



# FCC DFS TEST REPORT

**FCC ID** : UXX-S5A509A  
**Equipment** : E400-5GE-AM, X20-5GE-AM  
**Brand Name** : Ericsson  
**Model Name** : S5A509A  
**Marketing Name** : E400-5GE-AM, X20-5GE-AM  
**Applicant** : Ericsson Enterprise Wireless Solutions, Inc.  
1100 W. Idaho St. Boise, ID 83702  
**Manufacturer** : Ericsson Enterprise Wireless Solutions, Inc.  
1100 W. Idaho St. Boise, ID 83702  
**Standard** : FCC Part 15 Subpart E

The product was received on Jan. 20, 2025 and testing was performed from Jan. 20, 2025 to Jan. 20, 2025. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC Part 15 Subpart E and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Neil Kao

**Sporton International (USA) Inc.**  
1175 Montague Expressway, Milpitas, CA 95035

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## History of this test report

| Report No.   | Version | Description                                                                                              | Issue Date    |
|--------------|---------|----------------------------------------------------------------------------------------------------------|---------------|
| FZ241112001A | 01      | Initial issue of report                                                                                  | Feb. 12, 2025 |
| FZ241112001A | 02      | Revise Section 3.1.2<br>This report is an updated version, replacing the report issued on Feb. 12, 2025. | Feb. 20, 2025 |
|              |         |                                                                                                          |               |
|              |         |                                                                                                          |               |
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|              |         |                                                                                                          |               |
|              |         |                                                                                                          |               |
|              |         |                                                                                                          |               |

## Summary of Test Result

| Report Clause | Ref Std. Clause | Test Items                        | Result (PASS/FAIL) | Remark |
|---------------|-----------------|-----------------------------------|--------------------|--------|
| 3.2           | 7.8.1           | U-NII Detection Bandwidth         | Pass               | -      |
| 3.3           | 7.8.2           | Channel Availability Check Time   | Pass               | -      |
| 3.4           | 7.8.3           | Channel Move Time                 | Pass               | -      |
|               |                 | Channel Closing Transmission Time | Pass               | -      |
|               |                 | Non-Occupancy Period Test         | Pass               | -      |
| 3.5           | 7.8.4           | Statistical Performance Check     | Pass               | -      |

### Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

### Disclaimer:

1. The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.
2. The only difference between X20-5GE-AM and E400-5GE-AM firmware versions are the subscription packages they support. These subscription packages are used to license advanced software features for different market segments. The features that are licensed in the subscription packages are primarily advanced networking features (IPSec, BGP, RIP, STP) and remote diagnostic tools.



# 1 General Description

## 1.1 Feature of Equipment Under Test

| Product Feature                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Specs</b><br>LTE/5G NR, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax/be, Wi-Fi 5GHz 802.11a/n/ac/ax/be, Wi-Fi 6GHz 802.11ax/be and GNSS. |
| <b>Antenna Type</b><br>WLAN:<br><Ant. 1>: PIFA Antenna<br><Ant. 2>: PIFA Antenna                                                      |

**Remark:**

1. All the tests were performed with E400-5GE-AM.
2. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

## 1.2 Testing Facility

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| <b>Test Site</b>          | Sporton International (USA) Inc.                                |
| <b>Test Site Location</b> | 1175 Montague Expressway Milpitas, CA 95035<br>TEL: 408 9043300 |
| <b>Test Site No.</b>      | <b>Sporton Site No.</b><br>DFS01-CA                             |

FCC Designation No.: US1250

## 1.3 Modification of EUT

No modifications are made to the EUT during all test items.

## 1.4 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart E
- ♦ FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02
- ♦ FCC KDB 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

**Remark:** All test items were verified and recorded according to the standards and without any deviation during the test.

## 1.5 Support Unit used in test configuration and system

| Item | Equipment        | Brand Name | Model Name | FCC ID      | HW / FW Version | Power Cord                                                 |
|------|------------------|------------|------------|-------------|-----------------|------------------------------------------------------------|
| 1.   | Notebook         | MSI        | MS-16J5    | PD93165NG   | N/A             | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |
| 2.   | E400-5GE-AM (AP) | Ericsson   | S5A509A    | UXX-S5A509A | v7.25.40        | 1.6 meter, non-shielded cable, w/o ferrite core            |
| 3.   | Notebook         | Apple      | A2338      | BCGA2338    | N/A             | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |
| 4.   | Notebook         | Apple      | A1708      | BCGA1708    | N/A             | AC I/P:<br>Unshielded, 1.2 m<br>DC O/P:<br>Shielded, 1.8 m |

## 2 Requirements and Parameters for DFS Test

### 2.1 Summary of Dynamic Frequency Selection Test

| UNII                       | Description                       | Limit                                                          |
|----------------------------|-----------------------------------|----------------------------------------------------------------|
| U-NII 2-A<br>5250-5350 MHz | Channel Availability Check Time   | > 60sec                                                        |
|                            | U-NII Detection Bandwidth         | > 100% of the U-NII 99% transmission power bandwidth           |
|                            | Statistical Performance Check     | Type 1,2,3,4 >= 60%<br>Type 1~4 and 5 >= 80%<br>Type 6 >= 70%  |
|                            | Channel Move Time                 | < 10 sec                                                       |
|                            | Channel Closing Transmission Time | < 200 ms +<br>aggregate of 60 ms<br>over remaining 10 s period |
|                            | Non-Occupancy Period Test         | > 30 minutes                                                   |
| U-NII 2-C<br>5470-5725 MHz | Channel Availability Check Time   | > 60sec                                                        |
|                            | U-NII Detection Bandwidth         | > 100% of the U-NII 99% transmission power bandwidth           |
|                            | Statistical Performance Check     | Type 1,2,3,4 >= 60%<br>Type 1~4 and 5 >= 80%<br>Type 6 >= 70%  |
|                            | Channel Move Time                 | < 10 sec                                                       |
|                            | Channel Closing Transmission Time | < 200 ms +<br>aggregate of 60 ms<br>over remaining 10 s period |
|                            | Non-Occupancy Period Test         | > 30 minutes                                                   |

## 2.2 Applicability of DFS Requirements

EUT is considered as a master device.

**Table 1: Applicability of DFS Requirements Prior to Use of a Channel**

| Requirement                     | Operational Mode |                                |                             |
|---------------------------------|------------------|--------------------------------|-----------------------------|
|                                 | Master           | Client Without Radar Detection | Client With Radar Detection |
| Non-Occupancy Period            | Yes              | Not required                   | Yes                         |
| DFS Detection Threshold         | Yes              | Not required                   | Yes                         |
| Channel Availability Check Time | Yes              | Not required                   | Not required                |
| U-NII Detection Bandwidth       | Yes              | Not required                   | Yes                         |

**Table 2: Applicability of DFS requirements during normal operation**

| Requirement                       | Operational Mode |                                |                             |
|-----------------------------------|------------------|--------------------------------|-----------------------------|
|                                   | Master           | Client Without Radar Detection | Client With Radar Detection |
| DFS Detection Threshold           | Yes              | Not required                   | Yes                         |
| Channel Closing Transmission Time | Yes              | Yes                            | Yes                         |
| Channel Move Time                 | Yes              | Yes                            | Yes                         |
| U-NII Detection Bandwidth         | Yes              | Not required                   | Yes                         |
| Client Beacon Test                | N/A              | Yes                            | Yes                         |

| Additional requirements for devices with multiple bandwidth modes | Operational Mode                      |                                                      |
|-------------------------------------------------------------------|---------------------------------------|------------------------------------------------------|
|                                                                   | Master or Client With Radar Detection | Client Without Radar Detection                       |
| U-NII Detection Bandwidth and Statistical Performance Check       | All BW modes must be tested           | Not required                                         |
| Channel Move Time and Channel Closing Transmission Time           | Test using widest BW mode available   | Test using the widest BW mode available for the link |
| All other tests                                                   | Any single BW mode                    | Not required                                         |

**Note**

Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

## 2.3 DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

**Table 3: DFS Detection Thresholds for Master Devices**

| Maximum Transmit Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Value (see notes 1, 2, and 3) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| EIRP $\geq$ 200 milliwatt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -64 dBm                       |
| EIRP < 200 milliwatt and<br>power spectral density < 10 dBm/MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -62 dBm                       |
| EIRP < 200 milliwatt that do not meet the power<br>spectral density requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -64 dBm                       |
| <p><b>Note 1:</b> This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p><b>Note 2:</b> Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.</p> <p><b>Note 3:</b> EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p> |                               |

The radar Detection Threshold, lowest antenna gain is the parameter of Interference radar DFS detection threshold, The Interference Detection Threshold is the -64dBm.

## 2.4 DFS Response requirement values

Table 4 provides the response requirements for Master and Client Devices incorporating DFS.

**Table 4: DFS Response Requirement Values**

| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Value                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Non-occupancy period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Minimum 30 minutes                                                                                     |
| Channel Availability Check Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 60 seconds                                                                                             |
| Channel Move Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 seconds See Note 1.                                                                                 |
| Channel Closing Transmission Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. |
| U-NII Detection Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Minimum 100% of the 99% power bandwidth See Note 3.                                                    |
| <p><b>Note 1:</b> Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p><b>Note 2:</b> The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p> <p><b>Note 3:</b> During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.</p> |                                                                                                        |

## 2.5 Short Pulse Radar Test Waveforms

Radar Type 0 was used in the evaluation of the Client device for the purpose of measuring the Channel Move Time and the Channel Closing Transmission Time.

| Radar Type                                                                                                                                  | Pulse Width (μsec) | PRI (μsec)       | Number of Pulses                                                                                                              | Minimum Percentage of Successful Detection | Minimum Trials |
|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------|
| 0                                                                                                                                           | 1                  | 1428             | 18                                                                                                                            | See Note 1.                                | See Note 1.    |
| 1                                                                                                                                           | 1                  | Test A<br>Test B | Roundup $\left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$ | 60%                                        | 30             |
| 2                                                                                                                                           | 1-5                | 150-230          | 23-29                                                                                                                         | 60%                                        | 30             |
| 3                                                                                                                                           | 6-10               | 200-500          | 16-18                                                                                                                         | 60%                                        | 30             |
| 4                                                                                                                                           | 11-20              | 200-500          | 12-16                                                                                                                         | 60%                                        | 30             |
| Aggregate (Radar Types 1-4)                                                                                                                 |                    |                  |                                                                                                                               | 80%                                        | 120            |
| <b>Note 1:</b> Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests. |                    |                  |                                                                                                                               |                                            |                |

Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a

Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.

Table 5a - Pulse Repetition Intervals Values for Test A

| Pulse Repetition<br>Frequency<br>Number (1 to 23) | Pulse Repetition<br>Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) |
|---------------------------------------------------|------------------------------------------------------|------------------------------------------------|
| 1                                                 | 1930.5                                               | 518                                            |
| 2                                                 | 1858.7                                               | 538                                            |
| 3                                                 | 1792.1                                               | 558                                            |
| 4                                                 | 1730.1                                               | 578                                            |
| 5                                                 | 1672.2                                               | 598                                            |
| 6                                                 | 1618.1                                               | 618                                            |
| 7                                                 | 1567.4                                               | 638                                            |
| 8                                                 | 1519.8                                               | 658                                            |
| 9                                                 | 1474.9                                               | 678                                            |
| 10                                                | 1432.7                                               | 698                                            |
| 11                                                | 1392.8                                               | 718                                            |
| 12                                                | 1355.0                                               | 738                                            |
| 13                                                | 1319.3                                               | 758                                            |
| 14                                                | 1285.3                                               | 778                                            |
| 15                                                | 1253.1                                               | 798                                            |
| 16                                                | 1222.5                                               | 818                                            |
| 17                                                | 1193.3                                               | 838                                            |
| 18                                                | 1165.5                                               | 858                                            |
| 19                                                | 1139.0                                               | 878                                            |
| 20                                                | 1113.6                                               | 898                                            |
| 21                                                | 1089.3                                               | 918                                            |
| 22                                                | 1066.1                                               | 938                                            |
| 23                                                | 326.2                                                | 3066                                           |



## 2.6 Long Pulse Radar Test Waveform

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses per Burst | Number of Bursts | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|-------------------|------------|----------------------------|------------------|--------------------------------------------|----------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 80%                                        | 30             |

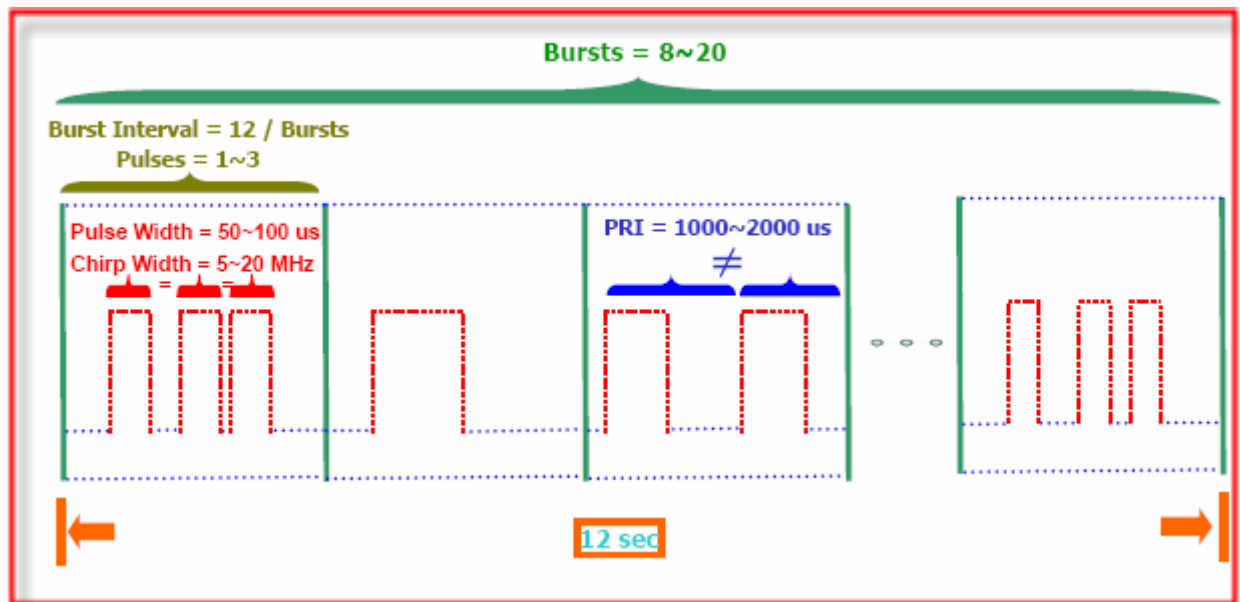
The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse radar test signal. If more than 30 waveforms are used for the Long Pulse radar test signal, then each additional waveform must also be unique and not repeated from the previous waveforms. Each waveform is defined as follows:

Note: The center frequency for each of the 30 trials of the Bin 5 radar shall be randomly selected within 80% of the Occupied Bandwidth.

- (1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
- (2) There are a total of 8 to 20 Bursts in the 12 second period, with the number of Bursts being randomly chosen. This number is Burst\_Count.
- (3) Each Burst consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each Burst within the 12 second sequence may have a different number of pulses.
- (4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a Burst will have the same pulse width. Pulses in different Bursts may have different pulse widths.
- (5) Each pulse has a linear frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a **transmission period** will have the same chirp width. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz
- (6) If more than one pulse is present in a Burst, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a Burst, the time between the first and second pulses is chosen independently of the time between the second and third pulses.
- (7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to Burst\_Count. Each interval is of length  $(12,000,000 / \text{Burst\_Count})$  microseconds. Each interval contains one Burst. The start time for the Burst, relative to the beginning of the interval, is between 1 and  $[(12,000,000 / \text{Burst\_Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$  microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each Burst is chosen independently.

**A representative example of a Long Pulse radar test waveform:**

- (1) The total test signal length is 12 seconds.
- (2) 8 Bursts are randomly generated for the Burst\_Count.
- (3) Burst 1 has 2 randomly generated pulses.
- (4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- (5) The PRI is randomly selected to be at 1213 microseconds.
- (6) Bursts 2 through 8 are generated using steps 3 – 5.
- (7) Each Burst is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, Burst 1 is randomly generated (1 to 1,500,000 minus the total Burst 1 length + 1 random PRI interval) at the 325,001 microsecond step. Bursts 2 through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. Burst 2 falls in the 1,500,001 – 3,000,000 microsecond range).

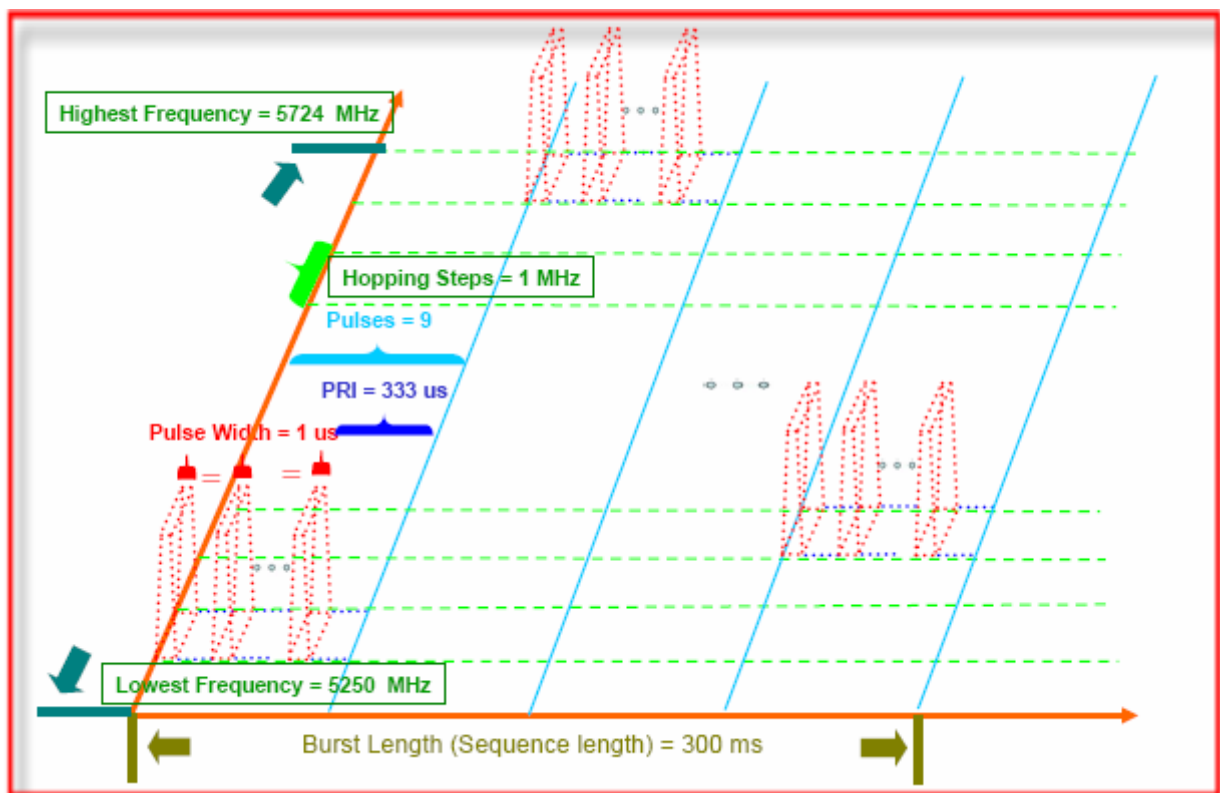


## 2.7 Frequency Hopping Radar Test Waveform

| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|--------------------------------------------|----------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 70%                                        | 30             |

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.



### 3 Calibration Setup and DFS Test Results

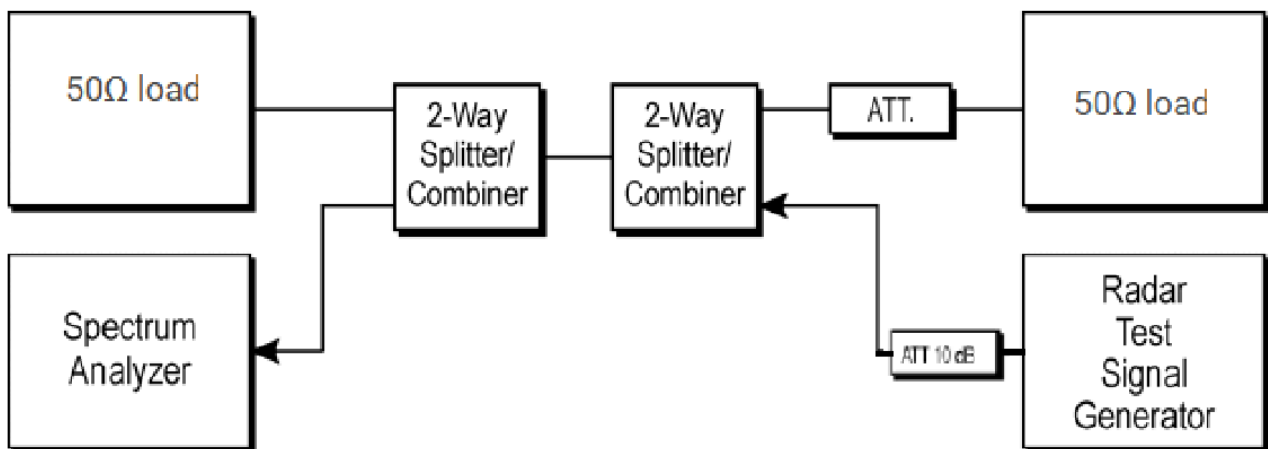
#### 3.1 Calibration of Radar Waveform

##### 3.1.1 Radar Waveform Calibration Procedure

The Interference Radar Detection Threshold Level is -64dBm that had been taken into account the output power range and antenna gain. The following equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for radar type 0~6. During this process there were no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz to measure the radar waveform. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was -64dBm. Capture the spectrum analyzer plots on radar waveform.

| Frequency    | Antenna Gain(dBi) | Detection Threshold(dBm) at Conducted Port |
|--------------|-------------------|--------------------------------------------|
| 5470-5725MHz | 5.2               | -58.8                                      |

##### 3.1.2 Calibration Setup



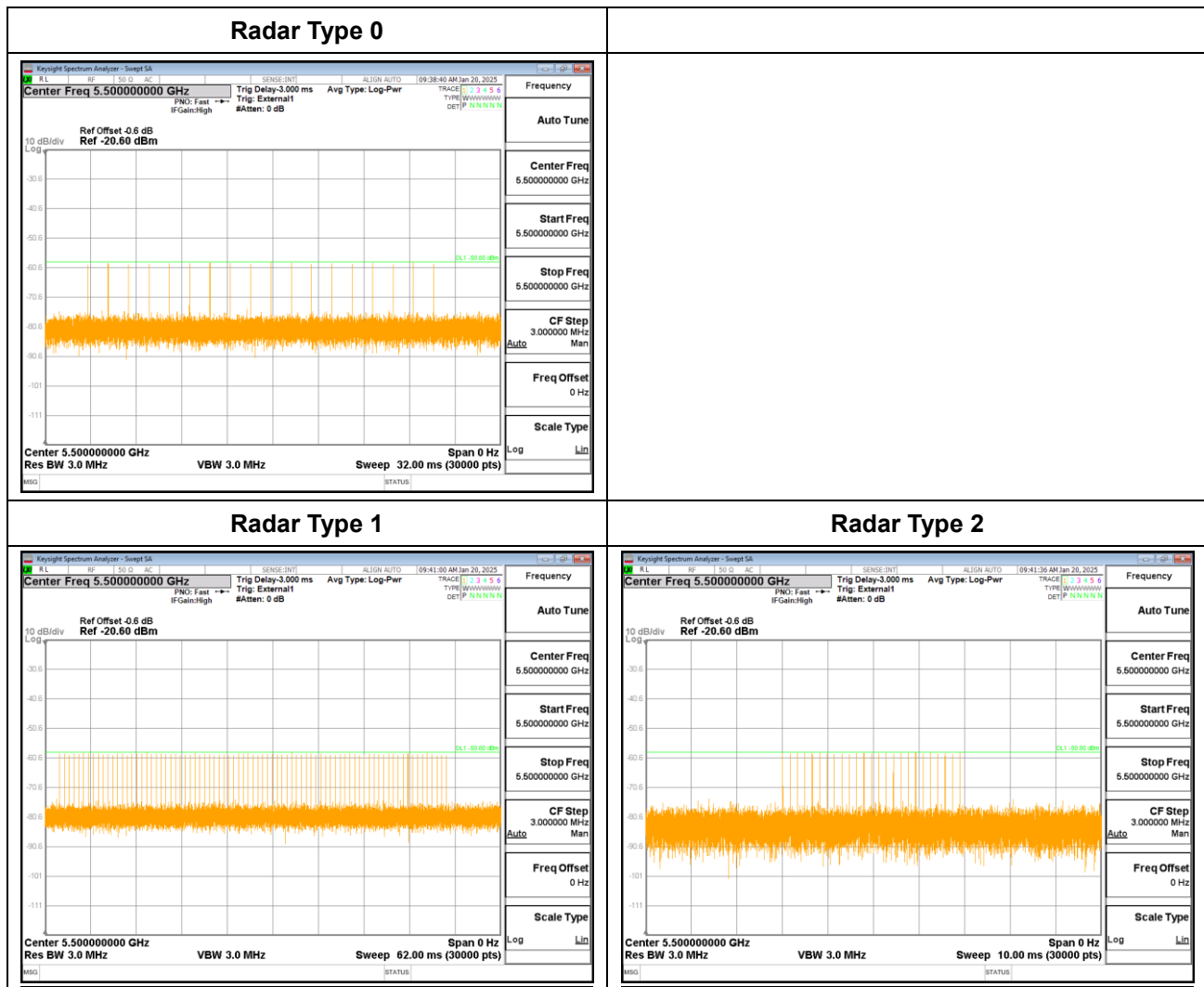
##### 3.1.3 Calibration Deviation

There is no deviation with the original standard.



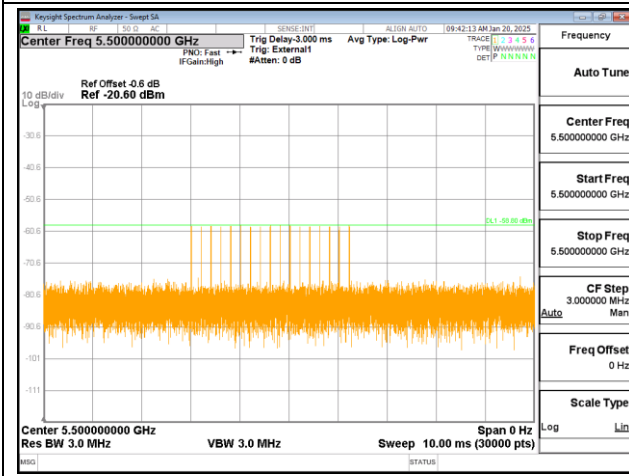
## 3.1.4 Radar Waveform Calibration Result

&lt;20MHz / 5500MHz&gt;

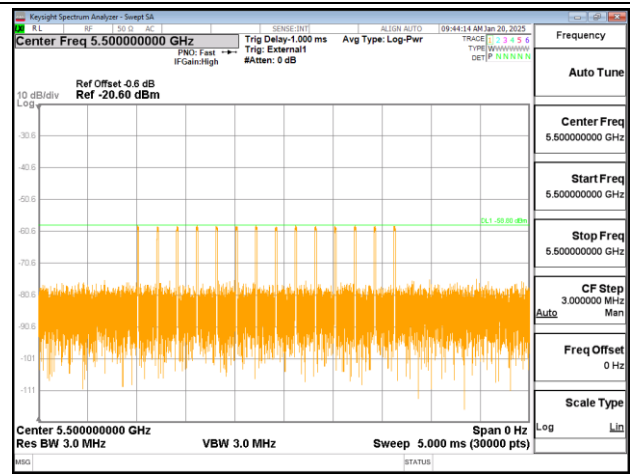




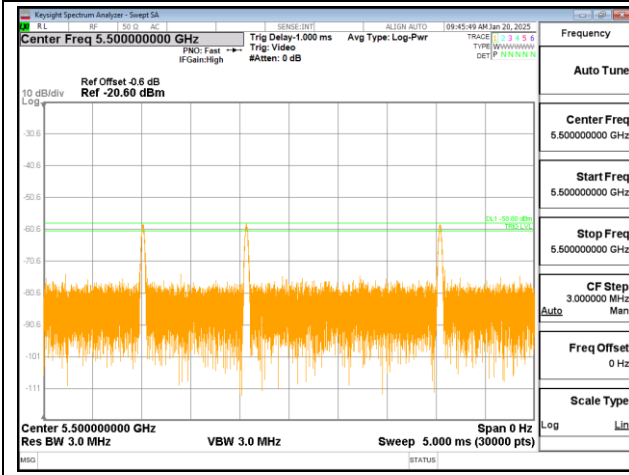
## Radar Type 3



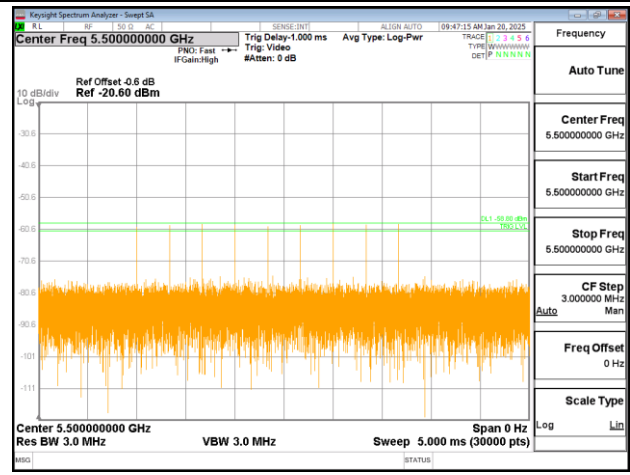
## Radar Type 4



## Single Burst of Radar Type 5



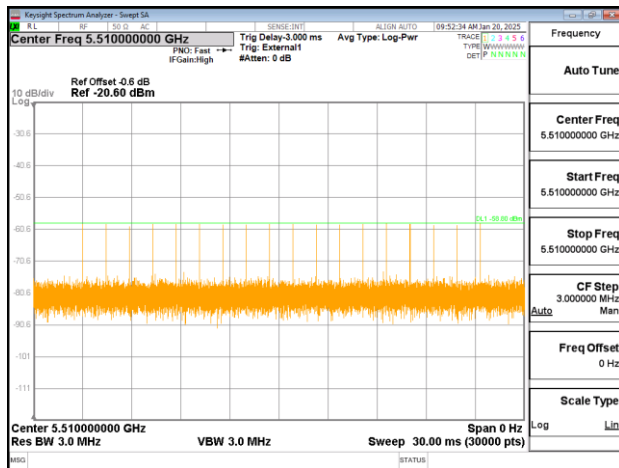
## Single Burst of Radar Type 6



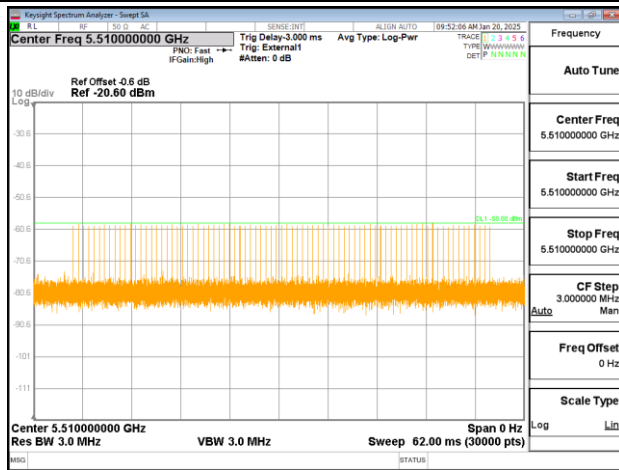


&lt;40MHz / 5510MHz&gt;

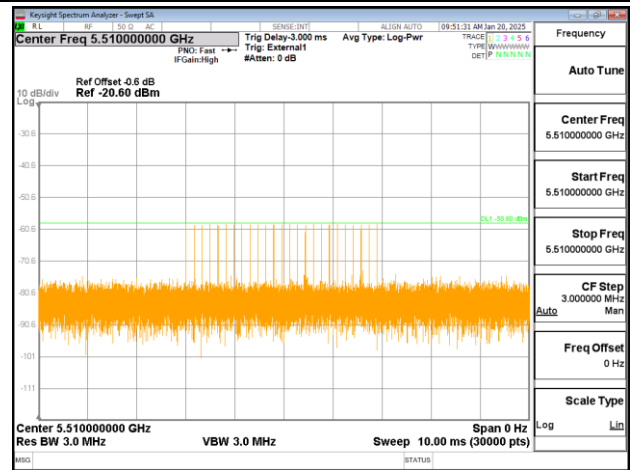
## Radar Type 0



## Radar Type 1

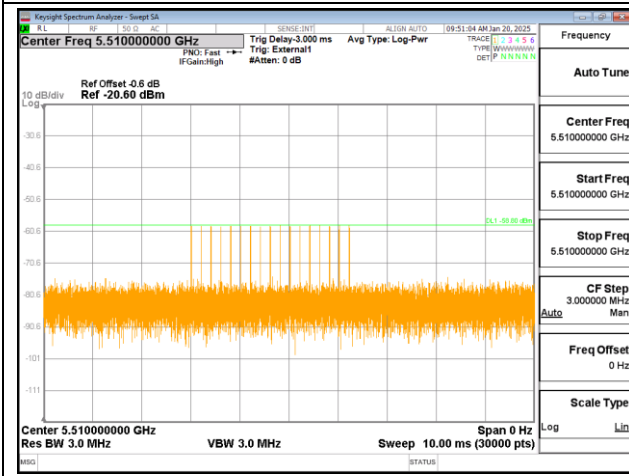


## Radar Type 2

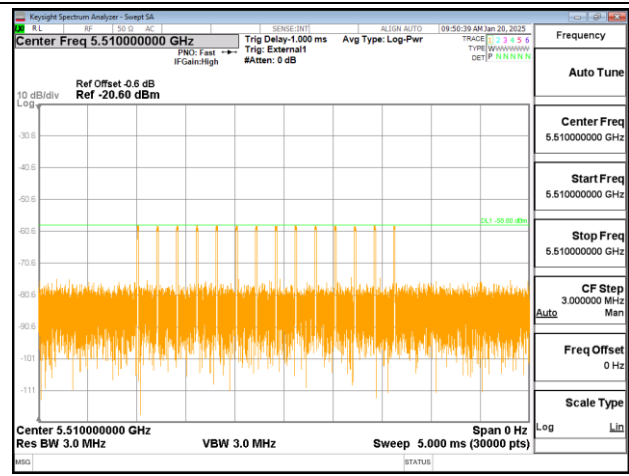




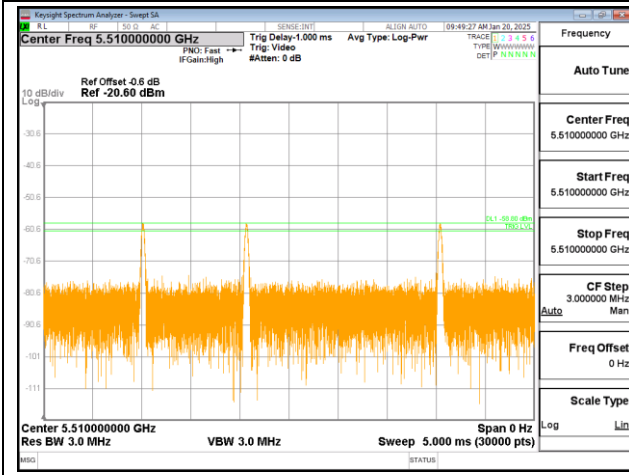
## Radar Type 3



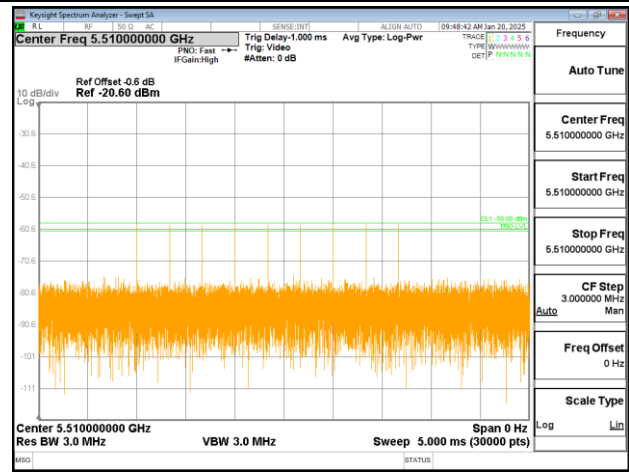
## Radar Type 4



## Single Burst of Radar Type 5



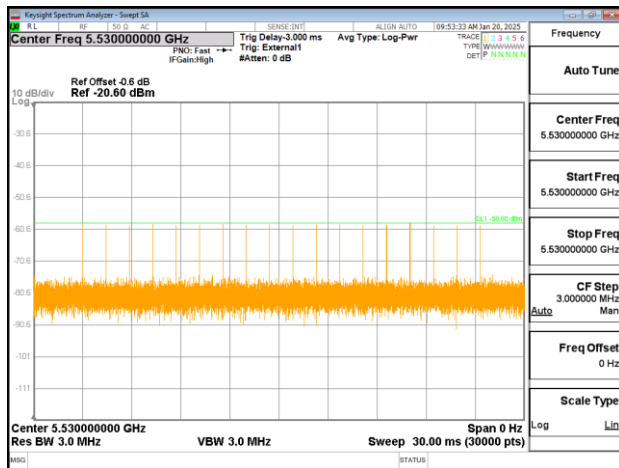
## Single Burst of Radar Type 6



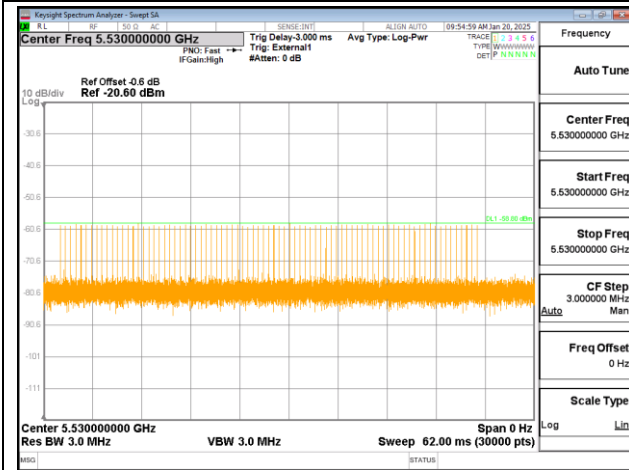


&lt;80MHz / 5530MHz&gt;

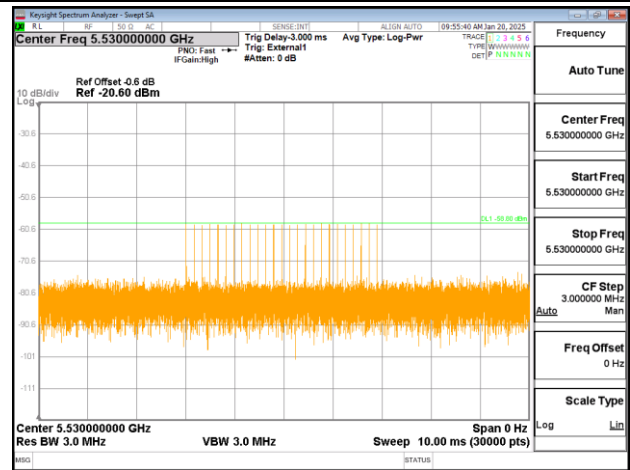
## Radar Type 0



## Radar Type 1

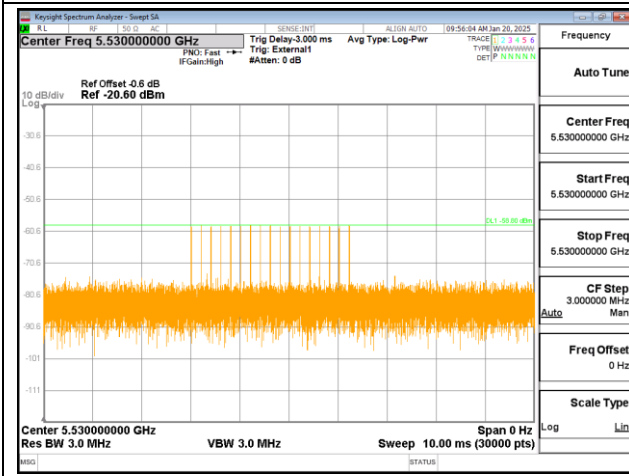


## Radar Type 2

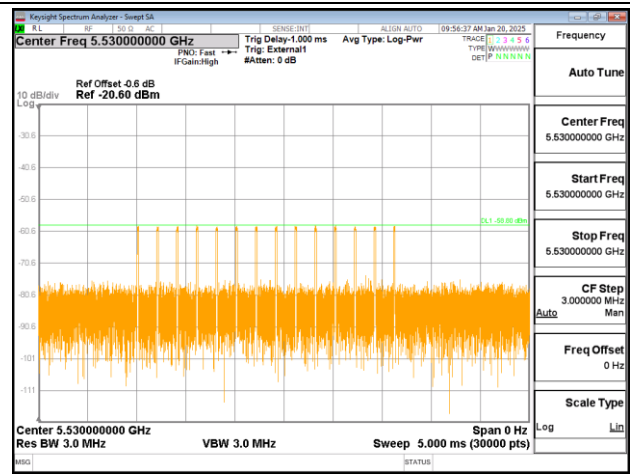




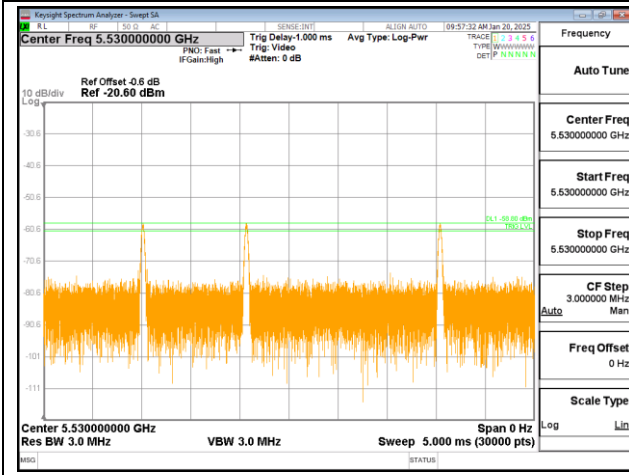
## Radar Type 3



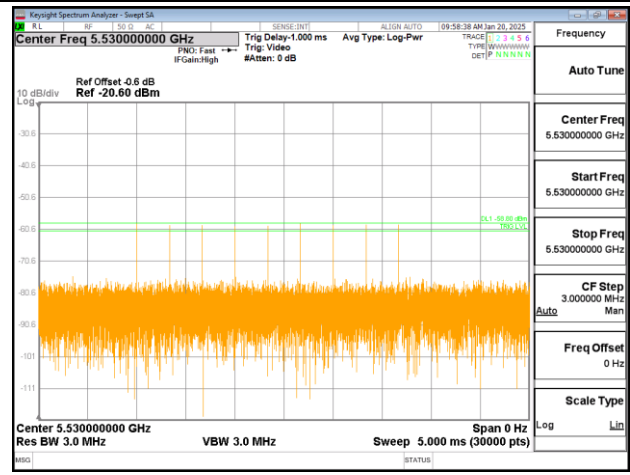
## Radar Type 4



## Single Burst of Radar Type 5



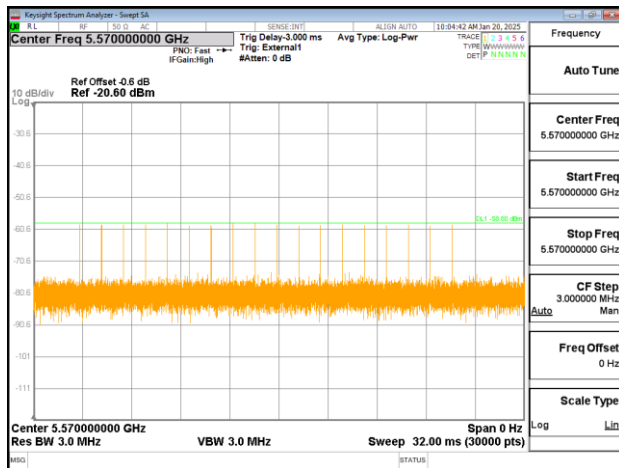
## Single Burst of Radar Type 6



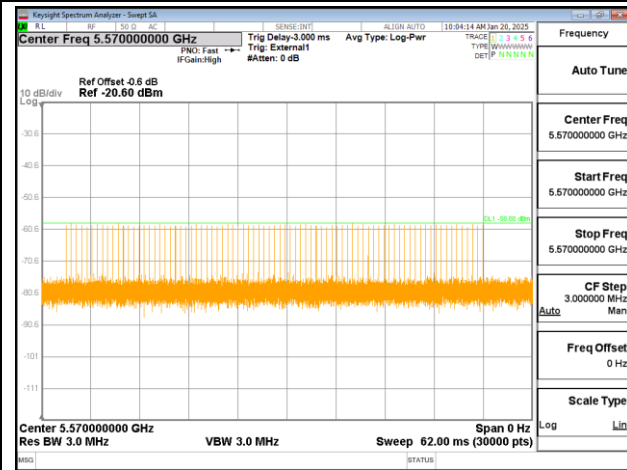


&lt;160MHz / 5570MHz&gt;

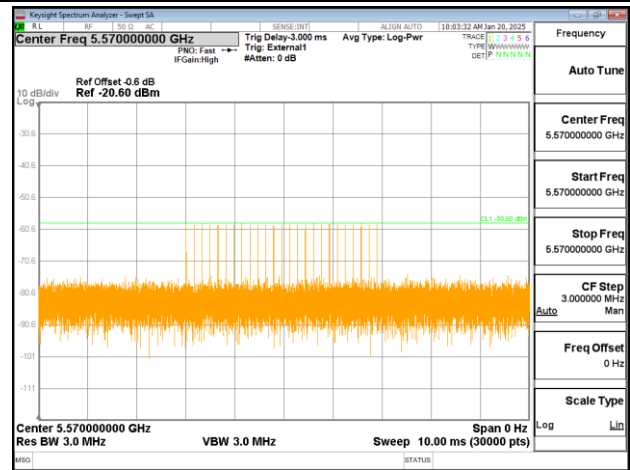
## Radar Type 0



## Radar Type 1

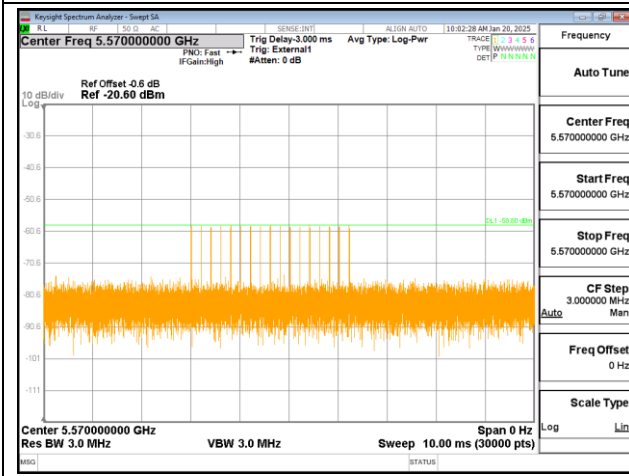


## Radar Type 2

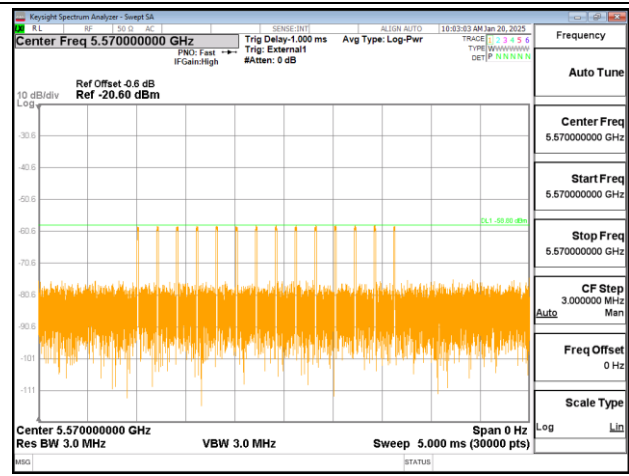




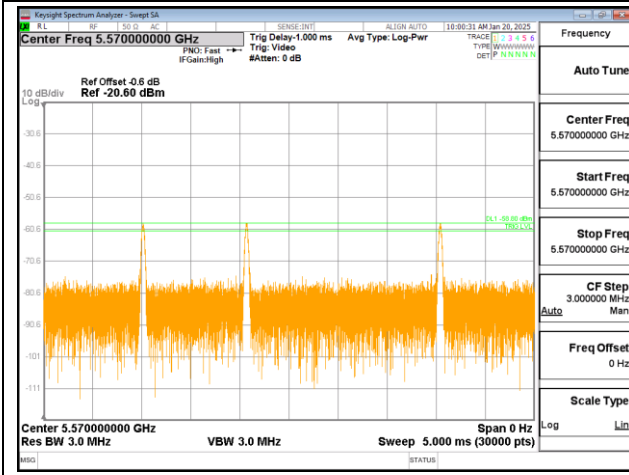
## Radar Type 3



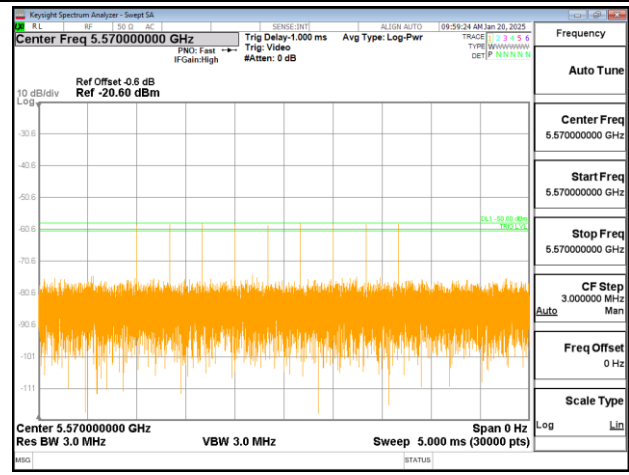
## Radar Type 4



## Single Burst of Radar Type 5



## Single Burst of Radar Type 6



## 3.2 U-NII Detection Bandwidth

### 3.2.1 Limit of U-NII Detection Bandwidth

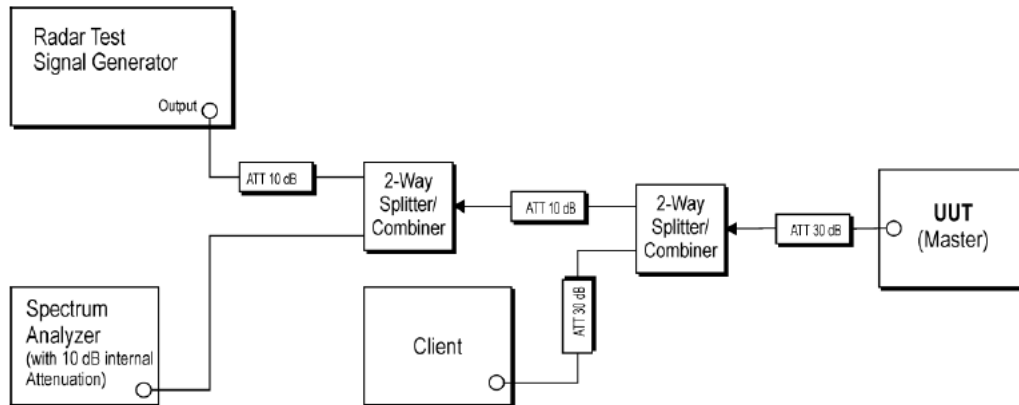
The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

### 3.2.2 Test Procedures

- (1) Adjust the equipment to produce a single burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
- (2) Set the EUT up as a standalone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio of 0%/100% during this test.
- (3) Generate a single radar burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion.
- (4) Starting at the center frequency of the EUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as  $F_H$ ) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above  $F_H$  is not required to demonstrate compliance.
- (5) Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in report clause 2.3. Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall. Record the lowest frequency (denote as  $F_L$ ) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below  $F_L$  is not required to demonstrate compliance.
- (6) The U-NII Detection Bandwidth is calculated as follows:  
*U-NII Detection Bandwidth* =  $F_H - F_L$

### 3.2.3 Test Setup



### 3.2.4 Test Deviation

There is no deviation with the original standard.

### 3.2.5 Result of U-NII Detection Bandwidth

<20MHz / 5500MHz>

| Frequency<br>(MHz)                                                                  | Fc  | Trial Number (Detection = Y, No Detection = N) |   |   |   |   |   |   |   |   |    | Rate<br>(%) | F <sub>H</sub> /F <sub>L</sub> |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------|--------------------------------|
|                                                                                     |     | 1                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |             |                                |
| 5489                                                                                | -11 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| 5490                                                                                | -10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>L</sub>                 |
| 5491                                                                                | -9  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5492                                                                                | -8  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5493                                                                                | -7  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5494                                                                                | -6  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5495                                                                                | -5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5500                                                                                | 0   | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5505                                                                                | +5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5506                                                                                | +6  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5507                                                                                | +7  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5508                                                                                | +8  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5509                                                                                | +9  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5510                                                                                | +10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>H</sub>                 |
| 5511                                                                                | +11 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| Detection Bandwidth = F <sub>H</sub> – F <sub>L</sub> = <b>5510 – 5490 = 20 MHz</b> |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |
| EUT 99% Bandwidth = 19.744 MHz (Refer to channel 100)                               |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |

**<40MHz / 5510MHz>**

| Frequency<br>(MHz)                                                                  | Fc  | Trial Number (Detection = Y, No Detection = N) |   |   |   |   |   |   |   |   |    | Rate<br>(%) | F <sub>H</sub> /F <sub>L</sub> |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------|--------------------------------|
|                                                                                     |     | 1                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |             |                                |
| 5489                                                                                | -21 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| 5490                                                                                | -20 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>L</sub>                 |
| 5491                                                                                | -19 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5492                                                                                | -18 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5493                                                                                | -17 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5494                                                                                | -16 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5495                                                                                | -15 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5500                                                                                | -10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5505                                                                                | -5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5510                                                                                | 0   | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5515                                                                                | +5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5520                                                                                | +10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5525                                                                                | +15 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5526                                                                                | +16 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5527                                                                                | +17 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5528                                                                                | +18 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5529                                                                                | +19 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5530                                                                                | +20 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>H</sub>                 |
| 5531                                                                                | +21 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| Detection Bandwidth = F <sub>H</sub> – F <sub>L</sub> = <b>5530 – 5490 = 40 MHz</b> |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |
| EUT 99% Bandwidth = 38.215 MHz (Refer to channel 102)                               |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |



&lt;80MHz / 5530MHz&gt;

| Frequency<br>(MHz)                                                                  | Fc  | Trial Number (Detection = Y, No Detection = N) |   |   |   |   |   |   |   |   |    | Rate<br>(%) | F <sub>H</sub> /F <sub>L</sub> |
|-------------------------------------------------------------------------------------|-----|------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------|--------------------------------|
|                                                                                     |     | 1                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |             |                                |
| 5489                                                                                | -41 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| 5490                                                                                | -40 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>L</sub>                 |
| 5491                                                                                | -39 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5492                                                                                | -38 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5493                                                                                | -37 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5494                                                                                | -36 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5495                                                                                | -35 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5500                                                                                | -30 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5505                                                                                | -25 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5510                                                                                | -20 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5515                                                                                | -15 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5520                                                                                | -10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5525                                                                                | -5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5530                                                                                | 0   | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5535                                                                                | +5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5540                                                                                | +10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5545                                                                                | +15 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5550                                                                                | +20 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5555                                                                                | +25 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5560                                                                                | +30 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5565                                                                                | +35 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5566                                                                                | +36 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5567                                                                                | +37 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5568                                                                                | +38 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5569                                                                                | +39 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5570                                                                                | +40 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>H</sub>                 |
| 5571                                                                                | +41 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| Detection Bandwidth = F <sub>H</sub> – F <sub>L</sub> = <b>5570 – 5490 = 80 MHz</b> |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |
| EUT 99% Bandwidth = 77.310 MHz (Refer to channel 106)                               |     |                                                |   |   |   |   |   |   |   |   |    |             |                                |

**<160MHz / 5570MHz>**

| Frequency<br>(MHz) | Fc  | Trial Number (Detection = Y, No Detection = N) |   |   |   |   |   |   |   |   |    | Rate<br>(%) | F <sub>H</sub> /F <sub>L</sub> |
|--------------------|-----|------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------|--------------------------------|
|                    |     | 1                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |             |                                |
| 5489               | -81 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| 5490               | -80 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | F <sub>L</sub>                 |
| 5491               | -79 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5492               | -78 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5493               | -77 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5494               | -76 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5495               | -75 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5500               | -70 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5505               | -65 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5510               | -60 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5515               | -55 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5520               | -50 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5525               | -45 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5530               | -40 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5535               | -35 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5540               | -30 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5545               | -25 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5550               | -20 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5555               | -15 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5560               | -10 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5565               | -5  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5570               | 0   | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5575               | 5   | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5580               | 10  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5585               | 15  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5590               | 20  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5595               | 25  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5600               | 30  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5605               | 35  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5610               | 40  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5615               | 45  | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |



| Frequency<br>(MHz)                                                                   | Fc | Trial Number (Detection = Y, No Detection = N) |   |   |   |   |   |   |   |   |    | Rate<br>(%) | F <sub>H</sub> /F <sub>L</sub> |
|--------------------------------------------------------------------------------------|----|------------------------------------------------|---|---|---|---|---|---|---|---|----|-------------|--------------------------------|
|                                                                                      |    | 1                                              | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |             |                                |
| 5620                                                                                 | 50 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5625                                                                                 | 55 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5630                                                                                 | 60 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5635                                                                                 | 65 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5640                                                                                 | 70 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5645                                                                                 | 75 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5646                                                                                 | 76 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5647                                                                                 | 77 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5648                                                                                 | 78 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5649                                                                                 | 79 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        |                                |
| 5650                                                                                 | 80 | Y                                              | Y | Y | Y | Y | Y | Y | Y | Y | Y  | 100%        | <b>F<sub>H</sub></b>           |
| 5651                                                                                 | 81 | N                                              | N | N | N | N | N | N | N | N | N  | 0%          |                                |
| Detection Bandwidth = F <sub>H</sub> – F <sub>L</sub> = <b>5650 – 5490 = 160</b> MHz |    |                                                |   |   |   |   |   |   |   |   |    |             |                                |
| EUT 99% Bandwidth = 155.88 MHz (Refer to channel 106+122)                            |    |                                                |   |   |   |   |   |   |   |   |    |             |                                |



### **3.3 Channel Availability Check**

#### **3.3.1 Limit of Channel Availability Check**

The Initial Channel Availability Check Time tests that the EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the U-NII device checks for radar waveforms for **one minute** on the test Channel.

#### **3.3.2 Test Procedures of Initial Channel Availability Check Time**

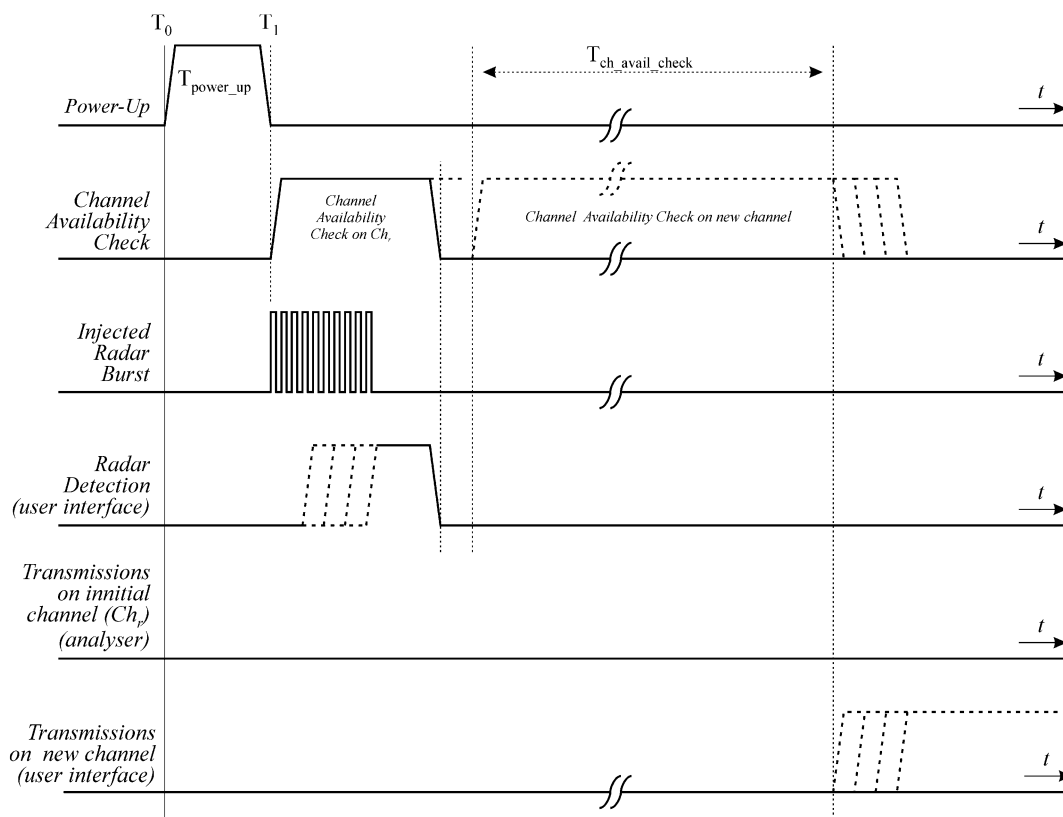
This test does not use any radar waveforms and only needs to be performed one time.

- (1) The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with at least a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
- (2) The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

### 3.3.3 Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time. This is illustrated in Figure 15.

- (1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
- (2) The EUT is powered on at  $T_0$ .  $T_1$  denotes the instant when the EUT has completed its power-up sequence ( $T_{\text{power\_up}}$ ). The Channel Availability Check Time commences on Chr at instant  $T_1$  and will end no sooner than  $T_1 + T_{\text{ch\_avail\_check}}$ .
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at  $T_1$ . An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
- (5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.

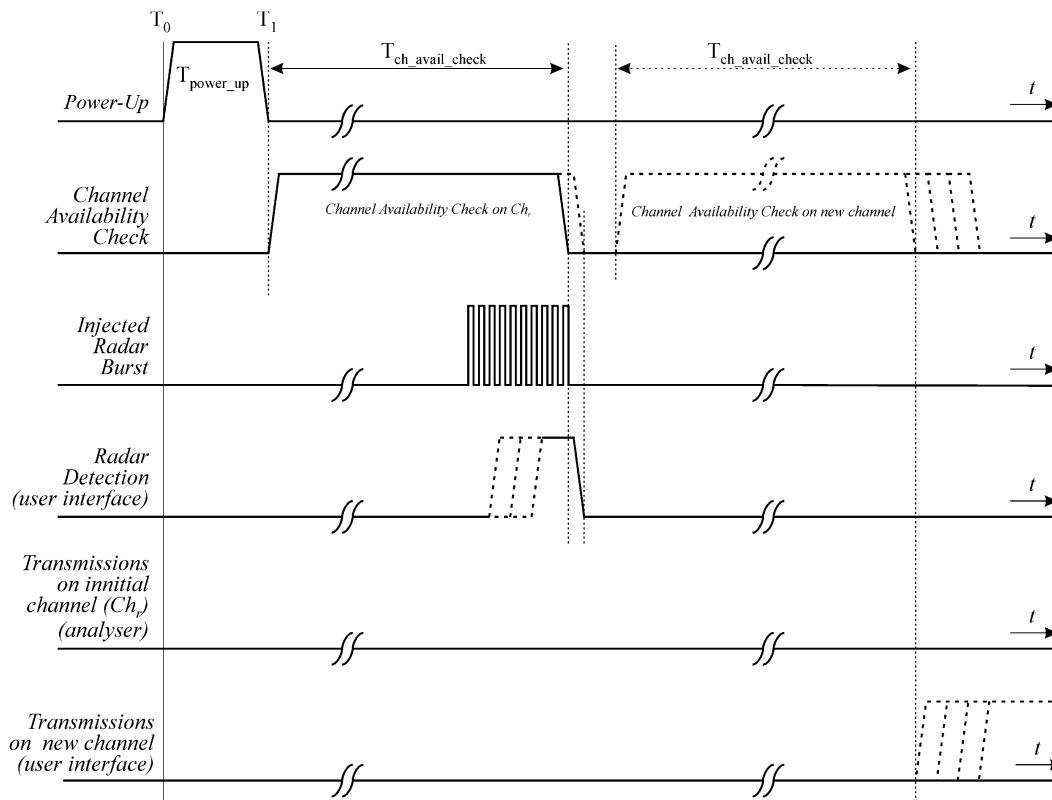


**Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time**

### 3.3.4 Radar Burst at the End of the Channel Availability Check Time

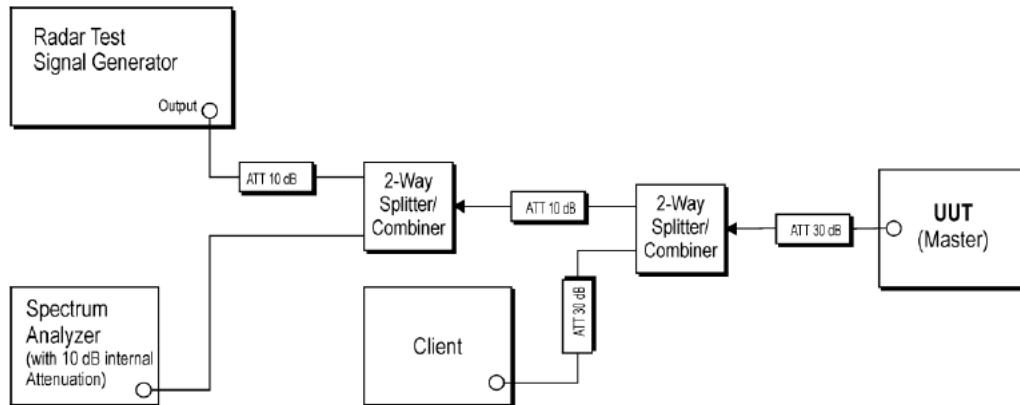
The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1dB occurs at the end of the Channel Availability Check Time. This is illustrated in Figure 16.

- (1) The Radar Waveform generator and EUT are connected using the applicable test setup and the power of the EUT is switched off.
- (2) The EUT is powered on at  $T_0$ .  $T_1$  denotes the instant when the EUT has completed its power-up sequence ( $T_{\text{power\_up}}$ ). The Channel Availability Check Time commences on Chr at instant  $T_1$  and will end no sooner than  $T_1 + T_{\text{ch\_avail\_check}}$ .
- (3) A single Burst of one of the Short Pulse Radar Types 1-4 will commence within a 6 second window starting at  $T_1 + 54$  seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (4) Visual indication or measured results on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of Chr for EUT emissions will continue for 2.5 minutes after the radar Burst has been generated.
- (5) Verify that during the 2.5 minute measurement window no EUT transmissions occurred on Chr. The Channel Availability Check results will be recorded.



**Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time**

### 3.3.5 Test Setup



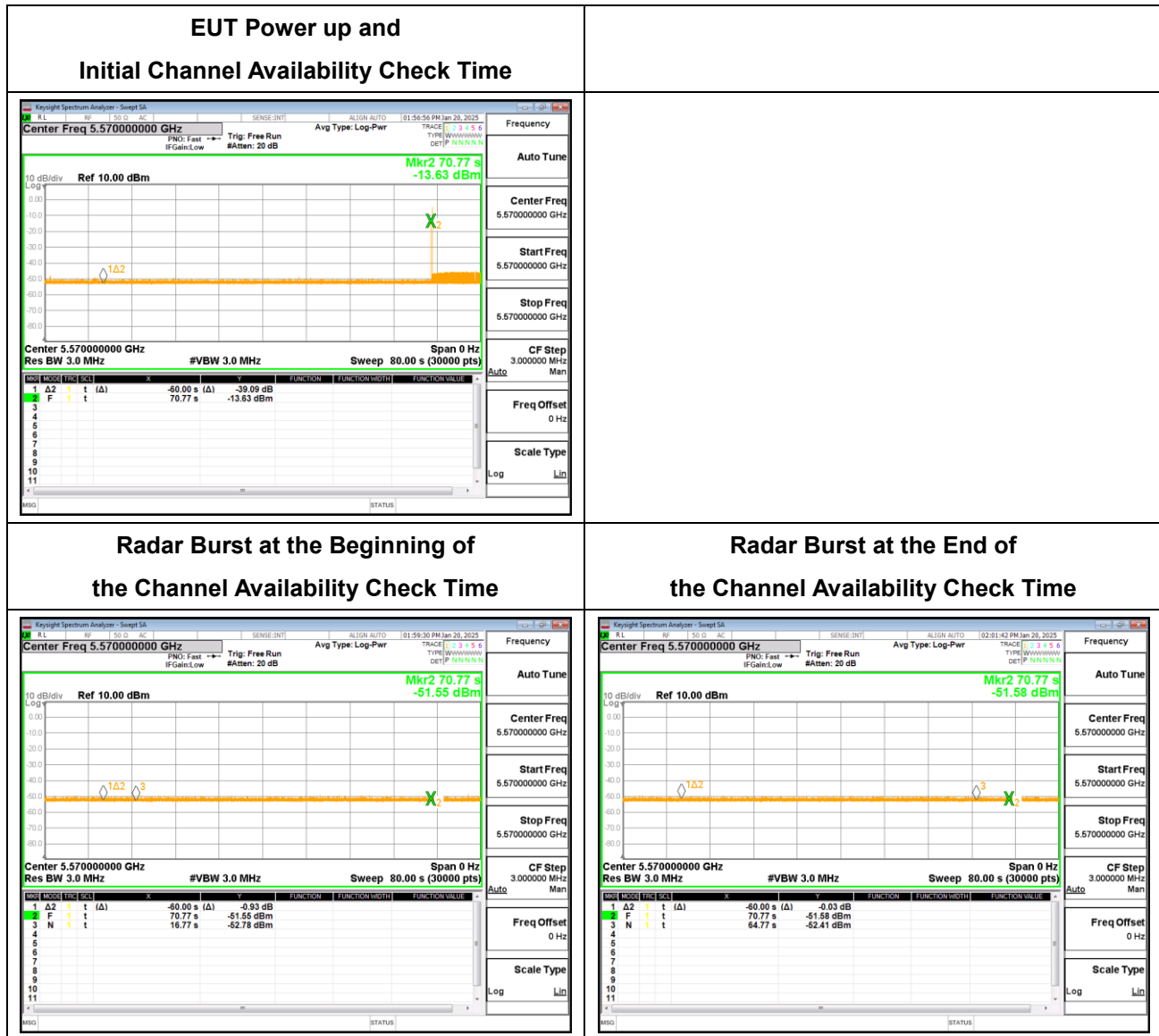
### 3.3.6 Test Deviation

There is no deviation with the original standard.



### 3.3.7 Result of Channel Availability Check Time

&lt;160MHz / 5570MHz&gt;



Marker 1(Delta 2): 60 seconds before End of Channel Availability Check

Marker 2: End of Channel Availability Check

Marker 3: 54 seconds or 6 seconds before End of Channel Availability Check

### **3.4 In-Service Monitoring: Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period**

#### **3.4.1 Limit of In-Service Monitoring**

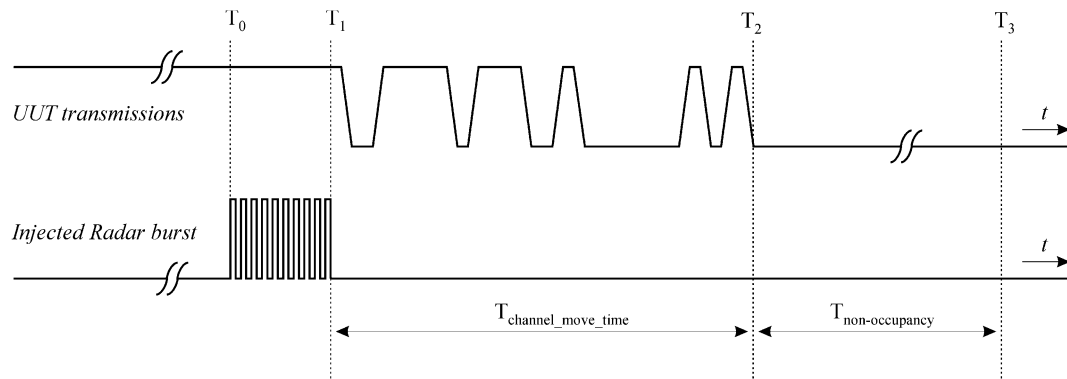
The EUT has In-Service Monitoring function to continuously monitor the radar signals, If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

#### **3.4.2 Test Procedures**

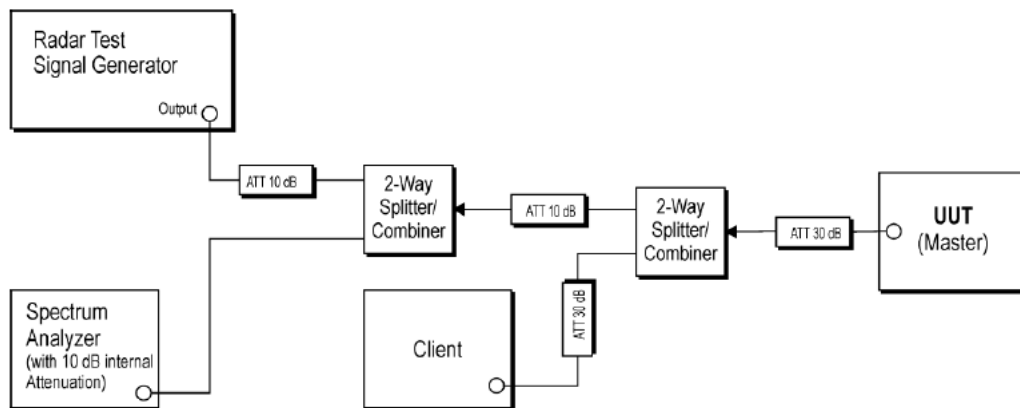
- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
- (2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). For radiated tests, the emissions of the Radar Waveform generator will be directed towards the Master Device. If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- (3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
- (4) Timing plots are reported with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time).
- (5) At time T0 the Radar Waveform generator sends a Burst of pulses for one of the Short Pulse Radar Types 1-4 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Channel Move Time). Measure and record the Channel Move Time and Channel Closing Transmission Time if radar detection occurs.

- (7) When operating as a Master Device, monitor the EUT for more than 30 minutes following instant T2 to verify that the EUT does not resume any transmissions on this Channel. Perform this test once and record the measurement result.



- (8) One 12 seconds plot is reported for the Short Pulse Radar Type 0.
- (9) Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by:  $Dwell (0.4ms) = S (12000ms) / B (30000)$ ; where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by:  $C (ms) = N \times Dwell (0.4 ms)$ ; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

### 3.4.3 Test Setup



### 3.4.4 Test Deviation

There is no deviation with the original standard.

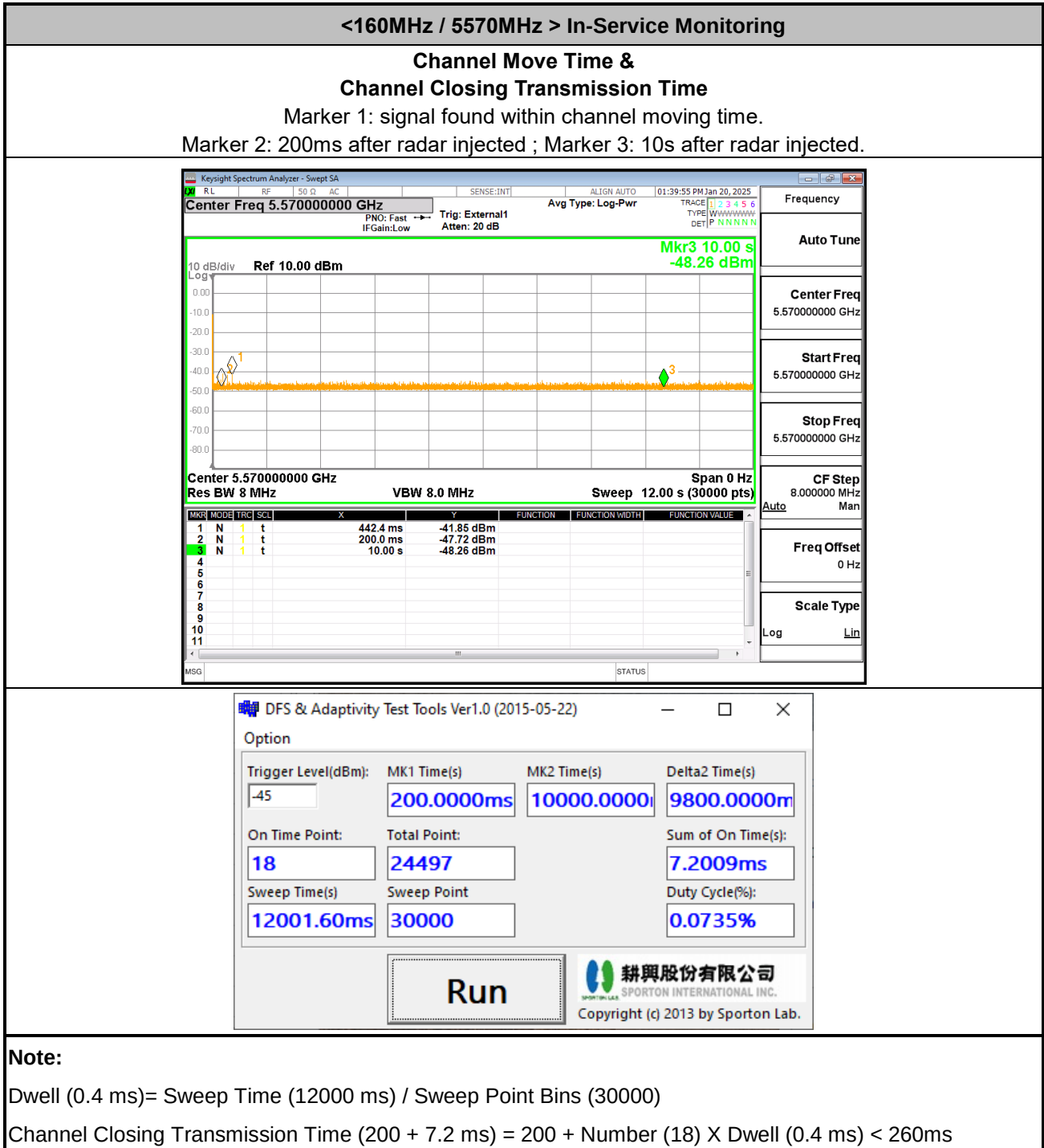
**3.4.5 Result of Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period for Client Beacon Test**

|                        |                  |                            |        |
|------------------------|------------------|----------------------------|--------|
| <b>Test Mode :</b>     | Master           | <b>Temperature :</b>       | 22.5°C |
| <b>Test Engineer :</b> | Liliana Gonzalez | <b>Relative Humidity :</b> | 31.5%  |

| BW / Channel                | Test Item                         | Test Result              | Limit             | Pass/Fail   |
|-----------------------------|-----------------------------------|--------------------------|-------------------|-------------|
| <b>160MHz /<br/>5570MHz</b> | Channel Move Time                 | <b>0.4424 s</b>          | <b>&lt; 10s</b>   | <b>Pass</b> |
|                             | Channel Closing Transmission Time | <b>200ms + 7.2009 ms</b> | <b>&lt; 260ms</b> | <b>Pass</b> |
|                             | Non-Occupancy Period              | <b>≥ 30 min</b>          | <b>≥ 30 min</b>   | <b>Pass</b> |

**Note:** The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.

### 3.4.6 Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Plots





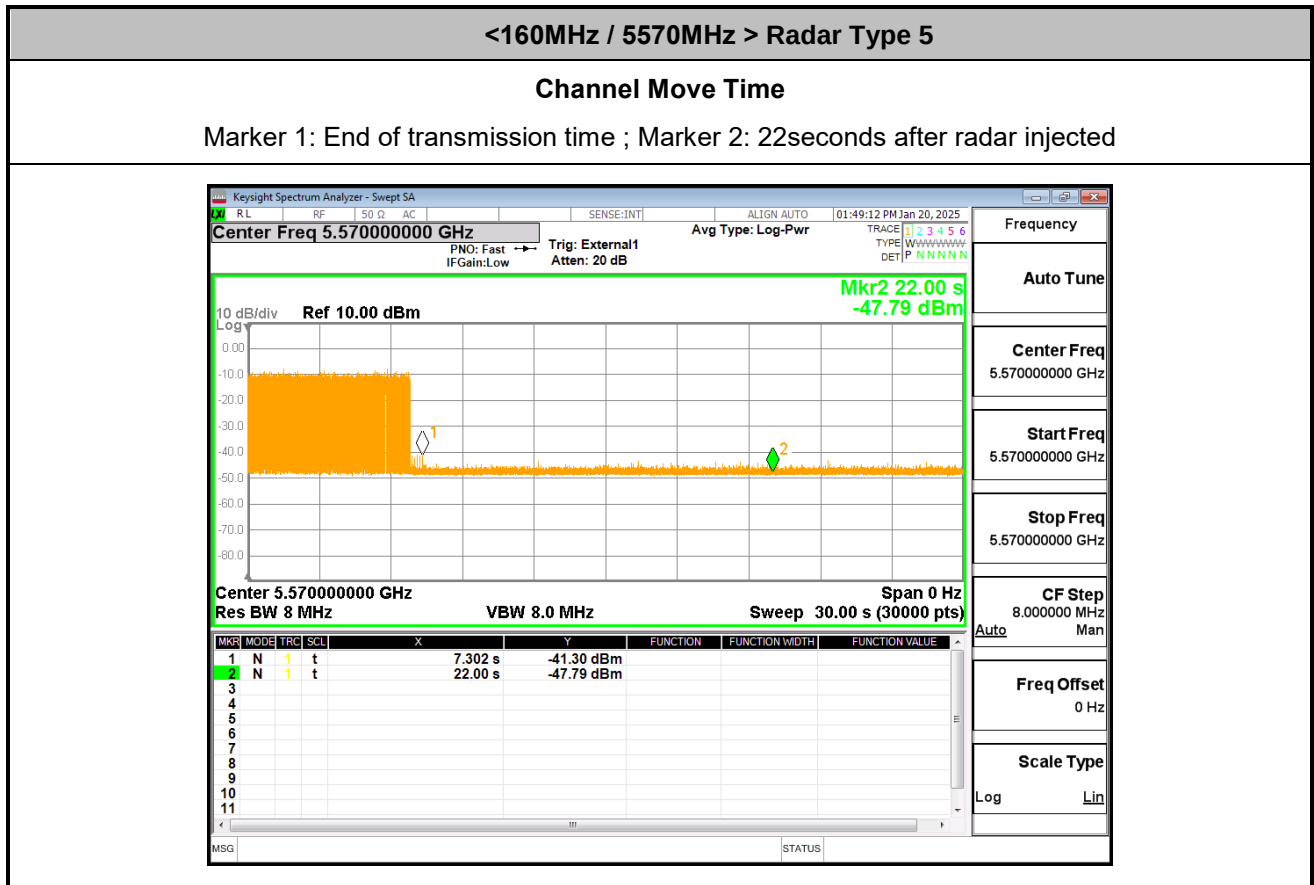
### Non-Occupancy Period

Marker 2: radar injected ; Delta 1: 30 minutes after radar injected



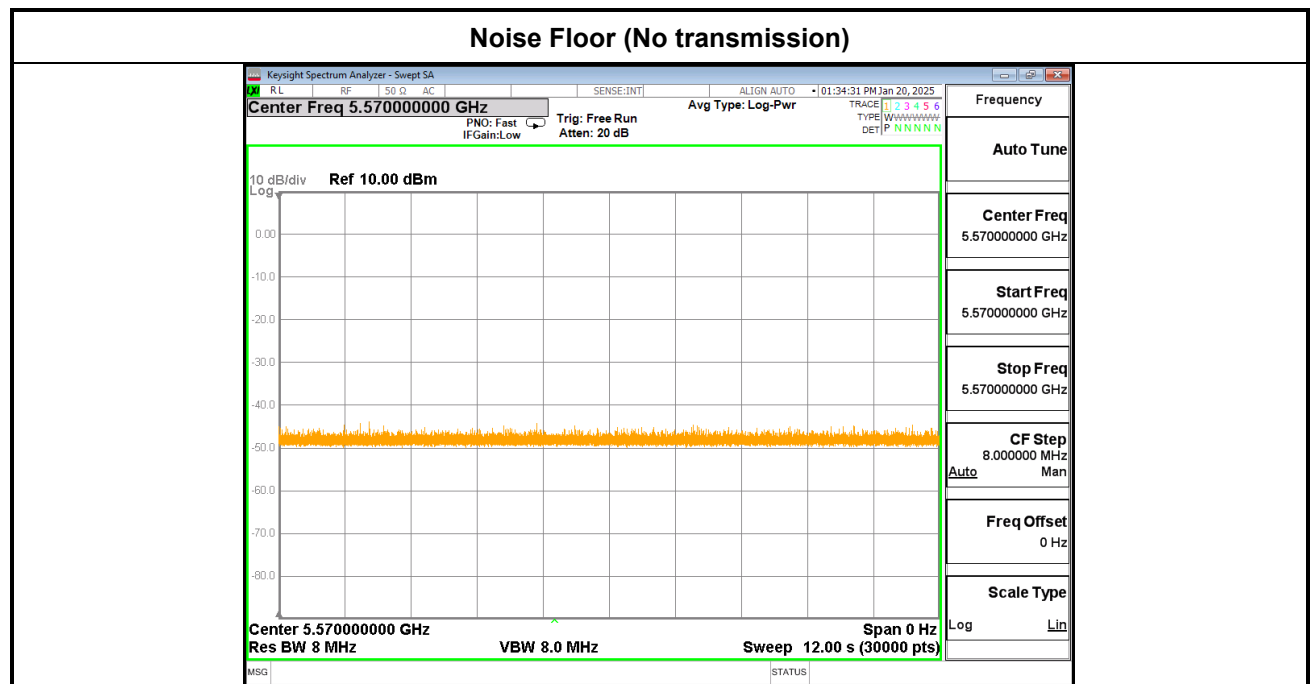
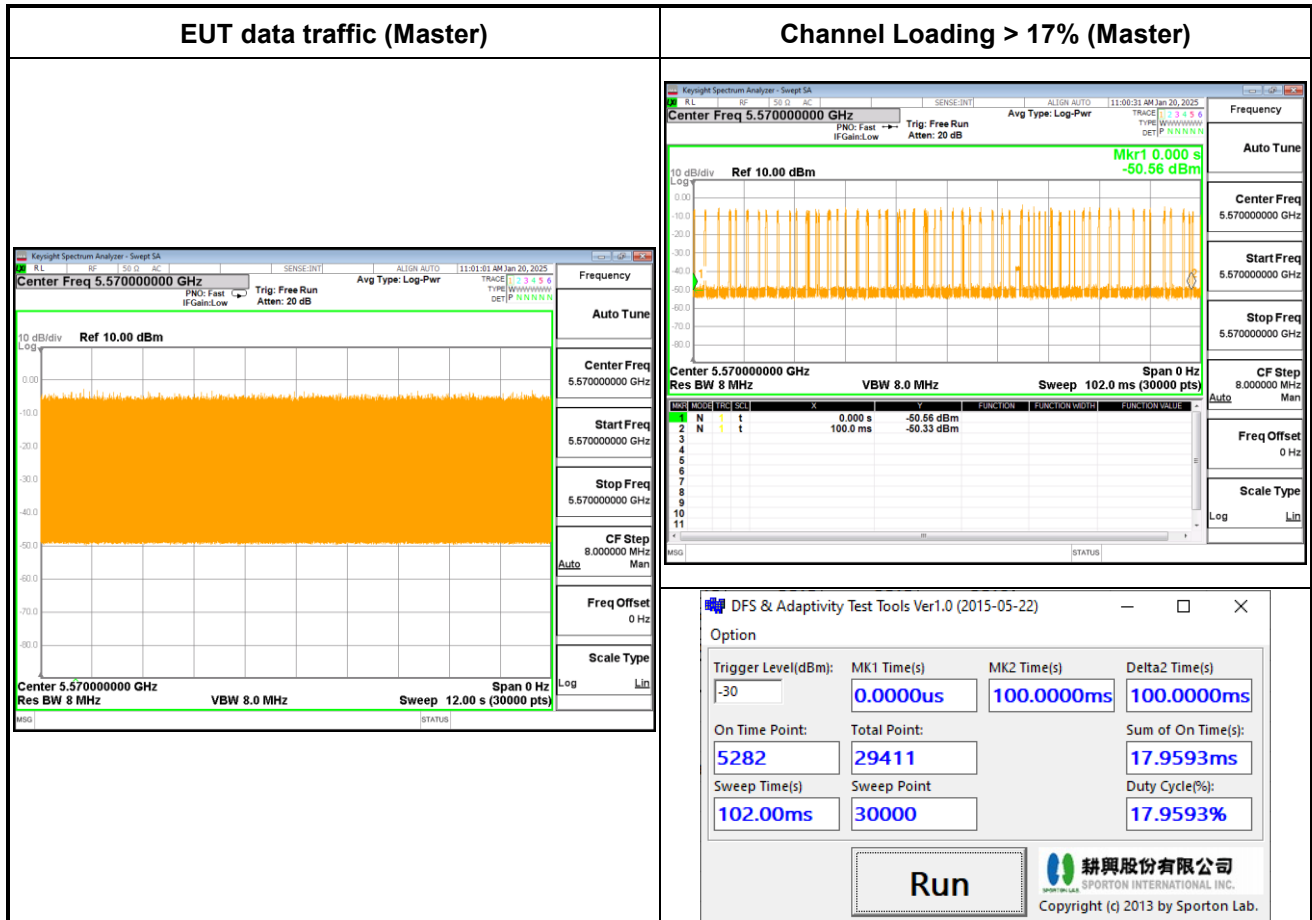


### 3.4.7 Long Pulsed Radar Type Channel Move Time Test Plots (22second)





## 3.4.8 Data Traffic Channel Loading and Noise Floor Plots



### 3.5 Statistical Performance Check

#### 3.5.1 Limit of Statistical Performance Check

##### Short Pulse Radar Test

Once the performance requirements check is complete, statistical data will be gathered, to determine the ability of the device to detect the radar test waveforms (Short Pulse Radar Types 1-4) found in **Table 5**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials. The percentage of successful detection is calculated by:

$$\frac{\text{TotalWaveformDetections}}{\text{TotalWaveformTrials}} \times 100 = \text{Percentage of Successful Detection Radar Waveform N} = P_d N$$

In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:

$$\frac{P_d 1 + P_d 2 + P_d 3 + P_d 4}{4}$$

The minimum number of trails, minimum percentage of successful detection and the aggregate minimum percentage of successful detection are found in **Table 5**.

**Table 5 – Short Pulse Radar Test Waveforms**

| Radar Type                  | Pulse Width<br>(µsec) | PRI<br>(µsec) | Number<br>of Pulses | Minimum<br>Percentage of<br>Successful<br>Detection | Minimum<br>Number of<br>Trials |
|-----------------------------|-----------------------|---------------|---------------------|-----------------------------------------------------|--------------------------------|
| 1                           | 1                     | 1428          | 18                  | 60%                                                 | 30                             |
| 2                           | 1-5                   | 150-230       | 23-29               | 60%                                                 | 30                             |
| 3                           | 6-10                  | 200-500       | 16-18               | 60%                                                 | 30                             |
| 4                           | 11-20                 | 200-500       | 12-16               | 60%                                                 | 30                             |
| Aggregate (Radar Types 1-4) |                       |               |                     | 80%                                                 | 120                            |



A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 1 through 4. For Short Pulse Radar Type 0, the same waveform is used a minimum of 30 times. If more than 30 waveforms are used for Short Pulse Radar Types 1 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms.

An example of aggregate detection probability calculation is listed in following table:

| Radar Type                                             | Number of Trials | Number of Successful<br>Detections | Percentage of<br>Successful Detection |
|--------------------------------------------------------|------------------|------------------------------------|---------------------------------------|
| 1                                                      | 30               | 29                                 | 96.7%                                 |
| 2                                                      | 30               | 18                                 | 60%                                   |
| 3                                                      | 30               | 27                                 | 90%                                   |
| 4                                                      | 30               | 30                                 | 100%                                  |
| Aggregate $(96.7\% + 60\% + 90\% + 100\%)/4 = 86.67\%$ |                  |                                    |                                       |

### **Long Pulse Radar Test**

Statistical data will be gathered to determine the ability of the device to detect the Long Pulse Radar Type 5 found in **Table 6**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trials.

**Table 6 – Long Pulse Radar Test Waveform**

| Radar Type | Pulse Width (μsec) | Chirp Width (MHz) | PRI (μsec) | Number of Pulses per Burst | Number of Bursts | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|------------|--------------------|-------------------|------------|----------------------------|------------------|--------------------------------------------|--------------------------|
| 5          | 50-100             | 5-20              | 1000-2000  | 1-3                        | 8-20             | 80%                                        | 30                       |

The parameters for this waveform are randomly chosen. Thirty unique waveforms are required for the Long Pulse Radar Type waveforms. If more than 30 waveforms are used for the Long Pulse Radar Type waveforms, then each additional waveform must also be unique and not repeated from the previous waveforms.

Three subsets of trials will be performed with a minimum of ten trials per subset.

The subset of trials differs in where the Long Pulse Type 5 Signal is tuned in frequency:

- The Channel center frequency (subset case 1).
- Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth (subset case 2).
- Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth (subset case 3).

For subset case 1: the center frequency of the signal generator will remain fixed at the center of the UUT Channel.

For subset case 2: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 2.

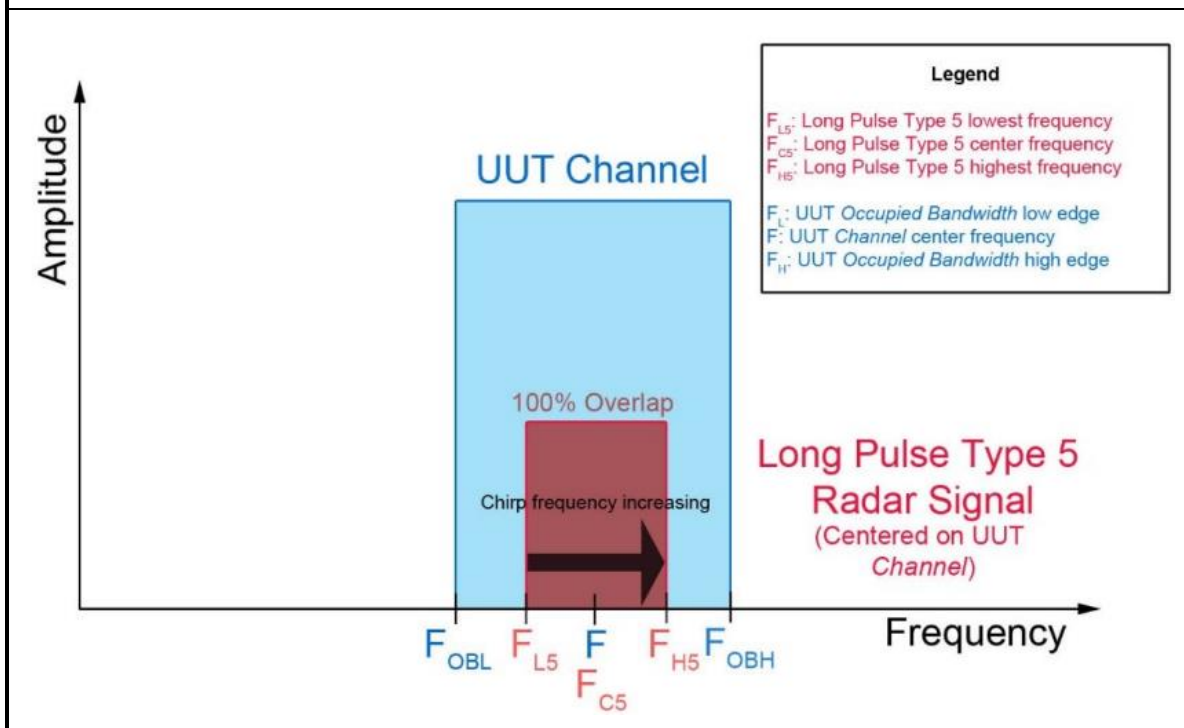
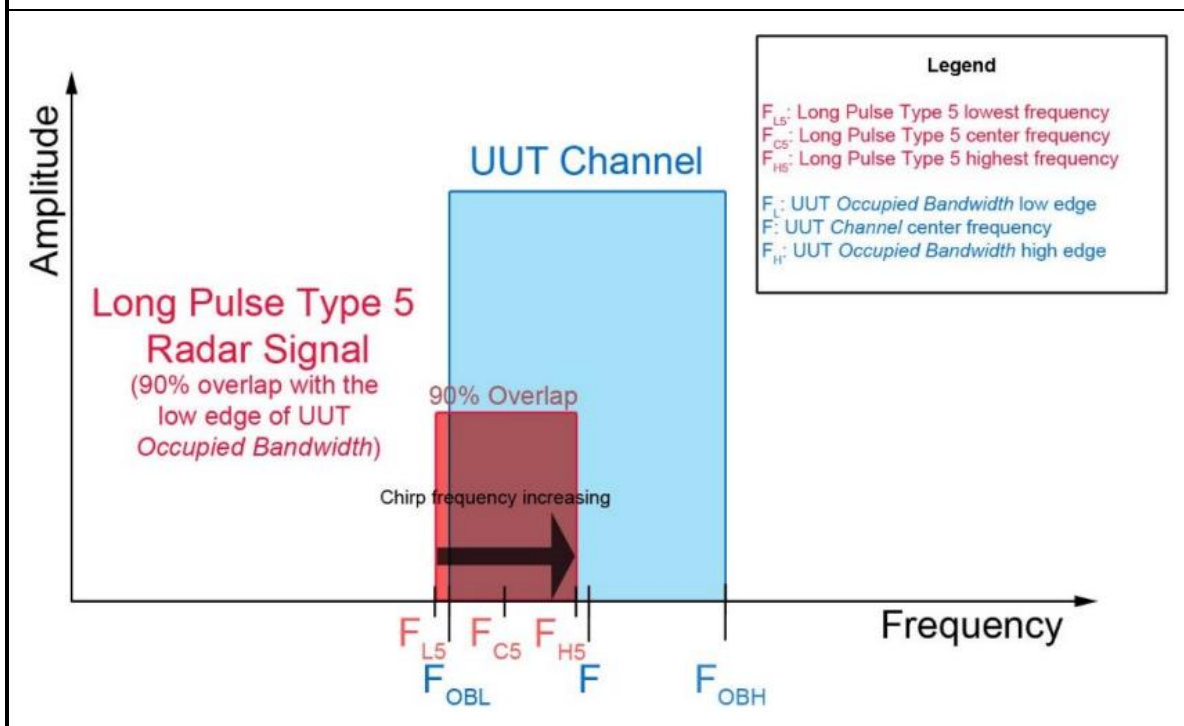
The center frequency of the signal generator for each trial is calculated by:  $FL + (0.4 * Chirp Width [in MHz])$

For subset case 3: to retain 90% frequency overlap between the radar signal and the UUT Occupied Bandwidth, the center frequency of the signal generator will vary for each of the ten trials in subset case 3.

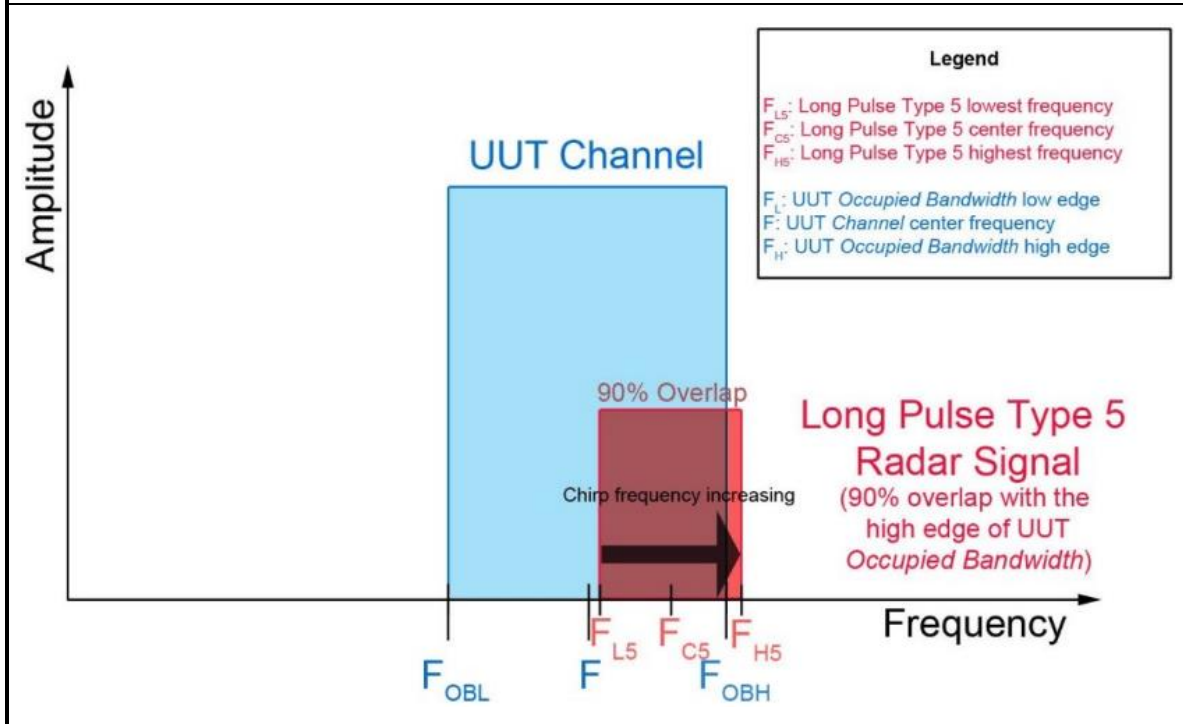
The center frequency of the signal generator for each trial is calculated by:  $FH - (0.4 * Chirp Width [in MHz])$

Note: The FH and FL are Occupied Bandwidth low edge and high edge, where

$$FH = F_c + (OBW / 2) \text{ and } FL = F_c - (OBW / 2)$$

**a) Channel center frequency (subset case 1)**

**b) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the low edge of the UUT Occupied Bandwidth. (subset case 2)**


c) Tuned frequencies such that 90% of the Long Pulse Type 5 frequency modulation is within the high edge of the UUT Occupied Bandwidth. (subset case 3)



The percentage of successful detection is calculated by:

$$\frac{TotalWaveformDetections}{TotalWaveformTrials} \times 100$$

### **Frequency Hopping Radar Test**

Statistical data will be gathered to determine the ability of the device to detect the Frequency Hopping radar test signal (radar type 6) found in **Table 7**. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. The probability of successful detection is calculated by:

$$\frac{\text{TotalWaveformDetections}}{\text{TotalWaveformTrials}} \times 100$$

**Table 7 – Frequency Hopping Radar Test Waveform**

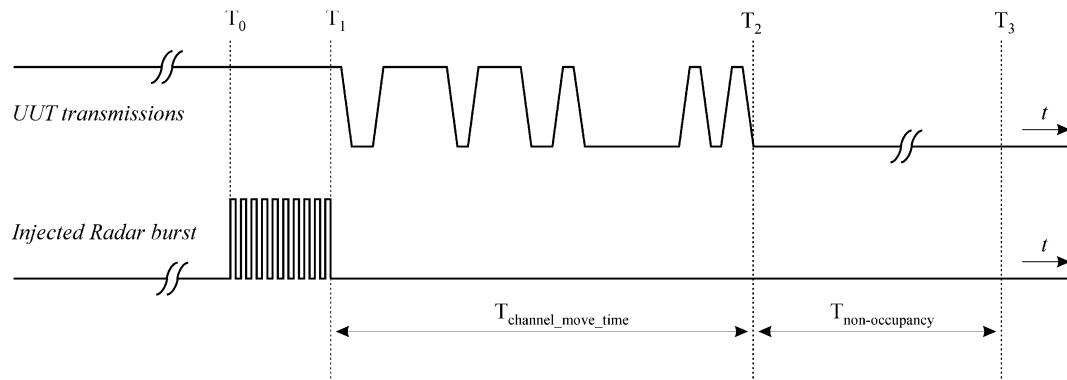
| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (msec) | Minimum Percentage of Successful Detection | Minimum Number of Trials |
|------------|--------------------|------------|----------------|--------------------|--------------------------------|--------------------------------------------|--------------------------|
| 6          | 1                  | 333        | 9              | 0.333              | 300                            | 70%                                        | 30                       |

For the Frequency Hopping Radar Type, the same *Burst* parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

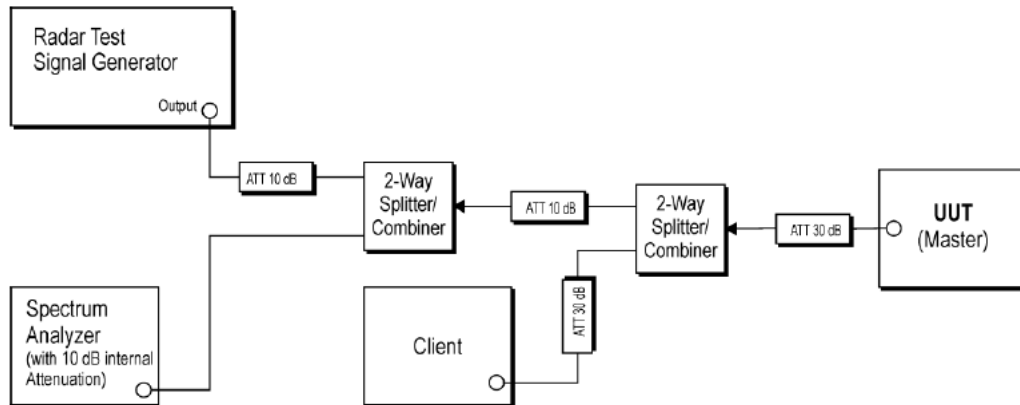
The first frequency in a hopping sequence is selected randomly from the group of 475 integer frequencies from 5250 – 5724 MHz. Next, the frequency that was just chosen is removed from the group and a frequency is randomly selected from the remaining 474 frequencies in the group. This process continues until all 475 frequencies are chosen for the set. For selection of a random frequency, the frequencies remaining within the group are always treated as equally likely.

### 3.5.2 Test Procedures

- (1) One frequency will be chosen from the Operating Channels of the EUT within the 5250-5350 MHz or 5470-5725 MHz bands.
- (2) In case the EUT is a Master Device, a U-NII device operating as a Client Device will be used and it is assumed that the Client will associate with the EUT (Master). If the Master Device has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
- (3) The TCP protocol unicast data stream was generated by the iperf software command line with at least 17% activity ratio over any 100ms period.
- (4) At time  $T_0$  the Radar Waveform generator sends a Burst of pulses for each of the Radar Types 1-6 at DFS Detection Threshold levels on the Operating Channel. An additional 1 dB is added to the radar test signal to ensure it is at or above the DFS Detection Threshold, accounting for equipment variations/errors.
- (5) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.
- (6) Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.



### 3.5.3 Test Setup



### 3.5.4 Test Deviation

There is no deviation with the original standard.

### 3.5.5 Result of Statistical Performance Check

<20MHz / 5500MHz>

| (Detection = Y, No Detection = N)         |        |        |                |        |        |        |
|-------------------------------------------|--------|--------|----------------|--------|--------|--------|
| Trial Number                              | Type 1 | Type 2 | Type 3         | Type 4 | Type 5 | Type 6 |
| 1                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 2                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 3                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 4                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 5                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 6                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 7                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 8                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 9                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 10                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 11                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 12                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 13                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 14                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 15                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 16                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 17                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 18                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 19                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 20                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 21                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 22                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 23                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 24                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 25                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 26                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 27                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 28                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 29                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 30                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| Trial of Detection                        | 30/30  | 30/30  | 30/30          | 30/30  | 30/30  | 30/30  |
| Probability (%)                           | 100%   | 100%   | 100%           | 100%   | 100%   | 100%   |
| Limit (%)                                 | >= 60% | >= 60% | >= 60%         | >= 60% | >= 80% | >= 70% |
| Average Probability of Radar Type 1~4 (%) |        |        | 100% ( >=80% ) |        |        |        |



&lt;40MHz / 5510MHz&gt;

| (Detection = Y, No Detection = N)         |        |        |                |        |        |        |
|-------------------------------------------|--------|--------|----------------|--------|--------|--------|
| Trial Number                              | Type 1 | Type 2 | Type 3         | Type 4 | Type 5 | Type 6 |
| 1                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 2                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 3                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 4                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 5                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 6                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 7                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 8                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 9                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 10                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 11                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 12                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 13                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 14                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 15                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 16                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 17                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 18                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 19                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 20                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 21                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 22                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 23                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 24                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 25                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 26                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 27                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 28                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 29                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 30                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| Trial of Detection                        | 30/30  | 30/30  | 30/30          | 30/30  | 30/30  | 30/30  |
| Probability (%)                           | 100%   | 100%   | 100%           | 100%   | 100%   | 100%   |
| Limit (%)                                 | >= 60% | >= 60% | >= 60%         | >= 60% | >= 80% | >= 70% |
| Average Probability of Radar Type 1~4 (%) |        |        | 100% ( >=80% ) |        |        |        |



&lt;80MHz / 5530MHz&gt;

| (Detection = Y, No Detection = N)         |        |        |                |        |        |        |
|-------------------------------------------|--------|--------|----------------|--------|--------|--------|
| Trial Number                              | Type 1 | Type 2 | Type 3         | Type 4 | Type 5 | Type 6 |
| 1                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 2                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 3                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 4                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 5                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 6                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 7                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 8                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 9                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 10                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 11                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 12                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 13                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 14                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 15                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 16                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 17                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 18                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 19                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 20                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 21                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 22                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 23                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 24                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 25                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 26                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 27                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 28                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 29                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 30                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| Trial of Detection                        | 30/30  | 30/30  | 30/30          | 30/30  | 30/30  | 30/30  |
| Probability (%)                           | 100%   | 100%   | 100%           | 100%   | 100%   | 100%   |
| Limit (%)                                 | >= 60% | >= 60% | >= 60%         | >= 60% | >= 80% | >= 70% |
| Average Probability of Radar Type 1~4 (%) |        |        | 100% ( >=80% ) |        |        |        |



&lt;160MHz / 5570MHz&gt;

| (Detection = Y, No Detection = N)         |        |        |                |        |        |        |
|-------------------------------------------|--------|--------|----------------|--------|--------|--------|
| Trial Number                              | Type 1 | Type 2 | Type 3         | Type 4 | Type 5 | Type 6 |
| 1                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 2                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 3                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 4                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 5                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 6                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 7                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 8                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 9                                         | Y      | Y      | Y              | Y      | Y      | Y      |
| 10                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 11                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 12                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 13                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 14                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 15                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 16                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 17                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 18                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 19                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 20                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 21                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 22                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 23                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 24                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 25                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 26                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 27                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 28                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 29                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| 30                                        | Y      | Y      | Y              | Y      | Y      | Y      |
| Trial of Detection                        | 30/30  | 30/30  | 30/30          | 30/30  | 30/30  | 30/30  |
| Probability (%)                           | 100%   | 100%   | 100%           | 100%   | 100%   | 100%   |
| Limit (%)                                 | >= 60% | >= 60% | >= 60%         | >= 60% | >= 80% | >= 70% |
| Average Probability of Radar Type 1~4 (%) |        |        | 100% ( >=80% ) |        |        |        |



## 4 List of Measuring Equipment

| Instrument                        | Brand Name | Model No. | Serial No. | Characteristics        | Calibration Date | Test Date     | Due Date      | Remark         |
|-----------------------------------|------------|-----------|------------|------------------------|------------------|---------------|---------------|----------------|
| RF Vector Generator               | Keysight   | N5182B    | MY57300963 | 9KHz~6GHz              | Mar. 26, 2024    | Jan. 20, 2025 | Mar. 25, 2025 | DFS (DFS01-CA) |
| Frequency Extender for EXG or MXG | Keysight   | N5182BX07 | MY59360230 | 9kHz~7.2GHz            | Mar. 26, 2024    | Jan. 20, 2025 | Mar. 25, 2025 | DFS (DFS01-CA) |
| EXA Signal Analyzer               | Keysight   | N9010A    | MY56070412 | 10Hz~7GHz              | Nov. 01, 2024    | Jan. 20, 2025 | Oct. 31, 2025 | DFS (DFS01-CA) |
| Manual Step Attenuator            | Keysight   | 8496B     | MY42151805 | N/A                    | Feb. 22, 2024    | Jan. 20, 2025 | Feb. 21, 2025 | DFS (DFS01-CA) |
| Manual Step Attenuator            | Keysight   | 8494B     | MY42158324 | N/A                    | Feb. 22, 2024    | Jan. 20, 2025 | Feb. 21, 2025 | DFS (DFS01-CA) |
| Hygrometer                        | Testo      | 608-H1    | 45142588   | Temperature & Humidity | Aug. 14, 2024    | Jan. 20, 2025 | Aug. 13, 2025 | DFS (DFS01-CA) |



## **Appendix A. DFS Radar Parameters**

**DFS Radar Parameters**  
**FCC Radar Type 1**  
**Channel 100 Bandwidth 20MHz**

| Trial # | Pulse Repetition<br>Frequency<br>Number (1 to 23) | Pulse Repetition<br>Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|---------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------|
| 1       | 8                                                 | 1519.76                                              | 658                                            | Yes                     |
| 2       | 5                                                 | 1672.24                                              | 598                                            | Yes                     |
| 3       | 15                                                | 1253.13                                              | 798                                            | Yes                     |
| 4       | 21                                                | 1089.32                                              | 918                                            | Yes                     |
| 5       | 16                                                | 1222.49                                              | 818                                            | Yes                     |
| 6       | 17                                                | 1193.32                                              | 838                                            | Yes                     |
| 7       | 23                                                | 326.16                                               | 3066                                           | Yes                     |
| 8       | 11                                                | 1392.76                                              | 718                                            | Yes                     |
| 9       | 13                                                | 1319.26                                              | 758                                            | Yes                     |
| 10      | 19                                                | 1138.95                                              | 878                                            | Yes                     |
| 11      | 9                                                 | 1474.93                                              | 678                                            | Yes                     |
| 12      | 4                                                 | 1730.10                                              | 578                                            | Yes                     |
| 13      | 22                                                | 1066.10                                              | 938                                            | Yes                     |
| 14      | 6                                                 | 1618.12                                              | 618                                            | Yes                     |
| 15      | 18                                                | 1165.50                                              | 858                                            | Yes                     |
| 16      |                                                   | 922.51                                               | 1084                                           | Yes                     |
| 17      |                                                   | 741.84                                               | 1348                                           | Yes                     |
| 18      |                                                   | 513.35                                               | 1948                                           | Yes                     |
| 19      |                                                   | 390.02                                               | 2564                                           | Yes                     |
| 20      |                                                   | 370.10                                               | 2702                                           | Yes                     |
| 21      |                                                   | 543.48                                               | 1840                                           | Yes                     |
| 22      |                                                   | 1652.89                                              | 605                                            | Yes                     |
| 23      |                                                   | 468.38                                               | 2135                                           | Yes                     |
| 24      |                                                   | 787.40                                               | 1270                                           | Yes                     |
| 25      |                                                   | 343.88                                               | 2908                                           | Yes                     |
| 26      |                                                   | 1821.49                                              | 549                                            | Yes                     |
| 27      |                                                   | 1254.71                                              | 797                                            | Yes                     |
| 28      |                                                   | 359.20                                               | 2784                                           | Yes                     |
| 29      |                                                   | 909.92                                               | 1099                                           | Yes                     |
| 30      |                                                   | 784.93                                               | 1274                                           | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 2**  
**Channel 100 Bandwidth 20MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 25                      | 2.70                          | 162                                            | Yes                     |
| 2       | 23                      | 1.10                          | 202                                            | Yes                     |
| 3       | 27                      | 3.60                          | 226                                            | Yes                     |
| 4       | 24                      | 1.70                          | 168                                            | Yes                     |
| 5       | 25                      | 2.50                          | 163                                            | Yes                     |
| 6       | 25                      | 2.70                          | 159                                            | Yes                     |
| 7       | 27                      | 3.70                          | 174                                            | Yes                     |
| 8       | 27                      | 3.60                          | 224                                            | Yes                     |
| 9       | 28                      | 4.30                          | 218                                            | Yes                     |
| 10      | 26                      | 3.10                          | 230                                            | Yes                     |
| 11      | 27                      | 3.80                          | 217                                            | Yes                     |
| 12      | 24                      | 1.60                          | 216                                            | Yes                     |
| 13      | 23                      | 1.50                          | 170                                            | Yes                     |
| 14      | 29                      | 4.60                          | 165                                            | Yes                     |
| 15      | 29                      | 5.00                          | 219                                            | Yes                     |
| 16      | 29                      | 4.90                          | 195                                            | Yes                     |
| 17      | 25                      | 2.20                          | 208                                            | Yes                     |
| 18      | 25                      | 2.60                          | 204                                            | Yes                     |
| 19      | 29                      | 4.70                          | 209                                            | Yes                     |
| 20      | 28                      | 4.10                          | 156                                            | Yes                     |
| 21      | 28                      | 4.10                          | 183                                            | Yes                     |
| 22      | 25                      | 2.10                          | 215                                            | Yes                     |
| 23      | 24                      | 2.10                          | 213                                            | Yes                     |
| 24      | 29                      | 4.90                          | 155                                            | Yes                     |
| 25      | 26                      | 2.80                          | 178                                            | Yes                     |
| 26      | 27                      | 3.90                          | 182                                            | Yes                     |
| 27      | 23                      | 1.40                          | 184                                            | Yes                     |
| 28      | 23                      | 1.10                          | 205                                            | Yes                     |
| 29      | 27                      | 3.80                          | 189                                            | Yes                     |
| 30      | 28                      | 3.90                          | 172                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 3**  
**Channel 100 Bandwidth 20MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 17                      | 7.70                          | 201                                            | Yes                     |
| 2       | 16                      | 6.10                          | 470                                            | Yes                     |
| 3       | 17                      | 8.60                          | 280                                            | Yes                     |
| 4       | 16                      | 6.70                          | 323                                            | Yes                     |
| 5       | 17                      | 7.50                          | 500                                            | Yes                     |
| 6       | 17                      | 7.70                          | 262                                            | Yes                     |
| 7       | 18                      | 8.70                          | 394                                            | Yes                     |
| 8       | 17                      | 8.60                          | 352                                            | Yes                     |
| 9       | 18                      | 9.30                          | 355                                            | Yes                     |
| 10      | 17                      | 8.10                          | 457                                            | Yes                     |
| 11      | 18                      | 8.80                          | 429                                            | Yes                     |
| 12      | 16                      | 6.60                          | 232                                            | Yes                     |
| 13      | 16                      | 6.50                          | 205                                            | Yes                     |
| 14      | 18                      | 9.60                          | 417                                            | Yes                     |
| 15      | 18                      | 10.00                         | 304                                            | Yes                     |
| 16      | 18                      | 9.90                          | 399                                            | Yes                     |
| 17      | 16                      | 7.20                          | 405                                            | Yes                     |
| 18      | 17                      | 7.60                          | 363                                            | Yes                     |
| 19      | 18                      | 9.70                          | 237                                            | Yes                     |
| 20      | 18                      | 9.10                          | 306                                            | Yes                     |
| 21      | 18                      | 9.10                          | 260                                            | Yes                     |
| 22      | 16                      | 7.10                          | 309                                            | Yes                     |
| 23      | 16                      | 7.10                          | 312                                            | Yes                     |
| 24      | 18                      | 9.90                          | 225                                            | Yes                     |
| 25      | 17                      | 7.80                          | 244                                            | Yes                     |
| 26      | 18                      | 8.90                          | 455                                            | Yes                     |
| 27      | 16                      | 6.40                          | 447                                            | Yes                     |
| 28      | 16                      | 6.10                          | 293                                            | Yes                     |
| 29      | 18                      | 8.80                          | 251                                            | Yes                     |
| 30      | 18                      | 8.90                          | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 4**  
**Channel 100 Bandwidth 20MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 14                      | 14.70                         | 201                                            | Yes                     |
| 2       | 12                      | 11.20                         | 470                                            | Yes                     |
| 3       | 15                      | 16.80                         | 280                                            | Yes                     |
| 4       | 12                      | 12.50                         | 323                                            | Yes                     |
| 5       | 13                      | 14.40                         | 500                                            | Yes                     |
| 6       | 14                      | 14.80                         | 262                                            | Yes                     |
| 7       | 15                      | 17.10                         | 394                                            | Yes                     |
| 8       | 15                      | 16.80                         | 352                                            | Yes                     |
| 9       | 16                      | 18.40                         | 355                                            | Yes                     |
| 10      | 14                      | 15.70                         | 457                                            | Yes                     |
| 11      | 15                      | 17.30                         | 429                                            | Yes                     |
| 12      | 12                      | 12.30                         | 232                                            | Yes                     |
| 13      | 12                      | 12.10                         | 205                                            | Yes                     |
| 14      | 16                      | 19.10                         | 417                                            | Yes                     |
| 15      | 16                      | 19.90                         | 304                                            | Yes                     |
| 16      | 16                      | 19.80                         | 399                                            | Yes                     |
| 17      | 13                      | 13.70                         | 405                                            | Yes                     |
| 18      | 13                      | 14.50                         | 363                                            | Yes                     |
| 19      | 16                      | 19.40                         | 237                                            | Yes                     |
| 20      | 15                      | 18.00                         | 306                                            | Yes                     |
| 21      | 15                      | 17.90                         | 260                                            | Yes                     |
| 22      | 13                      | 13.60                         | 309                                            | Yes                     |
| 23      | 13                      | 13.40                         | 312                                            | Yes                     |
| 24      | 16                      | 19.60                         | 225                                            | Yes                     |
| 25      | 14                      | 15.10                         | 244                                            | Yes                     |
| 26      | 15                      | 17.40                         | 455                                            | Yes                     |
| 27      | 12                      | 11.90                         | 447                                            | Yes                     |
| 28      | 12                      | 11.30                         | 293                                            | Yes                     |
| 29      | 15                      | 17.30                         | 251                                            | Yes                     |
| 30      | 15                      | 17.50                         | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 1                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 2                   | 70.9                              | 11                   | 1382                              | -                                 | 607199                                         |
| 2                          | 1                   | 51.3                              | 11                   | -                                 | -                                 | 831313                                         |
| 3                          | 2                   | 82.3                              | 11                   | 1697                              | -                                 | 133304                                         |
| 4                          | 1                   | 58.5                              | 11                   | -                                 | -                                 | 357129                                         |
| 5                          | 2                   | 69.2                              | 11                   | 1302                              | -                                 | 579986                                         |
| 6                          | 2                   | 71.3                              | 11                   | 1251                              | -                                 | 803177                                         |
| 7                          | 3                   | 83.7                              | 11                   | 1315                              | 1698                              | 105610                                         |
| 8                          | 2                   | 82.2                              | 11                   | 1191                              | -                                 | 329049                                         |
| 9                          | 3                   | 91.2                              | 11                   | 1972                              | 1709                              | 551064                                         |
| 10                         | 2                   | 76.2                              | 11                   | 1467                              | -                                 | 775416                                         |
| 11                         | 3                   | 85                                | 11                   | 1012                              | 1578                              | 78236                                          |
| 12                         | 1                   | 57.6                              | 11                   | -                                 | -                                 | 302017                                         |
| 13                         | 1                   | 56.3                              | 11                   | -                                 | -                                 | 525297                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 2                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 3                   | 95                                | 5                    | 1948                              | 1185                              | 1215242                                        |
| 2                          | 3                   | 99                                | 5                    | 1833                              | 1351                              | 82642                                          |
| 3                          | 3                   | 98.7                              | 5                    | 1412                              | 1525                              | 445268                                         |
| 4                          | 1                   | 65.3                              | 5                    | -                                 | -                                 | 809471                                         |
| 5                          | 2                   | 69.8                              | 5                    | 1820                              | -                                 | 1171763                                        |
| 6                          | 3                   | 96.3                              | 5                    | 1620                              | 1270                              | 37958                                          |
| 7                          | 3                   | 89                                | 5                    | 1614                              | 1240                              | 400567                                         |
| 8                          | 3                   | 88.1                              | 5                    | 1692                              | 1258                              | 763386                                         |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 3                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 64.4                              | 15                   | -                                 | -                                 | 563639                                         |
| 2                          | 1                   | 63.6                              | 15                   | -                                 | -                                 | 744683                                         |
| 3                          | 3                   | 97.8                              | 15                   | 1746                              | 1217                              | 177507                                         |
| 4                          | 2                   | 73                                | 15                   | 1524                              | -                                 | 358876                                         |
| 5                          | 3                   | 85.4                              | 15                   | 1057                              | 1716                              | 539290                                         |
| 6                          | 1                   | 55.3                              | 15                   | -                                 | -                                 | 722581                                         |
| 7                          | 1                   | 52                                | 15                   | -                                 | -                                 | 155839                                         |
| 8                          | 3                   | 84.6                              | 15                   | 1889                              | 1455                              | 335932                                         |
| 9                          | 3                   | 86.2                              | 15                   | 1902                              | 1936                              | 516275                                         |
| 10                         | 2                   | 74.4                              | 15                   | 1426                              | -                                 | 699401                                         |
| 11                         | 1                   | 53.1                              | 15                   | -                                 | -                                 | 133412                                         |
| 12                         | 2                   | 77.6                              | 15                   | 1236                              | -                                 | 314332                                         |
| 13                         | 3                   | 99.9                              | 15                   | 1862                              | 1721                              | 494102                                         |
| 14                         | 2                   | 77.2                              | 15                   | 1453                              | -                                 | 677010                                         |
| 15                         | 3                   | 98.2                              | 15                   | 1591                              | 1827                              | 110557                                         |
| 16                         | 2                   | 71.6                              | 15                   | 1335                              | -                                 | 292150                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 4                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 10                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 58                                | 7                    | -                                 | -                                 | 759061                                         |
| 2                          | 3                   | 94.7                              | 7                    | 1046                              | 1513                              | 1047665                                        |
| 3                          | 1                   | 54.7                              | 7                    | -                                 | -                                 | 142025                                         |
| 4                          | 2                   | 81.4                              | 7                    | 1966                              | -                                 | 431913                                         |
| 5                          | 1                   | 52.7                              | 7                    | -                                 | -                                 | 723717                                         |
| 6                          | 3                   | 88.9                              | 7                    | 1327                              | 1969                              | 1011358                                        |
| 7                          | 3                   | 92.7                              | 7                    | 1585                              | 1636                              | 105956                                         |
| 8                          | 1                   | 58.7                              | 7                    | -                                 | -                                 | 396842                                         |
| 9                          | 2                   | 73.6                              | 7                    | 1789                              | -                                 | 686677                                         |
| 10                         | 1                   | 58.2                              | 7                    | -                                 | -                                 | 978013                                         |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 5                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 12                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 66.8                              | 11                   | 1145                              | -                                 | 58664                                          |
| 2                          | 3                   | 93.5                              | 11                   | 1764                              | 1886                              | 299898                                         |
| 3                          | 1                   | 54                                | 11                   | -                                 | -                                 | 542901                                         |
| 4                          | 2                   | 67.6                              | 11                   | 1324                              | -                                 | 784160                                         |
| 5                          | 3                   | 90.2                              | 11                   | 1468                              | 1142                              | 28810                                          |
| 6                          | 3                   | 91.6                              | 11                   | 1022                              | 1791                              | 270254                                         |
| 7                          | 3                   | 96.8                              | 11                   | 1409                              | 1157                              | 511938                                         |
| 8                          | 1                   | 61.1                              | 11                   | -                                 | -                                 | 755530                                         |
| 9                          | 1                   | 56.4                              | 11                   | -                                 | -                                 | 997935                                         |
| 10                         | 3                   | 87.8                              | 11                   | 1678                              | 1523                              | 240450                                         |
| 11                         | 3                   | 84.6                              | 11                   | 1132                              | 1844                              | 481823                                         |
| 12                         | 3                   | 85.6                              | 11                   | 1136                              | 1816                              | 723679                                         |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 6                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 3                   | 83.8                              | 11                   | 1584                              | 1503                              | 890008                                         |
| 2                          | 1                   | 66                                | 11                   | -                                 | -                                 | 195201                                         |
| 3                          | 2                   | 81.6                              | 11                   | 1977                              | -                                 | 417667                                         |
| 4                          | 3                   | 97.6                              | 11                   | 1331                              | 1715                              | 639665                                         |
| 5                          | 1                   | 54.9                              | 11                   | -                                 | -                                 | 865462                                         |
| 6                          | 1                   | 51.7                              | 11                   | -                                 | -                                 | 167535                                         |
| 7                          | 2                   | 81.9                              | 11                   | 1640                              | -                                 | 390545                                         |
| 8                          | 2                   | 80.1                              | 11                   | 1233                              | -                                 | 613616                                         |
| 9                          | 1                   | 56.5                              | 11                   | -                                 | -                                 | 837979                                         |
| 10                         | 2                   | 67.8                              | 11                   | 1045                              | -                                 | 139906                                         |
| 11                         | 1                   | 50.7                              | 11                   | -                                 | -                                 | 363458                                         |
| 12                         | 2                   | 77                                | 11                   | 1479                              | -                                 | 586052                                         |
| 13                         | 1                   | 57.2                              | 11                   | -                                 | -                                 | 810838                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 7                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 75.1                              | 15                   | 1769                              | -                                 | 91197                                          |
| 2                          | 3                   | 91.6                              | 15                   | 1690                              | 1912                              | 271553                                         |
| 3                          | 1                   | 57.5                              | 15                   | -                                 | -                                 | 454401                                         |
| 4                          | 3                   | 85.3                              | 15                   | 1774                              | 1039                              | 633163                                         |
| 5                          | 2                   | 75.6                              | 15                   | 1434                              | -                                 | 68851                                          |
| 6                          | 2                   | 71                                | 15                   | 1574                              | -                                 | 250051                                         |
| 7                          | 3                   | 89                                | 15                   | 1732                              | 2000                              | 429767                                         |
| 8                          | 3                   | 99.5                              | 15                   | 1876                              | 1919                              | 610208                                         |
| 9                          | 2                   | 77.2                              | 15                   | 1396                              | -                                 | 46567                                          |
| 10                         | 3                   | 88.5                              | 15                   | 1836                              | 1669                              | 227089                                         |
| 11                         | 1                   | 58.5                              | 15                   | -                                 | -                                 | 409743                                         |
| 12                         | 2                   | 80.5                              | 15                   | 1347                              | -                                 | 590364                                         |
| 13                         | 2                   | 68.6                              | 15                   | 1182                              | -                                 | 24251                                          |
| 14                         | 3                   | 84.3                              | 15                   | 1831                              | 1207                              | 205117                                         |
| 15                         | 1                   | 61.5                              | 15                   | -                                 | -                                 | 387117                                         |
| 16                         | 2                   | 80.9                              | 15                   | 1020                              | -                                 | 568481                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 8                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.8                              | 15                   | 1897                              | 1326                              | 1922                                           |
| 2                          | 2                   | 70.8                              | 15                   | 1202                              | -                                 | 183135                                         |
| 3                          | 1                   | 60.4                              | 15                   | -                                 | -                                 | 365239                                         |
| 4                          | 3                   | 87                                | 15                   | 1198                              | 1887                              | 544337                                         |
| 5                          | 2                   | 72.5                              | 15                   | 1195                              | -                                 | 726686                                         |
| 6                          | 1                   | 60.8                              | 15                   | -                                 | -                                 | 161024                                         |
| 7                          | 3                   | 88.7                              | 15                   | 1871                              | 1528                              | 341123                                         |
| 8                          | 3                   | 99.9                              | 15                   | 1856                              | 1624                              | 521648                                         |
| 9                          | 1                   | 55.1                              | 15                   | -                                 | -                                 | 706035                                         |
| 10                         | 3                   | 83.9                              | 15                   | 1680                              | 1515                              | 138102                                         |
| 11                         | 3                   | 90.9                              | 15                   | 1651                              | 1832                              | 318623                                         |
| 12                         | 2                   | 76.9                              | 15                   | 1060                              | -                                 | 501191                                         |
| 13                         | 3                   | 93.6                              | 15                   | 1232                              | 1770                              | 680186                                         |
| 14                         | 1                   | 51.7                              | 15                   | -                                 | -                                 | 116307                                         |
| 15                         | 3                   | 99.1                              | 15                   | 1447                              | 1587                              | 296583                                         |
| 16                         | 3                   | 92.8                              | 15                   | 1784                              | 1988                              | 477298                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 9                 |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 18                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5500              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 77.1                        | 18                | 1939                        | -                           | 585571                                   |
| 2                          | 1                | 60.3                        | 18                | -                           | -                           | 83502                                    |
| 3                          | 1                | 65                          | 18                | -                           | -                           | 244916                                   |
| 4                          | 3                | 100                         | 18                | 1951                        | 1171                        | 404134                                   |
| 5                          | 3                | 89.3                        | 18                | 1193                        | 1390                        | 565408                                   |
| 6                          | 2                | 75.8                        | 18                | 1135                        | -                           | 63552                                    |
| 7                          | 2                | 80.9                        | 18                | 1495                        | -                           | 224406                                   |
| 8                          | 2                | 66.8                        | 18                | 1802                        | -                           | 385110                                   |
| 9                          | 3                | 95.7                        | 18                | 1612                        | 1160                        | 545529                                   |
| 10                         | 3                | 86.1                        | 18                | 1101                        | 1063                        | 43672                                    |
| 11                         | 1                | 56.5                        | 18                | -                           | -                           | 205230                                   |
| 12                         | 2                | 77.6                        | 18                | 1179                        | -                           | 365860                                   |
| 13                         | 2                | 73.1                        | 18                | 1787                        | -                           | 526215                                   |
| 14                         | 2                | 67                          | 18                | 1385                        | -                           | 23888                                    |
| 15                         | 3                | 86.4                        | 18                | 1489                        | 1890                        | 184254                                   |
| 16                         | 2                | 67.5                        | 18                | 1111                        | -                           | 345991                                   |
| 17                         | 2                | 70.3                        | 18                | 1682                        | -                           | 506567                                   |
| 18                         | 3                | 99.3                        | 18                | 1345                        | 1870                        | 4047                                     |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                                | 10                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 14                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                | 67.7                           | 13                   | 1476                              | -                                 | 212375                                         |
| 2                          | 3                | 97.1                           | 13                   | 1205                              | 1761                              | 418752                                         |
| 3                          | 3                | 90.4                           | 13                   | 1828                              | 1708                              | 625138                                         |
| 4                          | 3                | 90.1                           | 13                   | 1516                              | 1729                              | 831992                                         |
| 5                          | 3                | 84.7                           | 13                   | 1075                              | 1618                              | 186521                                         |
| 6                          | 1                | 64.2                           | 13                   | -                                 | -                                 | 394926                                         |
| 7                          | 1                | 52.9                           | 13                   | -                                 | -                                 | 602135                                         |
| 8                          | 1                | 57.7                           | 13                   | -                                 | -                                 | 809694                                         |
| 9                          | 2                | 80.2                           | 13                   | 1079                              | -                                 | 161347                                         |
| 10                         | 3                | 91.8                           | 13                   | 1373                              | 1474                              | 368017                                         |
| 11                         | 2                | 80.1                           | 13                   | 1509                              | -                                 | 575778                                         |
| 12                         | 1                | 62                             | 13                   | -                                 | -                                 | 784102                                         |
| 13                         | 1                | 55.9                           | 13                   | -                                 | -                                 | 136067                                         |
| 14                         | 2                | 75.5                           | 13                   | 1666                              | -                                 | 342992                                         |
| 15                         |                  |                                |                      |                                   |                                   |                                                |
| 16                         |                  |                                |                      |                                   |                                   |                                                |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 11                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5497                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 89.4                              | 16                   | 1051                              | 1159                              | 451948                                         |
| 2                          | 1                   | 65.8                              | 16                   | -                                 | -                                 | 624728                                         |
| 3                          | 1                   | 53.4                              | 16                   | -                                 | -                                 | 91018                                          |
| 4                          | 1                   | 58.2                              | 16                   | -                                 | -                                 | 261908                                         |
| 5                          | 2                   | 69.2                              | 16                   | 1226                              | -                                 | 431731                                         |
| 6                          | 1                   | 61.6                              | 16                   | -                                 | -                                 | 603105                                         |
| 7                          | 3                   | 91.6                              | 16                   | 1710                              | 1562                              | 69564                                          |
| 8                          | 1                   | 62.9                              | 16                   | -                                 | -                                 | 240718                                         |
| 9                          | 3                   | 89.9                              | 16                   | 1803                              | 1181                              | 410065                                         |
| 10                         | 3                   | 93.7                              | 16                   | 1164                              | 1536                              | 580325                                         |
| 11                         | 3                   | 91.3                              | 16                   | 1767                              | 1148                              | 48709                                          |
| 12                         | 3                   | 86.5                              | 16                   | 1180                              | 1220                              | 218933                                         |
| 13                         | 1                   | 54.2                              | 16                   | -                                 | -                                 | 390758                                         |
| 14                         | 1                   | 61                                | 16                   | -                                 | -                                 | 561746                                         |
| 15                         | 2                   | 76.7                              | 16                   | 1655                              | -                                 | 27773                                          |
| 16                         | 3                   | 88.1                              | 16                   | 1952                              | 1566                              | 197585                                         |
| 17                         | 3                   | 97.6                              | 16                   | 1773                              | 1501                              | 367727                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 12                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5493                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 73.4                              | 7                    | 1888                              | -                                 | 1019942                                        |
| 2                          | 1                   | 56.6                              | 7                    | -                                 | -                                 | 12854                                          |
| 3                          | 3                   | 94.4                              | 7                    | 1759                              | 1850                              | 334863                                         |
| 4                          | 3                   | 84                                | 7                    | 1571                              | 1050                              | 657635                                         |
| 5                          | 1                   | 52                                | 7                    | -                                 | -                                 | 982049                                         |
| 6                          | 1                   | 52.4                              | 7                    | -                                 | -                                 | 1304427                                        |
| 7                          | 3                   | 87                                | 7                    | 1413                              | 1603                              | 295368                                         |
| 8                          | 2                   | 75.6                              | 7                    | 1799                              | -                                 | 618483                                         |
| 9                          | 1                   | 50.8                              | 7                    | -                                 | -                                 | 941856                                         |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

|                            |                  |                             |                   |                             |                             |                                          |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Trial Number:              |                  |                             | 13                |                             |                             | Detection<br>(Yes/No)                    |
| Number of Bursts in Trial: |                  |                             | 9                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5493              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 97.1                        | 7                 | 1124                        | 1909                        | 1261910                                  |
| 2                          | 2                | 81.5                        | 7                 | 1813                        | -                           | 255887                                   |
| 3                          | 3                | 95.7                        | 7                 | 1792                        | 1016                        | 577927                                   |
| 4                          | 3                | 89.1                        | 7                 | 1130                        | 1439                        | 900498                                   |
| 5                          | 3                | 86.7                        | 7                 | 1756                        | 1625                        | 1222410                                  |
| 6                          | 3                | 83.7                        | 7                 | 1069                        | 1605                        | 216070                                   |
| 7                          | 2                | 80.2                        | 7                 | 1406                        | -                           | 539027                                   |
| 8                          | 2                | 81.1                        | 7                 | 1840                        | -                           | 861642                                   |
| 9                          | 3                | 88.3                        | 7                 | 1015                        | 1613                        | 1183462                                  |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                                | 14                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 19                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 57.3                           | 19                   | -                                 | -                                 | 83657                                          |
| 2                          | 1                | 63.6                           | 19                   | -                                 | -                                 | 236510                                         |
| 3                          | 2                | 78.1                           | 19                   | 1005                              | -                                 | 388745                                         |
| 4                          | 3                | 98.3                           | 19                   | 1673                              | 1959                              | 538752                                         |
| 5                          | 1                | 58.6                           | 19                   | -                                 | -                                 | 64765                                          |
| 6                          | 1                | 57.6                           | 19                   | -                                 | -                                 | 217755                                         |
| 7                          | 1                | 54.8                           | 19                   | -                                 | -                                 | 370463                                         |
| 8                          | 1                | 57.1                           | 19                   | -                                 | -                                 | 523592                                         |
| 9                          | 3                | 96.7                           | 19                   | 1055                              | 1557                              | 45797                                          |
| 10                         | 3                | 98.8                           | 19                   | 1496                              | 1768                              | 197619                                         |
| 11                         | 3                | 98.3                           | 19                   | 1545                              | 1488                              | 350107                                         |
| 12                         | 1                | 59.9                           | 19                   | -                                 | -                                 | 504004                                         |
| 13                         | 3                | 91.9                           | 19                   | 1477                              | 1375                              | 26999                                          |
| 14                         | 2                | 81                             | 19                   | 1206                              | -                                 | 179500                                         |
| 15                         | 3                | 92.1                           | 19                   | 1177                              | 1128                              | 331668                                         |
| 16                         | 3                | 94.2                           | 19                   | 1962                              | 1309                              | 482717                                         |
| 17                         | 1                | 56.6                           | 19                   | -                                 | -                                 | 8312                                           |
| 18                         | 1                | 55.4                           | 19                   | -                                 | -                                 | 161086                                         |
| 19                         | 1                | 61.6                           | 19                   | -                                 | -                                 | 314108                                         |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                     |                                   | 15                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 91.6                              | 20                   | 1580                              | 1381                              | 441397                                         |
| 2                          | 3                   | 87.4                              | 20                   | 1262                              | 1433                              | 585754                                         |
| 3                          | 1                   | 63.4                              | 20                   | -                                 | -                                 | 135072                                         |
| 4                          | 1                   | 66.4                              | 20                   | -                                 | -                                 | 280436                                         |
| 5                          | 2                   | 82.7                              | 20                   | 1095                              | -                                 | 424736                                         |
| 6                          | 2                   | 68.4                              | 20                   | 1993                              | -                                 | 568830                                         |
| 7                          | 1                   | 64.6                              | 20                   | -                                 | -                                 | 117266                                         |
| 8                          | 1                   | 60.1                              | 20                   | -                                 | -                                 | 262551                                         |
| 9                          | 2                   | 67.3                              | 20                   | 1312                              | -                                 | 406661                                         |
| 10                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 552941                                         |
| 11                         | 1                   | 56.9                              | 20                   | -                                 | -                                 | 99449                                          |
| 12                         | 1                   | 57.6                              | 20                   | -                                 | -                                 | 244579                                         |
| 13                         | 1                   | 56.2                              | 20                   | -                                 | -                                 | 389593                                         |
| 14                         | 2                   | 73.2                              | 20                   | 1551                              | -                                 | 533593                                         |
| 15                         | 2                   | 72.8                              | 20                   | 1999                              | -                                 | 81275                                          |
| 16                         | 2                   | 69.4                              | 20                   | 1590                              | -                                 | 226227                                         |
| 17                         | 2                   | 74.5                              | 20                   | 1222                              | -                                 | 371370                                         |
| 18                         | 2                   | 69.5                              | 20                   | 1762                              | -                                 | 515331                                         |
| 19                         | 2                   | 75.2                              | 20                   | 1019                              | -                                 | 63582                                          |
| 20                         | 3                   | 98                                | 20                   | 1162                              | 1623                              | 207953                                         |

| Trial Number:              |                     |                                   | 16                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86.7                              | 20                   | 1549                              | 1374                              | 352049                                         |
| 2                          | 2                   | 79.1                              | 20                   | 1254                              | -                                 | 497748                                         |
| 3                          | 3                   | 94.9                              | 20                   | 1961                              | 1600                              | 45515                                          |
| 4                          | 1                   | 55.7                              | 20                   | -                                 | -                                 | 190982                                         |
| 5                          | 3                   | 88.3                              | 20                   | 1847                              | 1170                              | 334166                                         |
| 6                          | 2                   | 77.3                              | 20                   | 1304                              | -                                 | 480171                                         |
| 7                          | 3                   | 90.9                              | 20                   | 1511                              | 1174                              | 27762                                          |
| 8                          | 1                   | 55.1                              | 20                   | -                                 | -                                 | 173126                                         |
| 9                          | 1                   | 50.5                              | 20                   | -                                 | -                                 | 318414                                         |
| 10                         | 1                   | 53.5                              | 20                   | -                                 | -                                 | 463010                                         |
| 11                         | 3                   | 95                                | 20                   | 1878                              | 1604                              | 9959                                           |
| 12                         | 2                   | 80                                | 20                   | 1083                              | -                                 | 155010                                         |
| 13                         | 2                   | 78.2                              | 20                   | 1349                              | -                                 | 299713                                         |
| 14                         | 2                   | 68.5                              | 20                   | 1683                              | -                                 | 444115                                         |
| 15                         | 3                   | 89.5                              | 20                   | 1332                              | 1425                              | 588262                                         |
| 16                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 137310                                         |
| 17                         | 3                   | 94                                | 20                   | 1498                              | 1824                              | 281009                                         |
| 18                         | 3                   | 97.2                              | 20                   | 1895                              | 1307                              | 425163                                         |
| 19                         | 3                   | 95.4                              | 20                   | 1684                              | 1073                              | 569988                                         |
| 20                         | 2                   | 79.8                              | 20                   | 1821                              | -                                 | 119008                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 17                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 11                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5494              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 94.1                        | 9                 | 1689                        | 1235                        | 480128                                   |
| 2                          | 3                | 97.6                        | 9                 | 1081                        | 1911                        | 743417                                   |
| 3                          | 3                | 87.5                        | 9                 | 1838                        | 1734                        | 1006741                                  |
| 4                          | 1                | 56.3                        | 9                 | -                           | -                           | 184879                                   |
| 5                          | 3                | 89.8                        | 9                 | 1918                        | 1893                        | 447627                                   |
| 6                          | 3                | 91.1                        | 9                 | 1363                        | 1230                        | 711688                                   |
| 7                          | 3                | 92.1                        | 9                 | 1917                        | 1494                        | 974691                                   |
| 8                          | 3                | 86.7                        | 9                 | 1724                        | 1953                        | 151749                                   |
| 9                          | 2                | 69.1                        | 9                 | 1168                        | -                           | 415928                                   |
| 10                         | 1                | 61.5                        | 9                 | -                           | -                           | 680436                                   |
| 11                         | 2                | 67.6                        | 9                 | 1915                        | -                           | 943634                                   |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 18                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 13                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5495              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 74.7                        | 11                | 1219                        | -                           | 101179                                   |
| 2                          | 2                | 81.5                        | 11                | 1042                        | -                           | 324386                                   |
| 3                          | 1                | 57.5                        | 11                | -                           | -                           | 548137                                   |
| 4                          | 2                | 74.9                        | 11                | 1826                        | -                           | 770026                                   |
| 5                          | 1                | 62.5                        | 11                | -                           | -                           | 73723                                    |
| 6                          | 3                | 92.5                        | 11                | 1814                        | 1507                        | 296235                                   |
| 7                          | 1                | 57.6                        | 11                | -                           | -                           | 520928                                   |
| 8                          | 2                | 78.2                        | 11                | 1127                        | -                           | 743021                                   |
| 9                          | 1                | 55.3                        | 11                | -                           | -                           | 46185                                    |
| 10                         | 2                | 77.6                        | 11                | 1639                        | -                           | 269166                                   |
| 11                         | 1                | 59.5                        | 11                | -                           | -                           | 493048                                   |
| 12                         | 1                | 59.5                        | 11                | -                           | -                           | 717011                                   |
| 13                         | 1                | 63.8                        | 11                | -                           | -                           | 18668                                    |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                                | 19                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 55.8                           | 19                   | -                                 | -                                 | 157334                                         |
| 2                          | 2                | 76.9                           | 19                   | 1243                              | -                                 | 301806                                         |
| 3                          | 2                | 79.5                           | 19                   | 1801                              | -                                 | 446145                                         |
| 4                          | 3                | 87.7                           | 19                   | 1166                              | 1342                              | 590319                                         |
| 5                          | 3                | 83.8                           | 19                   | 1210                              | 1279                              | 138872                                         |
| 6                          | 2                | 71.9                           | 19                   | 1923                              | -                                 | 283437                                         |
| 7                          | 2                | 75.5                           | 19                   | 1134                              | -                                 | 429046                                         |
| 8                          | 2                | 77.4                           | 19                   | 1419                              | -                                 | 573513                                         |
| 9                          | 2                | 74.1                           | 19                   | 1416                              | -                                 | 121184                                         |
| 10                         | 3                | 95.4                           | 19                   | 1411                              | 1938                              | 265119                                         |
| 11                         | 1                | 53.8                           | 19                   | -                                 | -                                 | 411866                                         |
| 12                         | 3                | 89.2                           | 19                   | 1699                              | 1804                              | 553902                                         |
| 13                         | 3                | 91.6                           | 19                   | 1268                              | 1266                              | 103191                                         |
| 14                         | 3                | 88.6                           | 19                   | 1929                              | 1484                              | 247349                                         |
| 15                         | 1                | 65.9                           | 19                   | -                                 | -                                 | 394268                                         |
| 16                         | 3                | 97.3                           | 19                   | 1275                              | 1738                              | 536731                                         |
| 17                         | 3                | 85.3                           | 19                   | 1238                              | 1641                              | 85351                                          |
| 18                         | 1                | 54.1                           | 19                   | -                                 | -                                 | 231087                                         |
| 19                         | 3                | 86.1                           | 19                   | 1106                              | 1377                              | 374638                                         |
| 20                         | 3                | 89                             | 19                   | 1843                              | 1922                              | 518062                                         |

| Trial Number:              |                  |                                | 20                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5497                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                | 86                             | 17                   | 1652                              | 1514                              | 75125                                          |
| 2                          | 2                | 70.2                           | 17                   | 1105                              | -                                 | 236228                                         |
| 3                          | 3                | 98.5                           | 17                   | 1510                              | 1579                              | 396075                                         |
| 4                          | 2                | 70.7                           | 17                   | 1285                              | -                                 | 558371                                         |
| 5                          | 3                | 93.7                           | 17                   | 1430                              | 1880                              | 55333                                          |
| 6                          | 2                | 77                             | 17                   | 1964                              | -                                 | 216304                                         |
| 7                          | 1                | 58.4                           | 17                   | -                                 | -                                 | 377945                                         |
| 8                          | 3                | 86.3                           | 17                   | 1103                              | 1172                              | 537526                                         |
| 9                          | 2                | 68.9                           | 17                   | 1608                              | -                                 | 35623                                          |
| 10                         | 3                | 90.1                           | 17                   | 1322                              | 1861                              | 196118                                         |
| 11                         | 1                | 52.2                           | 17                   | -                                 | -                                 | 358570                                         |
| 12                         | 3                | 84.6                           | 17                   | 1074                              | 1506                              | 517769                                         |
| 13                         | 3                | 88                             | 17                   | 1252                              | 1712                              | 15749                                          |
| 14                         | 2                | 73.7                           | 17                   | 1469                              | -                                 | 176631                                         |
| 15                         | 1                | 50.4                           | 17                   | -                                 | -                                 | 338454                                         |
| 16                         | 1                | 62.8                           | 17                   | -                                 | -                                 | 499627                                         |
| 17                         | 1                | 61.6                           | 17                   | -                                 | -                                 | 660942                                         |
| 18                         | 1                | 54.3                           | 17                   | -                                 | -                                 | 157339                                         |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                                | 21                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5503                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 52.9                           | 17                   | -                                 | -                                 | 337360                                         |
| 2                          | 3                | 97.2                           | 17                   | 1705                              | 1344                              | 506316                                         |
| 3                          | 3                | 86.1                           | 17                   | 1581                              | 1865                              | 675558                                         |
| 4                          | 3                | 90.2                           | 17                   | 1392                              | 1973                              | 144799                                         |
| 5                          | 1                | 50.6                           | 17                   | -                                 | -                                 | 316543                                         |
| 6                          | 3                | 86.2                           | 17                   | 1879                              | 1048                              | 485387                                         |
| 7                          | 1                | 53.6                           | 17                   | -                                 | -                                 | 657637                                         |
| 8                          | 3                | 85.7                           | 17                   | 1896                              | 1286                              | 123880                                         |
| 9                          | 2                | 70.9                           | 17                   | 1291                              | -                                 | 294768                                         |
| 10                         | 1                | 53.8                           | 17                   | -                                 | -                                 | 466451                                         |
| 11                         | 3                | 91.8                           | 17                   | 1718                              | 1668                              | 634304                                         |
| 12                         | 2                | 81                             | 17                   | 1931                              | -                                 | 103187                                         |
| 13                         | 2                | 70                             | 17                   | 1538                              | -                                 | 273497                                         |
| 14                         | 2                | 73.4                           | 17                   | 1343                              | -                                 | 444521                                         |
| 15                         | 2                | 73.5                           | 17                   | 1606                              | -                                 | 614358                                         |
| 16                         | 2                | 70.5                           | 17                   | 1845                              | -                                 | 82116                                          |
| 17                         | 2                | 77.9                           | 17                   | 1825                              | -                                 | 252655                                         |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 22                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5506                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 85.7                              | 9                    | 1218                              | 1311                              | 654030                                         |
| 2                          | 2                   | 78.4                              | 9                    | 1121                              | -                                 | 919132                                         |
| 3                          | 1                   | 58.7                              | 9                    | -                                 | -                                 | 94901                                          |
| 4                          | 3                   | 94.1                              | 9                    | 1830                              | 1239                              | 358055                                         |
| 5                          | 1                   | 56.8                              | 9                    | -                                 | -                                 | 623240                                         |
| 6                          | 1                   | 63.5                              | 9                    | -                                 | -                                 | 887667                                         |
| 7                          | 3                   | 89.3                              | 9                    | 1104                              | 1881                              | 62168                                          |
| 8                          | 1                   | 58.4                              | 9                    | -                                 | -                                 | 326679                                         |
| 9                          | 3                   | 84                                | 9                    | 1329                              | 1956                              | 589054                                         |
| 10                         | 3                   | 93.1                              | 9                    | 1273                              | 1209                              | 853238                                         |
| 11                         | 2                   | 69.3                              | 9                    | 1530                              | -                                 | 29741                                          |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 23                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 11                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5506              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 51.2                        | 9                 | -                           | -                           | 293866                                   |
| 2                          | 2                | 67.9                        | 9                 | 1269                        | -                           | 557469                                   |
| 3                          | 3                | 88.2                        | 9                 | 1149                        | 1085                        | 820457                                   |
| 4                          | 1                | 53                          | 9                 | -                           | -                           | 1086765                                  |
| 5                          | 3                | 85.6                        | 9                 | 1775                        | 1084                        | 260785                                   |
| 6                          | 2                | 81                          | 9                 | 1359                        | -                           | 525208                                   |
| 7                          | 1                | 51.2                        | 9                 | -                           | -                           | 790203                                   |
| 8                          | 3                | 88.9                        | 9                 | 1125                        | 1535                        | 1051826                                  |
| 9                          | 1                | 52.9                        | 9                 | -                           | -                           | 228918                                   |
| 10                         | 3                | 95.8                        | 9                 | 1176                        | 1872                        | 491843                                   |
| 11                         | 2                | 69.6                        | 9                 | 1748                        | -                           | 756254                                   |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 24                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 20                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5502              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 62.3                        | 20                | -                           | -                           | 560780                                   |
| 2                          | 2                | 67                          | 20                | 1996                        | -                           | 107438                                   |
| 3                          | 1                | 58                          | 20                | -                           | -                           | 253061                                   |
| 4                          | 1                | 56                          | 20                | -                           | -                           | 398446                                   |
| 5                          | 1                | 54.5                        | 20                | -                           | -                           | 543173                                   |
| 6                          | 3                | 94.5                        | 20                | 1616                        | 1901                        | 89399                                    |
| 7                          | 3                | 88                          | 20                | 1089                        | 1864                        | 233999                                   |
| 8                          | 2                | 70.1                        | 20                | 1537                        | -                           | 379359                                   |
| 9                          | 2                | 78.9                        | 20                | 1967                        | -                           | 523377                                   |
| 10                         | 1                | 61.1                        | 20                | -                           | -                           | 72057                                    |
| 11                         | 2                | 67.4                        | 20                | 1334                        | -                           | 216769                                   |
| 12                         | 3                | 95.9                        | 20                | 1241                        | 1372                        | 360952                                   |
| 13                         | 1                | 64.7                        | 20                | -                           | -                           | 507805                                   |
| 14                         | 3                | 84.5                        | 20                | 1502                        | 1278                        | 53946                                    |
| 15                         | 1                | 52.8                        | 20                | -                           | -                           | 199418                                   |
| 16                         | 1                | 60.2                        | 20                | -                           | -                           | 344639                                   |
| 17                         | 3                | 96.2                        | 20                | 1190                        | 1271                        | 487382                                   |
| 18                         | 3                | 83.6                        | 20                | 1546                        | 1539                        | 36187                                    |
| 19                         | 3                | 96.8                        | 20                | 1822                        | 1766                        | 180359                                   |
| 20                         | 2                | 81.7                        | 20                | 1227                        | -                           | 326180                                   |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 25                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 13                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5505              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 66.6                        | 12                | -                           | -                           | 726874                                   |
| 2                          | 3                | 93.2                        | 12                | 1394                        | 1800                        | 28355                                    |
| 3                          | 3                | 84.4                        | 12                | 1499                        | 1199                        | 251235                                   |
| 4                          | 3                | 84.5                        | 12                | 1402                        | 1186                        | 474040                                   |
| 5                          | 1                | 53                          | 12                | -                           | -                           | 698740                                   |
| 6                          | 1                | 65.7                        | 12                | -                           | -                           | 920                                      |
| 7                          | 3                | 88.7                        | 12                | 1242                        | 1443                        | 223880                                   |
| 8                          | 3                | 95.4                        | 12                | 1599                        | 1589                        | 446310                                   |
| 9                          | 3                | 89                          | 12                | 1921                        | 1178                        | 669053                                   |
| 10                         | 2                | 72.1                        | 12                | 1231                        | -                           | 893528                                   |
| 11                         | 3                | 84.6                        | 12                | 1671                        | 1108                        | 196299                                   |
| 12                         | 2                | 67.6                        | 12                | 1899                        | -                           | 419465                                   |
| 13                         | 2                | 82.1                        | 12                | 1280                        | -                           | 642686                                   |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 26                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5503              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 66.1                        | 16                | -                           | -                           | 662723                                   |
| 2                          | 1                | 66.1                        | 16                | -                           | -                           | 129395                                   |
| 3                          | 3                | 91.7                        | 16                | 1011                        | 1481                        | 299281                                   |
| 4                          | 3                | 86.1                        | 16                | 1645                        | 1975                        | 468934                                   |
| 5                          | 1                | 50.7                        | 16                | -                           | -                           | 641821                                   |
| 6                          | 1                | 59                          | 16                | -                           | -                           | 108372                                   |
| 7                          | 3                | 94.8                        | 16                | 1570                        | 1987                        | 277744                                   |
| 8                          | 2                | 70.5                        | 16                | 1336                        | -                           | 449359                                   |
| 9                          | 1                | 63.9                        | 16                | -                           | -                           | 621069                                   |
| 10                         | 1                | 64.2                        | 16                | -                           | -                           | 87371                                    |
| 11                         | 1                | 58.2                        | 16                | -                           | -                           | 258228                                   |
| 12                         | 3                | 83.8                        | 16                | 1246                        | 1466                        | 427359                                   |
| 13                         | 2                | 72                          | 16                | 1841                        | -                           | 598006                                   |
| 14                         | 2                | 73.4                        | 16                | 1529                        | -                           | 66157                                    |
| 15                         | 2                | 68.6                        | 16                | 1388                        | -                           | 236547                                   |
| 16                         | 2                | 82.7                        | 16                | 1786                        | -                           | 407037                                   |
| 17                         | 2                | 70.8                        | 16                | 1346                        | -                           | 577790                                   |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 27                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 9                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5507              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 55.1                        | 6                 | -                           | -                           | 85640                                    |
| 2                          | 1                | 55.3                        | 6                 | -                           | -                           | 408607                                   |
| 3                          | 1                | 56.2                        | 6                 | -                           | -                           | 731574                                   |
| 4                          | 1                | 64                          | 6                 | -                           | -                           | 1054956                                  |
| 5                          | 1                | 52.9                        | 6                 | -                           | -                           | 45837                                    |
| 6                          | 2                | 69.2                        | 6                 | 1065                        | -                           | 368518                                   |
| 7                          | 2                | 82.7                        | 6                 | 1274                        | -                           | 691097                                   |
| 8                          | 2                | 73.5                        | 6                 | 1576                        | -                           | 1014019                                  |
| 9                          | 1                | 53                          | 6                 | -                           | -                           | 6040                                     |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 28                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 8                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5508              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 88.9                        | 5                 | 1026                        | 1601                        | 369525                                   |
| 2                          | 1                | 55.8                        | 5                 | -                           | -                           | 733454                                   |
| 3                          | 3                | 92.6                        | 5                 | 1818                        | 1500                        | 1095030                                  |
| 4                          | 2                | 81.1                        | 5                 | 1859                        | -                           | 1458288                                  |
| 5                          | 1                | 56.7                        | 5                 | -                           | -                           | 325401                                   |
| 6                          | 2                | 76.5                        | 5                 | 1338                        | -                           | 688434                                   |
| 7                          | 3                | 99.9                        | 5                 | 1785                        | 1044                        | 1050094                                  |
| 8                          | 1                | 63.7                        | 5                 | -                           | -                           | 1415546                                  |
| 9                          |                  |                             |                   |                             |                             |                                          |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 100 Bandwidth 20MHz**

| Trial Number:              |                  |                             | 29                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5503              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 98.7                        | 16                | 1099                        | 1010                        | 131465                                   |
| 2                          | 2                | 68.3                        | 16                | 1635                        | -                           | 302267                                   |
| 3                          | 1                | 61.2                        | 16                | -                           | -                           | 473813                                   |
| 4                          | 2                | 74.2                        | 16                | 1958                        | -                           | 643005                                   |
| 5                          | 3                | 95.4                        | 16                | 1894                        | 1471                        | 110364                                   |
| 6                          | 2                | 74.6                        | 16                | 1478                        | -                           | 281246                                   |
| 7                          | 1                | 52                          | 16                | -                           | -                           | 452261                                   |
| 8                          | 1                | 61.2                        | 16                | -                           | -                           | 623660                                   |
| 9                          | 1                | 52.6                        | 16                | -                           | -                           | 89894                                    |
| 10                         | 2                | 78.9                        | 16                | 1660                        | -                           | 260019                                   |
| 11                         | 2                | 76.1                        | 16                | 1790                        | -                           | 430404                                   |
| 12                         | 1                | 50.6                        | 16                | -                           | -                           | 601992                                   |
| 13                         | 2                | 81                          | 16                | 1094                        | -                           | 68702                                    |
| 14                         | 3                | 92.3                        | 16                | 1436                        | 1646                        | 238651                                   |
| 15                         | 2                | 70                          | 16                | 1518                        | -                           | 409560                                   |
| 16                         | 1                | 62.6                        | 16                | -                           | -                           | 581462                                   |
| 17                         | 2                | 68.2                        | 16                | 1779                        | -                           | 47653                                    |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 30                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5503              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 67                          | 16                | 1941                        | -                           | 217929                                   |
| 2                          | 2                | 79.2                        | 16                | 1027                        | -                           | 388798                                   |
| 3                          | 1                | 61.3                        | 16                | -                           | -                           | 559955                                   |
| 4                          | 2                | 68.1                        | 16                | 1290                        | -                           | 26671                                    |
| 5                          | 1                | 63.1                        | 16                | -                           | -                           | 197430                                   |
| 6                          | 3                | 97                          | 16                | 1924                        | 1259                        | 366904                                   |
| 7                          | 1                | 59                          | 16                | -                           | -                           | 539423                                   |
| 8                          | 1                | 62.5                        | 16                | -                           | -                           | 5687                                     |
| 9                          | 3                | 97.7                        | 16                | 1815                        | 1194                        | 175690                                   |
| 10                         | 2                | 70.1                        | 16                | 1086                        | -                           | 347019                                   |
| 11                         | 3                | 88.9                        | 16                | 1998                        | 1040                        | 516265                                   |
| 12                         | 2                | 77.9                        | 16                | 1658                        | -                           | 687162                                   |
| 13                         | 2                | 82.9                        | 16                | 1028                        | -                           | 155329                                   |
| 14                         | 1                | 57.4                        | 16                | -                           | -                           | 326404                                   |
| 15                         | 2                | 81.7                        | 16                | 1122                        | -                           | 496697                                   |
| 16                         | 3                | 83.9                        | 16                | 1851                        | 1965                        | 664622                                   |
| 17                         | 1                | 58.3                        | 16                | -                           | -                           | 134409                                   |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 1**  
**Channel 102 Bandwidth 40MHz**

| Trial # | Pulse Repetition<br>Frequency<br>Number (1 to 23) | Pulse Repetition<br>Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|---------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------|
| 1       | 8                                                 | 1519.76                                              | 658                                            | Yes                     |
| 2       | 5                                                 | 1672.24                                              | 598                                            | Yes                     |
| 3       | 15                                                | 1253.13                                              | 798                                            | Yes                     |
| 4       | 21                                                | 1089.32                                              | 918                                            | Yes                     |
| 5       | 16                                                | 1222.49                                              | 818                                            | Yes                     |
| 6       | 17                                                | 1193.32                                              | 838                                            | Yes                     |
| 7       | 23                                                | 326.16                                               | 3066                                           | Yes                     |
| 8       | 11                                                | 1392.76                                              | 718                                            | Yes                     |
| 9       | 13                                                | 1319.26                                              | 758                                            | Yes                     |
| 10      | 19                                                | 1138.95                                              | 878                                            | Yes                     |
| 11      | 9                                                 | 1474.93                                              | 678                                            | Yes                     |
| 12      | 4                                                 | 1730.10                                              | 578                                            | Yes                     |
| 13      | 22                                                | 1066.10                                              | 938                                            | Yes                     |
| 14      | 6                                                 | 1618.12                                              | 618                                            | Yes                     |
| 15      | 18                                                | 1165.50                                              | 858                                            | Yes                     |
| 16      |                                                   | 922.51                                               | 1084                                           | Yes                     |
| 17      |                                                   | 741.84                                               | 1348                                           | Yes                     |
| 18      |                                                   | 513.35                                               | 1948                                           | Yes                     |
| 19      |                                                   | 390.02                                               | 2564                                           | Yes                     |
| 20      |                                                   | 370.10                                               | 2702                                           | Yes                     |
| 21      |                                                   | 543.48                                               | 1840                                           | Yes                     |
| 22      |                                                   | 1652.89                                              | 605                                            | Yes                     |
| 23      |                                                   | 468.38                                               | 2135                                           | Yes                     |
| 24      |                                                   | 787.40                                               | 1270                                           | Yes                     |
| 25      |                                                   | 343.88                                               | 2908                                           | Yes                     |
| 26      |                                                   | 1821.49                                              | 549                                            | Yes                     |
| 27      |                                                   | 1254.71                                              | 797                                            | Yes                     |
| 28      |                                                   | 359.20                                               | 2784                                           | Yes                     |
| 29      |                                                   | 909.92                                               | 1099                                           | Yes                     |
| 30      |                                                   | 784.93                                               | 1274                                           | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 2**  
**Channel 102 Bandwidth 40MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 25                      | 2.70                          | 162                                            | Yes                     |
| 2       | 23                      | 1.10                          | 202                                            | Yes                     |
| 3       | 27                      | 3.60                          | 226                                            | Yes                     |
| 4       | 24                      | 1.70                          | 168                                            | Yes                     |
| 5       | 25                      | 2.50                          | 163                                            | Yes                     |
| 6       | 25                      | 2.70                          | 159                                            | Yes                     |
| 7       | 27                      | 3.70                          | 174                                            | Yes                     |
| 8       | 27                      | 3.60                          | 224                                            | Yes                     |
| 9       | 28                      | 4.30                          | 218                                            | Yes                     |
| 10      | 26                      | 3.10                          | 230                                            | Yes                     |
| 11      | 27                      | 3.80                          | 217                                            | Yes                     |
| 12      | 24                      | 1.60                          | 216                                            | Yes                     |
| 13      | 23                      | 1.50                          | 170                                            | Yes                     |
| 14      | 29                      | 4.60                          | 165                                            | Yes                     |
| 15      | 29                      | 5.00                          | 219                                            | Yes                     |
| 16      | 29                      | 4.90                          | 195                                            | Yes                     |
| 17      | 25                      | 2.20                          | 208                                            | Yes                     |
| 18      | 25                      | 2.60                          | 204                                            | Yes                     |
| 19      | 29                      | 4.70                          | 209                                            | Yes                     |
| 20      | 28                      | 4.10                          | 156                                            | Yes                     |
| 21      | 28                      | 4.10                          | 183                                            | Yes                     |
| 22      | 25                      | 2.10                          | 215                                            | Yes                     |
| 23      | 24                      | 2.10                          | 213                                            | Yes                     |
| 24      | 29                      | 4.90                          | 155                                            | Yes                     |
| 25      | 26                      | 2.80                          | 178                                            | Yes                     |
| 26      | 27                      | 3.90                          | 182                                            | Yes                     |
| 27      | 23                      | 1.40                          | 184                                            | Yes                     |
| 28      | 23                      | 1.10                          | 205                                            | Yes                     |
| 29      | 27                      | 3.80                          | 189                                            | Yes                     |
| 30      | 28                      | 3.90                          | 172                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 3**  
**Channel 102 Bandwidth 40MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 17                      | 7.70                          | 201                                            | Yes                     |
| 2       | 16                      | 6.10                          | 470                                            | Yes                     |
| 3       | 17                      | 8.60                          | 280                                            | Yes                     |
| 4       | 16                      | 6.70                          | 323                                            | Yes                     |
| 5       | 17                      | 7.50                          | 500                                            | Yes                     |
| 6       | 17                      | 7.70                          | 262                                            | Yes                     |
| 7       | 18                      | 8.70                          | 394                                            | Yes                     |
| 8       | 17                      | 8.60                          | 352                                            | Yes                     |
| 9       | 18                      | 9.30                          | 355                                            | Yes                     |
| 10      | 17                      | 8.10                          | 457                                            | Yes                     |
| 11      | 18                      | 8.80                          | 429                                            | Yes                     |
| 12      | 16                      | 6.60                          | 232                                            | Yes                     |
| 13      | 16                      | 6.50                          | 205                                            | Yes                     |
| 14      | 18                      | 9.60                          | 417                                            | Yes                     |
| 15      | 18                      | 10.00                         | 304                                            | Yes                     |
| 16      | 18                      | 9.90                          | 399                                            | Yes                     |
| 17      | 16                      | 7.20                          | 405                                            | Yes                     |
| 18      | 17                      | 7.60                          | 363                                            | Yes                     |
| 19      | 18                      | 9.70                          | 237                                            | Yes                     |
| 20      | 18                      | 9.10                          | 306                                            | Yes                     |
| 21      | 18                      | 9.10                          | 260                                            | Yes                     |
| 22      | 16                      | 7.10                          | 309                                            | Yes                     |
| 23      | 16                      | 7.10                          | 312                                            | Yes                     |
| 24      | 18                      | 9.90                          | 225                                            | Yes                     |
| 25      | 17                      | 7.80                          | 244                                            | Yes                     |
| 26      | 18                      | 8.90                          | 455                                            | Yes                     |
| 27      | 16                      | 6.40                          | 447                                            | Yes                     |
| 28      | 16                      | 6.10                          | 293                                            | Yes                     |
| 29      | 18                      | 8.80                          | 251                                            | Yes                     |
| 30      | 18                      | 8.90                          | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 4**  
**Channel 102 Bandwidth 40MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 14                      | 14.70                         | 201                                            | Yes                     |
| 2       | 12                      | 11.20                         | 470                                            | Yes                     |
| 3       | 15                      | 16.80                         | 280                                            | Yes                     |
| 4       | 12                      | 12.50                         | 323                                            | Yes                     |
| 5       | 13                      | 14.40                         | 500                                            | Yes                     |
| 6       | 14                      | 14.80                         | 262                                            | Yes                     |
| 7       | 15                      | 17.10                         | 394                                            | Yes                     |
| 8       | 15                      | 16.80                         | 352                                            | Yes                     |
| 9       | 16                      | 18.40                         | 355                                            | Yes                     |
| 10      | 14                      | 15.70                         | 457                                            | Yes                     |
| 11      | 15                      | 17.30                         | 429                                            | Yes                     |
| 12      | 12                      | 12.30                         | 232                                            | Yes                     |
| 13      | 12                      | 12.10                         | 205                                            | Yes                     |
| 14      | 16                      | 19.10                         | 417                                            | Yes                     |
| 15      | 16                      | 19.90                         | 304                                            | Yes                     |
| 16      | 16                      | 19.80                         | 399                                            | Yes                     |
| 17      | 13                      | 13.70                         | 405                                            | Yes                     |
| 18      | 13                      | 14.50                         | 363                                            | Yes                     |
| 19      | 16                      | 19.40                         | 237                                            | Yes                     |
| 20      | 15                      | 18.00                         | 306                                            | Yes                     |
| 21      | 15                      | 17.90                         | 260                                            | Yes                     |
| 22      | 13                      | 13.60                         | 309                                            | Yes                     |
| 23      | 13                      | 13.40                         | 312                                            | Yes                     |
| 24      | 16                      | 19.60                         | 225                                            | Yes                     |
| 25      | 14                      | 15.10                         | 244                                            | Yes                     |
| 26      | 15                      | 17.40                         | 455                                            | Yes                     |
| 27      | 12                      | 11.90                         | 447                                            | Yes                     |
| 28      | 12                      | 11.30                         | 293                                            | Yes                     |
| 29      | 15                      | 17.30                         | 251                                            | Yes                     |
| 30      | 15                      | 17.50                         | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                     |                                   | 1                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 70.9                              | 11                   | 1382                              | -                                 | 607199                                         |
| 2                          | 1                   | 51.3                              | 11                   | -                                 | -                                 | 831313                                         |
| 3                          | 2                   | 82.3                              | 11                   | 1697                              | -                                 | 133304                                         |
| 4                          | 1                   | 58.5                              | 11                   | -                                 | -                                 | 357129                                         |
| 5                          | 2                   | 69.2                              | 11                   | 1302                              | -                                 | 579986                                         |
| 6                          | 2                   | 71.3                              | 11                   | 1251                              | -                                 | 803177                                         |
| 7                          | 3                   | 83.7                              | 11                   | 1315                              | 1698                              | 105610                                         |
| 8                          | 2                   | 82.2                              | 11                   | 1191                              | -                                 | 329049                                         |
| 9                          | 3                   | 91.2                              | 11                   | 1972                              | 1709                              | 551064                                         |
| 10                         | 2                   | 76.2                              | 11                   | 1467                              | -                                 | 775416                                         |
| 11                         | 3                   | 85                                | 11                   | 1012                              | 1578                              | 78236                                          |
| 12                         | 1                   | 57.6                              | 11                   | -                                 | -                                 | 302017                                         |
| 13                         | 1                   | 56.3                              | 11                   | -                                 | -                                 | 525297                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 2                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 3                   | 95                                | 5                    | 1948                              | 1185                              | 1215242                                        |
| 2                          | 3                   | 99                                | 5                    | 1833                              | 1351                              | 82642                                          |
| 3                          | 3                   | 98.7                              | 5                    | 1412                              | 1525                              | 445268                                         |
| 4                          | 1                   | 65.3                              | 5                    | -                                 | -                                 | 809471                                         |
| 5                          | 2                   | 69.8                              | 5                    | 1820                              | -                                 | 1171763                                        |
| 6                          | 3                   | 96.3                              | 5                    | 1620                              | 1270                              | 37958                                          |
| 7                          | 3                   | 89                                | 5                    | 1614                              | 1240                              | 400567                                         |
| 8                          | 3                   | 88.1                              | 5                    | 1692                              | 1258                              | 763386                                         |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                     |                                   | 3                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 64.4                              | 15                   | -                                 | -                                 | 563639                                         |
| 2                          | 1                   | 63.6                              | 15                   | -                                 | -                                 | 744683                                         |
| 3                          | 3                   | 97.8                              | 15                   | 1746                              | 1217                              | 177507                                         |
| 4                          | 2                   | 73                                | 15                   | 1524                              | -                                 | 358876                                         |
| 5                          | 3                   | 85.4                              | 15                   | 1057                              | 1716                              | 539290                                         |
| 6                          | 1                   | 55.3                              | 15                   | -                                 | -                                 | 722581                                         |
| 7                          | 1                   | 52                                | 15                   | -                                 | -                                 | 155839                                         |
| 8                          | 3                   | 84.6                              | 15                   | 1889                              | 1455                              | 335932                                         |
| 9                          | 3                   | 86.2                              | 15                   | 1902                              | 1936                              | 516275                                         |
| 10                         | 2                   | 74.4                              | 15                   | 1426                              | -                                 | 699401                                         |
| 11                         | 1                   | 53.1                              | 15                   | -                                 | -                                 | 133412                                         |
| 12                         | 2                   | 77.6                              | 15                   | 1236                              | -                                 | 314332                                         |
| 13                         | 3                   | 99.9                              | 15                   | 1862                              | 1721                              | 494102                                         |
| 14                         | 2                   | 77.2                              | 15                   | 1453                              | -                                 | 677010                                         |
| 15                         | 3                   | 98.2                              | 15                   | 1591                              | 1827                              | 110557                                         |
| 16                         | 2                   | 71.6                              | 15                   | 1335                              | -                                 | 292150                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 4                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 10                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 58                                | 7                    | -                                 | -                                 | 759061                                         |
| 2                          | 3                   | 94.7                              | 7                    | 1046                              | 1513                              | 1047665                                        |
| 3                          | 1                   | 54.7                              | 7                    | -                                 | -                                 | 142025                                         |
| 4                          | 2                   | 81.4                              | 7                    | 1966                              | -                                 | 431913                                         |
| 5                          | 1                   | 52.7                              | 7                    | -                                 | -                                 | 723717                                         |
| 6                          | 3                   | 88.9                              | 7                    | 1327                              | 1969                              | 1011358                                        |
| 7                          | 3                   | 92.7                              | 7                    | 1585                              | 1636                              | 105956                                         |
| 8                          | 1                   | 58.7                              | 7                    | -                                 | -                                 | 396842                                         |
| 9                          | 2                   | 73.6                              | 7                    | 1789                              | -                                 | 686677                                         |
| 10                         | 1                   | 58.2                              | 7                    | -                                 | -                                 | 978013                                         |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                     |                                   | 5                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 12                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 66.8                              | 11                   | 1145                              | -                                 | 58664                                          |
| 2                          | 3                   | 93.5                              | 11                   | 1764                              | 1886                              | 299898                                         |
| 3                          | 1                   | 54                                | 11                   | -                                 | -                                 | 542901                                         |
| 4                          | 2                   | 67.6                              | 11                   | 1324                              | -                                 | 784160                                         |
| 5                          | 3                   | 90.2                              | 11                   | 1468                              | 1142                              | 28810                                          |
| 6                          | 3                   | 91.6                              | 11                   | 1022                              | 1791                              | 270254                                         |
| 7                          | 3                   | 96.8                              | 11                   | 1409                              | 1157                              | 511938                                         |
| 8                          | 1                   | 61.1                              | 11                   | -                                 | -                                 | 755530                                         |
| 9                          | 1                   | 56.4                              | 11                   | -                                 | -                                 | 997935                                         |
| 10                         | 3                   | 87.8                              | 11                   | 1678                              | 1523                              | 240450                                         |
| 11                         | 3                   | 84.6                              | 11                   | 1132                              | 1844                              | 481823                                         |
| 12                         | 3                   | 85.6                              | 11                   | 1136                              | 1816                              | 723679                                         |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 6                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 83.8                              | 11                   | 1584                              | 1503                              | 890008                                         |
| 2                          | 1                   | 66                                | 11                   | -                                 | -                                 | 195201                                         |
| 3                          | 2                   | 81.6                              | 11                   | 1977                              | -                                 | 417667                                         |
| 4                          | 3                   | 97.6                              | 11                   | 1331                              | 1715                              | 639665                                         |
| 5                          | 1                   | 54.9                              | 11                   | -                                 | -                                 | 865462                                         |
| 6                          | 1                   | 51.7                              | 11                   | -                                 | -                                 | 167535                                         |
| 7                          | 2                   | 81.9                              | 11                   | 1640                              | -                                 | 390545                                         |
| 8                          | 2                   | 80.1                              | 11                   | 1233                              | -                                 | 613616                                         |
| 9                          | 1                   | 56.5                              | 11                   | -                                 | -                                 | 837979                                         |
| 10                         | 2                   | 67.8                              | 11                   | 1045                              | -                                 | 139906                                         |
| 11                         | 1                   | 50.7                              | 11                   | -                                 | -                                 | 363458                                         |
| 12                         | 2                   | 77                                | 11                   | 1479                              | -                                 | 586052                                         |
| 13                         | 1                   | 57.2                              | 11                   | -                                 | -                                 | 810838                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 7                 |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 16                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5510              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 75.1                        | 15                | 1769                        | -                           | 91197                                    |
| 2                          | 3                | 91.6                        | 15                | 1690                        | 1912                        | 271553                                   |
| 3                          | 1                | 57.5                        | 15                | -                           | -                           | 454401                                   |
| 4                          | 3                | 85.3                        | 15                | 1774                        | 1039                        | 633163                                   |
| 5                          | 2                | 75.6                        | 15                | 1434                        | -                           | 68851                                    |
| 6                          | 2                | 71                          | 15                | 1574                        | -                           | 250051                                   |
| 7                          | 3                | 89                          | 15                | 1732                        | 2000                        | 429767                                   |
| 8                          | 3                | 99.5                        | 15                | 1876                        | 1919                        | 610208                                   |
| 9                          | 2                | 77.2                        | 15                | 1396                        | -                           | 46567                                    |
| 10                         | 3                | 88.5                        | 15                | 1836                        | 1669                        | 227089                                   |
| 11                         | 1                | 58.5                        | 15                | -                           | -                           | 409743                                   |
| 12                         | 2                | 80.5                        | 15                | 1347                        | -                           | 590364                                   |
| 13                         | 2                | 68.6                        | 15                | 1182                        | -                           | 24251                                    |
| 14                         | 3                | 84.3                        | 15                | 1831                        | 1207                        | 205117                                   |
| 15                         | 1                | 61.5                        | 15                | -                           | -                           | 387117                                   |
| 16                         | 2                | 80.9                        | 15                | 1020                        | -                           | 568481                                   |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                     |                                   | 8                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.8                              | 15                   | 1897                              | 1326                              | 1922                                           |
| 2                          | 2                   | 70.8                              | 15                   | 1202                              | -                                 | 183135                                         |
| 3                          | 1                   | 60.4                              | 15                   | -                                 | -                                 | 365239                                         |
| 4                          | 3                   | 87                                | 15                   | 1198                              | 1887                              | 544337                                         |
| 5                          | 2                   | 72.5                              | 15                   | 1195                              | -                                 | 726686                                         |
| 6                          | 1                   | 60.8                              | 15                   | -                                 | -                                 | 161024                                         |
| 7                          | 3                   | 88.7                              | 15                   | 1871                              | 1528                              | 341123                                         |
| 8                          | 3                   | 99.9                              | 15                   | 1856                              | 1624                              | 521648                                         |
| 9                          | 1                   | 55.1                              | 15                   | -                                 | -                                 | 706035                                         |
| 10                         | 3                   | 83.9                              | 15                   | 1680                              | 1515                              | 138102                                         |
| 11                         | 3                   | 90.9                              | 15                   | 1651                              | 1832                              | 318623                                         |
| 12                         | 2                   | 76.9                              | 15                   | 1060                              | -                                 | 501191                                         |
| 13                         | 3                   | 93.6                              | 15                   | 1232                              | 1770                              | 680186                                         |
| 14                         | 1                   | 51.7                              | 15                   | -                                 | -                                 | 116307                                         |
| 15                         | 3                   | 99.1                              | 15                   | 1447                              | 1587                              | 296583                                         |
| 16                         | 3                   | 92.8                              | 15                   | 1784                              | 1988                              | 477298                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 9                 |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 18                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5510              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 77.1                        | 18                | 1939                        | -                           | 585571                                   |
| 2                          | 1                | 60.3                        | 18                | -                           | -                           | 83502                                    |
| 3                          | 1                | 65                          | 18                | -                           | -                           | 244916                                   |
| 4                          | 3                | 100                         | 18                | 1951                        | 1171                        | 404134                                   |
| 5                          | 3                | 89.3                        | 18                | 1193                        | 1390                        | 565408                                   |
| 6                          | 2                | 75.8                        | 18                | 1135                        | -                           | 63552                                    |
| 7                          | 2                | 80.9                        | 18                | 1495                        | -                           | 224406                                   |
| 8                          | 2                | 66.8                        | 18                | 1802                        | -                           | 385110                                   |
| 9                          | 3                | 95.7                        | 18                | 1612                        | 1160                        | 545529                                   |
| 10                         | 3                | 86.1                        | 18                | 1101                        | 1063                        | 43672                                    |
| 11                         | 1                | 56.5                        | 18                | -                           | -                           | 205230                                   |
| 12                         | 2                | 77.6                        | 18                | 1179                        | -                           | 365860                                   |
| 13                         | 2                | 73.1                        | 18                | 1787                        | -                           | 526215                                   |
| 14                         | 2                | 67                          | 18                | 1385                        | -                           | 23888                                    |
| 15                         | 3                | 86.4                        | 18                | 1489                        | 1890                        | 184254                                   |
| 16                         | 2                | 67.5                        | 18                | 1111                        | -                           | 345991                                   |
| 17                         | 2                | 70.3                        | 18                | 1682                        | -                           | 506567                                   |
| 18                         | 3                | 99.3                        | 18                | 1345                        | 1870                        | 4047                                     |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                                | 10                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 14                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5510                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                | 67.7                           | 13                   | 1476                              | -                                 | 212375                                         |
| 2                          | 3                | 97.1                           | 13                   | 1205                              | 1761                              | 418752                                         |
| 3                          | 3                | 90.4                           | 13                   | 1828                              | 1708                              | 625138                                         |
| 4                          | 3                | 90.1                           | 13                   | 1516                              | 1729                              | 831992                                         |
| 5                          | 3                | 84.7                           | 13                   | 1075                              | 1618                              | 186521                                         |
| 6                          | 1                | 64.2                           | 13                   | -                                 | -                                 | 394926                                         |
| 7                          | 1                | 52.9                           | 13                   | -                                 | -                                 | 602135                                         |
| 8                          | 1                | 57.7                           | 13                   | -                                 | -                                 | 809694                                         |
| 9                          | 2                | 80.2                           | 13                   | 1079                              | -                                 | 161347                                         |
| 10                         | 3                | 91.8                           | 13                   | 1373                              | 1474                              | 368017                                         |
| 11                         | 2                | 80.1                           | 13                   | 1509                              | -                                 | 575778                                         |
| 12                         | 1                | 62                             | 13                   | -                                 | -                                 | 784102                                         |
| 13                         | 1                | 55.9                           | 13                   | -                                 | -                                 | 136067                                         |
| 14                         | 2                | 75.5                           | 13                   | 1666                              | -                                 | 342992                                         |
| 15                         |                  |                                |                      |                                   |                                   |                                                |
| 16                         |                  |                                |                      |                                   |                                   |                                                |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                     |                                   | 11                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5497                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 89.4                              | 16                   | 1051                              | 1159                              | 451948                                         |
| 2                          | 1                   | 65.8                              | 16                   | -                                 | -                                 | 624728                                         |
| 3                          | 1                   | 53.4                              | 16                   | -                                 | -                                 | 91018                                          |
| 4                          | 1                   | 58.2                              | 16                   | -                                 | -                                 | 261908                                         |
| 5                          | 2                   | 69.2                              | 16                   | 1226                              | -                                 | 431731                                         |
| 6                          | 1                   | 61.6                              | 16                   | -                                 | -                                 | 603105                                         |
| 7                          | 3                   | 91.6                              | 16                   | 1710                              | 1562                              | 69564                                          |
| 8                          | 1                   | 62.9                              | 16                   | -                                 | -                                 | 240718                                         |
| 9                          | 3                   | 89.9                              | 16                   | 1803                              | 1181                              | 410065                                         |
| 10                         | 3                   | 93.7                              | 16                   | 1164                              | 1536                              | 580325                                         |
| 11                         | 3                   | 91.3                              | 16                   | 1767                              | 1148                              | 48709                                          |
| 12                         | 3                   | 86.5                              | 16                   | 1180                              | 1220                              | 218933                                         |
| 13                         | 1                   | 54.2                              | 16                   | -                                 | -                                 | 390758                                         |
| 14                         | 1                   | 61                                | 16                   | -                                 | -                                 | 561746                                         |
| 15                         | 2                   | 76.7                              | 16                   | 1655                              | -                                 | 27773                                          |
| 16                         | 3                   | 88.1                              | 16                   | 1952                              | 1566                              | 197585                                         |
| 17                         | 3                   | 97.6                              | 16                   | 1773                              | 1501                              | 367727                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 12                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5494                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 73.4                              | 7                    | 1888                              | -                                 | 1019942                                        |
| 2                          | 1                   | 56.6                              | 7                    | -                                 | -                                 | 12854                                          |
| 3                          | 3                   | 94.4                              | 7                    | 1759                              | 1850                              | 334863                                         |
| 4                          | 3                   | 84                                | 7                    | 1571                              | 1050                              | 657635                                         |
| 5                          | 1                   | 52                                | 7                    | -                                 | -                                 | 982049                                         |
| 6                          | 1                   | 52.4                              | 7                    | -                                 | -                                 | 1304427                                        |
| 7                          | 3                   | 87                                | 7                    | 1413                              | 1603                              | 295368                                         |
| 8                          | 2                   | 75.6                              | 7                    | 1799                              | -                                 | 618483                                         |
| 9                          | 1                   | 50.8                              | 7                    | -                                 | -                                 | 941856                                         |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

|                            |                  |                             |                   |                             |                             |                                          |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Trial Number:              |                  |                             | 13                |                             |                             | Detection<br>(Yes/No)                    |
| Number of Bursts in Trial: |                  |                             | 9                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5494              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 97.1                        | 7                 | 1124                        | 1909                        | 1261910                                  |
| 2                          | 2                | 81.5                        | 7                 | 1813                        | -                           | 255887                                   |
| 3                          | 3                | 95.7                        | 7                 | 1792                        | 1016                        | 577927                                   |
| 4                          | 3                | 89.1                        | 7                 | 1130                        | 1439                        | 900498                                   |
| 5                          | 3                | 86.7                        | 7                 | 1756                        | 1625                        | 1222410                                  |
| 6                          | 3                | 83.7                        | 7                 | 1069                        | 1605                        | 216070                                   |
| 7                          | 2                | 80.2                        | 7                 | 1406                        | -                           | 539027                                   |
| 8                          | 2                | 81.1                        | 7                 | 1840                        | -                           | 861642                                   |
| 9                          | 3                | 88.3                        | 7                 | 1015                        | 1613                        | 1183462                                  |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                                | 14                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 19                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 57.3                           | 19                   | -                                 | -                                 | 83657                                          |
| 2                          | 1                | 63.6                           | 19                   | -                                 | -                                 | 236510                                         |
| 3                          | 2                | 78.1                           | 19                   | 1005                              | -                                 | 388745                                         |
| 4                          | 3                | 98.3                           | 19                   | 1673                              | 1959                              | 538752                                         |
| 5                          | 1                | 58.6                           | 19                   | -                                 | -                                 | 64765                                          |
| 6                          | 1                | 57.6                           | 19                   | -                                 | -                                 | 217755                                         |
| 7                          | 1                | 54.8                           | 19                   | -                                 | -                                 | 370463                                         |
| 8                          | 1                | 57.1                           | 19                   | -                                 | -                                 | 523592                                         |
| 9                          | 3                | 96.7                           | 19                   | 1055                              | 1557                              | 45797                                          |
| 10                         | 3                | 98.8                           | 19                   | 1496                              | 1768                              | 197619                                         |
| 11                         | 3                | 98.3                           | 19                   | 1545                              | 1488                              | 350107                                         |
| 12                         | 1                | 59.9                           | 19                   | -                                 | -                                 | 504004                                         |
| 13                         | 3                | 91.9                           | 19                   | 1477                              | 1375                              | 26999                                          |
| 14                         | 2                | 81                             | 19                   | 1206                              | -                                 | 179500                                         |
| 15                         | 3                | 92.1                           | 19                   | 1177                              | 1128                              | 331668                                         |
| 16                         | 3                | 94.2                           | 19                   | 1962                              | 1309                              | 482717                                         |
| 17                         | 1                | 56.6                           | 19                   | -                                 | -                                 | 8312                                           |
| 18                         | 1                | 55.4                           | 19                   | -                                 | -                                 | 161086                                         |
| 19                         | 1                | 61.6                           | 19                   | -                                 | -                                 | 314108                                         |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                     |                                   | 15                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 91.6                              | 20                   | 1580                              | 1381                              | 441397                                         |
| 2                          | 3                   | 87.4                              | 20                   | 1262                              | 1433                              | 585754                                         |
| 3                          | 1                   | 63.4                              | 20                   | -                                 | -                                 | 135072                                         |
| 4                          | 1                   | 66.4                              | 20                   | -                                 | -                                 | 280436                                         |
| 5                          | 2                   | 82.7                              | 20                   | 1095                              | -                                 | 424736                                         |
| 6                          | 2                   | 68.4                              | 20                   | 1993                              | -                                 | 568830                                         |
| 7                          | 1                   | 64.6                              | 20                   | -                                 | -                                 | 117266                                         |
| 8                          | 1                   | 60.1                              | 20                   | -                                 | -                                 | 262551                                         |
| 9                          | 2                   | 67.3                              | 20                   | 1312                              | -                                 | 406661                                         |
| 10                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 552941                                         |
| 11                         | 1                   | 56.9                              | 20                   | -                                 | -                                 | 99449                                          |
| 12                         | 1                   | 57.6                              | 20                   | -                                 | -                                 | 244579                                         |
| 13                         | 1                   | 56.2                              | 20                   | -                                 | -                                 | 389593                                         |
| 14                         | 2                   | 73.2                              | 20                   | 1551                              | -                                 | 533593                                         |
| 15                         | 2                   | 72.8                              | 20                   | 1999                              | -                                 | 81275                                          |
| 16                         | 2                   | 69.4                              | 20                   | 1590                              | -                                 | 226227                                         |
| 17                         | 2                   | 74.5                              | 20                   | 1222                              | -                                 | 371370                                         |
| 18                         | 2                   | 69.5                              | 20                   | 1762                              | -                                 | 515331                                         |
| 19                         | 2                   | 75.2                              | 20                   | 1019                              | -                                 | 63582                                          |
| 20                         | 3                   | 98                                | 20                   | 1162                              | 1623                              | 207953                                         |

| Trial Number:              |                     |                                   | 16                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86.7                              | 20                   | 1549                              | 1374                              | 352049                                         |
| 2                          | 2                   | 79.1                              | 20                   | 1254                              | -                                 | 497748                                         |
| 3                          | 3                   | 94.9                              | 20                   | 1961                              | 1600                              | 45515                                          |
| 4                          | 1                   | 55.7                              | 20                   | -                                 | -                                 | 190982                                         |
| 5                          | 3                   | 88.3                              | 20                   | 1847                              | 1170                              | 334166                                         |
| 6                          | 2                   | 77.3                              | 20                   | 1304                              | -                                 | 480171                                         |
| 7                          | 3                   | 90.9                              | 20                   | 1511                              | 1174                              | 27762                                          |
| 8                          | 1                   | 55.1                              | 20                   | -                                 | -                                 | 173126                                         |
| 9                          | 1                   | 50.5                              | 20                   | -                                 | -                                 | 318414                                         |
| 10                         | 1                   | 53.5                              | 20                   | -                                 | -                                 | 463010                                         |
| 11                         | 3                   | 95                                | 20                   | 1878                              | 1604                              | 9959                                           |
| 12                         | 2                   | 80                                | 20                   | 1083                              | -                                 | 155010                                         |
| 13                         | 2                   | 78.2                              | 20                   | 1349                              | -                                 | 299713                                         |
| 14                         | 2                   | 68.5                              | 20                   | 1683                              | -                                 | 444115                                         |
| 15                         | 3                   | 89.5                              | 20                   | 1332                              | 1425                              | 588262                                         |
| 16                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 137310                                         |
| 17                         | 3                   | 94                                | 20                   | 1498                              | 1824                              | 281009                                         |
| 18                         | 3                   | 97.2                              | 20                   | 1895                              | 1307                              | 425163                                         |
| 19                         | 3                   | 95.4                              | 20                   | 1684                              | 1073                              | 569988                                         |
| 20                         | 2                   | 79.8                              | 20                   | 1821                              | -                                 | 119008                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                                | 17                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5494                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 3                | 94.1                           | 9                    | 1689                              | 1235                              | 480128                                         |
| 2                          | 3                | 97.6                           | 9                    | 1081                              | 1911                              | 743417                                         |
| 3                          | 3                | 87.5                           | 9                    | 1838                              | 1734                              | 1006741                                        |
| 4                          | 1                | 56.3                           | 9                    | -                                 | -                                 | 184879                                         |
| 5                          | 3                | 89.8                           | 9                    | 1918                              | 1893                              | 447627                                         |
| 6                          | 3                | 91.1                           | 9                    | 1363                              | 1230                              | 711688                                         |
| 7                          | 3                | 92.1                           | 9                    | 1917                              | 1494                              | 974691                                         |
| 8                          | 3                | 86.7                           | 9                    | 1724                              | 1953                              | 151749                                         |
| 9                          | 2                | 69.1                           | 9                    | 1168                              | -                                 | 415928                                         |
| 10                         | 1                | 61.5                           | 9                    | -                                 | -                                 | 680436                                         |
| 11                         | 2                | 67.6                           | 9                    | 1915                              | -                                 | 943634                                         |
| 12                         |                  |                                |                      |                                   |                                   |                                                |
| 13                         |                  |                                |                      |                                   |                                   |                                                |
| 14                         |                  |                                |                      |                                   |                                   |                                                |
| 15                         |                  |                                |                      |                                   |                                   |                                                |
| 16                         |                  |                                |                      |                                   |                                   |                                                |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

| Trial Number:              |                  |                             | 18                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 13                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5495              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 74.7                        | 11                | 1219                        | -                           | 101179                                   |
| 2                          | 2                | 81.5                        | 11                | 1042                        | -                           | 324386                                   |
| 3                          | 1                | 57.5                        | 11                | -                           | -                           | 548137                                   |
| 4                          | 2                | 74.9                        | 11                | 1826                        | -                           | 770026                                   |
| 5                          | 1                | 62.5                        | 11                | -                           | -                           | 73723                                    |
| 6                          | 3                | 92.5                        | 11                | 1814                        | 1507                        | 296235                                   |
| 7                          | 1                | 57.6                        | 11                | -                           | -                           | 520928                                   |
| 8                          | 2                | 78.2                        | 11                | 1127                        | -                           | 743021                                   |
| 9                          | 1                | 55.3                        | 11                | -                           | -                           | 46185                                    |
| 10                         | 2                | 77.6                        | 11                | 1639                        | -                           | 269166                                   |
| 11                         | 1                | 59.5                        | 11                | -                           | -                           | 493048                                   |
| 12                         | 1                | 59.5                        | 11                | -                           | -                           | 717011                                   |
| 13                         | 1                | 63.8                        | 11                | -                           | -                           | 18668                                    |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 19                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 20                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5498              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 55.8                        | 19                | -                           | -                           | 157334                                   |
| 2                          | 2                | 76.9                        | 19                | 1243                        | -                           | 301806                                   |
| 3                          | 2                | 79.5                        | 19                | 1801                        | -                           | 446145                                   |
| 4                          | 3                | 87.7                        | 19                | 1166                        | 1342                        | 590319                                   |
| 5                          | 3                | 83.8                        | 19                | 1210                        | 1279                        | 138872                                   |
| 6                          | 2                | 71.9                        | 19                | 1923                        | -                           | 283437                                   |
| 7                          | 2                | 75.5                        | 19                | 1134                        | -                           | 429046                                   |
| 8                          | 2                | 77.4                        | 19                | 1419                        | -                           | 573513                                   |
| 9                          | 2                | 74.1                        | 19                | 1416                        | -                           | 121184                                   |
| 10                         | 3                | 95.4                        | 19                | 1411                        | 1938                        | 265119                                   |
| 11                         | 1                | 53.8                        | 19                | -                           | -                           | 411866                                   |
| 12                         | 3                | 89.2                        | 19                | 1699                        | 1804                        | 553902                                   |
| 13                         | 3                | 91.6                        | 19                | 1268                        | 1266                        | 103191                                   |
| 14                         | 3                | 88.6                        | 19                | 1929                        | 1484                        | 247349                                   |
| 15                         | 1                | 65.9                        | 19                | -                           | -                           | 394268                                   |
| 16                         | 3                | 97.3                        | 19                | 1275                        | 1738                        | 536731                                   |
| 17                         | 3                | 85.3                        | 19                | 1238                        | 1641                        | 85351                                    |
| 18                         | 1                | 54.1                        | 19                | -                           | -                           | 231087                                   |
| 19                         | 3                | 86.1                        | 19                | 1106                        | 1377                        | 374638                                   |
| 20                         | 3                | 89                          | 19                | 1843                        | 1922                        | 518062                                   |

| Trial Number:              |                  |                                | 20                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                | 86                             | 17                   | 1652                              | 1514                              | 75125                                          |
| 2                          | 2                | 70.2                           | 17                   | 1105                              | -                                 | 236228                                         |
| 3                          | 3                | 98.5                           | 17                   | 1510                              | 1579                              | 396075                                         |
| 4                          | 2                | 70.7                           | 17                   | 1285                              | -                                 | 558371                                         |
| 5                          | 3                | 93.7                           | 17                   | 1430                              | 1880                              | 55333                                          |
| 6                          | 2                | 77                             | 17                   | 1964                              | -                                 | 216304                                         |
| 7                          | 1                | 58.4                           | 17                   | -                                 | -                                 | 377945                                         |
| 8                          | 3                | 86.3                           | 17                   | 1103                              | 1172                              | 537526                                         |
| 9                          | 2                | 68.9                           | 17                   | 1608                              | -                                 | 35623                                          |
| 10                         | 3                | 90.1                           | 17                   | 1322                              | 1861                              | 196118                                         |
| 11                         | 1                | 52.2                           | 17                   | -                                 | -                                 | 358570                                         |
| 12                         | 3                | 84.6                           | 17                   | 1074                              | 1506                              | 517769                                         |
| 13                         | 3                | 88                             | 17                   | 1252                              | 1712                              | 15749                                          |
| 14                         | 2                | 73.7                           | 17                   | 1469                              | -                                 | 176631                                         |
| 15                         | 1                | 50.4                           | 17                   | -                                 | -                                 | 338454                                         |
| 16                         | 1                | 62.8                           | 17                   | -                                 | -                                 | 499627                                         |
| 17                         | 1                | 61.6                           | 17                   | -                                 | -                                 | 660942                                         |
| 18                         | 1                | 54.3                           | 17                   | -                                 | -                                 | 157339                                         |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                                | 21                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5522                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 52.9                           | 17                   | -                                 | -                                 | 337360                                         |
| 2                          | 3                | 97.2                           | 17                   | 1705                              | 1344                              | 506316                                         |
| 3                          | 3                | 86.1                           | 17                   | 1581                              | 1865                              | 675558                                         |
| 4                          | 3                | 90.2                           | 17                   | 1392                              | 1973                              | 144799                                         |
| 5                          | 1                | 50.6                           | 17                   | -                                 | -                                 | 316543                                         |
| 6                          | 3                | 86.2                           | 17                   | 1879                              | 1048                              | 485387                                         |
| 7                          | 1                | 53.6                           | 17                   | -                                 | -                                 | 657637                                         |
| 8                          | 3                | 85.7                           | 17                   | 1896                              | 1286                              | 123880                                         |
| 9                          | 2                | 70.9                           | 17                   | 1291                              | -                                 | 294768                                         |
| 10                         | 1                | 53.8                           | 17                   | -                                 | -                                 | 466451                                         |
| 11                         | 3                | 91.8                           | 17                   | 1718                              | 1668                              | 634304                                         |
| 12                         | 2                | 81                             | 17                   | 1931                              | -                                 | 103187                                         |
| 13                         | 2                | 70                             | 17                   | 1538                              | -                                 | 273497                                         |
| 14                         | 2                | 73.4                           | 17                   | 1343                              | -                                 | 444521                                         |
| 15                         | 2                | 73.5                           | 17                   | 1606                              | -                                 | 614358                                         |
| 16                         | 2                | 70.5                           | 17                   | 1845                              | -                                 | 82116                                          |
| 17                         | 2                | 77.9                           | 17                   | 1825                              | -                                 | 252655                                         |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 22                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5526                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 85.7                              | 9                    | 1218                              | 1311                              | 654030                                         |
| 2                          | 2                   | 78.4                              | 9                    | 1121                              | -                                 | 919132                                         |
| 3                          | 1                   | 58.7                              | 9                    | -                                 | -                                 | 94901                                          |
| 4                          | 3                   | 94.1                              | 9                    | 1830                              | 1239                              | 358055                                         |
| 5                          | 1                   | 56.8                              | 9                    | -                                 | -                                 | 623240                                         |
| 6                          | 1                   | 63.5                              | 9                    | -                                 | -                                 | 887667                                         |
| 7                          | 3                   | 89.3                              | 9                    | 1104                              | 1881                              | 62168                                          |
| 8                          | 1                   | 58.4                              | 9                    | -                                 | -                                 | 326679                                         |
| 9                          | 3                   | 84                                | 9                    | 1329                              | 1956                              | 589054                                         |
| 10                         | 3                   | 93.1                              | 9                    | 1273                              | 1209                              | 853238                                         |
| 11                         | 2                   | 69.3                              | 9                    | 1530                              | -                                 | 29741                                          |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 23                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 11                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5526              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 51.2                        | 9                 | -                           | -                           | 293866                                   |
| 2                          | 2                | 67.9                        | 9                 | 1269                        | -                           | 557469                                   |
| 3                          | 3                | 88.2                        | 9                 | 1149                        | 1085                        | 820457                                   |
| 4                          | 1                | 53                          | 9                 | -                           | -                           | 1086765                                  |
| 5                          | 3                | 85.6                        | 9                 | 1775                        | 1084                        | 260785                                   |
| 6                          | 2                | 81                          | 9                 | 1359                        | -                           | 525208                                   |
| 7                          | 1                | 51.2                        | 9                 | -                           | -                           | 790203                                   |
| 8                          | 3                | 88.9                        | 9                 | 1125                        | 1535                        | 1051826                                  |
| 9                          | 1                | 52.9                        | 9                 | -                           | -                           | 228918                                   |
| 10                         | 3                | 95.8                        | 9                 | 1176                        | 1872                        | 491843                                   |
| 11                         | 2                | 69.6                        | 9                 | 1748                        | -                           | 756254                                   |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 24                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 20                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5521              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 62.3                        | 20                | -                           | -                           | 560780                                   |
| 2                          | 2                | 67                          | 20                | 1996                        | -                           | 107438                                   |
| 3                          | 1                | 58                          | 20                | -                           | -                           | 253061                                   |
| 4                          | 1                | 56                          | 20                | -                           | -                           | 398446                                   |
| 5                          | 1                | 54.5                        | 20                | -                           | -                           | 543173                                   |
| 6                          | 3                | 94.5                        | 20                | 1616                        | 1901                        | 89399                                    |
| 7                          | 3                | 88                          | 20                | 1089                        | 1864                        | 233999                                   |
| 8                          | 2                | 70.1                        | 20                | 1537                        | -                           | 379359                                   |
| 9                          | 2                | 78.9                        | 20                | 1967                        | -                           | 523377                                   |
| 10                         | 1                | 61.1                        | 20                | -                           | -                           | 72057                                    |
| 11                         | 2                | 67.4                        | 20                | 1334                        | -                           | 216769                                   |
| 12                         | 3                | 95.9                        | 20                | 1241                        | 1372                        | 360952                                   |
| 13                         | 1                | 64.7                        | 20                | -                           | -                           | 507805                                   |
| 14                         | 3                | 84.5                        | 20                | 1502                        | 1278                        | 53946                                    |
| 15                         | 1                | 52.8                        | 20                | -                           | -                           | 199418                                   |
| 16                         | 1                | 60.2                        | 20                | -                           | -                           | 344639                                   |
| 17                         | 3                | 96.2                        | 20                | 1190                        | 1271                        | 487382                                   |
| 18                         | 3                | 83.6                        | 20                | 1546                        | 1539                        | 36187                                    |
| 19                         | 3                | 96.8                        | 20                | 1822                        | 1766                        | 180359                                   |
| 20                         | 2                | 81.7                        | 20                | 1227                        | -                           | 326180                                   |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                                | 25                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5524                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 66.6                           | 12                   | -                                 | -                                 | 726874                                         |
| 2                          | 3                | 93.2                           | 12                   | 1394                              | 1800                              | 28355                                          |
| 3                          | 3                | 84.4                           | 12                   | 1499                              | 1199                              | 251235                                         |
| 4                          | 3                | 84.5                           | 12                   | 1402                              | 1186                              | 474040                                         |
| 5                          | 1                | 53                             | 12                   | -                                 | -                                 | 698740                                         |
| 6                          | 1                | 65.7                           | 12                   | -                                 | -                                 | 920                                            |
| 7                          | 3                | 88.7                           | 12                   | 1242                              | 1443                              | 223880                                         |
| 8                          | 3                | 95.4                           | 12                   | 1599                              | 1589                              | 446310                                         |
| 9                          | 3                | 89                             | 12                   | 1921                              | 1178                              | 669053                                         |
| 10                         | 2                | 72.1                           | 12                   | 1231                              | -                                 | 893528                                         |
| 11                         | 3                | 84.6                           | 12                   | 1671                              | 1108                              | 196299                                         |
| 12                         | 2                | 67.6                           | 12                   | 1899                              | -                                 | 419465                                         |
| 13                         | 2                | 82.1                           | 12                   | 1280                              | -                                 | 642686                                         |
| 14                         |                  |                                |                      |                                   |                                   |                                                |
| 15                         |                  |                                |                      |                                   |                                   |                                                |
| 16                         |                  |                                |                      |                                   |                                   |                                                |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

| Trial Number:              |                  |                             | 26                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5523              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 66.1                        | 16                | -                           | -                           | 662723                                   |
| 2                          | 1                | 66.1                        | 16                | -                           | -                           | 129395                                   |
| 3                          | 3                | 91.7                        | 16                | 1011                        | 1481                        | 299281                                   |
| 4                          | 3                | 86.1                        | 16                | 1645                        | 1975                        | 468934                                   |
| 5                          | 1                | 50.7                        | 16                | -                           | -                           | 641821                                   |
| 6                          | 1                | 59                          | 16                | -                           | -                           | 108372                                   |
| 7                          | 3                | 94.8                        | 16                | 1570                        | 1987                        | 277744                                   |
| 8                          | 2                | 70.5                        | 16                | 1336                        | -                           | 449359                                   |
| 9                          | 1                | 63.9                        | 16                | -                           | -                           | 621069                                   |
| 10                         | 1                | 64.2                        | 16                | -                           | -                           | 87371                                    |
| 11                         | 1                | 58.2                        | 16                | -                           | -                           | 258228                                   |
| 12                         | 3                | 83.8                        | 16                | 1246                        | 1466                        | 427359                                   |
| 13                         | 2                | 72                          | 16                | 1841                        | -                           | 598006                                   |
| 14                         | 2                | 73.4                        | 16                | 1529                        | -                           | 66157                                    |
| 15                         | 2                | 68.6                        | 16                | 1388                        | -                           | 236547                                   |
| 16                         | 2                | 82.7                        | 16                | 1786                        | -                           | 407037                                   |
| 17                         | 2                | 70.8                        | 16                | 1346                        | -                           | 577790                                   |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 27                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 9                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5527              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 55.1                        | 6                 | -                           | -                           | 85640                                    |
| 2                          | 1                | 55.3                        | 6                 | -                           | -                           | 408607                                   |
| 3                          | 1                | 56.2                        | 6                 | -                           | -                           | 731574                                   |
| 4                          | 1                | 64                          | 6                 | -                           | -                           | 1054956                                  |
| 5                          | 1                | 52.9                        | 6                 | -                           | -                           | 45837                                    |
| 6                          | 2                | 69.2                        | 6                 | 1065                        | -                           | 368518                                   |
| 7                          | 2                | 82.7                        | 6                 | 1274                        | -                           | 691097                                   |
| 8                          | 2                | 73.5                        | 6                 | 1576                        | -                           | 1014019                                  |
| 9                          | 1                | 53                          | 6                 | -                           | -                           | 6040                                     |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 28                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 8                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5527              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 88.9                        | 5                 | 1026                        | 1601                        | 369525                                   |
| 2                          | 1                | 55.8                        | 5                 | -                           | -                           | 733454                                   |
| 3                          | 3                | 92.6                        | 5                 | 1818                        | 1500                        | 1095030                                  |
| 4                          | 2                | 81.1                        | 5                 | 1859                        | -                           | 1458288                                  |
| 5                          | 1                | 56.7                        | 5                 | -                           | -                           | 325401                                   |
| 6                          | 2                | 76.5                        | 5                 | 1338                        | -                           | 688434                                   |
| 7                          | 3                | 99.9                        | 5                 | 1785                        | 1044                        | 1050094                                  |
| 8                          | 1                | 63.7                        | 5                 | -                           | -                           | 1415546                                  |
| 9                          |                  |                             |                   |                             |                             |                                          |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 102 Bandwidth 40MHz**

| Trial Number:              |                  |                             | 29                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5523              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 3                | 98.7                        | 16                | 1099                        | 1010                        | 131465                                   |
| 2                          | 2                | 68.3                        | 16                | 1635                        | -                           | 302267                                   |
| 3                          | 1                | 61.2                        | 16                | -                           | -                           | 473813                                   |
| 4                          | 2                | 74.2                        | 16                | 1958                        | -                           | 643005                                   |
| 5                          | 3                | 95.4                        | 16                | 1894                        | 1471                        | 110364                                   |
| 6                          | 2                | 74.6                        | 16                | 1478                        | -                           | 281246                                   |
| 7                          | 1                | 52                          | 16                | -                           | -                           | 452261                                   |
| 8                          | 1                | 61.2                        | 16                | -                           | -                           | 623660                                   |
| 9                          | 1                | 52.6                        | 16                | -                           | -                           | 89894                                    |
| 10                         | 2                | 78.9                        | 16                | 1660                        | -                           | 260019                                   |
| 11                         | 2                | 76.1                        | 16                | 1790                        | -                           | 430404                                   |
| 12                         | 1                | 50.6                        | 16                | -                           | -                           | 601992                                   |
| 13                         | 2                | 81                          | 16                | 1094                        | -                           | 68702                                    |
| 14                         | 3                | 92.3                        | 16                | 1436                        | 1646                        | 238651                                   |
| 15                         | 2                | 70                          | 16                | 1518                        | -                           | 409560                                   |
| 16                         | 1                | 62.6                        | 16                | -                           | -                           | 581462                                   |
| 17                         | 2                | 68.2                        | 16                | 1779                        | -                           | 47653                                    |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

| Trial Number:              |                  |                             | 30                |                             |                             | Detection<br>(Yes/No)                    |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Number of Bursts in Trial: |                  |                             | 17                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5523              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 67                          | 16                | 1941                        | -                           | 217929                                   |
| 2                          | 2                | 79.2                        | 16                | 1027                        | -                           | 388798                                   |
| 3                          | 1                | 61.3                        | 16                | -                           | -                           | 559955                                   |
| 4                          | 2                | 68.1                        | 16                | 1290                        | -                           | 26671                                    |
| 5                          | 1                | 63.1                        | 16                | -                           | -                           | 197430                                   |
| 6                          | 3                | 97                          | 16                | 1924                        | 1259                        | 366904                                   |
| 7                          | 1                | 59                          | 16                | -                           | -                           | 539423                                   |
| 8                          | 1                | 62.5                        | 16                | -                           | -                           | 5687                                     |
| 9                          | 3                | 97.7                        | 16                | 1815                        | 1194                        | 175690                                   |
| 10                         | 2                | 70.1                        | 16                | 1086                        | -                           | 347019                                   |
| 11                         | 3                | 88.9                        | 16                | 1998                        | 1040                        | 516265                                   |
| 12                         | 2                | 77.9                        | 16                | 1658                        | -                           | 687162                                   |
| 13                         | 2                | 82.9                        | 16                | 1028                        | -                           | 155329                                   |
| 14                         | 1                | 57.4                        | 16                | -                           | -                           | 326404                                   |
| 15                         | 2                | 81.7                        | 16                | 1122                        | -                           | 496697                                   |
| 16                         | 3                | 83.9                        | 16                | 1851                        | 1965                        | 664622                                   |
| 17                         | 1                | 58.3                        | 16                | -                           | -                           | 134409                                   |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 1**  
**Channel 106 Bandwidth 80MHz**

| Trial # | Pulse Repetition<br>Frequency<br>Number (1 to 23) | Pulse Repetition<br>Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|---------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------|
| 1       | 8                                                 | 1519.76                                              | 658                                            | Yes                     |
| 2       | 5                                                 | 1672.24                                              | 598                                            | Yes                     |
| 3       | 15                                                | 1253.13                                              | 798                                            | Yes                     |
| 4       | 21                                                | 1089.32                                              | 918                                            | Yes                     |
| 5       | 16                                                | 1222.49                                              | 818                                            | Yes                     |
| 6       | 17                                                | 1193.32                                              | 838                                            | Yes                     |
| 7       | 23                                                | 326.16                                               | 3066                                           | Yes                     |
| 8       | 11                                                | 1392.76                                              | 718                                            | Yes                     |
| 9       | 13                                                | 1319.26                                              | 758                                            | Yes                     |
| 10      | 19                                                | 1138.95                                              | 878                                            | Yes                     |
| 11      | 9                                                 | 1474.93                                              | 678                                            | Yes                     |
| 12      | 4                                                 | 1730.10                                              | 578                                            | Yes                     |
| 13      | 22                                                | 1066.10                                              | 938                                            | Yes                     |
| 14      | 6                                                 | 1618.12                                              | 618                                            | Yes                     |
| 15      | 18                                                | 1165.50                                              | 858                                            | Yes                     |
| 16      |                                                   | 922.51                                               | 1084                                           | Yes                     |
| 17      |                                                   | 741.84                                               | 1348                                           | Yes                     |
| 18      |                                                   | 513.35                                               | 1948                                           | Yes                     |
| 19      |                                                   | 390.02                                               | 2564                                           | Yes                     |
| 20      |                                                   | 370.10                                               | 2702                                           | Yes                     |
| 21      |                                                   | 543.48                                               | 1840                                           | Yes                     |
| 22      |                                                   | 1652.89                                              | 605                                            | Yes                     |
| 23      |                                                   | 468.38                                               | 2135                                           | Yes                     |
| 24      |                                                   | 787.40                                               | 1270                                           | Yes                     |
| 25      |                                                   | 343.88                                               | 2908                                           | Yes                     |
| 26      |                                                   | 1821.49                                              | 549                                            | Yes                     |
| 27      |                                                   | 1254.71                                              | 797                                            | Yes                     |
| 28      |                                                   | 359.20                                               | 2784                                           | Yes                     |
| 29      |                                                   | 909.92                                               | 1099                                           | Yes                     |
| 30      |                                                   | 784.93                                               | 1274                                           | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 2**  
**Channel 106 Bandwidth 80MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 25                      | 2.70                          | 162                                            | Yes                     |
| 2       | 23                      | 1.10                          | 202                                            | Yes                     |
| 3       | 27                      | 3.60                          | 226                                            | Yes                     |
| 4       | 24                      | 1.70                          | 168                                            | Yes                     |
| 5       | 25                      | 2.50                          | 163                                            | Yes                     |
| 6       | 25                      | 2.70                          | 159                                            | Yes                     |
| 7       | 27                      | 3.70                          | 174                                            | Yes                     |
| 8       | 27                      | 3.60                          | 224                                            | Yes                     |
| 9       | 28                      | 4.30                          | 218                                            | Yes                     |
| 10      | 26                      | 3.10                          | 230                                            | Yes                     |
| 11      | 27                      | 3.80                          | 217                                            | Yes                     |
| 12      | 24                      | 1.60                          | 216                                            | Yes                     |
| 13      | 23                      | 1.50                          | 170                                            | Yes                     |
| 14      | 29                      | 4.60                          | 165                                            | Yes                     |
| 15      | 29                      | 5.00                          | 219                                            | Yes                     |
| 16      | 29                      | 4.90                          | 195                                            | Yes                     |
| 17      | 25                      | 2.20                          | 208                                            | Yes                     |
| 18      | 25                      | 2.60                          | 204                                            | Yes                     |
| 19      | 29                      | 4.70                          | 209                                            | Yes                     |
| 20      | 28                      | 4.10                          | 156                                            | Yes                     |
| 21      | 28                      | 4.10                          | 183                                            | Yes                     |
| 22      | 25                      | 2.10                          | 215                                            | Yes                     |
| 23      | 24                      | 2.10                          | 213                                            | Yes                     |
| 24      | 29                      | 4.90                          | 155                                            | Yes                     |
| 25      | 26                      | 2.80                          | 178                                            | Yes                     |
| 26      | 27                      | 3.90                          | 182                                            | Yes                     |
| 27      | 23                      | 1.40                          | 184                                            | Yes                     |
| 28      | 23                      | 1.10                          | 205                                            | Yes                     |
| 29      | 27                      | 3.80                          | 189                                            | Yes                     |
| 30      | 28                      | 3.90                          | 172                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 3**  
**Channel 106 Bandwidth 80MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 17                      | 7.70                          | 201                                            | Yes                     |
| 2       | 16                      | 6.10                          | 470                                            | Yes                     |
| 3       | 17                      | 8.60                          | 280                                            | Yes                     |
| 4       | 16                      | 6.70                          | 323                                            | Yes                     |
| 5       | 17                      | 7.50                          | 500                                            | Yes                     |
| 6       | 17                      | 7.70                          | 262                                            | Yes                     |
| 7       | 18                      | 8.70                          | 394                                            | Yes                     |
| 8       | 17                      | 8.60                          | 352                                            | Yes                     |
| 9       | 18                      | 9.30                          | 355                                            | Yes                     |
| 10      | 17                      | 8.10                          | 457                                            | Yes                     |
| 11      | 18                      | 8.80                          | 429                                            | Yes                     |
| 12      | 16                      | 6.60                          | 232                                            | Yes                     |
| 13      | 16                      | 6.50                          | 205                                            | Yes                     |
| 14      | 18                      | 9.60                          | 417                                            | Yes                     |
| 15      | 18                      | 10.00                         | 304                                            | Yes                     |
| 16      | 18                      | 9.90                          | 399                                            | Yes                     |
| 17      | 16                      | 7.20                          | 405                                            | Yes                     |
| 18      | 17                      | 7.60                          | 363                                            | Yes                     |
| 19      | 18                      | 9.70                          | 237                                            | Yes                     |
| 20      | 18                      | 9.10                          | 306                                            | Yes                     |
| 21      | 18                      | 9.10                          | 260                                            | Yes                     |
| 22      | 16                      | 7.10                          | 309                                            | Yes                     |
| 23      | 16                      | 7.10                          | 312                                            | Yes                     |
| 24      | 18                      | 9.90                          | 225                                            | Yes                     |
| 25      | 17                      | 7.80                          | 244                                            | Yes                     |
| 26      | 18                      | 8.90                          | 455                                            | Yes                     |
| 27      | 16                      | 6.40                          | 447                                            | Yes                     |
| 28      | 16                      | 6.10                          | 293                                            | Yes                     |
| 29      | 18                      | 8.80                          | 251                                            | Yes                     |
| 30      | 18                      | 8.90                          | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 4**  
**Channel 106 Bandwidth 80MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 14                      | 14.70                         | 201                                            | Yes                     |
| 2       | 12                      | 11.20                         | 470                                            | Yes                     |
| 3       | 15                      | 16.80                         | 280                                            | Yes                     |
| 4       | 12                      | 12.50                         | 323                                            | Yes                     |
| 5       | 13                      | 14.40                         | 500                                            | Yes                     |
| 6       | 14                      | 14.80                         | 262                                            | Yes                     |
| 7       | 15                      | 17.10                         | 394                                            | Yes                     |
| 8       | 15                      | 16.80                         | 352                                            | Yes                     |
| 9       | 16                      | 18.40                         | 355                                            | Yes                     |
| 10      | 14                      | 15.70                         | 457                                            | Yes                     |
| 11      | 15                      | 17.30                         | 429                                            | Yes                     |
| 12      | 12                      | 12.30                         | 232                                            | Yes                     |
| 13      | 12                      | 12.10                         | 205                                            | Yes                     |
| 14      | 16                      | 19.10                         | 417                                            | Yes                     |
| 15      | 16                      | 19.90                         | 304                                            | Yes                     |
| 16      | 16                      | 19.80                         | 399                                            | Yes                     |
| 17      | 13                      | 13.70                         | 405                                            | Yes                     |
| 18      | 13                      | 14.50                         | 363                                            | Yes                     |
| 19      | 16                      | 19.40                         | 237                                            | Yes                     |
| 20      | 15                      | 18.00                         | 306                                            | Yes                     |
| 21      | 15                      | 17.90                         | 260                                            | Yes                     |
| 22      | 13                      | 13.60                         | 309                                            | Yes                     |
| 23      | 13                      | 13.40                         | 312                                            | Yes                     |
| 24      | 16                      | 19.60                         | 225                                            | Yes                     |
| 25      | 14                      | 15.10                         | 244                                            | Yes                     |
| 26      | 15                      | 17.40                         | 455                                            | Yes                     |
| 27      | 12                      | 11.90                         | 447                                            | Yes                     |
| 28      | 12                      | 11.30                         | 293                                            | Yes                     |
| 29      | 15                      | 17.30                         | 251                                            | Yes                     |
| 30      | 15                      | 17.50                         | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 1                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 70.9                              | 11                   | 1382                              | -                                 | 607199                                         |
| 2                          | 1                   | 51.3                              | 11                   | -                                 | -                                 | 831313                                         |
| 3                          | 2                   | 82.3                              | 11                   | 1697                              | -                                 | 133304                                         |
| 4                          | 1                   | 58.5                              | 11                   | -                                 | -                                 | 357129                                         |
| 5                          | 2                   | 69.2                              | 11                   | 1302                              | -                                 | 579986                                         |
| 6                          | 2                   | 71.3                              | 11                   | 1251                              | -                                 | 803177                                         |
| 7                          | 3                   | 83.7                              | 11                   | 1315                              | 1698                              | 105610                                         |
| 8                          | 2                   | 82.2                              | 11                   | 1191                              | -                                 | 329049                                         |
| 9                          | 3                   | 91.2                              | 11                   | 1972                              | 1709                              | 551064                                         |
| 10                         | 2                   | 76.2                              | 11                   | 1467                              | -                                 | 775416                                         |
| 11                         | 3                   | 85                                | 11                   | 1012                              | 1578                              | 78236                                          |
| 12                         | 1                   | 57.6                              | 11                   | -                                 | -                                 | 302017                                         |
| 13                         | 1                   | 56.3                              | 11                   | -                                 | -                                 | 525297                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 2                    |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 95                                | 5                    | 1948                              | 1185                              | 1215242                                        |
| 2                          | 3                   | 99                                | 5                    | 1833                              | 1351                              | 82642                                          |
| 3                          | 3                   | 98.7                              | 5                    | 1412                              | 1525                              | 445268                                         |
| 4                          | 1                   | 65.3                              | 5                    | -                                 | -                                 | 809471                                         |
| 5                          | 2                   | 69.8                              | 5                    | 1820                              | -                                 | 1171763                                        |
| 6                          | 3                   | 96.3                              | 5                    | 1620                              | 1270                              | 37958                                          |
| 7                          | 3                   | 89                                | 5                    | 1614                              | 1240                              | 400567                                         |
| 8                          | 3                   | 88.1                              | 5                    | 1692                              | 1258                              | 763386                                         |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 3                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 64.4                              | 15                   | -                                 | -                                 | 563639                                         |
| 2                          | 1                   | 63.6                              | 15                   | -                                 | -                                 | 744683                                         |
| 3                          | 3                   | 97.8                              | 15                   | 1746                              | 1217                              | 177507                                         |
| 4                          | 2                   | 73                                | 15                   | 1524                              | -                                 | 358876                                         |
| 5                          | 3                   | 85.4                              | 15                   | 1057                              | 1716                              | 539290                                         |
| 6                          | 1                   | 55.3                              | 15                   | -                                 | -                                 | 722581                                         |
| 7                          | 1                   | 52                                | 15                   | -                                 | -                                 | 155839                                         |
| 8                          | 3                   | 84.6                              | 15                   | 1889                              | 1455                              | 335932                                         |
| 9                          | 3                   | 86.2                              | 15                   | 1902                              | 1936                              | 516275                                         |
| 10                         | 2                   | 74.4                              | 15                   | 1426                              | -                                 | 699401                                         |
| 11                         | 1                   | 53.1                              | 15                   | -                                 | -                                 | 133412                                         |
| 12                         | 2                   | 77.6                              | 15                   | 1236                              | -                                 | 314332                                         |
| 13                         | 3                   | 99.9                              | 15                   | 1862                              | 1721                              | 494102                                         |
| 14                         | 2                   | 77.2                              | 15                   | 1453                              | -                                 | 677010                                         |
| 15                         | 3                   | 98.2                              | 15                   | 1591                              | 1827                              | 110557                                         |
| 16                         | 2                   | 71.6                              | 15                   | 1335                              | -                                 | 292150                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 4                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 10                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 58                                | 7                    | -                                 | -                                 | 759061                                         |
| 2                          | 3                   | 94.7                              | 7                    | 1046                              | 1513                              | 1047665                                        |
| 3                          | 1                   | 54.7                              | 7                    | -                                 | -                                 | 142025                                         |
| 4                          | 2                   | 81.4                              | 7                    | 1966                              | -                                 | 431913                                         |
| 5                          | 1                   | 52.7                              | 7                    | -                                 | -                                 | 723717                                         |
| 6                          | 3                   | 88.9                              | 7                    | 1327                              | 1969                              | 1011358                                        |
| 7                          | 3                   | 92.7                              | 7                    | 1585                              | 1636                              | 105956                                         |
| 8                          | 1                   | 58.7                              | 7                    | -                                 | -                                 | 396842                                         |
| 9                          | 2                   | 73.6                              | 7                    | 1789                              | -                                 | 686677                                         |
| 10                         | 1                   | 58.2                              | 7                    | -                                 | -                                 | 978013                                         |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 5                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 12                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 66.8                              | 11                   | 1145                              | -                                 | 58664                                          |
| 2                          | 3                   | 93.5                              | 11                   | 1764                              | 1886                              | 299898                                         |
| 3                          | 1                   | 54                                | 11                   | -                                 | -                                 | 542901                                         |
| 4                          | 2                   | 67.6                              | 11                   | 1324                              | -                                 | 784160                                         |
| 5                          | 3                   | 90.2                              | 11                   | 1468                              | 1142                              | 28810                                          |
| 6                          | 3                   | 91.6                              | 11                   | 1022                              | 1791                              | 270254                                         |
| 7                          | 3                   | 96.8                              | 11                   | 1409                              | 1157                              | 511938                                         |
| 8                          | 1                   | 61.1                              | 11                   | -                                 | -                                 | 755530                                         |
| 9                          | 1                   | 56.4                              | 11                   | -                                 | -                                 | 997935                                         |
| 10                         | 3                   | 87.8                              | 11                   | 1678                              | 1523                              | 240450                                         |
| 11                         | 3                   | 84.6                              | 11                   | 1132                              | 1844                              | 481823                                         |
| 12                         | 3                   | 85.6                              | 11                   | 1136                              | 1816                              | 723679                                         |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 6                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 83.8                              | 11                   | 1584                              | 1503                              | 890008                                         |
| 2                          | 1                   | 66                                | 11                   | -                                 | -                                 | 195201                                         |
| 3                          | 2                   | 81.6                              | 11                   | 1977                              | -                                 | 417667                                         |
| 4                          | 3                   | 97.6                              | 11                   | 1331                              | 1715                              | 639665                                         |
| 5                          | 1                   | 54.9                              | 11                   | -                                 | -                                 | 865462                                         |
| 6                          | 1                   | 51.7                              | 11                   | -                                 | -                                 | 167535                                         |
| 7                          | 2                   | 81.9                              | 11                   | 1640                              | -                                 | 390545                                         |
| 8                          | 2                   | 80.1                              | 11                   | 1233                              | -                                 | 613616                                         |
| 9                          | 1                   | 56.5                              | 11                   | -                                 | -                                 | 837979                                         |
| 10                         | 2                   | 67.8                              | 11                   | 1045                              | -                                 | 139906                                         |
| 11                         | 1                   | 50.7                              | 11                   | -                                 | -                                 | 363458                                         |
| 12                         | 2                   | 77                                | 11                   | 1479                              | -                                 | 586052                                         |
| 13                         | 1                   | 57.2                              | 11                   | -                                 | -                                 | 810838                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 7                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 75.1                              | 15                   | 1769                              | -                                 | 91197                                          |
| 2                          | 3                   | 91.6                              | 15                   | 1690                              | 1912                              | 271553                                         |
| 3                          | 1                   | 57.5                              | 15                   | -                                 | -                                 | 454401                                         |
| 4                          | 3                   | 85.3                              | 15                   | 1774                              | 1039                              | 633163                                         |
| 5                          | 2                   | 75.6                              | 15                   | 1434                              | -                                 | 68851                                          |
| 6                          | 2                   | 71                                | 15                   | 1574                              | -                                 | 250051                                         |
| 7                          | 3                   | 89                                | 15                   | 1732                              | 2000                              | 429767                                         |
| 8                          | 3                   | 99.5                              | 15                   | 1876                              | 1919                              | 610208                                         |
| 9                          | 2                   | 77.2                              | 15                   | 1396                              | -                                 | 46567                                          |
| 10                         | 3                   | 88.5                              | 15                   | 1836                              | 1669                              | 227089                                         |
| 11                         | 1                   | 58.5                              | 15                   | -                                 | -                                 | 409743                                         |
| 12                         | 2                   | 80.5                              | 15                   | 1347                              | -                                 | 590364                                         |
| 13                         | 2                   | 68.6                              | 15                   | 1182                              | -                                 | 24251                                          |
| 14                         | 3                   | 84.3                              | 15                   | 1831                              | 1207                              | 205117                                         |
| 15                         | 1                   | 61.5                              | 15                   | -                                 | -                                 | 387117                                         |
| 16                         | 2                   | 80.9                              | 15                   | 1020                              | -                                 | 568481                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 8                    |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.8                              | 15                   | 1897                              | 1326                              | 1922                                           |
| 2                          | 2                   | 70.8                              | 15                   | 1202                              | -                                 | 183135                                         |
| 3                          | 1                   | 60.4                              | 15                   | -                                 | -                                 | 365239                                         |
| 4                          | 3                   | 87                                | 15                   | 1198                              | 1887                              | 544337                                         |
| 5                          | 2                   | 72.5                              | 15                   | 1195                              | -                                 | 726686                                         |
| 6                          | 1                   | 60.8                              | 15                   | -                                 | -                                 | 161024                                         |
| 7                          | 3                   | 88.7                              | 15                   | 1871                              | 1528                              | 341123                                         |
| 8                          | 3                   | 99.9                              | 15                   | 1856                              | 1624                              | 521648                                         |
| 9                          | 1                   | 55.1                              | 15                   | -                                 | -                                 | 706035                                         |
| 10                         | 3                   | 83.9                              | 15                   | 1680                              | 1515                              | 138102                                         |
| 11                         | 3                   | 90.9                              | 15                   | 1651                              | 1832                              | 318623                                         |
| 12                         | 2                   | 76.9                              | 15                   | 1060                              | -                                 | 501191                                         |
| 13                         | 3                   | 93.6                              | 15                   | 1232                              | 1770                              | 680186                                         |
| 14                         | 1                   | 51.7                              | 15                   | -                                 | -                                 | 116307                                         |
| 15                         | 3                   | 99.1                              | 15                   | 1447                              | 1587                              | 296583                                         |
| 16                         | 3                   | 92.8                              | 15                   | 1784                              | 1988                              | 477298                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 9                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 77.1                              | 18                   | 1939                              | -                                 | 585571                                         |
| 2                          | 1                   | 60.3                              | 18                   | -                                 | -                                 | 83502                                          |
| 3                          | 1                   | 65                                | 18                   | -                                 | -                                 | 244916                                         |
| 4                          | 3                   | 100                               | 18                   | 1951                              | 1171                              | 404134                                         |
| 5                          | 3                   | 89.3                              | 18                   | 1193                              | 1390                              | 565408                                         |
| 6                          | 2                   | 75.8                              | 18                   | 1135                              | -                                 | 63552                                          |
| 7                          | 2                   | 80.9                              | 18                   | 1495                              | -                                 | 224406                                         |
| 8                          | 2                   | 66.8                              | 18                   | 1802                              | -                                 | 385110                                         |
| 9                          | 3                   | 95.7                              | 18                   | 1612                              | 1160                              | 545529                                         |
| 10                         | 3                   | 86.1                              | 18                   | 1101                              | 1063                              | 43672                                          |
| 11                         | 1                   | 56.5                              | 18                   | -                                 | -                                 | 205230                                         |
| 12                         | 2                   | 77.6                              | 18                   | 1179                              | -                                 | 365860                                         |
| 13                         | 2                   | 73.1                              | 18                   | 1787                              | -                                 | 526215                                         |
| 14                         | 2                   | 67                                | 18                   | 1385                              | -                                 | 23888                                          |
| 15                         | 3                   | 86.4                              | 18                   | 1489                              | 1890                              | 184254                                         |
| 16                         | 2                   | 67.5                              | 18                   | 1111                              | -                                 | 345991                                         |
| 17                         | 2                   | 70.3                              | 18                   | 1682                              | -                                 | 506567                                         |
| 18                         | 3                   | 99.3                              | 18                   | 1345                              | 1870                              | 4047                                           |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 10                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 14                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5530                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 67.7                              | 13                   | 1476                              | -                                 | 212375                                         |
| 2                          | 3                   | 97.1                              | 13                   | 1205                              | 1761                              | 418752                                         |
| 3                          | 3                   | 90.4                              | 13                   | 1828                              | 1708                              | 625138                                         |
| 4                          | 3                   | 90.1                              | 13                   | 1516                              | 1729                              | 831992                                         |
| 5                          | 3                   | 84.7                              | 13                   | 1075                              | 1618                              | 186521                                         |
| 6                          | 1                   | 64.2                              | 13                   | -                                 | -                                 | 394926                                         |
| 7                          | 1                   | 52.9                              | 13                   | -                                 | -                                 | 602135                                         |
| 8                          | 1                   | 57.7                              | 13                   | -                                 | -                                 | 809694                                         |
| 9                          | 2                   | 80.2                              | 13                   | 1079                              | -                                 | 161347                                         |
| 10                         | 3                   | 91.8                              | 13                   | 1373                              | 1474                              | 368017                                         |
| 11                         | 2                   | 80.1                              | 13                   | 1509                              | -                                 | 575778                                         |
| 12                         | 1                   | 62                                | 13                   | -                                 | -                                 | 784102                                         |
| 13                         | 1                   | 55.9                              | 13                   | -                                 | -                                 | 136067                                         |
| 14                         | 2                   | 75.5                              | 13                   | 1666                              | -                                 | 342992                                         |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 11                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 89.4                              | 16                   | 1051                              | 1159                              | 451948                                         |
| 2                          | 1                   | 65.8                              | 16                   | -                                 | -                                 | 624728                                         |
| 3                          | 1                   | 53.4                              | 16                   | -                                 | -                                 | 91018                                          |
| 4                          | 1                   | 58.2                              | 16                   | -                                 | -                                 | 261908                                         |
| 5                          | 2                   | 69.2                              | 16                   | 1226                              | -                                 | 431731                                         |
| 6                          | 1                   | 61.6                              | 16                   | -                                 | -                                 | 603105                                         |
| 7                          | 3                   | 91.6                              | 16                   | 1710                              | 1562                              | 69564                                          |
| 8                          | 1                   | 62.9                              | 16                   | -                                 | -                                 | 240718                                         |
| 9                          | 3                   | 89.9                              | 16                   | 1803                              | 1181                              | 410065                                         |
| 10                         | 3                   | 93.7                              | 16                   | 1164                              | 1536                              | 580325                                         |
| 11                         | 3                   | 91.3                              | 16                   | 1767                              | 1148                              | 48709                                          |
| 12                         | 3                   | 86.5                              | 16                   | 1180                              | 1220                              | 218933                                         |
| 13                         | 1                   | 54.2                              | 16                   | -                                 | -                                 | 390758                                         |
| 14                         | 1                   | 61                                | 16                   | -                                 | -                                 | 561746                                         |
| 15                         | 2                   | 76.7                              | 16                   | 1655                              | -                                 | 27773                                          |
| 16                         | 3                   | 88.1                              | 16                   | 1952                              | 1566                              | 197585                                         |
| 17                         | 3                   | 97.6                              | 16                   | 1773                              | 1501                              | 367727                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 12                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5494                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 73.4                              | 7                    | 1888                              | -                                 | 1019942                                        |
| 2                          | 1                   | 56.6                              | 7                    | -                                 | -                                 | 12854                                          |
| 3                          | 3                   | 94.4                              | 7                    | 1759                              | 1850                              | 334863                                         |
| 4                          | 3                   | 84                                | 7                    | 1571                              | 1050                              | 657635                                         |
| 5                          | 1                   | 52                                | 7                    | -                                 | -                                 | 982049                                         |
| 6                          | 1                   | 52.4                              | 7                    | -                                 | -                                 | 1304427                                        |
| 7                          | 3                   | 87                                | 7                    | 1413                              | 1603                              | 295368                                         |
| 8                          | 2                   | 75.6                              | 7                    | 1799                              | -                                 | 618483                                         |
| 9                          | 1                   | 50.8                              | 7                    | -                                 | -                                 | 941856                                         |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                  |                                | 13                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5494                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                | 97.1                           | 7                    | 1124                              | 1909                              | 1261910                                        |
| 2                          | 2                | 81.5                           | 7                    | 1813                              | -                                 | 255887                                         |
| 3                          | 3                | 95.7                           | 7                    | 1792                              | 1016                              | 577927                                         |
| 4                          | 3                | 89.1                           | 7                    | 1130                              | 1439                              | 900498                                         |
| 5                          | 3                | 86.7                           | 7                    | 1756                              | 1625                              | 1222410                                        |
| 6                          | 3                | 83.7                           | 7                    | 1069                              | 1605                              | 216070                                         |
| 7                          | 2                | 80.2                           | 7                    | 1406                              | -                                 | 539027                                         |
| 8                          | 2                | 81.1                           | 7                    | 1840                              | -                                 | 861642                                         |
| 9                          | 3                | 88.3                           | 7                    | 1015                              | 1613                              | 1183462                                        |
| 10                         |                  |                                |                      |                                   |                                   |                                                |
| 11                         |                  |                                |                      |                                   |                                   |                                                |
| 12                         |                  |                                |                      |                                   |                                   |                                                |
| 13                         |                  |                                |                      |                                   |                                   |                                                |
| 14                         |                  |                                |                      |                                   |                                   |                                                |
| 15                         |                  |                                |                      |                                   |                                   |                                                |
| 16                         |                  |                                |                      |                                   |                                   |                                                |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 14                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 19                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 57.3                              | 19                   | -                                 | -                                 | 83657                                          |
| 2                          | 1                   | 63.6                              | 19                   | -                                 | -                                 | 236510                                         |
| 3                          | 2                   | 78.1                              | 19                   | 1005                              | -                                 | 388745                                         |
| 4                          | 3                   | 98.3                              | 19                   | 1673                              | 1959                              | 538752                                         |
| 5                          | 1                   | 58.6                              | 19                   | -                                 | -                                 | 64765                                          |
| 6                          | 1                   | 57.6                              | 19                   | -                                 | -                                 | 217755                                         |
| 7                          | 1                   | 54.8                              | 19                   | -                                 | -                                 | 370463                                         |
| 8                          | 1                   | 57.1                              | 19                   | -                                 | -                                 | 523592                                         |
| 9                          | 3                   | 96.7                              | 19                   | 1055                              | 1557                              | 45797                                          |
| 10                         | 3                   | 98.8                              | 19                   | 1496                              | 1768                              | 197619                                         |
| 11                         | 3                   | 98.3                              | 19                   | 1545                              | 1488                              | 350107                                         |
| 12                         | 1                   | 59.9                              | 19                   | -                                 | -                                 | 504004                                         |
| 13                         | 3                   | 91.9                              | 19                   | 1477                              | 1375                              | 26999                                          |
| 14                         | 2                   | 81                                | 19                   | 1206                              | -                                 | 179500                                         |
| 15                         | 3                   | 92.1                              | 19                   | 1177                              | 1128                              | 331668                                         |
| 16                         | 3                   | 94.2                              | 19                   | 1962                              | 1309                              | 482717                                         |
| 17                         | 1                   | 56.6                              | 19                   | -                                 | -                                 | 8312                                           |
| 18                         | 1                   | 55.4                              | 19                   | -                                 | -                                 | 161086                                         |
| 19                         | 1                   | 61.6                              | 19                   | -                                 | -                                 | 314108                                         |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 15                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 91.6                              | 20                   | 1580                              | 1381                              | 441397                                         |
| 2                          | 3                   | 87.4                              | 20                   | 1262                              | 1433                              | 585754                                         |
| 3                          | 1                   | 63.4                              | 20                   | -                                 | -                                 | 135072                                         |
| 4                          | 1                   | 66.4                              | 20                   | -                                 | -                                 | 280436                                         |
| 5                          | 2                   | 82.7                              | 20                   | 1095                              | -                                 | 424736                                         |
| 6                          | 2                   | 68.4                              | 20                   | 1993                              | -                                 | 568830                                         |
| 7                          | 1                   | 64.6                              | 20                   | -                                 | -                                 | 117266                                         |
| 8                          | 1                   | 60.1                              | 20                   | -                                 | -                                 | 262551                                         |
| 9                          | 2                   | 67.3                              | 20                   | 1312                              | -                                 | 406661                                         |
| 10                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 552941                                         |
| 11                         | 1                   | 56.9                              | 20                   | -                                 | -                                 | 99449                                          |
| 12                         | 1                   | 57.6                              | 20                   | -                                 | -                                 | 244579                                         |
| 13                         | 1                   | 56.2                              | 20                   | -                                 | -                                 | 389593                                         |
| 14                         | 2                   | 73.2                              | 20                   | 1551                              | -                                 | 533593                                         |
| 15                         | 2                   | 72.8                              | 20                   | 1999                              | -                                 | 81275                                          |
| 16                         | 2                   | 69.4                              | 20                   | 1590                              | -                                 | 226227                                         |
| 17                         | 2                   | 74.5                              | 20                   | 1222                              | -                                 | 371370                                         |
| 18                         | 2                   | 69.5                              | 20                   | 1762                              | -                                 | 515331                                         |
| 19                         | 2                   | 75.2                              | 20                   | 1019                              | -                                 | 63582                                          |
| 20                         | 3                   | 98                                | 20                   | 1162                              | 1623                              | 207953                                         |

| Trial Number:              |                     |                                   | 16                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86.7                              | 20                   | 1549                              | 1374                              | 352049                                         |
| 2                          | 2                   | 79.1                              | 20                   | 1254                              | -                                 | 497748                                         |
| 3                          | 3                   | 94.9                              | 20                   | 1961                              | 1600                              | 45515                                          |
| 4                          | 1                   | 55.7                              | 20                   | -                                 | -                                 | 190982                                         |
| 5                          | 3                   | 88.3                              | 20                   | 1847                              | 1170                              | 334166                                         |
| 6                          | 2                   | 77.3                              | 20                   | 1304                              | -                                 | 480171                                         |
| 7                          | 3                   | 90.9                              | 20                   | 1511                              | 1174                              | 27762                                          |
| 8                          | 1                   | 55.1                              | 20                   | -                                 | -                                 | 173126                                         |
| 9                          | 1                   | 50.5                              | 20                   | -                                 | -                                 | 318414                                         |
| 10                         | 1                   | 53.5                              | 20                   | -                                 | -                                 | 463010                                         |
| 11                         | 3                   | 95                                | 20                   | 1878                              | 1604                              | 9959                                           |
| 12                         | 2                   | 80                                | 20                   | 1083                              | -                                 | 155010                                         |
| 13                         | 2                   | 78.2                              | 20                   | 1349                              | -                                 | 299713                                         |
| 14                         | 2                   | 68.5                              | 20                   | 1683                              | -                                 | 444115                                         |
| 15                         | 3                   | 89.5                              | 20                   | 1332                              | 1425                              | 588262                                         |
| 16                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 137310                                         |
| 17                         | 3                   | 94                                | 20                   | 1498                              | 1824                              | 281009                                         |
| 18                         | 3                   | 97.2                              | 20                   | 1895                              | 1307                              | 425163                                         |
| 19                         | 3                   | 95.4                              | 20                   | 1684                              | 1073                              | 569988                                         |
| 20                         | 2                   | 79.8                              | 20                   | 1821                              | -                                 | 119008                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 17                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5495                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 94.1                              | 9                    | 1689                              | 1235                              | 480128                                         |
| 2                          | 3                   | 97.6                              | 9                    | 1081                              | 1911                              | 743417                                         |
| 3                          | 3                   | 87.5                              | 9                    | 1838                              | 1734                              | 1006741                                        |
| 4                          | 1                   | 56.3                              | 9                    | -                                 | -                                 | 184879                                         |
| 5                          | 3                   | 89.8                              | 9                    | 1918                              | 1893                              | 447627                                         |
| 6                          | 3                   | 91.1                              | 9                    | 1363                              | 1230                              | 711688                                         |
| 7                          | 3                   | 92.1                              | 9                    | 1917                              | 1494                              | 974691                                         |
| 8                          | 3                   | 86.7                              | 9                    | 1724                              | 1953                              | 151749                                         |
| 9                          | 2                   | 69.1                              | 9                    | 1168                              | -                                 | 415928                                         |
| 10                         | 1                   | 61.5                              | 9                    | -                                 | -                                 | 680436                                         |
| 11                         | 2                   | 67.6                              | 9                    | 1915                              | -                                 | 943634                                         |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 18                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5496                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 74.7                              | 11                   | 1219                              | -                                 | 101179                                         |
| 2                          | 2                   | 81.5                              | 11                   | 1042                              | -                                 | 324386                                         |
| 3                          | 1                   | 57.5                              | 11                   | -                                 | -                                 | 548137                                         |
| 4                          | 2                   | 74.9                              | 11                   | 1826                              | -                                 | 770026                                         |
| 5                          | 1                   | 62.5                              | 11                   | -                                 | -                                 | 73723                                          |
| 6                          | 3                   | 92.5                              | 11                   | 1814                              | 1507                              | 296235                                         |
| 7                          | 1                   | 57.6                              | 11                   | -                                 | -                                 | 520928                                         |
| 8                          | 2                   | 78.2                              | 11                   | 1127                              | -                                 | 743021                                         |
| 9                          | 1                   | 55.3                              | 11                   | -                                 | -                                 | 46185                                          |
| 10                         | 2                   | 77.6                              | 11                   | 1639                              | -                                 | 269166                                         |
| 11                         | 1                   | 59.5                              | 11                   | -                                 | -                                 | 493048                                         |
| 12                         | 1                   | 59.5                              | 11                   | -                                 | -                                 | 717011                                         |
| 13                         | 1                   | 63.8                              | 11                   | -                                 | -                                 | 18668                                          |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                  |                                | 19                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 55.8                           | 19                   | -                                 | -                                 | 157334                                         |
| 2                          | 2                | 76.9                           | 19                   | 1243                              | -                                 | 301806                                         |
| 3                          | 2                | 79.5                           | 19                   | 1801                              | -                                 | 446145                                         |
| 4                          | 3                | 87.7                           | 19                   | 1166                              | 1342                              | 590319                                         |
| 5                          | 3                | 83.8                           | 19                   | 1210                              | 1279                              | 138872                                         |
| 6                          | 2                | 71.9                           | 19                   | 1923                              | -                                 | 283437                                         |
| 7                          | 2                | 75.5                           | 19                   | 1134                              | -                                 | 429046                                         |
| 8                          | 2                | 77.4                           | 19                   | 1419                              | -                                 | 573513                                         |
| 9                          | 2                | 74.1                           | 19                   | 1416                              | -                                 | 121184                                         |
| 10                         | 3                | 95.4                           | 19                   | 1411                              | 1938                              | 265119                                         |
| 11                         | 1                | 53.8                           | 19                   | -                                 | -                                 | 411866                                         |
| 12                         | 3                | 89.2                           | 19                   | 1699                              | 1804                              | 553902                                         |
| 13                         | 3                | 91.6                           | 19                   | 1268                              | 1266                              | 103191                                         |
| 14                         | 3                | 88.6                           | 19                   | 1929                              | 1484                              | 247349                                         |
| 15                         | 1                | 65.9                           | 19                   | -                                 | -                                 | 394268                                         |
| 16                         | 3                | 97.3                           | 19                   | 1275                              | 1738                              | 536731                                         |
| 17                         | 3                | 85.3                           | 19                   | 1238                              | 1641                              | 85351                                          |
| 18                         | 1                | 54.1                           | 19                   | -                                 | -                                 | 231087                                         |
| 19                         | 3                | 86.1                           | 19                   | 1106                              | 1377                              | 374638                                         |
| 20                         | 3                | 89                             | 19                   | 1843                              | 1922                              | 518062                                         |

| Trial Number:              |                     |                                   | 20                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86                                | 17                   | 1652                              | 1514                              | 75125                                          |
| 2                          | 2                   | 70.2                              | 17                   | 1105                              | -                                 | 236228                                         |
| 3                          | 3                   | 98.5                              | 17                   | 1510                              | 1579                              | 396075                                         |
| 4                          | 2                   | 70.7                              | 17                   | 1285                              | -                                 | 558371                                         |
| 5                          | 3                   | 93.7                              | 17                   | 1430                              | 1880                              | 55333                                          |
| 6                          | 2                   | 77                                | 17                   | 1964                              | -                                 | 216304                                         |
| 7                          | 1                   | 58.4                              | 17                   | -                                 | -                                 | 377945                                         |
| 8                          | 3                   | 86.3                              | 17                   | 1103                              | 1172                              | 537526                                         |
| 9                          | 2                   | 68.9                              | 17                   | 1608                              | -                                 | 35623                                          |
| 10                         | 3                   | 90.1                              | 17                   | 1322                              | 1861                              | 196118                                         |
| 11                         | 1                   | 52.2                              | 17                   | -                                 | -                                 | 358570                                         |
| 12                         | 3                   | 84.6                              | 17                   | 1074                              | 1506                              | 517769                                         |
| 13                         | 3                   | 88                                | 17                   | 1252                              | 1712                              | 15749                                          |
| 14                         | 2                   | 73.7                              | 17                   | 1469                              | -                                 | 176631                                         |
| 15                         | 1                   | 50.4                              | 17                   | -                                 | -                                 | 338454                                         |
| 16                         | 1                   | 62.8                              | 17                   | -                                 | -                                 | 499627                                         |
| 17                         | 1                   | 61.6                              | 17                   | -                                 | -                                 | 660942                                         |
| 18                         | 1                   | 54.3                              | 17                   | -                                 | -                                 | 157339                                         |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 21                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5562                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 52.9                              | 17                   | -                                 | -                                 | 337360                                         |
| 2                          | 3                   | 97.2                              | 17                   | 1705                              | 1344                              | 506316                                         |
| 3                          | 3                   | 86.1                              | 17                   | 1581                              | 1865                              | 675558                                         |
| 4                          | 3                   | 90.2                              | 17                   | 1392                              | 1973                              | 144799                                         |
| 5                          | 1                   | 50.6                              | 17                   | -                                 | -                                 | 316543                                         |
| 6                          | 3                   | 86.2                              | 17                   | 1879                              | 1048                              | 485387                                         |
| 7                          | 1                   | 53.6                              | 17                   | -                                 | -                                 | 657637                                         |
| 8                          | 3                   | 85.7                              | 17                   | 1896                              | 1286                              | 123880                                         |
| 9                          | 2                   | 70.9                              | 17                   | 1291                              | -                                 | 294768                                         |
| 10                         | 1                   | 53.8                              | 17                   | -                                 | -                                 | 466451                                         |
| 11                         | 3                   | 91.8                              | 17                   | 1718                              | 1668                              | 634304                                         |
| 12                         | 2                   | 81                                | 17                   | 1931                              | -                                 | 103187                                         |
| 13                         | 2                   | 70                                | 17                   | 1538                              | -                                 | 273497                                         |
| 14                         | 2                   | 73.4                              | 17                   | 1343                              | -                                 | 444521                                         |
| 15                         | 2                   | 73.5                              | 17                   | 1606                              | -                                 | 614358                                         |
| 16                         | 2                   | 70.5                              | 17                   | 1845                              | -                                 | 82116                                          |
| 17                         | 2                   | 77.9                              | 17                   | 1825                              | -                                 | 252655                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 22                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5565                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 85.7                              | 9                    | 1218                              | 1311                              | 654030                                         |
| 2                          | 2                   | 78.4                              | 9                    | 1121                              | -                                 | 919132                                         |
| 3                          | 1                   | 58.7                              | 9                    | -                                 | -                                 | 94901                                          |
| 4                          | 3                   | 94.1                              | 9                    | 1830                              | 1239                              | 358055                                         |
| 5                          | 1                   | 56.8                              | 9                    | -                                 | -                                 | 623240                                         |
| 6                          | 1                   | 63.5                              | 9                    | -                                 | -                                 | 887667                                         |
| 7                          | 3                   | 89.3                              | 9                    | 1104                              | 1881                              | 62168                                          |
| 8                          | 1                   | 58.4                              | 9                    | -                                 | -                                 | 326679                                         |
| 9                          | 3                   | 84                                | 9                    | 1329                              | 1956                              | 589054                                         |
| 10                         | 3                   | 93.1                              | 9                    | 1273                              | 1209                              | 853238                                         |
| 11                         | 2                   | 69.3                              | 9                    | 1530                              | -                                 | 29741                                          |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 23                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5565                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 51.2                              | 9                    | -                                 | -                                 | 293866                                         |
| 2                          | 2                   | 67.9                              | 9                    | 1269                              | -                                 | 557469                                         |
| 3                          | 3                   | 88.2                              | 9                    | 1149                              | 1085                              | 820457                                         |
| 4                          | 1                   | 53                                | 9                    | -                                 | -                                 | 1086765                                        |
| 5                          | 3                   | 85.6                              | 9                    | 1775                              | 1084                              | 260785                                         |
| 6                          | 2                   | 81                                | 9                    | 1359                              | -                                 | 525208                                         |
| 7                          | 1                   | 51.2                              | 9                    | -                                 | -                                 | 790203                                         |
| 8                          | 3                   | 88.9                              | 9                    | 1125                              | 1535                              | 1051826                                        |
| 9                          | 1                   | 52.9                              | 9                    | -                                 | -                                 | 228918                                         |
| 10                         | 3                   | 95.8                              | 9                    | 1176                              | 1872                              | 491843                                         |
| 11                         | 2                   | 69.6                              | 9                    | 1748                              | -                                 | 756254                                         |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 24                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5561                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 62.3                              | 20                   | -                                 | -                                 | 560780                                         |
| 2                          | 2                   | 67                                | 20                   | 1996                              | -                                 | 107438                                         |
| 3                          | 1                   | 58                                | 20                   | -                                 | -                                 | 253061                                         |
| 4                          | 1                   | 56                                | 20                   | -                                 | -                                 | 398446                                         |
| 5                          | 1                   | 54.5                              | 20                   | -                                 | -                                 | 543173                                         |
| 6                          | 3                   | 94.5                              | 20                   | 1616                              | 1901                              | 89399                                          |
| 7                          | 3                   | 88                                | 20                   | 1089                              | 1864                              | 233999                                         |
| 8                          | 2                   | 70.1                              | 20                   | 1537                              | -                                 | 379359                                         |
| 9                          | 2                   | 78.9                              | 20                   | 1967                              | -                                 | 523377                                         |
| 10                         | 1                   | 61.1                              | 20                   | -                                 | -                                 | 72057                                          |
| 11                         | 2                   | 67.4                              | 20                   | 1334                              | -                                 | 216769                                         |
| 12                         | 3                   | 95.9                              | 20                   | 1241                              | 1372                              | 360952                                         |
| 13                         | 1                   | 64.7                              | 20                   | -                                 | -                                 | 507805                                         |
| 14                         | 3                   | 84.5                              | 20                   | 1502                              | 1278                              | 53946                                          |
| 15                         | 1                   | 52.8                              | 20                   | -                                 | -                                 | 199418                                         |
| 16                         | 1                   | 60.2                              | 20                   | -                                 | -                                 | 344639                                         |
| 17                         | 3                   | 96.2                              | 20                   | 1190                              | 1271                              | 487382                                         |
| 18                         | 3                   | 83.6                              | 20                   | 1546                              | 1539                              | 36187                                          |
| 19                         | 3                   | 96.8                              | 20                   | 1822                              | 1766                              | 180359                                         |
| 20                         | 2                   | 81.7                              | 20                   | 1227                              | -                                 | 326180                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 25                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5564                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 66.6                              | 12                   | -                                 | -                                 | 726874                                         |
| 2                          | 3                   | 93.2                              | 12                   | 1394                              | 1800                              | 28355                                          |
| 3                          | 3                   | 84.4                              | 12                   | 1499                              | 1199                              | 251235                                         |
| 4                          | 3                   | 84.5                              | 12                   | 1402                              | 1186                              | 474040                                         |
| 5                          | 1                   | 53                                | 12                   | -                                 | -                                 | 698740                                         |
| 6                          | 1                   | 65.7                              | 12                   | -                                 | -                                 | 920                                            |
| 7                          | 3                   | 88.7                              | 12                   | 1242                              | 1443                              | 223880                                         |
| 8                          | 3                   | 95.4                              | 12                   | 1599                              | 1589                              | 446310                                         |
| 9                          | 3                   | 89                                | 12                   | 1921                              | 1178                              | 669053                                         |
| 10                         | 2                   | 72.1                              | 12                   | 1231                              | -                                 | 893528                                         |
| 11                         | 3                   | 84.6                              | 12                   | 1671                              | 1108                              | 196299                                         |
| 12                         | 2                   | 67.6                              | 12                   | 1899                              | -                                 | 419465                                         |
| 13                         | 2                   | 82.1                              | 12                   | 1280                              | -                                 | 642686                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 26                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5562                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 66.1                              | 16                   | -                                 | -                                 | 662723                                         |
| 2                          | 1                   | 66.1                              | 16                   | -                                 | -                                 | 129395                                         |
| 3                          | 3                   | 91.7                              | 16                   | 1011                              | 1481                              | 299281                                         |
| 4                          | 3                   | 86.1                              | 16                   | 1645                              | 1975                              | 468934                                         |
| 5                          | 1                   | 50.7                              | 16                   | -                                 | -                                 | 641821                                         |
| 6                          | 1                   | 59                                | 16                   | -                                 | -                                 | 108372                                         |
| 7                          | 3                   | 94.8                              | 16                   | 1570                              | 1987                              | 277744                                         |
| 8                          | 2                   | 70.5                              | 16                   | 1336                              | -                                 | 449359                                         |
| 9                          | 1                   | 63.9                              | 16                   | -                                 | -                                 | 621069                                         |
| 10                         | 1                   | 64.2                              | 16                   | -                                 | -                                 | 87371                                          |
| 11                         | 1                   | 58.2                              | 16                   | -                                 | -                                 | 258228                                         |
| 12                         | 3                   | 83.8                              | 16                   | 1246                              | 1466                              | 427359                                         |
| 13                         | 2                   | 72                                | 16                   | 1841                              | -                                 | 598006                                         |
| 14                         | 2                   | 73.4                              | 16                   | 1529                              | -                                 | 66157                                          |
| 15                         | 2                   | 68.6                              | 16                   | 1388                              | -                                 | 236547                                         |
| 16                         | 2                   | 82.7                              | 16                   | 1786                              | -                                 | 407037                                         |
| 17                         | 2                   | 70.8                              | 16                   | 1346                              | -                                 | 577790                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 27                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5566                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 55.1                              | 6                    | -                                 | -                                 | 85640                                          |
| 2                          | 1                   | 55.3                              | 6                    | -                                 | -                                 | 408607                                         |
| 3                          | 1                   | 56.2                              | 6                    | -                                 | -                                 | 731574                                         |
| 4                          | 1                   | 64                                | 6                    | -                                 | -                                 | 1054956                                        |
| 5                          | 1                   | 52.9                              | 6                    | -                                 | -                                 | 45837                                          |
| 6                          | 2                   | 69.2                              | 6                    | 1065                              | -                                 | 368518                                         |
| 7                          | 2                   | 82.7                              | 6                    | 1274                              | -                                 | 691097                                         |
| 8                          | 2                   | 73.5                              | 6                    | 1576                              | -                                 | 1014019                                        |
| 9                          | 1                   | 53                                | 6                    | -                                 | -                                 | 6040                                           |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 28                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5567                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.9                              | 5                    | 1026                              | 1601                              | 369525                                         |
| 2                          | 1                   | 55.8                              | 5                    | -                                 | -                                 | 733454                                         |
| 3                          | 3                   | 92.6                              | 5                    | 1818                              | 1500                              | 1095030                                        |
| 4                          | 2                   | 81.1                              | 5                    | 1859                              | -                                 | 1458288                                        |
| 5                          | 1                   | 56.7                              | 5                    | -                                 | -                                 | 325401                                         |
| 6                          | 2                   | 76.5                              | 5                    | 1338                              | -                                 | 688434                                         |
| 7                          | 3                   | 99.9                              | 5                    | 1785                              | 1044                              | 1050094                                        |
| 8                          | 1                   | 63.7                              | 5                    | -                                 | -                                 | 1415546                                        |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 106 Bandwidth 80MHz**

| Trial Number:              |                     |                                   | 29                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5562                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 98.7                              | 16                   | 1099                              | 1010                              | 131465                                         |
| 2                          | 2                   | 68.3                              | 16                   | 1635                              | -                                 | 302267                                         |
| 3                          | 1                   | 61.2                              | 16                   | -                                 | -                                 | 473813                                         |
| 4                          | 2                   | 74.2                              | 16                   | 1958                              | -                                 | 643005                                         |
| 5                          | 3                   | 95.4                              | 16                   | 1894                              | 1471                              | 110364                                         |
| 6                          | 2                   | 74.6                              | 16                   | 1478                              | -                                 | 281246                                         |
| 7                          | 1                   | 52                                | 16                   | -                                 | -                                 | 452261                                         |
| 8                          | 1                   | 61.2                              | 16                   | -                                 | -                                 | 623660                                         |
| 9                          | 1                   | 52.6                              | 16                   | -                                 | -                                 | 89894                                          |
| 10                         | 2                   | 78.9                              | 16                   | 1660                              | -                                 | 260019                                         |
| 11                         | 2                   | 76.1                              | 16                   | 1790                              | -                                 | 430404                                         |
| 12                         | 1                   | 50.6                              | 16                   | -                                 | -                                 | 601992                                         |
| 13                         | 2                   | 81                                | 16                   | 1094                              | -                                 | 68702                                          |
| 14                         | 3                   | 92.3                              | 16                   | 1436                              | 1646                              | 238651                                         |
| 15                         | 2                   | 70                                | 16                   | 1518                              | -                                 | 409560                                         |
| 16                         | 1                   | 62.6                              | 16                   | -                                 | -                                 | 581462                                         |
| 17                         | 2                   | 68.2                              | 16                   | 1779                              | -                                 | 47653                                          |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 30                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5562                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 67                                | 16                   | 1941                              | -                                 | 217929                                         |
| 2                          | 2                   | 79.2                              | 16                   | 1027                              | -                                 | 388798                                         |
| 3                          | 1                   | 61.3                              | 16                   | -                                 | -                                 | 559955                                         |
| 4                          | 2                   | 68.1                              | 16                   | 1290                              | -                                 | 26671                                          |
| 5                          | 1                   | 63.1                              | 16                   | -                                 | -                                 | 197430                                         |
| 6                          | 3                   | 97                                | 16                   | 1924                              | 1259                              | 366904                                         |
| 7                          | 1                   | 59                                | 16                   | -                                 | -                                 | 539423                                         |
| 8                          | 1                   | 62.5                              | 16                   | -                                 | -                                 | 5687                                           |
| 9                          | 3                   | 97.7                              | 16                   | 1815                              | 1194                              | 175690                                         |
| 10                         | 2                   | 70.1                              | 16                   | 1086                              | -                                 | 347019                                         |
| 11                         | 3                   | 88.9                              | 16                   | 1998                              | 1040                              | 516265                                         |
| 12                         | 2                   | 77.9                              | 16                   | 1658                              | -                                 | 687162                                         |
| 13                         | 2                   | 82.9                              | 16                   | 1028                              | -                                 | 155329                                         |
| 14                         | 1                   | 57.4                              | 16                   | -                                 | -                                 | 326404                                         |
| 15                         | 2                   | 81.7                              | 16                   | 1122                              | -                                 | 496697                                         |
| 16                         | 3                   | 83.9                              | 16                   | 1851                              | 1965                              | 664622                                         |
| 17                         | 1                   | 58.3                              | 16                   | -                                 | -                                 | 134409                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 1**  
**Channel 114 Bandwidth 160MHz**

| Trial # | Pulse Repetition<br>Frequency<br>Number (1 to 23) | Pulse Repetition<br>Frequency<br>(Pulses Per Second) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|---------------------------------------------------|------------------------------------------------------|------------------------------------------------|-------------------------|
| 1       | 8                                                 | 1519.76                                              | 658                                            | Yes                     |
| 2       | 5                                                 | 1672.24                                              | 598                                            | Yes                     |
| 3       | 15                                                | 1253.13                                              | 798                                            | Yes                     |
| 4       | 21                                                | 1089.32                                              | 918                                            | Yes                     |
| 5       | 16                                                | 1222.49                                              | 818                                            | Yes                     |
| 6       | 17                                                | 1193.32                                              | 838                                            | Yes                     |
| 7       | 23                                                | 326.16                                               | 3066                                           | Yes                     |
| 8       | 11                                                | 1392.76                                              | 718                                            | Yes                     |
| 9       | 13                                                | 1319.26                                              | 758                                            | Yes                     |
| 10      | 19                                                | 1138.95                                              | 878                                            | Yes                     |
| 11      | 9                                                 | 1474.93                                              | 678                                            | Yes                     |
| 12      | 4                                                 | 1730.10                                              | 578                                            | Yes                     |
| 13      | 22                                                | 1066.10                                              | 938                                            | Yes                     |
| 14      | 6                                                 | 1618.12                                              | 618                                            | Yes                     |
| 15      | 18                                                | 1165.50                                              | 858                                            | Yes                     |
| 16      |                                                   | 922.51                                               | 1084                                           | Yes                     |
| 17      |                                                   | 741.84                                               | 1348                                           | Yes                     |
| 18      |                                                   | 513.35                                               | 1948                                           | Yes                     |
| 19      |                                                   | 390.02                                               | 2564                                           | Yes                     |
| 20      |                                                   | 370.10                                               | 2702                                           | Yes                     |
| 21      |                                                   | 543.48                                               | 1840                                           | Yes                     |
| 22      |                                                   | 1652.89                                              | 605                                            | Yes                     |
| 23      |                                                   | 468.38                                               | 2135                                           | Yes                     |
| 24      |                                                   | 787.40                                               | 1270                                           | Yes                     |
| 25      |                                                   | 343.88                                               | 2908                                           | Yes                     |
| 26      |                                                   | 1821.49                                              | 549                                            | Yes                     |
| 27      |                                                   | 1254.71                                              | 797                                            | Yes                     |
| 28      |                                                   | 359.20                                               | 2784                                           | Yes                     |
| 29      |                                                   | 909.92                                               | 1099                                           | Yes                     |
| 30      |                                                   | 784.93                                               | 1274                                           | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 2**  
**Channel 114 Bandwidth 160MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 25                      | 2.70                          | 162                                            | Yes                     |
| 2       | 23                      | 1.10                          | 202                                            | Yes                     |
| 3       | 27                      | 3.60                          | 226                                            | Yes                     |
| 4       | 24                      | 1.70                          | 168                                            | Yes                     |
| 5       | 25                      | 2.50                          | 163                                            | Yes                     |
| 6       | 25                      | 2.70                          | 159                                            | Yes                     |
| 7       | 27                      | 3.70                          | 174                                            | Yes                     |
| 8       | 27                      | 3.60                          | 224                                            | Yes                     |
| 9       | 28                      | 4.30                          | 218                                            | Yes                     |
| 10      | 26                      | 3.10                          | 230                                            | Yes                     |
| 11      | 27                      | 3.80                          | 217                                            | Yes                     |
| 12      | 24                      | 1.60                          | 216                                            | Yes                     |
| 13      | 23                      | 1.50                          | 170                                            | Yes                     |
| 14      | 29                      | 4.60                          | 165                                            | Yes                     |
| 15      | 29                      | 5.00                          | 219                                            | Yes                     |
| 16      | 29                      | 4.90                          | 195                                            | Yes                     |
| 17      | 25                      | 2.20                          | 208                                            | Yes                     |
| 18      | 25                      | 2.60                          | 204                                            | Yes                     |
| 19      | 29                      | 4.70                          | 209                                            | Yes                     |
| 20      | 28                      | 4.10                          | 156                                            | Yes                     |
| 21      | 28                      | 4.10                          | 183                                            | Yes                     |
| 22      | 25                      | 2.10                          | 215                                            | Yes                     |
| 23      | 24                      | 2.10                          | 213                                            | Yes                     |
| 24      | 29                      | 4.90                          | 155                                            | Yes                     |
| 25      | 26                      | 2.80                          | 178                                            | Yes                     |
| 26      | 27                      | 3.90                          | 182                                            | Yes                     |
| 27      | 23                      | 1.40                          | 184                                            | Yes                     |
| 28      | 23                      | 1.10                          | 205                                            | Yes                     |
| 29      | 27                      | 3.80                          | 189                                            | Yes                     |
| 30      | 28                      | 3.90                          | 172                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 3**  
**Channel 114 Bandwidth 160MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 17                      | 7.70                          | 201                                            | Yes                     |
| 2       | 16                      | 6.10                          | 470                                            | Yes                     |
| 3       | 17                      | 8.60                          | 280                                            | Yes                     |
| 4       | 16                      | 6.70                          | 323                                            | Yes                     |
| 5       | 17                      | 7.50                          | 500                                            | Yes                     |
| 6       | 17                      | 7.70                          | 262                                            | Yes                     |
| 7       | 18                      | 8.70                          | 394                                            | Yes                     |
| 8       | 17                      | 8.60                          | 352                                            | Yes                     |
| 9       | 18                      | 9.30                          | 355                                            | Yes                     |
| 10      | 17                      | 8.10                          | 457                                            | Yes                     |
| 11      | 18                      | 8.80                          | 429                                            | Yes                     |
| 12      | 16                      | 6.60                          | 232                                            | Yes                     |
| 13      | 16                      | 6.50                          | 205                                            | Yes                     |
| 14      | 18                      | 9.60                          | 417                                            | Yes                     |
| 15      | 18                      | 10.00                         | 304                                            | Yes                     |
| 16      | 18                      | 9.90                          | 399                                            | Yes                     |
| 17      | 16                      | 7.20                          | 405                                            | Yes                     |
| 18      | 17                      | 7.60                          | 363                                            | Yes                     |
| 19      | 18                      | 9.70                          | 237                                            | Yes                     |
| 20      | 18                      | 9.10                          | 306                                            | Yes                     |
| 21      | 18                      | 9.10                          | 260                                            | Yes                     |
| 22      | 16                      | 7.10                          | 309                                            | Yes                     |
| 23      | 16                      | 7.10                          | 312                                            | Yes                     |
| 24      | 18                      | 9.90                          | 225                                            | Yes                     |
| 25      | 17                      | 7.80                          | 244                                            | Yes                     |
| 26      | 18                      | 8.90                          | 455                                            | Yes                     |
| 27      | 16                      | 6.40                          | 447                                            | Yes                     |
| 28      | 16                      | 6.10                          | 293                                            | Yes                     |
| 29      | 18                      | 8.80                          | 251                                            | Yes                     |
| 30      | 18                      | 8.90                          | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 4**  
**Channel 114 Bandwidth 160MHz**

| Trial # | Number Pulses per Burst | Pulse Width<br>(Microseconds) | Pulse Repetition<br>Interval<br>(Microseconds) | Detection<br>(Yes / No) |
|---------|-------------------------|-------------------------------|------------------------------------------------|-------------------------|
| 1       | 14                      | 14.70                         | 201                                            | Yes                     |
| 2       | 12                      | 11.20                         | 470                                            | Yes                     |
| 3       | 15                      | 16.80                         | 280                                            | Yes                     |
| 4       | 12                      | 12.50                         | 323                                            | Yes                     |
| 5       | 13                      | 14.40                         | 500                                            | Yes                     |
| 6       | 14                      | 14.80                         | 262                                            | Yes                     |
| 7       | 15                      | 17.10                         | 394                                            | Yes                     |
| 8       | 15                      | 16.80                         | 352                                            | Yes                     |
| 9       | 16                      | 18.40                         | 355                                            | Yes                     |
| 10      | 14                      | 15.70                         | 457                                            | Yes                     |
| 11      | 15                      | 17.30                         | 429                                            | Yes                     |
| 12      | 12                      | 12.30                         | 232                                            | Yes                     |
| 13      | 12                      | 12.10                         | 205                                            | Yes                     |
| 14      | 16                      | 19.10                         | 417                                            | Yes                     |
| 15      | 16                      | 19.90                         | 304                                            | Yes                     |
| 16      | 16                      | 19.80                         | 399                                            | Yes                     |
| 17      | 13                      | 13.70                         | 405                                            | Yes                     |
| 18      | 13                      | 14.50                         | 363                                            | Yes                     |
| 19      | 16                      | 19.40                         | 237                                            | Yes                     |
| 20      | 15                      | 18.00                         | 306                                            | Yes                     |
| 21      | 15                      | 17.90                         | 260                                            | Yes                     |
| 22      | 13                      | 13.60                         | 309                                            | Yes                     |
| 23      | 13                      | 13.40                         | 312                                            | Yes                     |
| 24      | 16                      | 19.60                         | 225                                            | Yes                     |
| 25      | 14                      | 15.10                         | 244                                            | Yes                     |
| 26      | 15                      | 17.40                         | 455                                            | Yes                     |
| 27      | 12                      | 11.90                         | 447                                            | Yes                     |
| 28      | 12                      | 11.30                         | 293                                            | Yes                     |
| 29      | 15                      | 17.30                         | 251                                            | Yes                     |
| 30      | 15                      | 17.50                         | 222                                            | Yes                     |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 1                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 70.9                              | 11                   | 1382                              | -                                 | 607199                                         |
| 2                          | 1                   | 51.3                              | 11                   | -                                 | -                                 | 831313                                         |
| 3                          | 2                   | 82.3                              | 11                   | 1697                              | -                                 | 133304                                         |
| 4                          | 1                   | 58.5                              | 11                   | -                                 | -                                 | 357129                                         |
| 5                          | 2                   | 69.2                              | 11                   | 1302                              | -                                 | 579986                                         |
| 6                          | 2                   | 71.3                              | 11                   | 1251                              | -                                 | 803177                                         |
| 7                          | 3                   | 83.7                              | 11                   | 1315                              | 1698                              | 105610                                         |
| 8                          | 2                   | 82.2                              | 11                   | 1191                              | -                                 | 329049                                         |
| 9                          | 3                   | 91.2                              | 11                   | 1972                              | 1709                              | 551064                                         |
| 10                         | 2                   | 76.2                              | 11                   | 1467                              | -                                 | 775416                                         |
| 11                         | 3                   | 85                                | 11                   | 1012                              | 1578                              | 78236                                          |
| 12                         | 1                   | 57.6                              | 11                   | -                                 | -                                 | 302017                                         |
| 13                         | 1                   | 56.3                              | 11                   | -                                 | -                                 | 525297                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 2                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 95                                | 5                    | 1948                              | 1185                              | 1215242                                        |
| 2                          | 3                   | 99                                | 5                    | 1833                              | 1351                              | 82642                                          |
| 3                          | 3                   | 98.7                              | 5                    | 1412                              | 1525                              | 445268                                         |
| 4                          | 1                   | 65.3                              | 5                    | -                                 | -                                 | 809471                                         |
| 5                          | 2                   | 69.8                              | 5                    | 1820                              | -                                 | 1171763                                        |
| 6                          | 3                   | 96.3                              | 5                    | 1620                              | 1270                              | 37958                                          |
| 7                          | 3                   | 89                                | 5                    | 1614                              | 1240                              | 400567                                         |
| 8                          | 3                   | 88.1                              | 5                    | 1692                              | 1258                              | 763386                                         |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                  |                                | 3                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|------------------|--------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                  |                                | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                  |                                | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of Pulses | Pulse Width<br>(Microseconds ) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                | 64.4                           | 15                   | -                                 | -                                 | 563639                                         |
| 2                          | 1                | 63.6                           | 15                   | -                                 | -                                 | 744683                                         |
| 3                          | 3                | 97.8                           | 15                   | 1746                              | 1217                              | 177507                                         |
| 4                          | 2                | 73                             | 15                   | 1524                              | -                                 | 358876                                         |
| 5                          | 3                | 85.4                           | 15                   | 1057                              | 1716                              | 539290                                         |
| 6                          | 1                | 55.3                           | 15                   | -                                 | -                                 | 722581                                         |
| 7                          | 1                | 52                             | 15                   | -                                 | -                                 | 155839                                         |
| 8                          | 3                | 84.6                           | 15                   | 1889                              | 1455                              | 335932                                         |
| 9                          | 3                | 86.2                           | 15                   | 1902                              | 1936                              | 516275                                         |
| 10                         | 2                | 74.4                           | 15                   | 1426                              | -                                 | 699401                                         |
| 11                         | 1                | 53.1                           | 15                   | -                                 | -                                 | 133412                                         |
| 12                         | 2                | 77.6                           | 15                   | 1236                              | -                                 | 314332                                         |
| 13                         | 3                | 99.9                           | 15                   | 1862                              | 1721                              | 494102                                         |
| 14                         | 2                | 77.2                           | 15                   | 1453                              | -                                 | 677010                                         |
| 15                         | 3                | 98.2                           | 15                   | 1591                              | 1827                              | 110557                                         |
| 16                         | 2                | 71.6                           | 15                   | 1335                              | -                                 | 292150                                         |
| 17                         |                  |                                |                      |                                   |                                   |                                                |
| 18                         |                  |                                |                      |                                   |                                   |                                                |
| 19                         |                  |                                |                      |                                   |                                   |                                                |
| 20                         |                  |                                |                      |                                   |                                   |                                                |

|                            |                  |                             |                   |                             |                             |                                          |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Trial Number:              |                  |                             | 4                 |                             |                             | Detection<br>(Yes/No)                    |
| Number of Bursts in Trial: |                  |                             | 10                |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5570              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 1                | 58                          | 7                 | -                           | -                           | 759061                                   |
| 2                          | 3                | 94.7                        | 7                 | 1046                        | 1513                        | 1047665                                  |
| 3                          | 1                | 54.7                        | 7                 | -                           | -                           | 142025                                   |
| 4                          | 2                | 81.4                        | 7                 | 1966                        | -                           | 431913                                   |
| 5                          | 1                | 52.7                        | 7                 | -                           | -                           | 723717                                   |
| 6                          | 3                | 88.9                        | 7                 | 1327                        | 1969                        | 1011358                                  |
| 7                          | 3                | 92.7                        | 7                 | 1585                        | 1636                        | 105956                                   |
| 8                          | 1                | 58.7                        | 7                 | -                           | -                           | 396842                                   |
| 9                          | 2                | 73.6                        | 7                 | 1789                        | -                           | 686677                                   |
| 10                         | 1                | 58.2                        | 7                 | -                           | -                           | 978013                                   |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 5                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 12                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 66.8                              | 11                   | 1145                              | -                                 | 58664                                          |
| 2                          | 3                   | 93.5                              | 11                   | 1764                              | 1886                              | 299898                                         |
| 3                          | 1                   | 54                                | 11                   | -                                 | -                                 | 542901                                         |
| 4                          | 2                   | 67.6                              | 11                   | 1324                              | -                                 | 784160                                         |
| 5                          | 3                   | 90.2                              | 11                   | 1468                              | 1142                              | 28810                                          |
| 6                          | 3                   | 91.6                              | 11                   | 1022                              | 1791                              | 270254                                         |
| 7                          | 3                   | 96.8                              | 11                   | 1409                              | 1157                              | 511938                                         |
| 8                          | 1                   | 61.1                              | 11                   | -                                 | -                                 | 755530                                         |
| 9                          | 1                   | 56.4                              | 11                   | -                                 | -                                 | 997935                                         |
| 10                         | 3                   | 87.8                              | 11                   | 1678                              | 1523                              | 240450                                         |
| 11                         | 3                   | 84.6                              | 11                   | 1132                              | 1844                              | 481823                                         |
| 12                         | 3                   | 85.6                              | 11                   | 1136                              | 1816                              | 723679                                         |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 6                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 83.8                              | 11                   | 1584                              | 1503                              | 890008                                         |
| 2                          | 1                   | 66                                | 11                   | -                                 | -                                 | 195201                                         |
| 3                          | 2                   | 81.6                              | 11                   | 1977                              | -                                 | 417667                                         |
| 4                          | 3                   | 97.6                              | 11                   | 1331                              | 1715                              | 639665                                         |
| 5                          | 1                   | 54.9                              | 11                   | -                                 | -                                 | 865462                                         |
| 6                          | 1                   | 51.7                              | 11                   | -                                 | -                                 | 167535                                         |
| 7                          | 2                   | 81.9                              | 11                   | 1640                              | -                                 | 390545                                         |
| 8                          | 2                   | 80.1                              | 11                   | 1233                              | -                                 | 613616                                         |
| 9                          | 1                   | 56.5                              | 11                   | -                                 | -                                 | 837979                                         |
| 10                         | 2                   | 67.8                              | 11                   | 1045                              | -                                 | 139906                                         |
| 11                         | 1                   | 50.7                              | 11                   | -                                 | -                                 | 363458                                         |
| 12                         | 2                   | 77                                | 11                   | 1479                              | -                                 | 586052                                         |
| 13                         | 1                   | 57.2                              | 11                   | -                                 | -                                 | 810838                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 7                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 75.1                              | 15                   | 1769                              | -                                 | 91197                                          |
| 2                          | 3                   | 91.6                              | 15                   | 1690                              | 1912                              | 271553                                         |
| 3                          | 1                   | 57.5                              | 15                   | -                                 | -                                 | 454401                                         |
| 4                          | 3                   | 85.3                              | 15                   | 1774                              | 1039                              | 633163                                         |
| 5                          | 2                   | 75.6                              | 15                   | 1434                              | -                                 | 68851                                          |
| 6                          | 2                   | 71                                | 15                   | 1574                              | -                                 | 250051                                         |
| 7                          | 3                   | 89                                | 15                   | 1732                              | 2000                              | 429767                                         |
| 8                          | 3                   | 99.5                              | 15                   | 1876                              | 1919                              | 610208                                         |
| 9                          | 2                   | 77.2                              | 15                   | 1396                              | -                                 | 46567                                          |
| 10                         | 3                   | 88.5                              | 15                   | 1836                              | 1669                              | 227089                                         |
| 11                         | 1                   | 58.5                              | 15                   | -                                 | -                                 | 409743                                         |
| 12                         | 2                   | 80.5                              | 15                   | 1347                              | -                                 | 590364                                         |
| 13                         | 2                   | 68.6                              | 15                   | 1182                              | -                                 | 24251                                          |
| 14                         | 3                   | 84.3                              | 15                   | 1831                              | 1207                              | 205117                                         |
| 15                         | 1                   | 61.5                              | 15                   | -                                 | -                                 | 387117                                         |
| 16                         | 2                   | 80.9                              | 15                   | 1020                              | -                                 | 568481                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 8                    |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 16                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.8                              | 15                   | 1897                              | 1326                              | 1922                                           |
| 2                          | 2                   | 70.8                              | 15                   | 1202                              | -                                 | 183135                                         |
| 3                          | 1                   | 60.4                              | 15                   | -                                 | -                                 | 365239                                         |
| 4                          | 3                   | 87                                | 15                   | 1198                              | 1887                              | 544337                                         |
| 5                          | 2                   | 72.5                              | 15                   | 1195                              | -                                 | 726686                                         |
| 6                          | 1                   | 60.8                              | 15                   | -                                 | -                                 | 161024                                         |
| 7                          | 3                   | 88.7                              | 15                   | 1871                              | 1528                              | 341123                                         |
| 8                          | 3                   | 99.9                              | 15                   | 1856                              | 1624                              | 521648                                         |
| 9                          | 1                   | 55.1                              | 15                   | -                                 | -                                 | 706035                                         |
| 10                         | 3                   | 83.9                              | 15                   | 1680                              | 1515                              | 138102                                         |
| 11                         | 3                   | 90.9                              | 15                   | 1651                              | 1832                              | 318623                                         |
| 12                         | 2                   | 76.9                              | 15                   | 1060                              | -                                 | 501191                                         |
| 13                         | 3                   | 93.6                              | 15                   | 1232                              | 1770                              | 680186                                         |
| 14                         | 1                   | 51.7                              | 15                   | -                                 | -                                 | 116307                                         |
| 15                         | 3                   | 99.1                              | 15                   | 1447                              | 1587                              | 296583                                         |
| 16                         | 3                   | 92.8                              | 15                   | 1784                              | 1988                              | 477298                                         |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 9                    |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 77.1                              | 18                   | 1939                              | -                                 | 585571                                         |
| 2                          | 1                   | 60.3                              | 18                   | -                                 | -                                 | 83502                                          |
| 3                          | 1                   | 65                                | 18                   | -                                 | -                                 | 244916                                         |
| 4                          | 3                   | 100                               | 18                   | 1951                              | 1171                              | 404134                                         |
| 5                          | 3                   | 89.3                              | 18                   | 1193                              | 1390                              | 565408                                         |
| 6                          | 2                   | 75.8                              | 18                   | 1135                              | -                                 | 63552                                          |
| 7                          | 2                   | 80.9                              | 18                   | 1495                              | -                                 | 224406                                         |
| 8                          | 2                   | 66.8                              | 18                   | 1802                              | -                                 | 385110                                         |
| 9                          | 3                   | 95.7                              | 18                   | 1612                              | 1160                              | 545529                                         |
| 10                         | 3                   | 86.1                              | 18                   | 1101                              | 1063                              | 43672                                          |
| 11                         | 1                   | 56.5                              | 18                   | -                                 | -                                 | 205230                                         |
| 12                         | 2                   | 77.6                              | 18                   | 1179                              | -                                 | 365860                                         |
| 13                         | 2                   | 73.1                              | 18                   | 1787                              | -                                 | 526215                                         |
| 14                         | 2                   | 67                                | 18                   | 1385                              | -                                 | 23888                                          |
| 15                         | 3                   | 86.4                              | 18                   | 1489                              | 1890                              | 184254                                         |
| 16                         | 2                   | 67.5                              | 18                   | 1111                              | -                                 | 345991                                         |
| 17                         | 2                   | 70.3                              | 18                   | 1682                              | -                                 | 506567                                         |
| 18                         | 3                   | 99.3                              | 18                   | 1345                              | 1870                              | 4047                                           |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 10                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 14                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5570                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 67.7                              | 13                   | 1476                              | -                                 | 212375                                         |
| 2                          | 3                   | 97.1                              | 13                   | 1205                              | 1761                              | 418752                                         |
| 3                          | 3                   | 90.4                              | 13                   | 1828                              | 1708                              | 625138                                         |
| 4                          | 3                   | 90.1                              | 13                   | 1516                              | 1729                              | 831992                                         |
| 5                          | 3                   | 84.7                              | 13                   | 1075                              | 1618                              | 186521                                         |
| 6                          | 1                   | 64.2                              | 13                   | -                                 | -                                 | 394926                                         |
| 7                          | 1                   | 52.9                              | 13                   | -                                 | -                                 | 602135                                         |
| 8                          | 1                   | 57.7                              | 13                   | -                                 | -                                 | 809694                                         |
| 9                          | 2                   | 80.2                              | 13                   | 1079                              | -                                 | 161347                                         |
| 10                         | 3                   | 91.8                              | 13                   | 1373                              | 1474                              | 368017                                         |
| 11                         | 2                   | 80.1                              | 13                   | 1509                              | -                                 | 575778                                         |
| 12                         | 1                   | 62                                | 13                   | -                                 | -                                 | 784102                                         |
| 13                         | 1                   | 55.9                              | 13                   | -                                 | -                                 | 136067                                         |
| 14                         | 2                   | 75.5                              | 13                   | 1666                              | -                                 | 342992                                         |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 11                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5498                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 89.4                              | 16                   | 1051                              | 1159                              | 451948                                         |
| 2                          | 1                   | 65.8                              | 16                   | -                                 | -                                 | 624728                                         |
| 3                          | 1                   | 53.4                              | 16                   | -                                 | -                                 | 91018                                          |
| 4                          | 1                   | 58.2                              | 16                   | -                                 | -                                 | 261908                                         |
| 5                          | 2                   | 69.2                              | 16                   | 1226                              | -                                 | 431731                                         |
| 6                          | 1                   | 61.6                              | 16                   | -                                 | -                                 | 603105                                         |
| 7                          | 3                   | 91.6                              | 16                   | 1710                              | 1562                              | 69564                                          |
| 8                          | 1                   | 62.9                              | 16                   | -                                 | -                                 | 240718                                         |
| 9                          | 3                   | 89.9                              | 16                   | 1803                              | 1181                              | 410065                                         |
| 10                         | 3                   | 93.7                              | 16                   | 1164                              | 1536                              | 580325                                         |
| 11                         | 3                   | 91.3                              | 16                   | 1767                              | 1148                              | 48709                                          |
| 12                         | 3                   | 86.5                              | 16                   | 1180                              | 1220                              | 218933                                         |
| 13                         | 1                   | 54.2                              | 16                   | -                                 | -                                 | 390758                                         |
| 14                         | 1                   | 61                                | 16                   | -                                 | -                                 | 561746                                         |
| 15                         | 2                   | 76.7                              | 16                   | 1655                              | -                                 | 27773                                          |
| 16                         | 3                   | 88.1                              | 16                   | 1952                              | 1566                              | 197585                                         |
| 17                         | 3                   | 97.6                              | 16                   | 1773                              | 1501                              | 367727                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

|                            |                  |                             |                   |                             |                             |                                          |
|----------------------------|------------------|-----------------------------|-------------------|-----------------------------|-----------------------------|------------------------------------------|
| Trial Number:              |                  |                             | 12                |                             |                             | Detection<br>(Yes/No)                    |
| Number of Bursts in Trial: |                  |                             | 9                 |                             |                             |                                          |
| Chirp Center Frequency:    |                  |                             | 5495              |                             |                             | Yes                                      |
| Burst                      | Number of Pulses | Pulse Width (Microseconds ) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (μsec) | Pulse 2-to-3 Spacing (μsec) | Starting Location Within Interval (μsec) |
| 1                          | 2                | 73.4                        | 7                 | 1888                        | -                           | 1019942                                  |
| 2                          | 1                | 56.6                        | 7                 | -                           | -                           | 12854                                    |
| 3                          | 3                | 94.4                        | 7                 | 1759                        | 1850                        | 334863                                   |
| 4                          | 3                | 84                          | 7                 | 1571                        | 1050                        | 657635                                   |
| 5                          | 1                | 52                          | 7                 | -                           | -                           | 982049                                   |
| 6                          | 1                | 52.4                        | 7                 | -                           | -                           | 1304427                                  |
| 7                          | 3                | 87                          | 7                 | 1413                        | 1603                        | 295368                                   |
| 8                          | 2                | 75.6                        | 7                 | 1799                        | -                           | 618483                                   |
| 9                          | 1                | 50.8                        | 7                 | -                           | -                           | 941856                                   |
| 10                         |                  |                             |                   |                             |                             |                                          |
| 11                         |                  |                             |                   |                             |                             |                                          |
| 12                         |                  |                             |                   |                             |                             |                                          |
| 13                         |                  |                             |                   |                             |                             |                                          |
| 14                         |                  |                             |                   |                             |                             |                                          |
| 15                         |                  |                             |                   |                             |                             |                                          |
| 16                         |                  |                             |                   |                             |                             |                                          |
| 17                         |                  |                             |                   |                             |                             |                                          |
| 18                         |                  |                             |                   |                             |                             |                                          |
| 19                         |                  |                             |                   |                             |                             |                                          |
| 20                         |                  |                             |                   |                             |                             |                                          |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 13                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5495                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 97.1                              | 7                    | 1124                              | 1909                              | 1261910                                        |
| 2                          | 2                   | 81.5                              | 7                    | 1813                              | -                                 | 255887                                         |
| 3                          | 3                   | 95.7                              | 7                    | 1792                              | 1016                              | 577927                                         |
| 4                          | 3                   | 89.1                              | 7                    | 1130                              | 1439                              | 900498                                         |
| 5                          | 3                   | 86.7                              | 7                    | 1756                              | 1625                              | 1222410                                        |
| 6                          | 3                   | 83.7                              | 7                    | 1069                              | 1605                              | 216070                                         |
| 7                          | 2                   | 80.2                              | 7                    | 1406                              | -                                 | 539027                                         |
| 8                          | 2                   | 81.1                              | 7                    | 1840                              | -                                 | 861642                                         |
| 9                          | 3                   | 88.3                              | 7                    | 1015                              | 1613                              | 1183462                                        |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 14                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 19                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 57.3                              | 19                   | -                                 | -                                 | 83657                                          |
| 2                          | 1                   | 63.6                              | 19                   | -                                 | -                                 | 236510                                         |
| 3                          | 2                   | 78.1                              | 19                   | 1005                              | -                                 | 388745                                         |
| 4                          | 3                   | 98.3                              | 19                   | 1673                              | 1959                              | 538752                                         |
| 5                          | 1                   | 58.6                              | 19                   | -                                 | -                                 | 64765                                          |
| 6                          | 1                   | 57.6                              | 19                   | -                                 | -                                 | 217755                                         |
| 7                          | 1                   | 54.8                              | 19                   | -                                 | -                                 | 370463                                         |
| 8                          | 1                   | 57.1                              | 19                   | -                                 | -                                 | 523592                                         |
| 9                          | 3                   | 96.7                              | 19                   | 1055                              | 1557                              | 45797                                          |
| 10                         | 3                   | 98.8                              | 19                   | 1496                              | 1768                              | 197619                                         |
| 11                         | 3                   | 98.3                              | 19                   | 1545                              | 1488                              | 350107                                         |
| 12                         | 1                   | 59.9                              | 19                   | -                                 | -                                 | 504004                                         |
| 13                         | 3                   | 91.9                              | 19                   | 1477                              | 1375                              | 26999                                          |
| 14                         | 2                   | 81                                | 19                   | 1206                              | -                                 | 179500                                         |
| 15                         | 3                   | 92.1                              | 19                   | 1177                              | 1128                              | 331668                                         |
| 16                         | 3                   | 94.2                              | 19                   | 1962                              | 1309                              | 482717                                         |
| 17                         | 1                   | 56.6                              | 19                   | -                                 | -                                 | 8312                                           |
| 18                         | 1                   | 55.4                              | 19                   | -                                 | -                                 | 161086                                         |
| 19                         | 1                   | 61.6                              | 19                   | -                                 | -                                 | 314108                                         |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 15                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 91.6                              | 20                   | 1580                              | 1381                              | 441397                                         |
| 2                          | 3                   | 87.4                              | 20                   | 1262                              | 1433                              | 585754                                         |
| 3                          | 1                   | 63.4                              | 20                   | -                                 | -                                 | 135072                                         |
| 4                          | 1                   | 66.4                              | 20                   | -                                 | -                                 | 280436                                         |
| 5                          | 2                   | 82.7                              | 20                   | 1095                              | -                                 | 424736                                         |
| 6                          | 2                   | 68.4                              | 20                   | 1993                              | -                                 | 568830                                         |
| 7                          | 1                   | 64.6                              | 20                   | -                                 | -                                 | 117266                                         |
| 8                          | 1                   | 60.1                              | 20                   | -                                 | -                                 | 262551                                         |
| 9                          | 2                   | 67.3                              | 20                   | 1312                              | -                                 | 406661                                         |
| 10                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 552941                                         |
| 11                         | 1                   | 56.9                              | 20                   | -                                 | -                                 | 99449                                          |
| 12                         | 1                   | 57.6                              | 20                   | -                                 | -                                 | 244579                                         |
| 13                         | 1                   | 56.2                              | 20                   | -                                 | -                                 | 389593                                         |
| 14                         | 2                   | 73.2                              | 20                   | 1551                              | -                                 | 533593                                         |
| 15                         | 2                   | 72.8                              | 20                   | 1999                              | -                                 | 81275                                          |
| 16                         | 2                   | 69.4                              | 20                   | 1590                              | -                                 | 226227                                         |
| 17                         | 2                   | 74.5                              | 20                   | 1222                              | -                                 | 371370                                         |
| 18                         | 2                   | 69.5                              | 20                   | 1762                              | -                                 | 515331                                         |
| 19                         | 2                   | 75.2                              | 20                   | 1019                              | -                                 | 63582                                          |
| 20                         | 3                   | 98                                | 20                   | 1162                              | 1623                              | 207953                                         |

| Trial Number:              |                     |                                   | 16                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86.7                              | 20                   | 1549                              | 1374                              | 352049                                         |
| 2                          | 2                   | 79.1                              | 20                   | 1254                              | -                                 | 497748                                         |
| 3                          | 3                   | 94.9                              | 20                   | 1961                              | 1600                              | 45515                                          |
| 4                          | 1                   | 55.7                              | 20                   | -                                 | -                                 | 190982                                         |
| 5                          | 3                   | 88.3                              | 20                   | 1847                              | 1170                              | 334166                                         |
| 6                          | 2                   | 77.3                              | 20                   | 1304                              | -                                 | 480171                                         |
| 7                          | 3                   | 90.9                              | 20                   | 1511                              | 1174                              | 27762                                          |
| 8                          | 1                   | 55.1                              | 20                   | -                                 | -                                 | 173126                                         |
| 9                          | 1                   | 50.5                              | 20                   | -                                 | -                                 | 318414                                         |
| 10                         | 1                   | 53.5                              | 20                   | -                                 | -                                 | 463010                                         |
| 11                         | 3                   | 95                                | 20                   | 1878                              | 1604                              | 9959                                           |
| 12                         | 2                   | 80                                | 20                   | 1083                              | -                                 | 155010                                         |
| 13                         | 2                   | 78.2                              | 20                   | 1349                              | -                                 | 299713                                         |
| 14                         | 2                   | 68.5                              | 20                   | 1683                              | -                                 | 444115                                         |
| 15                         | 3                   | 89.5                              | 20                   | 1332                              | 1425                              | 588262                                         |
| 16                         | 1                   | 50.8                              | 20                   | -                                 | -                                 | 137310                                         |
| 17                         | 3                   | 94                                | 20                   | 1498                              | 1824                              | 281009                                         |
| 18                         | 3                   | 97.2                              | 20                   | 1895                              | 1307                              | 425163                                         |
| 19                         | 3                   | 95.4                              | 20                   | 1684                              | 1073                              | 569988                                         |
| 20                         | 2                   | 79.8                              | 20                   | 1821                              | -                                 | 119008                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 17                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5496                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 94.1                              | 9                    | 1689                              | 1235                              | 480128                                         |
| 2                          | 3                   | 97.6                              | 9                    | 1081                              | 1911                              | 743417                                         |
| 3                          | 3                   | 87.5                              | 9                    | 1838                              | 1734                              | 1006741                                        |
| 4                          | 1                   | 56.3                              | 9                    | -                                 | -                                 | 184879                                         |
| 5                          | 3                   | 89.8                              | 9                    | 1918                              | 1893                              | 447627                                         |
| 6                          | 3                   | 91.1                              | 9                    | 1363                              | 1230                              | 711688                                         |
| 7                          | 3                   | 92.1                              | 9                    | 1917                              | 1494                              | 974691                                         |
| 8                          | 3                   | 86.7                              | 9                    | 1724                              | 1953                              | 151749                                         |
| 9                          | 2                   | 69.1                              | 9                    | 1168                              | -                                 | 415928                                         |
| 10                         | 1                   | 61.5                              | 9                    | -                                 | -                                 | 680436                                         |
| 11                         | 2                   | 67.6                              | 9                    | 1915                              | -                                 | 943634                                         |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 18                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5496                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 74.7                              | 11                   | 1219                              | -                                 | 101179                                         |
| 2                          | 2                   | 81.5                              | 11                   | 1042                              | -                                 | 324386                                         |
| 3                          | 1                   | 57.5                              | 11                   | -                                 | -                                 | 548137                                         |
| 4                          | 2                   | 74.9                              | 11                   | 1826                              | -                                 | 770026                                         |
| 5                          | 1                   | 62.5                              | 11                   | -                                 | -                                 | 73723                                          |
| 6                          | 3                   | 92.5                              | 11                   | 1814                              | 1507                              | 296235                                         |
| 7                          | 1                   | 57.6                              | 11                   | -                                 | -                                 | 520928                                         |
| 8                          | 2                   | 78.2                              | 11                   | 1127                              | -                                 | 743021                                         |
| 9                          | 1                   | 55.3                              | 11                   | -                                 | -                                 | 46185                                          |
| 10                         | 2                   | 77.6                              | 11                   | 1639                              | -                                 | 269166                                         |
| 11                         | 1                   | 59.5                              | 11                   | -                                 | -                                 | 493048                                         |
| 12                         | 1                   | 59.5                              | 11                   | -                                 | -                                 | 717011                                         |
| 13                         | 1                   | 63.8                              | 11                   | -                                 | -                                 | 18668                                          |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 19                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5500                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 55.8                              | 19                   | -                                 | -                                 | 157334                                         |
| 2                          | 2                   | 76.9                              | 19                   | 1243                              | -                                 | 301806                                         |
| 3                          | 2                   | 79.5                              | 19                   | 1801                              | -                                 | 446145                                         |
| 4                          | 3                   | 87.7                              | 19                   | 1166                              | 1342                              | 590319                                         |
| 5                          | 3                   | 83.8                              | 19                   | 1210                              | 1279                              | 138872                                         |
| 6                          | 2                   | 71.9                              | 19                   | 1923                              | -                                 | 283437                                         |
| 7                          | 2                   | 75.5                              | 19                   | 1134                              | -                                 | 429046                                         |
| 8                          | 2                   | 77.4                              | 19                   | 1419                              | -                                 | 573513                                         |
| 9                          | 2                   | 74.1                              | 19                   | 1416                              | -                                 | 121184                                         |
| 10                         | 3                   | 95.4                              | 19                   | 1411                              | 1938                              | 265119                                         |
| 11                         | 1                   | 53.8                              | 19                   | -                                 | -                                 | 411866                                         |
| 12                         | 3                   | 89.2                              | 19                   | 1699                              | 1804                              | 553902                                         |
| 13                         | 3                   | 91.6                              | 19                   | 1268                              | 1266                              | 103191                                         |
| 14                         | 3                   | 88.6                              | 19                   | 1929                              | 1484                              | 247349                                         |
| 15                         | 1                   | 65.9                              | 19                   | -                                 | -                                 | 394268                                         |
| 16                         | 3                   | 97.3                              | 19                   | 1275                              | 1738                              | 536731                                         |
| 17                         | 3                   | 85.3                              | 19                   | 1238                              | 1641                              | 85351                                          |
| 18                         | 1                   | 54.1                              | 19                   | -                                 | -                                 | 231087                                         |
| 19                         | 3                   | 86.1                              | 19                   | 1106                              | 1377                              | 374638                                         |
| 20                         | 3                   | 89                                | 19                   | 1843                              | 1922                              | 518062                                         |

| Trial Number:              |                     |                                   | 20                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 18                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5499                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 86                                | 17                   | 1652                              | 1514                              | 75125                                          |
| 2                          | 2                   | 70.2                              | 17                   | 1105                              | -                                 | 236228                                         |
| 3                          | 3                   | 98.5                              | 17                   | 1510                              | 1579                              | 396075                                         |
| 4                          | 2                   | 70.7                              | 17                   | 1285                              | -                                 | 558371                                         |
| 5                          | 3                   | 93.7                              | 17                   | 1430                              | 1880                              | 55333                                          |
| 6                          | 2                   | 77                                | 17                   | 1964                              | -                                 | 216304                                         |
| 7                          | 1                   | 58.4                              | 17                   | -                                 | -                                 | 377945                                         |
| 8                          | 3                   | 86.3                              | 17                   | 1103                              | 1172                              | 537526                                         |
| 9                          | 2                   | 68.9                              | 17                   | 1608                              | -                                 | 35623                                          |
| 10                         | 3                   | 90.1                              | 17                   | 1322                              | 1861                              | 196118                                         |
| 11                         | 1                   | 52.2                              | 17                   | -                                 | -                                 | 358570                                         |
| 12                         | 3                   | 84.6                              | 17                   | 1074                              | 1506                              | 517769                                         |
| 13                         | 3                   | 88                                | 17                   | 1252                              | 1712                              | 15749                                          |
| 14                         | 2                   | 73.7                              | 17                   | 1469                              | -                                 | 176631                                         |
| 15                         | 1                   | 50.4                              | 17                   | -                                 | -                                 | 338454                                         |
| 16                         | 1                   | 62.8                              | 17                   | -                                 | -                                 | 499627                                         |
| 17                         | 1                   | 61.6                              | 17                   | -                                 | -                                 | 660942                                         |
| 18                         | 1                   | 54.3                              | 17                   | -                                 | -                                 | 157339                                         |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 21                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5641                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 52.9                              | 17                   | -                                 | -                                 | 337360                                         |
| 2                          | 3                   | 97.2                              | 17                   | 1705                              | 1344                              | 506316                                         |
| 3                          | 3                   | 86.1                              | 17                   | 1581                              | 1865                              | 675558                                         |
| 4                          | 3                   | 90.2                              | 17                   | 1392                              | 1973                              | 144799                                         |
| 5                          | 1                   | 50.6                              | 17                   | -                                 | -                                 | 316543                                         |
| 6                          | 3                   | 86.2                              | 17                   | 1879                              | 1048                              | 485387                                         |
| 7                          | 1                   | 53.6                              | 17                   | -                                 | -                                 | 657637                                         |
| 8                          | 3                   | 85.7                              | 17                   | 1896                              | 1286                              | 123880                                         |
| 9                          | 2                   | 70.9                              | 17                   | 1291                              | -                                 | 294768                                         |
| 10                         | 1                   | 53.8                              | 17                   | -                                 | -                                 | 466451                                         |
| 11                         | 3                   | 91.8                              | 17                   | 1718                              | 1668                              | 634304                                         |
| 12                         | 2                   | 81                                | 17                   | 1931                              | -                                 | 103187                                         |
| 13                         | 2                   | 70                                | 17                   | 1538                              | -                                 | 273497                                         |
| 14                         | 2                   | 73.4                              | 17                   | 1343                              | -                                 | 444521                                         |
| 15                         | 2                   | 73.5                              | 17                   | 1606                              | -                                 | 614358                                         |
| 16                         | 2                   | 70.5                              | 17                   | 1845                              | -                                 | 82116                                          |
| 17                         | 2                   | 77.9                              | 17                   | 1825                              | -                                 | 252655                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 22                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5644                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 85.7                              | 9                    | 1218                              | 1311                              | 654030                                         |
| 2                          | 2                   | 78.4                              | 9                    | 1121                              | -                                 | 919132                                         |
| 3                          | 1                   | 58.7                              | 9                    | -                                 | -                                 | 94901                                          |
| 4                          | 3                   | 94.1                              | 9                    | 1830                              | 1239                              | 358055                                         |
| 5                          | 1                   | 56.8                              | 9                    | -                                 | -                                 | 623240                                         |
| 6                          | 1                   | 63.5                              | 9                    | -                                 | -                                 | 887667                                         |
| 7                          | 3                   | 89.3                              | 9                    | 1104                              | 1881                              | 62168                                          |
| 8                          | 1                   | 58.4                              | 9                    | -                                 | -                                 | 326679                                         |
| 9                          | 3                   | 84                                | 9                    | 1329                              | 1956                              | 589054                                         |
| 10                         | 3                   | 93.1                              | 9                    | 1273                              | 1209                              | 853238                                         |
| 11                         | 2                   | 69.3                              | 9                    | 1530                              | -                                 | 29741                                          |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 23                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 11                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5644                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 51.2                              | 9                    | -                                 | -                                 | 293866                                         |
| 2                          | 2                   | 67.9                              | 9                    | 1269                              | -                                 | 557469                                         |
| 3                          | 3                   | 88.2                              | 9                    | 1149                              | 1085                              | 820457                                         |
| 4                          | 1                   | 53                                | 9                    | -                                 | -                                 | 1086765                                        |
| 5                          | 3                   | 85.6                              | 9                    | 1775                              | 1084                              | 260785                                         |
| 6                          | 2                   | 81                                | 9                    | 1359                              | -                                 | 525208                                         |
| 7                          | 1                   | 51.2                              | 9                    | -                                 | -                                 | 790203                                         |
| 8                          | 3                   | 88.9                              | 9                    | 1125                              | 1535                              | 1051826                                        |
| 9                          | 1                   | 52.9                              | 9                    | -                                 | -                                 | 228918                                         |
| 10                         | 3                   | 95.8                              | 9                    | 1176                              | 1872                              | 491843                                         |
| 11                         | 2                   | 69.6                              | 9                    | 1748                              | -                                 | 756254                                         |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 24                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 20                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5640                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 62.3                              | 20                   | -                                 | -                                 | 560780                                         |
| 2                          | 2                   | 67                                | 20                   | 1996                              | -                                 | 107438                                         |
| 3                          | 1                   | 58                                | 20                   | -                                 | -                                 | 253061                                         |
| 4                          | 1                   | 56                                | 20                   | -                                 | -                                 | 398446                                         |
| 5                          | 1                   | 54.5                              | 20                   | -                                 | -                                 | 543173                                         |
| 6                          | 3                   | 94.5                              | 20                   | 1616                              | 1901                              | 89399                                          |
| 7                          | 3                   | 88                                | 20                   | 1089                              | 1864                              | 233999                                         |
| 8                          | 2                   | 70.1                              | 20                   | 1537                              | -                                 | 379359                                         |
| 9                          | 2                   | 78.9                              | 20                   | 1967                              | -                                 | 523377                                         |
| 10                         | 1                   | 61.1                              | 20                   | -                                 | -                                 | 72057                                          |
| 11                         | 2                   | 67.4                              | 20                   | 1334                              | -                                 | 216769                                         |
| 12                         | 3                   | 95.9                              | 20                   | 1241                              | 1372                              | 360952                                         |
| 13                         | 1                   | 64.7                              | 20                   | -                                 | -                                 | 507805                                         |
| 14                         | 3                   | 84.5                              | 20                   | 1502                              | 1278                              | 53946                                          |
| 15                         | 1                   | 52.8                              | 20                   | -                                 | -                                 | 199418                                         |
| 16                         | 1                   | 60.2                              | 20                   | -                                 | -                                 | 344639                                         |
| 17                         | 3                   | 96.2                              | 20                   | 1190                              | 1271                              | 487382                                         |
| 18                         | 3                   | 83.6                              | 20                   | 1546                              | 1539                              | 36187                                          |
| 19                         | 3                   | 96.8                              | 20                   | 1822                              | 1766                              | 180359                                         |
| 20                         | 2                   | 81.7                              | 20                   | 1227                              | -                                 | 326180                                         |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

| Trial Number:              |                     |                                   | 25                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 13                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5643                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 66.6                              | 12                   | -                                 | -                                 | 726874                                         |
| 2                          | 3                   | 93.2                              | 12                   | 1394                              | 1800                              | 28355                                          |
| 3                          | 3                   | 84.4                              | 12                   | 1499                              | 1199                              | 251235                                         |
| 4                          | 3                   | 84.5                              | 12                   | 1402                              | 1186                              | 474040                                         |
| 5                          | 1                   | 53                                | 12                   | -                                 | -                                 | 698740                                         |
| 6                          | 1                   | 65.7                              | 12                   | -                                 | -                                 | 920                                            |
| 7                          | 3                   | 88.7                              | 12                   | 1242                              | 1443                              | 223880                                         |
| 8                          | 3                   | 95.4                              | 12                   | 1599                              | 1589                              | 446310                                         |
| 9                          | 3                   | 89                                | 12                   | 1921                              | 1178                              | 669053                                         |
| 10                         | 2                   | 72.1                              | 12                   | 1231                              | -                                 | 893528                                         |
| 11                         | 3                   | 84.6                              | 12                   | 1671                              | 1108                              | 196299                                         |
| 12                         | 2                   | 67.6                              | 12                   | 1899                              | -                                 | 419465                                         |
| 13                         | 2                   | 82.1                              | 12                   | 1280                              | -                                 | 642686                                         |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 26                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5642                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(µsec) | Pulse 2-to-3<br>Spacing<br>(µsec) | Starting Location<br>Within Interval<br>(µsec) |
| 1                          | 1                   | 66.1                              | 16                   | -                                 | -                                 | 662723                                         |
| 2                          | 1                   | 66.1                              | 16                   | -                                 | -                                 | 129395                                         |
| 3                          | 3                   | 91.7                              | 16                   | 1011                              | 1481                              | 299281                                         |
| 4                          | 3                   | 86.1                              | 16                   | 1645                              | 1975                              | 468934                                         |
| 5                          | 1                   | 50.7                              | 16                   | -                                 | -                                 | 641821                                         |
| 6                          | 1                   | 59                                | 16                   | -                                 | -                                 | 108372                                         |
| 7                          | 3                   | 94.8                              | 16                   | 1570                              | 1987                              | 277744                                         |
| 8                          | 2                   | 70.5                              | 16                   | 1336                              | -                                 | 449359                                         |
| 9                          | 1                   | 63.9                              | 16                   | -                                 | -                                 | 621069                                         |
| 10                         | 1                   | 64.2                              | 16                   | -                                 | -                                 | 87371                                          |
| 11                         | 1                   | 58.2                              | 16                   | -                                 | -                                 | 258228                                         |
| 12                         | 3                   | 83.8                              | 16                   | 1246                              | 1466                              | 427359                                         |
| 13                         | 2                   | 72                                | 16                   | 1841                              | -                                 | 598006                                         |
| 14                         | 2                   | 73.4                              | 16                   | 1529                              | -                                 | 66157                                          |
| 15                         | 2                   | 68.6                              | 16                   | 1388                              | -                                 | 236547                                         |
| 16                         | 2                   | 82.7                              | 16                   | 1786                              | -                                 | 407037                                         |
| 17                         | 2                   | 70.8                              | 16                   | 1346                              | -                                 | 577790                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 27                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 9                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5646                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 1                   | 55.1                              | 6                    | -                                 | -                                 | 85640                                          |
| 2                          | 1                   | 55.3                              | 6                    | -                                 | -                                 | 408607                                         |
| 3                          | 1                   | 56.2                              | 6                    | -                                 | -                                 | 731574                                         |
| 4                          | 1                   | 64                                | 6                    | -                                 | -                                 | 1054956                                        |
| 5                          | 1                   | 52.9                              | 6                    | -                                 | -                                 | 45837                                          |
| 6                          | 2                   | 69.2                              | 6                    | 1065                              | -                                 | 368518                                         |
| 7                          | 2                   | 82.7                              | 6                    | 1274                              | -                                 | 691097                                         |
| 8                          | 2                   | 73.5                              | 6                    | 1576                              | -                                 | 1014019                                        |
| 9                          | 1                   | 53                                | 6                    | -                                 | -                                 | 6040                                           |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 28                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 8                    |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5646                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 88.9                              | 5                    | 1026                              | 1601                              | 369525                                         |
| 2                          | 1                   | 55.8                              | 5                    | -                                 | -                                 | 733454                                         |
| 3                          | 3                   | 92.6                              | 5                    | 1818                              | 1500                              | 1095030                                        |
| 4                          | 2                   | 81.1                              | 5                    | 1859                              | -                                 | 1458288                                        |
| 5                          | 1                   | 56.7                              | 5                    | -                                 | -                                 | 325401                                         |
| 6                          | 2                   | 76.5                              | 5                    | 1338                              | -                                 | 688434                                         |
| 7                          | 3                   | 99.9                              | 5                    | 1785                              | 1044                              | 1050094                                        |
| 8                          | 1                   | 63.7                              | 5                    | -                                 | -                                 | 1415546                                        |
| 9                          |                     |                                   |                      |                                   |                                   |                                                |
| 10                         |                     |                                   |                      |                                   |                                   |                                                |
| 11                         |                     |                                   |                      |                                   |                                   |                                                |
| 12                         |                     |                                   |                      |                                   |                                   |                                                |
| 13                         |                     |                                   |                      |                                   |                                   |                                                |
| 14                         |                     |                                   |                      |                                   |                                   |                                                |
| 15                         |                     |                                   |                      |                                   |                                   |                                                |
| 16                         |                     |                                   |                      |                                   |                                   |                                                |
| 17                         |                     |                                   |                      |                                   |                                   |                                                |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

**DFS Radar Parameters**  
**FCC Radar Type 5**  
**Channel 114 Bandwidth 160MHz**

|                            |                     |                                   |                      |                                   |                                   |                                                |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Trial Number:              |                     |                                   | 29                   |                                   |                                   | Detection<br>(Yes/No)                          |
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5642                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 3                   | 98.7                              | 16                   | 1099                              | 1010                              | 131465                                         |
| 2                          | 2                   | 68.3                              | 16                   | 1635                              | -                                 | 302267                                         |
| 3                          | 1                   | 61.2                              | 16                   | -                                 | -                                 | 473813                                         |
| 4                          | 2                   | 74.2                              | 16                   | 1958                              | -                                 | 643005                                         |
| 5                          | 3                   | 95.4                              | 16                   | 1894                              | 1471                              | 110364                                         |
| 6                          | 2                   | 74.6                              | 16                   | 1478                              | -                                 | 281246                                         |
| 7                          | 1                   | 52                                | 16                   | -                                 | -                                 | 452261                                         |
| 8                          | 1                   | 61.2                              | 16                   | -                                 | -                                 | 623660                                         |
| 9                          | 1                   | 52.6                              | 16                   | -                                 | -                                 | 89894                                          |
| 10                         | 2                   | 78.9                              | 16                   | 1660                              | -                                 | 260019                                         |
| 11                         | 2                   | 76.1                              | 16                   | 1790                              | -                                 | 430404                                         |
| 12                         | 1                   | 50.6                              | 16                   | -                                 | -                                 | 601992                                         |
| 13                         | 2                   | 81                                | 16                   | 1094                              | -                                 | 68702                                          |
| 14                         | 3                   | 92.3                              | 16                   | 1436                              | 1646                              | 238651                                         |
| 15                         | 2                   | 70                                | 16                   | 1518                              | -                                 | 409560                                         |
| 16                         | 1                   | 62.6                              | 16                   | -                                 | -                                 | 581462                                         |
| 17                         | 2                   | 68.2                              | 16                   | 1779                              | -                                 | 47653                                          |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

| Trial Number:              |                     |                                   | 30                   |                                   |                                   | Detection<br>(Yes/No)                          |
|----------------------------|---------------------|-----------------------------------|----------------------|-----------------------------------|-----------------------------------|------------------------------------------------|
| Number of Bursts in Trial: |                     |                                   | 17                   |                                   |                                   |                                                |
| Chirp Center Frequency:    |                     |                                   | 5642                 |                                   |                                   | Yes                                            |
| Burst                      | Number of<br>Pulses | Pulse Width<br>(Microseconds<br>) | Chirp Width<br>(MHz) | Pulse 1-to-2<br>Spacing<br>(μsec) | Pulse 2-to-3<br>Spacing<br>(μsec) | Starting Location<br>Within Interval<br>(μsec) |
| 1                          | 2                   | 67                                | 16                   | 1941                              | -                                 | 217929                                         |
| 2                          | 2                   | 79.2                              | 16                   | 1027                              | -                                 | 388798                                         |
| 3                          | 1                   | 61.3                              | 16                   | -                                 | -                                 | 559955                                         |
| 4                          | 2                   | 68.1                              | 16                   | 1290                              | -                                 | 26671                                          |
| 5                          | 1                   | 63.1                              | 16                   | -                                 | -                                 | 197430                                         |
| 6                          | 3                   | 97                                | 16                   | 1924                              | 1259                              | 366904                                         |
| 7                          | 1                   | 59                                | 16                   | -                                 | -                                 | 539423                                         |
| 8                          | 1                   | 62.5                              | 16                   | -                                 | -                                 | 5687                                           |
| 9                          | 3                   | 97.7                              | 16                   | 1815                              | 1194                              | 175690                                         |
| 10                         | 2                   | 70.1                              | 16                   | 1086                              | -                                 | 347019                                         |
| 11                         | 3                   | 88.9                              | 16                   | 1998                              | 1040                              | 516265                                         |
| 12                         | 2                   | 77.9                              | 16                   | 1658                              | -                                 | 687162                                         |
| 13                         | 2                   | 82.9                              | 16                   | 1028                              | -                                 | 155329                                         |
| 14                         | 1                   | 57.4                              | 16                   | -                                 | -                                 | 326404                                         |
| 15                         | 2                   | 81.7                              | 16                   | 1122                              | -                                 | 496697                                         |
| 16                         | 3                   | 83.9                              | 16                   | 1851                              | 1965                              | 664622                                         |
| 17                         | 1                   | 58.3                              | 16                   | -                                 | -                                 | 134409                                         |
| 18                         |                     |                                   |                      |                                   |                                   |                                                |
| 19                         |                     |                                   |                      |                                   |                                   |                                                |
| 20                         |                     |                                   |                      |                                   |                                   |                                                |

————THE END————