                                             | 1                       | 79.1                      | 11                       | --                             | --                             | 690.82                                       |
| 9                                             | 2                       | 63                        | 11                       | 1026                           | --                             | 448.47                                       |
| 10                                            | 3                       | 78.5                      | 11                       | 1233                           | 1434                           | 781.34                                       |
| 11                                            | 2                       | 71.4                      | 11                       | 1774                           | --                             | 534                                          |
| 12                                            | 2                       | 93.2                      | 11                       | 1268                           | --                             | 689.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>3</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>15</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 51.8                      | 12                       | 1987                           | 1673                           | 785.215                                      |
| 2                                             | 1                       | 67.1                      | 12                       | --                             | --                             | 304.74                                       |
| 3                                             | 2                       | 80.4                      | 12                       | 1189                           | --                             | 234.53                                       |
| 4                                             | 2                       | 57.2                      | 12                       | 1369                           | --                             | 400.36                                       |
| 5                                             | 3                       | 80.9                      | 12                       | 1841                           | 1377                           | 257.92                                       |
| 6                                             | 2                       | 66.8                      | 12                       | 1850                           | --                             | 641.28                                       |
| 7                                             | 2                       | 78.3                      | 12                       | 1566                           | --                             | 763.04                                       |
| 8                                             | 1                       | 95.7                      | 12                       | --                             | --                             | 315.89                                       |
| 9                                             | 2                       | 72.6                      | 12                       | 1987                           | --                             | 694.91                                       |
| 10                                            | 2                       | 86.1                      | 12                       | 1099                           | --                             | 12.39                                        |
| 11                                            | 3                       | 54.6                      | 12                       | 1547                           | 1020                           | 744.49                                       |
| 12                                            | 3                       | 82.4                      | 12                       | 1778                           | 1816                           | 623.75                                       |
| 13                                            | 2                       | 52.6                      | 12                       | 1943                           | --                             | 704.1                                        |
| 14                                            | 3                       | 88.8                      | 12                       | 1592                           | 1140                           | 155.2                                        |
| 15                                            | 2                       | 91.6                      | 12                       | 1430                           | --                             | 771.7                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>4</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>15</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 2                       | 91.5                      | 6                        | 1778                           | --                             | 131.166                                      |
| 2                                             | 1                       | 58.6                      | 6                        | --                             | --                             | 306.44                                       |
| 3                                             | 1                       | 54.2                      | 6                        | --                             | --                             | 157.68                                       |
| 4                                             | 1                       | 68.4                      | 6                        | --                             | --                             | 464.16                                       |
| 5                                             | 2                       | 62.8                      | 6                        | 1467                           | --                             | 725.57                                       |
| 6                                             | 1                       | 90.9                      | 6                        | --                             | --                             | 277.06                                       |
| 7                                             | 1                       | 93.9                      | 6                        | --                             | --                             | 278.94                                       |
| 8                                             | 2                       | 67.7                      | 6                        | 1128                           | --                             | 83.93                                        |
| 9                                             | 2                       | 57.2                      | 6                        | 1328                           | --                             | 324.65                                       |
| 10                                            | 2                       | 77.5                      | 6                        | 1726                           | --                             | 269.88                                       |
| 11                                            | 1                       | 53.8                      | 6                        | --                             | --                             | 538.06                                       |
| 12                                            | 2                       | 56.7                      | 6                        | 1884                           | --                             | 731.59                                       |
| 13                                            | 3                       | 50.7                      | 6                        | 1243                           | 1550                           | 206.21                                       |
| 14                                            | 2                       | 86.2                      | 6                        | 1189                           | --                             | 307.7                                        |
| 15                                            | 1                       | 82.7                      | 6                        | --                             | --                             | 208.1                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>5</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>10</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 90.1                      | 15                       | --                             | --                             | 1033.2                                       |
| 2                                             | 2                       | 80.7                      | 15                       | 1532                           | --                             | 510.9                                        |
| 3                                             | 1                       | 99.6                      | 15                       | --                             | --                             | 454.39                                       |
| 4                                             | 1                       | 50.8                      | 15                       | --                             | --                             | 577.37                                       |
| 5                                             | 1                       | 60.7                      | 15                       | --                             | --                             | 101.54                                       |
| 6                                             | 3                       | 90                        | 15                       | 1254                           | 1217                           | 724.3                                        |
| 7                                             | 2                       | 89.1                      | 15                       | 1337                           | --                             | 977.24                                       |
| 8                                             | 2                       | 96.6                      | 15                       | 1506                           | --                             | 497.64                                       |
| 9                                             | 1                       | 76.3                      | 15                       | --                             | --                             | 19.63                                        |
| 10                                            | 1                       | 55.9                      | 15                       | --                             | --                             | 793.8                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

|                               |  |  |             |  |  |  |
|-------------------------------|--|--|-------------|--|--|--|
| <b>Trial Number</b>           |  |  | <b>6</b>    |  |  |  |
| <b>Bursts in Trial</b>        |  |  | <b>16</b>   |  |  |  |
| <b>Center Frequency (MHz)</b> |  |  | <b>5300</b> |  |  |  |

| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| 1                                             | 3                | 57.1               | 16                | 1529                    | 1704                    | 329.074                               |
| 2                                             | 2                | 89.7               | 16                | 1153                    | --                      | 181.929                               |
| 3                                             | 1                | 57                 | 16                | --                      | --                      | 661.73                                |
| 4                                             | 3                | 76.3               | 16                | 1421                    | 1729                    | 676.54                                |
| 5                                             | 2                | 85                 | 16                | 1471                    | --                      | 195.28                                |
| 6                                             | 2                | 51.1               | 16                | 1777                    | --                      | 133.14                                |
| 7                                             | 2                | 87.4               | 16                | 1935                    | --                      | 235.39                                |
| 8                                             | 1                | 76.9               | 16                | --                      | --                      | 689.87                                |
| 9                                             | 2                | 53.7               | 16                | 1406                    | --                      | 108.86                                |
| 10                                            | 1                | 63.5               | 16                | --                      | --                      | 298.5                                 |
| 11                                            | 2                | 71.6               | 16                | 1480                    | --                      | 455.93                                |
| 12                                            | 1                | 54.9               | 16                | --                      | --                      | 458.73                                |
| 13                                            | 1                | 54.9               | 16                | --                      | --                      | 655.32                                |
| 14                                            | 1                | 74.4               | 16                | --                      | --                      | 342.5                                 |
| 15                                            | 3                | 57.1               | 16                | 1803                    | 1961                    | 253.6                                 |
| 16                                            | 2                | 60.1               | 16                | 1173                    | --                      | 626.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 7                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 73.5               | 17                | --                      | --                      | 1027.02                               |
| 2                                             | 1                | 89.6               | 17                | --                      | --                      | 288.87                                |
| 3                                             | 2                | 96.4               | 17                | 1502                    | --                      | 940.16                                |
| 4                                             | 1                | 55.4               | 17                | --                      | --                      | 538.88                                |
| 5                                             | 3                | 77.4               | 17                | 1678                    | 1866                    | 313.88                                |
| 6                                             | 3                | 94.7               | 17                | 1377                    | 1225                    | 810.56                                |
| 7                                             | 3                | 87.8               | 17                | 1040                    | 1623                    | 571.58                                |
| 8                                             | 3                | 69.1               | 17                | 1265                    | 1703                    | 573.24                                |
| 9                                             | 2                | 93.1               | 17                | 1526                    | --                      | 732                                   |
| 10                                            | 2                | 84.2               | 17                | 1218                    | --                      | 1135.7                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>8</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>17</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 99.9                      | 19                       | --                             | --                             | 379.224                                      |
| 2                                             | 3                       | 66.9                      | 19                       | 1884                           | 1117                           | 141.215                                      |
| 3                                             | 3                       | 93.9                      | 19                       | 1541                           | 1081                           | 385.095                                      |
| 4                                             | 1                       | 68.1                      | 19                       | --                             | --                             | 381.083                                      |
| 5                                             | 3                       | 64.4                      | 19                       | 1524                           | 1742                           | 555.971                                      |
| 6                                             | 1                       | 55.5                      | 19                       | --                             | --                             | 305.368                                      |
| 7                                             | 2                       | 75.7                      | 19                       | 1657                           | --                             | 524.546                                      |
| 8                                             | 2                       | 79.3                      | 19                       | 1445                           | --                             | 300.074                                      |
| 9                                             | 2                       | 92.5                      | 19                       | 1739                           | --                             | 217.191                                      |
| 10                                            | 1                       | 53.5                      | 19                       | --                             | --                             | 379.719                                      |
| 11                                            | 1                       | 76                        | 19                       | --                             | --                             | 408.816                                      |
| 12                                            | 2                       | 90.7                      | 19                       | 1974                           | --                             | 321.334                                      |
| 13                                            | 3                       | 50                        | 19                       | 1043                           | 1917                           | 429.582                                      |
| 14                                            | 3                       | 55.9                      | 19                       | 1721                           | 1782                           | 269.669                                      |
| 15                                            | 3                       | 62.5                      | 19                       | 1735                           | 1532                           | 392.247                                      |
| 16                                            | 2                       | 97.3                      | 19                       | 1930                           | --                             | 543.265                                      |
| 17                                            | 3                       | 64                        | 19                       | 1406                           | 1172                           | 103.082                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>9</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>8</b>                 |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 72.5                      | 12                       | --                             | --                             | 509.857                                      |
| 2                                             | 1                       | 82.2                      | 12                       | --                             | --                             | 164.27                                       |
| 3                                             | 2                       | 95.6                      | 12                       | 1652                           | --                             | 1336.41                                      |
| 4                                             | 3                       | 97.5                      | 12                       | 1913                           | 1669                           | 1403.44                                      |
| 5                                             | 3                       | 56.8                      | 12                       | 1289                           | 1286                           | 1431.47                                      |
| 6                                             | 1                       | 59.1                      | 12                       | --                             | --                             | 847.09                                       |
| 7                                             | 2                       | 79.4                      | 12                       | 1668                           | --                             | 1007.5                                       |
| 8                                             | 1                       | 57                        | 12                       | --                             | --                             | 1064.5                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| Trial Number                                  |                  |                    | 10                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 17                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 78.3               | 7                 | --                      | --                      | 66.832                                |
| 2                                             | 2                | 84.7               | 7                 | 1277                    | --                      | 533.498                               |
| 3                                             | 3                | 66.8               | 7                 | 1498                    | 1487                    | 363.275                               |
| 4                                             | 3                | 85.1               | 7                 | 1385                    | 1978                    | 101.033                               |
| 5                                             | 3                | 50.6               | 7                 | 1597                    | 1042                    | 240.291                               |
| 6                                             | 2                | 70.9               | 7                 | 1963                    | --                      | 359.558                               |
| 7                                             | 2                | 52.6               | 7                 | 1254                    | --                      | 587.176                               |
| 8                                             | 1                | 99.2               | 7                 | --                      | --                      | 324.064                               |
| 9                                             | 1                | 99.4               | 7                 | --                      | --                      | 661.481                               |
| 10                                            | 1                | 60.8               | 7                 | --                      | --                      | 618.299                               |
| 11                                            | 1                | 98.1               | 7                 | --                      | --                      | 161.846                               |
| 12                                            | 3                | 71.3               | 7                 | 1514                    | 1297                    | 681.744                               |
| 13                                            | 1                | 71.1               | 7                 | --                      | --                      | 57.432                                |
| 14                                            | 1                | 64.2               | 7                 | --                      | --                      | 614.609                               |
| 15                                            | 3                | 94.2               | 7                 | 1515                    | 1757                    | 3.997                                 |
| 16                                            | 2                | 90.2               | 7                 | 1007                    | --                      | 409.465                               |
| 17                                            | 2                | 94.5               | 7                 | 1152                    | --                      | 96.682                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 12                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 13                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 95.8               | 14                | 1940                    | 1066                    | 135.166                               |
| 2                                             | 2                | 96.9               | 14                | 1620                    | --                      | 508.763                               |
| 3                                             | 2                | 64.3               | 14                | 1609                    | --                      | 877.786                               |
| 4                                             | 3                | 97.1               | 14                | 1568                    | 1125                    | 354.559                               |
| 5                                             | 2                | 69.8               | 14                | 1068                    | --                      | 329.312                               |
| 6                                             | 2                | 82                 | 14                | 1940                    | --                      | 103.175                               |
| 7                                             | 2                | 97                 | 14                | 1961                    | --                      | 131.808                               |
| 8                                             | 2                | 93.5               | 14                | 1084                    | --                      | 199.242                               |
| 9                                             | 3                | 59.3               | 14                | 1735                    | 1223                    | 244.985                               |
| 10                                            | 2                | 54.1               | 14                | 1500                    | --                      | 916.988                               |
| 11                                            | 1                | 86.7               | 14                | --                      | --                      | 784.231                               |
| 12                                            | 3                | 84.8               | 14                | 1763                    | 1920                    | 134.054                               |
| 13                                            | 2                | 99.9               | 14                | 1595                    | --                      | 885.077                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 13                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 53                 | 16                | 1035                    | --                      | 758.419                               |
| 2                                             | 2                | 94.5               | 16                | 1456                    | --                      | 599.82                                |
| 3                                             | 1                | 92.9               | 16                | --                      | --                      | 897.55                                |
| 4                                             | 3                | 50.5               | 16                | 1461                    | 1898                    | 387.44                                |
| 5                                             | 1                | 55.8               | 16                | --                      | --                      | 663.7                                 |
| 6                                             | 2                | 55.8               | 16                | 1153                    | --                      | 876.84                                |
| 7                                             | 1                | 96.8               | 16                | --                      | --                      | 258.85                                |
| 8                                             | 2                | 57.6               | 16                | 1472                    | --                      | 697.38                                |
| 9                                             | 1                | 52.8               | 16                | --                      | --                      | 238.05                                |
| 10                                            | 2                | 84.7               | 16                | 1477                    | --                      | 269.11                                |
| 11                                            | 2                | 92.9               | 16                | 1337                    | --                      | 540.7                                 |
| 12                                            | 2                | 61.8               | 16                | 1878                    | --                      | 662.5                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>22</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>11</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 82                        | 9                        | --                             | --                             | 172.917                                      |
| 2                                             | 1                       | 59.3                      | 9                        | --                             | --                             | 608.461                                      |
| 3                                             | 2                       | 89.6                      | 9                        | 1905                           | --                             | 424.392                                      |
| 4                                             | 1                       | 53.5                      | 9                        | --                             | --                             | 180.013                                      |
| 5                                             | 2                       | 68.9                      | 9                        | 1503                           | --                             | 348.334                                      |
| 6                                             | 2                       | 97.5                      | 9                        | 1399                           | --                             | 582.715                                      |
| 7                                             | 1                       | 65.1                      | 9                        | --                             | --                             | 909.895                                      |
| 8                                             | 2                       | 63.7                      | 9                        | 1299                           | --                             | 873.616                                      |
| 9                                             | 2                       | 57.5                      | 9                        | 1730                           | --                             | 417.387                                      |
| 10                                            | 3                       | 76.2                      | 9                        | 1237                           | 1939                           | 647.018                                      |
| 11                                            | 2                       | 83.3                      | 9                        | 1928                           | --                             | 781.609                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>23</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>15</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 57.1                      | 14                       | --                             | --                             | 65.901                                       |
| 2                                             | 1                       | 86.7                      | 14                       | --                             | --                             | 334.79                                       |
| 3                                             | 3                       | 91.2                      | 14                       | 1464                           | 1074                           | 722.8                                        |
| 4                                             | 2                       | 62.7                      | 14                       | 1790                           | --                             | 317.33                                       |
| 5                                             | 3                       | 80.8                      | 14                       | 1118                           | 1285                           | 129.98                                       |
| 6                                             | 2                       | 84.3                      | 14                       | 1360                           | --                             | 249.47                                       |
| 7                                             | 2                       | 64.6                      | 14                       | 1038                           | --                             | 25.27                                        |
| 8                                             | 2                       | 79.1                      | 14                       | 1527                           | --                             | 756.97                                       |
| 9                                             | 1                       | 86.8                      | 14                       | --                             | --                             | 409.03                                       |
| 10                                            | 2                       | 78.2                      | 14                       | 1256                           | --                             | 668.58                                       |
| 11                                            | 3                       | 50.4                      | 14                       | 1968                           | 1182                           | 306.55                                       |
| 12                                            | 2                       | 55.9                      | 14                       | 1089                           | --                             | 309.2                                        |
| 13                                            | 2                       | 67.9                      | 14                       | 1084                           | --                             | 236.1                                        |
| 14                                            | 3                       | 85                        | 14                       | 1065                           | 1119                           | 168.6                                        |
| 15                                            | 2                       | 78.1                      | 14                       | 1259                           | --                             | 728.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

|                     |           |
|---------------------|-----------|
| <b>Trial Number</b> | <b>24</b> |
|---------------------|-----------|

| <b>Bursts in Trial</b>                               |                         |                           | <b>16</b>                |                                |                                |                                              |
|------------------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Center Frequency (MHz)</b>                        |                         |                           | <b>5300</b>              |                                |                                |                                              |
| <b>Burst</b>                                         | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                                    | 2                       | 64.7                      | 6                        | 1189                           | --                             | 620.783                                      |
| 2                                                    | 3                       | 54.8                      | 6                        | 1622                           | 1448                           | 256.86                                       |
| 3                                                    | 2                       | 75.1                      | 6                        | 1284                           | --                             | 23.87                                        |
| 4                                                    | 1                       | 71                        | 6                        | --                             | --                             | 303.19                                       |
| 5                                                    | 3                       | 88.2                      | 6                        | 1851                           | 1581                           | 385.32                                       |
| 6                                                    | 1                       | 75.6                      | 6                        | --                             | --                             | 597.77                                       |
| 7                                                    | 2                       | 75.6                      | 6                        | 1269                           | --                             | 435.6                                        |
| 8                                                    | 1                       | 82.6                      | 6                        | --                             | --                             | 360.56                                       |
| 9                                                    | 2                       | 96.8                      | 6                        | 1761                           | --                             | 77.78                                        |
| 10                                                   | 2                       | 58.1                      | 6                        | 1040                           | --                             | 173.34                                       |
| 11                                                   | 2                       | 59.3                      | 6                        | 1366                           | --                             | 737.85                                       |
| 12                                                   | 3                       | 98.3                      | 6                        | 1913                           | 1459                           | 603.56                                       |
| 13                                                   | 3                       | 80.2                      | 6                        | 1438                           | 1558                           | 374.67                                       |
| 14                                                   | 3                       | 78.3                      | 6                        | 1477                           | 1776                           | 335.3                                        |
| 15                                                   | 3                       | 82.7                      | 6                        | 1555                           | 1484                           | 146.8                                        |
| 16                                                   | 3                       | 56.2                      | 6                        | 1229                           | 1598                           | 79.4                                         |
| <b>Detection Check (Y=Detection; N=No Detection)</b> |                         |                           |                          |                                |                                | <b>Y</b>                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5300              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5300MHz, Radar 6**

| Trial Id | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |

Detection rate: 100%

**5500MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5500MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5500MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Number of Pulses | Waveform Length (μs) | conclusion |
|----------------------|------------|-----------------|----------|------------------|----------------------|------------|
| 0                    | 3          | 8.2             | 355.0    | 17               | 6035.0               | Y          |
| 1                    | 3          | 6.1             | 487.0    | 16               | 7792.0               | Y          |
| 2                    | 3          | 7.1             | 344.0    | 16               | 5504.0               | Y          |
| 3                    | 3          | 9.8             | 288.0    | 18               | 5184.0               | Y          |
| 4                    | 3          | 8.9             | 230.0    | 18               | 4140.0               | Y          |
| 5                    | 3          | 7.9             | 432.0    | 17               | 7344.0               | Y          |
| 6                    | 3          | 8.2             | 207.0    | 17               | 3519.0               | Y          |
| 7                    | 3          | 7.5             | 443.0    | 17               | 7531.0               | Y          |
| 8                    | 3          | 8.1             | 439.0    | 17               | 7463.0               | Y          |
| 9                    | 3          | 6.2             | 223.0    | 16               | 3568.0               | Y          |
| 10                   | 3          | 8.9             | 208.0    | 18               | 3744.0               | Y          |
| 11                   | 3          | 9.6             | 463.0    | 18               | 8334.0               | Y          |
| 12                   | 3          | 8.2             | 441.0    | 17               | 7497.0               | Y          |
| 13                   | 3          | 7.2             | 323.0    | 16               | 5168.0               | Y          |
| 14                   | 3          | 9.5             | 297.0    | 18               | 5346.0               | Y          |
| 15                   | 3          | 8.0             | 412.0    | 17               | 7004.0               | Y          |
| 16                   | 3          | 10.0            | 324.0    | 18               | 5832.0               | Y          |
| 17                   | 3          | 7.4             | 271.0    | 17               | 4607.0               | Y          |
| 18                   | 3          | 7.9             | 349.0    | 17               | 5933.0               | Y          |
| 19                   | 3          | 7.3             | 409.0    | 16               | 6544.0               | Y          |
| 20                   | 3          | 8.7             | 373.0    | 18               | 6714.0               | Y          |
| 21                   | 3          | 7.2             | 254.0    | 16               | 4064.0               | Y          |
| 22                   | 3          | 9.9             | 274.0    | 18               | 4932.0               | Y          |
| 23                   | 3          | 7.9             | 278.0    | 17               | 4726.0               | Y          |
| 24                   | 3          | 7.5             | 317.0    | 17               | 5389.0               | Y          |
| 25                   | 3          | 6.1             | 260.0    | 16               | 4160.0               | Y          |
| 26                   | 3          | 8.8             | 211.0    | 18               | 3798.0               | Y          |
| 27                   | 3          | 9.7             | 272.0    | 18               | 4896.0               | Y          |
| 28                   | 3          | 7.4             | 264.0    | 17               | 4488.0               | Y          |
| 29                   | 3          | 9.2             | 284.0    | 18               | 5112.0               | Y          |
| Detection rate: 100% |            |                 |          |                  |                      |            |

**5500MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5500MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | Y          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | Y          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | Y          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 97% |            |                  |                  |                  |                      |                        |            |

| Trial Number                                  |                  |                    | 0                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 71.5               | 13                | --                      | --                      | 382.157                               |
| 2                                             | 1                | 73.2               | 13                | --                      | --                      | 537.38                                |
| 3                                             | 1                | 95.5               | 13                | --                      | --                      | 301.44                                |
| 4                                             | 2                | 88.4               | 13                | 1280                    | --                      | 586.04                                |
| 5                                             | 2                | 64.8               | 13                | 1624                    | --                      | 322.44                                |
| 6                                             | 1                | 77.3               | 13                | --                      | --                      | 33.47                                 |
| 7                                             | 2                | 64.3               | 13                | 1035                    | --                      | 238.39                                |
| 8                                             | 1                | 97.4               | 13                | --                      | --                      | 422.7                                 |
| 9                                             | 1                | 60.5               | 13                | --                      | --                      | 589.16                                |
| 10                                            | 2                | 77.3               | 13                | 1797                    | --                      | 269.82                                |
| 11                                            | 1                | 60.3               | 13                | --                      | --                      | 14.29                                 |
| 12                                            | 1                | 99.3               | 13                | --                      | --                      | 734.54                                |
| 13                                            | 2                | 65.1               | 13                | 1528                    | --                      | 118.33                                |
| 14                                            | 2                | 56.9               | 13                | 1137                    | --                      | 496.3                                 |
| 15                                            | 1                | 86                 | 13                | --                      | --                      | 208.7                                 |
| 16                                            | 1                | 83.5               | 13                | --                      | --                      | 545                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 1                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 96.6               | 19                | 1441                    | 1588                    | 157.072                               |
| 2                                             | 2                | 57                 | 19                | 1003                    | --                      | 31.84                                 |
| 3                                             | 1                | 99.4               | 19                | --                      | --                      | 593.46                                |
| 4                                             | 3                | 51.4               | 19                | 1076                    | 1207                    | 174.33                                |
| 5                                             | 3                | 71.5               | 19                | 1105                    | 1860                    | 53.87                                 |
| 6                                             | 2                | 99.5               | 19                | 1009                    | --                      | 204.9                                 |
| 7                                             | 2                | 96.8               | 19                | 1888                    | --                      | 972.89                                |
| 8                                             | 2                | 62.8               | 19                | 1708                    | --                      | 421.81                                |
| 9                                             | 2                | 68.6               | 19                | 1979                    | --                      | 675.92                                |
| 10                                            | 1                | 52.2               | 19                | --                      | --                      | 905.33                                |
| 11                                            | 2                | 71.2               | 19                | 1891                    | --                      | 626.2                                 |
| 12                                            | 1                | 80.7               | 19                | --                      | --                      | 297.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 2                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 73                 | 11                | 1720                    | --                      | 60.341                                |
| 2                                             | 2                | 86.6               | 11                | 1086                    | --                      | 471.34                                |
| 3                                             | 2                | 52                 | 11                | 1769                    | --                      | 149.46                                |
| 4                                             | 3                | 89.5               | 11                | 1050                    | 1774                    | 665.26                                |
| 5                                             | 2                | 91.3               | 11                | 1275                    | --                      | 763.12                                |
| 6                                             | 1                | 87.6               | 11                | --                      | --                      | 242.46                                |
| 7                                             | 2                | 95.7               | 11                | 1592                    | --                      | 386.09                                |
| 8                                             | 1                | 79.1               | 11                | --                      | --                      | 690.82                                |
| 9                                             | 2                | 63                 | 11                | 1026                    | --                      | 448.47                                |
| 10                                            | 3                | 78.5               | 11                | 1233                    | 1434                    | 781.34                                |
| 11                                            | 2                | 71.4               | 11                | 1774                    | --                      | 534                                   |
| 12                                            | 2                | 93.2               | 11                | 1268                    | --                      | 689.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 3                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 51.8               | 12                | 1987                    | 1673                    | 785.215                               |
| 2                                             | 1                | 67.1               | 12                | --                      | --                      | 304.74                                |
| 3                                             | 2                | 80.4               | 12                | 1189                    | --                      | 234.53                                |
| 4                                             | 2                | 57.2               | 12                | 1369                    | --                      | 400.36                                |
| 5                                             | 3                | 80.9               | 12                | 1841                    | 1377                    | 257.92                                |
| 6                                             | 2                | 66.8               | 12                | 1850                    | --                      | 641.28                                |
| 7                                             | 2                | 78.3               | 12                | 1566                    | --                      | 763.04                                |
| 8                                             | 1                | 95.7               | 12                | --                      | --                      | 315.89                                |
| 9                                             | 2                | 72.6               | 12                | 1987                    | --                      | 694.91                                |
| 10                                            | 2                | 86.1               | 12                | 1099                    | --                      | 12.39                                 |
| 11                                            | 3                | 54.6               | 12                | 1547                    | 1020                    | 744.49                                |
| 12                                            | 3                | 82.4               | 12                | 1778                    | 1816                    | 623.75                                |
| 13                                            | 2                | 52.6               | 12                | 1943                    | --                      | 704.1                                 |
| 14                                            | 3                | 88.8               | 12                | 1592                    | 1140                    | 155.2                                 |
| 15                                            | 2                | 91.6               | 12                | 1430                    | --                      | 771.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 4                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 91.5               | 6                 | 1778                    | --                      | 131.166                               |
| 2                                             | 1                | 58.6               | 6                 | --                      | --                      | 306.44                                |
| 3                                             | 1                | 54.2               | 6                 | --                      | --                      | 157.68                                |
| 4                                             | 1                | 68.4               | 6                 | --                      | --                      | 464.16                                |
| 5                                             | 2                | 62.8               | 6                 | 1467                    | --                      | 725.57                                |
| 6                                             | 1                | 90.9               | 6                 | --                      | --                      | 277.06                                |
| 7                                             | 1                | 93.9               | 6                 | --                      | --                      | 278.94                                |
| 8                                             | 2                | 67.7               | 6                 | 1128                    | --                      | 83.93                                 |
| 9                                             | 2                | 57.2               | 6                 | 1328                    | --                      | 324.65                                |
| 10                                            | 2                | 77.5               | 6                 | 1726                    | --                      | 269.88                                |
| 11                                            | 1                | 53.8               | 6                 | --                      | --                      | 538.06                                |
| 12                                            | 2                | 56.7               | 6                 | 1884                    | --                      | 731.59                                |
| 13                                            | 3                | 50.7               | 6                 | 1243                    | 1550                    | 206.21                                |
| 14                                            | 2                | 86.2               | 6                 | 1189                    | --                      | 307.7                                 |
| 15                                            | 1                | 82.7               | 6                 | --                      | --                      | 208.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 5                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 90.1               | 15                | --                      | --                      | 1033.2                                |
| 2                                             | 2                | 80.7               | 15                | 1532                    | --                      | 510.9                                 |
| 3                                             | 1                | 99.6               | 15                | --                      | --                      | 454.39                                |
| 4                                             | 1                | 50.8               | 15                | --                      | --                      | 577.37                                |
| 5                                             | 1                | 60.7               | 15                | --                      | --                      | 101.54                                |
| 6                                             | 3                | 90                 | 15                | 1254                    | 1217                    | 724.3                                 |
| 7                                             | 2                | 89.1               | 15                | 1337                    | --                      | 977.24                                |
| 8                                             | 2                | 96.6               | 15                | 1506                    | --                      | 497.64                                |
| 9                                             | 1                | 76.3               | 15                | --                      | --                      | 19.63                                 |
| 10                                            | 1                | 55.9               | 15                | --                      | --                      | 793.8                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

|                 |  |  |    |  |  |  |
|-----------------|--|--|----|--|--|--|
| Trial Number    |  |  | 6  |  |  |  |
| Bursts in Trial |  |  | 16 |  |  |  |

| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 57.1               | 16                | 1529                    | 1704                    | 329.074                               |
| 2                                             | 2                | 89.7               | 16                | 1153                    | --                      | 181.929                               |
| 3                                             | 1                | 57                 | 16                | --                      | --                      | 661.73                                |
| 4                                             | 3                | 76.3               | 16                | 1421                    | 1729                    | 676.54                                |
| 5                                             | 2                | 85                 | 16                | 1471                    | --                      | 195.28                                |
| 6                                             | 2                | 51.1               | 16                | 1777                    | --                      | 133.14                                |
| 7                                             | 2                | 87.4               | 16                | 1935                    | --                      | 235.39                                |
| 8                                             | 1                | 76.9               | 16                | --                      | --                      | 689.87                                |
| 9                                             | 2                | 53.7               | 16                | 1406                    | --                      | 108.86                                |
| 10                                            | 1                | 63.5               | 16                | --                      | --                      | 298.5                                 |
| 11                                            | 2                | 71.6               | 16                | 1480                    | --                      | 455.93                                |
| 12                                            | 1                | 54.9               | 16                | --                      | --                      | 458.73                                |
| 13                                            | 1                | 54.9               | 16                | --                      | --                      | 655.32                                |
| 14                                            | 1                | 74.4               | 16                | --                      | --                      | 342.5                                 |
| 15                                            | 3                | 57.1               | 16                | 1803                    | 1961                    | 253.6                                 |
| 16                                            | 2                | 60.1               | 16                | 1173                    | --                      | 626.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 7                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 73.5               | 17                | --                      | --                      | 1027.02                               |
| 2                                             | 1                | 89.6               | 17                | --                      | --                      | 288.87                                |
| 3                                             | 2                | 96.4               | 17                | 1502                    | --                      | 940.16                                |
| 4                                             | 1                | 55.4               | 17                | --                      | --                      | 538.88                                |
| 5                                             | 3                | 77.4               | 17                | 1678                    | 1866                    | 313.88                                |
| 6                                             | 3                | 94.7               | 17                | 1377                    | 1225                    | 810.56                                |
| 7                                             | 3                | 87.8               | 17                | 1040                    | 1623                    | 571.58                                |
| 8                                             | 3                | 69.1               | 17                | 1265                    | 1703                    | 573.24                                |
| 9                                             | 2                | 93.1               | 17                | 1526                    | --                      | 732                                   |
| 10                                            | 2                | 84.2               | 17                | 1218                    | --                      | 1135.7                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number           |  | 8    |
|------------------------|--|------|
| Bursts in Trial        |  | 17   |
| Center Frequency (MHz) |  | 5500 |

| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| 1                                             | 1                | 99.9               | 19                | --                      | --                      | 379.224                               |
| 2                                             | 3                | 66.9               | 19                | 1884                    | 1117                    | 141.215                               |
| 3                                             | 3                | 93.9               | 19                | 1541                    | 1081                    | 385.095                               |
| 4                                             | 1                | 68.1               | 19                | --                      | --                      | 381.083                               |
| 5                                             | 3                | 64.4               | 19                | 1524                    | 1742                    | 555.971                               |
| 6                                             | 1                | 55.5               | 19                | --                      | --                      | 305.368                               |
| 7                                             | 2                | 75.7               | 19                | 1657                    | --                      | 524.546                               |
| 8                                             | 2                | 79.3               | 19                | 1445                    | --                      | 300.074                               |
| 9                                             | 2                | 92.5               | 19                | 1739                    | --                      | 217.191                               |
| 10                                            | 1                | 53.5               | 19                | --                      | --                      | 379.719                               |
| 11                                            | 1                | 76                 | 19                | --                      | --                      | 408.816                               |
| 12                                            | 2                | 90.7               | 19                | 1974                    | --                      | 321.334                               |
| 13                                            | 3                | 50                 | 19                | 1043                    | 1917                    | 429.582                               |
| 14                                            | 3                | 55.9               | 19                | 1721                    | 1782                    | 269.669                               |
| 15                                            | 3                | 62.5               | 19                | 1735                    | 1532                    | 392.247                               |
| 16                                            | 2                | 97.3               | 19                | 1930                    | --                      | 543.265                               |
| 17                                            | 3                | 64                 | 19                | 1406                    | 1172                    | 103.082                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    |                   | 9                       |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    |                   | 8                       |                         |                                       |
| Center Frequency (MHz)                        |                  |                    |                   | 5500                    |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 72.5               | 12                | --                      | --                      | 509.857                               |
| 2                                             | 1                | 82.2               | 12                | --                      | --                      | 164.27                                |
| 3                                             | 2                | 95.6               | 12                | 1652                    | --                      | 1336.41                               |
| 4                                             | 3                | 97.5               | 12                | 1913                    | 1669                    | 1403.44                               |
| 5                                             | 3                | 56.8               | 12                | 1289                    | 1286                    | 1431.47                               |
| 6                                             | 1                | 59.1               | 12                | --                      | --                      | 847.09                                |
| 7                                             | 2                | 79.4               | 12                | 1668                    | --                      | 1007.5                                |
| 8                                             | 1                | 57                 | 12                | --                      | --                      | 1064.5                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 10                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 17                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 78.3               | 7                 | --                      | --                      | 66.832                                |
| 2                                             | 2                | 84.7               | 7                 | 1277                    | --                      | 533.498                               |
| 3                                             | 3                | 66.8               | 7                 | 1498                    | 1487                    | 363.275                               |
| 4                                             | 3                | 85.1               | 7                 | 1385                    | 1978                    | 101.033                               |
| 5                                             | 3                | 50.6               | 7                 | 1597                    | 1042                    | 240.291                               |
| 6                                             | 2                | 70.9               | 7                 | 1963                    | --                      | 359.558                               |
| 7                                             | 2                | 52.6               | 7                 | 1254                    | --                      | 587.176                               |
| 8                                             | 1                | 99.2               | 7                 | --                      | --                      | 324.064                               |
| 9                                             | 1                | 99.4               | 7                 | --                      | --                      | 661.481                               |
| 10                                            | 1                | 60.8               | 7                 | --                      | --                      | 618.299                               |
| 11                                            | 1                | 98.1               | 7                 | --                      | --                      | 161.846                               |
| 12                                            | 3                | 71.3               | 7                 | 1514                    | 1297                    | 681.744                               |
| 13                                            | 1                | 71.1               | 7                 | --                      | --                      | 57.432                                |
| 14                                            | 1                | 64.2               | 7                 | --                      | --                      | 614.609                               |
| 15                                            | 3                | 94.2               | 7                 | 1515                    | 1757                    | 3.997                                 |
| 16                                            | 2                | 90.2               | 7                 | 1007                    | --                      | 409.465                               |
| 17                                            | 2                | 94.5               | 7                 | 1152                    | --                      | 96.682                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>12</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>13</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5500</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 95.8                      | 14                       | 1940                           | 1066                           | 135.166                                      |
| 2                                             | 2                       | 96.9                      | 14                       | 1620                           | --                             | 508.763                                      |
| 3                                             | 2                       | 64.3                      | 14                       | 1609                           | --                             | 877.786                                      |
| 4                                             | 3                       | 97.1                      | 14                       | 1568                           | 1125                           | 354.559                                      |
| 5                                             | 2                       | 69.8                      | 14                       | 1068                           | --                             | 329.312                                      |
| 6                                             | 2                       | 82                        | 14                       | 1940                           | --                             | 103.175                                      |
| 7                                             | 2                       | 97                        | 14                       | 1961                           | --                             | 131.808                                      |
| 8                                             | 2                       | 93.5                      | 14                       | 1084                           | --                             | 199.242                                      |
| 9                                             | 3                       | 59.3                      | 14                       | 1735                           | 1223                           | 244.985                                      |
| 10                                            | 2                       | 54.1                      | 14                       | 1500                           | --                             | 916.988                                      |
| 11                                            | 1                       | 86.7                      | 14                       | --                             | --                             | 784.231                                      |
| 12                                            | 3                       | 84.8                      | 14                       | 1763                           | 1920                           | 134.054                                      |
| 13                                            | 2                       | 99.9                      | 14                       | 1595                           | --                             | 885.077                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>13</b>                |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>12</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5500</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 2                       | 53                        | 16                       | 1035                           | --                             | 758.419                                      |
| 2                                             | 2                       | 94.5                      | 16                       | 1456                           | --                             | 599.82                                       |
| 3                                             | 1                       | 92.9                      | 16                       | --                             | --                             | 897.55                                       |
| 4                                             | 3                       | 50.5                      | 16                       | 1461                           | 1898                           | 387.44                                       |
| 5                                             | 1                       | 55.8                      | 16                       | --                             | --                             | 663.7                                        |
| 6                                             | 2                       | 55.8                      | 16                       | 1153                           | --                             | 876.84                                       |
| 7                                             | 1                       | 96.8                      | 16                       | --                             | --                             | 258.85                                       |
| 8                                             | 2                       | 57.6                      | 16                       | 1472                           | --                             | 697.38                                       |
| 9                                             | 1                       | 52.8                      | 16                       | --                             | --                             | 238.05                                       |
| 10                                            | 2                       | 84.7                      | 16                       | 1477                           | --                             | 269.11                                       |
| 11                                            | 2                       | 92.9                      | 16                       | 1337                           | --                             | 540.7                                        |
| 12                                            | 2                       | 61.8                      | 16                       | 1878                           | --                             | 662.5                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 22                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 82                 | 9                 | --                      | --                      | 172.917                               |
| 2                                             | 1                | 59.3               | 9                 | --                      | --                      | 608.461                               |
| 3                                             | 2                | 89.6               | 9                 | 1905                    | --                      | 424.392                               |
| 4                                             | 1                | 53.5               | 9                 | --                      | --                      | 180.013                               |
| 5                                             | 2                | 68.9               | 9                 | 1503                    | --                      | 348.334                               |
| 6                                             | 2                | 97.5               | 9                 | 1399                    | --                      | 582.715                               |
| 7                                             | 1                | 65.1               | 9                 | --                      | --                      | 909.895                               |
| 8                                             | 2                | 63.7               | 9                 | 1299                    | --                      | 873.616                               |
| 9                                             | 2                | 57.5               | 9                 | 1730                    | --                      | 417.387                               |
| 10                                            | 3                | 76.2               | 9                 | 1237                    | 1939                    | 647.018                               |
| 11                                            | 2                | 83.3               | 9                 | 1928                    | --                      | 781.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 23                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 57.1               | 14                | --                      | --                      | 65.901                                |
| 2                                             | 1                | 86.7               | 14                | --                      | --                      | 334.79                                |
| 3                                             | 3                | 91.2               | 14                | 1464                    | 1074                    | 722.8                                 |
| 4                                             | 2                | 62.7               | 14                | 1790                    | --                      | 317.33                                |
| 5                                             | 3                | 80.8               | 14                | 1118                    | 1285                    | 129.98                                |
| 6                                             | 2                | 84.3               | 14                | 1360                    | --                      | 249.47                                |
| 7                                             | 2                | 64.6               | 14                | 1038                    | --                      | 25.27                                 |
| 8                                             | 2                | 79.1               | 14                | 1527                    | --                      | 756.97                                |
| 9                                             | 1                | 86.8               | 14                | --                      | --                      | 409.03                                |
| 10                                            | 2                | 78.2               | 14                | 1256                    | --                      | 668.58                                |
| 11                                            | 3                | 50.4               | 14                | 1968                    | 1182                    | 306.55                                |
| 12                                            | 2                | 55.9               | 14                | 1089                    | --                      | 309.2                                 |
| 13                                            | 2                | 67.9               | 14                | 1084                    | --                      | 236.1                                 |
| 14                                            | 3                | 85                 | 14                | 1065                    | 1119                    | 168.6                                 |
| 15                                            | 2                | 78.1               | 14                | 1259                    | --                      | 728.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

|              |  |  |    |  |  |  |
|--------------|--|--|----|--|--|--|
| Trial Number |  |  | 24 |  |  |  |
|--------------|--|--|----|--|--|--|

| <b>Bursts in Trial</b>                               |                         |                           | <b>16</b>                |                                |                                |                                              |
|------------------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Center Frequency (MHz)</b>                        |                         |                           | <b>5500</b>              |                                |                                |                                              |
| <b>Burst</b>                                         | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                                    | 2                       | 64.7                      | 6                        | 1189                           | --                             | 620.783                                      |
| 2                                                    | 3                       | 54.8                      | 6                        | 1622                           | 1448                           | 256.86                                       |
| 3                                                    | 2                       | 75.1                      | 6                        | 1284                           | --                             | 23.87                                        |
| 4                                                    | 1                       | 71                        | 6                        | --                             | --                             | 303.19                                       |
| 5                                                    | 3                       | 88.2                      | 6                        | 1851                           | 1581                           | 385.32                                       |
| 6                                                    | 1                       | 75.6                      | 6                        | --                             | --                             | 597.77                                       |
| 7                                                    | 2                       | 75.6                      | 6                        | 1269                           | --                             | 435.6                                        |
| 8                                                    | 1                       | 82.6                      | 6                        | --                             | --                             | 360.56                                       |
| 9                                                    | 2                       | 96.8                      | 6                        | 1761                           | --                             | 77.78                                        |
| 10                                                   | 2                       | 58.1                      | 6                        | 1040                           | --                             | 173.34                                       |
| 11                                                   | 2                       | 59.3                      | 6                        | 1366                           | --                             | 737.85                                       |
| 12                                                   | 3                       | 98.3                      | 6                        | 1913                           | 1459                           | 603.56                                       |
| 13                                                   | 3                       | 80.2                      | 6                        | 1438                           | 1558                           | 374.67                                       |
| 14                                                   | 3                       | 78.3                      | 6                        | 1477                           | 1776                           | 335.3                                        |
| 15                                                   | 3                       | 82.7                      | 6                        | 1555                           | 1484                           | 146.8                                        |
| 16                                                   | 3                       | 56.2                      | 6                        | 1229                           | 1598                           | 79.4                                         |
| <b>Detection Check (Y=Detection; N=No Detection)</b> |                         |                           |                          |                                |                                | <b>Y</b>                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5500              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5500MHz, Radar 6**

| Trial Id | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |

Detection rate: 100%

**5550MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5550MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5550MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Number of Pulses | Waveform Length (μs) | conclusion |
|----------------------|------------|-----------------|----------|------------------|----------------------|------------|
| 0                    | 3          | 8.2             | 355.0    | 17               | 6035.0               | Y          |
| 1                    | 3          | 6.1             | 487.0    | 16               | 7792.0               | Y          |
| 2                    | 3          | 7.1             | 344.0    | 16               | 5504.0               | Y          |
| 3                    | 3          | 9.8             | 288.0    | 18               | 5184.0               | Y          |
| 4                    | 3          | 8.9             | 230.0    | 18               | 4140.0               | Y          |
| 5                    | 3          | 7.9             | 432.0    | 17               | 7344.0               | Y          |
| 6                    | 3          | 8.2             | 207.0    | 17               | 3519.0               | Y          |
| 7                    | 3          | 7.5             | 443.0    | 17               | 7531.0               | Y          |
| 8                    | 3          | 8.1             | 439.0    | 17               | 7463.0               | Y          |
| 9                    | 3          | 6.2             | 223.0    | 16               | 3568.0               | Y          |
| 10                   | 3          | 8.9             | 208.0    | 18               | 3744.0               | Y          |
| 11                   | 3          | 9.6             | 463.0    | 18               | 8334.0               | Y          |
| 12                   | 3          | 8.2             | 441.0    | 17               | 7497.0               | Y          |
| 13                   | 3          | 7.2             | 323.0    | 16               | 5168.0               | Y          |
| 14                   | 3          | 9.5             | 297.0    | 18               | 5346.0               | Y          |
| 15                   | 3          | 8.0             | 412.0    | 17               | 7004.0               | Y          |
| 16                   | 3          | 10.0            | 324.0    | 18               | 5832.0               | Y          |
| 17                   | 3          | 7.4             | 271.0    | 17               | 4607.0               | Y          |
| 18                   | 3          | 7.9             | 349.0    | 17               | 5933.0               | Y          |
| 19                   | 3          | 7.3             | 409.0    | 16               | 6544.0               | Y          |
| 20                   | 3          | 8.7             | 373.0    | 18               | 6714.0               | Y          |
| 21                   | 3          | 7.2             | 254.0    | 16               | 4064.0               | Y          |
| 22                   | 3          | 9.9             | 274.0    | 18               | 4932.0               | Y          |
| 23                   | 3          | 7.9             | 278.0    | 17               | 4726.0               | Y          |
| 24                   | 3          | 7.5             | 317.0    | 17               | 5389.0               | Y          |
| 25                   | 3          | 6.1             | 260.0    | 16               | 4160.0               | Y          |
| 26                   | 3          | 8.8             | 211.0    | 18               | 3798.0               | Y          |
| 27                   | 3          | 9.7             | 272.0    | 18               | 4896.0               | Y          |
| 28                   | 3          | 7.4             | 264.0    | 17               | 4488.0               | Y          |
| 29                   | 3          | 9.2             | 284.0    | 18               | 5112.0               | Y          |
| Detection rate: 100% |            |                 |          |                  |                      |            |

**5550MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5550MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | Y          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | Y          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | Y          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 97% |            |                  |                  |                  |                      |                        |            |

| Trial Number                                  |                  |                    | 0                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 71.5               | 13                | --                      | --                      | 382.157                               |
| 2                                             | 1                | 73.2               | 13                | --                      | --                      | 537.38                                |
| 3                                             | 1                | 95.5               | 13                | --                      | --                      | 301.44                                |
| 4                                             | 2                | 88.4               | 13                | 1280                    | --                      | 586.04                                |
| 5                                             | 2                | 64.8               | 13                | 1624                    | --                      | 322.44                                |
| 6                                             | 1                | 77.3               | 13                | --                      | --                      | 33.47                                 |
| 7                                             | 2                | 64.3               | 13                | 1035                    | --                      | 238.39                                |
| 8                                             | 1                | 97.4               | 13                | --                      | --                      | 422.7                                 |
| 9                                             | 1                | 60.5               | 13                | --                      | --                      | 589.16                                |
| 10                                            | 2                | 77.3               | 13                | 1797                    | --                      | 269.82                                |
| 11                                            | 1                | 60.3               | 13                | --                      | --                      | 14.29                                 |
| 12                                            | 1                | 99.3               | 13                | --                      | --                      | 734.54                                |
| 13                                            | 2                | 65.1               | 13                | 1528                    | --                      | 118.33                                |
| 14                                            | 2                | 56.9               | 13                | 1137                    | --                      | 496.3                                 |
| 15                                            | 1                | 86                 | 13                | --                      | --                      | 208.7                                 |
| 16                                            | 1                | 83.5               | 13                | --                      | --                      | 545                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 1                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 96.6               | 19                | 1441                    | 1588                    | 157.072                               |
| 2                                             | 2                | 57                 | 19                | 1003                    | --                      | 31.84                                 |
| 3                                             | 1                | 99.4               | 19                | --                      | --                      | 593.46                                |
| 4                                             | 3                | 51.4               | 19                | 1076                    | 1207                    | 174.33                                |
| 5                                             | 3                | 71.5               | 19                | 1105                    | 1860                    | 53.87                                 |
| 6                                             | 2                | 99.5               | 19                | 1009                    | --                      | 204.9                                 |
| 7                                             | 2                | 96.8               | 19                | 1888                    | --                      | 972.89                                |
| 8                                             | 2                | 62.8               | 19                | 1708                    | --                      | 421.81                                |
| 9                                             | 2                | 68.6               | 19                | 1979                    | --                      | 675.92                                |
| 10                                            | 1                | 52.2               | 19                | --                      | --                      | 905.33                                |
| 11                                            | 2                | 71.2               | 19                | 1891                    | --                      | 626.2                                 |
| 12                                            | 1                | 80.7               | 19                | --                      | --                      | 297.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 2                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 73                 | 11                | 1720                    | --                      | 60.341                                |
| 2                                             | 2                | 86.6               | 11                | 1086                    | --                      | 471.34                                |
| 3                                             | 2                | 52                 | 11                | 1769                    | --                      | 149.46                                |
| 4                                             | 3                | 89.5               | 11                | 1050                    | 1774                    | 665.26                                |
| 5                                             | 2                | 91.3               | 11                | 1275                    | --                      | 763.12                                |
| 6                                             | 1                | 87.6               | 11                | --                      | --                      | 242.46                                |
| 7                                             | 2                | 95.7               | 11                | 1592                    | --                      | 386.09                                |
| 8                                             | 1                | 79.1               | 11                | --                      | --                      | 690.82                                |
| 9                                             | 2                | 63                 | 11                | 1026                    | --                      | 448.47                                |
| 10                                            | 3                | 78.5               | 11                | 1233                    | 1434                    | 781.34                                |
| 11                                            | 2                | 71.4               | 11                | 1774                    | --                      | 534                                   |
| 12                                            | 2                | 93.2               | 11                | 1268                    | --                      | 689.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 3                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 51.8               | 12                | 1987                    | 1673                    | 785.215                               |
| 2                                             | 1                | 67.1               | 12                | --                      | --                      | 304.74                                |
| 3                                             | 2                | 80.4               | 12                | 1189                    | --                      | 234.53                                |
| 4                                             | 2                | 57.2               | 12                | 1369                    | --                      | 400.36                                |
| 5                                             | 3                | 80.9               | 12                | 1841                    | 1377                    | 257.92                                |
| 6                                             | 2                | 66.8               | 12                | 1850                    | --                      | 641.28                                |
| 7                                             | 2                | 78.3               | 12                | 1566                    | --                      | 763.04                                |
| 8                                             | 1                | 95.7               | 12                | --                      | --                      | 315.89                                |
| 9                                             | 2                | 72.6               | 12                | 1987                    | --                      | 694.91                                |
| 10                                            | 2                | 86.1               | 12                | 1099                    | --                      | 12.39                                 |
| 11                                            | 3                | 54.6               | 12                | 1547                    | 1020                    | 744.49                                |
| 12                                            | 3                | 82.4               | 12                | 1778                    | 1816                    | 623.75                                |
| 13                                            | 2                | 52.6               | 12                | 1943                    | --                      | 704.1                                 |
| 14                                            | 3                | 88.8               | 12                | 1592                    | 1140                    | 155.2                                 |
| 15                                            | 2                | 91.6               | 12                | 1430                    | --                      | 771.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 4                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 91.5               | 6                 | 1778                    | --                      | 131.166                               |
| 2                                             | 1                | 58.6               | 6                 | --                      | --                      | 306.44                                |
| 3                                             | 1                | 54.2               | 6                 | --                      | --                      | 157.68                                |
| 4                                             | 1                | 68.4               | 6                 | --                      | --                      | 464.16                                |
| 5                                             | 2                | 62.8               | 6                 | 1467                    | --                      | 725.57                                |
| 6                                             | 1                | 90.9               | 6                 | --                      | --                      | 277.06                                |
| 7                                             | 1                | 93.9               | 6                 | --                      | --                      | 278.94                                |
| 8                                             | 2                | 67.7               | 6                 | 1128                    | --                      | 83.93                                 |
| 9                                             | 2                | 57.2               | 6                 | 1328                    | --                      | 324.65                                |
| 10                                            | 2                | 77.5               | 6                 | 1726                    | --                      | 269.88                                |
| 11                                            | 1                | 53.8               | 6                 | --                      | --                      | 538.06                                |
| 12                                            | 2                | 56.7               | 6                 | 1884                    | --                      | 731.59                                |
| 13                                            | 3                | 50.7               | 6                 | 1243                    | 1550                    | 206.21                                |
| 14                                            | 2                | 86.2               | 6                 | 1189                    | --                      | 307.7                                 |
| 15                                            | 1                | 82.7               | 6                 | --                      | --                      | 208.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 5                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 90.1               | 15                | --                      | --                      | 1033.2                                |
| 2                                             | 2                | 80.7               | 15                | 1532                    | --                      | 510.9                                 |
| 3                                             | 1                | 99.6               | 15                | --                      | --                      | 454.39                                |
| 4                                             | 1                | 50.8               | 15                | --                      | --                      | 577.37                                |
| 5                                             | 1                | 60.7               | 15                | --                      | --                      | 101.54                                |
| 6                                             | 3                | 90                 | 15                | 1254                    | 1217                    | 724.3                                 |
| 7                                             | 2                | 89.1               | 15                | 1337                    | --                      | 977.24                                |
| 8                                             | 2                | 96.6               | 15                | 1506                    | --                      | 497.64                                |
| 9                                             | 1                | 76.3               | 15                | --                      | --                      | 19.63                                 |
| 10                                            | 1                | 55.9               | 15                | --                      | --                      | 793.8                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

|                 |  |  |    |  |  |  |
|-----------------|--|--|----|--|--|--|
| Trial Number    |  |  | 6  |  |  |  |
| Bursts in Trial |  |  | 16 |  |  |  |

| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 57.1               | 16                | 1529                    | 1704                    | 329.074                               |
| 2                                             | 2                | 89.7               | 16                | 1153                    | --                      | 181.929                               |
| 3                                             | 1                | 57                 | 16                | --                      | --                      | 661.73                                |
| 4                                             | 3                | 76.3               | 16                | 1421                    | 1729                    | 676.54                                |
| 5                                             | 2                | 85                 | 16                | 1471                    | --                      | 195.28                                |
| 6                                             | 2                | 51.1               | 16                | 1777                    | --                      | 133.14                                |
| 7                                             | 2                | 87.4               | 16                | 1935                    | --                      | 235.39                                |
| 8                                             | 1                | 76.9               | 16                | --                      | --                      | 689.87                                |
| 9                                             | 2                | 53.7               | 16                | 1406                    | --                      | 108.86                                |
| 10                                            | 1                | 63.5               | 16                | --                      | --                      | 298.5                                 |
| 11                                            | 2                | 71.6               | 16                | 1480                    | --                      | 455.93                                |
| 12                                            | 1                | 54.9               | 16                | --                      | --                      | 458.73                                |
| 13                                            | 1                | 54.9               | 16                | --                      | --                      | 655.32                                |
| 14                                            | 1                | 74.4               | 16                | --                      | --                      | 342.5                                 |
| 15                                            | 3                | 57.1               | 16                | 1803                    | 1961                    | 253.6                                 |
| 16                                            | 2                | 60.1               | 16                | 1173                    | --                      | 626.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 7                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 73.5               | 17                | --                      | --                      | 1027.02                               |
| 2                                             | 1                | 89.6               | 17                | --                      | --                      | 288.87                                |
| 3                                             | 2                | 96.4               | 17                | 1502                    | --                      | 940.16                                |
| 4                                             | 1                | 55.4               | 17                | --                      | --                      | 538.88                                |
| 5                                             | 3                | 77.4               | 17                | 1678                    | 1866                    | 313.88                                |
| 6                                             | 3                | 94.7               | 17                | 1377                    | 1225                    | 810.56                                |
| 7                                             | 3                | 87.8               | 17                | 1040                    | 1623                    | 571.58                                |
| 8                                             | 3                | 69.1               | 17                | 1265                    | 1703                    | 573.24                                |
| 9                                             | 2                | 93.1               | 17                | 1526                    | --                      | 732                                   |
| 10                                            | 2                | 84.2               | 17                | 1218                    | --                      | 1135.7                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number           |  | 8    |
|------------------------|--|------|
| Bursts in Trial        |  | 17   |
| Center Frequency (MHz) |  | 5550 |

| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| 1                                             | 1                | 99.9               | 19                | --                      | --                      | 379.224                               |
| 2                                             | 3                | 66.9               | 19                | 1884                    | 1117                    | 141.215                               |
| 3                                             | 3                | 93.9               | 19                | 1541                    | 1081                    | 385.095                               |
| 4                                             | 1                | 68.1               | 19                | --                      | --                      | 381.083                               |
| 5                                             | 3                | 64.4               | 19                | 1524                    | 1742                    | 555.971                               |
| 6                                             | 1                | 55.5               | 19                | --                      | --                      | 305.368                               |
| 7                                             | 2                | 75.7               | 19                | 1657                    | --                      | 524.546                               |
| 8                                             | 2                | 79.3               | 19                | 1445                    | --                      | 300.074                               |
| 9                                             | 2                | 92.5               | 19                | 1739                    | --                      | 217.191                               |
| 10                                            | 1                | 53.5               | 19                | --                      | --                      | 379.719                               |
| 11                                            | 1                | 76                 | 19                | --                      | --                      | 408.816                               |
| 12                                            | 2                | 90.7               | 19                | 1974                    | --                      | 321.334                               |
| 13                                            | 3                | 50                 | 19                | 1043                    | 1917                    | 429.582                               |
| 14                                            | 3                | 55.9               | 19                | 1721                    | 1782                    | 269.669                               |
| 15                                            | 3                | 62.5               | 19                | 1735                    | 1532                    | 392.247                               |
| 16                                            | 2                | 97.3               | 19                | 1930                    | --                      | 543.265                               |
| 17                                            | 3                | 64                 | 19                | 1406                    | 1172                    | 103.082                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    |                   | 9                       |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    |                   | 8                       |                         |                                       |
| Center Frequency (MHz)                        |                  |                    |                   | 5550                    |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 72.5               | 12                | --                      | --                      | 509.857                               |
| 2                                             | 1                | 82.2               | 12                | --                      | --                      | 164.27                                |
| 3                                             | 2                | 95.6               | 12                | 1652                    | --                      | 1336.41                               |
| 4                                             | 3                | 97.5               | 12                | 1913                    | 1669                    | 1403.44                               |
| 5                                             | 3                | 56.8               | 12                | 1289                    | 1286                    | 1431.47                               |
| 6                                             | 1                | 59.1               | 12                | --                      | --                      | 847.09                                |
| 7                                             | 2                | 79.4               | 12                | 1668                    | --                      | 1007.5                                |
| 8                                             | 1                | 57                 | 12                | --                      | --                      | 1064.5                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 10                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 17                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 78.3               | 7                 | --                      | --                      | 66.832                                |
| 2                                             | 2                | 84.7               | 7                 | 1277                    | --                      | 533.498                               |
| 3                                             | 3                | 66.8               | 7                 | 1498                    | 1487                    | 363.275                               |
| 4                                             | 3                | 85.1               | 7                 | 1385                    | 1978                    | 101.033                               |
| 5                                             | 3                | 50.6               | 7                 | 1597                    | 1042                    | 240.291                               |
| 6                                             | 2                | 70.9               | 7                 | 1963                    | --                      | 359.558                               |
| 7                                             | 2                | 52.6               | 7                 | 1254                    | --                      | 587.176                               |
| 8                                             | 1                | 99.2               | 7                 | --                      | --                      | 324.064                               |
| 9                                             | 1                | 99.4               | 7                 | --                      | --                      | 661.481                               |
| 10                                            | 1                | 60.8               | 7                 | --                      | --                      | 618.299                               |
| 11                                            | 1                | 98.1               | 7                 | --                      | --                      | 161.846                               |
| 12                                            | 3                | 71.3               | 7                 | 1514                    | 1297                    | 681.744                               |
| 13                                            | 1                | 71.1               | 7                 | --                      | --                      | 57.432                                |
| 14                                            | 1                | 64.2               | 7                 | --                      | --                      | 614.609                               |
| 15                                            | 3                | 94.2               | 7                 | 1515                    | 1757                    | 3.997                                 |
| 16                                            | 2                | 90.2               | 7                 | 1007                    | --                      | 409.465                               |
| 17                                            | 2                | 94.5               | 7                 | 1152                    | --                      | 96.682                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 12                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 13                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 95.8               | 14                | 1940                    | 1066                    | 135.166                               |
| 2                                             | 2                | 96.9               | 14                | 1620                    | --                      | 508.763                               |
| 3                                             | 2                | 64.3               | 14                | 1609                    | --                      | 877.786                               |
| 4                                             | 3                | 97.1               | 14                | 1568                    | 1125                    | 354.559                               |
| 5                                             | 2                | 69.8               | 14                | 1068                    | --                      | 329.312                               |
| 6                                             | 2                | 82                 | 14                | 1940                    | --                      | 103.175                               |
| 7                                             | 2                | 97                 | 14                | 1961                    | --                      | 131.808                               |
| 8                                             | 2                | 93.5               | 14                | 1084                    | --                      | 199.242                               |
| 9                                             | 3                | 59.3               | 14                | 1735                    | 1223                    | 244.985                               |
| 10                                            | 2                | 54.1               | 14                | 1500                    | --                      | 916.988                               |
| 11                                            | 1                | 86.7               | 14                | --                      | --                      | 784.231                               |
| 12                                            | 3                | 84.8               | 14                | 1763                    | 1920                    | 134.054                               |
| 13                                            | 2                | 99.9               | 14                | 1595                    | --                      | 885.077                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 13                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 53                 | 16                | 1035                    | --                      | 758.419                               |
| 2                                             | 2                | 94.5               | 16                | 1456                    | --                      | 599.82                                |
| 3                                             | 1                | 92.9               | 16                | --                      | --                      | 897.55                                |
| 4                                             | 3                | 50.5               | 16                | 1461                    | 1898                    | 387.44                                |
| 5                                             | 1                | 55.8               | 16                | --                      | --                      | 663.7                                 |
| 6                                             | 2                | 55.8               | 16                | 1153                    | --                      | 876.84                                |
| 7                                             | 1                | 96.8               | 16                | --                      | --                      | 258.85                                |
| 8                                             | 2                | 57.6               | 16                | 1472                    | --                      | 697.38                                |
| 9                                             | 1                | 52.8               | 16                | --                      | --                      | 238.05                                |
| 10                                            | 2                | 84.7               | 16                | 1477                    | --                      | 269.11                                |
| 11                                            | 2                | 92.9               | 16                | 1337                    | --                      | 540.7                                 |
| 12                                            | 2                | 61.8               | 16                | 1878                    | --                      | 662.5                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 22                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 82                 | 9                 | --                      | --                      | 172.917                               |
| 2                                             | 1                | 59.3               | 9                 | --                      | --                      | 608.461                               |
| 3                                             | 2                | 89.6               | 9                 | 1905                    | --                      | 424.392                               |
| 4                                             | 1                | 53.5               | 9                 | --                      | --                      | 180.013                               |
| 5                                             | 2                | 68.9               | 9                 | 1503                    | --                      | 348.334                               |
| 6                                             | 2                | 97.5               | 9                 | 1399                    | --                      | 582.715                               |
| 7                                             | 1                | 65.1               | 9                 | --                      | --                      | 909.895                               |
| 8                                             | 2                | 63.7               | 9                 | 1299                    | --                      | 873.616                               |
| 9                                             | 2                | 57.5               | 9                 | 1730                    | --                      | 417.387                               |
| 10                                            | 3                | 76.2               | 9                 | 1237                    | 1939                    | 647.018                               |
| 11                                            | 2                | 83.3               | 9                 | 1928                    | --                      | 781.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 23                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 57.1               | 14                | --                      | --                      | 65.901                                |
| 2                                             | 1                | 86.7               | 14                | --                      | --                      | 334.79                                |
| 3                                             | 3                | 91.2               | 14                | 1464                    | 1074                    | 722.8                                 |
| 4                                             | 2                | 62.7               | 14                | 1790                    | --                      | 317.33                                |
| 5                                             | 3                | 80.8               | 14                | 1118                    | 1285                    | 129.98                                |
| 6                                             | 2                | 84.3               | 14                | 1360                    | --                      | 249.47                                |
| 7                                             | 2                | 64.6               | 14                | 1038                    | --                      | 25.27                                 |
| 8                                             | 2                | 79.1               | 14                | 1527                    | --                      | 756.97                                |
| 9                                             | 1                | 86.8               | 14                | --                      | --                      | 409.03                                |
| 10                                            | 2                | 78.2               | 14                | 1256                    | --                      | 668.58                                |
| 11                                            | 3                | 50.4               | 14                | 1968                    | 1182                    | 306.55                                |
| 12                                            | 2                | 55.9               | 14                | 1089                    | --                      | 309.2                                 |
| 13                                            | 2                | 67.9               | 14                | 1084                    | --                      | 236.1                                 |
| 14                                            | 3                | 85                 | 14                | 1065                    | 1119                    | 168.6                                 |
| 15                                            | 2                | 78.1               | 14                | 1259                    | --                      | 728.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

|              |  |  |    |  |  |  |
|--------------|--|--|----|--|--|--|
| Trial Number |  |  | 24 |  |  |  |
|--------------|--|--|----|--|--|--|

| <b>Bursts in Trial</b>                               |                         |                           | <b>16</b>                |                                |                                |                                              |
|------------------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Center Frequency (MHz)</b>                        |                         |                           | <b>5550</b>              |                                |                                |                                              |
| <b>Burst</b>                                         | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                                    | 2                       | 64.7                      | 6                        | 1189                           | --                             | 620.783                                      |
| 2                                                    | 3                       | 54.8                      | 6                        | 1622                           | 1448                           | 256.86                                       |
| 3                                                    | 2                       | 75.1                      | 6                        | 1284                           | --                             | 23.87                                        |
| 4                                                    | 1                       | 71                        | 6                        | --                             | --                             | 303.19                                       |
| 5                                                    | 3                       | 88.2                      | 6                        | 1851                           | 1581                           | 385.32                                       |
| 6                                                    | 1                       | 75.6                      | 6                        | --                             | --                             | 597.77                                       |
| 7                                                    | 2                       | 75.6                      | 6                        | 1269                           | --                             | 435.6                                        |
| 8                                                    | 1                       | 82.6                      | 6                        | --                             | --                             | 360.56                                       |
| 9                                                    | 2                       | 96.8                      | 6                        | 1761                           | --                             | 77.78                                        |
| 10                                                   | 2                       | 58.1                      | 6                        | 1040                           | --                             | 173.34                                       |
| 11                                                   | 2                       | 59.3                      | 6                        | 1366                           | --                             | 737.85                                       |
| 12                                                   | 3                       | 98.3                      | 6                        | 1913                           | 1459                           | 603.56                                       |
| 13                                                   | 3                       | 80.2                      | 6                        | 1438                           | 1558                           | 374.67                                       |
| 14                                                   | 3                       | 78.3                      | 6                        | 1477                           | 1776                           | 335.3                                        |
| 15                                                   | 3                       | 82.7                      | 6                        | 1555                           | 1484                           | 146.8                                        |
| 16                                                   | 3                       | 56.2                      | 6                        | 1229                           | 1598                           | 79.4                                         |
| <b>Detection Check (Y=Detection; N=No Detection)</b> |                         |                           |                          |                                |                                | <b>Y</b>                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5550              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5550MHz, Radar 6**

| Trial Id | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9        | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29       | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |

Detection rate: 100%

**5610MHz, Radar 1**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 1          | 1.0                   | 938.0          | 57               | 53466.0                    | Y          |
| 1                    | 1          | 1.0                   | 698.0          | 76               | 53048.0                    | Y          |
| 2                    | 1          | 1.0                   | 618.0          | 86               | 53148.0                    | Y          |
| 3                    | 1          | 1.0                   | 538.0          | 99               | 53262.0                    | Y          |
| 4                    | 1          | 1.0                   | 878.0          | 61               | 53558.0                    | Y          |
| 5                    | 1          | 1.0                   | 3066.0         | 18               | 55188.0                    | Y          |
| 6                    | 1          | 1.0                   | 638.0          | 83               | 52954.0                    | Y          |
| 7                    | 1          | 1.0                   | 918.0          | 58               | 53244.0                    | Y          |
| 8                    | 1          | 1.0                   | 838.0          | 63               | 52794.0                    | Y          |
| 9                    | 1          | 1.0                   | 858.0          | 62               | 53196.0                    | Y          |
| 10                   | 1          | 1.0                   | 798.0          | 67               | 53466.0                    | Y          |
| 11                   | 1          | 1.0                   | 718.0          | 74               | 53132.0                    | Y          |
| 12                   | 1          | 1.0                   | 578.0          | 92               | 53176.0                    | Y          |
| 13                   | 1          | 1.0                   | 598.0          | 89               | 53222.0                    | Y          |
| 14                   | 1          | 1.0                   | 558.0          | 95               | 53010.0                    | Y          |
| 15                   | 1          | 1.0                   | 2536.0         | 21               | 53256.0                    | Y          |
| 16                   | 1          | 1.0                   | 966.0          | 55               | 53130.0                    | Y          |
| 17                   | 1          | 1.0                   | 827.0          | 64               | 52928.0                    | Y          |
| 18                   | 1          | 1.0                   | 2501.0         | 22               | 55022.0                    | Y          |
| 19                   | 1          | 1.0                   | 2595.0         | 21               | 54495.0                    | Y          |
| 20                   | 1          | 1.0                   | 1114.0         | 48               | 53472.0                    | Y          |
| 21                   | 1          | 1.0                   | 1302.0         | 41               | 53382.0                    | Y          |
| 22                   | 1          | 1.0                   | 3045.0         | 18               | 54810.0                    | Y          |
| 23                   | 1          | 1.0                   | 1624.0         | 33               | 53592.0                    | Y          |
| 24                   | 1          | 1.0                   | 2878.0         | 19               | 54682.0                    | Y          |
| 25                   | 1          | 1.0                   | 1027.0         | 52               | 53404.0                    | Y          |
| 26                   | 1          | 1.0                   | 2485.0         | 22               | 54670.0                    | Y          |
| 27                   | 1          | 1.0                   | 1600.0         | 33               | 52800.0                    | Y          |
| 28                   | 1          | 1.0                   | 1172.0         | 46               | 53912.0                    | Y          |
| 29                   | 1          | 1.0                   | 1177.0         | 45               | 52965.0                    | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5610MHz, Radar 2**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 2          | 3.2                   | 179.0          | 26               | 4654.0                     | Y          |
| 1                    | 2          | 1.1                   | 207.0          | 23               | 4761.0                     | Y          |
| 2                    | 2          | 2.1                   | 230.0          | 24               | 5520.0                     | Y          |
| 3                    | 2          | 4.8                   | 200.0          | 29               | 5800.0                     | Y          |
| 4                    | 2          | 3.9                   | 214.0          | 28               | 5992.0                     | Y          |
| 5                    | 2          | 2.9                   | 222.0          | 26               | 5772.0                     | Y          |
| 6                    | 2          | 3.2                   | 204.0          | 26               | 5304.0                     | Y          |
| 7                    | 2          | 2.5                   | 192.0          | 25               | 4800.0                     | Y          |
| 8                    | 2          | 3.1                   | 164.0          | 26               | 4264.0                     | Y          |
| 9                    | 2          | 1.2                   | 156.0          | 23               | 3588.0                     | Y          |
| 10                   | 2          | 3.9                   | 210.0          | 27               | 5670.0                     | Y          |
| 11                   | 2          | 4.6                   | 201.0          | 29               | 5829.0                     | Y          |
| 12                   | 2          | 3.2                   | 162.0          | 26               | 4212.0                     | Y          |
| 13                   | 2          | 2.2                   | 197.0          | 25               | 4925.0                     | Y          |
| 14                   | 2          | 4.5                   | 163.0          | 29               | 4727.0                     | Y          |
| 15                   | 2          | 3.0                   | 203.0          | 26               | 5278.0                     | Y          |
| 16                   | 2          | 5.0                   | 168.0          | 29               | 4872.0                     | Y          |
| 17                   | 2          | 2.4                   | 217.0          | 25               | 5425.0                     | Y          |
| 18                   | 2          | 2.9                   | 191.0          | 26               | 4966.0                     | Y          |
| 19                   | 2          | 2.3                   | 166.0          | 25               | 4150.0                     | Y          |
| 20                   | 2          | 3.7                   | 150.0          | 27               | 4050.0                     | Y          |
| 21                   | 2          | 2.2                   | 176.0          | 25               | 4400.0                     | Y          |
| 22                   | 2          | 4.9                   | 195.0          | 29               | 5655                       | Y          |
| 23                   | 2          | 2.9                   | 202.0          | 26               | 5252.0                     | Y          |
| 24                   | 2          | 2.5                   | 178.0          | 25               | 4450.0                     | Y          |
| 25                   | 2          | 1.1                   | 206.0          | 23               | 4738.0                     | Y          |
| 26                   | 2          | 3.8                   | 155.0          | 27               | 4185.0                     | Y          |
| 27                   | 2          | 4.7                   | 157.0          | 29               | 4553.0                     | Y          |
| 28                   | 2          | 2.4                   | 224.0          | 25               | 5600.0                     | Y          |
| 29                   | 2          | 4.2                   | 159.0          | 28               | 4452.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5610MHz, Radar 3**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 3          | 8.2                   | 355.0          | 17               | 6035.0                     | Y          |
| 1                    | 3          | 6.1                   | 487.0          | 16               | 7792.0                     | Y          |
| 2                    | 3          | 7.1                   | 344.0          | 16               | 5504.0                     | Y          |
| 3                    | 3          | 9.8                   | 288.0          | 18               | 5184.0                     | Y          |
| 4                    | 3          | 8.9                   | 230.0          | 18               | 4140.0                     | Y          |
| 5                    | 3          | 7.9                   | 432.0          | 17               | 7344.0                     | Y          |
| 6                    | 3          | 8.2                   | 207.0          | 17               | 3519.0                     | Y          |
| 7                    | 3          | 7.5                   | 443.0          | 17               | 7531.0                     | Y          |
| 8                    | 3          | 8.1                   | 439.0          | 17               | 7463.0                     | Y          |
| 9                    | 3          | 6.2                   | 223.0          | 16               | 3568.0                     | Y          |
| 10                   | 3          | 8.9                   | 208.0          | 18               | 3744.0                     | Y          |
| 11                   | 3          | 9.6                   | 463.0          | 18               | 8334.0                     | Y          |
| 12                   | 3          | 8.2                   | 441.0          | 17               | 7497.0                     | Y          |
| 13                   | 3          | 7.2                   | 323.0          | 16               | 5168.0                     | Y          |
| 14                   | 3          | 9.5                   | 297.0          | 18               | 5346.0                     | Y          |
| 15                   | 3          | 8.0                   | 412.0          | 17               | 7004.0                     | Y          |
| 16                   | 3          | 10.0                  | 324.0          | 18               | 5832.0                     | Y          |
| 17                   | 3          | 7.4                   | 271.0          | 17               | 4607.0                     | Y          |
| 18                   | 3          | 7.9                   | 349.0          | 17               | 5933.0                     | Y          |
| 19                   | 3          | 7.3                   | 409.0          | 16               | 6544.0                     | Y          |
| 20                   | 3          | 8.7                   | 373.0          | 18               | 6714.0                     | Y          |
| 21                   | 3          | 7.2                   | 254.0          | 16               | 4064.0                     | Y          |
| 22                   | 3          | 9.9                   | 274.0          | 18               | 4932.0                     | Y          |
| 23                   | 3          | 7.9                   | 278.0          | 17               | 4726.0                     | Y          |
| 24                   | 3          | 7.5                   | 317.0          | 17               | 5389.0                     | Y          |
| 25                   | 3          | 6.1                   | 260.0          | 16               | 4160.0                     | Y          |
| 26                   | 3          | 8.8                   | 211.0          | 18               | 3798.0                     | Y          |
| 27                   | 3          | 9.7                   | 272.0          | 18               | 4896.0                     | Y          |
| 28                   | 3          | 7.4                   | 264.0          | 17               | 4488.0                     | Y          |
| 29                   | 3          | 9.2                   | 284.0          | 18               | 5112.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5610MHz, Radar 4**

| Trial Id             | Radar Type | Pulse Width( $\mu$ s) | PRI ( $\mu$ s) | Number of Pulses | Waveform Length ( $\mu$ s) | conclusion |
|----------------------|------------|-----------------------|----------------|------------------|----------------------------|------------|
| 0                    | 4          | 16.0                  | 355.0          | 14               | 4970.0                     | Y          |
| 1                    | 4          | 11.3                  | 487.0          | 12               | 5844.0                     | Y          |
| 2                    | 4          | 13.5                  | 344.0          | 13               | 4472.0                     | Y          |
| 3                    | 4          | 19.4                  | 288.0          | 16               | 4608.0                     | Y          |
| 4                    | 4          | 17.5                  | 230.0          | 15               | 3450.0                     | Y          |
| 5                    | 4          | 15.3                  | 432.0          | 14               | 6048.0                     | Y          |
| 6                    | 4          | 15.9                  | 207.0          | 14               | 2898.0                     | Y          |
| 7                    | 4          | 14.3                  | 443.0          | 13               | 5759.0                     | Y          |
| 8                    | 4          | 15.8                  | 439.0          | 14               | 6146.0                     | Y          |
| 9                    | 4          | 11.5                  | 223.0          | 12               | 2676.0                     | Y          |
| 10                   | 4          | 17.4                  | 208.0          | 15               | 3120.0                     | Y          |
| 11                   | 4          | 19.0                  | 463.0          | 16               | 7408.0                     | Y          |
| 12                   | 4          | 16.0                  | 441.0          | 14               | 6174.0                     | Y          |
| 13                   | 4          | 13.8                  | 323.0          | 13               | 4199.0                     | Y          |
| 14                   | 4          | 18.9                  | 297.0          | 16               | 4752.0                     | Y          |
| 15                   | 4          | 15.5                  | 412.0          | 14               | 5768.0                     | Y          |
| 16                   | 4          | 19.9                  | 324.0          | 16               | 5184.0                     | Y          |
| 17                   | 4          | 14.1                  | 271.0          | 13               | 3523.0                     | Y          |
| 18                   | 4          | 15.2                  | 349.0          | 14               | 4886.0                     | Y          |
| 19                   | 4          | 13.8                  | 409.0          | 13               | 5317.0                     | Y          |
| 20                   | 4          | 17.1                  | 373.0          | 15               | 5595.0                     | Y          |
| 21                   | 4          | 13.8                  | 254.0          | 13               | 3302.0                     | Y          |
| 22                   | 4          | 19.8                  | 274.0          | 16               | 4384.0                     | Y          |
| 23                   | 4          | 15.3                  | 278.0          | 14               | 3892.0                     | Y          |
| 24                   | 4          | 14.5                  | 317.0          | 13               | 4121.0                     | Y          |
| 25                   | 4          | 11.3                  | 260.0          | 12               | 3120.0                     | Y          |
| 26                   | 4          | 17.3                  | 211.0          | 15               | 3165.0                     | Y          |
| 27                   | 4          | 19.2                  | 272.0          | 16               | 4352.0                     | Y          |
| 28                   | 4          | 14.2                  | 264.0          | 13               | 3432.0                     | Y          |
| 29                   | 4          | 18.2                  | 284.0          | 15               | 4260.0                     | Y          |
| Detection rate: 100% |            |                       |                |                  |                            |            |

**5610MHz, Radar 5**

| Trial Id            | Radar Type | Number of Pulses | Chip Width (MHz) | Burst Period (s) | Waveform Length (μs) | Center Frequency (MHz) | conclusion |
|---------------------|------------|------------------|------------------|------------------|----------------------|------------------------|------------|
| 0                   | 5          | 15               | 13               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 1                   | 5          | 8                | 19               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 2                   | 5          | 11               | 11               | 1.0909091        | 12.0                 | 5.2700                 | Y          |
| 3                   | 5          | 20               | 12               | 0.6000000        | 12.0                 | 5.2700                 | Y          |
| 4                   | 5          | 17               | 6                | 0.7058824        | 12.0                 | 5.2700                 | Y          |
| 5                   | 5          | 14               | 15               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 6                   | 5          | 15               | 16               | 0.8000000        | 12.0                 | 5.2700                 | Y          |
| 7                   | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2700                 | Y          |
| 8                   | 5          | 14               | 19               | 0.8571429        | 12.0                 | 5.2700                 | Y          |
| 9                   | 5          | 8                | 12               | 1.5000000        | 12.0                 | 5.2700                 | Y          |
| 10                  | 5          | 17               | 7                | 0.7058824        | 12.0                 | 5.2564                 | Y          |
| 11                  | 5          | 19               | 11               | 0.6315789        | 12.0                 | 5.2576                 | Y          |
| 12                  | 5          | 15               | 14               | 0.8000000        | 12.0                 | 5.2552                 | Y          |
| 13                  | 5          | 12               | 16               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 14                  | 5          | 19               | 9                | 0.6315789        | 12.0                 | 5.2572                 | Y          |
| 15                  | 5          | 14               | 16               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 16                  | 5          | 20               | 13               | 0.6000000        | 12.0                 | 5.2580                 | Y          |
| 17                  | 5          | 12               | 7                | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 18                  | 5          | 14               | 10               | 0.8571429        | 12.0                 | 5.2548                 | Y          |
| 19                  | 5          | 12               | 19               | 1.0000000        | 12.0                 | 5.2540                 | Y          |
| 20                  | 5          | 16               | 12               | 0.7500000        | 12.0                 | 5.2840                 | Y          |
| 21                  | 5          | 12               | 14               | 1.0000000        | 12.0                 | 5.2864                 | Y          |
| 22                  | 5          | 20               | 9                | 0.6000000        | 12.0                 | 5.2820                 | Y          |
| 23                  | 5          | 14               | 14               | 0.8571429        | 12.0                 | 5.2852                 | Y          |
| 24                  | 5          | 13               | 6                | 0.9230769        | 12.0                 | 5.2856                 | Y          |
| 25                  | 5          | 8                | 7                | 1.5000000        | 12.0                 | 5.2880                 | N          |
| 26                  | 5          | 17               | 18               | 0.7058824        | 12.0                 | 5.2836                 | Y          |
| 27                  | 5          | 19               | 16               | 0.6315789        | 12.0                 | 5.2824                 | Y          |
| 28                  | 5          | 12               | 17               | 1.0000000        | 12.0                 | 5.2860                 | Y          |
| 29                  | 5          | 18               | 16               | 0.6666667        | 12.0                 | 5.2832                 | Y          |
| Detection rate: 97% |            |                  |                  |                  |                      |                        |            |

| Trial Number                                  |                  |                    | 0                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 71.5               | 13                | --                      | --                      | 382.157                               |
| 2                                             | 1                | 73.2               | 13                | --                      | --                      | 537.38                                |
| 3                                             | 1                | 95.5               | 13                | --                      | --                      | 301.44                                |
| 4                                             | 2                | 88.4               | 13                | 1280                    | --                      | 586.04                                |
| 5                                             | 2                | 64.8               | 13                | 1624                    | --                      | 322.44                                |
| 6                                             | 1                | 77.3               | 13                | --                      | --                      | 33.47                                 |
| 7                                             | 2                | 64.3               | 13                | 1035                    | --                      | 238.39                                |
| 8                                             | 1                | 97.4               | 13                | --                      | --                      | 422.7                                 |
| 9                                             | 1                | 60.5               | 13                | --                      | --                      | 589.16                                |
| 10                                            | 2                | 77.3               | 13                | 1797                    | --                      | 269.82                                |
| 11                                            | 1                | 60.3               | 13                | --                      | --                      | 14.29                                 |
| 12                                            | 1                | 99.3               | 13                | --                      | --                      | 734.54                                |
| 13                                            | 2                | 65.1               | 13                | 1528                    | --                      | 118.33                                |
| 14                                            | 2                | 56.9               | 13                | 1137                    | --                      | 496.3                                 |
| 15                                            | 1                | 86                 | 13                | --                      | --                      | 208.7                                 |
| 16                                            | 1                | 83.5               | 13                | --                      | --                      | 545                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 1                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 96.6               | 19                | 1441                    | 1588                    | 157.072                               |
| 2                                             | 2                | 57                 | 19                | 1003                    | --                      | 31.84                                 |
| 3                                             | 1                | 99.4               | 19                | --                      | --                      | 593.46                                |
| 4                                             | 3                | 51.4               | 19                | 1076                    | 1207                    | 174.33                                |
| 5                                             | 3                | 71.5               | 19                | 1105                    | 1860                    | 53.87                                 |
| 6                                             | 2                | 99.5               | 19                | 1009                    | --                      | 204.9                                 |
| 7                                             | 2                | 96.8               | 19                | 1888                    | --                      | 972.89                                |
| 8                                             | 2                | 62.8               | 19                | 1708                    | --                      | 421.81                                |
| 9                                             | 2                | 68.6               | 19                | 1979                    | --                      | 675.92                                |
| 10                                            | 1                | 52.2               | 19                | --                      | --                      | 905.33                                |
| 11                                            | 2                | 71.2               | 19                | 1891                    | --                      | 626.2                                 |
| 12                                            | 1                | 80.7               | 19                | --                      | --                      | 297.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 2                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 73                 | 11                | 1720                    | --                      | 60.341                                |
| 2                                             | 2                | 86.6               | 11                | 1086                    | --                      | 471.34                                |
| 3                                             | 2                | 52                 | 11                | 1769                    | --                      | 149.46                                |
| 4                                             | 3                | 89.5               | 11                | 1050                    | 1774                    | 665.26                                |
| 5                                             | 2                | 91.3               | 11                | 1275                    | --                      | 763.12                                |
| 6                                             | 1                | 87.6               | 11                | --                      | --                      | 242.46                                |
| 7                                             | 2                | 95.7               | 11                | 1592                    | --                      | 386.09                                |
| 8                                             | 1                | 79.1               | 11                | --                      | --                      | 690.82                                |
| 9                                             | 2                | 63                 | 11                | 1026                    | --                      | 448.47                                |
| 10                                            | 3                | 78.5               | 11                | 1233                    | 1434                    | 781.34                                |
| 11                                            | 2                | 71.4               | 11                | 1774                    | --                      | 534                                   |
| 12                                            | 2                | 93.2               | 11                | 1268                    | --                      | 689.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 3                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 51.8               | 12                | 1987                    | 1673                    | 785.215                               |
| 2                                             | 1                | 67.1               | 12                | --                      | --                      | 304.74                                |
| 3                                             | 2                | 80.4               | 12                | 1189                    | --                      | 234.53                                |
| 4                                             | 2                | 57.2               | 12                | 1369                    | --                      | 400.36                                |
| 5                                             | 3                | 80.9               | 12                | 1841                    | 1377                    | 257.92                                |
| 6                                             | 2                | 66.8               | 12                | 1850                    | --                      | 641.28                                |
| 7                                             | 2                | 78.3               | 12                | 1566                    | --                      | 763.04                                |
| 8                                             | 1                | 95.7               | 12                | --                      | --                      | 315.89                                |
| 9                                             | 2                | 72.6               | 12                | 1987                    | --                      | 694.91                                |
| 10                                            | 2                | 86.1               | 12                | 1099                    | --                      | 12.39                                 |
| 11                                            | 3                | 54.6               | 12                | 1547                    | 1020                    | 744.49                                |
| 12                                            | 3                | 82.4               | 12                | 1778                    | 1816                    | 623.75                                |
| 13                                            | 2                | 52.6               | 12                | 1943                    | --                      | 704.1                                 |
| 14                                            | 3                | 88.8               | 12                | 1592                    | 1140                    | 155.2                                 |
| 15                                            | 2                | 91.6               | 12                | 1430                    | --                      | 771.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 4                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 91.5               | 6                 | 1778                    | --                      | 131.166                               |
| 2                                             | 1                | 58.6               | 6                 | --                      | --                      | 306.44                                |
| 3                                             | 1                | 54.2               | 6                 | --                      | --                      | 157.68                                |
| 4                                             | 1                | 68.4               | 6                 | --                      | --                      | 464.16                                |
| 5                                             | 2                | 62.8               | 6                 | 1467                    | --                      | 725.57                                |
| 6                                             | 1                | 90.9               | 6                 | --                      | --                      | 277.06                                |
| 7                                             | 1                | 93.9               | 6                 | --                      | --                      | 278.94                                |
| 8                                             | 2                | 67.7               | 6                 | 1128                    | --                      | 83.93                                 |
| 9                                             | 2                | 57.2               | 6                 | 1328                    | --                      | 324.65                                |
| 10                                            | 2                | 77.5               | 6                 | 1726                    | --                      | 269.88                                |
| 11                                            | 1                | 53.8               | 6                 | --                      | --                      | 538.06                                |
| 12                                            | 2                | 56.7               | 6                 | 1884                    | --                      | 731.59                                |
| 13                                            | 3                | 50.7               | 6                 | 1243                    | 1550                    | 206.21                                |
| 14                                            | 2                | 86.2               | 6                 | 1189                    | --                      | 307.7                                 |
| 15                                            | 1                | 82.7               | 6                 | --                      | --                      | 208.1                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 5                 |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 10                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 90.1               | 15                | --                      | --                      | 1033.2                                |
| 2                                             | 2                | 80.7               | 15                | 1532                    | --                      | 510.9                                 |
| 3                                             | 1                | 99.6               | 15                | --                      | --                      | 454.39                                |
| 4                                             | 1                | 50.8               | 15                | --                      | --                      | 577.37                                |
| 5                                             | 1                | 60.7               | 15                | --                      | --                      | 101.54                                |
| 6                                             | 3                | 90                 | 15                | 1254                    | 1217                    | 724.3                                 |
| 7                                             | 2                | 89.1               | 15                | 1337                    | --                      | 977.24                                |
| 8                                             | 2                | 96.6               | 15                | 1506                    | --                      | 497.64                                |
| 9                                             | 1                | 76.3               | 15                | --                      | --                      | 19.63                                 |
| 10                                            | 1                | 55.9               | 15                | --                      | --                      | 793.8                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| <b>Trial Number</b>                           |                         |                           | <b>6</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>16</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5610</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 3                       | 57.1                      | 16                       | 1529                           | 1704                           | 329.074                                      |
| 2                                             | 2                       | 89.7                      | 16                       | 1153                           | --                             | 181.929                                      |
| 3                                             | 1                       | 57                        | 16                       | --                             | --                             | 661.73                                       |
| 4                                             | 3                       | 76.3                      | 16                       | 1421                           | 1729                           | 676.54                                       |
| 5                                             | 2                       | 85                        | 16                       | 1471                           | --                             | 195.28                                       |
| 6                                             | 2                       | 51.1                      | 16                       | 1777                           | --                             | 133.14                                       |
| 7                                             | 2                       | 87.4                      | 16                       | 1935                           | --                             | 235.39                                       |
| 8                                             | 1                       | 76.9                      | 16                       | --                             | --                             | 689.87                                       |
| 9                                             | 2                       | 53.7                      | 16                       | 1406                           | --                             | 108.86                                       |
| 10                                            | 1                       | 63.5                      | 16                       | --                             | --                             | 298.5                                        |
| 11                                            | 2                       | 71.6                      | 16                       | 1480                           | --                             | 455.93                                       |
| 12                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 458.73                                       |
| 13                                            | 1                       | 54.9                      | 16                       | --                             | --                             | 655.32                                       |
| 14                                            | 1                       | 74.4                      | 16                       | --                             | --                             | 342.5                                        |
| 15                                            | 3                       | 57.1                      | 16                       | 1803                           | 1961                           | 253.6                                        |
| 16                                            | 2                       | 60.1                      | 16                       | 1173                           | --                             | 626.3                                        |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>7</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>10</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5610</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 73.5                      | 17                       | --                             | --                             | 1027.02                                      |
| 2                                             | 1                       | 89.6                      | 17                       | --                             | --                             | 288.87                                       |
| 3                                             | 2                       | 96.4                      | 17                       | 1502                           | --                             | 940.16                                       |
| 4                                             | 1                       | 55.4                      | 17                       | --                             | --                             | 538.88                                       |
| 5                                             | 3                       | 77.4                      | 17                       | 1678                           | 1866                           | 313.88                                       |
| 6                                             | 3                       | 94.7                      | 17                       | 1377                           | 1225                           | 810.56                                       |
| 7                                             | 3                       | 87.8                      | 17                       | 1040                           | 1623                           | 571.58                                       |
| 8                                             | 3                       | 69.1                      | 17                       | 1265                           | 1703                           | 573.24                                       |
| 9                                             | 2                       | 93.1                      | 17                       | 1526                           | --                             | 732                                          |
| 10                                            | 2                       | 84.2                      | 17                       | 1218                           | --                             | 1135.7                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>8</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>17</b>                |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5610</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 99.9                      | 19                       | --                             | --                             | 379.224                                      |
| 2                                             | 3                       | 66.9                      | 19                       | 1884                           | 1117                           | 141.215                                      |
| 3                                             | 3                       | 93.9                      | 19                       | 1541                           | 1081                           | 385.095                                      |
| 4                                             | 1                       | 68.1                      | 19                       | --                             | --                             | 381.083                                      |
| 5                                             | 3                       | 64.4                      | 19                       | 1524                           | 1742                           | 555.971                                      |
| 6                                             | 1                       | 55.5                      | 19                       | --                             | --                             | 305.368                                      |
| 7                                             | 2                       | 75.7                      | 19                       | 1657                           | --                             | 524.546                                      |
| 8                                             | 2                       | 79.3                      | 19                       | 1445                           | --                             | 300.074                                      |
| 9                                             | 2                       | 92.5                      | 19                       | 1739                           | --                             | 217.191                                      |
| 10                                            | 1                       | 53.5                      | 19                       | --                             | --                             | 379.719                                      |
| 11                                            | 1                       | 76                        | 19                       | --                             | --                             | 408.816                                      |
| 12                                            | 2                       | 90.7                      | 19                       | 1974                           | --                             | 321.334                                      |
| 13                                            | 3                       | 50                        | 19                       | 1043                           | 1917                           | 429.582                                      |
| 14                                            | 3                       | 55.9                      | 19                       | 1721                           | 1782                           | 269.669                                      |
| 15                                            | 3                       | 62.5                      | 19                       | 1735                           | 1532                           | 392.247                                      |
| 16                                            | 2                       | 97.3                      | 19                       | 1930                           | --                             | 543.265                                      |
| 17                                            | 3                       | 64                        | 19                       | 1406                           | 1172                           | 103.082                                      |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| <b>Trial Number</b>                           |                         |                           | <b>9</b>                 |                                |                                |                                              |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------|--------------------------------|--------------------------------|----------------------------------------------|
| <b>Bursts in Trial</b>                        |                         |                           | <b>8</b>                 |                                |                                |                                              |
| <b>Center Frequency (MHz)</b>                 |                         |                           | <b>5610</b>              |                                |                                |                                              |
| <b>Burst</b>                                  | <b>Number of Pulses</b> | <b>Pulse Width (μsec)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 PRI (μsec)</b> | <b>Pulse 2-to-3 PRI (μsec)</b> | <b>Start Location Within Interval (msec)</b> |
| 1                                             | 1                       | 72.5                      | 12                       | --                             | --                             | 509.857                                      |
| 2                                             | 1                       | 82.2                      | 12                       | --                             | --                             | 164.27                                       |
| 3                                             | 2                       | 95.6                      | 12                       | 1652                           | --                             | 1336.41                                      |
| 4                                             | 3                       | 97.5                      | 12                       | 1913                           | 1669                           | 1403.44                                      |
| 5                                             | 3                       | 56.8                      | 12                       | 1289                           | 1286                           | 1431.47                                      |
| 6                                             | 1                       | 59.1                      | 12                       | --                             | --                             | 847.09                                       |
| 7                                             | 2                       | 79.4                      | 12                       | 1668                           | --                             | 1007.5                                       |
| 8                                             | 1                       | 57                        | 12                       | --                             | --                             | 1064.5                                       |
| Detection Check (Y=Detection; N=No Detection) |                         |                           |                          |                                |                                | Y                                            |

| Trial Number                                  |                  |                    | 10                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 17                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 78.3               | 7                 | --                      | --                      | 66.832                                |
| 2                                             | 2                | 84.7               | 7                 | 1277                    | --                      | 533.498                               |
| 3                                             | 3                | 66.8               | 7                 | 1498                    | 1487                    | 363.275                               |
| 4                                             | 3                | 85.1               | 7                 | 1385                    | 1978                    | 101.033                               |
| 5                                             | 3                | 50.6               | 7                 | 1597                    | 1042                    | 240.291                               |
| 6                                             | 2                | 70.9               | 7                 | 1963                    | --                      | 359.558                               |
| 7                                             | 2                | 52.6               | 7                 | 1254                    | --                      | 587.176                               |
| 8                                             | 1                | 99.2               | 7                 | --                      | --                      | 324.064                               |
| 9                                             | 1                | 99.4               | 7                 | --                      | --                      | 661.481                               |
| 10                                            | 1                | 60.8               | 7                 | --                      | --                      | 618.299                               |
| 11                                            | 1                | 98.1               | 7                 | --                      | --                      | 161.846                               |
| 12                                            | 3                | 71.3               | 7                 | 1514                    | 1297                    | 681.744                               |
| 13                                            | 1                | 71.1               | 7                 | --                      | --                      | 57.432                                |
| 14                                            | 1                | 64.2               | 7                 | --                      | --                      | 614.609                               |
| 15                                            | 3                | 94.2               | 7                 | 1515                    | 1757                    | 3.997                                 |
| 16                                            | 2                | 90.2               | 7                 | 1007                    | --                      | 409.465                               |
| 17                                            | 2                | 94.5               | 7                 | 1152                    | --                      | 96.682                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 11                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 56.2               | 11                | --                      | --                      | 837.948                               |
| 2                                             | 3                | 97.4               | 11                | 1384                    | 1150                    | 805.177                               |
| 3                                             | 1                | 82.6               | 11                | --                      | --                      | 108.874                               |
| 4                                             | 2                | 81.2               | 11                | 1739                    | --                      | 561.491                               |
| 5                                             | 3                | 57.1               | 11                | 1500                    | 1788                    | 637.839                               |
| 6                                             | 1                | 96.9               | 11                | --                      | --                      | 470.256                               |
| 7                                             | 2                | 78.8               | 11                | 1644                    | --                      | 186.843                               |
| 8                                             | 2                | 55.2               | 11                | 1314                    | --                      | 537.84                                |
| 9                                             | 2                | 90.3               | 11                | 1517                    | --                      | 210.307                               |
| 10                                            | 2                | 86.8               | 11                | 1352                    | --                      | 340.554                               |
| 11                                            | 1                | 72                 | 11                | --                      | --                      | 461.061                               |
| 12                                            | 2                | 56.3               | 11                | 1749                    | --                      | 109.089                               |
| 13                                            | 2                | 77.1               | 11                | 1952                    | --                      | 370.286                               |
| 14                                            | 1                | 93.2               | 11                | --                      | --                      | 5.543                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 12                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 13                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 95.8               | 14                | 1940                    | 1066                    | 135.166                               |
| 2                                             | 2                | 96.9               | 14                | 1620                    | --                      | 508.763                               |
| 3                                             | 2                | 64.3               | 14                | 1609                    | --                      | 877.786                               |
| 4                                             | 3                | 97.1               | 14                | 1568                    | 1125                    | 354.559                               |
| 5                                             | 2                | 69.8               | 14                | 1068                    | --                      | 329.312                               |
| 6                                             | 2                | 82                 | 14                | 1940                    | --                      | 103.175                               |
| 7                                             | 2                | 97                 | 14                | 1961                    | --                      | 131.808                               |
| 8                                             | 2                | 93.5               | 14                | 1084                    | --                      | 199.242                               |
| 9                                             | 3                | 59.3               | 14                | 1735                    | 1223                    | 244.985                               |
| 10                                            | 2                | 54.1               | 14                | 1500                    | --                      | 916.988                               |
| 11                                            | 1                | 86.7               | 14                | --                      | --                      | 784.231                               |
| 12                                            | 3                | 84.8               | 14                | 1763                    | 1920                    | 134.054                               |
| 13                                            | 2                | 99.9               | 14                | 1595                    | --                      | 885.077                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 13                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 53                 | 16                | 1035                    | --                      | 758.419                               |
| 2                                             | 2                | 94.5               | 16                | 1456                    | --                      | 599.82                                |
| 3                                             | 1                | 92.9               | 16                | --                      | --                      | 897.55                                |
| 4                                             | 3                | 50.5               | 16                | 1461                    | 1898                    | 387.44                                |
| 5                                             | 1                | 55.8               | 16                | --                      | --                      | 663.7                                 |
| 6                                             | 2                | 55.8               | 16                | 1153                    | --                      | 876.84                                |
| 7                                             | 1                | 96.8               | 16                | --                      | --                      | 258.85                                |
| 8                                             | 2                | 57.6               | 16                | 1472                    | --                      | 697.38                                |
| 9                                             | 1                | 52.8               | 16                | --                      | --                      | 238.05                                |
| 10                                            | 2                | 84.7               | 16                | 1477                    | --                      | 269.11                                |
| 11                                            | 2                | 92.9               | 16                | 1337                    | --                      | 540.7                                 |
| 12                                            | 2                | 61.8               | 16                | 1878                    | --                      | 662.5                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 14                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 87.7               | 9                 | 1289                    | 1972                    | 865.268                               |
| 2                                             | 2                | 75.3               | 9                 | 1086                    | --                      | 643.12                                |
| 3                                             | 3                | 61.7               | 9                 | 1399                    | 1818                    | 607.79                                |
| 4                                             | 1                | 84.4               | 9                 | --                      | --                      | 423.86                                |
| 5                                             | 2                | 80                 | 9                 | 1874                    | --                      | 777.53                                |
| 6                                             | 2                | 91.9               | 9                 | 1107                    | --                      | 742.23                                |
| 7                                             | 3                | 80.6               | 9                 | 1890                    | 1876                    | 467.68                                |
| 8                                             | 1                | 52.4               | 9                 | --                      | --                      | 420.12                                |
| 9                                             | 1                | 65.8               | 9                 | --                      | --                      | 764.91                                |
| 10                                            | 1                | 88.1               | 9                 | --                      | --                      | 921.18                                |
| 11                                            | 2                | 97.7               | 9                 | 1534                    | --                      | 726                                   |
| 12                                            | 2                | 53.1               | 9                 | 1425                    | --                      | 270.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 15                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 97.9               | 16                | 1023                    | 1938                    | 381.483                               |
| 2                                             | 3                | 70.6               | 16                | 1507                    | 1652                    | 143.51                                |
| 3                                             | 3                | 79.6               | 16                | 1185                    | 1158                    | 742.51                                |
| 4                                             | 2                | 57.2               | 16                | 1657                    | --                      | 694.15                                |
| 5                                             | 2                | 61.8               | 16                | 1683                    | --                      | 337.15                                |
| 6                                             | 1                | 66.3               | 16                | --                      | --                      | 683.08                                |
| 7                                             | 1                | 82.8               | 16                | --                      | --                      | 472.18                                |
| 8                                             | 3                | 93.4               | 16                | 1072                    | 1130                    | 445.02                                |
| 9                                             | 2                | 89.6               | 16                | 1646                    | --                      | 593.37                                |
| 10                                            | 3                | 94.1               | 16                | 1786                    | 1020                    | 448.75                                |
| 11                                            | 1                | 66.7               | 16                | --                      | --                      | 26.17                                 |
| 12                                            | 2                | 58.1               | 16                | 1687                    | --                      | 734.86                                |
| 13                                            | 2                | 72.2               | 16                | 1767                    | --                      | 337.55                                |
| 14                                            | 3                | 69.4               | 16                | 1373                    | 1948                    | 365.9                                 |
| 15                                            | 2                | 90.3               | 16                | 1006                    | --                      | 82.7                                  |
| 16                                            | 2                | 78.6               | 16                | 1093                    | --                      | 219.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 16                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 20                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 86.8               | 13                | 1633                    | 1688                    | 157.83                                |
| 2                                             | 2                | 85.7               | 13                | 1004                    | --                      | 161.457                               |
| 3                                             | 2                | 68.1               | 13                | 1361                    | --                      | 539.54                                |
| 4                                             | 2                | 70.2               | 13                | 1542                    | --                      | 410.24                                |
| 5                                             | 3                | 60.2               | 13                | 1702                    | 1157                    | 148.84                                |
| 6                                             | 1                | 53.2               | 13                | --                      | --                      | 367.52                                |
| 7                                             | 3                | 60.5               | 13                | 1463                    | 1735                    | 451.72                                |
| 8                                             | 2                | 93.9               | 13                | 1676                    | --                      | 576.92                                |
| 9                                             | 3                | 65.7               | 13                | 1695                    | 1344                    | 391.29                                |
| 10                                            | 2                | 62.9               | 13                | 1065                    | --                      | 220.07                                |
| 11                                            | 3                | 93.5               | 13                | 1923                    | 1287                    | 303.52                                |
| 12                                            | 2                | 75.6               | 13                | 1938                    | --                      | 287.4                                 |
| 13                                            | 2                | 64.2               | 13                | 1300                    | --                      | 193.44                                |
| 14                                            | 3                | 83.3               | 13                | 1347                    | 1628                    | 380.54                                |
| 15                                            | 1                | 65.3               | 13                | --                      | --                      | 504.53                                |
| 16                                            | 1                | 54.3               | 13                | --                      | --                      | 38.58                                 |
| 17                                            | 3                | 67.7               | 13                | 1394                    | 1690                    | 206.63                                |
| 18                                            | 3                | 80.2               | 13                | 1533                    | 1199                    | 278.5                                 |
| 19                                            | 1                | 52.8               | 13                | --                      | --                      | 418.4                                 |
| 20                                            | 1                | 51.8               | 13                | --                      | --                      | 522                                   |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 17                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 12                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 75.1               | 7                 | 1527                    | --                      | 378.064                               |
| 2                                             | 1                | 52                 | 7                 | --                      | --                      | 894.91                                |
| 3                                             | 3                | 86.1               | 7                 | 1038                    | 1823                    | 566.72                                |
| 4                                             | 2                | 87.3               | 7                 | 1203                    | --                      | 633.91                                |
| 5                                             | 1                | 76.6               | 7                 | --                      | --                      | 748.36                                |
| 6                                             | 2                | 52.1               | 7                 | 1428                    | --                      | 938.9                                 |
| 7                                             | 1                | 80.2               | 7                 | --                      | --                      | 916.04                                |
| 8                                             | 2                | 84.9               | 7                 | 1434                    | --                      | 220.9                                 |
| 9                                             | 3                | 66                 | 7                 | 1680                    | 1545                    | 735.64                                |
| 10                                            | 3                | 98.9               | 7                 | 1069                    | 1516                    | 489.68                                |
| 11                                            | 2                | 88.8               | 7                 | 1462                    | --                      | 6.6                                   |
| 12                                            | 2                | 83.7               | 7                 | 1680                    | --                      | 832.6                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 18                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 14                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 79.3               | 10                | 1020                    | 1017                    | 192.931                               |
| 2                                             | 1                | 62.2               | 10                | --                      | --                      | 96.667                                |
| 3                                             | 3                | 83.7               | 10                | 1630                    | 1335                    | 273.514                               |
| 4                                             | 2                | 53.7               | 10                | 1764                    | --                      | 110.471                               |
| 5                                             | 2                | 77.8               | 10                | 1592                    | --                      | 263.819                               |
| 6                                             | 2                | 60.9               | 10                | 1984                    | --                      | 632.906                               |
| 7                                             | 1                | 67.9               | 10                | --                      | --                      | 627.323                               |
| 8                                             | 2                | 69.3               | 10                | 1449                    | --                      | 368.52                                |
| 9                                             | 2                | 64.3               | 10                | 1398                    | --                      | 298.147                               |
| 10                                            | 1                | 58.3               | 10                | --                      | --                      | 130.664                               |
| 11                                            | 3                | 54                 | 10                | 1917                    | 1051                    | 9.831                                 |
| 12                                            | 2                | 58.9               | 10                | 1493                    | --                      | 454.209                               |
| 13                                            | 2                | 75.9               | 10                | 1065                    | --                      | 520.086                               |
| 14                                            | 2                | 52.5               | 10                | 1808                    | --                      | 280.443                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 19                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 18                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 81.4               | 19                | 1665                    | --                      | 379.976                               |
| 2                                             | 2                | 98.8               | 19                | 1428                    | --                      | 272.868                               |
| 3                                             | 2                | 60.4               | 19                | 1371                    | --                      | 570.017                               |
| 4                                             | 2                | 97                 | 19                | 1547                    | --                      | 562.33                                |
| 5                                             | 2                | 86.2               | 19                | 1951                    | --                      | 145.103                               |
| 6                                             | 3                | 79.4               | 19                | 1380                    | 1824                    | 78.747                                |
| 7                                             | 3                | 88.9               | 19                | 1956                    | 1288                    | 310.78                                |
| 8                                             | 2                | 65                 | 19                | 1220                    | --                      | 502.523                               |
| 9                                             | 2                | 67.4               | 19                | 1831                    | --                      | 239.657                               |
| 10                                            | 3                | 57.6               | 19                | 1469                    | 1682                    | 12.3                                  |
| 11                                            | 1                | 51.4               | 19                | --                      | --                      | 612.783                               |
| 12                                            | 1                | 65.1               | 19                | --                      | --                      | 70.597                                |
| 13                                            | 2                | 58.8               | 19                | 1161                    | --                      | 630.95                                |
| 14                                            | 1                | 56.5               | 19                | --                      | --                      | 239.533                               |
| 15                                            | 3                | 72.5               | 19                | 1697                    | 1127                    | 465.857                               |
| 16                                            | 2                | 86                 | 19                | 1139                    | --                      | 25.3                                  |
| 17                                            | 3                | 82.8               | 19                | 1615                    | 1859                    | 279.433                               |
| 18                                            | 3                | 63.2               | 19                | 1338                    | 1480                    | 607.867                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 20                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 87.9               | 12                | --                      | --                      | 203.419                               |
| 2                                             | 3                | 91.8               | 12                | 1177                    | 1664                    | 420.39                                |
| 3                                             | 2                | 81.2               | 12                | 1861                    | --                      | 263.57                                |
| 4                                             | 3                | 69                 | 12                | 1086                    | 1723                    | 420.04                                |
| 5                                             | 3                | 71.3               | 12                | 1867                    | 1451                    | 255.33                                |
| 6                                             | 2                | 66                 | 12                | 1807                    | --                      | 76.06                                 |
| 7                                             | 3                | 59.7               | 12                | 1364                    | 1272                    | 600.22                                |
| 8                                             | 2                | 99.1               | 12                | 1254                    | --                      | 491.16                                |
| 9                                             | 3                | 76.3               | 12                | 1765                    | 1703                    | 475                                   |
| 10                                            | 2                | 74.7               | 12                | 1510                    | --                      | 275.44                                |
| 11                                            | 1                | 91.8               | 12                | --                      | --                      | 108                                   |
| 12                                            | 3                | 78                 | 12                | 1049                    | 1889                    | 264.44                                |
| 13                                            | 2                | 56.7               | 12                | 1249                    | --                      | 224.56                                |
| 14                                            | 2                | 78.3               | 12                | 1730                    | --                      | 164.37                                |
| 15                                            | 2                | 80.3               | 12                | 1064                    | --                      | 105.5                                 |
| 16                                            | 2                | 95.9               | 12                | 1232                    | --                      | 642.7                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 21                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 78.3               | 14                | 1107                    | --                      | 328.895                               |
| 2                                             | 2                | 90.5               | 14                | 1373                    | --                      | 193.381                               |
| 3                                             | 2                | 52.1               | 14                | 1732                    | --                      | 90.162                                |
| 4                                             | 2                | 83.4               | 14                | 1217                    | --                      | 576.633                               |
| 5                                             | 2                | 99.9               | 14                | 1450                    | --                      | 434.734                               |
| 6                                             | 3                | 80.9               | 14                | 1048                    | 1373                    | 344.525                               |
| 7                                             | 2                | 96.3               | 14                | 1883                    | --                      | 6.815                                 |
| 8                                             | 1                | 58.1               | 14                | --                      | --                      | 927.796                               |
| 9                                             | 1                | 71.2               | 14                | --                      | --                      | 210.757                               |
| 10                                            | 1                | 66.5               | 14                | --                      | --                      | 480.218                               |
| 11                                            | 3                | 94.5               | 14                | 1844                    | 1097                    | 523.709                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 22                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 82                 | 9                 | --                      | --                      | 172.917                               |
| 2                                             | 1                | 59.3               | 9                 | --                      | --                      | 608.461                               |
| 3                                             | 2                | 89.6               | 9                 | 1905                    | --                      | 424.392                               |
| 4                                             | 1                | 53.5               | 9                 | --                      | --                      | 180.013                               |
| 5                                             | 2                | 68.9               | 9                 | 1503                    | --                      | 348.334                               |
| 6                                             | 2                | 97.5               | 9                 | 1399                    | --                      | 582.715                               |
| 7                                             | 1                | 65.1               | 9                 | --                      | --                      | 909.895                               |
| 8                                             | 2                | 63.7               | 9                 | 1299                    | --                      | 873.616                               |
| 9                                             | 2                | 57.5               | 9                 | 1730                    | --                      | 417.387                               |
| 10                                            | 3                | 76.2               | 9                 | 1237                    | 1939                    | 647.018                               |
| 11                                            | 2                | 83.3               | 9                 | 1928                    | --                      | 781.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 23                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 15                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 57.1               | 14                | --                      | --                      | 65.901                                |
| 2                                             | 1                | 86.7               | 14                | --                      | --                      | 334.79                                |
| 3                                             | 3                | 91.2               | 14                | 1464                    | 1074                    | 722.8                                 |
| 4                                             | 2                | 62.7               | 14                | 1790                    | --                      | 317.33                                |
| 5                                             | 3                | 80.8               | 14                | 1118                    | 1285                    | 129.98                                |
| 6                                             | 2                | 84.3               | 14                | 1360                    | --                      | 249.47                                |
| 7                                             | 2                | 64.6               | 14                | 1038                    | --                      | 25.27                                 |
| 8                                             | 2                | 79.1               | 14                | 1527                    | --                      | 756.97                                |
| 9                                             | 1                | 86.8               | 14                | --                      | --                      | 409.03                                |
| 10                                            | 2                | 78.2               | 14                | 1256                    | --                      | 668.58                                |
| 11                                            | 3                | 50.4               | 14                | 1968                    | 1182                    | 306.55                                |
| 12                                            | 2                | 55.9               | 14                | 1089                    | --                      | 309.2                                 |
| 13                                            | 2                | 67.9               | 14                | 1084                    | --                      | 236.1                                 |
| 14                                            | 3                | 85                 | 14                | 1065                    | 1119                    | 168.6                                 |
| 15                                            | 2                | 78.1               | 14                | 1259                    | --                      | 728.3                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 24                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 2                | 64.7               | 6                 | 1189                    | --                      | 620.783                               |
| 2                                             | 3                | 54.8               | 6                 | 1622                    | 1448                    | 256.86                                |
| 3                                             | 2                | 75.1               | 6                 | 1284                    | --                      | 23.87                                 |
| 4                                             | 1                | 71                 | 6                 | --                      | --                      | 303.19                                |
| 5                                             | 3                | 88.2               | 6                 | 1851                    | 1581                    | 385.32                                |
| 6                                             | 1                | 75.6               | 6                 | --                      | --                      | 597.77                                |
| 7                                             | 2                | 75.6               | 6                 | 1269                    | --                      | 435.6                                 |
| 8                                             | 1                | 82.6               | 6                 | --                      | --                      | 360.56                                |
| 9                                             | 2                | 96.8               | 6                 | 1761                    | --                      | 77.78                                 |
| 10                                            | 2                | 58.1               | 6                 | 1040                    | --                      | 173.34                                |
| 11                                            | 2                | 59.3               | 6                 | 1366                    | --                      | 737.85                                |
| 12                                            | 3                | 98.3               | 6                 | 1913                    | 1459                    | 603.56                                |
| 13                                            | 3                | 80.2               | 6                 | 1438                    | 1558                    | 374.67                                |
| 14                                            | 3                | 78.3               | 6                 | 1477                    | 1776                    | 335.3                                 |
| 15                                            | 3                | 82.7               | 6                 | 1555                    | 1484                    | 146.8                                 |
| 16                                            | 3                | 56.2               | 6                 | 1229                    | 1598                    | 79.4                                  |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 25                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 16                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 54.5               | 7                 | 1015                    | 1238                    | 429.994                               |
| 2                                             | 1                | 80.7               | 7                 | --                      | --                      | 679.08                                |
| 3                                             | 3                | 70                 | 7                 | 1156                    | 1260                    | 249.98                                |
| 4                                             | 1                | 56.2               | 7                 | --                      | --                      | 719.15                                |
| 5                                             | 1                | 61.1               | 7                 | --                      | --                      | 527.59                                |
| 6                                             | 2                | 78.2               | 7                 | 1561                    | --                      | 92.59                                 |
| 7                                             | 3                | 88.1               | 7                 | 1583                    | 1525                    | 437.61                                |
| 8                                             | 2                | 57                 | 7                 | 1883                    | --                      | 39.85                                 |
| 9                                             | 1                | 84                 | 7                 | --                      | --                      | 411.41                                |
| 10                                            | 3                | 86                 | 7                 | 1306                    | 1025                    | 189.06                                |
| 11                                            | 1                | 77.4               | 7                 | --                      | --                      | 606.17                                |
| 12                                            | 1                | 93.7               | 7                 | --                      | --                      | 431.02                                |
| 13                                            | 2                | 54.8               | 7                 | 1904                    | --                      | 159.91                                |
| 14                                            | 2                | 74.2               | 7                 | 1678                    | --                      | 147.02                                |
| 15                                            | 2                | 93.7               | 7                 | 1653                    | --                      | 56.4                                  |
| 16                                            | 2                | 86.6               | 7                 | 1395                    | --                      | 355.2                                 |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | N                                     |

| Trial Number                                  |                  |                    | 26                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 1                | 64.4               | 18                | --                      | --                      | 308.658                               |
| 2                                             | 2                | 90.1               | 18                | 1488                    | --                      | 373.081                               |
| 3                                             | 2                | 86.6               | 18                | 1562                    | --                      | 547.442                               |
| 4                                             | 2                | 98.4               | 18                | 1568                    | --                      | 139.593                               |
| 5                                             | 2                | 50.6               | 18                | 1465                    | --                      | 463.894                               |
| 6                                             | 3                | 66.6               | 18                | 1313                    | 1964                    | 83.195                                |
| 7                                             | 2                | 69.7               | 18                | 1977                    | --                      | 136.706                               |
| 8                                             | 3                | 51                 | 18                | 1127                    | 1391                    | 393.717                               |
| 9                                             | 2                | 57.6               | 18                | 1806                    | --                      | 0.548                                 |
| 10                                            | 2                | 94.8               | 18                | 1198                    | --                      | 469.749                               |
| 11                                            | 2                | 87                 | 18                | 1561                    | --                      | 301.451                               |
| 12                                            | 2                | 92.4               | 18                | 1357                    | --                      | 62.642                                |
| 13                                            | 2                | 78.6               | 18                | 1422                    | --                      | 573.103                               |
| 14                                            | 2                | 85.5               | 18                | 1778                    | --                      | 33.424                                |
| 15                                            | 3                | 94.5               | 18                | 1220                    | 1042                    | 392.475                               |
| 16                                            | 2                | 57                 | 18                | 1894                    | --                      | 168.156                               |
| 17                                            | 3                | 70                 | 18                | 1275                    | 1186                    | 160.537                               |
| 18                                            | 2                | 92.5               | 18                | 1694                    | --                      | 458.758                               |
| 19                                            | 3                | 89.3               | 18                | 1325                    | 1258                    | 311.379                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 27                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 64                 | 16                | 1368                    | 1167                    | 476.207                               |
| 2                                             | 2                | 62.1               | 16                | 1444                    | --                      | 524.961                               |
| 3                                             | 1                | 86.2               | 16                | --                      | --                      | 337.732                               |
| 4                                             | 2                | 58.5               | 16                | 1064                    | --                      | 8.483                                 |
| 5                                             | 3                | 89.1               | 16                | 1071                    | 1544                    | 985.664                               |
| 6                                             | 2                | 71.8               | 16                | 1683                    | --                      | 770.295                               |
| 7                                             | 2                | 64.2               | 16                | 1878                    | --                      | 33.785                                |
| 8                                             | 1                | 85.4               | 16                | --                      | --                      | 440.826                               |
| 9                                             | 2                | 91.8               | 16                | 1552                    | --                      | 1052.437                              |
| 10                                            | 2                | 77.3               | 16                | 1498                    | --                      | 467.118                               |
| 11                                            | 2                | 77.9               | 16                | 1991                    | --                      | 436.609                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 28                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 19                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 76.4               | 17                | 1347                    | 1144                    | 51.36                                 |
| 2                                             | 3                | 52.4               | 17                | 1992                    | 1827                    | 562.281                               |
| 3                                             | 3                | 85.4               | 17                | 1786                    | 1251                    | 43.492                                |
| 4                                             | 2                | 54.2               | 17                | 1282                    | --                      | 130.973                               |
| 5                                             | 3                | 83.6               | 17                | 1299                    | 1137                    | 613.204                               |
| 6                                             | 2                | 96.3               | 17                | 1921                    | --                      | 136.395                               |
| 7                                             | 2                | 92                 | 17                | 1825                    | --                      | 343.526                               |
| 8                                             | 2                | 80.6               | 17                | 1159                    | --                      | 428.897                               |
| 9                                             | 1                | 67.8               | 17                | --                      | --                      | 398.418                               |
| 10                                            | 2                | 58.3               | 17                | 1413                    | --                      | 208.519                               |
| 11                                            | 1                | 81.9               | 17                | --                      | --                      | 618.001                               |
| 12                                            | 2                | 55.6               | 17                | 1845                    | --                      | 299.562                               |
| 13                                            | 2                | 52.5               | 17                | 1827                    | --                      | 284.473                               |
| 14                                            | 2                | 99.8               | 17                | 1290                    | --                      | 560.544                               |
| 15                                            | 2                | 56.5               | 17                | 1607                    | --                      | 396.155                               |
| 16                                            | 1                | 70.8               | 17                | --                      | --                      | 506.436                               |
| 17                                            | 2                | 80                 | 17                | 1582                    | --                      | 560.837                               |
| 18                                            | 2                | 50                 | 17                | 1957                    | --                      | 334.158                               |
| 19                                            | 1                | 86.5               | 17                | --                      | --                      | 129.179                               |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

| Trial Number                                  |                  |                    | 29                |                         |                         |                                       |
|-----------------------------------------------|------------------|--------------------|-------------------|-------------------------|-------------------------|---------------------------------------|
| Bursts in Trial                               |                  |                    | 11                |                         |                         |                                       |
| Center Frequency (MHz)                        |                  |                    | 5610              |                         |                         |                                       |
| Burst                                         | Number of Pulses | Pulse Width (μsec) | Chirp Width (MHz) | Pulse 1-to-2 PRI (μsec) | Pulse 2-to-3 PRI (μsec) | Start Location Within Interval (msec) |
| 1                                             | 3                | 72.5               | 16                | 1326                    | 1085                    | 418.338                               |
| 2                                             | 3                | 53.2               | 16                | 1255                    | 1936                    | 774.251                               |
| 3                                             | 2                | 80.8               | 16                | 1517                    | --                      | 84.442                                |
| 4                                             | 3                | 52.8               | 16                | 1186                    | 1080                    | 587.603                               |
| 5                                             | 3                | 88.6               | 16                | 1232                    | 1276                    | 343.594                               |
| 6                                             | 2                | 57.3               | 16                | 1273                    | --                      | 151.485                               |
| 7                                             | 2                | 76.7               | 16                | 1543                    | --                      | 524.595                               |
| 8                                             | 2                | 78.2               | 16                | 1355                    | --                      | 1037.786                              |
| 9                                             | 3                | 63.2               | 16                | 1638                    | 1805                    | 377.997                               |
| 10                                            | 3                | 65.6               | 16                | 1036                    | 1727                    | 298.618                               |
| 11                                            | 1                | 97.1               | 16                | --                      | --                      | 86.409                                |
| Detection Check (Y=Detection; N=No Detection) |                  |                    |                   |                         |                         | Y                                     |

**5610MHz, Radar 6**

| Trial Id             | Radar Type | Pulse Width(μs) | PRI (μs) | Pulses Per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Visible Frequency Number | conclusion |
|----------------------|------------|-----------------|----------|----------------|--------------------|------------------------------|--------------------------|------------|
| 0                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 1                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 2                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 28                       | Y          |
| 3                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 4                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 5                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 6                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 7                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 8                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 9                    | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 10                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 11                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 12                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 13                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 34                       | Y          |
| 14                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 15                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 39                       | Y          |
| 16                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 17                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 36                       | Y          |
| 18                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 19                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 20                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 21                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 38                       | Y          |
| 22                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 40                       | Y          |
| 23                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| 24                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 31                       | Y          |
| 25                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 33                       | Y          |
| 26                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 29                       | Y          |
| 27                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 35                       | Y          |
| 28                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 32                       | Y          |
| 29                   | 6          | 1.0             | 333.3    | 9              | 0.3333             | 300.00                       | 37                       | Y          |
| Detection rate: 100% |            |                 |          |                |                    |                              |                          |            |

## 6. Main Test Instruments

| Name                    | Manufacturer  | Type              | Serial Number | Calibration Date | Expiration Date |
|-------------------------|---------------|-------------------|---------------|------------------|-----------------|
| Vector Signal Generator | KEYSIGHT      | N5172B            | MY53050900    | 2023-12-05       | 2024-12-04      |
| Spectrum Analyzer       | Agilent       | N9010A            | MY50210259    | 2023-12-05       | 2024-12-04      |
| Wireless LAN            | intel         | Ax210             | 7C50793E9B12  | /                | /               |
| Splitter                | UCL Microwave | UCL-PD051<br>2-2S | 190411001     | /                | /               |
| Splitter                | UCL Microwave | UCL-PD051<br>2-2S | 190411002     | /                | /               |
| RF Cable                | Agilent       | SMA 15cm          | 0001          | /                | /               |
| RF Cable                | Agilent       | SMA 15cm          | 0002          | /                | /               |
| RF Cable                | Agilent       | SMA 15cm          | 0003          | /                | /               |
| RF Cable                | Agilent       | SMA 15cm          | 0004          | /                | /               |

## ANNEX A: The EUT Appearance

The EUT Appearance is submitted separately.

## ANNEX B: Test Setup Photos

The Test Setup Photos is submitted separately.

\*\*\*\*\* END OF REPORT \*\*\*\*\*