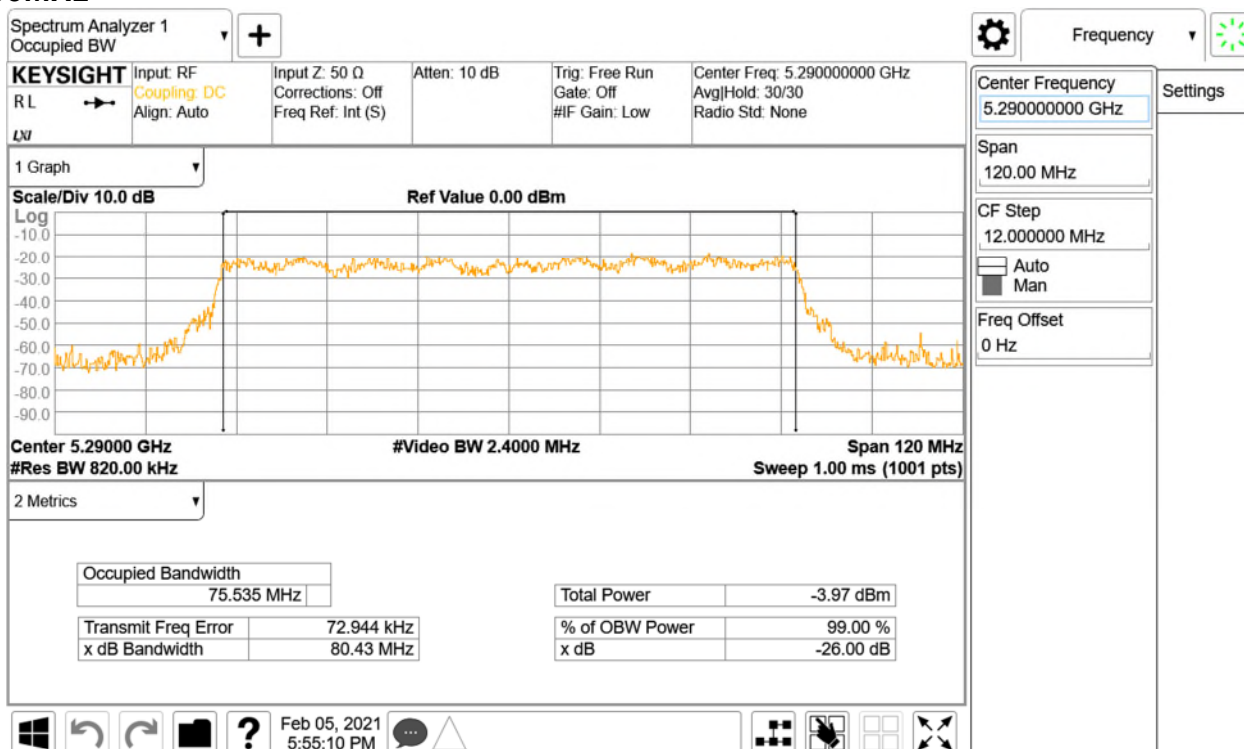
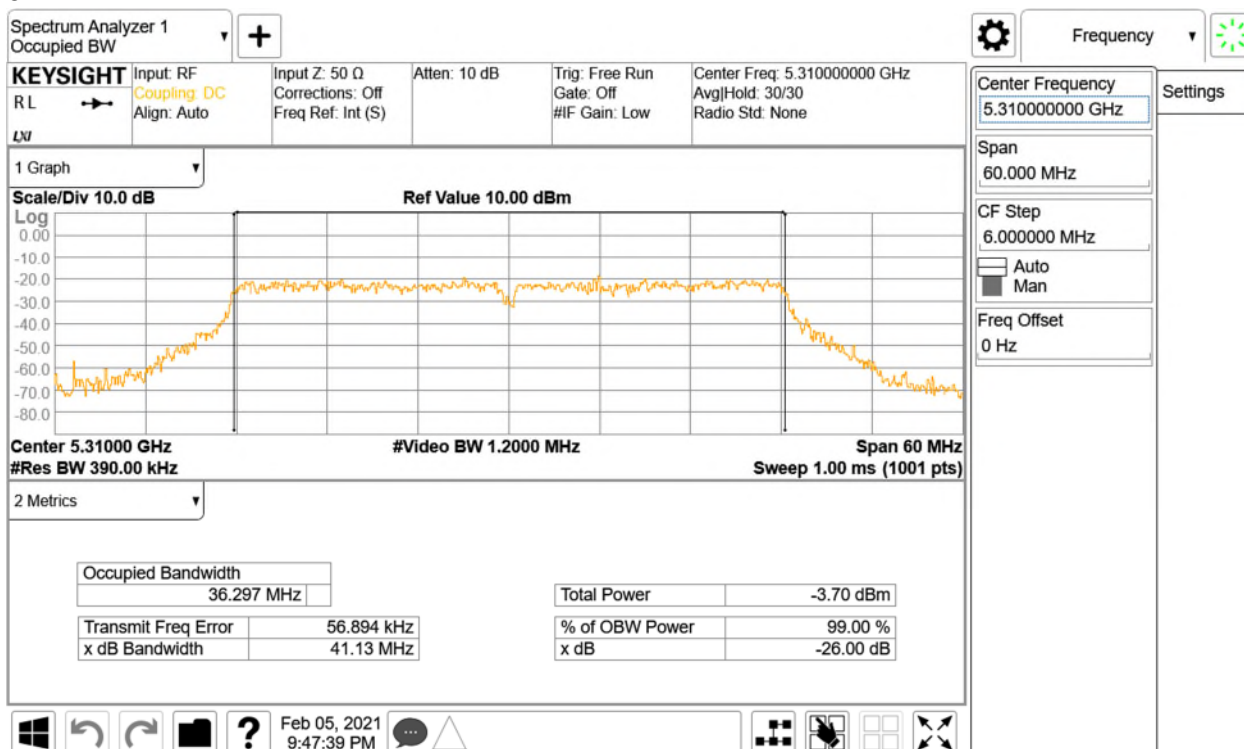


## 4.5 UNII Detection Bandwidth Measurement

## 5290MHz



## 5310MHz

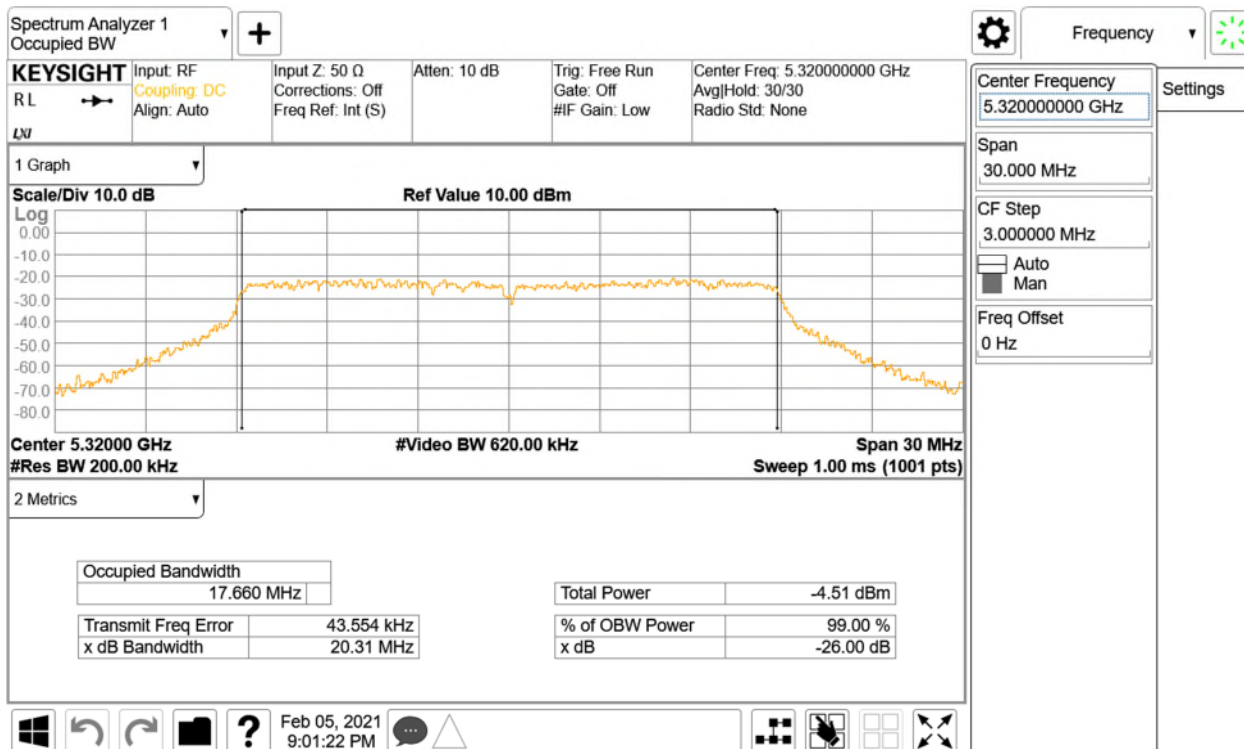


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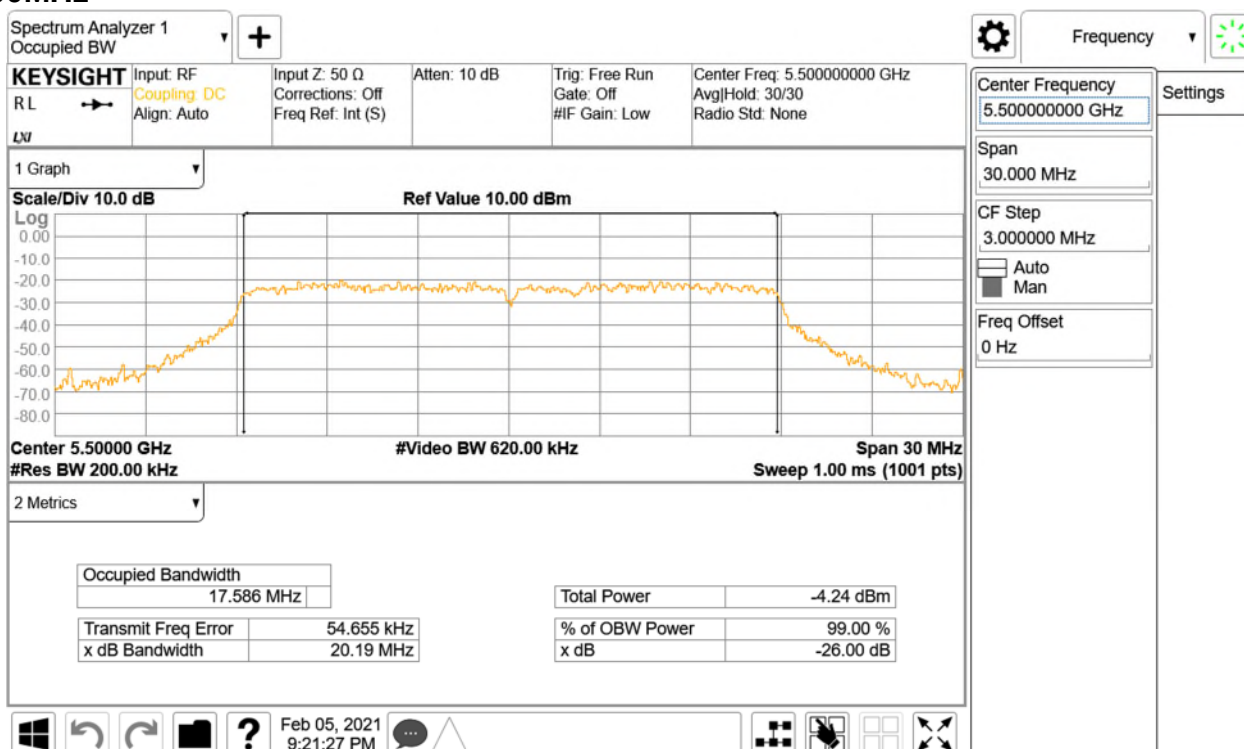
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## 5320MHz



## 5500MHz

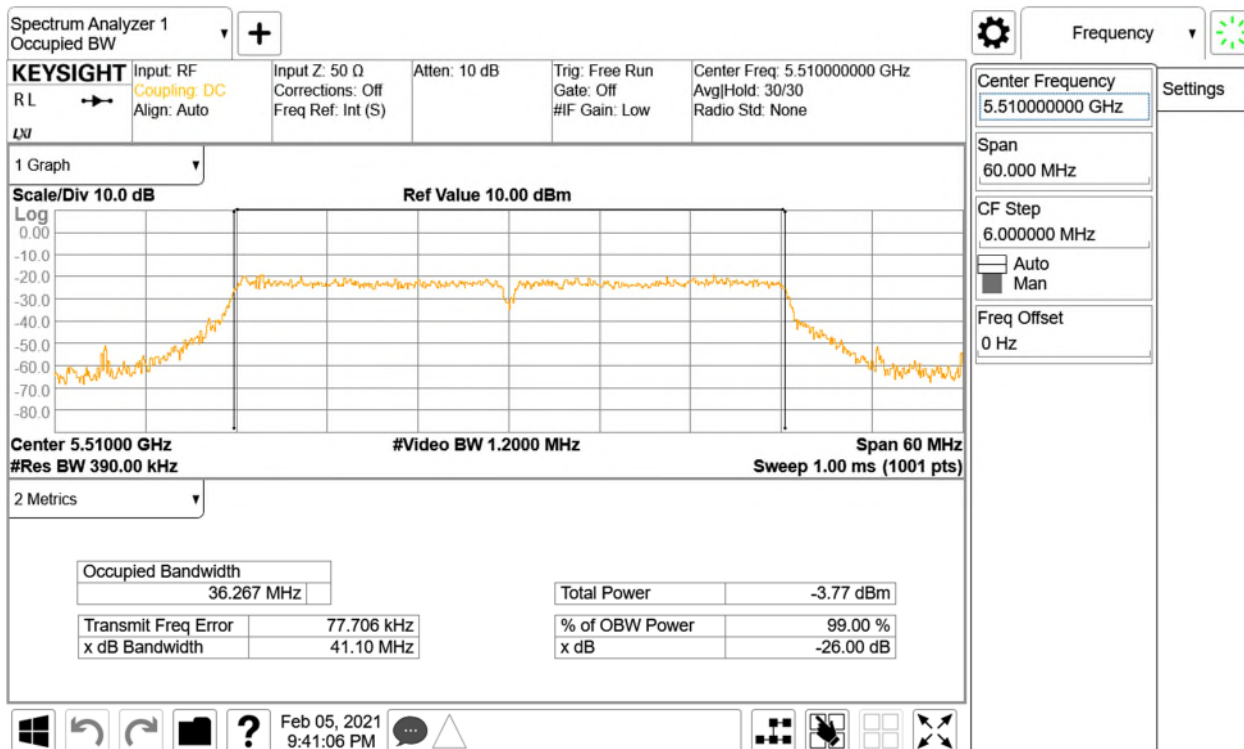


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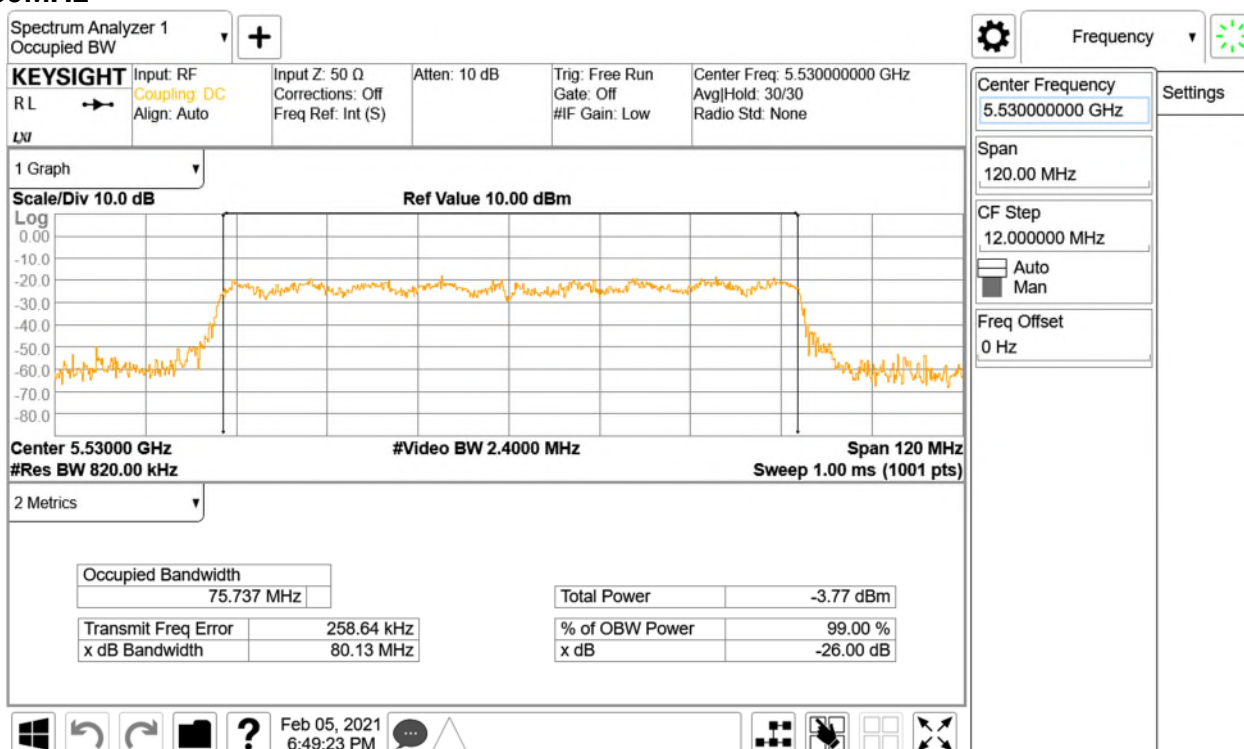
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## 5510MHz



## 5530MHz



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## 5290MHz

|                                   |                                                     |        |                        |     |      |     |      |        |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|------------------------|-----|------|-----|------|--------|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5290   | EUT 99% Bandwidth(MHz) |     |      |     | :    | 75.535 |   |    |                       |
| Radar Type                        | :                                                   | Type 0 | Detction BW(MHz)       |     |      |     | :    | 80     |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※                      | FH: | 5330 | FL: | 5250 |        |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |                        |     |      |     |      |        |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3                      | 4   | 5    | 6   | 7    | 8      | 9 | 10 |                       |
| 5250                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5255                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5260                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5265                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5270                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5275                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5280                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5285                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5290                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5295                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5300                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5305                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5310                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5315                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5320                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5325                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5330                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |

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## 5310MHz

|                                   |                                                     |        |   |     |                        |     |        |   |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|---|-----|------------------------|-----|--------|---|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5310   |   |     | EUT 99% Bandwidth(MHz) | :   | 36.297 |   |   |    |                       |
| Radar Type                        | :                                                   | Type 0 |   |     | Detction BW(MHz)       | :   | 40     |   |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※ | FH: | 5330                   | FL: | 5290   |   |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |   |     |                        |     |        |   |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3 | 4   | 5                      | 6   | 7      | 8 | 9 | 10 |                       |
| 5290                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5295                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5300                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5305                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5310                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5315                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5320                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5325                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5330                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |

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## 5320MHz

|                                   |                                                     |        |                        |     |      |     |      |        |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|------------------------|-----|------|-----|------|--------|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5320   | EUT 99% Bandwidth(MHz) |     |      |     | :    | 17.660 |   |    |                       |
| Radar Type                        | :                                                   | Type 0 | Detction BW(MHz)       |     |      |     | :    | 20     |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※                      | FH: | 5330 | FL: | 5310 |        |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |                        |     |      |     |      |        |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3                      | 4   | 5    | 6   | 7    | 8      | 9 | 10 |                       |
| 5310                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5315                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5320                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5325                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |
| 5330                              | 1                                                   | 1      | 1                      | 1   | 1    | 1   | 1    | 1      | 1 | 1  | 100                   |

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## 5500MHz

|                                   |                                                     |        |                        |     |      |          |   |   |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|------------------------|-----|------|----------|---|---|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5500   | EUT 99% Bandwidth(MHz) |     | :    | 17.586   |   |   |   |    |                       |
| Radar Type                        | :                                                   | Type 0 | Detction BW(MHz)       |     | :    | 20       |   |   |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※                      | FH: | 5510 | FL: 5490 |   |   |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |                        |     |      |          |   |   |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3                      | 4   | 5    | 6        | 7 | 8 | 9 | 10 |                       |
| 5490                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5495                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5500                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5505                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5510                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |

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## 5510MHz

|                                   |                                                     |        |   |     |                        |     |        |   |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|---|-----|------------------------|-----|--------|---|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5510   |   |     | EUT 99% Bandwidth(MHz) | :   | 36.267 |   |   |    |                       |
| Radar Type                        | :                                                   | Type 0 |   |     | Detction BW(MHz)       | :   | 40     |   |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※ | FH: | 5530                   | FL: | 5490   |   |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |   |     |                        |     |        |   |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3 | 4   | 5                      | 6   | 7      | 8 | 9 | 10 |                       |
| 5490                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5495                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5500                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5505                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5510                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5515                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5520                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5525                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |
| 5530                              | 1                                                   | 1      | 1 | 1   | 1                      | 1   | 1      | 1 | 1 | 1  | 100                   |

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## 5530MHz

|                                   |                                                     |        |                        |     |      |          |   |   |   |    |                       |
|-----------------------------------|-----------------------------------------------------|--------|------------------------|-----|------|----------|---|---|---|----|-----------------------|
| EUT operating Fre-<br>quency(MHz) | :                                                   | 5530   | EUT 99% Bandwidth(MHz) |     | :    | 75.737   |   |   |   |    |                       |
| Radar Type                        | :                                                   | Type 0 | Detction BW(MHz)       |     | :    | 80       |   |   |   |    |                       |
| Test Result                       | :                                                   | Pass   | ※                      | FH: | 5570 | FL: 5490 |   |   |   |    |                       |
| Radio Frequency<br>(MHz)          | DFS Detection Trials (1=Detection, 0= No Detection) |        |                        |     |      |          |   |   |   |    | Detection Rate<br>(%) |
|                                   | 1                                                   | 2      | 3                      | 4   | 5    | 6        | 7 | 8 | 9 | 10 |                       |
| 5490                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5495                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5500                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5505                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5510                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5515                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5520                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5525                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5530                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5535                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5540                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5545                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5550                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5555                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5560                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5565                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |
| 5570                              | 1                                                   | 1      | 1                      | 1   | 1    | 1        | 1 | 1 | 1 | 1  | 100                   |

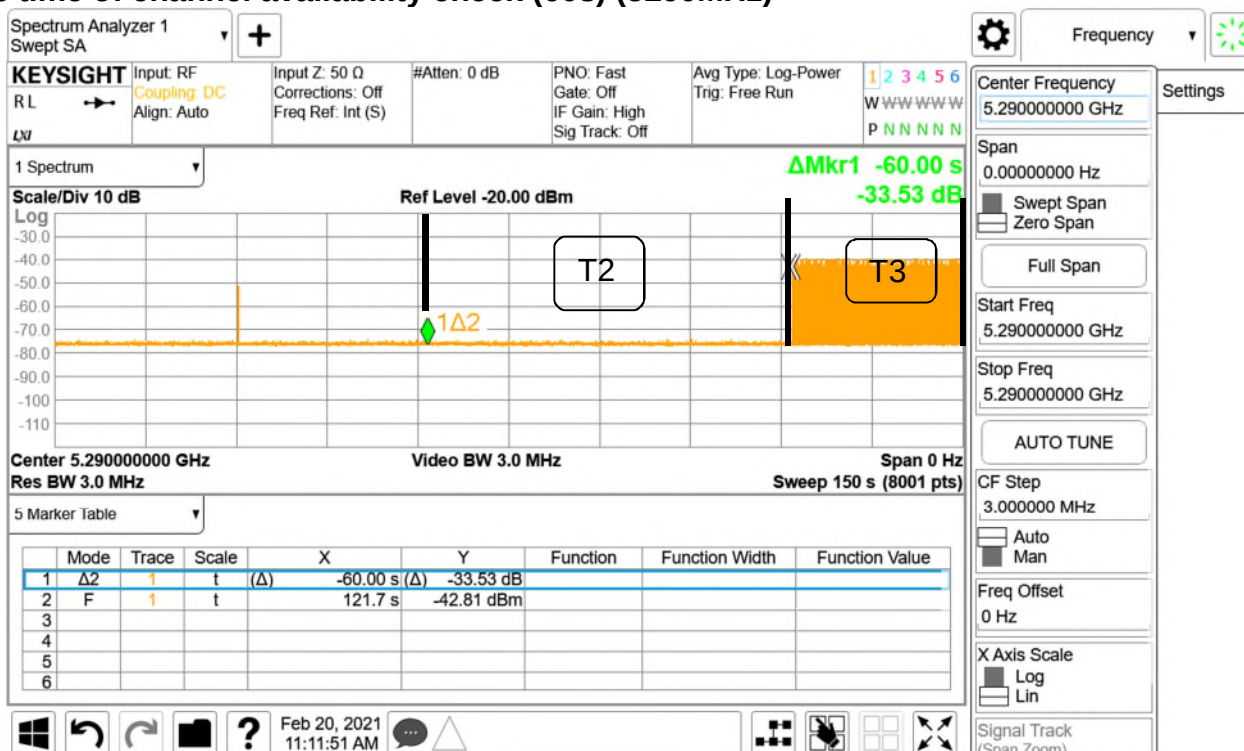
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## 4.6 Channel Availability Check Measurement

### The time of channel availability check (60s) (5290MHz)



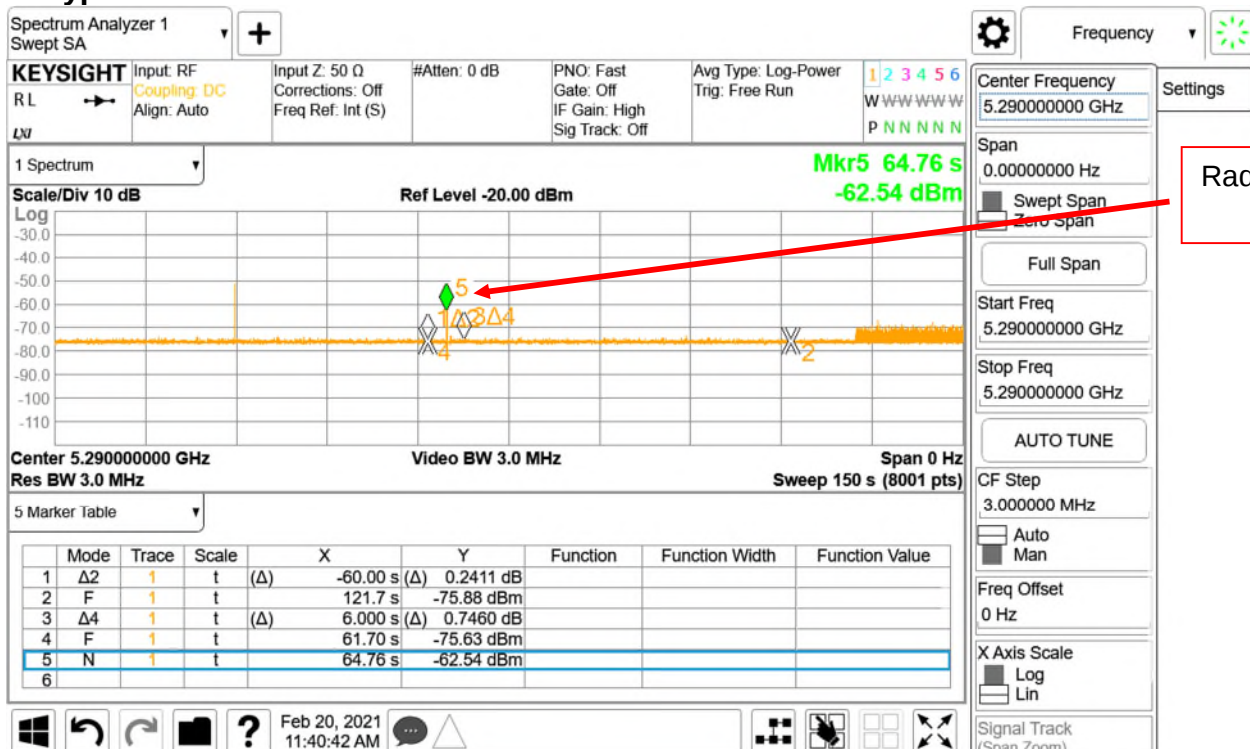
*T2 represents the channel availability time.*

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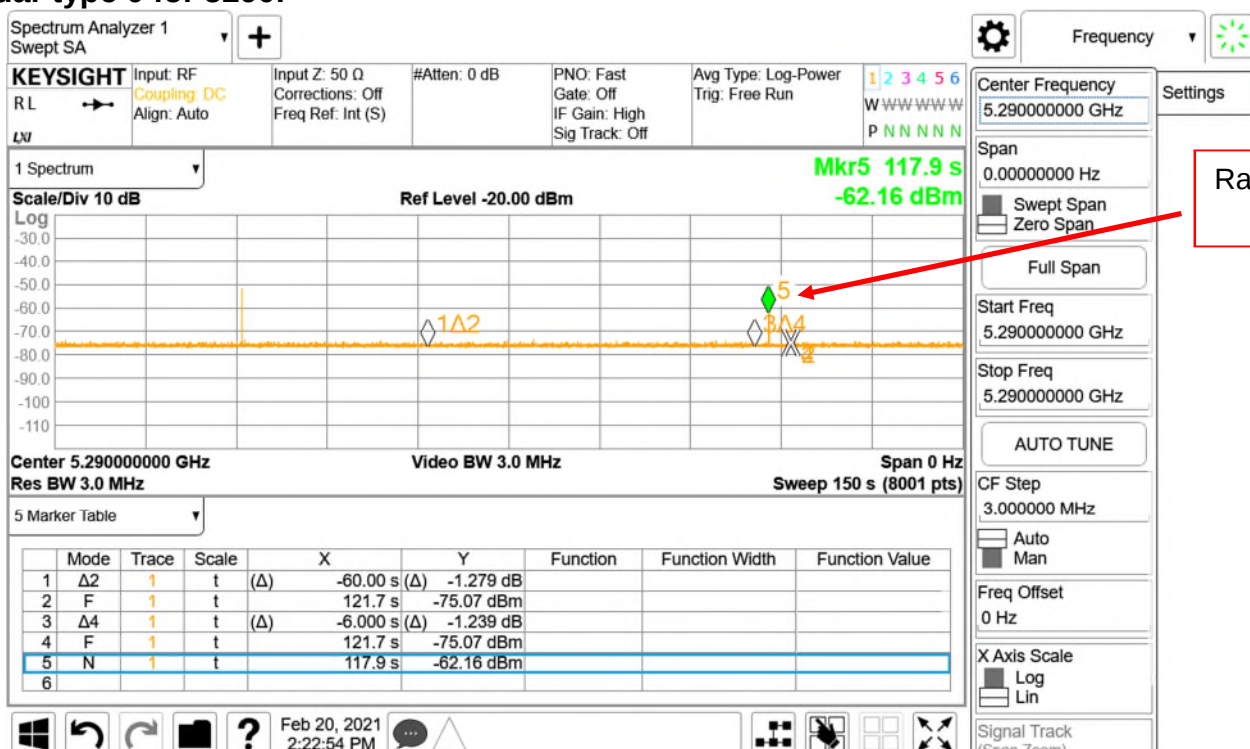
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## Radar type 0 for 5290:



## Radar type 0 for 5290:

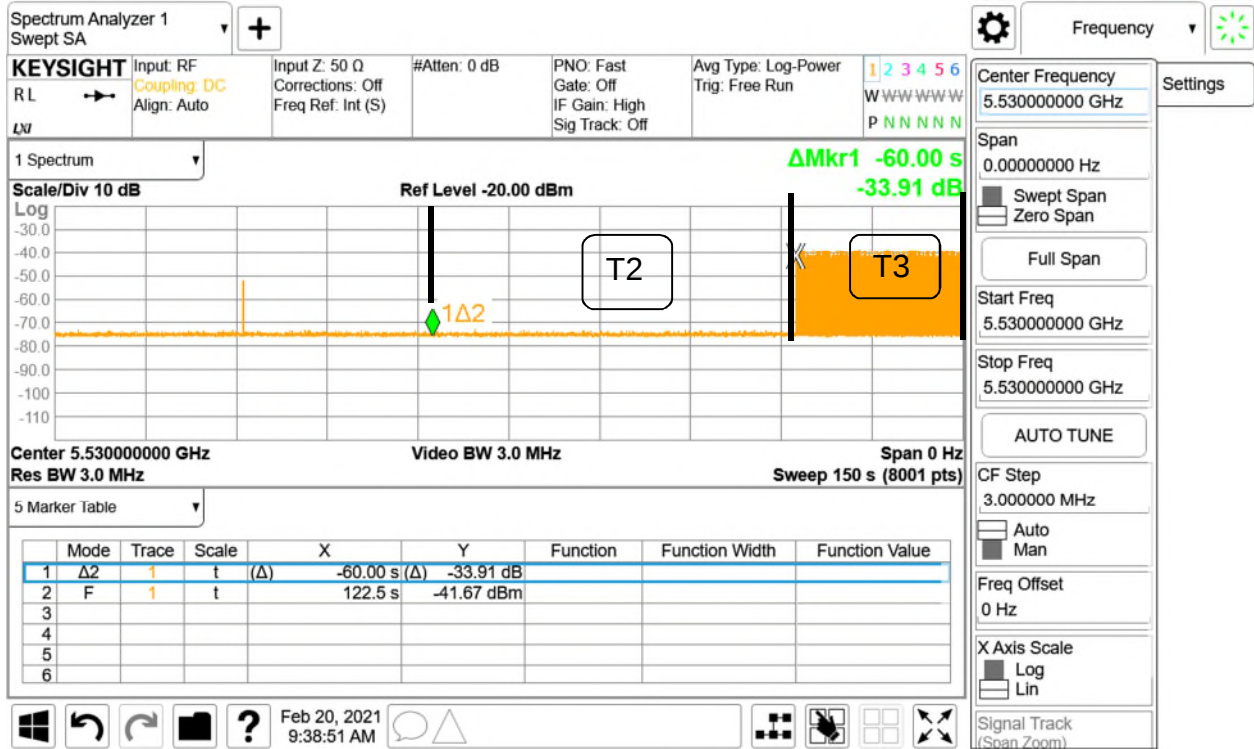


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## The time of channel availability check (60s) (5530MHz)



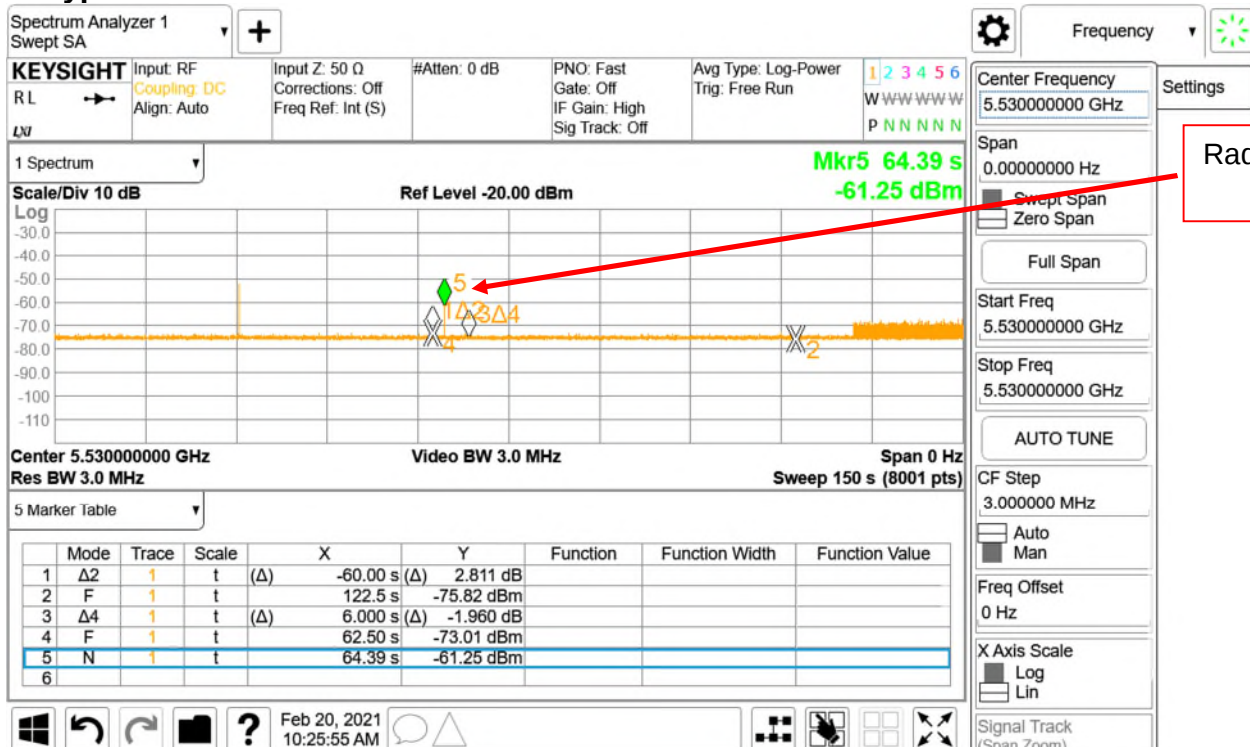
T2 represents the channel availability time.

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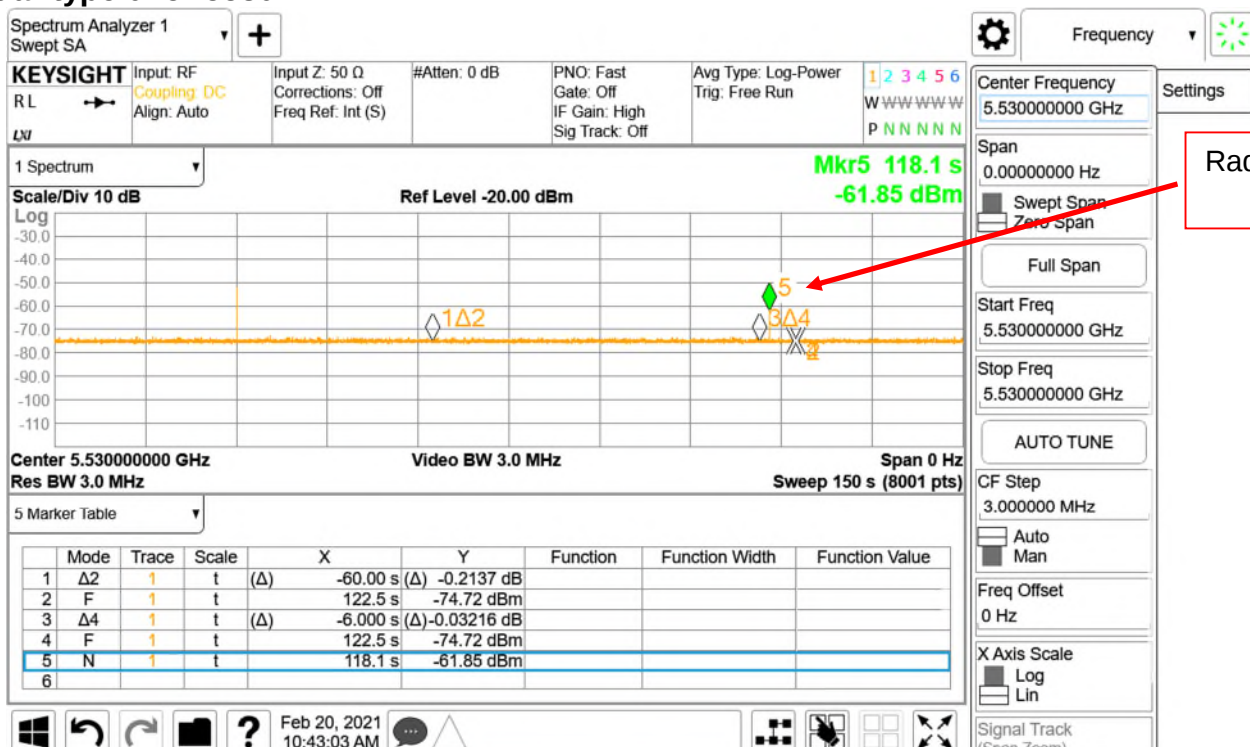
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## Radar type 0 for 5530:



Radar signal

## Radar type 0 for 5530:



Radar signal

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## 4.7 Statistical Performance Check

### 5290MHz:

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|----------------------------------------------|-----------|
| 1                            | 30                       | 100               |                    | 60                                           | Pass      |
| 2                            | 30                       | 100               |                    | 60                                           | Pass      |
| 3                            | 30                       | 93.33             |                    | 60                                           | Pass      |
| 4                            | 30                       | 70                |                    | 60                                           | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 90.8325           |                    | 80                                           | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 90                 | 80                                           | Pass      |
|                              | Low Edge:10              | 100               |                    |                                              |           |
|                              | High Edge:10             | 70                |                    |                                              |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 96.66666667       |                    | 70                                           | Pass      |

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# Radar Type 1 for 5290 MHz:

| Data Sheet for FCC Radar Type 1 |                     |                            |                            |        |          |                      |
|---------------------------------|---------------------|----------------------------|----------------------------|--------|----------|----------------------|
| Trial                           | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI    | Test A/B | Successful Detection |
|                                 |                     | Number (1 to 23)           | (Pulses Per Second)        | (msec) | A/B      | (Yes/No)             |
| 1                               | 5290                | 14                         | 1285.3                     | 778    | A        | Yes                  |
| 2                               | 5290                | 8                          | 1519.8                     | 658    | A        | Yes                  |
| 3                               | 5290                | 7                          | 1567.4                     | 638    | A        | Yes                  |
| 4                               | 5290                | 10                         | 1432.7                     | 698    | A        | Yes                  |
| 5                               | 5290                | 4                          | 1730.1                     | 578    | A        | Yes                  |
| 6                               | 5290                | 17                         | 1193.3                     | 838    | A        | Yes                  |
| 7                               | 5290                | 13                         | 1319.3                     | 758    | A        | Yes                  |
| 8                               | 5290                | 11                         | 1392.8                     | 718    | A        | Yes                  |
| 9                               | 5290                | 3                          | 1792.1                     | 558    | A        | Yes                  |
| 10                              | 5290                | 21                         | 1089.3                     | 918    | A        | Yes                  |
| 11                              | 5290                | 23                         | 326.2                      | 3066   | A        | Yes                  |
| 12                              | 5290                | 2                          | 1858.7                     | 538    | A        | Yes                  |
| 13                              | 5290                | 20                         | 1113.6                     | 898    | A        | Yes                  |
| 14                              | 5290                | 9                          | 1474.9                     | 678    | A        | Yes                  |
| 15                              | 5290                | 16                         | 1222.5                     | 818    | A        | Yes                  |
| 16                              | 5290                | -                          | 1092.9                     | 915    | B        | Yes                  |
| 17                              | 5290                | -                          | 444.8                      | 2248   | B        | Yes                  |
| 18                              | 5290                | -                          | 569.8                      | 1755   | B        | Yes                  |
| 19                              | 5290                | -                          | 630.5                      | 1586   | B        | Yes                  |
| 20                              | 5290                | -                          | 531.9                      | 1880   | B        | Yes                  |
| 21                              | 5290                | -                          | 615.8                      | 1624   | B        | Yes                  |
| 22                              | 5290                | -                          | 1248.4                     | 801    | B        | Yes                  |
| 23                              | 5290                | -                          | 984.3                      | 1016   | B        | Yes                  |
| 24                              | 5290                | -                          | 742.4                      | 1347   | B        | Yes                  |
| 25                              | 5290                | -                          | 375                        | 2667   | B        | Yes                  |
| 26                              | 5290                | -                          | 585.5                      | 1708   | B        | Yes                  |
| 27                              | 5290                | -                          | 918.3                      | 1089   | B        | Yes                  |
| 28                              | 5290                | -                          | 1293.7                     | 773    | B        | Yes                  |
| 29                              | 5290                | -                          | 453.9                      | 2203   | B        | Yes                  |
| 30                              | 5290                | -                          | 425.9                      | 2348   | B        | Yes                  |

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# Radar Type 2 for 5290 MHz:

| Data Sheet for FCC Radar Type 2 |                     |                                 |                   |               |                      |
|---------------------------------|---------------------|---------------------------------|-------------------|---------------|----------------------|
| Trial                           | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|                                 |                     |                                 | ( $\mu s$ )       | ( $\mu s$ )   | (Yes/No)             |
| 1                               | 5290                | 23                              | 1                 | 210           | Yes                  |
| 2                               | 5290                | 28                              | 4                 | 205           | Yes                  |
| 3                               | 5290                | 26                              | 2.8               | 154           | Yes                  |
| 4                               | 5290                | 23                              | 1.3               | 173           | Yes                  |
| 5                               | 5290                | 27                              | 3.8               | 188           | Yes                  |
| 6                               | 5290                | 24                              | 1.8               | 226           | Yes                  |
| 7                               | 5290                | 23                              | 1.1               | 228           | Yes                  |
| 8                               | 5290                | 28                              | 4.2               | 216           | Yes                  |
| 9                               | 5290                | 25                              | 2.7               | 187           | Yes                  |
| 10                              | 5290                | 27                              | 3.7               | 191           | Yes                  |
| 11                              | 5290                | 27                              | 3.3               | 165           | Yes                  |
| 12                              | 5290                | 26                              | 3.1               | 176           | Yes                  |
| 13                              | 5290                | 29                              | 4.7               | 214           | Yes                  |
| 14                              | 5290                | 26                              | 2.9               | 186           | Yes                  |
| 15                              | 5290                | 26                              | 3.1               | 225           | Yes                  |
| 16                              | 5290                | 29                              | 4.9               | 193           | Yes                  |
| 17                              | 5290                | 28                              | 4.1               | 213           | Yes                  |
| 18                              | 5290                | 25                              | 2.4               | 198           | Yes                  |
| 19                              | 5290                | 26                              | 3.2               | 196           | Yes                  |
| 20                              | 5290                | 25                              | 2.3               | 209           | Yes                  |
| 21                              | 5290                | 29                              | 4.8               | 170           | Yes                  |
| 22                              | 5290                | 23                              | 1.4               | 184           | Yes                  |
| 23                              | 5290                | 28                              | 4.1               | 195           | Yes                  |
| 24                              | 5290                | 26                              | 2.8               | 152           | Yes                  |
| 25                              | 5290                | 23                              | 1.2               | 178           | Yes                  |
| 26                              | 5290                | 24                              | 1.6               | 220           | Yes                  |
| 27                              | 5290                | 23                              | 1.3               | 156           | Yes                  |
| 28                              | 5290                | 29                              | 4.6               | 171           | Yes                  |
| 29                              | 5290                | 23                              | 1.3               | 229           | Yes                  |
| 30                              | 5290                | 23                              | 1.2               | 215           | Yes                  |

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### Radar Type 3 for 5290 MHz:

| Data Sheet for FCC Radar Type 3 |                     |                                 |                    |               |                      |
|---------------------------------|---------------------|---------------------------------|--------------------|---------------|----------------------|
| Trial                           | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|                                 |                     |                                 | ( $\mu s$ )        | ( $\mu s$ )   | (Yes/No)             |
| 1                               | 5290                | 16                              | 6                  | 320           | Yes                  |
| 2                               | 5290                | 18                              | 9                  | 375           | Yes                  |
| 3                               | 5290                | 17                              | 7.8                | 411           | Yes                  |
| 4                               | 5290                | 16                              | 6.3                | 279           | Yes                  |
| 5                               | 5290                | 18                              | 8.8                | 431           | Yes                  |
| 6                               | 5290                | 16                              | 6.8                | 422           | Yes                  |
| 7                               | 5290                | 16                              | 6.1                | 287           | Yes                  |
| 8                               | 5290                | 18                              | 9.2                | 444           | Yes                  |
| 9                               | 5290                | 17                              | 7.7                | 476           | No                   |
| 10                              | 5290                | 17                              | 8.7                | 426           | Yes                  |
| 11                              | 5290                | 17                              | 8.3                | 329           | Yes                  |
| 12                              | 5290                | 17                              | 8.1                | 257           | Yes                  |
| 13                              | 5290                | 18                              | 9.7                | 216           | Yes                  |
| 14                              | 5290                | 17                              | 7.9                | 383           | Yes                  |
| 15                              | 5290                | 17                              | 8.1                | 392           | Yes                  |
| 16                              | 5290                | 18                              | 9.9                | 410           | Yes                  |
| 17                              | 5290                | 18                              | 9.1                | 318           | No                   |
| 18                              | 5290                | 17                              | 7.4                | 213           | Yes                  |
| 19                              | 5290                | 17                              | 8.2                | 405           | Yes                  |
| 20                              | 5290                | 16                              | 7.3                | 440           | Yes                  |
| 21                              | 5290                | 18                              | 9.8                | 458           | Yes                  |
| 22                              | 5290                | 16                              | 6.4                | 486           | Yes                  |
| 23                              | 5290                | 18                              | 9.1                | 402           | Yes                  |
| 24                              | 5290                | 17                              | 7.8                | 266           | Yes                  |
| 25                              | 5290                | 16                              | 6.2                | 395           | Yes                  |
| 26                              | 5290                | 16                              | 6.6                | 475           | Yes                  |
| 27                              | 5290                | 16                              | 6.3                | 215           | Yes                  |
| 28                              | 5290                | 18                              | 9.6                | 340           | Yes                  |
| 29                              | 5290                | 16                              | 6.3                | 226           | Yes                  |
| 30                              | 5290                | 16                              | 6.2                | 430           | Yes                  |

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### Radar Type 4 for 5290 MHz:

| Data Sheet for FCC Radar Type 4 |                     |                                 |                     |               |                      |
|---------------------------------|---------------------|---------------------------------|---------------------|---------------|----------------------|
| Trial                           | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|                                 |                     |                                 | ( $\mu s$ )         | ( $\mu s$ )   | (Yes/No)             |
| 1                               | 5290                | 12                              | 11.1                | 320           | Yes                  |
| 2                               | 5290                | 15                              | 17.8                | 375           | Yes                  |
| 3                               | 5290                | 14                              | 15.1                | 411           | Yes                  |
| 4                               | 5290                | 12                              | 11.7                | 279           | Yes                  |
| 5                               | 5290                | 15                              | 17.3                | 431           | Yes                  |
| 6                               | 5290                | 13                              | 12.9                | 422           | Yes                  |
| 7                               | 5290                | 12                              | 11.4                | 287           | Yes                  |
| 8                               | 5290                | 15                              | 18.2                | 444           | Yes                  |
| 9                               | 5290                | 14                              | 14.8                | 476           | Yes                  |
| 10                              | 5290                | 15                              | 17                  | 426           | Yes                  |
| 11                              | 5290                | 14                              | 16.3                | 329           | Yes                  |
| 12                              | 5290                | 14                              | 15.7                | 257           | Yes                  |
| 13                              | 5290                | 16                              | 19.3                | 216           | Yes                  |
| 14                              | 5290                | 14                              | 15.2                | 383           | No                   |
| 15                              | 5290                | 14                              | 15.6                | 392           | No                   |
| 16                              | 5290                | 16                              | 19.8                | 410           | Yes                  |
| 17                              | 5290                | 15                              | 17.9                | 318           | Yes                  |
| 18                              | 5290                | 13                              | 14.3                | 213           | Yes                  |
| 19                              | 5290                | 14                              | 16                  | 405           | No                   |
| 20                              | 5290                | 13                              | 13.9                | 440           | Yes                  |
| 21                              | 5290                | 16                              | 19.5                | 458           | Yes                  |
| 22                              | 5290                | 12                              | 11.9                | 486           | No                   |
| 23                              | 5290                | 15                              | 17.8                | 402           | Yes                  |
| 24                              | 5290                | 14                              | 15.1                | 266           | No                   |
| 25                              | 5290                | 12                              | 11.5                | 395           | No                   |
| 26                              | 5290                | 12                              | 12.3                | 475           | Yes                  |
| 27                              | 5290                | 12                              | 11.6                | 215           | No                   |
| 28                              | 5290                | 16                              | 19                  | 340           | No                   |
| 29                              | 5290                | 12                              | 11.7                | 226           | Yes                  |
| 30                              | 5290                | 12                              | 11.5                | 430           | No                   |

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### Radar Type 5 for 5290 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5290                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 2                       |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                               |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                               |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                               |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                               |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                               |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                               |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                               |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                               |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                               |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                               |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                               |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                               |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                               |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                               |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 3                     | VSG Frequency(MHz):     |                         | 5290                                      |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5290                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 5                       |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                               |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                               |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                               |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                               |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                               |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                               |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                               |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                               |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                               |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                               |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                               |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                               |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                               |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 6                       |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 10                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                               |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                               |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                               |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                               |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                              |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                               |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                               |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                               |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                              |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 7                     | VSG Frequency(MHz):     |                         | 5290                                      |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 8                       |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 18                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                               |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                               |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                               |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                               |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                               |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                               |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                               |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                               |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                               |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                               |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                               |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                               |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                               |

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|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 10                      |                       | VSG Frequency(MHz):     |                         | 5290                                 |
| Number of Bursts in Trial:      |                                        | 16                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 11                    | VSG Frequency(MHz):     |                         | 5257.8325                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 12                    | VSG Frequency(MHz):     |                         | 5257.4325                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 13                    | VSG Frequency(MHz):     |                         | 5259.8325                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                                    |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                                    |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                     |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                                    |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                                    |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                                    |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                     |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                                    |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                                    |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                                    |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                      |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                                    |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                                    |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                                    |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                                    |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                                    |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                                    |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                                    |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 14                    | VSG Frequency(MHz):     |                         | 5257.0325                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5257.4325                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                                    |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                                    |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                     |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                                    |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                                    |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                                    |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                     |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                                    |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                                    |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                                    |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                      |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                                    |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                                    |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 16                    | VSG Frequency(MHz):     |                         | 5260.2325                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                                    |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                                    |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                                    |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                                    |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                                    |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                                    |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                                    |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                                    |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                                    |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                     |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                                    |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                                    |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                                    |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                     |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                                    |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                                    |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                                    |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                     |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                                    |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5259.0325                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                                    |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                     |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                                    |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                                    |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                                    |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                     |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                                    |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                                    |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                                    |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                      |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                                    |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                                    |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                                    |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                                    |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                                    |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                                    |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 18                    | VSG Frequency(MHz):     |                         | 5256.2325                                 |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                                    |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                                    |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                                    |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                                    |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                                    |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                                    |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                                    |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                                    |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                                    |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                                    |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                                    |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 19                    | VSG Frequency(MHz):     |                         | 5257.4325                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                                    |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                     |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                                    |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                                    |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                                    |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                     |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                                    |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                                    |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                                    |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                     |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                                    |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                                    |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                                    |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                     |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 20                    | VSG Frequency(MHz):     |                         | 5256.2325                                 |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                                    |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                                    |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                                    |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                                    |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                                    |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                                    |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                                    |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                                    |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                                    |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                                    |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                                    |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 21                    | VSG Frequency(MHz):     |                         | 5319.7675                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 22                      |                       | VSG Frequency(MHz):     |                         | 5325.3675                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 23                    | VSG Frequency(MHz):     |                         | 5320.9675                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                                    |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                                    |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                                    |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                                    |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                                    |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                                    |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                                    |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                     |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                                    |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                                    |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                                    |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                     |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                                    |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                                    |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                                    |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                     |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 24                    | VSG Frequency(MHz):     |                         | 5322.9675                                 |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                                    |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                                    |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                     |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                                    |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                                    |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                                    |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                     |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                                    |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                                    |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                                    |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                                    |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                                    |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5325.7675                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 26                    | VSG Frequency(MHz):     |                         | 5324.9675                                 |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 27                      |                       | VSG Frequency(MHz):     |                         | 5325.3675                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 28                    | VSG Frequency(MHz):     |                         | 5320.1675                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                                    |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                     |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                                    |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                                    |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                                    |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                                    |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                                    |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                                    |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                                    |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                                    |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                                    |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                                    |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                                    |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                                    |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                                    |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                                    |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                                    |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                                    |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5325.3675                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5325.7675                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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### Radar Type 6 for 5290 MHz:

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |

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## Statistical Performance Check 5310MHz:

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|---------------------------------------------|-----------|
| 1                            | 30                       | 96.67             |                    | 60                                          | Pass      |
| 2                            | 30                       | 100               |                    | 60                                          | Pass      |
| 3                            | 30                       | 96.67             |                    | 60                                          | Pass      |
| 4                            | 30                       | 86.67             |                    | 60                                          | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 95.0025           |                    | 80                                          | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 100                | 80                                          | Pass      |
|                              | Low Edge:10              | 100               |                    |                                             |           |
|                              | High Edge:10             | 100               |                    |                                             |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 100               |                    | 70                                          | Pass      |

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## Radar Type 1 for 5310 MHz:

Data Sheet for FCC Radar Type 1

| Trial | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI (msec) | Test A/B | Successful Detection |
|-------|---------------------|----------------------------|----------------------------|------------|----------|----------------------|
|       |                     | Number (1 to 23)           | (Pulses Per Second)        |            |          |                      |
| 1     | 5310                | 14                         | 1285.3                     | 778        | A        | Yes                  |
| 2     | 5310                | 8                          | 1519.8                     | 658        | A        | Yes                  |
| 3     | 5310                | 7                          | 1567.4                     | 638        | A        | Yes                  |
| 4     | 5310                | 10                         | 1432.7                     | 698        | A        | Yes                  |
| 5     | 5310                | 4                          | 1730.1                     | 578        | A        | Yes                  |
| 6     | 5310                | 17                         | 1193.3                     | 838        | A        | Yes                  |
| 7     | 5310                | 13                         | 1319.3                     | 758        | A        | Yes                  |
| 8     | 5310                | 11                         | 1392.8                     | 718        | A        | Yes                  |
| 9     | 5310                | 3                          | 1792.1                     | 558        | A        | Yes                  |
| 10    | 5310                | 21                         | 1089.3                     | 918        | A        | Yes                  |
| 11    | 5310                | 23                         | 326.2                      | 3066       | A        | Yes                  |
| 12    | 5310                | 2                          | 1858.7                     | 538        | A        | Yes                  |
| 13    | 5310                | 20                         | 1113.6                     | 898        | A        | Yes                  |
| 14    | 5310                | 9                          | 1474.9                     | 678        | A        | Yes                  |
| 15    | 5310                | 16                         | 1222.5                     | 818        | A        | Yes                  |
| 16    | 5310                | -                          | 1092.9                     | 915        | B        | Yes                  |
| 17    | 5310                | -                          | 444.8                      | 2248       | B        | Yes                  |
| 18    | 5310                | -                          | 569.8                      | 1755       | B        | Yes                  |
| 19    | 5310                | -                          | 630.5                      | 1586       | B        | Yes                  |
| 20    | 5310                | -                          | 531.9                      | 1880       | B        | No                   |
| 21    | 5310                | -                          | 615.8                      | 1624       | B        | Yes                  |
| 22    | 5310                | -                          | 1248.4                     | 801        | B        | Yes                  |
| 23    | 5310                | -                          | 984.3                      | 1016       | B        | Yes                  |
| 24    | 5310                | -                          | 742.4                      | 1347       | B        | Yes                  |
| 25    | 5310                | -                          | 375                        | 2667       | B        | Yes                  |
| 26    | 5310                | -                          | 585.5                      | 1708       | B        | Yes                  |
| 27    | 5310                | -                          | 918.3                      | 1089       | B        | Yes                  |
| 28    | 5310                | -                          | 1293.7                     | 773        | B        | Yes                  |
| 29    | 5310                | -                          | 453.9                      | 2203       | B        | Yes                  |
| 30    | 5310                | -                          | 425.9                      | 2348       | B        | Yes                  |

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## Radar Type 2 for 5310 MHz:

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|---------------------|---------------------------------|-------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)        | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5310                | 23                              | 1                 | 210           | Yes                  |
| 2     | 5310                | 28                              | 4                 | 205           | Yes                  |
| 3     | 5310                | 26                              | 2.8               | 154           | Yes                  |
| 4     | 5310                | 23                              | 1.3               | 173           | Yes                  |
| 5     | 5310                | 27                              | 3.8               | 188           | Yes                  |
| 6     | 5310                | 24                              | 1.8               | 226           | Yes                  |
| 7     | 5310                | 23                              | 1.1               | 228           | Yes                  |
| 8     | 5310                | 28                              | 4.2               | 216           | Yes                  |
| 9     | 5310                | 25                              | 2.7               | 187           | Yes                  |
| 10    | 5310                | 27                              | 3.7               | 191           | Yes                  |
| 11    | 5310                | 27                              | 3.3               | 165           | Yes                  |
| 12    | 5310                | 26                              | 3.1               | 176           | Yes                  |
| 13    | 5310                | 29                              | 4.7               | 214           | Yes                  |
| 14    | 5310                | 26                              | 2.9               | 186           | Yes                  |
| 15    | 5310                | 26                              | 3.1               | 225           | Yes                  |
| 16    | 5310                | 29                              | 4.9               | 193           | Yes                  |
| 17    | 5310                | 28                              | 4.1               | 213           | Yes                  |
| 18    | 5310                | 25                              | 2.4               | 198           | Yes                  |
| 19    | 5310                | 26                              | 3.2               | 196           | Yes                  |
| 20    | 5310                | 25                              | 2.3               | 209           | Yes                  |
| 21    | 5310                | 29                              | 4.8               | 170           | Yes                  |
| 22    | 5310                | 23                              | 1.4               | 184           | Yes                  |
| 23    | 5310                | 28                              | 4.1               | 195           | Yes                  |
| 24    | 5310                | 26                              | 2.8               | 152           | Yes                  |
| 25    | 5310                | 23                              | 1.2               | 178           | Yes                  |
| 26    | 5310                | 24                              | 1.6               | 220           | Yes                  |
| 27    | 5310                | 23                              | 1.3               | 156           | Yes                  |
| 28    | 5310                | 29                              | 4.6               | 171           | Yes                  |
| 29    | 5310                | 23                              | 1.3               | 229           | Yes                  |
| 30    | 5310                | 23                              | 1.2               | 215           | Yes                  |

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## Radar Type 3 for 5310 MHz:

Data Sheet for FCC Radar Type 3

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|--------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)         | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5310                | 16                              | 6                  | 320           | No                   |
| 2     | 5310                | 18                              | 9                  | 375           | Yes                  |
| 3     | 5310                | 17                              | 7.8                | 411           | Yes                  |
| 4     | 5310                | 16                              | 6.3                | 279           | Yes                  |
| 5     | 5310                | 18                              | 8.8                | 431           | Yes                  |
| 6     | 5310                | 16                              | 6.8                | 422           | Yes                  |
| 7     | 5310                | 16                              | 6.1                | 287           | Yes                  |
| 8     | 5310                | 18                              | 9.2                | 444           | Yes                  |
| 9     | 5310                | 17                              | 7.7                | 476           | Yes                  |
| 10    | 5310                | 17                              | 8.7                | 426           | Yes                  |
| 11    | 5310                | 17                              | 8.3                | 329           | Yes                  |
| 12    | 5310                | 17                              | 8.1                | 257           | Yes                  |
| 13    | 5310                | 18                              | 9.7                | 216           | Yes                  |
| 14    | 5310                | 17                              | 7.9                | 383           | Yes                  |
| 15    | 5310                | 17                              | 8.1                | 392           | Yes                  |
| 16    | 5310                | 18                              | 9.9                | 410           | Yes                  |
| 17    | 5310                | 18                              | 9.1                | 318           | Yes                  |
| 18    | 5310                | 17                              | 7.4                | 213           | Yes                  |
| 19    | 5310                | 17                              | 8.2                | 405           | Yes                  |
| 20    | 5310                | 16                              | 7.3                | 440           | Yes                  |
| 21    | 5310                | 18                              | 9.8                | 458           | Yes                  |
| 22    | 5310                | 16                              | 6.4                | 486           | Yes                  |
| 23    | 5310                | 18                              | 9.1                | 402           | Yes                  |
| 24    | 5310                | 17                              | 7.8                | 266           | Yes                  |
| 25    | 5310                | 16                              | 6.2                | 395           | Yes                  |
| 26    | 5310                | 16                              | 6.6                | 475           | Yes                  |
| 27    | 5310                | 16                              | 6.3                | 215           | Yes                  |
| 28    | 5310                | 18                              | 9.6                | 340           | Yes                  |
| 29    | 5310                | 16                              | 6.3                | 226           | Yes                  |
| 30    | 5310                | 16                              | 6.2                | 430           | Yes                  |

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# Radar Type 4 for 5310 MHz:

Data Sheet for FCC Radar Type 4

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|---------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)          | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5310                | 12                              | 11.1                | 320           | Yes                  |
| 2     | 5310                | 15                              | 17.8                | 375           | Yes                  |
| 3     | 5310                | 14                              | 15.1                | 411           | Yes                  |
| 4     | 5310                | 12                              | 11.7                | 279           | No                   |
| 5     | 5310                | 15                              | 17.3                | 431           | Yes                  |
| 6     | 5310                | 13                              | 12.9                | 422           | No                   |
| 7     | 5310                | 12                              | 11.4                | 287           | Yes                  |
| 8     | 5310                | 15                              | 18.2                | 444           | Yes                  |
| 9     | 5310                | 14                              | 14.8                | 476           | Yes                  |
| 10    | 5310                | 15                              | 17                  | 426           | Yes                  |
| 11    | 5310                | 14                              | 16.3                | 329           | Yes                  |
| 12    | 5310                | 14                              | 15.7                | 257           | Yes                  |
| 13    | 5310                | 16                              | 19.3                | 216           | Yes                  |
| 14    | 5310                | 14                              | 15.2                | 383           | No                   |
| 15    | 5310                | 14                              | 15.6                | 392           | Yes                  |
| 16    | 5310                | 16                              | 19.8                | 410           | Yes                  |
| 17    | 5310                | 15                              | 17.9                | 318           | Yes                  |
| 18    | 5310                | 13                              | 14.3                | 213           | No                   |
| 19    | 5310                | 14                              | 16                  | 405           | Yes                  |
| 20    | 5310                | 13                              | 13.9                | 440           | Yes                  |
| 21    | 5310                | 16                              | 19.5                | 458           | Yes                  |
| 22    | 5310                | 12                              | 11.9                | 486           | Yes                  |
| 23    | 5310                | 15                              | 17.8                | 402           | Yes                  |
| 24    | 5310                | 14                              | 15.1                | 266           | Yes                  |
| 25    | 5310                | 12                              | 11.5                | 395           | Yes                  |
| 26    | 5310                | 12                              | 12.3                | 475           | Yes                  |
| 27    | 5310                | 12                              | 11.6                | 215           | Yes                  |
| 28    | 5310                | 16                              | 19                  | 340           | Yes                  |
| 29    | 5310                | 12                              | 11.7                | 226           | Yes                  |
| 30    | 5310                | 12                              | 11.5                | 430           | Yes                  |

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## Radar Type 5 for 5310 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 2                       |                       | VSG Frequency(MHz):     |                         | 5310                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                               |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                               |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                               |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                               |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                               |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                               |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                               |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                               |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                               |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                               |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                               |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                               |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                               |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                               |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 3                       |                       | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 5                       |                       | VSG Frequency(MHz):     |                         | 5310                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                               |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                               |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                               |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                               |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                               |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                               |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                               |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                               |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                               |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                               |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                               |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                               |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                               |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 6                       |                       | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        | 10                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                                    |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                     |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                                    |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                                    |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                                    |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                                   |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                                    |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                                    |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                                    |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 7                     | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 8                       |                       | VSG Frequency(MHz):     |                         | 5310                                      |
| Number of Bursts in Trial:      |                                        | 18                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                     |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                                    |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                                    |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                                    |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                     |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                                    |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                                    |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                                    |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                     |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                                    |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                                    |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                                    |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                     |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                                    |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                                    |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                                    |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                     |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5310                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 10                      |                       | VSG Frequency(MHz):     |                         | 5310                                 |
| Number of Bursts in Trial:      |                                        | 16                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 11                    | VSG Frequency(MHz):     |                         | 5297.4515                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 12                    | VSG Frequency(MHz):     |                         | 5297.0515                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 13                    | VSG Frequency(MHz):     |                         | 5299.4515                            |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                               |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                               |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                               |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                               |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                               |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                               |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                               |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                               |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                 |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                               |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                               |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                               |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                               |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                               |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                               |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                               |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 14                    | VSG Frequency(MHz):     |                         | 5296.6515                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5297.0515                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                                    |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                                    |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                     |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                                    |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                                    |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                                    |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                     |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                                    |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                                    |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                                    |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                      |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                                    |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                                    |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 16                    | VSG Frequency(MHz):     |                         | 5299.8515                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                                    |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                                    |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                                    |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                                    |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                                    |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                                    |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                                    |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                                    |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                                    |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                     |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                                    |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                                    |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                                    |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                     |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                                    |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                                    |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                                    |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                     |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                                    |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5298.6515                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                                    |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                     |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                                    |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                                    |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                                    |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                     |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                                    |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                                    |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                                    |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                      |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                                    |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                                    |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                                    |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                                    |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                                    |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                                    |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 18                    | VSG Frequency(MHz):     |                         | 5295.8515                                 |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                                    |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                                    |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                                    |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                                    |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                                    |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                                    |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                                    |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                                    |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                                    |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                                    |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                                    |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 19                    | VSG Frequency(MHz):     |                         | 5297.0515                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                                    |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                     |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                                    |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                                    |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                                    |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                     |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                                    |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                                    |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                                    |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                     |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                                    |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                                    |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                                    |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                     |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 20                      |                       | VSG Frequency(MHz):     |                         | 5295.8515                                 |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                                    |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                                    |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                                    |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                                    |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                                    |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                                    |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                                    |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                                    |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                                    |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                                    |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                                    |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 21                    | VSG Frequency(MHz):     |                         | 5320.1485                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 22                      |                       | VSG Frequency(MHz):     |                         | 5325.7485                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 23                    | VSG Frequency(MHz):     |                         | 5321.3485                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                                    |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                                    |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                                    |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                                    |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                                    |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                                    |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                                    |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                     |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                                    |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                                    |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                                    |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                     |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                                    |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                                    |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                                    |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                     |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 24                    | VSG Frequency(MHz):     |                         | 5323.3485                                 |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                                    |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                                    |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                     |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                                    |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                                    |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                                    |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                     |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                                    |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                                    |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                                    |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                                    |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                                    |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5326.1485                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 26                    | VSG Frequency(MHz):     |                         | 5325.3485                                 |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 27                      |                       | VSG Frequency(MHz):     |                         | 5325.7485                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 28                    | VSG Frequency(MHz):     |                         | 5320.5485                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                                    |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                     |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                                    |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                                    |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                                    |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                                    |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                                    |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                                    |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                                    |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                                    |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                                    |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                                    |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                                    |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                                    |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                                    |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                                    |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                                    |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                                    |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5325.7485                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5326.1485                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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# Radar Type 6 for 5310 MHz:

## Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |

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## Statistical Performance Check: 5320:

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|---------------------------------------------|-----------|
| 1                            | 30                       | 100               |                    | 60                                          | Pass      |
| 2                            | 30                       | 100               |                    | 60                                          | Pass      |
| 3                            | 30                       | 96.67             |                    | 60                                          | Pass      |
| 4                            | 30                       | 80                |                    | 60                                          | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 94.1675           |                    | 80                                          | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 100                | 80                                          | Pass      |
|                              | Low Edge:10              | 100               |                    |                                             |           |
|                              | High Edge:10             | 100               |                    |                                             |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 86.66666667       |                    | 70                                          | Pass      |

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# Radar Type 1 for 5320 MHz:

## Data Sheet for FCC Radar Type 1

| Trial | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI (msec) | Test A/B | Successful Detection (Yes/No) |
|-------|---------------------|----------------------------|----------------------------|------------|----------|-------------------------------|
|       |                     | Number (1 to 23)           | (Pulses Per Second)        |            |          |                               |
| 1     | 5320                | 14                         | 1285.3                     | 778        | A        | Yes                           |
| 2     | 5320                | 8                          | 1519.8                     | 658        | A        | Yes                           |
| 3     | 5320                | 7                          | 1567.4                     | 638        | A        | Yes                           |
| 4     | 5320                | 10                         | 1432.7                     | 698        | A        | Yes                           |
| 5     | 5320                | 4                          | 1730.1                     | 578        | A        | Yes                           |
| 6     | 5320                | 17                         | 1193.3                     | 838        | A        | Yes                           |
| 7     | 5320                | 13                         | 1319.3                     | 758        | A        | Yes                           |
| 8     | 5320                | 11                         | 1392.8                     | 718        | A        | Yes                           |
| 9     | 5320                | 3                          | 1792.1                     | 558        | A        | Yes                           |
| 10    | 5320                | 21                         | 1089.3                     | 918        | A        | Yes                           |
| 11    | 5320                | 23                         | 326.2                      | 3066       | A        | Yes                           |
| 12    | 5320                | 2                          | 1858.7                     | 538        | A        | Yes                           |
| 13    | 5320                | 20                         | 1113.6                     | 898        | A        | Yes                           |
| 14    | 5320                | 9                          | 1474.9                     | 678        | A        | Yes                           |
| 15    | 5320                | 16                         | 1222.5                     | 818        | A        | Yes                           |
| 16    | 5320                | -                          | 1092.9                     | 915        | B        | Yes                           |
| 17    | 5320                | -                          | 444.8                      | 2248       | B        | Yes                           |
| 18    | 5320                | -                          | 569.8                      | 1755       | B        | Yes                           |
| 19    | 5320                | -                          | 630.5                      | 1586       | B        | Yes                           |
| 20    | 5320                | -                          | 531.9                      | 1880       | B        | Yes                           |
| 21    | 5320                | -                          | 615.8                      | 1624       | B        | Yes                           |
| 22    | 5320                | -                          | 1248.4                     | 801        | B        | Yes                           |
| 23    | 5320                | -                          | 984.3                      | 1016       | B        | Yes                           |
| 24    | 5320                | -                          | 742.4                      | 1347       | B        | Yes                           |
| 25    | 5320                | -                          | 375                        | 2667       | B        | Yes                           |
| 26    | 5320                | -                          | 585.5                      | 1708       | B        | Yes                           |
| 27    | 5320                | -                          | 918.3                      | 1089       | B        | Yes                           |
| 28    | 5320                | -                          | 1293.7                     | 773        | B        | Yes                           |
| 29    | 5320                | -                          | 453.9                      | 2203       | B        | Yes                           |
| 30    | 5320                | -                          | 425.9                      | 2348       | B        | Yes                           |

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## Radar Type 2 for 5320 MHz:

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|---------------------|---------------------------------|-------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)        | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5320                | 23                              | 1                 | 210           | Yes                  |
| 2     | 5320                | 28                              | 4                 | 205           | Yes                  |
| 3     | 5320                | 26                              | 2.8               | 154           | Yes                  |
| 4     | 5320                | 23                              | 1.3               | 173           | Yes                  |
| 5     | 5320                | 27                              | 3.8               | 188           | Yes                  |
| 6     | 5320                | 24                              | 1.8               | 226           | Yes                  |
| 7     | 5320                | 23                              | 1.1               | 228           | Yes                  |
| 8     | 5320                | 28                              | 4.2               | 216           | Yes                  |
| 9     | 5320                | 25                              | 2.7               | 187           | Yes                  |
| 10    | 5320                | 27                              | 3.7               | 191           | Yes                  |
| 11    | 5320                | 27                              | 3.3               | 165           | Yes                  |
| 12    | 5320                | 26                              | 3.1               | 176           | Yes                  |
| 13    | 5320                | 29                              | 4.7               | 214           | Yes                  |
| 14    | 5320                | 26                              | 2.9               | 186           | Yes                  |
| 15    | 5320                | 26                              | 3.1               | 225           | Yes                  |
| 16    | 5320                | 29                              | 4.9               | 193           | Yes                  |
| 17    | 5320                | 28                              | 4.1               | 213           | Yes                  |
| 18    | 5320                | 25                              | 2.4               | 198           | Yes                  |
| 19    | 5320                | 26                              | 3.2               | 196           | Yes                  |
| 20    | 5320                | 25                              | 2.3               | 209           | Yes                  |
| 21    | 5320                | 29                              | 4.8               | 170           | Yes                  |
| 22    | 5320                | 23                              | 1.4               | 184           | Yes                  |
| 23    | 5320                | 28                              | 4.1               | 195           | Yes                  |
| 24    | 5320                | 26                              | 2.8               | 152           | Yes                  |
| 25    | 5320                | 23                              | 1.2               | 178           | Yes                  |
| 26    | 5320                | 24                              | 1.6               | 220           | Yes                  |
| 27    | 5320                | 23                              | 1.3               | 156           | Yes                  |
| 28    | 5320                | 29                              | 4.6               | 171           | Yes                  |
| 29    | 5320                | 23                              | 1.3               | 229           | Yes                  |
| 30    | 5320                | 23                              | 1.2               | 215           | Yes                  |

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## Radar Type 3 for 5290 MHz:

Data Sheet for FCC Radar Type 3

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|--------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)         | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5320                | 16                              | 6                  | 320           | Yes                  |
| 2     | 5320                | 18                              | 9                  | 375           | Yes                  |
| 3     | 5320                | 17                              | 7.8                | 411           | Yes                  |
| 4     | 5320                | 16                              | 6.3                | 279           | Yes                  |
| 5     | 5320                | 18                              | 8.8                | 431           | Yes                  |
| 6     | 5320                | 16                              | 6.8                | 422           | Yes                  |
| 7     | 5320                | 16                              | 6.1                | 287           | Yes                  |
| 8     | 5320                | 18                              | 9.2                | 444           | Yes                  |
| 9     | 5320                | 17                              | 7.7                | 476           | Yes                  |
| 10    | 5320                | 17                              | 8.7                | 426           | Yes                  |
| 11    | 5320                | 17                              | 8.3                | 329           | Yes                  |
| 12    | 5320                | 17                              | 8.1                | 257           | No                   |
| 13    | 5320                | 18                              | 9.7                | 216           | Yes                  |
| 14    | 5320                | 17                              | 7.9                | 383           | Yes                  |
| 15    | 5320                | 17                              | 8.1                | 392           | Yes                  |
| 16    | 5320                | 18                              | 9.9                | 410           | Yes                  |
| 17    | 5320                | 18                              | 9.1                | 318           | Yes                  |
| 18    | 5320                | 17                              | 7.4                | 213           | Yes                  |
| 19    | 5320                | 17                              | 8.2                | 405           | Yes                  |
| 20    | 5320                | 16                              | 7.3                | 440           | Yes                  |
| 21    | 5320                | 18                              | 9.8                | 458           | Yes                  |
| 22    | 5320                | 16                              | 6.4                | 486           | Yes                  |
| 23    | 5320                | 18                              | 9.1                | 402           | Yes                  |
| 24    | 5320                | 17                              | 7.8                | 266           | Yes                  |
| 25    | 5320                | 16                              | 6.2                | 395           | Yes                  |
| 26    | 5320                | 16                              | 6.6                | 475           | Yes                  |
| 27    | 5320                | 16                              | 6.3                | 215           | Yes                  |
| 28    | 5320                | 18                              | 9.6                | 340           | Yes                  |
| 29    | 5320                | 16                              | 6.3                | 226           | Yes                  |
| 30    | 5320                | 16                              | 6.2                | 430           | Yes                  |

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## Radar Type 4 for 5320 MHz:

Data Sheet for FCC Radar Type 4

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|---------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)          | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5320                | 12                              | 11.1                | 320           | Yes                  |
| 2     | 5320                | 15                              | 17.8                | 375           | Yes                  |
| 3     | 5320                | 14                              | 15.1                | 411           | Yes                  |
| 4     | 5320                | 12                              | 11.7                | 279           | Yes                  |
| 5     | 5320                | 15                              | 17.3                | 431           | No                   |
| 6     | 5320                | 13                              | 12.9                | 422           | Yes                  |
| 7     | 5320                | 12                              | 11.4                | 287           | Yes                  |
| 8     | 5320                | 15                              | 18.2                | 444           | Yes                  |
| 9     | 5320                | 14                              | 14.8                | 476           | Yes                  |
| 10    | 5320                | 15                              | 17                  | 426           | Yes                  |
| 11    | 5320                | 14                              | 16.3                | 329           | Yes                  |
| 12    | 5320                | 14                              | 15.7                | 257           | No                   |
| 13    | 5320                | 16                              | 19.3                | 216           | Yes                  |
| 14    | 5320                | 14                              | 15.2                | 383           | Yes                  |
| 15    | 5320                | 14                              | 15.6                | 392           | Yes                  |
| 16    | 5320                | 16                              | 19.8                | 410           | Yes                  |
| 17    | 5320                | 15                              | 17.9                | 318           | Yes                  |
| 18    | 5320                | 13                              | 14.3                | 213           | Yes                  |
| 19    | 5320                | 14                              | 16                  | 405           | Yes                  |
| 20    | 5320                | 13                              | 13.9                | 440           | Yes                  |
| 21    | 5320                | 16                              | 19.5                | 458           | Yes                  |
| 22    | 5320                | 12                              | 11.9                | 486           | No                   |
| 23    | 5320                | 15                              | 17.8                | 402           | Yes                  |
| 24    | 5320                | 14                              | 15.1                | 266           | No                   |
| 25    | 5320                | 12                              | 11.5                | 395           | Yes                  |
| 26    | 5320                | 12                              | 12.3                | 475           | No                   |
| 27    | 5320                | 12                              | 11.6                | 215           | No                   |
| 28    | 5320                | 16                              | 19                  | 340           | Yes                  |
| 29    | 5320                | 12                              | 11.7                | 226           | Yes                  |
| 30    | 5320                | 12                              | 11.5                | 430           | Yes                  |

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### Radar Type 5 for 5320 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 2                       |                       | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                                    |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                                    |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                                    |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                                    |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                                    |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                                    |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                                    |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                                    |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                     |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                                    |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                                    |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                                    |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                     |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                                    |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                                    |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                                    |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 3                     | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 5                     | VSG Frequency(MHz):     |                         | 5320                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                               |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                               |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                               |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                               |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                               |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                               |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                               |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                               |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                               |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                               |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                               |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                               |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                               |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 6                       |                       | VSG Frequency(MHz):     |                         | 5320                                 |
| Number of Bursts in Trial:      |                                        | 10                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                               |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                               |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                               |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                               |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                              |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                               |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                               |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                               |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                              |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 7                       |                       | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 8                       |                       | VSG Frequency(MHz):     |                         | 5320                                      |
| Number of Bursts in Trial:      |                                        | 18                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                     |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                                    |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                                    |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                                    |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                     |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                                    |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                                    |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                                    |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                     |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                                    |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                                    |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                                    |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                     |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                                    |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                                    |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                                    |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                     |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5320                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 10                    | VSG Frequency(MHz):     |                         | 5320                                 |
| Number of Bursts in Trial:      |                                        |                         | 16                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 11                      |                       | VSG Frequency(MHz):     |                         | 5316.77                                   |
| Number of Bursts in Trial:      |                                        | 15                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 12                      |                       | VSG Frequency(MHz):     |                         | 5316.37                                   |
| Number of Bursts in Trial:      |                                        | 14                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 13                      |                       | VSG Frequency(MHz):     |                         | 5318.77                                   |
| Number of Bursts in Trial:      |                                        | 19                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                                    |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                                    |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                     |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                                    |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                                    |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                                    |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                     |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                                    |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                                    |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                                    |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                      |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                                    |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                                    |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                                    |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                                    |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                                    |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                                    |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                                    |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 14                    | VSG Frequency(MHz):     |                         | 5315.97                                   |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5316.37                              |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                               |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                               |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                               |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                               |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                               |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                               |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                               |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                               |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                 |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                               |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                               |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 16                      |                       | VSG Frequency(MHz):     |                         | 5319.17                              |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                               |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                               |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                               |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                               |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                               |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                               |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                               |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                               |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                               |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                               |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                               |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                               |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                               |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                               |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                               |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                               |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5317.97                              |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                               |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                               |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                               |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                               |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                               |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                               |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                               |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                 |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                               |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                               |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                               |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                               |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                               |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                               |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 18                      |                       | VSG Frequency(MHz):     |                         | 5315.17                              |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                               |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                               |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                               |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                               |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                               |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                               |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                               |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                               |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                               |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                               |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                               |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 19                      |                       | VSG Frequency(MHz):     |                         | 5316.37                              |
| Number of Bursts in Trial:      |                                        | 15                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                               |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                               |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                               |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                               |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                               |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                               |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                               |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                               |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                               |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                               |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 20                      |                       | VSG Frequency(MHz):     |                         | 5315.17                                   |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                                    |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                                    |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                                    |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                                    |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                                    |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                                    |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                                    |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                                    |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                                    |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                                    |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                                    |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 21                      |                       | VSG Frequency(MHz):     |                         | 5320.83                                   |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 22                      |                       | VSG Frequency(MHz):     |                         | 5326.43                                   |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 23                      |                       | VSG Frequency(MHz):     |                         | 5322.03                              |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                               |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                               |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                               |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                               |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                               |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                               |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                               |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                               |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                               |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                               |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                               |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                               |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                               |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 24                      |                       | VSG Frequency(MHz):     |                         | 5324.03                              |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                               |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                               |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                               |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                               |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                               |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                               |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                               |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                               |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                               |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                               |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5326.83                                   |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 26                      |                       | VSG Frequency(MHz):     |                         | 5326.03                                   |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 27                      |                       | VSG Frequency(MHz):     |                         | 5326.43                                   |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 28                      |                       | VSG Frequency(MHz):     |                         | 5321.23                              |
| Number of Bursts in Trial:      |                                        | 19                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                               |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                               |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                               |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                               |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                               |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                               |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                               |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                               |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                               |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                               |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                               |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                               |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                               |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                               |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                               |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                               |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                               |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5326.43                                   |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5326.83                                   |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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# Radar Type 6 for 5320 MHz:

## Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | No                   |

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## Statistical Performance Check: 5500 MHz:

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|----------------------------------------------|-----------|
| 1                            | 30                       | 100               |                    | 60                                           | Pass      |
| 2                            | 30                       | 100               |                    | 60                                           | Pass      |
| 3                            | 30                       | 93.33             |                    | 60                                           | Pass      |
| 4                            | 30                       | 80                |                    | 60                                           | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 93.3325           |                    | 80                                           | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 96.66666667        | 80                                           | Pass      |
|                              | Low Edge:10              | 100               |                    |                                              |           |
|                              | High Edge:10             | 90                |                    |                                              |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 80                |                    | 70                                           | Pass      |

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# Radar Type 1 for 5500 MHz:

## Data Sheet for FCC Radar Type 1

| Trial | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI (msec) | Test A/B | Successful Detection (Yes/No) |
|-------|---------------------|----------------------------|----------------------------|------------|----------|-------------------------------|
|       |                     | Number (1 to 23)           | (Pulses Per Second)        |            |          |                               |
| 1     | 5500                | 14                         | 1285.3                     | 778        | A        | Yes                           |
| 2     | 5500                | 8                          | 1519.8                     | 658        | A        | Yes                           |
| 3     | 5500                | 7                          | 1567.4                     | 638        | A        | Yes                           |
| 4     | 5500                | 10                         | 1432.7                     | 698        | A        | Yes                           |
| 5     | 5500                | 4                          | 1730.1                     | 578        | A        | Yes                           |
| 6     | 5500                | 17                         | 1193.3                     | 838        | A        | Yes                           |
| 7     | 5500                | 13                         | 1319.3                     | 758        | A        | Yes                           |
| 8     | 5500                | 11                         | 1392.8                     | 718        | A        | Yes                           |
| 9     | 5500                | 3                          | 1792.1                     | 558        | A        | Yes                           |
| 10    | 5500                | 21                         | 1089.3                     | 918        | A        | Yes                           |
| 11    | 5500                | 23                         | 326.2                      | 3066       | A        | Yes                           |
| 12    | 5500                | 2                          | 1858.7                     | 538        | A        | Yes                           |
| 13    | 5500                | 20                         | 1113.6                     | 898        | A        | Yes                           |
| 14    | 5500                | 9                          | 1474.9                     | 678        | A        | Yes                           |
| 15    | 5500                | 16                         | 1222.5                     | 818        | A        | Yes                           |
| 16    | 5500                | -                          | 1092.9                     | 915        | B        | Yes                           |
| 17    | 5500                | -                          | 444.8                      | 2248       | B        | Yes                           |
| 18    | 5500                | -                          | 569.8                      | 1755       | B        | Yes                           |
| 19    | 5500                | -                          | 630.5                      | 1586       | B        | Yes                           |
| 20    | 5500                | -                          | 531.9                      | 1880       | B        | Yes                           |
| 21    | 5500                | -                          | 615.8                      | 1624       | B        | Yes                           |
| 22    | 5500                | -                          | 1248.4                     | 801        | B        | Yes                           |
| 23    | 5500                | -                          | 984.3                      | 1016       | B        | Yes                           |
| 24    | 5500                | -                          | 742.4                      | 1347       | B        | Yes                           |
| 25    | 5500                | -                          | 375                        | 2667       | B        | Yes                           |
| 26    | 5500                | -                          | 585.5                      | 1708       | B        | Yes                           |
| 27    | 5500                | -                          | 918.3                      | 1089       | B        | Yes                           |
| 28    | 5500                | -                          | 1293.7                     | 773        | B        | Yes                           |
| 29    | 5500                | -                          | 453.9                      | 2203       | B        | Yes                           |
| 30    | 5500                | -                          | 425.9                      | 2348       | B        | Yes                           |

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## Radar Type 2 for 5500 MHz:

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|---------------------|---------------------------------|-------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)        | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5500                | 23                              | 1                 | 210           | Yes                  |
| 2     | 5500                | 28                              | 4                 | 205           | Yes                  |
| 3     | 5500                | 26                              | 2.8               | 154           | Yes                  |
| 4     | 5500                | 23                              | 1.3               | 173           | Yes                  |
| 5     | 5500                | 27                              | 3.8               | 188           | Yes                  |
| 6     | 5500                | 24                              | 1.8               | 226           | Yes                  |
| 7     | 5500                | 23                              | 1.1               | 228           | Yes                  |
| 8     | 5500                | 28                              | 4.2               | 216           | Yes                  |
| 9     | 5500                | 25                              | 2.7               | 187           | Yes                  |
| 10    | 5500                | 27                              | 3.7               | 191           | Yes                  |
| 11    | 5500                | 27                              | 3.3               | 165           | Yes                  |
| 12    | 5500                | 26                              | 3.1               | 176           | Yes                  |
| 13    | 5500                | 29                              | 4.7               | 214           | Yes                  |
| 14    | 5500                | 26                              | 2.9               | 186           | Yes                  |
| 15    | 5500                | 26                              | 3.1               | 225           | Yes                  |
| 16    | 5500                | 29                              | 4.9               | 193           | Yes                  |
| 17    | 5500                | 28                              | 4.1               | 213           | Yes                  |
| 18    | 5500                | 25                              | 2.4               | 198           | Yes                  |
| 19    | 5500                | 26                              | 3.2               | 196           | Yes                  |
| 20    | 5500                | 25                              | 2.3               | 209           | Yes                  |
| 21    | 5500                | 29                              | 4.8               | 170           | Yes                  |
| 22    | 5500                | 23                              | 1.4               | 184           | Yes                  |
| 23    | 5500                | 28                              | 4.1               | 195           | Yes                  |
| 24    | 5500                | 26                              | 2.8               | 152           | Yes                  |
| 25    | 5500                | 23                              | 1.2               | 178           | Yes                  |
| 26    | 5500                | 24                              | 1.6               | 220           | Yes                  |
| 27    | 5500                | 23                              | 1.3               | 156           | Yes                  |
| 28    | 5500                | 29                              | 4.6               | 171           | Yes                  |
| 29    | 5500                | 23                              | 1.3               | 229           | Yes                  |
| 30    | 5500                | 23                              | 1.2               | 215           | Yes                  |

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### Radar Type 3 for 5500 MHz:

Data Sheet for FCC Radar Type 3

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|--------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)         | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5500                | 16                              | 6                  | 320           | Yes                  |
| 2     | 5500                | 18                              | 9                  | 375           | Yes                  |
| 3     | 5500                | 17                              | 7.8                | 411           | Yes                  |
| 4     | 5500                | 16                              | 6.3                | 279           | Yes                  |
| 5     | 5500                | 18                              | 8.8                | 431           | Yes                  |
| 6     | 5500                | 16                              | 6.8                | 422           | Yes                  |
| 7     | 5500                | 16                              | 6.1                | 287           | Yes                  |
| 8     | 5500                | 18                              | 9.2                | 444           | Yes                  |
| 9     | 5500                | 17                              | 7.7                | 476           | Yes                  |
| 10    | 5500                | 17                              | 8.7                | 426           | Yes                  |
| 11    | 5500                | 17                              | 8.3                | 329           | No                   |
| 12    | 5500                | 17                              | 8.1                | 257           | Yes                  |
| 13    | 5500                | 18                              | 9.7                | 216           | Yes                  |
| 14    | 5500                | 17                              | 7.9                | 383           | Yes                  |
| 15    | 5500                | 17                              | 8.1                | 392           | Yes                  |
| 16    | 5500                | 18                              | 9.9                | 410           | Yes                  |
| 17    | 5500                | 18                              | 9.1                | 318           | Yes                  |
| 18    | 5500                | 17                              | 7.4                | 213           | Yes                  |
| 19    | 5500                | 17                              | 8.2                | 405           | Yes                  |
| 20    | 5500                | 16                              | 7.3                | 440           | Yes                  |
| 21    | 5500                | 18                              | 9.8                | 458           | Yes                  |
| 22    | 5500                | 16                              | 6.4                | 486           | Yes                  |
| 23    | 5500                | 18                              | 9.1                | 402           | Yes                  |
| 24    | 5500                | 17                              | 7.8                | 266           | Yes                  |
| 25    | 5500                | 16                              | 6.2                | 395           | Yes                  |
| 26    | 5500                | 16                              | 6.6                | 475           | No                   |
| 27    | 5500                | 16                              | 6.3                | 215           | Yes                  |
| 28    | 5500                | 18                              | 9.6                | 340           | Yes                  |
| 29    | 5500                | 16                              | 6.3                | 226           | Yes                  |
| 30    | 5500                | 16                              | 6.2                | 430           | Yes                  |

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## Radar Type 4 for 5500 MHz:

Data Sheet for FCC Radar Type 4

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|---------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)          | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5500                | 12                              | 11.1                | 320           | Yes                  |
| 2     | 5500                | 15                              | 17.8                | 375           | Yes                  |
| 3     | 5500                | 14                              | 15.1                | 411           | Yes                  |
| 4     | 5500                | 12                              | 11.7                | 279           | No                   |
| 5     | 5500                | 15                              | 17.3                | 431           | No                   |
| 6     | 5500                | 13                              | 12.9                | 422           | Yes                  |
| 7     | 5500                | 12                              | 11.4                | 287           | Yes                  |
| 8     | 5500                | 15                              | 18.2                | 444           | Yes                  |
| 9     | 5500                | 14                              | 14.8                | 476           | Yes                  |
| 10    | 5500                | 15                              | 17                  | 426           | Yes                  |
| 11    | 5500                | 14                              | 16.3                | 329           | Yes                  |
| 12    | 5500                | 14                              | 15.7                | 257           | Yes                  |
| 13    | 5500                | 16                              | 19.3                | 216           | Yes                  |
| 14    | 5500                | 14                              | 15.2                | 383           | Yes                  |
| 15    | 5500                | 14                              | 15.6                | 392           | Yes                  |
| 16    | 5500                | 16                              | 19.8                | 410           | Yes                  |
| 17    | 5500                | 15                              | 17.9                | 318           | Yes                  |
| 18    | 5500                | 13                              | 14.3                | 213           | Yes                  |
| 19    | 5500                | 14                              | 16                  | 405           | Yes                  |
| 20    | 5500                | 13                              | 13.9                | 440           | Yes                  |
| 21    | 5500                | 16                              | 19.5                | 458           | Yes                  |
| 22    | 5500                | 12                              | 11.9                | 486           | Yes                  |
| 23    | 5500                | 15                              | 17.8                | 402           | Yes                  |
| 24    | 5500                | 14                              | 15.1                | 266           | No                   |
| 25    | 5500                | 12                              | 11.5                | 395           | Yes                  |
| 26    | 5500                | 12                              | 12.3                | 475           | No                   |
| 27    | 5500                | 12                              | 11.6                | 215           | Yes                  |
| 28    | 5500                | 16                              | 19                  | 340           | Yes                  |
| 29    | 5500                | 12                              | 11.7                | 226           | No                   |
| 30    | 5500                | 12                              | 11.5                | 430           | No                   |

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### Radar Type 5 for 5500 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5500                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 2                       |                       | VSG Frequency(MHz):     |                         | 5500                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                               |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                               |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                               |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                               |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                               |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                               |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                               |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                               |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                               |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                               |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                               |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                               |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                               |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                               |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 3                     | VSG Frequency(MHz):     |                         | 5500                                      |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5500                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 5                     | VSG Frequency(MHz):     |                         | 5500                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                               |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                               |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                               |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                               |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                               |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                               |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                               |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                               |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                               |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                               |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                               |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                               |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                               |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 6                       |                       | VSG Frequency(MHz):     |                         | 5500                                 |
| Number of Bursts in Trial:      |                                        | 10                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                               |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                               |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                               |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                               |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                              |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                               |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                               |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                               |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                              |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 7                     | VSG Frequency(MHz):     |                         | 5500                                      |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 8                     | VSG Frequency(MHz):     |                         | 5500                                      |
| Number of Bursts in Trial:      |                                        |                         | 18                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                     |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                                    |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                                    |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                                    |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                     |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                                    |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                                    |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                                    |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                     |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                                    |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                                    |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                                    |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                     |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                                    |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                                    |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                                    |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                     |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5500                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 10                      |                       | VSG Frequency(MHz):     |                         | 5500                                 |
| Number of Bursts in Trial:      |                                        | 16                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 11                    | VSG Frequency(MHz):     |                         | 5496.807                                  |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 12                    | VSG Frequency(MHz):     |                         | 5496.407                                  |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 13                      |                       | VSG Frequency(MHz):     |                         | 5498.807                             |
| Number of Bursts in Trial:      |                                        | 19                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                               |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                               |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                               |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                               |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                               |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                               |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                               |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                               |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                 |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                               |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                               |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                               |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                               |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                               |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                               |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                               |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 14                      |                       | VSG Frequency(MHz):     |                         | 5496.007                                  |
| Number of Bursts in Trial:      |                                        | 14                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5496.407                                  |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                                    |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                                    |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                     |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                                    |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                                    |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                                    |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                     |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                                    |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                                    |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                                    |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                      |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                                    |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                                    |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 16                      |                       | VSG Frequency(MHz):     |                         | 5499.207                                  |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                                    |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                                    |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                                    |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                                    |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                                    |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                                    |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                                    |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                                    |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                                    |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                     |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                                    |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                                    |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                                    |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                     |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                                    |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                                    |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                                    |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                     |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                                    |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5498.007                             |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                               |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                               |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                               |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                               |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                               |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                               |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                               |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                 |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                               |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                               |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                               |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                               |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                               |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                               |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 18                    | VSG Frequency(MHz):     |                         | 5495.207                                  |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                                    |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                                    |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                                    |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                                    |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                                    |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                                    |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                                    |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                                    |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                                    |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                                    |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                                    |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 19                      |                       | VSG Frequency(MHz):     |                         | 5496.407                             |
| Number of Bursts in Trial:      |                                        | 15                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                               |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                               |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                               |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                               |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                               |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                               |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                               |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                               |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                               |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                               |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 20                      |                       | VSG Frequency(MHz):     |                         | 5495.207                             |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                               |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                               |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                               |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                               |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                               |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                               |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                               |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                               |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                               |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                               |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                               |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 21                      |                       | VSG Frequency(MHz):     |                         | 5500.793                                  |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 22                      |                       | VSG Frequency(MHz):     |                         | 5506.393                                  |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 23                    | VSG Frequency(MHz):     |                         | 5501.993                                  |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                                    |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                                    |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                                    |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                                    |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                                    |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                                    |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                                    |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                     |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                                    |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                                    |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                                    |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                     |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                                    |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                                    |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                                    |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                     |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 24                    | VSG Frequency(MHz):     |                         | 5503.993                                  |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                                    |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                                    |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                     |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                                    |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                                    |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                                    |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                     |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                                    |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                                    |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                                    |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                                    |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                                    |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5506.793                                  |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 26                      |                       | VSG Frequency(MHz):     |                         | 5505.993                                  |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 27                      |                       | VSG Frequency(MHz):     |                         | 5506.393                                  |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 28                      |                       | VSG Frequency(MHz):     |                         | 5501.193                             |
| Number of Bursts in Trial:      |                                        | 19                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                               |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                               |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                               |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                               |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                               |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                               |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                               |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                               |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                               |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                               |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                               |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                               |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                               |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                               |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                               |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                               |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                               |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5506.393                                  |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5506.793                                  |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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# Radar Type 6 for 5500 MHz:

## Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | No                   |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |

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## Statistical Performance Check: 5510 MHz:

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|---------------------------------------------|-----------|
| 1                            | 30                       | 96.67             |                    | 60                                          | Pass      |
| 2                            | 30                       | 96.67             |                    | 60                                          | Pass      |
| 3                            | 30                       | 86.67             |                    | 60                                          | Pass      |
| 4                            | 30                       | 93.33             |                    | 60                                          | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 93.335            |                    | 80                                          | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 96.66666667        | 80                                          | Pass      |
|                              | Low Edge:10              | 100               |                    |                                             |           |
|                              | High Edge:10             | 90                |                    |                                             |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 100               |                    | 70                                          | Pass      |

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# Radar Type 1 for 5510 MHz:

## Data Sheet for FCC Radar Type 1

| Trial | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI  | Test A/B | Successful Detection |
|-------|---------------------|----------------------------|----------------------------|------|----------|----------------------|
|       |                     | Number (1 to 23)           | (Pulses Per Second)        |      |          |                      |
| 1     | 5510                | 14                         | 1285.3                     | 778  | A        | Yes                  |
| 2     | 5510                | 8                          | 1519.8                     | 658  | A        | Yes                  |
| 3     | 5510                | 7                          | 1567.4                     | 638  | A        | Yes                  |
| 4     | 5510                | 10                         | 1432.7                     | 698  | A        | Yes                  |
| 5     | 5510                | 4                          | 1730.1                     | 578  | A        | Yes                  |
| 6     | 5510                | 17                         | 1193.3                     | 838  | A        | Yes                  |
| 7     | 5510                | 13                         | 1319.3                     | 758  | A        | Yes                  |
| 8     | 5510                | 11                         | 1392.8                     | 718  | A        | Yes                  |
| 9     | 5510                | 3                          | 1792.1                     | 558  | A        | Yes                  |
| 10    | 5510                | 21                         | 1089.3                     | 918  | A        | Yes                  |
| 11    | 5510                | 23                         | 326.2                      | 3066 | A        | Yes                  |
| 12    | 5510                | 2                          | 1858.7                     | 538  | A        | Yes                  |
| 13    | 5510                | 20                         | 1113.6                     | 898  | A        | Yes                  |
| 14    | 5510                | 9                          | 1474.9                     | 678  | A        | No                   |
| 15    | 5510                | 16                         | 1222.5                     | 818  | A        | Yes                  |
| 16    | 5510                | -                          | 1092.9                     | 915  | B        | Yes                  |
| 17    | 5510                | -                          | 444.8                      | 2248 | B        | Yes                  |
| 18    | 5510                | -                          | 569.8                      | 1755 | B        | Yes                  |
| 19    | 5510                | -                          | 630.5                      | 1586 | B        | Yes                  |
| 20    | 5510                | -                          | 531.9                      | 1880 | B        | Yes                  |
| 21    | 5510                | -                          | 615.8                      | 1624 | B        | Yes                  |
| 22    | 5510                | -                          | 1248.4                     | 801  | B        | Yes                  |
| 23    | 5510                | -                          | 984.3                      | 1016 | B        | Yes                  |
| 24    | 5510                | -                          | 742.4                      | 1347 | B        | Yes                  |
| 25    | 5510                | -                          | 375                        | 2667 | B        | Yes                  |
| 26    | 5510                | -                          | 585.5                      | 1708 | B        | Yes                  |
| 27    | 5510                | -                          | 918.3                      | 1089 | B        | Yes                  |
| 28    | 5510                | -                          | 1293.7                     | 773  | B        | Yes                  |
| 29    | 5510                | -                          | 453.9                      | 2203 | B        | Yes                  |
| 30    | 5510                | -                          | 425.9                      | 2348 | B        | Yes                  |

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## Radar Type 2 for 5510 MHz:

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|---------------------|---------------------------------|-------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)        | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5510                | 23                              | 1                 | 210           | Yes                  |
| 2     | 5510                | 28                              | 4                 | 205           | Yes                  |
| 3     | 5510                | 26                              | 2.8               | 154           | Yes                  |
| 4     | 5510                | 23                              | 1.3               | 173           | Yes                  |
| 5     | 5510                | 27                              | 3.8               | 188           | Yes                  |
| 6     | 5510                | 24                              | 1.8               | 226           | Yes                  |
| 7     | 5510                | 23                              | 1.1               | 228           | Yes                  |
| 8     | 5510                | 28                              | 4.2               | 216           | Yes                  |
| 9     | 5510                | 25                              | 2.7               | 187           | Yes                  |
| 10    | 5510                | 27                              | 3.7               | 191           | Yes                  |
| 11    | 5510                | 27                              | 3.3               | 165           | Yes                  |
| 12    | 5510                | 26                              | 3.1               | 176           | Yes                  |
| 13    | 5510                | 29                              | 4.7               | 214           | Yes                  |
| 14    | 5510                | 26                              | 2.9               | 186           | Yes                  |
| 15    | 5510                | 26                              | 3.1               | 225           | Yes                  |
| 16    | 5510                | 29                              | 4.9               | 193           | Yes                  |
| 17    | 5510                | 28                              | 4.1               | 213           | Yes                  |
| 18    | 5510                | 25                              | 2.4               | 198           | Yes                  |
| 19    | 5510                | 26                              | 3.2               | 196           | Yes                  |
| 20    | 5510                | 25                              | 2.3               | 209           | Yes                  |
| 21    | 5510                | 29                              | 4.8               | 170           | Yes                  |
| 22    | 5510                | 23                              | 1.4               | 184           | No                   |
| 23    | 5510                | 28                              | 4.1               | 195           | Yes                  |
| 24    | 5510                | 26                              | 2.8               | 152           | Yes                  |
| 25    | 5510                | 23                              | 1.2               | 178           | Yes                  |
| 26    | 5510                | 24                              | 1.6               | 220           | Yes                  |
| 27    | 5510                | 23                              | 1.3               | 156           | Yes                  |
| 28    | 5510                | 29                              | 4.6               | 171           | Yes                  |
| 29    | 5510                | 23                              | 1.3               | 229           | Yes                  |
| 30    | 5510                | 23                              | 1.2               | 215           | Yes                  |

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## Radar Type 3 for 5510 MHz:

Data Sheet for FCC Radar Type 3

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|--------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)         | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5510                | 16                              | 6                  | 320           | Yes                  |
| 2     | 5510                | 18                              | 9                  | 375           | Yes                  |
| 3     | 5510                | 17                              | 7.8                | 411           | Yes                  |
| 4     | 5510                | 16                              | 6.3                | 279           | Yes                  |
| 5     | 5510                | 18                              | 8.8                | 431           | Yes                  |
| 6     | 5510                | 16                              | 6.8                | 422           | Yes                  |
| 7     | 5510                | 16                              | 6.1                | 287           | No                   |
| 8     | 5510                | 18                              | 9.2                | 444           | Yes                  |
| 9     | 5510                | 17                              | 7.7                | 476           | Yes                  |
| 10    | 5510                | 17                              | 8.7                | 426           | Yes                  |
| 11    | 5510                | 17                              | 8.3                | 329           | Yes                  |
| 12    | 5510                | 17                              | 8.1                | 257           | Yes                  |
| 13    | 5510                | 18                              | 9.7                | 216           | Yes                  |
| 14    | 5510                | 17                              | 7.9                | 383           | Yes                  |
| 15    | 5510                | 17                              | 8.1                | 392           | Yes                  |
| 16    | 5510                | 18                              | 9.9                | 410           | Yes                  |
| 17    | 5510                | 18                              | 9.1                | 318           | Yes                  |
| 18    | 5510                | 17                              | 7.4                | 213           | Yes                  |
| 19    | 5510                | 17                              | 8.2                | 405           | Yes                  |
| 20    | 5510                | 16                              | 7.3                | 440           | Yes                  |
| 21    | 5510                | 18                              | 9.8                | 458           | Yes                  |
| 22    | 5510                | 16                              | 6.4                | 486           | No                   |
| 23    | 5510                | 18                              | 9.1                | 402           | Yes                  |
| 24    | 5510                | 17                              | 7.8                | 266           | Yes                  |
| 25    | 5510                | 16                              | 6.2                | 395           | No                   |
| 26    | 5510                | 16                              | 6.6                | 475           | Yes                  |
| 27    | 5510                | 16                              | 6.3                | 215           | No                   |
| 28    | 5510                | 18                              | 9.6                | 340           | Yes                  |
| 29    | 5510                | 16                              | 6.3                | 226           | Yes                  |
| 30    | 5510                | 16                              | 6.2                | 430           | Yes                  |

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# Radar Type 4 for 5510 MHz:

Data Sheet for FCC Radar Type 4

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|---------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)          | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5510                | 12                              | 11.1                | 320           | Yes                  |
| 2     | 5510                | 15                              | 17.8                | 375           | Yes                  |
| 3     | 5510                | 14                              | 15.1                | 411           | Yes                  |
| 4     | 5510                | 12                              | 11.7                | 279           | Yes                  |
| 5     | 5510                | 15                              | 17.3                | 431           | Yes                  |
| 6     | 5510                | 13                              | 12.9                | 422           | Yes                  |
| 7     | 5510                | 12                              | 11.4                | 287           | Yes                  |
| 8     | 5510                | 15                              | 18.2                | 444           | Yes                  |
| 9     | 5510                | 14                              | 14.8                | 476           | Yes                  |
| 10    | 5510                | 15                              | 17                  | 426           | Yes                  |
| 11    | 5510                | 14                              | 16.3                | 329           | Yes                  |
| 12    | 5510                | 14                              | 15.7                | 257           | Yes                  |
| 13    | 5510                | 16                              | 19.3                | 216           | Yes                  |
| 14    | 5510                | 14                              | 15.2                | 383           | Yes                  |
| 15    | 5510                | 14                              | 15.6                | 392           | Yes                  |
| 16    | 5510                | 16                              | 19.8                | 410           | Yes                  |
| 17    | 5510                | 15                              | 17.9                | 318           | Yes                  |
| 18    | 5510                | 13                              | 14.3                | 213           | No                   |
| 19    | 5510                | 14                              | 16                  | 405           | Yes                  |
| 20    | 5510                | 13                              | 13.9                | 440           | Yes                  |
| 21    | 5510                | 16                              | 19.5                | 458           | Yes                  |
| 22    | 5510                | 12                              | 11.9                | 486           | Yes                  |
| 23    | 5510                | 15                              | 17.8                | 402           | Yes                  |
| 24    | 5510                | 14                              | 15.1                | 266           | Yes                  |
| 25    | 5510                | 12                              | 11.5                | 395           | Yes                  |
| 26    | 5510                | 12                              | 12.3                | 475           | Yes                  |
| 27    | 5510                | 12                              | 11.6                | 215           | Yes                  |
| 28    | 5510                | 16                              | 19                  | 340           | Yes                  |
| 29    | 5510                | 12                              | 11.7                | 226           | No                   |
| 30    | 5510                | 12                              | 11.5                | 430           | Yes                  |

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## Radar Type 5 for 5510 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5510                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 2                       |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                               |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                               |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                               |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                               |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                               |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                               |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                               |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                               |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                               |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                               |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                               |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                               |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                               |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                               |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 3                     | VSG Frequency(MHz):     |                         | 5510                                      |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5510                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 5                       |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 17                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                               |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                               |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                               |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                               |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                               |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                               |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                               |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                               |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                               |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                               |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                               |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                               |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                               |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 6                       |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 10                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                               |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                               |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                               |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                               |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                              |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                               |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                               |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                               |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                              |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 7                     | VSG Frequency(MHz):     |                         | 5510                                      |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 8                       |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 18                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                               |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                               |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                               |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                               |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                               |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                               |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                               |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                               |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                               |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                               |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                               |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                               |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 10                      |                       | VSG Frequency(MHz):     |                         | 5510                                 |
| Number of Bursts in Trial:      |                                        | 16                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 11                    | VSG Frequency(MHz):     |                         | 5497.4665                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 12                    | VSG Frequency(MHz):     |                         | 5497.0665                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 13                    | VSG Frequency(MHz):     |                         | 5499.4665                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                                    |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                                    |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                     |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                                    |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                                    |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                                    |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                     |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                                    |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                                    |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                                    |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                      |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                                    |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                                    |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                                    |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                                    |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                                    |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                                    |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                                    |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 14                    | VSG Frequency(MHz):     |                         | 5496.6665                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5497.0665                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                                    |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                                    |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                     |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                                    |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                                    |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                                    |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                     |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                                    |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                                    |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                                    |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                      |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                                    |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                                    |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 16                      |                       | VSG Frequency(MHz):     |                         | 5499.8665                                 |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                                    |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                                    |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                                    |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                                    |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                                    |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                                    |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                                    |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                                    |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                                    |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                     |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                                    |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                                    |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                                    |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                     |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                                    |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                                    |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                                    |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                     |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                                    |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5498.6665                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                                    |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                     |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                                    |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                                    |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                                    |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                     |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                                    |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                                    |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                                    |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                      |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                                    |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                                    |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                                    |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                                    |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                                    |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                                    |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 18                      |                       | VSG Frequency(MHz):     |                         | 5495.8665                            |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                               |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                               |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                               |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                               |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                               |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                               |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                               |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                               |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                               |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                               |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                               |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 19                    | VSG Frequency(MHz):     |                         | 5497.0665                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                                    |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                     |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                                    |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                                    |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                                    |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                     |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                                    |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                                    |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                                    |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                     |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                                    |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                                    |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                                    |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                     |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 20                    | VSG Frequency(MHz):     |                         | 5495.8665                                 |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                                    |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                                    |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                                    |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                                    |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                                    |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                                    |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                                    |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                                    |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                                    |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                                    |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                                    |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 21                    | VSG Frequency(MHz):     |                         | 5520.1335                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 22                      |                       | VSG Frequency(MHz):     |                         | 5525.7335                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 23                    | VSG Frequency(MHz):     |                         | 5521.3335                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                                    |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                                    |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                                    |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                                    |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                                    |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                                    |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                                    |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                     |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                                    |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                                    |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                                    |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                     |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                                    |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                                    |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                                    |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                     |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 24                    | VSG Frequency(MHz):     |                         | 5523.3335                                 |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                                    |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                                    |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                     |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                                    |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                                    |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                                    |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                     |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                                    |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                                    |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                                    |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                                    |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                                    |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5526.1335                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 26                      |                       | VSG Frequency(MHz):     |                         | 5525.3335                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 27                    | VSG Frequency(MHz):     |                         | 5525.7335                                 |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 28                    | VSG Frequency(MHz):     |                         | 5520.5335                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                                    |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                     |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                                    |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                                    |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                                    |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                                    |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                                    |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                                    |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                                    |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                                    |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                                    |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                                    |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                                    |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                                    |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                                    |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                                    |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                                    |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                                    |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5525.7335                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5526.1335                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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## Radar Type 6 for 5510 MHz:

Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |

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## Statistical Performance Check: 5530 MHz

| Short Pulse Radar Type       | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
|------------------------------|--------------------------|-------------------|--------------------|----------------------------------------------|-----------|
| 1                            | 30                       | 100               |                    | 60                                           | Pass      |
| 2                            | 30                       | 100               |                    | 60                                           | Pass      |
| 3                            | 30                       | 93.33             |                    | 60                                           | Pass      |
| 4                            | 30                       | 80                |                    | 60                                           | Pass      |
| Aggregate (Radar Types 1-4)  | 120                      | 93.3325           |                    | 80                                           | Pass      |
| Long Pulse Radar Type        | Minimum Number of Trials | Each Detection(%) | Total Detection(%) | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 5                            | Center:10                | 100               | 90                 | 80                                           | Pass      |
|                              | Low Edge:10              | 100               |                    |                                              |           |
|                              | High Edge:10             | 70                |                    |                                              |           |
| Frequency Hopping Radar Type | Minimum Number of Trials | Detection(%)      |                    | Minmum Percentage of Successful Detection(%) | Pass/Fail |
| 6                            | 30                       | 100               |                    | 70                                           | Pass      |

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# Radar Type 1 for 5530 MHz:

## Data Sheet for FCC Radar Type 1

| Trial | VSG Frequency (MHz) | Pulse Repetition Frequency | Pulse Repetition Frequency | PRI  | Test A/B | Successful Detection |
|-------|---------------------|----------------------------|----------------------------|------|----------|----------------------|
|       |                     | Number (1 to 23)           | (Pulses Per Second)        |      |          |                      |
| 1     | 5530                | 8                          | 1519.8                     | 658  | A        | Yes                  |
| 2     | 5530                | 4                          | 1730.1                     | 578  | A        | Yes                  |
| 3     | 5530                | 12                         | 1355                       | 738  | A        | Yes                  |
| 4     | 5530                | 18                         | 1165.5                     | 858  | A        | Yes                  |
| 5     | 5530                | 5                          | 1672.2                     | 598  | A        | Yes                  |
| 6     | 5530                | 1                          | 1930.5                     | 518  | A        | Yes                  |
| 7     | 5530                | 21                         | 1089.3                     | 918  | A        | Yes                  |
| 8     | 5530                | 22                         | 1066.1                     | 938  | A        | Yes                  |
| 9     | 5530                | 3                          | 1792.1                     | 558  | A        | Yes                  |
| 10    | 5530                | 11                         | 1392.8                     | 718  | A        | Yes                  |
| 11    | 5530                | 7                          | 1567.4                     | 638  | A        | Yes                  |
| 12    | 5530                | 15                         | 1253.1                     | 798  | A        | Yes                  |
| 13    | 5530                | 10                         | 1432.7                     | 698  | A        | Yes                  |
| 14    | 5530                | 13                         | 1319.3                     | 758  | A        | Yes                  |
| 15    | 5530                | 23                         | 326.2                      | 3066 | A        | Yes                  |
| 16    | 5530                | -                          | 1032                       | 969  | B        | Yes                  |
| 17    | 5530                | -                          | 401.9                      | 2488 | B        | Yes                  |
| 18    | 5530                | -                          | 363.5                      | 2751 | B        | Yes                  |
| 19    | 5530                | -                          | 403.4                      | 2479 | B        | Yes                  |
| 20    | 5530                | -                          | 520                        | 1923 | B        | Yes                  |
| 21    | 5530                | -                          | 389                        | 2571 | B        | Yes                  |
| 22    | 5530                | -                          | 474.8                      | 2106 | B        | Yes                  |
| 23    | 5530                | -                          | 387.1                      | 2583 | B        | Yes                  |
| 24    | 5530                | -                          | 675.7                      | 1480 | B        | Yes                  |
| 25    | 5530                | -                          | 419.3                      | 2385 | B        | Yes                  |
| 26    | 5530                | -                          | 841                        | 1189 | B        | Yes                  |
| 27    | 5530                | -                          | 544.7                      | 1836 | B        | Yes                  |
| 28    | 5530                | -                          | 357.7                      | 2796 | B        | Yes                  |
| 29    | 5530                | -                          | 332.7                      | 3006 | B        | Yes                  |
| 30    | 5530                | -                          | 1524.4                     | 656  | B        | Yes                  |

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## Radar Type 2 for 5530 MHz:

Data Sheet for FCC Radar Type 2

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (23-29) | Pulse Width (1-5) | PRI (150-230) | Successful Detection |
|-------|---------------------|---------------------------------|-------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)        | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5530                | 25                              | 2.5               | 162           | Yes                  |
| 2     | 5530                | 28                              | 4.1               | 167           | Yes                  |
| 3     | 5530                | 29                              | 4.7               | 224           | Yes                  |
| 4     | 5530                | 25                              | 2.4               | 158           | Yes                  |
| 5     | 5530                | 29                              | 5                 | 230           | Yes                  |
| 6     | 5530                | 28                              | 4.2               | 223           | Yes                  |
| 7     | 5530                | 28                              | 4.3               | 152           | Yes                  |
| 8     | 5530                | 29                              | 4.5               | 222           | Yes                  |
| 9     | 5530                | 24                              | 1.6               | 196           | Yes                  |
| 10    | 5530                | 24                              | 1.8               | 186           | Yes                  |
| 11    | 5530                | 29                              | 4.8               | 194           | Yes                  |
| 12    | 5530                | 24                              | 1.8               | 191           | Yes                  |
| 13    | 5530                | 29                              | 4.5               | 189           | Yes                  |
| 14    | 5530                | 27                              | 3.3               | 164           | Yes                  |
| 15    | 5530                | 25                              | 2.5               | 166           | Yes                  |
| 16    | 5530                | 25                              | 2.6               | 212           | Yes                  |
| 17    | 5530                | 28                              | 4.2               | 204           | Yes                  |
| 18    | 5530                | 24                              | 1.9               | 170           | Yes                  |
| 19    | 5530                | 26                              | 3                 | 221           | Yes                  |
| 20    | 5530                | 29                              | 4.6               | 183           | Yes                  |
| 21    | 5530                | 25                              | 2.2               | 154           | Yes                  |
| 22    | 5530                | 27                              | 3.7               | 178           | Yes                  |
| 23    | 5530                | 27                              | 3.3               | 157           | Yes                  |
| 24    | 5530                | 23                              | 1.2               | 229           | Yes                  |
| 25    | 5530                | 25                              | 2.6               | 202           | Yes                  |
| 26    | 5530                | 27                              | 3.4               | 185           | Yes                  |
| 27    | 5530                | 27                              | 3.4               | 159           | Yes                  |
| 28    | 5530                | 28                              | 4.3               | 207           | Yes                  |
| 29    | 5530                | 24                              | 1.6               | 188           | Yes                  |
| 30    | 5530                | 23                              | 1.1               | 171           | Yes                  |

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### Radar Type 3 for 5530 MHz:

Data Sheet for FCC Radar Type 3

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (16-18) | Pulse Width (6-10) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|--------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)         | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5530                | 17                              | 7.5                | 224           | Yes                  |
| 2     | 5530                | 18                              | 9.1                | 280           | No                   |
| 3     | 5530                | 18                              | 9.7                | 402           | No                   |
| 4     | 5530                | 17                              | 7.4                | 359           | Yes                  |
| 5     | 5530                | 18                              | 10                 | 292           | Yes                  |
| 6     | 5530                | 18                              | 9.2                | 203           | Yes                  |
| 7     | 5530                | 18                              | 9.3                | 287           | Yes                  |
| 8     | 5530                | 18                              | 9.5                | 344           | Yes                  |
| 9     | 5530                | 16                              | 6.6                | 439           | Yes                  |
| 10    | 5530                | 16                              | 6.8                | 222           | Yes                  |
| 11    | 5530                | 18                              | 9.8                | 446           | Yes                  |
| 12    | 5530                | 16                              | 6.8                | 278           | Yes                  |
| 13    | 5530                | 18                              | 9.5                | 494           | Yes                  |
| 14    | 5530                | 17                              | 8.3                | 338           | Yes                  |
| 15    | 5530                | 17                              | 7.5                | 228           | Yes                  |
| 16    | 5530                | 17                              | 7.6                | 267           | Yes                  |
| 17    | 5530                | 18                              | 9.2                | 235           | Yes                  |
| 18    | 5530                | 16                              | 6.9                | 299           | Yes                  |
| 19    | 5530                | 17                              | 8                  | 247           | Yes                  |
| 20    | 5530                | 18                              | 9.6                | 416           | Yes                  |
| 21    | 5530                | 16                              | 7.2                | 237           | Yes                  |
| 22    | 5530                | 18                              | 8.7                | 308           | Yes                  |
| 23    | 5530                | 17                              | 8.3                | 496           | Yes                  |
| 24    | 5530                | 16                              | 6.2                | 274           | Yes                  |
| 25    | 5530                | 17                              | 7.6                | 311           | Yes                  |
| 26    | 5530                | 17                              | 8.4                | 472           | Yes                  |
| 27    | 5530                | 17                              | 8.4                | 453           | Yes                  |
| 28    | 5530                | 18                              | 9.3                | 298           | Yes                  |
| 29    | 5530                | 16                              | 6.6                | 217           | Yes                  |
| 30    | 5530                | 16                              | 6.1                | 488           | Yes                  |

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## Radar Type 4 for 5530 MHz:

Data Sheet for FCC Radar Type 4

| Trial | VSG Frequency (MHz) | Number Pulses per Burst (12-16) | Pulse Width (11-20) | PRI (200-500) | Successful Detection |
|-------|---------------------|---------------------------------|---------------------|---------------|----------------------|
|       |                     |                                 | ( $\mu$ s)          | ( $\mu$ s)    | (Yes/No)             |
| 1     | 5530                | 12                              | 11.1                | 320           | Yes                  |
| 2     | 5530                | 15                              | 17.8                | 375           | Yes                  |
| 3     | 5530                | 14                              | 15.1                | 411           | Yes                  |
| 4     | 5530                | 12                              | 11.7                | 279           | Yes                  |
| 5     | 5530                | 15                              | 17.3                | 431           | Yes                  |
| 6     | 5530                | 13                              | 12.9                | 422           | Yes                  |
| 7     | 5530                | 12                              | 11.4                | 287           | Yes                  |
| 8     | 5530                | 15                              | 18.2                | 444           | Yes                  |
| 9     | 5530                | 14                              | 14.8                | 476           | Yes                  |
| 10    | 5530                | 15                              | 17                  | 426           | Yes                  |
| 11    | 5530                | 14                              | 16.3                | 329           | Yes                  |
| 12    | 5530                | 14                              | 15.7                | 257           | Yes                  |
| 13    | 5530                | 16                              | 19.3                | 216           | Yes                  |
| 14    | 5530                | 14                              | 15.2                | 383           | No                   |
| 15    | 5530                | 14                              | 15.6                | 392           | Yes                  |
| 16    | 5530                | 16                              | 19.8                | 410           | No                   |
| 17    | 5530                | 15                              | 17.9                | 318           | Yes                  |
| 18    | 5530                | 13                              | 14.3                | 213           | No                   |
| 19    | 5530                | 14                              | 16                  | 405           | Yes                  |
| 20    | 5530                | 13                              | 13.9                | 440           | No                   |
| 21    | 5530                | 16                              | 19.5                | 458           | No                   |
| 22    | 5530                | 12                              | 11.9                | 486           | Yes                  |
| 23    | 5530                | 15                              | 17.8                | 402           | Yes                  |
| 24    | 5530                | 14                              | 15.1                | 266           | Yes                  |
| 25    | 5530                | 12                              | 11.5                | 395           | Yes                  |
| 26    | 5530                | 12                              | 12.3                | 475           | Yes                  |
| 27    | 5530                | 12                              | 11.6                | 215           | Yes                  |
| 28    | 5530                | 16                              | 19                  | 340           | Yes                  |
| 29    | 5530                | 12                              | 11.7                | 226           | No                   |
| 30    | 5530                | 12                              | 11.5                | 430           | Yes                  |

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# Radar Type 5 for 5530 MHz:

| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 1                       |                       | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50.8                    | 5                     |                         |                         | 387497                                    |
| 2                               | 3                                      | 87.6                    | 5                     | 1513.4                  | 1219.4                  | 749506                                    |
| 3                               | 2                                      | 72.6                    | 5                     | 1718.4                  |                         | 1112827                                   |
| 4                               | 1                                      | 54.3                    | 5                     |                         |                         | 1478025                                   |
| 5                               | 3                                      | 84.7                    | 5                     | 1149.3                  | 1141.3                  | 342269                                    |
| 6                               | 1                                      | 60.7                    | 5                     |                         |                         | 706443                                    |
| 7                               | 1                                      | 52.2                    | 5                     |                         |                         | 1069703                                   |
| 8                               | 3                                      | 89.8                    | 5                     | 976.2                   | 1851.2                  | 1430155                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 2                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.1                    | 17                    | 1710.9                  |                         | 139758                                    |
| 2                               | 2                                      | 83.2                    | 17                    | 1723.8                  |                         | 310097                                    |
| 3                               | 2                                      | 79.3                    | 17                    | 1484.7                  |                         | 480502                                    |
| 4                               | 2                                      | 76.2                    | 17                    | 1509.8                  |                         | 651053                                    |
| 5                               | 3                                      | 96.2                    | 17                    | 1085.8                  | 1510.8                  | 118657                                    |
| 6                               | 2                                      | 73.4                    | 17                    | 1313.6                  |                         | 289387                                    |
| 7                               | 2                                      | 75.7                    | 17                    | 1783.3                  |                         | 459787                                    |
| 8                               | 3                                      | 98.6                    | 17                    | 1309.4                  | 1337.4                  | 628725                                    |
| 9                               | 3                                      | 88.2                    | 17                    | 1792.8                  | 1457.8                  | 97620                                     |
| 10                              | 2                                      | 68.2                    | 17                    | 1775.8                  |                         | 268107                                    |
| 11                              | 2                                      | 78                      | 17                    | 1034                    |                         | 438731                                    |
| 12                              | 1                                      | 66.3                    | 17                    |                         |                         | 610642                                    |
| 13                              | 3                                      | 97                      | 17                    | 1305                    | 1335                    | 76641                                     |
| 14                              | 1                                      | 54.9                    | 17                    |                         |                         | 247679                                    |
| 15                              | 3                                      | 87.9                    | 17                    | 1680.1                  | 1551.1                  | 416855                                    |
| 16                              | 2                                      | 72.8                    | 17                    | 1390.2                  |                         | 588357                                    |
| 17                              | 1                                      | 52.9                    | 17                    |                         |                         | 55929                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 3                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.4                    | 12                    |                         |                         | 296867                                    |
| 2                               | 1                                      | 53.7                    | 12                    |                         |                         | 520221                                    |
| 3                               | 3                                      | 94.3                    | 12                    | 1903.7                  | 1524.7                  | 741017                                    |
| 4                               | 1                                      | 54.1                    | 12                    |                         |                         | 45671                                     |
| 5                               | 1                                      | 52.8                    | 12                    |                         |                         | 269302                                    |
| 6                               | 2                                      | 73.4                    | 12                    | 1536.6                  |                         | 491799                                    |
| 7                               | 3                                      | 87.5                    | 12                    | 1175.5                  | 1289.5                  | 714443                                    |
| 8                               | 2                                      | 71.8                    | 12                    | 1912.2                  |                         | 18091                                     |
| 9                               | 3                                      | 85.4                    | 12                    | 1101.6                  | 1309.6                  | 240878                                    |
| 10                              | 1                                      | 58.6                    | 12                    |                         |                         | 465342                                    |
| 11                              | 3                                      | 86.7                    | 12                    | 1608.3                  | 1602.3                  | 686185                                    |
| 12                              | 1                                      | 65.3                    | 12                    |                         |                         | 912264                                    |
| 13                              | 3                                      | 90.3                    | 12                    | 1316.7                  | 1669.7                  | 213431                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 4                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.2                    | 6                     |                         |                         | 632635                                    |
| 2                               | 2                                      | 73.2                    | 6                     | 1723.8                  |                         | 954155                                    |
| 3                               | 3                                      | 97.7                    | 6                     | 1824.3                  | 1618.3                  | 1274837                                   |
| 4                               | 2                                      | 71.7                    | 6                     | 1583.3                  |                         | 269389                                    |
| 5                               | 2                                      | 74                      | 6                     | 1188                    |                         | 592244                                    |
| 6                               | 1                                      | 59.9                    | 6                     |                         |                         | 915980                                    |
| 7                               | 1                                      | 52.7                    | 6                     |                         |                         | 1238473                                   |
| 8                               | 1                                      | 60.4                    | 6                     |                         |                         | 229841                                    |
| 9                               | 2                                      | 67                      | 6                     | 1690                    |                         | 552182                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 5                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 57.8                    | 16                    |                         |                         | 463489                                    |
| 2                               | 2                                      | 72.6                    | 16                    | 1205.4                  |                         | 633090                                    |
| 3                               | 1                                      | 64.5                    | 16                    |                         |                         | 100499                                    |
| 4                               | 3                                      | 89.7                    | 16                    | 993.3                   | 1362.3                  | 270194                                    |
| 5                               | 3                                      | 83.4                    | 16                    | 1789.6                  | 1627.6                  | 440061                                    |
| 6                               | 1                                      | 54.2                    | 16                    |                         |                         | 613410                                    |
| 7                               | 3                                      | 100                     | 16                    | 1460                    | 1358                    | 79170                                     |
| 8                               | 1                                      | 55                      | 16                    |                         |                         | 250320                                    |
| 9                               | 3                                      | 95.9                    | 16                    | 1135.1                  | 1198.1                  | 419583                                    |
| 10                              | 3                                      | 99.8                    | 16                    | 1816.2                  | 1381.2                  | 588842                                    |
| 11                              | 3                                      | 99.8                    | 16                    | 1078.2                  | 1135.2                  | 58212                                     |
| 12                              | 1                                      | 51.4                    | 16                    |                         |                         | 229363                                    |
| 13                              | 2                                      | 77.3                    | 16                    | 1479.7                  |                         | 399398                                    |
| 14                              | 1                                      | 57                      | 16                    |                         |                         | 570901                                    |
| 15                              | 1                                      | 58                      | 16                    |                         |                         | 37390                                     |
| 16                              | 3                                      | 85.6                    | 16                    | 1303.4                  | 1005.4                  | 207641                                    |
| 17                              | 2                                      | 68.2                    | 16                    | 1276.8                  |                         | 378327                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 6                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 10                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 59.8                    | 8                     |                         |                         | 935803                                    |
| 2                               | 3                                      | 91.9                    | 8                     | 913.1                   | 962.1                   | 27777                                     |
| 3                               | 1                                      | 54.4                    | 8                     |                         |                         | 318593                                    |
| 4                               | 1                                      | 60.7                    | 8                     |                         |                         | 609022                                    |
| 5                               | 1                                      | 64.8                    | 8                     |                         |                         | 899614                                    |
| 6                               | 3                                      | 89                      | 8                     | 1777                    | 1258                    | 1187136                                   |
| 7                               | 2                                      | 83.2                    | 8                     | 1013.8                  |                         | 282427                                    |
| 8                               | 3                                      | 97.9                    | 8                     | 1519.1                  | 1735.1                  | 571887                                    |
| 9                               | 1                                      | 51.9                    | 8                     |                         |                         | 864300                                    |
| 10                              | 1                                      | 54.7                    | 8                     |                         |                         | 1154717                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 7                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 68.6                    | 5                     | 1458.4                  |                         | 308319                                    |
| 2                               | 2                                      | 75.3                    | 5                     | 995.7                   |                         | 671643                                    |
| 3                               | 2                                      | 81                      | 5                     | 1202                    |                         | 1034927                                   |
| 4                               | 2                                      | 77.9                    | 5                     | 1909.1                  |                         | 1397297                                   |
| 5                               | 2                                      | 70                      | 5                     | 1320                    |                         | 263648                                    |
| 6                               | 3                                      | 92.6                    | 5                     | 922.4                   | 1382.4                  | 626217                                    |
| 7                               | 3                                      | 90.4                    | 5                     | 1679.6                  | 1456.6                  | 988321                                    |
| 8                               | 3                                      | 95.9                    | 5                     | 1584.1                  | 1344.1                  | 1351574                                   |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 8                     | VSG Frequency(MHz):     |                         | 5530                                      |
| Number of Bursts in Trial:      |                                        |                         | 18                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 71.6                    | 17                    | 1302.4                  |                         | 97079                                     |
| 2                               | 3                                      | 89.7                    | 17                    | 1412.3                  | 1364.3                  | 257628                                    |
| 3                               | 1                                      | 63.2                    | 17                    |                         |                         | 420227                                    |
| 4                               | 3                                      | 90.1                    | 17                    | 1173.9                  | 1115.9                  | 578695                                    |
| 5                               | 2                                      | 83.2                    | 17                    | 1432.8                  |                         | 77194                                     |
| 6                               | 2                                      | 71.8                    | 17                    | 954.2                   |                         | 238534                                    |
| 7                               | 2                                      | 80.4                    | 17                    | 1392.6                  |                         | 399097                                    |
| 8                               | 1                                      | 62.7                    | 17                    |                         |                         | 561122                                    |
| 9                               | 3                                      | 87                      | 17                    | 1650                    | 1706                    | 57260                                     |
| 10                              | 1                                      | 65.5                    | 17                    |                         |                         | 218745                                    |
| 11                              | 3                                      | 88.9                    | 17                    | 1785.1                  | 1493.1                  | 378364                                    |
| 12                              | 3                                      | 89                      | 17                    | 1619                    | 1317                    | 538809                                    |
| 13                              | 1                                      | 66.2                    | 17                    |                         |                         | 37668                                     |
| 14                              | 3                                      | 89.7                    | 17                    | 1356.3                  | 1738.3                  | 197913                                    |
| 15                              | 3                                      | 86.1                    | 17                    | 1535.9                  | 1224.9                  | 358895                                    |
| 16                              | 1                                      | 55.7                    | 17                    |                         |                         | 521598                                    |
| 17                              | 1                                      | 50.1                    | 17                    |                         |                         | 17804                                     |
| 18                              | 1                                      | 60.9                    | 17                    |                         |                         | 179065                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 9                       |                       | VSG Frequency(MHz):     |                         | 5530                                 |
| Number of Bursts in Trial:      |                                        | 13                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 55.9                    | 11                    |                         |                         | 471900                               |
| 2                               | 1                                      | 56.3                    | 11                    |                         |                         | 694839                               |
| 3                               | 3                                      | 93                      | 11                    | 1063                    | 1904                    | 915738                               |
| 4                               | 3                                      | 83.7                    | 11                    | 1310.3                  | 1825.3                  | 219909                               |
| 5                               | 2                                      | 81.3                    | 11                    | 1421.7                  |                         | 443290                               |
| 6                               | 3                                      | 91.9                    | 11                    | 1245.1                  | 1669.1                  | 665345                               |
| 7                               | 2                                      | 81.4                    | 11                    | 1452.6                  |                         | 890046                               |
| 8                               | 3                                      | 99.5                    | 11                    | 1727.5                  | 1219.5                  | 192366                               |
| 9                               | 2                                      | 81.3                    | 11                    | 1425.7                  |                         | 415713                               |
| 10                              | 2                                      | 79.7                    | 11                    | 1247.3                  |                         | 639086                               |
| 11                              | 1                                      | 64.9                    | 11                    |                         |                         | 863321                               |
| 12                              | 2                                      | 71.8                    | 11                    | 1586.2                  |                         | 165247                               |
| 13                              | 2                                      | 79.8                    | 11                    | 1124.2                  |                         | 388424                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                      |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|--------------------------------------|
| Trial Number:                   |                                        | 10                      |                       | VSG Frequency(MHz):     |                         | 5530                                 |
| Number of Bursts in Trial:      |                                        | 16                      |                       | Successful Detection:   |                         | Yes                                  |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Location<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                         |
| 1                               | 1                                      | 58.9                    | 15                    |                         |                         | 497502                               |
| 2                               | 3                                      | 86.9                    | 15                    | 1533.1                  | 1833.1                  | 675605                               |
| 3                               | 1                                      | 61.1                    | 15                    |                         |                         | 112164                               |
| 4                               | 3                                      | 86.4                    | 15                    | 978.6                   | 1500.6                  | 292582                               |
| 5                               | 3                                      | 96                      | 15                    | 1656                    | 1638                    | 472855                               |
| 6                               | 1                                      | 55                      | 15                    |                         |                         | 656339                               |
| 7                               | 2                                      | 69.7                    | 15                    | 1421.3                  |                         | 89576                                |
| 8                               | 1                                      | 58.6                    | 15                    |                         |                         | 271345                               |
| 9                               | 2                                      | 82.6                    | 15                    | 1356.4                  |                         | 452037                               |
| 10                              | 2                                      | 80.3                    | 15                    | 1187.7                  |                         | 633546                               |
| 11                              | 1                                      | 52                      | 15                    |                         |                         | 67407                                |
| 12                              | 1                                      | 52                      | 15                    |                         |                         | 248798                               |
| 13                              | 2                                      | 67.6                    | 15                    | 1094.4                  |                         | 429701                               |
| 14                              | 1                                      | 58.9                    | 15                    |                         |                         | 611785                               |
| 15                              | 1                                      | 63                      | 15                    |                         |                         | 45019                                |
| 16                              | 3                                      | 88.6                    | 15                    | 1147.4                  | 1047.4                  | 225939                               |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 11                    | VSG Frequency(MHz):     |                         | 5497.7315                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79                      | 14                    | 1793                    |                         | 434083                                    |
| 2                               | 3                                      | 89.2                    | 14                    | 1588.8                  | 1379.8                  | 626513                                    |
| 3                               | 2                                      | 75.2                    | 14                    | 1586.8                  |                         | 24126                                     |
| 4                               | 2                                      | 77.7                    | 14                    | 1283.3                  |                         | 217529                                    |
| 5                               | 1                                      | 59                      | 14                    |                         |                         | 411565                                    |
| 6                               | 3                                      | 86.6                    | 14                    | 1064.4                  | 1333.4                  | 603052                                    |
| 7                               | 3                                      | 84.1                    | 14                    | 1680.9                  | 1039.9                  | 329                                       |
| 8                               | 1                                      | 52.9                    | 14                    |                         |                         | 194062                                    |
| 9                               | 3                                      | 88                      | 14                    | 1564                    | 1443                    | 386007                                    |
| 10                              | 1                                      | 58.3                    | 14                    |                         |                         | 581474                                    |
| 11                              | 2                                      | 71.3                    | 14                    | 1757.7                  |                         | 773641                                    |
| 12                              | 1                                      | 58.6                    | 14                    |                         |                         | 170231                                    |
| 13                              | 3                                      | 83.8                    | 14                    | 1486.2                  | 997.2                   | 362450                                    |
| 14                              | 3                                      | 90.5                    | 14                    | 1810.5                  | 1862.5                  | 554607                                    |
| 15                              | 1                                      | 50.7                    | 14                    |                         |                         | 751200                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 12                    | VSG Frequency(MHz):     |                         | 5497.3315                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 97.9                    | 13                    | 937.1                   | 1401.1                  | 156269                                    |
| 2                               | 1                                      | 65.1                    | 13                    |                         |                         | 364373                                    |
| 3                               | 3                                      | 85.8                    | 13                    | 1407.2                  | 1410.2                  | 569469                                    |
| 4                               | 2                                      | 80                      | 13                    | 1798                    |                         | 777835                                    |
| 5                               | 1                                      | 52                      | 13                    |                         |                         | 131185                                    |
| 6                               | 1                                      | 55.1                    | 13                    |                         |                         | 338749                                    |
| 7                               | 1                                      | 53.2                    | 13                    |                         |                         | 545977                                    |
| 8                               | 3                                      | 90.2                    | 13                    | 1773.8                  | 1064.8                  | 750920                                    |
| 9                               | 1                                      | 50.7                    | 13                    |                         |                         | 105650                                    |
| 10                              | 2                                      | 80.4                    | 13                    | 1026.6                  |                         | 312711                                    |
| 11                              | 1                                      | 52.3                    | 13                    |                         |                         | 520617                                    |
| 12                              | 2                                      | 73.4                    | 13                    | 1254.6                  |                         | 726801                                    |
| 13                              | 2                                      | 76                      | 13                    | 1038                    |                         | 79992                                     |
| 14                              | 3                                      | 91                      | 13                    | 1053                    | 1387                    | 286683                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 13                    | VSG Frequency(MHz):     |                         | 5499.7315                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 81.7                    | 19                    | 1397.3                  |                         | 363735                                    |
| 2                               | 1                                      | 63.7                    | 19                    |                         |                         | 517509                                    |
| 3                               | 2                                      | 82.9                    | 19                    | 1842.1                  |                         | 40013                                     |
| 4                               | 2                                      | 68.3                    | 19                    | 1603.7                  |                         | 192571                                    |
| 5                               | 1                                      | 60.9                    | 19                    |                         |                         | 345898                                    |
| 6                               | 1                                      | 52.3                    | 19                    |                         |                         | 498708                                    |
| 7                               | 3                                      | 90.5                    | 19                    | 1342.5                  | 1442.5                  | 21215                                     |
| 8                               | 3                                      | 89.7                    | 19                    | 1891.3                  | 1200.3                  | 173140                                    |
| 9                               | 3                                      | 94.2                    | 19                    | 944.8                   | 1004.8                  | 326085                                    |
| 10                              | 2                                      | 70.7                    | 19                    | 1113.3                  |                         | 478705                                    |
| 11                              | 2                                      | 72.4                    | 19                    | 1562.6                  |                         | 2484                                      |
| 12                              | 1                                      | 52.7                    | 19                    |                         |                         | 155187                                    |
| 13                              | 1                                      | 58.2                    | 19                    |                         |                         | 307927                                    |
| 14                              | 3                                      | 98.5                    | 19                    | 1667.5                  | 1863.5                  | 457856                                    |
| 15                              | 3                                      | 87.7                    | 19                    | 1509.3                  | 1527.3                  | 610669                                    |
| 16                              | 3                                      | 83.7                    | 19                    | 1806.3                  | 1166.3                  | 135765                                    |
| 17                              | 1                                      | 61.1                    | 19                    |                         |                         | 289167                                    |
| 18                              | 2                                      | 74.8                    | 19                    | 1330.2                  |                         | 441293                                    |
| 19                              | 3                                      | 92.1                    | 19                    | 1606.9                  | 1665.9                  | 591713                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 14                    | VSG Frequency(MHz):     |                         | 5496.9315                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 79.6                    | 12                    | 937.4                   |                         | 159559                                    |
| 2                               | 1                                      | 54.1                    | 12                    |                         |                         | 367460                                    |
| 3                               | 3                                      | 86.9                    | 12                    | 1034.1                  | 1161.1                  | 573367                                    |
| 4                               | 2                                      | 81.8                    | 12                    | 1365.2                  |                         | 781365                                    |
| 5                               | 2                                      | 79                      | 12                    | 1592                    |                         | 133903                                    |
| 6                               | 1                                      | 61                      | 12                    |                         |                         | 341596                                    |
| 7                               | 3                                      | 83.4                    | 12                    | 1680.6                  | 1672.6                  | 547004                                    |
| 8                               | 2                                      | 75.7                    | 12                    | 1603.3                  |                         | 755232                                    |
| 9                               | 3                                      | 99.1                    | 12                    | 1452.9                  | 1479.9                  | 108247                                    |
| 10                              | 2                                      | 74.4                    | 12                    | 1780.6                  |                         | 315396                                    |
| 11                              | 3                                      | 97.4                    | 12                    | 1831.6                  | 1861.6                  | 521501                                    |
| 12                              | 1                                      | 56.6                    | 12                    |                         |                         | 731323                                    |
| 13                              | 1                                      | 63.2                    | 12                    |                         |                         | 83112                                     |
| 14                              | 1                                      | 58.1                    | 12                    |                         |                         | 290772                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 15                    | VSG Frequency(MHz):     |                         | 5497.3315                                 |
| Number of Bursts in Trial:      |                                        |                         | 14                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 61.9                    | 13                    |                         |                         | 498157                                    |
| 2                               | 1                                      | 56.2                    | 13                    |                         |                         | 705909                                    |
| 3                               | 3                                      | 94.7                    | 13                    | 1244.3                  | 1763.3                  | 57345                                     |
| 4                               | 3                                      | 88.5                    | 13                    | 1500.5                  | 1270.5                  | 263988                                    |
| 5                               | 3                                      | 90.3                    | 13                    | 1163.7                  | 1058.7                  | 471141                                    |
| 6                               | 2                                      | 72.9                    | 13                    | 1675.1                  |                         | 678816                                    |
| 7                               | 3                                      | 88.2                    | 13                    | 1617.8                  | 1215.8                  | 31865                                     |
| 8                               | 1                                      | 60.2                    | 13                    |                         |                         | 239390                                    |
| 9                               | 1                                      | 58.2                    | 13                    |                         |                         | 447023                                    |
| 10                              | 2                                      | 71                      | 13                    | 1009                    |                         | 653721                                    |
| 11                              | 1                                      | 65                      | 13                    |                         |                         | 6406                                      |
| 12                              | 1                                      | 57.6                    | 13                    |                         |                         | 213871                                    |
| 13                              | 3                                      | 99.3                    | 13                    | 1617.7                  | 1258.7                  | 420153                                    |
| 14                              | 3                                      | 97                      | 13                    | 1424                    | 985                     | 627225                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 16                    | VSG Frequency(MHz):     |                         | 5500.1315                                 |
| Number of Bursts in Trial:      |                                        |                         | 20                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 54.8                    | 20                    |                         |                         | 584653                                    |
| 2                               | 1                                      | 52.5                    | 20                    |                         |                         | 131720                                    |
| 3                               | 2                                      | 67.1                    | 20                    | 1505.9                  |                         | 275985                                    |
| 4                               | 2                                      | 69.3                    | 20                    | 1485.7                  |                         | 420752                                    |
| 5                               | 2                                      | 77.5                    | 20                    | 1684.5                  |                         | 565866                                    |
| 6                               | 2                                      | 81.3                    | 20                    | 1730.7                  |                         | 113612                                    |
| 7                               | 3                                      | 96.4                    | 20                    | 1546.6                  | 1739.6                  | 257363                                    |
| 8                               | 3                                      | 86.8                    | 20                    | 1840.2                  | 1114.2                  | 401781                                    |
| 9                               | 3                                      | 94.8                    | 20                    | 1091.2                  | 1181.2                  | 547082                                    |
| 10                              | 2                                      | 81.9                    | 20                    | 1673.1                  |                         | 95669                                     |
| 11                              | 1                                      | 53.8                    | 20                    |                         |                         | 241061                                    |
| 12                              | 1                                      | 57.3                    | 20                    |                         |                         | 386016                                    |
| 13                              | 2                                      | 77.5                    | 20                    | 1199.5                  |                         | 530417                                    |
| 14                              | 2                                      | 76.6                    | 20                    | 1862.4                  |                         | 77887                                     |
| 15                              | 3                                      | 91.4                    | 20                    | 1183.6                  | 1413.6                  | 222332                                    |
| 16                              | 1                                      | 65.2                    | 20                    |                         |                         | 368617                                    |
| 17                              | 3                                      | 96.9                    | 20                    | 1502.1                  | 1176.1                  | 511436                                    |
| 18                              | 1                                      | 64.1                    | 20                    |                         |                         | 60285                                     |
| 19                              | 1                                      | 59.2                    | 20                    |                         |                         | 205280                                    |
| 20                              | 3                                      | 94.7                    | 20                    | 1900.3                  | 1470.3                  | 348748                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 17                    | VSG Frequency(MHz):     |                         | 5498.9315                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 96.3                    | 17                    | 1497.7                  | 1147.7                  | 580964                                    |
| 2                               | 3                                      | 92.2                    | 17                    | 1320.8                  | 1325.8                  | 49631                                     |
| 3                               | 3                                      | 93                      | 17                    | 1856                    | 1616                    | 219686                                    |
| 4                               | 3                                      | 95.2                    | 17                    | 1212.8                  | 1313.8                  | 389823                                    |
| 5                               | 2                                      | 70.8                    | 17                    | 1876.2                  |                         | 560524                                    |
| 6                               | 1                                      | 51.9                    | 17                    |                         |                         | 28822                                     |
| 7                               | 1                                      | 53.9                    | 17                    |                         |                         | 199513                                    |
| 8                               | 2                                      | 69.3                    | 17                    | 968.7                   |                         | 369866                                    |
| 9                               | 3                                      | 96                      | 17                    | 1017                    | 1279                    | 539227                                    |
| 10                              | 1                                      | 65.9                    | 17                    |                         |                         | 7766                                      |
| 11                              | 2                                      | 66.8                    | 17                    | 1447.2                  |                         | 178250                                    |
| 12                              | 2                                      | 71.4                    | 17                    | 1557.6                  |                         | 348796                                    |
| 13                              | 1                                      | 61.7                    | 17                    |                         |                         | 520248                                    |
| 14                              | 3                                      | 86.5                    | 17                    | 1323.5                  | 999.5                   | 689019                                    |
| 15                              | 2                                      | 70.9                    | 17                    | 1215.1                  |                         | 157335                                    |
| 16                              | 3                                      | 96.6                    | 17                    | 1130.4                  | 1515.4                  | 327093                                    |
| 17                              | 1                                      | 57.3                    | 17                    |                         |                         | 499278                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 18                      |                       | VSG Frequency(MHz):     |                         | 5496.1315                                 |
| Number of Bursts in Trial:      |                                        | 12                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 78                      | 10                    | 1502                    |                         | 947940                                    |
| 2                               | 2                                      | 79.1                    | 10                    | 1290.9                  |                         | 193169                                    |
| 3                               | 2                                      | 82                      | 10                    | 1169                    |                         | 435195                                    |
| 4                               | 1                                      | 61.7                    | 10                    |                         |                         | 677689                                    |
| 5                               | 2                                      | 75.2                    | 10                    | 1637.8                  |                         | 917979                                    |
| 6                               | 1                                      | 61.5                    | 10                    |                         |                         | 163761                                    |
| 7                               | 1                                      | 62.8                    | 10                    |                         |                         | 405836                                    |
| 8                               | 3                                      | 84.7                    | 10                    | 1316.3                  | 1914.3                  | 645864                                    |
| 9                               | 2                                      | 82.9                    | 10                    | 1088.1                  |                         | 889298                                    |
| 10                              | 3                                      | 95.4                    | 10                    | 1485.6                  | 1633.6                  | 133381                                    |
| 11                              | 1                                      | 61.5                    | 10                    |                         |                         | 376131                                    |
| 12                              | 2                                      | 68.8                    | 10                    | 1659.2                  |                         | 616825                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 19                    | VSG Frequency(MHz):     |                         | 5497.3315                                 |
| Number of Bursts in Trial:      |                                        |                         | 15                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 93                      | 13                    | 1638                    | 1859                    | 685035                                    |
| 2                               | 2                                      | 74.2                    | 13                    | 1890.8                  |                         | 82980                                     |
| 3                               | 1                                      | 50.9                    | 13                    |                         |                         | 276895                                    |
| 4                               | 3                                      | 98.5                    | 13                    | 1537.5                  | 1793.5                  | 468709                                    |
| 5                               | 1                                      | 54.5                    | 13                    |                         |                         | 664273                                    |
| 6                               | 1                                      | 50.7                    | 13                    |                         |                         | 59342                                     |
| 7                               | 1                                      | 62.7                    | 13                    |                         |                         | 253066                                    |
| 8                               | 1                                      | 59.5                    | 13                    |                         |                         | 446421                                    |
| 9                               | 2                                      | 71.9                    | 13                    | 1180.1                  |                         | 639657                                    |
| 10                              | 3                                      | 98.5                    | 13                    | 1384.5                  | 1257.5                  | 35360                                     |
| 11                              | 2                                      | 75.6                    | 13                    | 1097.4                  |                         | 228927                                    |
| 12                              | 2                                      | 77.3                    | 13                    | 1908.7                  |                         | 421637                                    |
| 13                              | 2                                      | 77.1                    | 13                    | 1025.9                  |                         | 615878                                    |
| 14                              | 3                                      | 90.8                    | 13                    | 1596.2                  | 1873.2                  | 11577                                     |
| 15                              | 2                                      | 78.8                    | 13                    | 1170.2                  |                         | 204885                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 20                    | VSG Frequency(MHz):     |                         | 5496.1315                                 |
| Number of Bursts in Trial:      |                                        |                         | 12                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65                      | 10                    |                         |                         | 499096                                    |
| 2                               | 2                                      | 82.4                    | 10                    | 1549.6                  |                         | 739679                                    |
| 3                               | 3                                      | 95.7                    | 10                    | 926.3                   | 1008.3                  | 980680                                    |
| 4                               | 3                                      | 91.1                    | 10                    | 1376.9                  | 1843.9                  | 226153                                    |
| 5                               | 1                                      | 55.7                    | 10                    |                         |                         | 469113                                    |
| 6                               | 3                                      | 94.9                    | 10                    | 989.1                   | 1032.1                  | 709339                                    |
| 7                               | 1                                      | 57.9                    | 10                    |                         |                         | 953819                                    |
| 8                               | 2                                      | 68.8                    | 10                    | 1604.2                  |                         | 196640                                    |
| 9                               | 3                                      | 85                      | 10                    | 1598                    | 1560                    | 437576                                    |
| 10                              | 2                                      | 77.2                    | 10                    | 1175.8                  |                         | 680223                                    |
| 11                              | 2                                      | 83                      | 10                    | 1377                    |                         | 921794                                    |
| 12                              | 2                                      | 71.1                    | 10                    | 1928.9                  |                         | 166864                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 21                      |                       | VSG Frequency(MHz):     |                         | 5559.8685                                 |
| Number of Bursts in Trial:      |                                        | 20                      |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 2                                      | 80.6                    | 20                    | 1399.4                  |                         | 244591                                    |
| 2                               | 2                                      | 80.2                    | 20                    | 1495.8                  |                         | 389305                                    |
| 3                               | 1                                      | 60.5                    | 20                    |                         |                         | 535564                                    |
| 4                               | 3                                      | 87.9                    | 20                    | 991.1                   | 1177.1                  | 81985                                     |
| 5                               | 1                                      | 56.5                    | 20                    |                         |                         | 227679                                    |
| 6                               | 3                                      | 92.4                    | 20                    | 1206.6                  | 1059.6                  | 370956                                    |
| 7                               | 1                                      | 50.4                    | 20                    |                         |                         | 517557                                    |
| 8                               | 1                                      | 53                      | 20                    |                         |                         | 64506                                     |
| 9                               | 3                                      | 91.8                    | 20                    | 1582.2                  | 1898.2                  | 208294                                    |
| 10                              | 1                                      | 65.8                    | 20                    |                         |                         | 354704                                    |
| 11                              | 2                                      | 73                      | 20                    | 1293                    |                         | 499033                                    |
| 12                              | 1                                      | 57.1                    | 20                    |                         |                         | 46585                                     |
| 13                              | 3                                      | 85.7                    | 20                    | 1877.3                  | 916.3                   | 190652                                    |
| 14                              | 1                                      | 58.2                    | 20                    |                         |                         | 336744                                    |
| 15                              | 3                                      | 87.1                    | 20                    | 1743.9                  | 1642.9                  | 479089                                    |
| 16                              | 3                                      | 85.5                    | 20                    | 1584.5                  | 1357.5                  | 28543                                     |
| 17                              | 2                                      | 79.6                    | 20                    | 1573.4                  |                         | 173365                                    |
| 18                              | 1                                      | 53.5                    | 20                    |                         |                         | 319083                                    |
| 19                              | 1                                      | 54.6                    | 20                    |                         |                         | 463924                                    |
| 20                              | 3                                      | 84.7                    | 20                    | 1377.3                  | 1549.3                  | 10767                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 22                    | VSG Frequency(MHz):     |                         | 5565.4685                                 |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 84.4                    | 6                     | 1370.6                  | 1660.6                  | 346225                                    |
| 2                               | 2                                      | 82.7                    | 6                     | 1853.3                  |                         | 669019                                    |
| 3                               | 3                                      | 97.8                    | 6                     | 1566.2                  | 1542.2                  | 990710                                    |
| 4                               | 1                                      | 52.2                    | 6                     |                         |                         | 1316435                                   |
| 5                               | 3                                      | 87.3                    | 6                     | 1805.7                  | 1153.7                  | 306620                                    |
| 6                               | 1                                      | 54.3                    | 6                     |                         |                         | 630460                                    |
| 7                               | 1                                      | 55.8                    | 6                     |                         |                         | 953309                                    |
| 8                               | 2                                      | 74                      | 6                     | 1831                    |                         | 1274842                                   |
| 9                               | 3                                      | 85                      | 6                     | 1715                    | 978                     | 266942                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 23                    | VSG Frequency(MHz):     |                         | 5561.0685                                 |
| Number of Bursts in Trial:      |                                        |                         | 17                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 17                    |                         |                         | 312281                                    |
| 2                               | 1                                      | 66                      | 17                    |                         |                         | 483407                                    |
| 3                               | 2                                      | 71.2                    | 17                    | 1782.8                  |                         | 652715                                    |
| 4                               | 2                                      | 71.6                    | 17                    | 942.4                   |                         | 120343                                    |
| 5                               | 2                                      | 79.7                    | 17                    | 1134.3                  |                         | 290950                                    |
| 6                               | 2                                      | 82.1                    | 17                    | 1515.9                  |                         | 461186                                    |
| 7                               | 2                                      | 79.3                    | 17                    | 1018.7                  |                         | 632418                                    |
| 8                               | 1                                      | 61.3                    | 17                    |                         |                         | 99405                                     |
| 9                               | 1                                      | 60.5                    | 17                    |                         |                         | 270399                                    |
| 10                              | 2                                      | 69                      | 17                    | 1006                    |                         | 440273                                    |
| 11                              | 3                                      | 84.9                    | 17                    | 1200.1                  | 1382.1                  | 609351                                    |
| 12                              | 2                                      | 76.6                    | 17                    | 924.4                   |                         | 78273                                     |
| 13                              | 3                                      | 87.8                    | 17                    | 1693.2                  | 1655.2                  | 247964                                    |
| 14                              | 3                                      | 87.1                    | 17                    | 1327.9                  | 1768.9                  | 418204                                    |
| 15                              | 3                                      | 99.3                    | 17                    | 990.7                   | 913.7                   | 588824                                    |
| 16                              | 1                                      | 59.4                    | 17                    |                         |                         | 57286                                     |
| 17                              | 3                                      | 88.5                    | 17                    | 1567.5                  | 1275.5                  | 227243                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 24                    | VSG Frequency(MHz):     |                         | 5563.0685                                 |
| Number of Bursts in Trial:      |                                        |                         | 13                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 55.3                    | 12                    |                         |                         | 522127                                    |
| 2                               | 3                                      | 97.6                    | 12                    | 1520.4                  | 1652.4                  | 742586                                    |
| 3                               | 1                                      | 57.8                    | 12                    |                         |                         | 47454                                     |
| 4                               | 2                                      | 72.4                    | 12                    | 976.6                   |                         | 270739                                    |
| 5                               | 3                                      | 89.2                    | 12                    | 1267.8                  | 1322.8                  | 493166                                    |
| 6                               | 2                                      | 81.4                    | 12                    | 1118.6                  |                         | 716891                                    |
| 7                               | 2                                      | 72.6                    | 12                    | 1157.4                  |                         | 19919                                     |
| 8                               | 3                                      | 98.3                    | 12                    | 1158.7                  | 1016.7                  | 242810                                    |
| 9                               | 3                                      | 86.7                    | 12                    | 1126.3                  | 1002.3                  | 465650                                    |
| 10                              | 3                                      | 98                      | 12                    | 1367                    | 1092                    | 688343                                    |
| 11                              | 2                                      | 82.5                    | 12                    | 1002.5                  |                         | 912901                                    |
| 12                              | 1                                      | 58.3                    | 12                    |                         |                         | 216014                                    |
| 13                              | 1                                      | 50.5                    | 12                    |                         |                         | 439635                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 25                      |                       | VSG Frequency(MHz):     |                         | 5565.8685                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 52.1                    | 5                     |                         |                         | 1078184                                   |
| 2                               | 3                                      | 86.6                    | 5                     | 1859.4                  | 1089.4                  | 1438505                                   |
| 3                               | 2                                      | 76.5                    | 5                     | 1102.5                  |                         | 305984                                    |
| 4                               | 2                                      | 68                      | 5                     | 1630                    |                         | 668774                                    |
| 5                               | 3                                      | 86.4                    | 5                     | 1743.6                  | 1454.6                  | 1031085                                   |
| 6                               | 3                                      | 99.9                    | 5                     | 1008.1                  | 930.1                   | 1394462                                   |
| 7                               | 1                                      | 51.8                    | 5                     |                         |                         | 261491                                    |
| 8                               | 3                                      | 85.6                    | 5                     | 1498.4                  | 1656.4                  | 623788                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 26                    | VSG Frequency(MHz):     |                         | 5565.0685                                 |
| Number of Bursts in Trial:      |                                        |                         | 9                     | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 56                      | 7                     |                         |                         | 878766                                    |
| 2                               | 2                                      | 76.2                    | 7                     | 1092.8                  |                         | 1200300                                   |
| 3                               | 1                                      | 57.7                    | 7                     |                         |                         | 192680                                    |
| 4                               | 2                                      | 74.1                    | 7                     | 1079.9                  |                         | 515089                                    |
| 5                               | 2                                      | 69                      | 7                     | 1597                    |                         | 837632                                    |
| 6                               | 3                                      | 84.5                    | 7                     | 1483.5                  | 1772.5                  | 1158393                                   |
| 7                               | 2                                      | 69.7                    | 7                     | 1923.3                  |                         | 152615                                    |
| 8                               | 1                                      | 58.1                    | 7                     |                         |                         | 476055                                    |
| 9                               | 3                                      | 96.7                    | 7                     | 1809.3                  | 1086.3                  | 796868                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 27                    | VSG Frequency(MHz):     |                         | 5565.4685                                 |
| Number of Bursts in Trial:      |                                        |                         | 8                     | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 3                                      | 95.7                    | 6                     | 1285.3                  | 1645.3                  | 1260017                                   |
| 2                               | 3                                      | 98.5                    | 6                     | 1673.5                  | 1504.5                  | 126972                                    |
| 3                               | 3                                      | 92.8                    | 6                     | 1609.2                  | 1181.2                  | 489737                                    |
| 4                               | 3                                      | 98.9                    | 6                     | 1797.1                  | 1036.1                  | 852527                                    |
| 5                               | 3                                      | 99.1                    | 6                     | 1880.9                  | 1866.9                  | 1214525                                   |
| 6                               | 1                                      | 58.2                    | 6                     |                         |                         | 82504                                     |
| 7                               | 1                                      | 66.2                    | 6                     |                         |                         | 445904                                    |
| 8                               | 1                                      | 62.5                    | 6                     |                         |                         | 809293                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        |                         | 28                    | VSG Frequency(MHz):     |                         | 5560.2685                                 |
| Number of Bursts in Trial:      |                                        |                         | 19                    | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 66.1                    | 19                    |                         |                         | 493252                                    |
| 2                               | 3                                      | 84.6                    | 19                    | 1445.4                  | 1489.4                  | 15783                                     |
| 3                               | 3                                      | 98.6                    | 19                    | 1075.4                  | 1753.4                  | 167932                                    |
| 4                               | 2                                      | 73.3                    | 19                    | 1521.7                  |                         | 320584                                    |
| 5                               | 3                                      | 93                      | 19                    | 1055                    | 1003                    | 472880                                    |
| 6                               | 3                                      | 84.1                    | 19                    | 1700.9                  | 1548.9                  | 623706                                    |
| 7                               | 3                                      | 96.9                    | 19                    | 1649.1                  | 1347.1                  | 149079                                    |
| 8                               | 1                                      | 53                      | 19                    |                         |                         | 302797                                    |
| 9                               | 1                                      | 59.9                    | 19                    |                         |                         | 455277                                    |
| 10                              | 2                                      | 66.8                    | 19                    | 1816.2                  |                         | 606699                                    |
| 11                              | 3                                      | 98.4                    | 19                    | 1637.6                  | 1884.6                  | 130356                                    |
| 12                              | 1                                      | 50                      | 19                    |                         |                         | 284040                                    |
| 13                              | 2                                      | 69.7                    | 19                    | 1270.3                  |                         | 435964                                    |
| 14                              | 1                                      | 50.6                    | 19                    |                         |                         | 589083                                    |
| 15                              | 3                                      | 99.5                    | 19                    | 1053.5                  | 1800.5                  | 111728                                    |
| 16                              | 1                                      | 57.5                    | 19                    |                         |                         | 265213                                    |
| 17                              | 1                                      | 52.8                    | 19                    |                         |                         | 417900                                    |
| 18                              | 3                                      | 99.3                    | 19                    | 1411.7                  | 1784.7                  | 567207                                    |
| 19                              | 2                                      | 71.4                    | 19                    | 949.6                   |                         | 93211                                     |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 29                      |                       | VSG Frequency(MHz):     |                         | 5565.4685                                 |
| Number of Bursts in Trial:      |                                        | 9                       |                       | Successful Detection:   |                         | No                                        |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 50                      | 6                     |                         |                         | 520282                                    |
| 2                               | 3                                      | 98.4                    | 6                     | 1227.6                  | 1871.6                  | 841006                                    |
| 3                               | 2                                      | 70.2                    | 6                     | 1654.8                  |                         | 1164551                                   |
| 4                               | 3                                      | 96.9                    | 6                     | 1491.1                  | 1445.1                  | 157201                                    |
| 5                               | 1                                      | 52.9                    | 6                     |                         |                         | 480782                                    |
| 6                               | 3                                      | 90.2                    | 6                     | 1206.8                  | 1590.8                  | 801582                                    |
| 7                               | 3                                      | 90.1                    | 6                     | 1712.9                  | 1102.9                  | 1123823                                   |
| 8                               | 1                                      | 52.3                    | 6                     |                         |                         | 117841                                    |
| 9                               | 3                                      | 84                      | 6                     | 1520                    | 1720                    | 439566                                    |

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| Data Sheet for FCC Radar Type 5 |                                        |                         |                       |                         |                         |                                           |
|---------------------------------|----------------------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------------------------|
| Trial Number:                   |                                        | 30                      |                       | VSG Frequency(MHz):     |                         | 5565.8685                                 |
| Number of Bursts in Trial:      |                                        | 8                       |                       | Successful Detection:   |                         | Yes                                       |
| Burst<br>(8-20)                 | Number<br>Pulses per<br>Burst<br>(1-3) | Pulse Width<br>(50-100) | Chirp Width<br>(5-20) | Pulse 1-to-2<br>Spacing | Pulse 2-to-3<br>Spacing | Starting Loca-<br>tion<br>Within Interval |
|                                 |                                        | ( $\mu$ sec)            | (MHz)                 | ( $\mu$ sec)            | ( $\mu$ sec)            | ( $\mu$ sec)                              |
| 1                               | 1                                      | 65.5                    | 5                     |                         |                         | 859222                                    |
| 2                               | 1                                      | 51.7                    | 5                     |                         |                         | 1222757                                   |
| 3                               | 1                                      | 53.1                    | 5                     |                         |                         | 87783                                     |
| 4                               | 2                                      | 78.3                    | 5                     | 1872.7                  |                         | 450781                                    |
| 5                               | 1                                      | 60.2                    | 5                     |                         |                         | 814435                                    |
| 6                               | 1                                      | 55.4                    | 5                     |                         |                         | 1178125                                   |
| 7                               | 2                                      | 70.2                    | 5                     | 1790.8                  |                         | 42969                                     |
| 8                               | 1                                      | 65.2                    | 5                     |                         |                         | 406559                                    |

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## Radar Type 6 for 5530 MHz:

### Data Sheet for FCC Radar Type 6

| Trial | Pulse Width  | PRI          | Pulses per Hop | Hopping Rate | Hopping Sequence Length | Successful Detection |
|-------|--------------|--------------|----------------|--------------|-------------------------|----------------------|
|       | ( $\mu$ sec) | ( $\mu$ sec) |                | (kHz)        | (msec)                  | (Yes/No)             |
| 1     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 2     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 3     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 4     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 5     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 6     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 7     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 8     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 9     | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 10    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 11    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 12    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 13    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 14    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 15    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 16    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 17    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 18    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 19    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 20    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 21    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 22    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 23    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 24    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 25    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 26    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 27    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 28    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 29    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |
| 30    | 1            | 333          | 9              | 0.333        | 300                     | Yes                  |

~End of Report~

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