

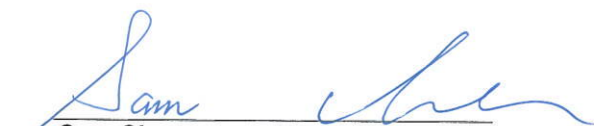


# FCC DFS Test Report

**Equipment** : Alcatel-Lucent Enterprise Access Point  
**Brand Name** : Alcatel-Lucent Enterprise  
**Model No.** : OAW-AP1101  
**FCC ID** : 2AI9TOAW-AP1101  
**Standard** : 47 CFR FCC Part 15.407  
**Frequency Range** : 5250 MHz – 5350 MHz  
5470 MHz – 5725 MHz  
**Applicant** : ALE USA Inc.  
26801 West Agoura Road, Calabasas, CA 91301  
**Manufacturer** : ALE USA Inc.  
26801 West Agoura Road, Calabasas, CA 91301  
**Operate Mode** : Master

The product sample received on Jun. 17, 2016 and completely tested on Aug. 23, 2016. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 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 INC., the test report shall not be reproduced except in full.

  
Sam Chen  
SPORTON INTERNATIONAL INC.



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## Summary of Test Result

| Conformance Test Specifications |                        |                                                                          |                                         |          |
|---------------------------------|------------------------|--------------------------------------------------------------------------|-----------------------------------------|----------|
| Report Clause                   | Ref. Std. Clause       | Description                                                              | Limit                                   | Result   |
| 3.3                             | FCC KDB 905462 7.8.1   | DFS: UNII Detection Bandwidth Measurement                                | 100% of the 99% BW                      | Complied |
| 3.4                             | FCC KDB 905462 7.8.2.1 | DFS: Initial Channel Availability Check Time                             | CAC $\geq$ 60 sec                       | Complied |
| 3.4                             | FCC KDB 905462 7.8.2.2 | DFS: Radar Burst at the Beginning of the Channel Availability Check Time | Detection Threshold: -63 dBm            | Complied |
| 3.4                             | FCC KDB 905462 7.8.2.3 | DFS: Radar Burst at the End of the Channel Availability Check Time       | Detection Threshold: -63 dBm            | Complied |
| 3.5                             | FCC KDB 905462 7.8.3   | DFS: In-Service Monitoring for Channel Move Time (CMT)                   | CMT $\leq$ 10sec                        | Complied |
| 3.5                             | FCC KDB 905462 7.8.3   | DFS: In-Service Monitoring for Channel Closing Transmission Time (CCTT)  | CCTT $\leq$ 60 ms starting at CMT 200ms | Complied |
| 3.5                             | FCC KDB 905462 7.8.3   | DFS: In-Service Monitoring for Non-Occupancy Period (NOP)                | NOP $\geq$ 30 min                       | Complied |
| 3.6                             | FCC KDB 905462 7.8.4   | DFS: Statistical Performance Check                                       | Table 5 - 7 (KDB 905462)                | Complied |
| 3.1.4                           | FCC KDB 905462 8.1     | User Access Restrictions                                                 | DFS controls                            | Complied |

## Revision History

[illegible]

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Specification Items         | Description                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type                | WLAN (2TX, 2RX)                                                                                                                                                                                                                                                                                                                                              |
| Radio Type                  | Intentional Transceiver                                                                                                                                                                                                                                                                                                                                      |
| Power Type                  | From power adapter or PoE                                                                                                                                                                                                                                                                                                                                    |
| Modulation                  | IEEE 802.11a: OFDM (BPSK / QPSK / 16QAM / 64QAM)<br>IEEE 802.11n/ac: see the below table                                                                                                                                                                                                                                                                     |
| Data Rate (Mbps)            | IEEE 802.11a: OFDM (6/9/12/18/24/36/48/54)<br>IEEE 802.11n/ac: see the below table                                                                                                                                                                                                                                                                           |
| Channel Bandwidth           | 20/40/80 MHz operating channel bandwidth                                                                                                                                                                                                                                                                                                                     |
| Operating Mode              | <input checked="" type="checkbox"/> Master                                                                                                                                                                                                                                                                                                                   |
|                             | <input type="checkbox"/> Client with radar detection                                                                                                                                                                                                                                                                                                         |
|                             | <input type="checkbox"/> Client without radar detection                                                                                                                                                                                                                                                                                                      |
| Communication Mode          | <input checked="" type="checkbox"/> IP Based (Load Based) <input type="checkbox"/> Frame Based                                                                                                                                                                                                                                                               |
| TPC Function                | <input checked="" type="checkbox"/> With TPC <input type="checkbox"/> Without TPC                                                                                                                                                                                                                                                                            |
| Weather Band (5600~5650MHz) | <input checked="" type="checkbox"/> With 5600~5650MHz <input type="checkbox"/> Without 5600~5650MHz                                                                                                                                                                                                                                                          |
| Max. Con. Power (DFS band)  | Band 2:<br>IEEE 802.11a: 23.76 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 23.63 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 23.94 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 17.12 dBm<br>Band 3:<br>IEEE 802.11a: 23.86 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 23.70 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 23.85 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 23.92 dBm |

|                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Min. Con. Power (DFS band)</b>                                                                                    | Band 2:<br>IEEE 802.11a: 17.76 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 17.63 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 17.94 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 11.12 dBm<br>Band 3:<br>IEEE 802.11a: 17.86 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 17.70 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 17.85 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 17.92 dBm |
| <b>Max. EIRP Power (DFS band)</b>                                                                                    | Band 2:<br>IEEE 802.11a: 26.32 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 26.19 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 26.50 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 19.68 dBm<br>Band 3:<br>IEEE 802.11a: 26.42 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 26.26 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 26.41 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 26.48 dBm |
| <b>Min. EIRP Power (DFS band)</b>                                                                                    | Band 2:<br>IEEE 802.11a: 20.32 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 20.19 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 20.50 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 13.68 dBm<br>Band 3:<br>IEEE 802.11a: 20.42 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT20): 20.26 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT40): 20.41 dBm<br>IEEE 802.11ac MCS0/Nss1 (VHT80): 20.48 dBm |
| <b>Power-on cycle</b>                                                                                                | 80MHz: Requires 52.174 seconds to complete its power-on cycle.                                                                                                                                                                                                                                                                                               |
| <b>Software / Firmware Version</b>                                                                                   | 2.1.1.41                                                                                                                                                                                                                                                                                                                                                     |
| Note: EUT employ a TPC mechanism and TPC have the capability to operate at least 6 dB below highest RF output power. |                                                                                                                                                                                                                                                                                                                                                              |

**Antenna & Band width**

| Antenna         | Two (TX) |        |        |
|-----------------|----------|--------|--------|
| Band width Mode | 20 MHz   | 40 MHz | 80 MHz |
| IEEE 802.11a    | V        | X      | X      |
| IEEE 802.11n    | V        | V      | X      |
| IEEE 802.11ac   | V        | V      | V      |

**IEEE 11n/ac Spec.**

| Protocol                                                                                                                                                                                                                                                                                                                                                                                                                                     | Number of Transmit Chains (NTX) | Data Rate / MCS |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|
| 802.11n (HT20)                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                               | MCS0-15         |
| 802.11n (HT40)                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                               | MCS0-15         |
| 802.11ac (VHT20)                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                               | MCS 0-9/Nss1-2  |
| 802.11ac (VHT40)                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                               | MCS 0-9/Nss1-2  |
| 802.11ac (VHT80)                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                               | MCS 0-9/Nss1-2  |
| <p>Note 1: IEEE Std. 802.11n modulation consists of HT20 and HT40 (HT: High Throughput). Then EUT support HT20 and HT40.</p> <p>Note 2: IEEE Std. 802.11ac modulation consists of VHT20, VHT40, VHT80 and VHT160 (VHT: Very High Throughput). Then EUT support VHT20, VHT40 and VHT80.</p> <p>Note 3: Modulation modes consist of below configuration:<br/> 11a: IEEE 802.11a, HT20/HT40: IEEE 802.11n, VHT20/VHT40/VHT80: IEEE 802.11ac</p> |                                 |                 |

**1.1.2 Antenna Information**

| Ant. | Brand | Model No.       | Antenna Type | Connector | Gain (dBi) | Remark |
|------|-------|-----------------|--------------|-----------|------------|--------|
| 1    | N/A   | 3ARAAA101S1-111 | PIFA Antenna | N/A       | 2.77       | 2.4GHz |
| 2    | N/A   | 3ARAAA101S2-111 | PIFA Antenna | N/A       | 3.43       | 2.4GHz |
| 3    | N/A   | 3ARAAA101S3-111 | PIFA Antenna | N/A       | 2.56       | 5GHz   |
| 4    | N/A   | 3ARAAA101S4-111 | PIFA Antenna | N/A       | 2.17       | 5GHz   |

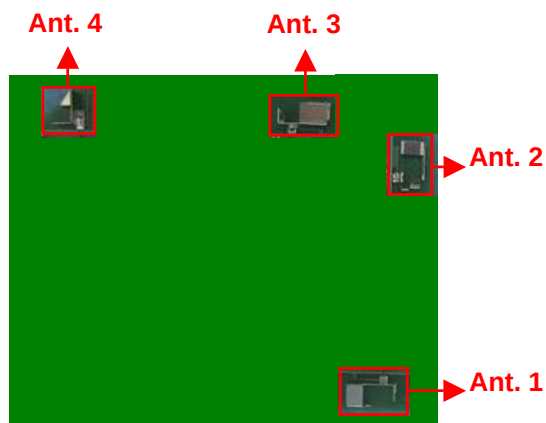
Note: The EUT has four antennas.

**For 2.4GHz WLAN function (2TX/2RX):**

Ant. 1 and Ant. 2 could transmit/receive simultaneously.

**For 5GHz WLAN function (2TX/2RX):**

Ant. 3 and Ant. 4 could transmit/receive simultaneously.



### 1.1.3 DFS Band Carrier Frequencies

There are three bandwidth systems.

For 20MHz bandwidth systems, use Channel 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 144.

For 40MHz bandwidth systems, use Channel 54, 62, 102, 110, 118, 126, 134, 142.

For 80MHz bandwidth systems, use Channel 58, 106, 122, 138.

| Frequency Band          | Channel No. | Frequency | Channel No. | Frequency |
|-------------------------|-------------|-----------|-------------|-----------|
| 5250~5350 MHz<br>Band 2 | 52          | 5260 MHz  | 60          | 5300 MHz  |
|                         | 54          | 5270 MHz  | 62          | 5310 MHz  |
|                         | 56          | 5280 MHz  | 64          | 5320 MHz  |
|                         | 58          | 5290 MHz  | -           | -         |
| 5470~5725 MHz<br>Band 3 | 100         | 5500 MHz  | 124         | 5620 MHz  |
|                         | 102         | 5510 MHz  | 126         | 5630 MHz  |
|                         | 104         | 5520 MHz  | 128         | 5640 MHz  |
|                         | 106         | 5530 MHz  | 132         | 5660 MHz  |
|                         | 108         | 5540 MHz  | 134         | 5670 MHz  |
|                         | 110         | 5550 MHz  | 136         | 5680 MHz  |
|                         | 112         | 5560 MHz  | 138         | 5690 MHz  |
|                         | 116         | 5580 MHz  | 140         | 5700 MHz  |
|                         | 118         | 5590 MHz  | 142         | 5710 MHz  |
|                         | 120         | 5600 MHz  | 144         | 5720 MHz  |
|                         | 122         | 5610 MHz  | -           | -         |

### 1.1.4 Table for Class II Change

This product is an extension of original one reported under Sporton project number: 661722

Below is the table for the change of the product with respect to the original one.

| Modifications                                                                 | Performance Checking |
|-------------------------------------------------------------------------------|----------------------|
| Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. | DFS test.            |

## 1.2 Accessories

N/A

## 1.3 Support Equipment

| Support Equipment |             |            |            |            |
|-------------------|-------------|------------|------------|------------|
| No.               | Equipment   | Brand Name | Model Name | FCC ID     |
| 1                 | Notebook    | DELL       | E4300      | DoC        |
| 2                 | Notebook    | DELL       | E4300      | DoC        |
| 3                 | WLAN Dongle | LINKSYS    | AE6000     | Q87-AE6000 |

## 1.4 Testing Applied Standards

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

- ♦ FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

## 1.5 Testing Location Information

| Testing Location                    |        |                                                                                                                               |               |                             |
|-------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------|
| <input type="checkbox"/>            | HWA YA | ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.<br>TEL : 886-3-327-3456 FAX : 886-3-327-0973   |               |                             |
| <input checked="" type="checkbox"/> | JHUBEI | ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.<br>TEL : 886-3-656-9065 FAX : 886-3-656-9085 |               |                             |
| Test Condition                      |        | Test Site No.                                                                                                                 | Test Engineer | Test Environment            |
| DFS Site                            |        | DF01-CB                                                                                                                       | Wii Lin       | 24.7°C / 60%                |
|                                     |        |                                                                                                                               |               | Jul. 22, 2016~Aug. 23, 2016 |

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

## 2 Test Configuration of EUT

### 2.1 Test Channel Frequencies Configuration

| Test Channel Frequencies Configuration |                          |
|----------------------------------------|--------------------------|
| IEEE Std.                              | Test Channel Freq. (MHz) |
| 802.11ac (VHT20)                       | 5500 MHz                 |
| 802.11ac (VHT40)                       | 5510 MHz                 |
| 802.11ac (VHT80)                       | 5530 MHz                 |

### 2.2 The Worst Case Measurement Configuration

| The Worst Case Mode for Following Conformance Tests |                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tests Item</b>                                   | Dynamic Frequency Selection (DFS)                                                                                                                                                                                                                                                                                                                                                    |
| <b>Test Condition</b>                               | <p>Radiated measurement</p> <p>The EUT shall be configured to operate at the highest transmitter output power setting. If more than one antenna assembly is intended for this power setting, the gain of the antenna assembly with the lowest gain shall be used. The DFS radar test signals have been aligned to the direction corresponding to the EUT's maximum antenna gain.</p> |
| <b>Modulation Mode</b>                              | 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80)                                                                                                                                                                                                                                                                                                                                 |

### 3 Dynamic Frequency Selection (DFS) Test Result

#### 3.1 General DFS Information

##### 3.1.1 DFS Parameters

| Table D.1: DFS requirement values |                                                                                                       |
|-----------------------------------|-------------------------------------------------------------------------------------------------------|
| Parameter                         | Value                                                                                                 |
| Non-occupancy period              | Minimum 30 minutes                                                                                    |
| Channel Availability Check Time   | 60 seconds                                                                                            |
| Channel Move Time                 | 10 seconds (Note 1).                                                                                  |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second periods. (Notes 1 and 2). |
| U-NII Detection Bandwidth         | Minimum 100% of the 99% power bandwidth (Note 3).                                                     |

Note 1: 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.

Note 2: 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.

Note 3: 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.

| Table D.2: Interference threshold values |                  |
|------------------------------------------|------------------|
| Maximum Transmit Power                   | Value (see note) |
| EIRP $\geq$ 200 mW                       | -64 dBm          |
| EIRP < 200 mW and PSD < 10dBm/MHz        | -62 dBm          |
| EIRP < 200 mW and PSD $\geq$ 10dBm/MHz   | -64 dBm          |

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: 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.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911D01.

### 3.1.2 Applicability of DFS Requirements Prior to Use of a Channel

| Requirement                            | DFS Operational mode |                                |                             |
|----------------------------------------|----------------------|--------------------------------|-----------------------------|
|                                        | Master               | Client without radar detection | Client with radar detection |
| <i>Non-Occupancy Period</i>            | Yes                  | Not required                   | Yes                         |
| <i>DFS Detection Threshold</i>         | Yes                  | Not required                   | Yes                         |
| <i>Channel Availability Check Time</i> | Yes                  | Not required                   | Not required                |
| <i>U-NII Detection Bandwidth</i>       | Yes                  | Not required                   | Yes                         |

### 3.1.3 Applicability of DFS Requirements during Normal Operation

| Requirement                              | DFS Operational mode |                                |                             |
|------------------------------------------|----------------------|--------------------------------|-----------------------------|
|                                          | Master               | Client without radar detection | Client with radar detection |
| <i>DFS Detection Threshold</i>           | Yes                  | Not required                   | Yes                         |
| <i>Channel Closing Transmission Time</i> | Yes                  | Yes                            | Yes                         |
| <i>Channel Move Time</i>                 | Yes                  | Yes                            | Yes                         |
| <i>U-NII Detection Bandwidth</i>         | Yes                  | Not required                   | Yes                         |

| Additional requirements for devices with multiple bandwidth modes | Master Device 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.

**3.1.4 User Access Restrictions**

| User Access Restrictions            |                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | DFS controls (hardware or software) related to radar detection are NOT accessible to the user. Manufacturer statement confirming that information regarding the parameters of the detected Radar Waveforms is not available to the end user. |

**3.1.5 Channel Loading/Data Streaming**

|                                     |                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | IP Based (Load Based) - stream the test file from the Master to the Client.                    |
| <input type="checkbox"/>            | The data file (MPEG-4) has been transmitting in a streaming mode.                              |
| <input checked="" type="checkbox"/> | Software to ping the client is permitted to simulate data transfer with random ping intervals. |
| <input checked="" type="checkbox"/> | Minimum channel loading of approximately 17%.                                                  |
| <input type="checkbox"/>            | Unicast protocol has been used.                                                                |
| <input type="checkbox"/>            | Frame Based - stream the test file from the Master to the Client.                              |
| <input type="checkbox"/>            | fixed talk/listen ratio, set the ratio to 45%/55%                                              |

## 3.2 Radar Test Waveform Calibration

### 3.2.1 Short Pulse Radar Test Waveforms

| 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     |
| 1A                                                                                                                                          | 1                  | 15 unique PRI in KDB 905462 D02 Table 5a        | $\text{Roundup}\left\{\left(\frac{1}{360}\right) \times \left(\frac{19 \times 10^6}{PRI}\right)\right\}$ | 60%                                        | 15             |
| 1B                                                                                                                                          | 1                  | 15 unique PRI within 518-3066, Excluding 1A PRI |                                                                                                          | 60%                                        | 15             |
| 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. |                    |                                                 |                                                                                                          |                                            |                |

A minimum of 30 unique waveforms are required for each of the short pulse radar types 1 through 4. 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. The aggregate is the average of the percentage of successful detections of short pulse radar types 1-4.

### 3.2.2 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             |

Each waveform is defined as follows:

- The transmission period for the Long Pulse Radar test signal is 12 seconds.
- 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.
- 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.
- 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.
- Each pulse has a linear FM 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.
- 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.

- 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.

### 3.2.3 Frequency Hopping Radar Test Waveform

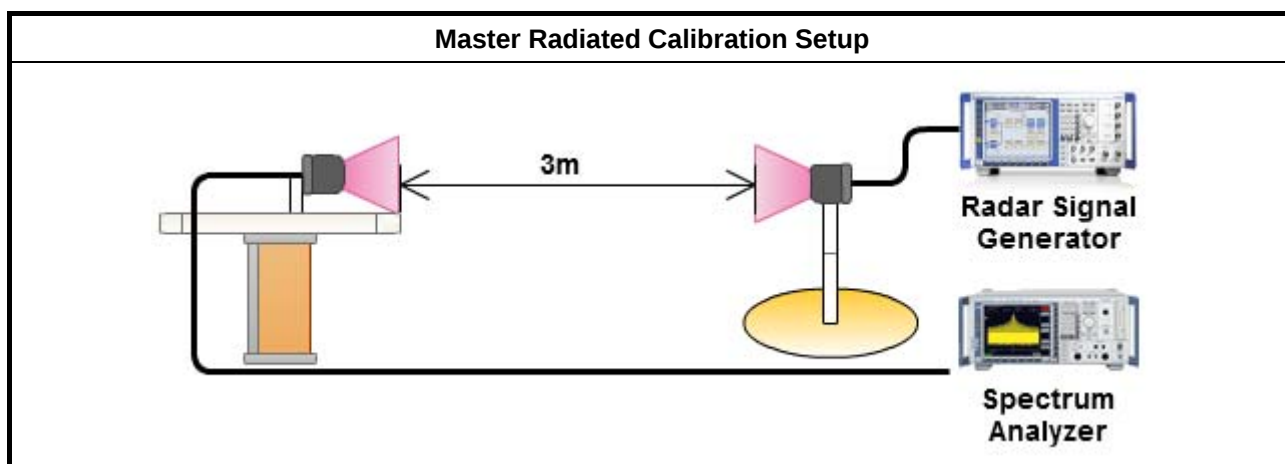
| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|------------|----------------|--------------------|------------------------------|--------------------------------------------|----------------|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

The FCC Type 6 waveform uses a static waveform with 100 bursts in the instruments ARB. In addition, the RF list mode is operated with a list containing 100 frequencies from a randomly generated list and it had be ensured that at least one of the random frequencies falls into the UNII Detection Bandwidth of the DUT. Each burst from the waveform file initiates a trigger pulse at the beginning that switches the RF list from one item to the next one.

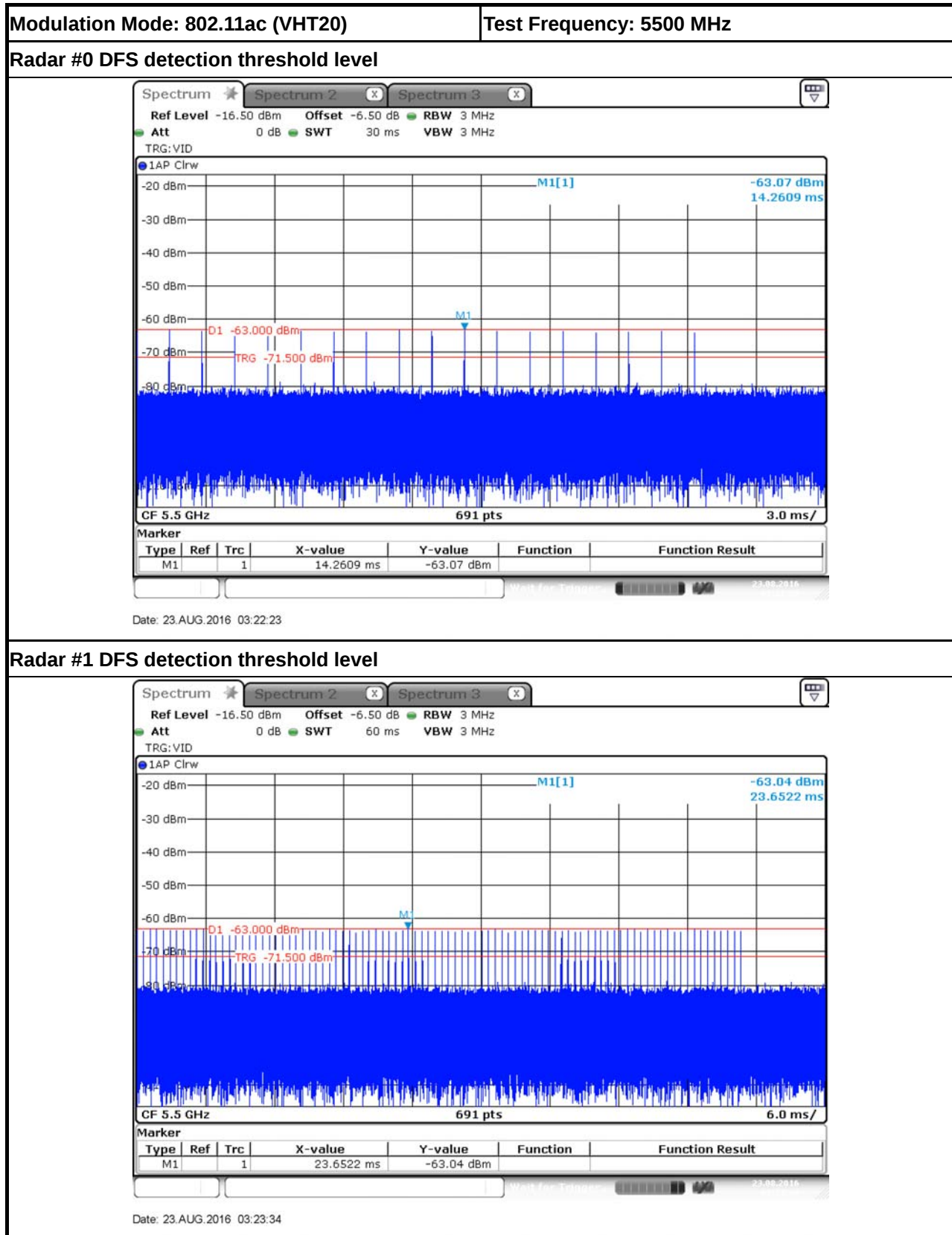
### 3.2.4 DFS Threshold Level

| DFS Threshold Level                                                                                                                                                                                           |                                     |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| DFS Threshold level: -63 dBm                                                                                                                                                                                  | <input type="checkbox"/>            | at the antenna connector |
|                                                                                                                                                                                                               | <input checked="" type="checkbox"/> | in front of the antenna  |
| The Interference <b>Radar Detection Threshold Level</b> is is $-64 \text{ dBm} + 0 [\text{dBi}] + 1 \text{ dB} = -63 \text{ dBm}$ . That had been taken into account the output power range and antenna gain. |                                     |                          |

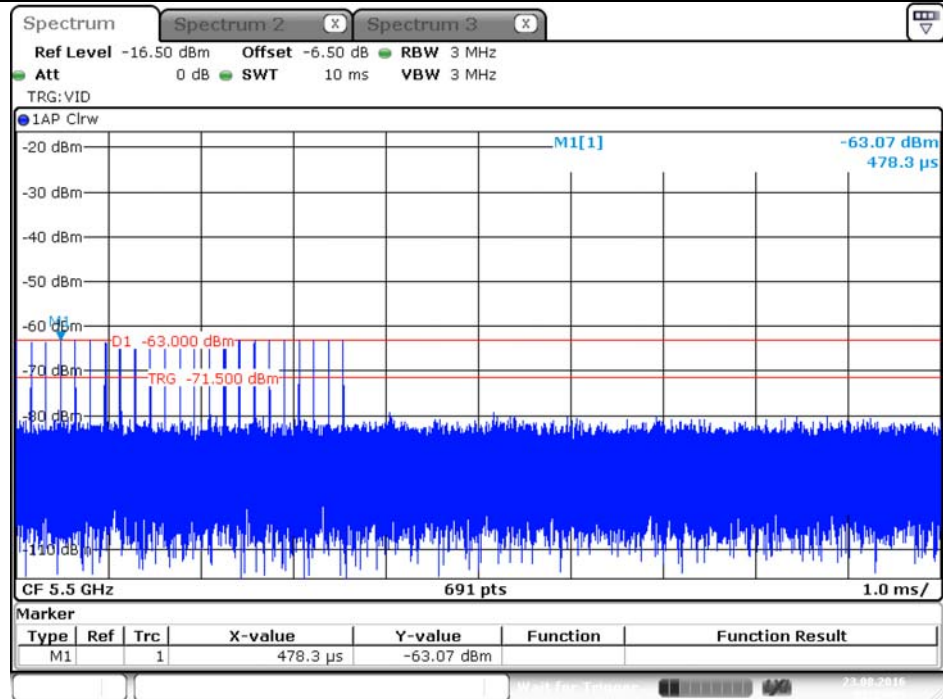
### 3.2.5 Calibration Setup



## 3.2.6 Radar Waveform calibration Plot

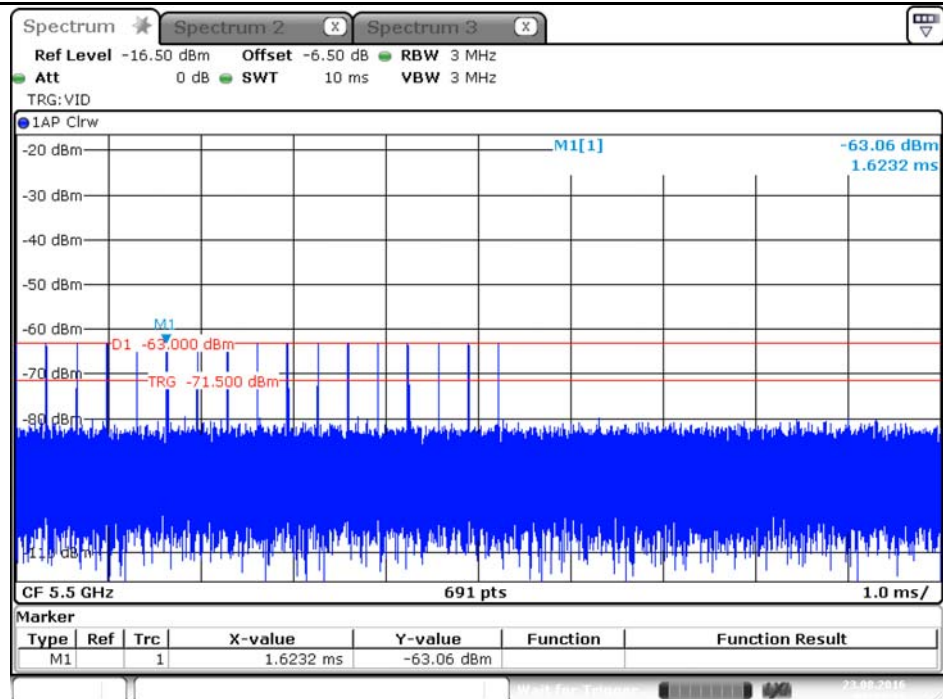


## Radar #2 DFS detection threshold level



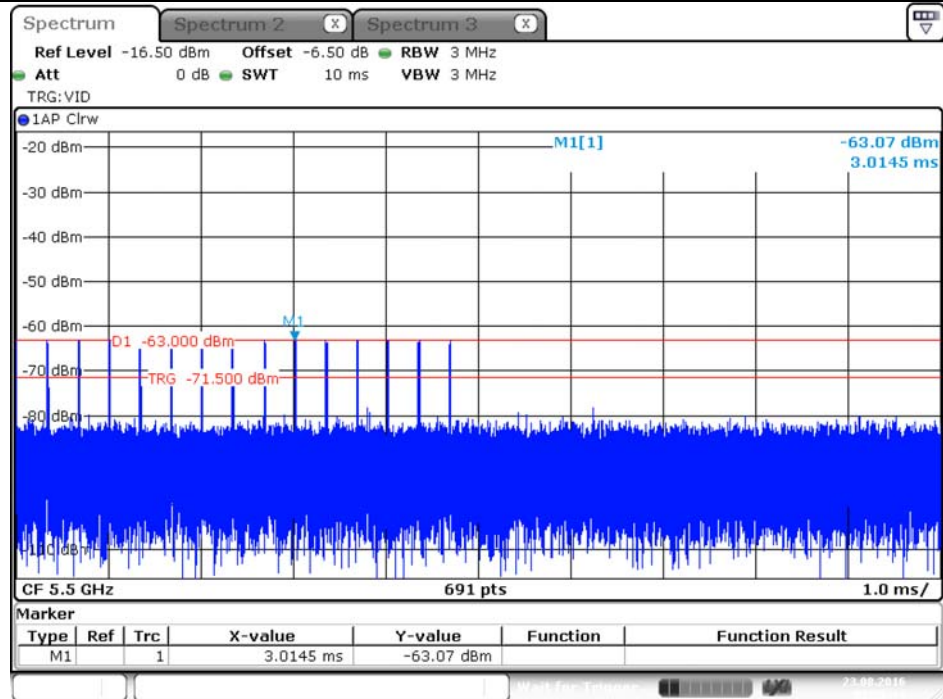
Date: 23.AUG.2016 03:24:03

## Radar #3 DFS detection threshold level

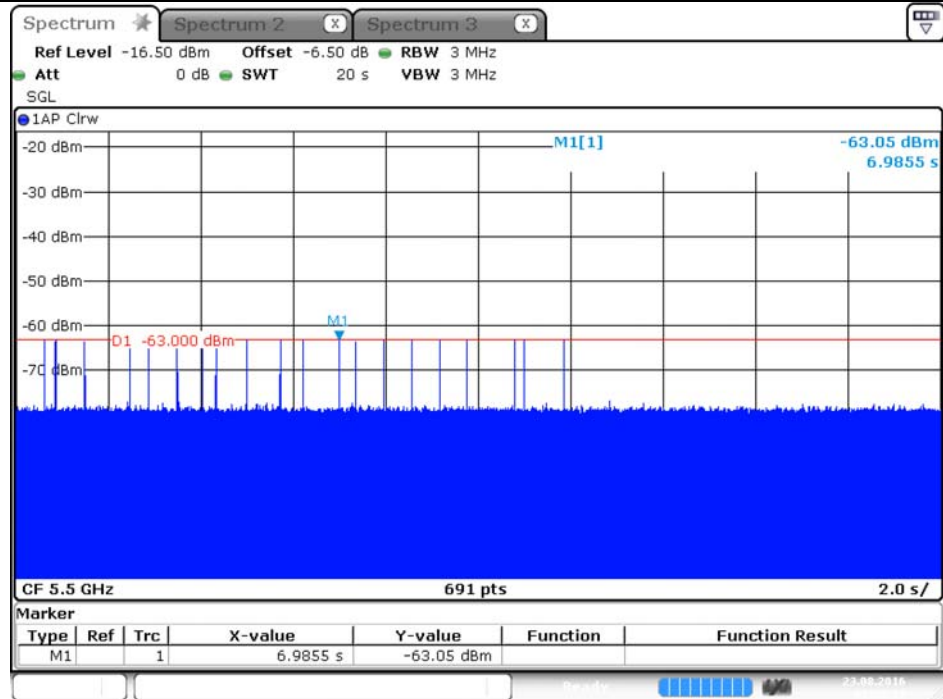


Date: 23.AUG.2016 03:25:51

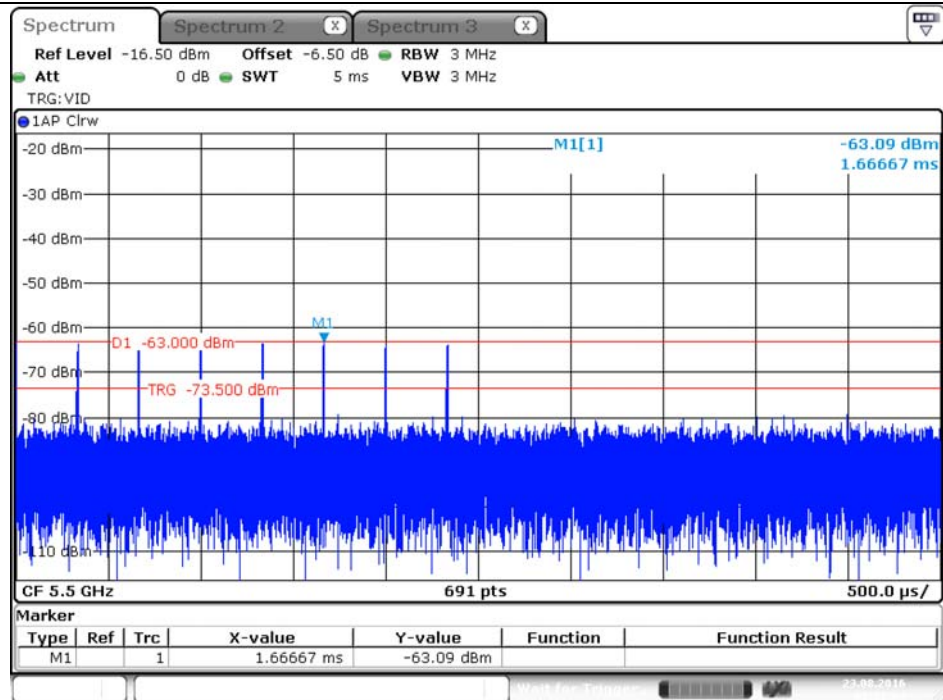
## Radar #4 DFS detection threshold level



## Radar #5 DFS detection threshold level



## Radar #6 DFS detection threshold level



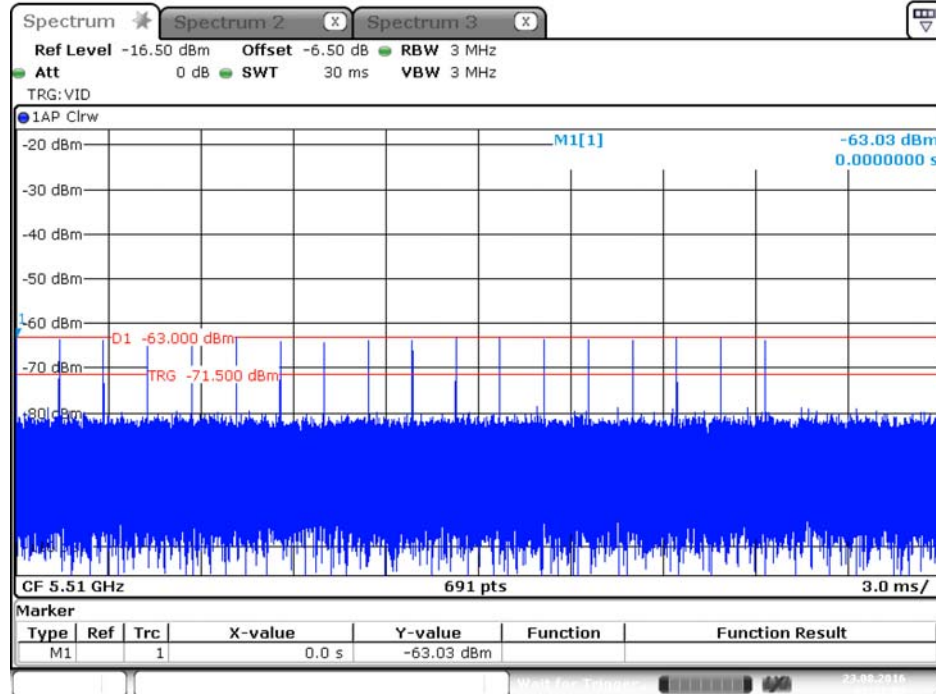
Date: 23.AUG.2016 03:32:03



Modulation Mode: 802.11ac (VHT40)

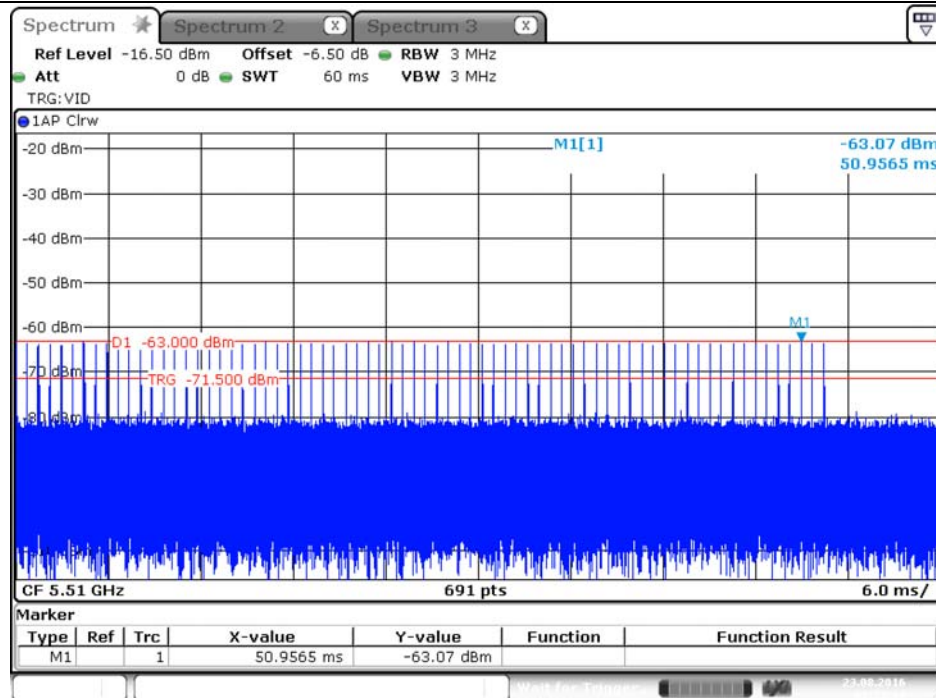
Test Frequency: 5510 MHz

Radar #0 DFS detection threshold level



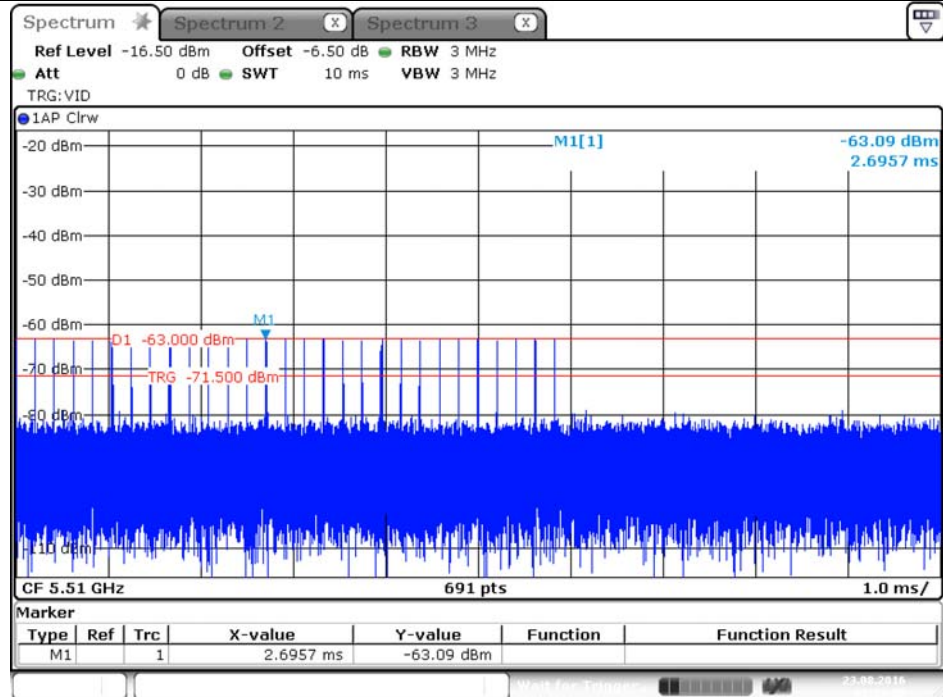
Date: 23.AUG.2016 03:22:02

Radar #1 DFS detection threshold level

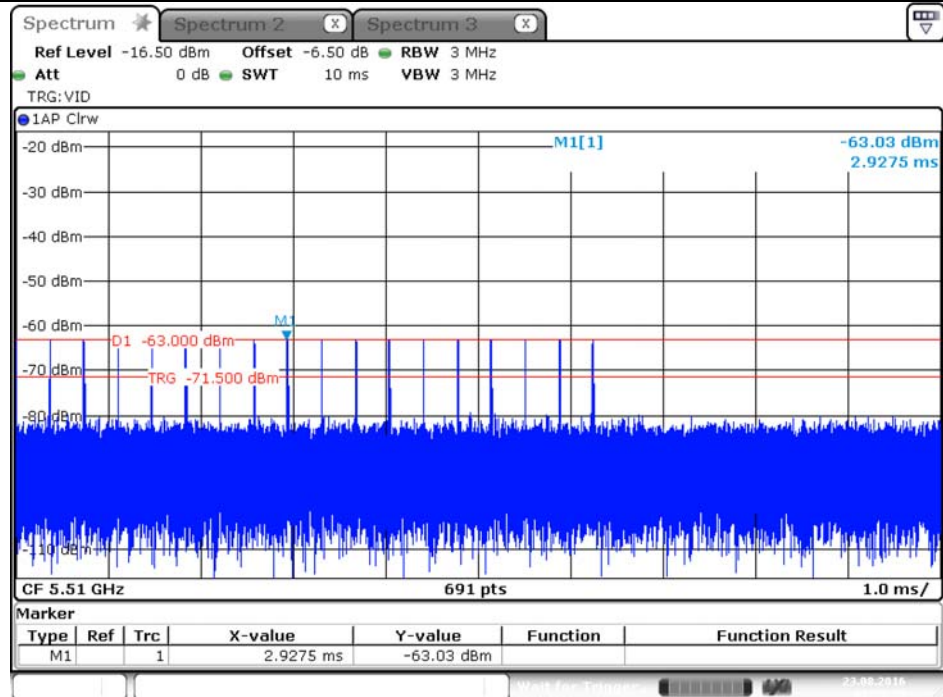


Date: 23.AUG.2016 03:23:14

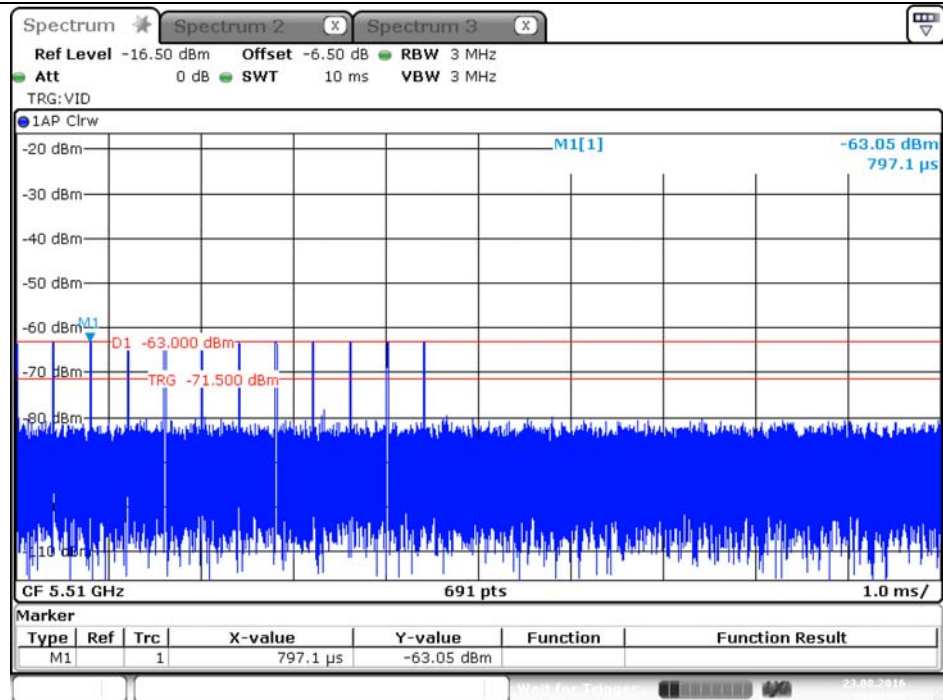
## Radar #2 DFS detection threshold level



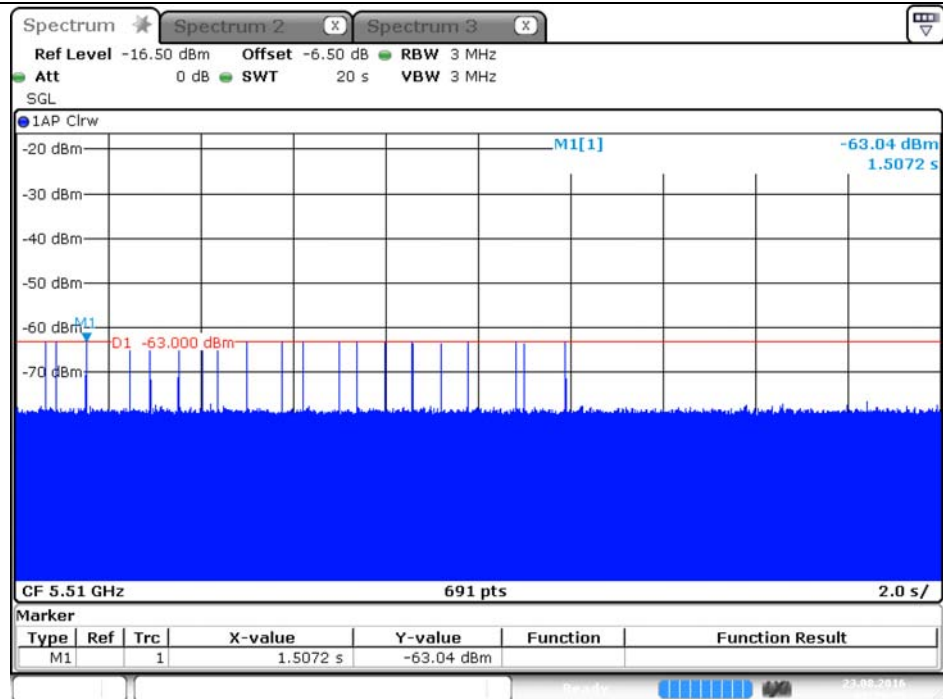
## Radar #3 DFS detection threshold level



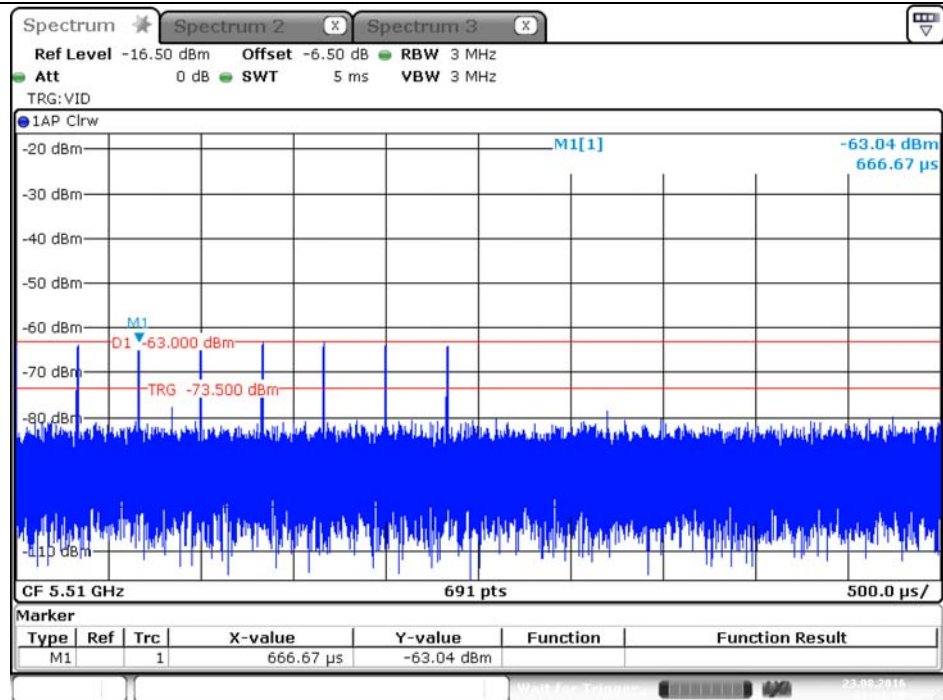
## Radar #4 DFS detection threshold level



## Radar #5 DFS detection threshold level



## Radar #6 DFS detection threshold level



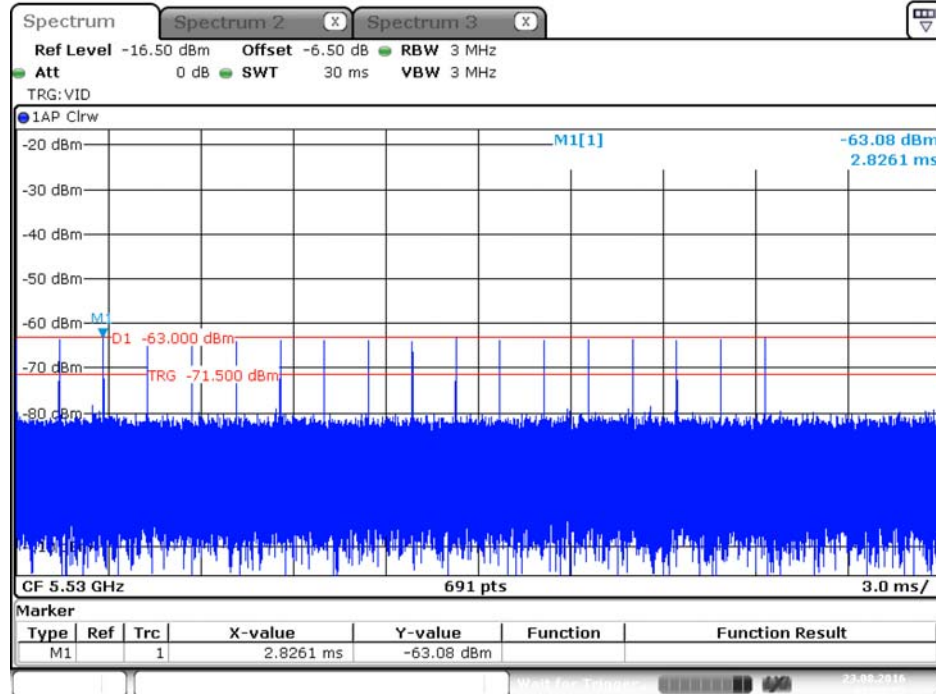
Date: 23.AUG.2016 03:33:20



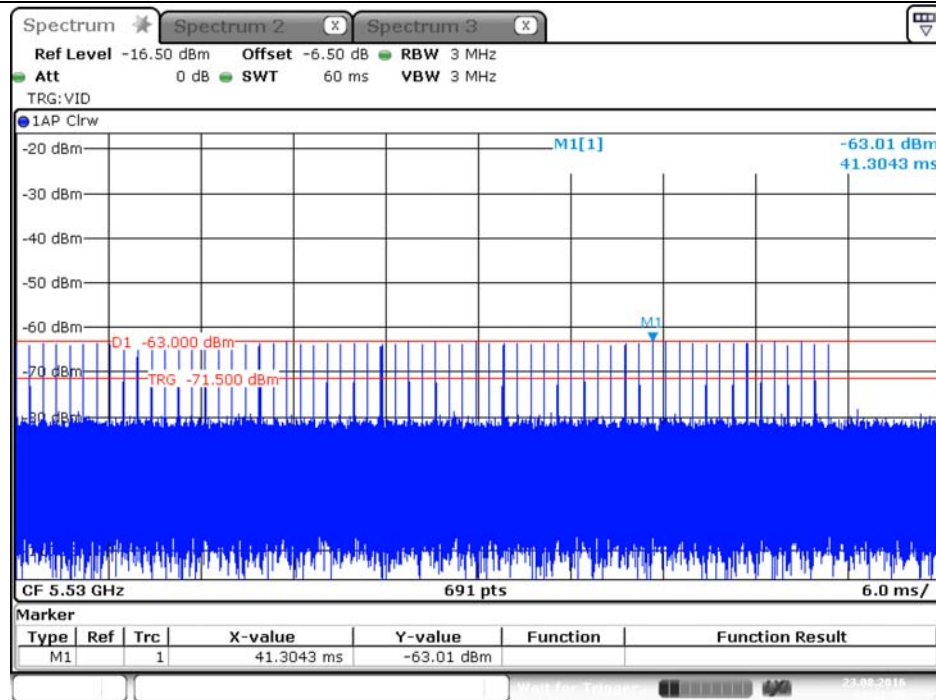
Modulation Mode: 802.11ac (VHT80)

Test Frequency: 5530 MHz

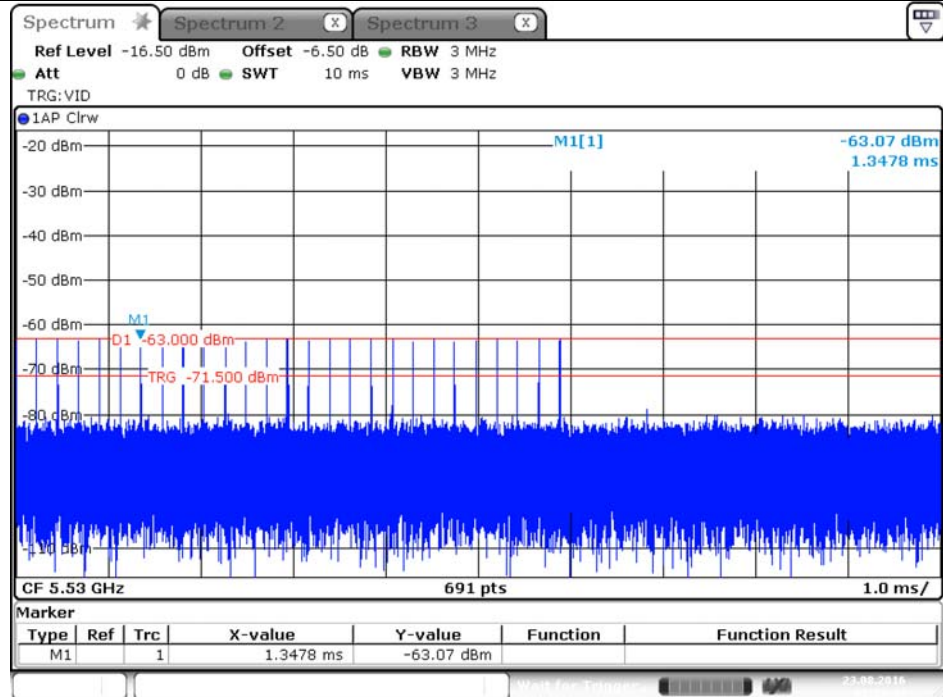
Radar #0 DFS detection threshold level



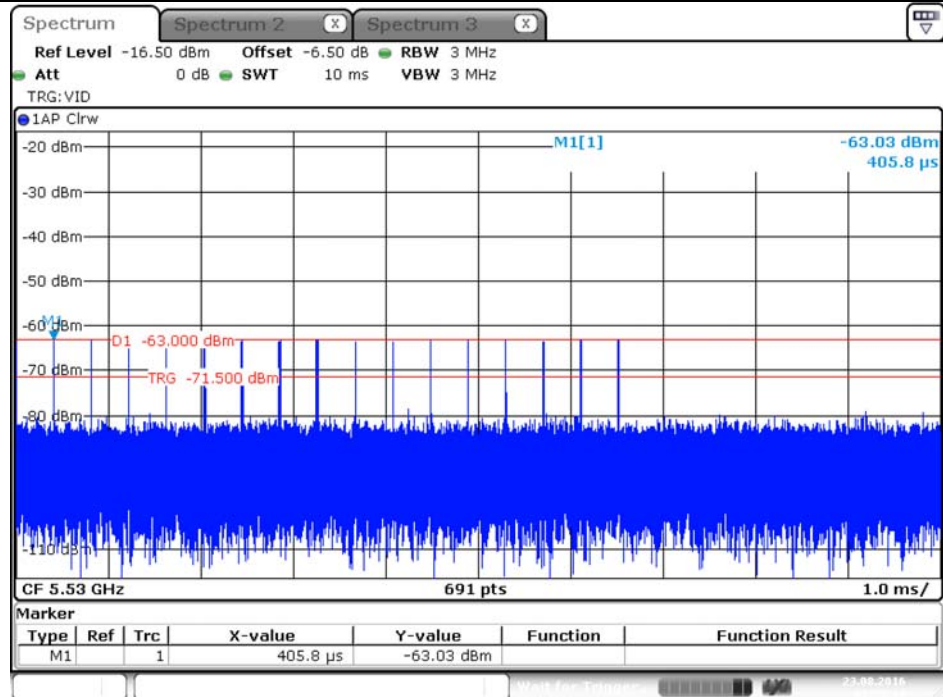
Radar #1 DFS detection threshold level



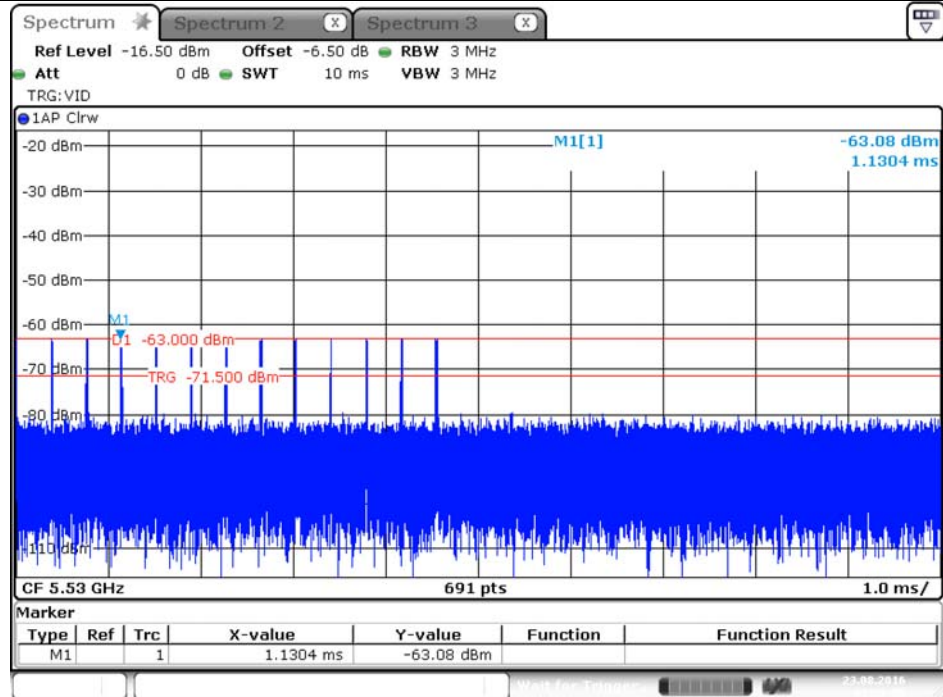
## Radar #2 DFS detection threshold level



## Radar #3 DFS detection threshold level

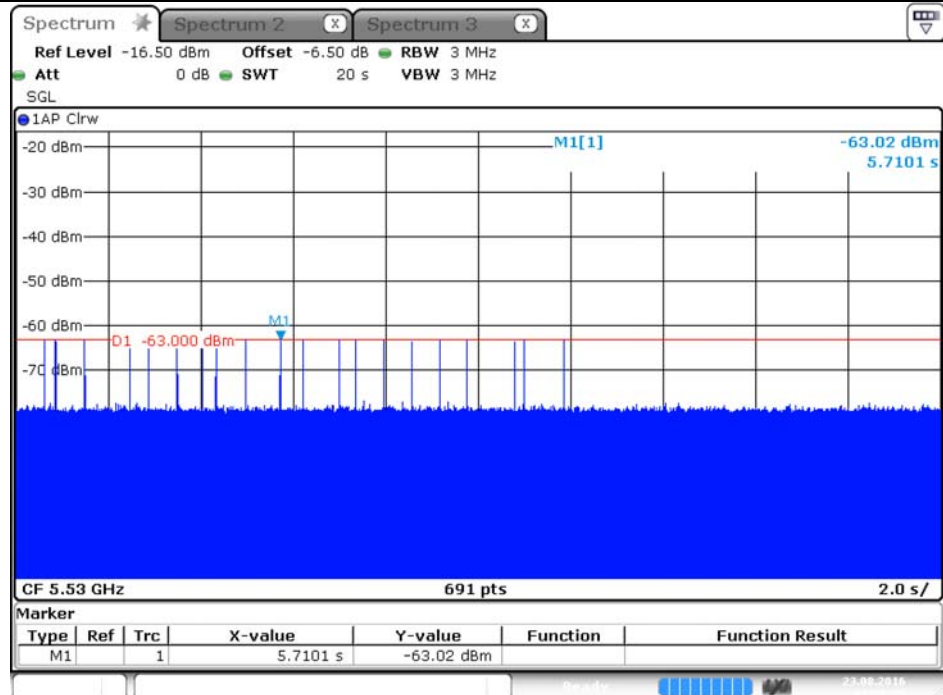


## Radar #4 DFS detection threshold level



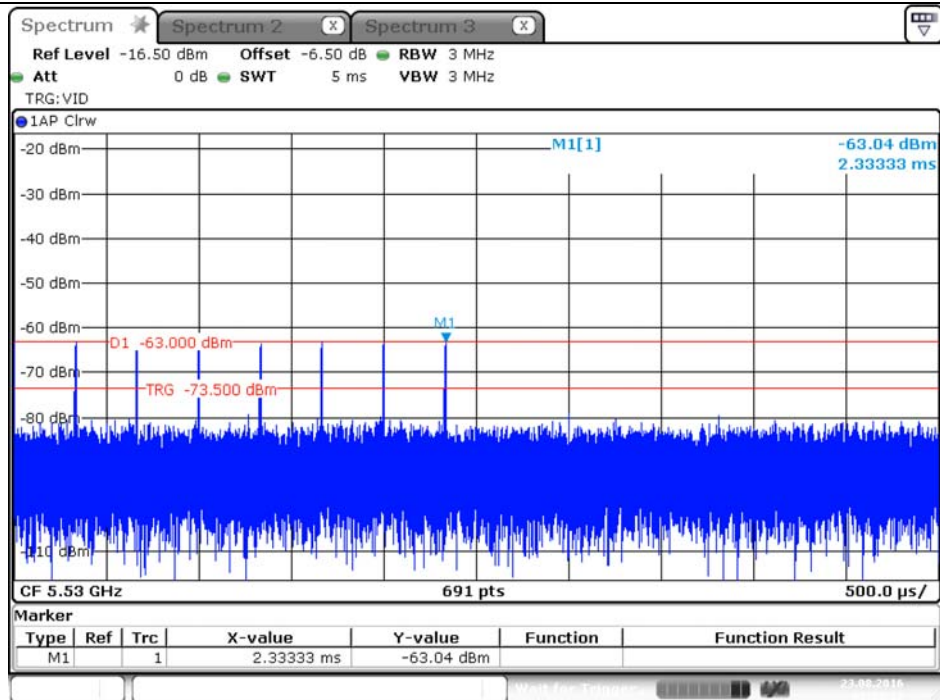
Date: 23.AUG.2016 03:26:54

## Radar #5 DFS detection threshold level



Date: 23.AUG.2016 03:28:35

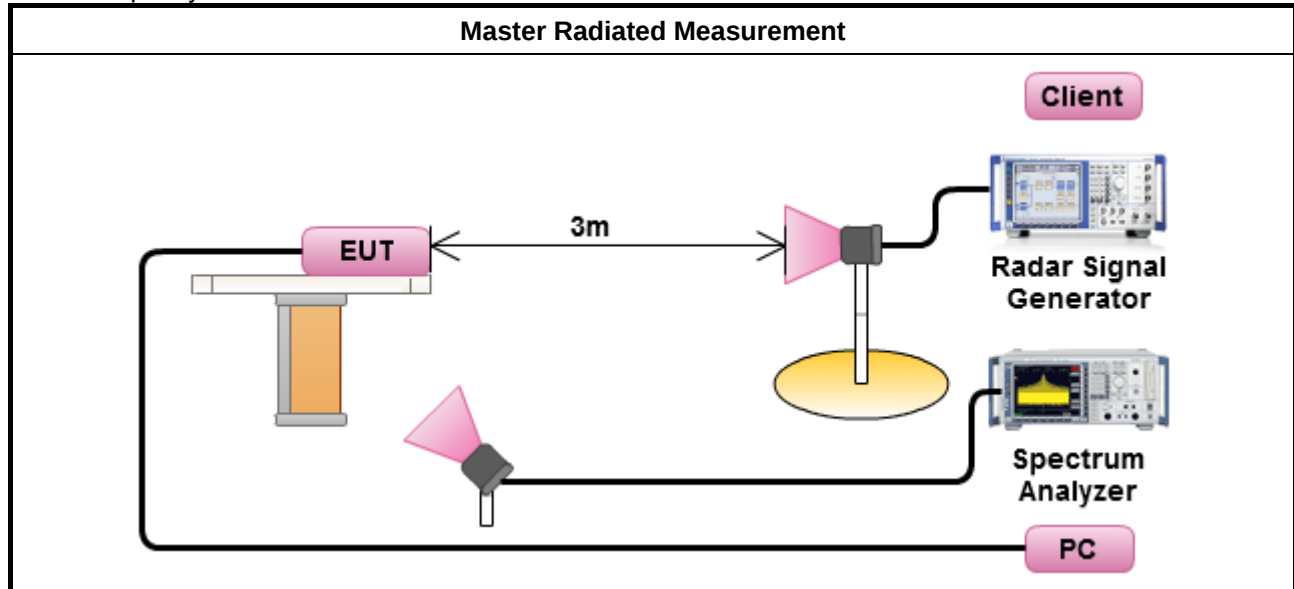
## Radar #6 DFS detection threshold level



Date: 23.AUG.2016 03:33:37

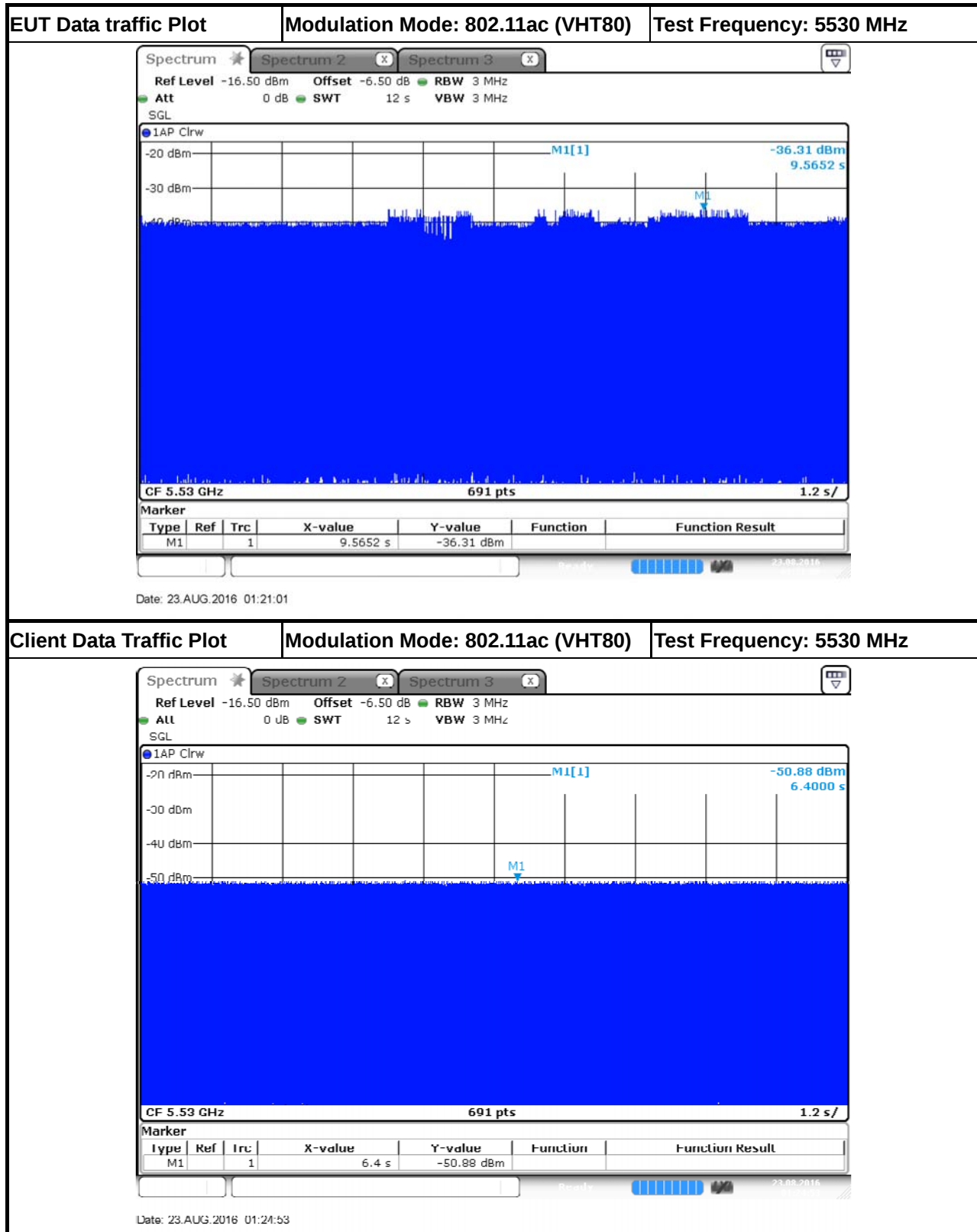
### 3.2.7 Test Setup

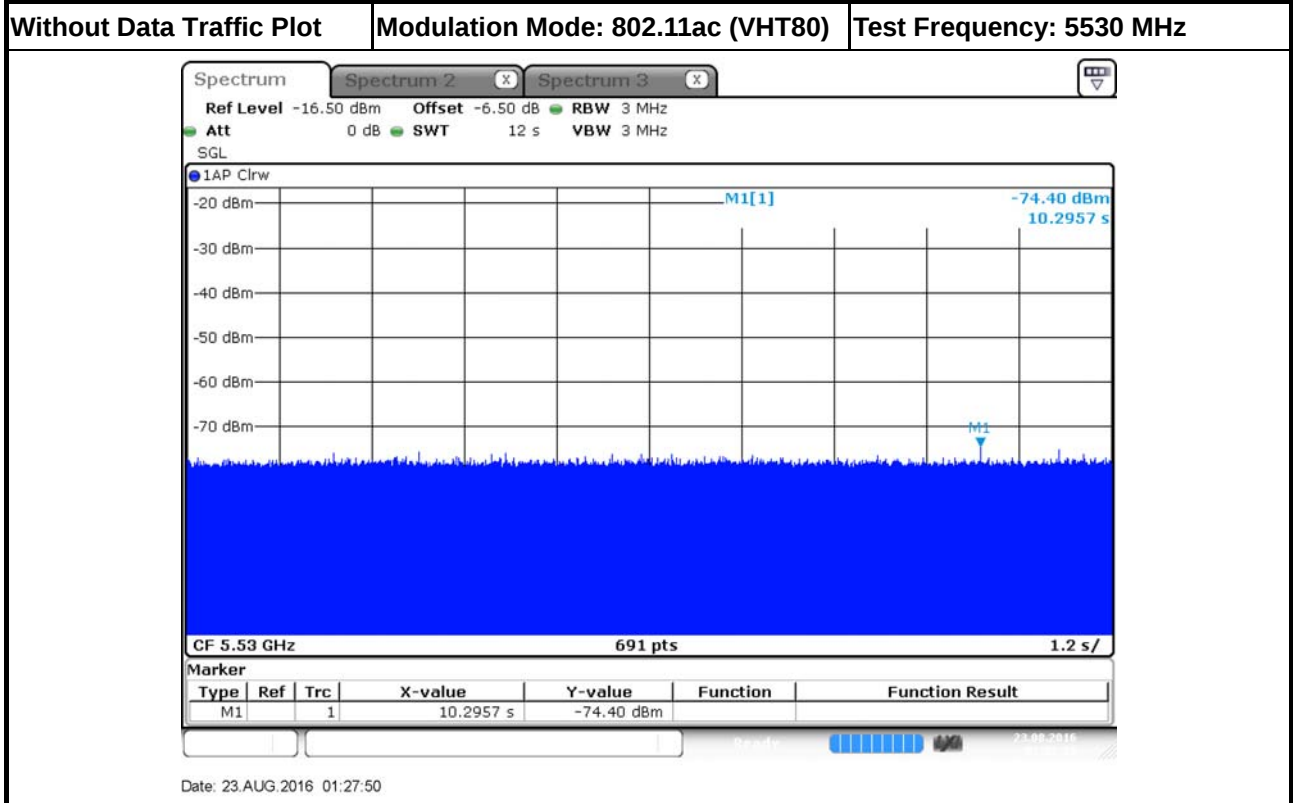
A spectrum analyzer is used as a monitor to verify that the EUT has vacated the Channel within the (Channel Closing Transmission Time and Channel Move Time, and does not transmit on a Channel during the Non-Occupancy Period after the detection and Channel move.





## 3.2.8 Data traffic Plot





### 3.3 UNII Detection Bandwidth

#### 3.3.1 UNII Detection Bandwidth Limit

| Channel Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) | UNII Detection Bandwidth Min. Limit (MHz) |
|-------------------------|------------------------------|-------------------------------------------|
| 20                      | 17.452                       | 18                                        |
| 40                      | 36.478                       | 37                                        |
| 80                      | 75.832                       | 76                                        |

UNII Detection Bandwidth is minimum 100% of the 99% power bandwidth. A single radar Burst is generated for a minimum of 10 trials, and the response of the UUT is noted. The UUT must detect the Radar Waveform 90% or more of the time.

#### 3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

#### 3.3.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | 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 percent. Measurements are performed with no data traffic. The EUT is set up as a standalone device (no associated Client and no traffic). The radar frequency is increased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The highest frequency at which detection is greater than or equal to 90% is denoted as $F_H$ . The radar frequency is decreased in 1 MHz steps, repeating the above test sequence, until the detection rate falls below 90%. The lowest frequency at which detection is greater than or equal to 90% is denoted as $F_L$ .<br>UNII Detection Bandwidth = $F_H - F_L$ . |

**3.3.4 Test Result of UNII Detection Bandwidth**

| EUT Frequency=5500 MHz                                                |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| Channel Bandwidth (MHz)                                               | 20                                                  |   |   |   |   |   |   |   |   |    |                    |
| Radar Frequency (MHz)                                                 | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                                       | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5490                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5491(FL)                                                              | 1                                                   | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 90                 |
| 5492                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5493                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5494                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5495                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5496                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5497                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5498                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5499                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5500                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5501                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5502                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5503                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5504                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5505                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5506                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5507                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5508                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5509(FH)                                                              | 1                                                   | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1  | 90                 |
| 5510                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5509MHz-5491MHz)= |                                                     |   |   |   |   |   |   |   |   |    | 18                 |
| UNII Detection Bandwidth Min. Limit (MHz) =                           |                                                     |   |   |   |   |   |   |   |   |    | 18                 |
| <b>Test Result</b>                                                    |                                                     |   |   |   |   |   |   |   |   |    | <b>Complied</b>    |

| EUT Frequency=5510 MHz                                                |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| Channel Bandwidth (MHz)                                               | 40                                                  |   |   |   |   |   |   |   |   |    |                    |
| Radar Frequency (MHz)                                                 | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                                       | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5490                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5491(FL)                                                              | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0  | 90                 |
| 5492                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5493                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5494                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5495                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5496                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5497                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5498                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5499                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5500                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5505                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5510                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5515                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5520                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5525                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5526                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5527                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5528                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5529(FH)                                                              | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0  | 90                 |
| 5530                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5529MHz-5491MHz)= |                                                     |   |   |   |   |   |   |   |   |    | 38                 |
| UNII Detection Bandwidth Min. Limit (MHz) =                           |                                                     |   |   |   |   |   |   |   |   |    | 37                 |
| <b>Test Result</b>                                                    |                                                     |   |   |   |   |   |   |   |   |    | <b>Complied</b>    |

| EUT Frequency=5530 MHz                                                |                                                     |   |   |   |   |   |   |   |   |    |                    |
|-----------------------------------------------------------------------|-----------------------------------------------------|---|---|---|---|---|---|---|---|----|--------------------|
| Channel Bandwidth (MHz)                                               | 80                                                  |   |   |   |   |   |   |   |   |    |                    |
| Radar Frequency (MHz)                                                 | DFS Detection Trials (1=Detection, 0= No Detection) |   |   |   |   |   |   |   |   |    | Detection Rate (%) |
|                                                                       | 1                                                   | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |                    |
| 5491                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| 5492(FL)                                                              | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5495                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5496                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5497                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5498                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5499                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5500                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5505                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5510                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5515                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5520                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5525                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5530                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5535                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5540                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5545                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5550                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5555                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5560                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5561                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5562                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5563                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5564                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5565                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5568(FH)                                                              | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5569                                                                  | 0                                                   | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0                  |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5568MHz-5492MHz)= |                                                     |   |   |   |   |   |   |   |   |    | 76                 |
| UNII Detection Bandwidth Min. Limit (MHz) =                           |                                                     |   |   |   |   |   |   |   |   |    | 76                 |
| <b>Test Result</b>                                                    |                                                     |   |   |   |   |   |   |   |   |    | <b>Complied</b>    |

### 3.4 Channel Availability Check (CAC)

#### 3.4.1 Channel Availability Check Limit

| Channel Availability Check Limit    |                                                                                                                                                                                                                |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | The EUT shall perform a Channel Availability Check to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute (60 sec) on the intended operating frequency. |

#### 3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

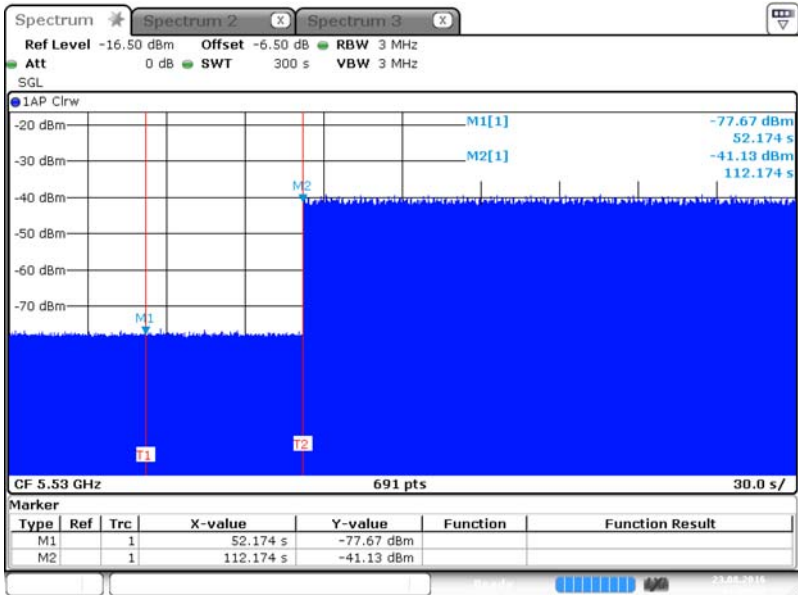
#### 3.4.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                       |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | For Initial Channel Availability Check Time. The EUT does not emit beacon, control, or data signals on the test Channel until the power-up sequence has been completed and the UNII device checks for Radar Waveforms for one minute on the test Channel. This test does not use any Radar Waveforms. |
| <input checked="" type="checkbox"/> | For Radar Burst at the Beginning of the Channel Availability Check Time. To verify successful radar detection on the selected Channel during a period equal to the Beginning of the Channel Availability Check Time.                                                                                  |
| <input checked="" type="checkbox"/> | For Radar Burst at the End of the Channel Availability Check Time. To verify successful radar detection on the selected Channel during a period equal to the End of the Channel Availability Check Time.                                                                                              |

### 3.4.4 Test Result of Initial Channel Availability Check Time

| Modulation Mode  | Freq.    | Radar Test Signal |
|------------------|----------|-------------------|
| 802.11ac (VHT80) | 5530 MHz | N/A               |

The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (52.174 sec). The initial power up time of the EUT is indicated by marker 1 (52.174 sec). Initial beacons/data transmissions are indicated by marker 2 (112.174 sec).



CF 5.53 GHz 691 pts 30.0 s/

| Marker | Type | Ref | Trc | X-value   | Y-value    | Function | Function Result |
|--------|------|-----|-----|-----------|------------|----------|-----------------|
| M1     |      |     | 1   | 52.174 s  | -77.67 dBm |          |                 |
| M2     |      |     | 1   | 112.174 s | -41.13 dBm |          |                 |

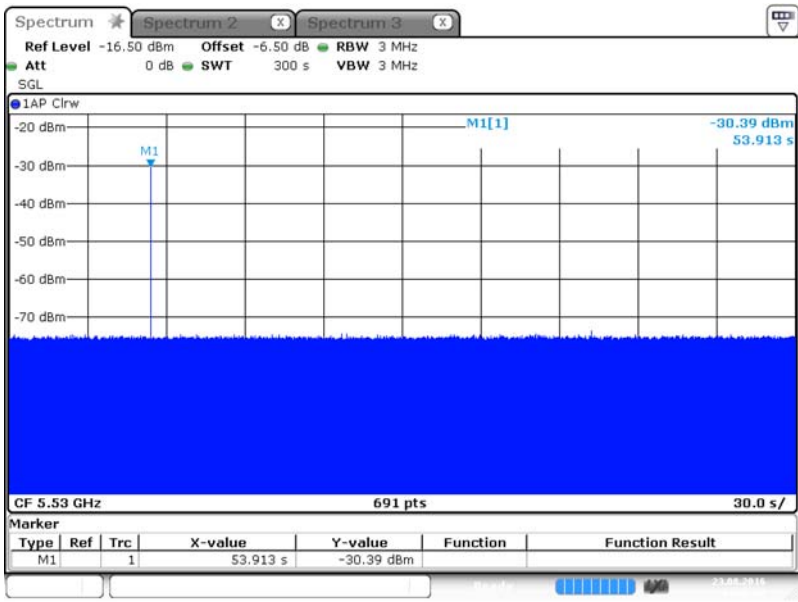
Date: 23.AUG.2016 01:34:33

|                    |                 |
|--------------------|-----------------|
| <b>Test Result</b> | <b>Complied</b> |
|--------------------|-----------------|

### 3.4.5 Test Result of Radar Burst at the Beginning of the Channel Availability Check Time

| Modulation Mode  | Freq. (MHz) | Radar Type Signal |
|------------------|-------------|-------------------|
| 802.11ac (VHT80) | 5530 MHz    | 0                 |

Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 246.087 seconds after the radar Burst has been generated. Verify that during the 300 seconds measurement window no EUT transmissions occurred.



Date: 23.AUG.2016 01:47:42

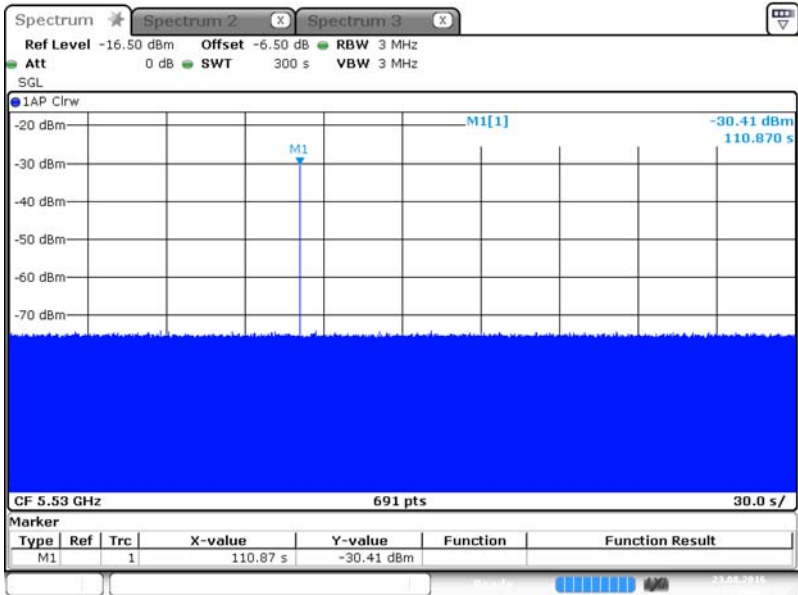
| Type | Ref | Trc | X-value  | Y-value    | Function | Function Result |
|------|-----|-----|----------|------------|----------|-----------------|
| M1   |     | 1   | 53.913 s | -30.39 dBm |          |                 |

**Test Result**
**Complied**

### 3.4.6 Test Result of Radar Burst at the End of the Channel Availability Check Time

| Modulation Mode  | Freq. (MHz) | Radar Type Signal |
|------------------|-------------|-------------------|
| 802.11ac (VHT80) | 5530 MHz    | 0                 |

Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 189.130 seconds after the radar Burst has been generated. Verify that during the 300 seconds measurement window no EUT transmissions occurred.



Date: 23.AUG.2016 01:54:48

| Test Result |  | Complied |
|-------------|--|----------|
|-------------|--|----------|

### 3.5 In-service Monitoring

#### 3.5.1 In-service Monitoring Limit

| In-service Monitoring Limit       |                                                               |
|-----------------------------------|---------------------------------------------------------------|
| Channel Move Time                 | 10 sec                                                        |
| Channel Closing Transmission Time | 200 ms + an aggregate of 60 ms over remaining 10 sec periods. |
| Non-occupancy period              | Minimum 30 minutes                                            |

#### 3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

#### 3.5.3 Test Procedures

| Test Method                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | Verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. Client Device will associate with the EUT. 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). Compare the Channel Move Time and Channel Closing Transmission Time limits. |
| <input checked="" type="checkbox"/> | Verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. One 12 sec plot needs to be reported for the Short Pulse Radar Types 0. And zoom-in a 60 ms plot verified channel closing time for the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.                                                                                             |
| <input checked="" type="checkbox"/> | Verified during In-Service Monitoring; Non-Occupancy Period. Client Device will associate with the EUT. 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 (Non-Occupancy Period). Compare the Non-Occupancy Period limits.                                                                 |

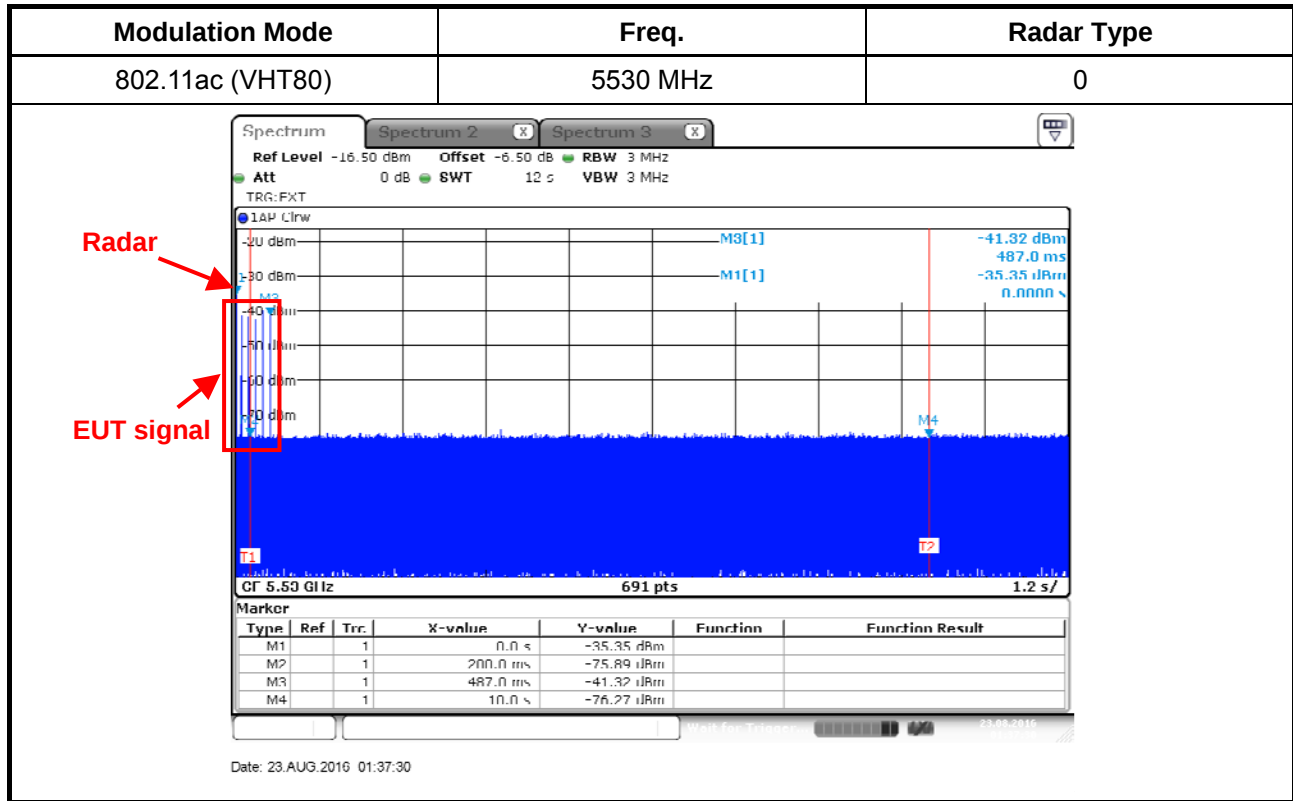
### 3.5.4 Test Result of In-service Monitoring

Modulation Mode: 802.11ac (VHT80)

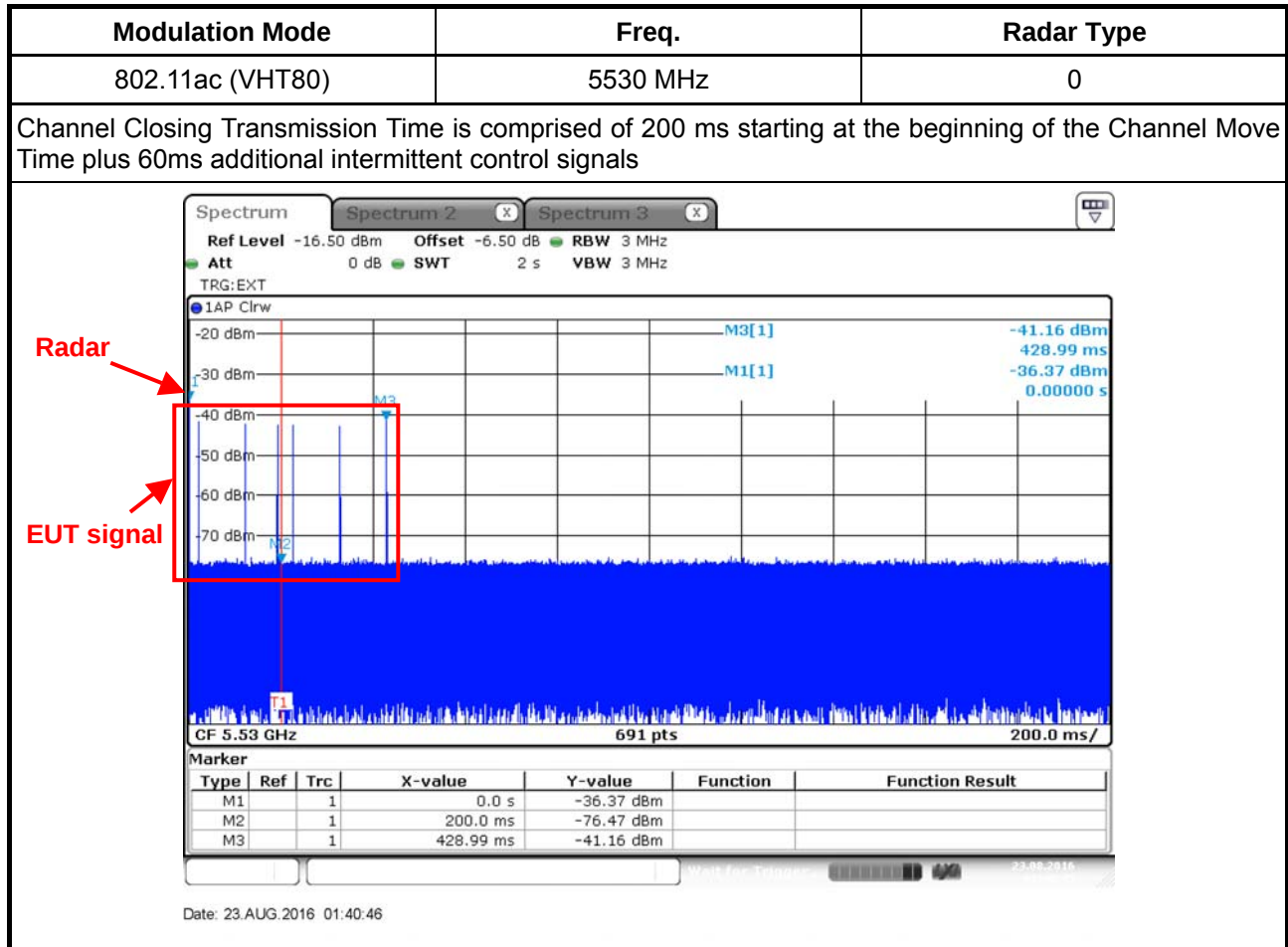
| Parameter                                     | Test Result | Limit         |
|-----------------------------------------------|-------------|---------------|
|                                               | Type 0      |               |
| Test Channel (MHz)                            | 5530 MHz    | -             |
| Channel Move Time (sec.)                      | 0.487       | < 10s         |
| Channel Closing Transmission Time (ms) (Note) | 8.695       | < 60ms        |
| Non-Occupancy Period (min.)                   | $\geq 30$   | $\geq 30$ min |

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.

### 3.5.5 Test Plot of In-Service Monitoring for Channel Move Time



### 3.5.6 Test Plot of In-Service Monitoring for Channel Closing Transmission Time



Dwell is the dwell time per spectrum analyzer sampling bin.

S is the sweep time

B is the number of spectrum analyzer sampling bins

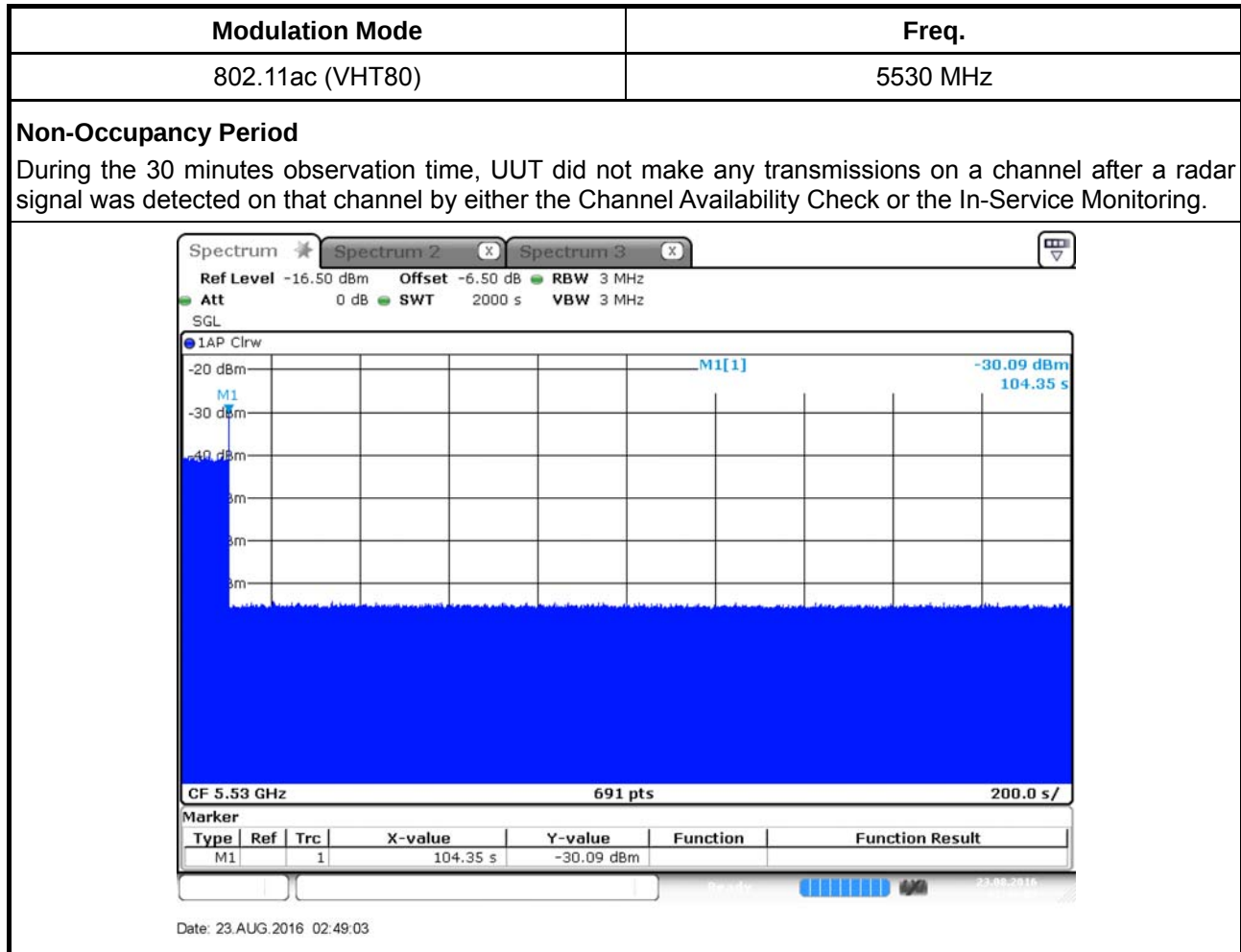
C is the intermittent control signals of Channel Closing Transmission Time

N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission

Dwell (2.898 ms)= S (2000 ms) / B (690)

C (8.695 ms) = N (3) X Dwell (2.898 ms)

### 3.5.7 Test Plot of In-Service Monitoring for Non-Occupancy Period



### 3.6 Statistical Performance Check

#### 3.6.1 Statistical Performance Check Limit

| Radar Type                  | Minimum Percentage of Successful Detection (Pd) | Minimum Trials |
|-----------------------------|-------------------------------------------------|----------------|
| 1                           | 60%                                             | 30             |
| 2                           | 60%                                             | 30             |
| 3                           | 60%                                             | 30             |
| 4                           | 60%                                             | 30             |
| Aggregate (Radar Types 1-4) | 80%                                             | 120            |
| 5                           | 80%                                             | 30             |
| 6                           | 70%                                             | 30             |

The percentage of successful detection is calculated by:

$$\frac{\text{TotalWaveformDetections}}{\text{TotalWaveformTrials}} \times 100 = \text{Probability of Detection Radar Waveform}$$

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

$$\frac{Pd1 + Pd2 + Pd3 + Pd4}{4}$$

#### 3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

#### 3.6.3 Test Procedures

| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> For Statistical Performance Check test. Demonstrating a minimum channel loading of approximately 17% or greater of the test. Observe the transmissions of the UUT 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. Then Observe the transmissions of the UUT 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. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs. |

### 3.6.4 Test Result of Statistical Performance Check

Modulation Mode: 802.11ac (VHT20)

#### Type 1 Radar Statistical Performance

| Trial #                  | Test Freq. (MHz) | Pulse Repetition Frequency Number | Pulse Repetition Frequency (Pulse Per Second) | PRI (us) | 1=Detection<br>0=No Detection |
|--------------------------|------------------|-----------------------------------|-----------------------------------------------|----------|-------------------------------|
| 1                        | 5493             | 1                                 | 1930.5                                        | 518      | 1                             |
| 2                        | 5491             | 23                                | 326.2                                         | 3066     | 1                             |
| 3                        | 5495             | 19                                | 1139.0                                        | 878      | 1                             |
| 4                        | 5496             | 12                                | 1355.0                                        | 738      | 1                             |
| 5                        | 5497             | 4                                 | 1730.1                                        | 578      | 1                             |
| 6                        | 5498             | 8                                 | 1519.8                                        | 658      | 1                             |
| 7                        | 5499             | 15                                | 1253.1                                        | 798      | 1                             |
| 8                        | 5500             | 6                                 | 1618.1                                        | 618      | 0                             |
| 9                        | 5501             | 14                                | 1285.3                                        | 778      | 1                             |
| 10                       | 5502             | 3                                 | 1792.1                                        | 558      | 1                             |
| 11                       | 5503             | 13                                | 1319.3                                        | 758      | 1                             |
| 12                       | 5504             | 9                                 | 1474.9                                        | 678      | 1                             |
| 13                       | 5505             | 7                                 | 1567.4                                        | 638      | 1                             |
| 14                       | 5506             | 17                                | 1193.3                                        | 838      | 1                             |
| 15                       | 5507             | 10                                | 1432.7                                        | 698      | 1                             |
| 16                       | 5506             | -                                 | 1692.0                                        | 591      | 1                             |
| 17                       | 5505             | -                                 | 328.1                                         | 3048     | 0                             |
| 18                       | 5504             | -                                 | 373.4                                         | 2678     | 1                             |
| 19                       | 5503             | -                                 | 574.4                                         | 1741     | 1                             |
| 20                       | 5509             | -                                 | 1216.5                                        | 822      | 1                             |
| 21                       | 5501             | -                                 | 801.3                                         | 1248     | 1                             |
| 22                       | 5500             | -                                 | 488.5                                         | 2047     | 1                             |
| 23                       | 5499             | -                                 | 956.0                                         | 1046     | 1                             |
| 24                       | 5498             | -                                 | 517.6                                         | 1932     | 1                             |
| 25                       | 5497             | -                                 | 1422.5                                        | 703      | 1                             |
| 26                       | 5496             | -                                 | 542.0                                         | 1845     | 1                             |
| 27                       | 5495             | -                                 | 741.3                                         | 1349     | 1                             |
| 28                       | 5494             | -                                 | 881.8                                         | 1134     | 1                             |
| 29                       | 5493             | -                                 | 427.4                                         | 2340     | 1                             |
| 30                       | 5494             | -                                 | 628.9                                         | 1590     | 1                             |
| Detection Percentage (%) |                  |                                   |                                               |          | 93.333                        |
| Limit                    |                  |                                   |                                               |          | 60%                           |
| <b>Test Result</b>       |                  |                                   |                                               |          | <b>Complied</b>               |



**Type 2 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5493             | 2.6              | 221      | 23             | 1                             |
| 2                        | 5491             | 4.6              | 198      | 27             | 1                             |
| 3                        | 5495             | 1.1              | 184      | 29             | 1                             |
| 4                        | 5496             | 4.8              | 203      | 24             | 1                             |
| 5                        | 5497             | 2.4              | 162      | 25             | 1                             |
| 6                        | 5498             | 3.4              | 204      | 28             | 1                             |
| 7                        | 5499             | 2.3              | 170      | 27             | 1                             |
| 8                        | 5500             | 3.5              | 184      | 23             | 1                             |
| 9                        | 5501             | 4.9              | 150      | 27             | 1                             |
| 10                       | 5502             | 4.6              | 211      | 29             | 1                             |
| 11                       | 5503             | 2.9              | 158      | 23             | 1                             |
| 12                       | 5504             | 2.6              | 226      | 27             | 1                             |
| 13                       | 5505             | 1.6              | 204      | 26             | 0                             |
| 14                       | 5506             | 3.9              | 181      | 25             | 1                             |
| 15                       | 5507             | 4.6              | 202      | 24             | 1                             |
| 16                       | 5506             | 4.1              | 194      | 27             | 1                             |
| 17                       | 5505             | 2.3              | 193      | 28             | 0                             |
| 18                       | 5504             | 3.9              | 173      | 29             | 1                             |
| 19                       | 5503             | 4.3              | 188      | 23             | 1                             |
| 20                       | 5509             | 1.5              | 215      | 26             | 1                             |
| 21                       | 5501             | 4.9              | 227      | 27             | 0                             |
| 22                       | 5500             | 1.1              | 199      | 23             | 1                             |
| 23                       | 5499             | 4.5              | 155      | 29             | 1                             |
| 24                       | 5498             | 4.0              | 190      | 27             | 1                             |
| 25                       | 5497             | 2.4              | 151      | 23             | 1                             |
| 26                       | 5496             | 2.5              | 180      | 28             | 1                             |
| 27                       | 5495             | 2.5              | 228      | 23             | 1                             |
| 28                       | 5494             | 2.5              | 203      | 25             | 1                             |
| 29                       | 5493             | 1.5              | 188      | 25             | 1                             |
| 30                       | 5494             | 1.9              | 217      | 24             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 90.000                        |
| Limit                    |                  |                  |          |                | 60%                           |
| <b>Test Result</b>       |                  |                  |          |                | <b>Complied</b>               |



**Type 3 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection ;<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|---------------------------------|
| 1                        | 5493             | 8.0              | 205      | 16             | 1                               |
| 2                        | 5491             | 6.7              | 382      | 18             | 1                               |
| 3                        | 5495             | 8.6              | 418      | 16             | 1                               |
| 4                        | 5496             | 9.4              | 351      | 17             | 1                               |
| 5                        | 5497             | 7.4              | 383      | 18             | 1                               |
| 6                        | 5498             | 9.8              | 232      | 16             | 1                               |
| 7                        | 5499             | 9.1              | 377      | 17             | 1                               |
| 8                        | 5500             | 9.6              | 457      | 16             | 1                               |
| 9                        | 5501             | 8.0              | 471      | 18             | 1                               |
| 10                       | 5502             | 9.0              | 304      | 18             | 0                               |
| 11                       | 5503             | 8.0              | 316      | 17             | 1                               |
| 12                       | 5504             | 9.8              | 325      | 16             | 1                               |
| 13                       | 5505             | 8.0              | 409      | 17             | 1                               |
| 14                       | 5506             | 9.9              | 200      | 17             | 1                               |
| 15                       | 5507             | 8.8              | 458      | 16             | 0                               |
| 16                       | 5506             | 8.0              | 232      | 18             | 1                               |
| 17                       | 5505             | 8.3              | 250      | 16             | 1                               |
| 18                       | 5504             | 8.7              | 270      | 16             | 1                               |
| 19                       | 5503             | 7.7              | 350      | 17             | 1                               |
| 20                       | 5509             | 7.1              | 230      | 16             | 1                               |
| 21                       | 5501             | 7.3              | 416      | 18             | 1                               |
| 22                       | 5500             | 7.6              | 498      | 18             | 1                               |
| 23                       | 5499             | 7.3              | 286      | 17             | 1                               |
| 24                       | 5498             | 7.3              | 287      | 16             | 1                               |
| 25                       | 5497             | 7.5              | 462      | 17             | 1                               |
| 26                       | 5496             | 6.2              | 300      | 17             | 1                               |
| 27                       | 5495             | 6.4              | 323      | 18             | 1                               |
| 28                       | 5494             | 7.1              | 420      | 16             | 1                               |
| 29                       | 5493             | 7.2              | 395      | 18             | 1                               |
| 30                       | 5494             | 8.4              | 377      | 16             | 1                               |
| Detection Percentage (%) |                  |                  |          |                | 93.333                          |
| Limit                    |                  |                  |          |                | 60%                             |
| <b>Test Result</b>       |                  |                  |          |                | <b>Complied</b>                 |

**Type 4 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>Pulses / Burst</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|-------------------------|-----------------|-----------------------|---------------------------------------|
| 1                        | 5493                    | 18.0                    | 242             | 15                    | 1                                     |
| 2                        | 5491                    | 19.9                    | 279             | 12                    | 1                                     |
| 3                        | 5495                    | 12.9                    | 487             | 14                    | 1                                     |
| 4                        | 5496                    | 15.0                    | 452             | 13                    | 1                                     |
| 5                        | 5497                    | 16.3                    | 230             | 12                    | 0                                     |
| 6                        | 5498                    | 19.8                    | 238             | 13                    | 1                                     |
| 7                        | 5499                    | 18.2                    | 420             | 16                    | 0                                     |
| 8                        | 5500                    | 16.3                    | 452             | 15                    | 1                                     |
| 9                        | 5501                    | 14.2                    | 495             | 12                    | 1                                     |
| 10                       | 5502                    | 17.8                    | 228             | 16                    | 1                                     |
| 11                       | 5503                    | 19.1                    | 211             | 16                    | 1                                     |
| 12                       | 5504                    | 18.4                    | 283             | 15                    | 0                                     |
| 13                       | 5505                    | 11.8                    | 411             | 12                    | 1                                     |
| 14                       | 5506                    | 14.2                    | 284             | 13                    | 1                                     |
| 15                       | 5507                    | 13.9                    | 202             | 12                    | 1                                     |
| 16                       | 5506                    | 17.8                    | 340             | 14                    | 0                                     |
| 17                       | 5505                    | 15.6                    | 290             | 16                    | 1                                     |
| 18                       | 5504                    | 14.6                    | 250             | 16                    | 1                                     |
| 19                       | 5503                    | 14.4                    | 484             | 15                    | 1                                     |
| 20                       | 5509                    | 18.9                    | 387             | 13                    | 1                                     |
| 21                       | 5501                    | 11.1                    | 348             | 15                    | 1                                     |
| 22                       | 5500                    | 13.8                    | 291             | 16                    | 1                                     |
| 23                       | 5499                    | 14.3                    | 295             | 12                    | 1                                     |
| 24                       | 5498                    | 12.5                    | 300             | 12                    | 1                                     |
| 25                       | 5497                    | 12.5                    | 322             | 14                    | 1                                     |
| 26                       | 5496                    | 12.5                    | 383             | 13                    | 1                                     |
| 27                       | 5495                    | 15.7                    | 322             | 16                    | 1                                     |
| 28                       | 5494                    | 19.8                    | 469             | 13                    | 1                                     |
| 29                       | 5493                    | 18.6                    | 406             | 15                    | 1                                     |
| 30                       | 5494                    | 15.9                    | 238             | 14                    | 1                                     |
| Detection Percentage (%) |                         |                         |                 |                       | 86.667                                |
| Limit                    |                         |                         |                 |                       | 60%                                   |
| Test Result              |                         |                         |                 |                       | Complied                              |



***Total Type 1~4 Radar Statistical Performance***

| <b>Radar Type #</b>         | <b>Detection Percentage (%)</b> |
|-----------------------------|---------------------------------|
| 1                           | 93.333                          |
| 2                           | 90.000                          |
| 3                           | 93.333                          |
| 4                           | 86.667                          |
| Aggregate (Radar Types 1-4) | 90.833                          |
| Limit                       | 80%                             |
| <b>Test Result</b>          | <b>Complied</b>                 |



**Type 5 Radar Statistical Performance**

| Center Freq. (MHz)       | Low Edge (MHz) | High Edge (MHz) | VSG Freq. (MHz) | Detection       |
|--------------------------|----------------|-----------------|-----------------|-----------------|
| Trial                    | Chirp          | Offset          |                 |                 |
| 1                        | 5              | 0               | 5500            | 1               |
| 2                        | 20             | 0               | 5500            | 1               |
| 3                        | 7              | 0               | 5500            | 1               |
| 4                        | 8              | 0               | 5500            | 1               |
| 5                        | 9              | 0               | 5500            | 1               |
| 6                        | 10             | 0               | 5500            | 1               |
| 7                        | 11             | 0               | 5500            | 1               |
| 8                        | 12             | 0               | 5500            | 1               |
| 9                        | 13             | 0               | 5500            | 1               |
| 10                       | 14             | 0               | 5500            | 1               |
| 11                       | 15             | 6               | 5497            | 1               |
| 12                       | 16             | 6.4             | 5497            | 1               |
| 13                       | 17             | 6.8             | 5498            | 1               |
| 14                       | 20             | 8               | 5499            | 1               |
| 15                       | 19             | 7.6             | 5499            | 1               |
| 16                       | 18             | 7.2             | 5498            | 1               |
| 17                       | 17             | 6.8             | 5498            | 1               |
| 18                       | 16             | 6.4             | 5497            | 1               |
| 19                       | 15             | 6               | 5497            | 1               |
| 20                       | 14             | 5.6             | 5497            | 1               |
| 21                       | 13             | 5.2             | 5504            | 1               |
| 22                       | 12             | 4.8             | 5504            | 1               |
| 23                       | 11             | 4.4             | 5505            | 1               |
| 24                       | 10             | 4               | 5505            | 1               |
| 25                       | 9              | 3.6             | 5505            | 1               |
| 26                       | 8              | 3.2             | 5506            | 1               |
| 27                       | 18             | 7.2             | 5502            | 1               |
| 28                       | 19             | 7.6             | 5501            | 1               |
| 29                       | 20             | 8               | 5501            | 1               |
| 30                       | 5              | 2               | 5507            | 1               |
| Total                    |                |                 |                 | 30              |
| Detection Percentage (%) |                |                 |                 | 100%            |
| Limit                    |                |                 |                 | 80%             |
| <b>Test Result</b>       |                |                 |                 | <b>Complied</b> |



| <b>Trial Number</b>                           |                      |                         | 1                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 8                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5500                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 62.1                    | 5                        | -                                | -                                | 1091                                          |
| 2                                             | 2                    | 56                      | 5                        | 1729                             | -                                | 133                                           |
| 3                                             | 2                    | 91.3                    | 5                        | 1230                             | -                                | 1057                                          |
| 4                                             | 3                    | 50.7                    | 5                        | 1762                             | 1616                             | 1442                                          |
| 5                                             | 2                    | 92.6                    | 5                        | 1723                             | -                                | 544                                           |
| 6                                             | 2                    | 87.3                    | 5                        | 1302                             | -                                | 1089                                          |
| 7                                             | 2                    | 59.5                    | 5                        | 1291                             | -                                | 1374                                          |
| 8                                             | 2                    | 52.2                    | 5                        | 1653                             | -                                | 1237                                          |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 2                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 9                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5500                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 3                    | 90                      | 20                       | 1007                             | 1326                             | 30                                            |
| 2                                             | 2                    | 73.7                    | 20                       | 1785                             | -                                | 979                                           |
| 3                                             | 1                    | 78.1                    | 20                       | -                                | -                                | 683                                           |
| 4                                             | 2                    | 92.4                    | 20                       | 1281                             | -                                | 950                                           |
| 5                                             | 1                    | 61.2                    | 20                       | -                                | -                                | 612                                           |
| 6                                             | 3                    | 67.2                    | 20                       | 1525                             | 1870                             | 17                                            |
| 7                                             | 1                    | 78.5                    | 20                       | -                                | -                                | 429                                           |
| 8                                             | 2                    | 60.3                    | 20                       | 1931                             | -                                | 936                                           |
| 9                                             | 3                    | 92.9                    | 20                       | 1403                             | 1476                             | 548                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 3                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 10                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 3             | 63.4             | 7                 | 1574                      | 1607                      | 801                                    |
| 2                                             | 1             | 98               | 7                 | -                         | -                         | 966                                    |
| 3                                             | 1             | 58.7             | 7                 | -                         | -                         | 185                                    |
| 4                                             | 1             | 88               | 7                 | -                         | -                         | 1012                                   |
| 5                                             | 3             | 79.5             | 7                 | 1562                      | 1370                      | 943                                    |
| 6                                             | 3             | 57.1             | 7                 | 1900                      | 1188                      | 686                                    |
| 7                                             | 2             | 64.4             | 7                 | 1090                      | -                         | 599                                    |
| 8                                             | 1             | 78.7             | 7                 | -                         | -                         | 1089                                   |
| 9                                             | 1             | 69.3             | 7                 | -                         | -                         | 188                                    |
| 10                                            | 3             | 55.3             | 7                 | 1375                      | 1691                      | 933                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 4                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 11                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 74.3             | 8                 | 1642                      | -                         | 24                                     |
| 2                                             | 1             | 83.1             | 8                 | -                         | -                         | 985                                    |
| 3                                             | 2             | 59.5             | 8                 | 1680                      | -                         | 988                                    |
| 4                                             | 2             | 59.8             | 8                 | 1786                      | -                         | 800                                    |
| 5                                             | 2             | 77.6             | 8                 | 1617                      | -                         | 339                                    |
| 6                                             | 2             | 79.9             | 8                 | 1553                      | -                         | 1040                                   |
| 7                                             | 1             | 56               | 8                 | -                         | -                         | 544                                    |
| 8                                             | 3             | 71.4             | 8                 | 1406                      | 1927                      | 452                                    |
| 9                                             | 1             | 97.4             | 8                 | -                         | -                         | 204                                    |
| 10                                            | 2             | 98.3             | 8                 | 1037                      | -                         | 926                                    |
| 11                                            | 1             | 63.6             | 8                 | -                         | -                         | 1052                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 5                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 12                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 50               | 9                 | -                         | -                         | 557                                    |
| 2                                             | 2             | 62.5             | 9                 | 1731                      | -                         | 567                                    |
| 3                                             | 2             | 55.4             | 9                 | 1070                      | -                         | 460                                    |
| 4                                             | 1             | 65.7             | 9                 | -                         | -                         | 4                                      |
| 5                                             | 2             | 58               | 9                 | 1512                      | -                         | 64                                     |
| 6                                             | 2             | 60.9             | 9                 | 1230                      | -                         | 650                                    |
| 7                                             | 3             | 89.6             | 9                 | 1598                      | 1738                      | 235                                    |
| 8                                             | 3             | 84.4             | 9                 | 1271                      | 1617                      | 873                                    |
| 9                                             | 3             | 72.3             | 9                 | 1498                      | 1321                      | 901                                    |
| 10                                            | 1             | 58.9             | 9                 | -                         | -                         | 663                                    |
| 11                                            | 2             | 74.8             | 9                 | 1584                      | -                         | 919                                    |
| 12                                            | 1             | 71.8             | 9                 | -                         | -                         | 375                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 6                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 13                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 88.1             | 10                | 1257                      | -                         | 846                                    |
| 2                                             | 1             | 58.7             | 10                | -                         | -                         | 725                                    |
| 3                                             | 2             | 97.1             | 10                | 1037                      | -                         | 30                                     |
| 4                                             | 3             | 83.1             | 10                | 1029                      | 1106                      | 490                                    |
| 5                                             | 1             | 62.1             | 10                | -                         | -                         | 262                                    |
| 6                                             | 2             | 71.4             | 10                | 1058                      | -                         | 283                                    |
| 7                                             | 2             | 86.3             | 10                | 1867                      | -                         | 49                                     |
| 8                                             | 3             | 77.3             | 10                | 1418                      | 1876                      | 634                                    |
| 9                                             | 1             | 78.9             | 10                | -                         | -                         | 304                                    |
| 10                                            | 3             | 79.2             | 10                | 1055                      | 1572                      | 564                                    |
| 11                                            | 3             | 52               | 10                | 1582                      | 1836                      | 852                                    |
| 12                                            | 3             | 56.5             | 10                | 1195                      | 1542                      | 525                                    |
| 13                                            | 3             | 100              | 10                | 1638                      | 1729                      | 750                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 7                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 14                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 92.7             | 11                | 1208                      | -                         | 231                                    |
| 2                                             | 2             | 81.3             | 11                | 1144                      | -                         | 804                                    |
| 3                                             | 2             | 60.4             | 11                | 1555                      | -                         | 34                                     |
| 4                                             | 2             | 62.1             | 11                | 1320                      | -                         | 427                                    |
| 5                                             | 1             | 50               | 11                | -                         | -                         | 577                                    |
| 6                                             | 3             | 65.9             | 11                | 1020                      | 1365                      | 3                                      |
| 7                                             | 2             | 73.8             | 11                | 1308                      | -                         | 51                                     |
| 8                                             | 2             | 74.3             | 11                | 1143                      | -                         | 360                                    |
| 9                                             | 1             | 62.9             | 11                | -                         | -                         | 394                                    |
| 10                                            | 2             | 74.8             | 11                | 1404                      | -                         | 317                                    |
| 11                                            | 2             | 69.7             | 11                | 1309                      | -                         | 532                                    |
| 12                                            | 2             | 69.8             | 11                | 1688                      | -                         | 339                                    |
| 13                                            | 2             | 77.4             | 11                | 1857                      | -                         | 381                                    |
| 14                                            | 1             | 55.1             | 11                | -                         | -                         | 426                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 8                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 15                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 91.7             | 12                | -                         | -                         | 776                                    |
| 2                                             | 2             | 90               | 12                | 1196                      | -                         | 187                                    |
| 3                                             | 3             | 92.3             | 12                | 1486                      | 1853                      | 448                                    |
| 4                                             | 2             | 66.8             | 12                | 1545                      | -                         | 702                                    |
| 5                                             | 1             | 64               | 12                | -                         | -                         | 403                                    |
| 6                                             | 3             | 95.4             | 12                | 1123                      | 1473                      | 230                                    |
| 7                                             | 3             | 66.8             | 12                | 1867                      | 1401                      | 604                                    |
| 8                                             | 3             | 67.7             | 12                | 1472                      | 1397                      | 38                                     |
| 9                                             | 1             | 68.2             | 12                | -                         | -                         | 735                                    |
| 10                                            | 2             | 82.2             | 12                | 1297                      | -                         | 610                                    |
| 11                                            | 1             | 92.1             | 12                | -                         | -                         | 618                                    |
| 12                                            | 2             | 57               | 12                | 1764                      | -                         | 705                                    |
| 13                                            | 2             | 58.5             | 12                | 1310                      | -                         | 22                                     |
| 14                                            | 3             | 85.5             | 12                | 1630                      | 1447                      | 641                                    |
| 15                                            | 2             | 82.2             | 12                | 1371                      | -                         | 109                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 9                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 16                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5500                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 74.4                    | 13                       | 1707                             | -                                | 442                                           |
| 2                                                    | 2                    | 63.6                    | 13                       | 1725                             | -                                | 280                                           |
| 3                                                    | 2                    | 71.3                    | 13                       | 1704                             | -                                | 459                                           |
| 4                                                    | 3                    | 77.6                    | 13                       | 1063                             | 1405                             | 197                                           |
| 5                                                    | 3                    | 65.2                    | 13                       | 1731                             | 1294                             | 101                                           |
| 6                                                    | 3                    | 55.1                    | 13                       | 1109                             | 1549                             | 17                                            |
| 7                                                    | 2                    | 96.8                    | 13                       | 1034                             | -                                | 131                                           |
| 8                                                    | 3                    | 80.8                    | 13                       | 1533                             | 1051                             | 365                                           |
| 9                                                    | 1                    | 60.4                    | 13                       | -                                | -                                | 222                                           |
| 10                                                   | 2                    | 61.8                    | 13                       | 1312                             | -                                | 371                                           |
| 11                                                   | 2                    | 71.3                    | 13                       | 1657                             | -                                | 33                                            |
| 12                                                   | 2                    | 98.1                    | 13                       | 1024                             | -                                | 291                                           |
| 13                                                   | 1                    | 57.9                    | 13                       | -                                | -                                | 188                                           |
| 14                                                   | 1                    | 91.8                    | 13                       | -                                | -                                | 163                                           |
| 15                                                   | 2                    | 56.7                    | 13                       | 1259                             | -                                | 426                                           |
| 16                                                   | 2                    | 89.7                    | 13                       | 1690                             | -                                | 606                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 10                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 17                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5500                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 74.4                    | 14                       | 1107                             | -                                | 462                                           |
| 2                                                    | 1                    | 87.6                    | 14                       | -                                | -                                | 653                                           |
| 3                                                    | 2                    | 61.7                    | 14                       | 1741                             | -                                | 457                                           |
| 4                                                    | 2                    | 57.5                    | 14                       | 1566                             | -                                | 388                                           |
| 5                                                    | 2                    | 66.1                    | 14                       | 1855                             | -                                | 63                                            |
| 6                                                    | 3                    | 70.1                    | 14                       | 1044                             | 1012                             | 136                                           |
| 7                                                    | 1                    | 66.4                    | 14                       | -                                | -                                | 343                                           |
| 8                                                    | 1                    | 59.2                    | 14                       | -                                | -                                | 349                                           |
| 9                                                    | 2                    | 88.3                    | 14                       | 1240                             | -                                | 362                                           |
| 10                                                   | 1                    | 64.7                    | 14                       | -                                | -                                | 221                                           |
| 11                                                   | 2                    | 73                      | 14                       | 1703                             | -                                | 144                                           |
| 12                                                   | 2                    | 81.7                    | 14                       | 1450                             | -                                | 671                                           |
| 13                                                   | 3                    | 70.1                    | 14                       | 1741                             | 1278                             | 320                                           |
| 14                                                   | 1                    | 63.6                    | 14                       | -                                | -                                | 196                                           |
| 15                                                   | 1                    | 58.7                    | 14                       | -                                | -                                | 413                                           |
| 16                                                   | 2                    | 65.9                    | 14                       | 1478                             | -                                | 170                                           |
| 17                                                   | 1                    | 72.7                    | 14                       | -                                | -                                | 564                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 11                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 72.1                    | 15                       | 1193                             | -                                | 130                                           |
| 2                                                    | 3                    | 76.3                    | 15                       | 1484                             | 1390                             | 114                                           |
| 3                                                    | 1                    | 86.1                    | 15                       | -                                | -                                | 14                                            |
| 4                                                    | 1                    | 73.2                    | 15                       | -                                | -                                | 604                                           |
| 5                                                    | 1                    | 81.2                    | 15                       | -                                | -                                | 548                                           |
| 6                                                    | 2                    | 99.5                    | 15                       | 1398                             | -                                | 173                                           |
| 7                                                    | 1                    | 93.9                    | 15                       | -                                | -                                | 262                                           |
| 8                                                    | 2                    | 75.9                    | 15                       | 1921                             | -                                | 38                                            |
| 9                                                    | 3                    | 79.2                    | 15                       | 1100                             | 1429                             | 84                                            |
| 10                                                   | 3                    | 77                      | 15                       | 1166                             | 1799                             | 610                                           |
| 11                                                   | 1                    | 91.8                    | 15                       | -                                | -                                | 339                                           |
| 12                                                   | 3                    | 56.8                    | 15                       | 1330                             | 1556                             | 580                                           |
| 13                                                   | 2                    | 83.1                    | 15                       | 1556                             | -                                | 295                                           |
| 14                                                   | 2                    | 63                      | 15                       | 1552                             | -                                | 156                                           |
| 15                                                   | 1                    | 65.7                    | 15                       | -                                | -                                | 439                                           |
| 16                                                   | 1                    | 64.5                    | 15                       | -                                | -                                | 188                                           |
| 17                                                   | 1                    | 88.5                    | 15                       | -                                | -                                | 419                                           |
| 18                                                   | 1                    | 60.6                    | 15                       | -                                | -                                | 205                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 12                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 90.5                    | 16                       | 1299                             | -                                | 381                                           |
| 2                                                    | 2                    | 88.4                    | 16                       | 1418                             | -                                | 327                                           |
| 3                                                    | 2                    | 53.7                    | 16                       | 1055                             | -                                | 536                                           |
| 4                                                    | 1                    | 80.5                    | 16                       | -                                | -                                | 285                                           |
| 5                                                    | 1                    | 50.4                    | 16                       | -                                | -                                | 398                                           |
| 6                                                    | 2                    | 61.2                    | 16                       | 1749                             | -                                | 439                                           |
| 7                                                    | 2                    | 78.8                    | 16                       | 1065                             | -                                | 129                                           |
| 8                                                    | 3                    | 75                      | 16                       | 1748                             | 1820                             | 325                                           |
| 9                                                    | 2                    | 96.7                    | 16                       | 1254                             | -                                | 440                                           |
| 10                                                   | 3                    | 76.3                    | 16                       | 1848                             | 1106                             | 397                                           |
| 11                                                   | 1                    | 73.3                    | 16                       | -                                | -                                | 232                                           |
| 12                                                   | 2                    | 92.4                    | 16                       | 1317                             | -                                | 91                                            |
| 13                                                   | 2                    | 92.4                    | 16                       | 1854                             | -                                | 256                                           |
| 14                                                   | 3                    | 64.4                    | 16                       | 1240                             | 1634                             | 582                                           |
| 15                                                   | 2                    | 67.3                    | 16                       | 1473                             | -                                | 117                                           |
| 16                                                   | 2                    | 84.1                    | 16                       | 1795                             | -                                | 202                                           |
| 17                                                   | 1                    | 80.9                    | 16                       | -                                | -                                | 135                                           |
| 18                                                   | 1                    | 74.6                    | 16                       | -                                | -                                | 396                                           |
| 19                                                   | 2                    | 97.6                    | 16                       | 1805                             | -                                | 615                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 13                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 20                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5498              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 66.1             | 17                | 1417                      | -                         | 388                                    |
| 2                                             | 2             | 86.7             | 17                | 1693                      | -                         | 348                                    |
| 3                                             | 2             | 70.5             | 17                | 1263                      | -                         | 215                                    |
| 4                                             | 2             | 78               | 17                | 1446                      | -                         | 28                                     |
| 5                                             | 2             | 66               | 17                | 1185                      | -                         | 585                                    |
| 6                                             | 2             | 80.6             | 17                | 1855                      | -                         | 65                                     |
| 7                                             | 1             | 95.5             | 17                | -                         | -                         | 92                                     |
| 8                                             | 1             | 98.8             | 17                | -                         | -                         | 68                                     |
| 9                                             | 3             | 64.3             | 17                | 1641                      | 1108                      | 517                                    |
| 10                                            | 1             | 75.1             | 17                | -                         | -                         | 121                                    |
| 11                                            | 2             | 72.6             | 17                | 1499                      | -                         | 448                                    |
| 12                                            | 1             | 60.3             | 17                | -                         | -                         | 567                                    |
| 13                                            | 2             | 54.9             | 17                | 1056                      | -                         | 245                                    |
| 14                                            | 2             | 98.8             | 17                | 1023                      | -                         | 584                                    |
| 15                                            | 2             | 60.9             | 17                | 1243                      | -                         | 579                                    |
| 16                                            | 2             | 62.7             | 17                | 1226                      | -                         | 464                                    |
| 17                                            | 1             | 80.1             | 17                | -                         | -                         | 89                                     |
| 18                                            | 2             | 70.9             | 17                | 1711                      | -                         | 153                                    |
| 19                                            | 1             | 90.7             | 17                | -                         | -                         | 282                                    |
| 20                                            | 1             | 98.9             | 17                | -                         | -                         | 71                                     |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 14                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5499              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 67.5             | 20                | 1542                      | -                         | 947                                    |
| 2                                             | 3             | 83.6             | 20                | 1272                      | 1696                      | 124                                    |
| 3                                             | 2             | 93.2             | 20                | 1877                      | -                         | 701                                    |
| 4                                             | 1             | 55.6             | 20                | -                         | -                         | 1123                                   |
| 5                                             | 3             | 84.2             | 20                | 1733                      | 1619                      | 756                                    |
| 6                                             | 3             | 69.1             | 20                | 1612                      | 1071                      | 1                                      |
| 7                                             | 2             | 66.9             | 20                | 1905                      | -                         | 7                                      |
| 8                                             | 3             | 86.8             | 20                | 1697                      | 1621                      | 1082                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 15                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 9                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5499              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 62.2             | 19                | 1571                      | -                         | 949                                    |
| 2                                             | 2             | 85               | 19                | 1669                      | -                         | 189                                    |
| 3                                             | 2             | 64.5             | 19                | 1505                      | -                         | 176                                    |
| 4                                             | 2             | 50.4             | 19                | 1325                      | -                         | 538                                    |
| 5                                             | 2             | 66.1             | 19                | 1483                      | -                         | 908                                    |
| 6                                             | 2             | 71.2             | 19                | 1110                      | -                         | 1017                                   |
| 7                                             | 3             | 53.7             | 19                | 1445                      | 1677                      | 492                                    |
| 8                                             | 3             | 62.5             | 19                | 1596                      | 1341                      | 349                                    |
| 9                                             | 3             | 62               | 19                | 1929                      | 1221                      | 1105                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 16                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 10                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5498              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 80.5             | 18                | 1910                      | -                         | 284                                    |
| 2                                             | 2             | 64.2             | 18                | 1661                      | -                         | 751                                    |
| 3                                             | 2             | 90.1             | 18                | 1041                      | -                         | 491                                    |
| 4                                             | 2             | 69.8             | 18                | 1495                      | -                         | 107                                    |
| 5                                             | 1             | 73.1             | 18                | -                         | -                         | 490                                    |
| 6                                             | 3             | 77.2             | 18                | 1418                      | 1145                      | 1155                                   |
| 7                                             | 3             | 52.6             | 18                | 1732                      | 1787                      | 772                                    |
| 8                                             | 2             | 71.4             | 18                | 1562                      | -                         | 121                                    |
| 9                                             | 2             | 89.8             | 18                | 1491                      | -                         | 89                                     |
| 10                                            | 2             | 76.4             | 18                | 1355                      | -                         | 615                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |                      |                         | 17                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 51.2                    | 17                       | 1236                             | -                                | 740                                           |
| 2                                             | 1                    | 71.7                    | 17                       | -                                | -                                | 941                                           |
| 3                                             | 2                    | 74.7                    | 17                       | 1164                             | -                                | 370                                           |
| 4                                             | 2                    | 50.9                    | 17                       | 1919                             | -                                | 371                                           |
| 5                                             | 2                    | 65.2                    | 17                       | 1206                             | -                                | 1033                                          |
| 6                                             | 2                    | 98                      | 17                       | 1182                             | -                                | 346                                           |
| 7                                             | 2                    | 58.7                    | 17                       | 1612                             | -                                | 639                                           |
| 8                                             | 1                    | 63.8                    | 17                       | -                                | -                                | 1056                                          |
| 9                                             | 3                    | 86.3                    | 17                       | 1545                             | 1065                             | 205                                           |
| 10                                            | 1                    | 94.4                    | 17                       | -                                | -                                | 753                                           |
| 11                                            | 3                    | 88.5                    | 17                       | 1699                             | 1319                             | 58                                            |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 18                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 12                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 88.7                    | 16                       | 1405                             | -                                | 448                                           |
| 2                                             | 3                    | 90.2                    | 16                       | 1544                             | 1235                             | 621                                           |
| 3                                             | 1                    | 96.5                    | 16                       | -                                | -                                | 512                                           |
| 4                                             | 2                    | 80.5                    | 16                       | 1090                             | -                                | 321                                           |
| 5                                             | 2                    | 63.7                    | 16                       | 1268                             | -                                | 798                                           |
| 6                                             | 1                    | 53.4                    | 16                       | -                                | -                                | 809                                           |
| 7                                             | 2                    | 52.3                    | 16                       | 1043                             | -                                | 301                                           |
| 8                                             | 3                    | 54.7                    | 16                       | 1701                             | 1104                             | 796                                           |
| 9                                             | 3                    | 75.6                    | 16                       | 1923                             | 1729                             | 669                                           |
| 10                                            | 2                    | 59.2                    | 16                       | 1244                             | -                                | 369                                           |
| 11                                            | 1                    | 56.3                    | 16                       | -                                | -                                | 51                                            |
| 12                                            | 2                    | 87.8                    | 16                       | 1608                             | -                                | 733                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 19                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 13                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 68.2                    | 15                       | 1104                             | -                                | 229                                           |
| 2                                             | 2                    | 58.4                    | 15                       | 1627                             | -                                | 488                                           |
| 3                                             | 3                    | 74.7                    | 15                       | 1861                             | 1015                             | 137                                           |
| 4                                             | 2                    | 58.2                    | 15                       | 1593                             | -                                | 520                                           |
| 5                                             | 1                    | 51.6                    | 15                       | -                                | -                                | 799                                           |
| 6                                             | 2                    | 94.7                    | 15                       | 1469                             | -                                | 43                                            |
| 7                                             | 2                    | 70.7                    | 15                       | 1091                             | -                                | 126                                           |
| 8                                             | 2                    | 82.9                    | 15                       | 1472                             | -                                | 607                                           |
| 9                                             | 3                    | 62.7                    | 15                       | 1168                             | 1453                             | 527                                           |
| 10                                            | 2                    | 63.1                    | 15                       | 1529                             | -                                | 143                                           |
| 11                                            | 1                    | 96.1                    | 15                       | -                                | -                                | 176                                           |
| 12                                            | 2                    | 57                      | 15                       | 1457                             | -                                | 882                                           |
| 13                                            | 3                    | 95.6                    | 15                       | 1707                             | 1501                             | 214                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 20                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 14                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 95.7                    | 14                       | -                                | -                                | 117                                           |
| 2                                             | 1                    | 93.1                    | 14                       | -                                | -                                | 720                                           |
| 3                                             | 1                    | 55.8                    | 14                       | -                                | -                                | 297                                           |
| 4                                             | 1                    | 76.7                    | 14                       | -                                | -                                | 284                                           |
| 5                                             | 2                    | 68                      | 14                       | 1686                             | -                                | 472                                           |
| 6                                             | 3                    | 94.1                    | 14                       | 1796                             | 1393                             | 264                                           |
| 7                                             | 2                    | 53.9                    | 14                       | 1293                             | -                                | 525                                           |
| 8                                             | 1                    | 99.3                    | 14                       | -                                | -                                | 155                                           |
| 9                                             | 2                    | 73.3                    | 14                       | 1458                             | -                                | 65                                            |
| 10                                            | 2                    | 93.3                    | 14                       | 1196                             | -                                | 451                                           |
| 11                                            | 3                    | 55.8                    | 14                       | 1895                             | 1034                             | 243                                           |
| 12                                            | 1                    | 66.4                    | 14                       | -                                | -                                | 228                                           |
| 13                                            | 2                    | 65.6                    | 14                       | 1732                             | -                                | 746                                           |
| 14                                            | 2                    | 76.5                    | 14                       | 1187                             | -                                | 522                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 21                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 15                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5504                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 85.1                    | 13                       | -                                | -                                | 565                                           |
| 2                                             | 2                    | 72.5                    | 13                       | 1648                             | -                                | 211                                           |
| 3                                             | 1                    | 67.5                    | 13                       | -                                | -                                | 348                                           |
| 4                                             | 2                    | 56.1                    | 13                       | 1360                             | -                                | 156                                           |
| 5                                             | 1                    | 71.1                    | 13                       | -                                | -                                | 718                                           |
| 6                                             | 2                    | 93.1                    | 13                       | 1391                             | -                                | 400                                           |
| 7                                             | 1                    | 56.5                    | 13                       | -                                | -                                | 482                                           |
| 8                                             | 1                    | 63.8                    | 13                       | -                                | -                                | 703                                           |
| 9                                             | 2                    | 67.4                    | 13                       | 1727                             | -                                | 780                                           |
| 10                                            | 1                    | 52.3                    | 13                       | -                                | -                                | 102                                           |
| 11                                            | 3                    | 62.4                    | 13                       | 1228                             | 1715                             | 304                                           |
| 12                                            | 2                    | 53.3                    | 13                       | 1630                             | -                                | 57                                            |
| 13                                            | 2                    | 83.1                    | 13                       | 1205                             | -                                | 768                                           |
| 14                                            | 2                    | 93.7                    | 13                       | 1085                             | -                                | 461                                           |
| 15                                            | 2                    | 90.7                    | 13                       | 1297                             | -                                | 746                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 22                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 16                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5504                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 98.8                    | 12                       | 1439                             | -                                | 95                                            |
| 2                                             | 1                    | 54.5                    | 12                       | -                                | -                                | 676                                           |
| 3                                             | 2                    | 80.5                    | 12                       | 1360                             | -                                | 8                                             |
| 4                                             | 2                    | 55.9                    | 12                       | 1906                             | -                                | 373                                           |
| 5                                             | 2                    | 72.1                    | 12                       | 1623                             | -                                | 254                                           |
| 6                                             | 2                    | 84.4                    | 12                       | 1604                             | -                                | 480                                           |
| 7                                             | 1                    | 78.5                    | 12                       | -                                | -                                | 663                                           |
| 8                                             | 1                    | 88                      | 12                       | -                                | -                                | 314                                           |
| 9                                             | 2                    | 74.7                    | 12                       | 1157                             | -                                | 596                                           |
| 10                                            | 2                    | 97.1                    | 12                       | 1673                             | -                                | 264                                           |
| 11                                            | 1                    | 81.6                    | 12                       | -                                | -                                | 740                                           |
| 12                                            | 1                    | 83.6                    | 12                       | -                                | -                                | 163                                           |
| 13                                            | 3                    | 87.6                    | 12                       | 1757                             | 1322                             | 628                                           |
| 14                                            | 2                    | 58.5                    | 12                       | 1372                             | -                                | 132                                           |
| 15                                            | 3                    | 91.8                    | 12                       | 1767                             | 1183                             | 106                                           |
| 16                                            | 2                    | 58.8                    | 12                       | 1432                             | -                                | 659                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 23                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 17                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5505                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 96                      | 11                       | -                                | -                                | 284                                           |
| 2                                                    | 2                    | 92.5                    | 11                       | 1241                             | -                                | 488                                           |
| 3                                                    | 2                    | 89.5                    | 11                       | 1347                             | -                                | 76                                            |
| 4                                                    | 2                    | 74.8                    | 11                       | 1607                             | -                                | 688                                           |
| 5                                                    | 2                    | 60.6                    | 11                       | 1523                             | -                                | 28                                            |
| 6                                                    | 2                    | 71.5                    | 11                       | 1659                             | -                                | 383                                           |
| 7                                                    | 2                    | 71.1                    | 11                       | 1454                             | -                                | 182                                           |
| 8                                                    | 1                    | 98.7                    | 11                       | -                                | -                                | 20                                            |
| 9                                                    | 2                    | 85.1                    | 11                       | 1770                             | -                                | 576                                           |
| 10                                                   | 2                    | 89.2                    | 11                       | 1086                             | -                                | 410                                           |
| 11                                                   | 2                    | 60.7                    | 11                       | 1101                             | -                                | 458                                           |
| 12                                                   | 2                    | 75.2                    | 11                       | 1719                             | -                                | 348                                           |
| 13                                                   | 2                    | 75.7                    | 11                       | 1799                             | -                                | 481                                           |
| 14                                                   | 3                    | 56.7                    | 11                       | 1132                             | 1884                             | 587                                           |
| 15                                                   | 2                    | 65                      | 11                       | 1885                             | -                                | 480                                           |
| 16                                                   | 2                    | 64.6                    | 11                       | 1910                             | -                                | 195                                           |
| 17                                                   | 3                    | 69.9                    | 11                       | 1410                             | 1190                             | 396                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 24                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5505                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 83.8                    | 10                       | 1290                             | 1021                             | 536                                           |
| 2                                                    | 2                    | 66.9                    | 10                       | 1112                             | -                                | 44                                            |
| 3                                                    | 3                    | 91                      | 10                       | 1220                             | 1504                             | 611                                           |
| 4                                                    | 2                    | 86.1                    | 10                       | 1678                             | -                                | 456                                           |
| 5                                                    | 3                    | 65.5                    | 10                       | 1928                             | 1222                             | 330                                           |
| 6                                                    | 1                    | 62.6                    | 10                       | -                                | -                                | 297                                           |
| 7                                                    | 3                    | 68.7                    | 10                       | 1505                             | 1200                             | 351                                           |
| 8                                                    | 3                    | 59.2                    | 10                       | 1452                             | 1114                             | 230                                           |
| 9                                                    | 1                    | 73.9                    | 10                       | -                                | -                                | 222                                           |
| 10                                                   | 1                    | 77.2                    | 10                       | -                                | -                                | 57                                            |
| 11                                                   | 2                    | 96.4                    | 10                       | 1357                             | -                                | 399                                           |
| 12                                                   | 2                    | 99.9                    | 10                       | 1173                             | -                                | 299                                           |
| 13                                                   | 2                    | 99.9                    | 10                       | 1520                             | -                                | 464                                           |
| 14                                                   | 1                    | 86.7                    | 10                       | -                                | -                                | 294                                           |
| 15                                                   | 1                    | 92.6                    | 10                       | -                                | -                                | 653                                           |
| 16                                                   | 1                    | 77.1                    | 10                       | -                                | -                                | 550                                           |
| 17                                                   | 2                    | 81.1                    | 10                       | 1664                             | -                                | 566                                           |
| 18                                                   | 3                    | 68.4                    | 10                       | 1536                             | 1309                             | 580                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 25                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5505                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 68.2                    | 9                        | 1723                             | 1868                             | 471                                           |
| 2                                                    | 3                    | 83.7                    | 9                        | 1711                             | 1405                             | 368                                           |
| 3                                                    | 2                    | 69.7                    | 9                        | 1781                             | -                                | 425                                           |
| 4                                                    | 1                    | 59.7                    | 9                        | -                                | -                                | 440                                           |
| 5                                                    | 2                    | 96.7                    | 9                        | 1484                             | -                                | 123                                           |
| 6                                                    | 2                    | 95.8                    | 9                        | 1319                             | -                                | 261                                           |
| 7                                                    | 3                    | 71.3                    | 9                        | 1095                             | 1354                             | 332                                           |
| 8                                                    | 3                    | 53.2                    | 9                        | 1527                             | 1427                             | 427                                           |
| 9                                                    | 2                    | 69.5                    | 9                        | 1771                             | -                                | 397                                           |
| 10                                                   | 3                    | 63.9                    | 9                        | 1075                             | 1447                             | 67                                            |
| 11                                                   | 2                    | 93.4                    | 9                        | 1783                             | -                                | 174                                           |
| 12                                                   | 2                    | 77.3                    | 9                        | 1564                             | -                                | 17                                            |
| 13                                                   | 2                    | 73.1                    | 9                        | 1294                             | -                                | 216                                           |
| 14                                                   | 1                    | 77.4                    | 9                        | -                                | -                                | 292                                           |
| 15                                                   | 3                    | 57.2                    | 9                        | 1722                             | 1886                             | 619                                           |
| 16                                                   | 2                    | 68.7                    | 9                        | 1629                             | -                                | 233                                           |
| 17                                                   | 1                    | 60.8                    | 9                        | -                                | -                                | 226                                           |
| 18                                                   | 3                    | 69.7                    | 9                        | 1128                             | 1224                             | 599                                           |
| 19                                                   | 1                    | 62.2                    | 9                        | -                                | -                                | 433                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 26                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 20                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5506              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 80.5             | 8                 | -                         | -                         | 90                                     |
| 2                                             | 3             | 62.6             | 8                 | 1406                      | 1343                      | 319                                    |
| 3                                             | 3             | 85.6             | 8                 | 1190                      | 1529                      | 384                                    |
| 4                                             | 2             | 83.9             | 8                 | 1208                      | -                         | 567                                    |
| 5                                             | 2             | 92.4             | 8                 | 1488                      | -                         | 234                                    |
| 6                                             | 2             | 54               | 8                 | 1529                      | -                         | 535                                    |
| 7                                             | 3             | 81.3             | 8                 | 1501                      | 1812                      | 325                                    |
| 8                                             | 1             | 98.5             | 8                 | -                         | -                         | 532                                    |
| 9                                             | 1             | 85.8             | 8                 | -                         | -                         | 272                                    |
| 10                                            | 2             | 84.7             | 8                 | 1593                      | -                         | 182                                    |
| 11                                            | 2             | 83.3             | 8                 | 1705                      | -                         | 134                                    |
| 12                                            | 2             | 79.8             | 8                 | 1567                      | -                         | 286                                    |
| 13                                            | 1             | 77.9             | 8                 | -                         | -                         | 368                                    |
| 14                                            | 3             | 98.4             | 8                 | 1510                      | 1569                      | 290                                    |
| 15                                            | 2             | 79.9             | 8                 | 1588                      | -                         | 231                                    |
| 16                                            | 3             | 78               | 8                 | 1140                      | 1353                      | 353                                    |
| 17                                            | 3             | 55.2             | 8                 | 1700                      | 1327                      | 53                                     |
| 18                                            | 3             | 71.9             | 8                 | 1081                      | 1224                      | 44                                     |
| 19                                            | 1             | 62               | 8                 | -                         | -                         | 298                                    |
| 20                                            | 3             | 70.5             | 8                 | 1888                      | 1442                      | 529                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 27                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5502              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 69.1             | 18                | 1076                      | -                         | 1436                                   |
| 2                                             | 2             | 62.1             | 18                | 1688                      | -                         | 22                                     |
| 3                                             | 2             | 94.8             | 18                | 1891                      | -                         | 897                                    |
| 4                                             | 1             | 75.8             | 18                | -                         | -                         | 1186                                   |
| 5                                             | 2             | 65.4             | 18                | 1713                      | -                         | 589                                    |
| 6                                             | 2             | 97.7             | 18                | 1292                      | -                         | 614                                    |
| 7                                             | 3             | 98.1             | 18                | 1670                      | 1711                      | 506                                    |
| 8                                             | 2             | 85.4             | 18                | 1672                      | -                         | 776                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 28                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 9                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5501                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 82                      | 19                       | 1233                             | 1713                             | 679                                           |
| 2                                                    | 3                    | 87.7                    | 19                       | 1554                             | 1123                             | 473                                           |
| 3                                                    | 2                    | 98.9                    | 19                       | 1518                             | -                                | 869                                           |
| 4                                                    | 1                    | 55                      | 19                       | -                                | -                                | 719                                           |
| 5                                                    | 1                    | 93.6                    | 19                       | -                                | -                                | 902                                           |
| 6                                                    | 2                    | 58.7                    | 19                       | 1641                             | -                                | 1243                                          |
| 7                                                    | 2                    | 88.7                    | 19                       | 1387                             | -                                | 410                                           |
| 8                                                    | 1                    | 60.3                    | 19                       | -                                | -                                | 1154                                          |
| 9                                                    | 1                    | 97.7                    | 19                       | -                                | -                                | 512                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 29                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 10                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5501                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 69.6                    | 20                       | -                                | -                                | 1131                                          |
| 2                                                    | 1                    | 74.5                    | 20                       | -                                | -                                | 290                                           |
| 3                                                    | 1                    | 60.9                    | 20                       | -                                | -                                | 895                                           |
| 4                                                    | 1                    | 74.6                    | 20                       | -                                | -                                | 202                                           |
| 5                                                    | 2                    | 99.3                    | 20                       | 1501                             | -                                | 139                                           |
| 6                                                    | 2                    | 95.3                    | 20                       | 1065                             | -                                | 854                                           |
| 7                                                    | 2                    | 91.9                    | 20                       | 1722                             | -                                | 219                                           |
| 8                                                    | 2                    | 51                      | 20                       | 1285                             | -                                | 57                                            |
| 9                                                    | 2                    | 87.7                    | 20                       | 1747                             | -                                | 141                                           |
| 10                                                   | 1                    | 87.2                    | 20                       | -                                | -                                | 596                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 30                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5507                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 3                    | 59.9                    | 5                        | 1901                             | 1196                             | 935                                           |
| 2                                             | 2                    | 77.1                    | 5                        | 1590                             | -                                | 1038                                          |
| 3                                             | 2                    | 62.7                    | 5                        | 1227                             | -                                | 690                                           |
| 4                                             | 1                    | 77.1                    | 5                        | -                                | -                                | 547                                           |
| 5                                             | 3                    | 99.8                    | 5                        | 1798                             | 1790                             | 551                                           |
| 6                                             | 2                    | 61.5                    | 5                        | 1135                             | -                                | 876                                           |
| 7                                             | 2                    | 77.5                    | 5                        | 1583                             | -                                | 448                                           |
| 8                                             | 2                    | 57.3                    | 5                        | 1890                             | -                                | 736                                           |
| 9                                             | 2                    | 53.5                    | 5                        | 1757                             | -                                | 362                                           |
| 10                                            | 1                    | 66.6                    | 5                        | -                                | -                                | 836                                           |
| 11                                            | 3                    | 80.7                    | 5                        | 1811                             | 1289                             | 410                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

**Type 6 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulses / Hop</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|---------------------|-------------------------|-----------------|---------------------------------------|
| 1                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 2                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 3                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 4                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 5                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 6                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 7                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 8                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 9                        | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 10                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 11                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 12                       | 5500                    | 9                   | 1                       | 333             | 0                                     |
| 13                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 14                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 15                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 16                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 17                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 18                       | 5500                    | 9                   | 1                       | 333             | 0                                     |
| 19                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 20                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 21                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 22                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 23                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 24                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 25                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 26                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 27                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 28                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 29                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| 30                       | 5500                    | 9                   | 1                       | 333             | 1                                     |
| Detection Percentage (%) |                         |                     |                         |                 | 93.333                                |
| Limit                    |                         |                     |                         |                 | 70%                                   |
| <b>Test Result</b>       |                         |                     |                         |                 | <b>Complied</b>                       |



**Modulation Mode: 802.11ac (VHT40)**

**Type 1 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Repetition<br>Frequency Number | Pulse Repetition<br>Frequency<br>(Pulse Per Second) | PRI (us) | 1=Detection<br>0=No Detection |
|--------------------------|------------------|--------------------------------------|-----------------------------------------------------|----------|-------------------------------|
| 1                        | 5496             | 1                                    | 1930.5                                              | 518      | 1                             |
| 2                        | 5497             | 23                                   | 326.2                                               | 3066     | 1                             |
| 3                        | 5498             | 19                                   | 1139.0                                              | 878      | 1                             |
| 4                        | 5499             | 12                                   | 1355.0                                              | 738      | 1                             |
| 5                        | 5500             | 4                                    | 1730.1                                              | 578      | 1                             |
| 6                        | 5501             | 8                                    | 1519.8                                              | 658      | 1                             |
| 7                        | 5502             | 15                                   | 1253.1                                              | 798      | 1                             |
| 8                        | 5503             | 6                                    | 1618.1                                              | 618      | 0                             |
| 9                        | 5504             | 14                                   | 1285.3                                              | 778      | 1                             |
| 10                       | 5505             | 3                                    | 1792.1                                              | 558      | 1                             |
| 11                       | 5506             | 13                                   | 1319.3                                              | 758      | 1                             |
| 12                       | 5507             | 9                                    | 1474.9                                              | 678      | 1                             |
| 13                       | 5508             | 7                                    | 1567.4                                              | 638      | 1                             |
| 14                       | 5509             | 17                                   | 1193.3                                              | 838      | 1                             |
| 15                       | 5510             | 10                                   | 1432.7                                              | 698      | 1                             |
| 16                       | 5511             | -                                    | 1692.0                                              | 591      | 0                             |
| 17                       | 5512             | -                                    | 328.1                                               | 3048     | 1                             |
| 18                       | 5513             | -                                    | 373.4                                               | 2678     | 1                             |
| 19                       | 5514             | -                                    | 574.4                                               | 1741     | 1                             |
| 20                       | 5515             | -                                    | 1216.5                                              | 822      | 1                             |
| 21                       | 5516             | -                                    | 801.3                                               | 1248     | 1                             |
| 22                       | 5517             | -                                    | 488.5                                               | 2047     | 1                             |
| 23                       | 5518             | -                                    | 956.0                                               | 1046     | 0                             |
| 24                       | 5519             | -                                    | 517.6                                               | 1932     | 1                             |
| 25                       | 5520             | -                                    | 1422.5                                              | 703      | 1                             |
| 26                       | 5521             | -                                    | 542.0                                               | 1845     | 1                             |
| 27                       | 5522             | -                                    | 741.3                                               | 1349     | 1                             |
| 28                       | 5523             | -                                    | 881.8                                               | 1134     | 1                             |
| 29                       | 5524             | -                                    | 427.4                                               | 2340     | 1                             |
| 30                       | 5525             | -                                    | 628.9                                               | 1590     | 1                             |
| Detection Percentage (%) |                  |                                      |                                                     |          | 90.000                        |
| Limit                    |                  |                                      |                                                     |          | 60%                           |
| <b>Test Result</b>       |                  |                                      |                                                     |          | <b>Complied</b>               |



**Type 2 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5496             | 2.6              | 221      | 23             | 1                             |
| 2                        | 5497             | 4.6              | 198      | 27             | 1                             |
| 3                        | 5498             | 1.1              | 184      | 29             | 0                             |
| 4                        | 5499             | 4.8              | 203      | 24             | 1                             |
| 5                        | 5500             | 2.4              | 162      | 25             | 1                             |
| 6                        | 5501             | 3.4              | 204      | 28             | 0                             |
| 7                        | 5502             | 2.3              | 170      | 27             | 1                             |
| 8                        | 5503             | 3.5              | 184      | 23             | 1                             |
| 9                        | 5504             | 4.9              | 150      | 27             | 1                             |
| 10                       | 5505             | 4.6              | 211      | 29             | 1                             |
| 11                       | 5506             | 2.9              | 158      | 23             | 1                             |
| 12                       | 5507             | 2.6              | 226      | 27             | 0                             |
| 13                       | 5508             | 1.6              | 204      | 26             | 1                             |
| 14                       | 5509             | 3.9              | 181      | 25             | 0                             |
| 15                       | 5510             | 4.6              | 202      | 24             | 1                             |
| 16                       | 5511             | 4.1              | 194      | 27             | 1                             |
| 17                       | 5512             | 2.3              | 193      | 28             | 1                             |
| 18                       | 5513             | 3.9              | 173      | 29             | 0                             |
| 19                       | 5514             | 4.3              | 188      | 23             | 0                             |
| 20                       | 5515             | 1.5              | 215      | 26             | 1                             |
| 21                       | 5516             | 4.9              | 227      | 27             | 0                             |
| 22                       | 5517             | 1.1              | 199      | 23             | 0                             |
| 23                       | 5518             | 4.5              | 155      | 29             | 1                             |
| 24                       | 5519             | 4.0              | 190      | 27             | 1                             |
| 25                       | 5520             | 2.4              | 151      | 23             | 1                             |
| 26                       | 5521             | 2.5              | 180      | 28             | 0                             |
| 27                       | 5522             | 2.5              | 228      | 23             | 1                             |
| 28                       | 5523             | 2.5              | 203      | 25             | 1                             |
| 29                       | 5524             | 1.5              | 188      | 25             | 1                             |
| 30                       | 5525             | 1.9              | 217      | 24             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 70.000                        |
| Limit                    |                  |                  |          |                | 60%                           |
| <b>Test Result</b>       |                  |                  |          |                | <b>Complied</b>               |



**Type 3 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5496             | 8.0              | 205      | 16             | 0                             |
| 2                        | 5497             | 6.7              | 382      | 18             | 1                             |
| 3                        | 5498             | 8.6              | 418      | 16             | 0                             |
| 4                        | 5499             | 9.4              | 351      | 17             | 1                             |
| 5                        | 5500             | 7.4              | 383      | 18             | 1                             |
| 6                        | 5501             | 9.8              | 232      | 16             | 1                             |
| 7                        | 5502             | 9.1              | 377      | 17             | 1                             |
| 8                        | 5503             | 9.6              | 457      | 16             | 1                             |
| 9                        | 5504             | 8.0              | 471      | 18             | 1                             |
| 10                       | 5505             | 9.0              | 304      | 18             | 1                             |
| 11                       | 5506             | 8.0              | 316      | 17             | 1                             |
| 12                       | 5507             | 9.8              | 325      | 16             | 1                             |
| 13                       | 5508             | 8.0              | 409      | 17             | 1                             |
| 14                       | 5509             | 9.9              | 200      | 17             | 0                             |
| 15                       | 5510             | 8.8              | 458      | 16             | 1                             |
| 16                       | 5511             | 8.0              | 232      | 18             | 1                             |
| 17                       | 5512             | 8.3              | 250      | 16             | 0                             |
| 18                       | 5529             | 8.7              | 270      | 16             | 1                             |
| 19                       | 5514             | 7.7              | 350      | 17             | 1                             |
| 20                       | 5515             | 7.1              | 230      | 16             | 0                             |
| 21                       | 5516             | 7.3              | 416      | 18             | 1                             |
| 22                       | 5517             | 7.6              | 498      | 18             | 0                             |
| 23                       | 5492             | 7.3              | 286      | 17             | 1                             |
| 24                       | 5519             | 7.3              | 287      | 16             | 1                             |
| 25                       | 5520             | 7.5              | 462      | 17             | 1                             |
| 26                       | 5521             | 6.2              | 300      | 17             | 1                             |
| 27                       | 5522             | 6.4              | 323      | 18             | 0                             |
| 28                       | 5523             | 7.1              | 420      | 16             | 1                             |
| 29                       | 5524             | 7.2              | 395      | 18             | 1                             |
| 30                       | 5525             | 8.4              | 377      | 16             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 76.667                        |
| Limit                    |                  |                  |          |                | 60%                           |
| <b>Test Result</b>       |                  |                  |          |                | <b>Complied</b>               |



**Type 4 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>Pulses / Burst</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|-------------------------|-----------------|-----------------------|---------------------------------------|
| 1                        | 5496                    | 18.0                    | 242             | 15                    | 1                                     |
| 2                        | 5497                    | 19.9                    | 279             | 12                    | 1                                     |
| 3                        | 5498                    | 12.9                    | 487             | 14                    | 0                                     |
| 4                        | 5499                    | 15.0                    | 452             | 13                    | 1                                     |
| 5                        | 5500                    | 16.3                    | 230             | 12                    | 0                                     |
| 6                        | 5501                    | 19.8                    | 238             | 13                    | 1                                     |
| 7                        | 5502                    | 18.2                    | 420             | 16                    | 1                                     |
| 8                        | 5529                    | 16.3                    | 452             | 15                    | 1                                     |
| 9                        | 5504                    | 14.2                    | 495             | 12                    | 1                                     |
| 10                       | 5505                    | 17.8                    | 228             | 16                    | 0                                     |
| 11                       | 5506                    | 19.1                    | 211             | 16                    | 1                                     |
| 12                       | 5507                    | 18.4                    | 283             | 15                    | 0                                     |
| 13                       | 5508                    | 11.8                    | 411             | 12                    | 1                                     |
| 14                       | 5509                    | 14.2                    | 284             | 13                    | 1                                     |
| 15                       | 5510                    | 13.9                    | 202             | 12                    | 1                                     |
| 16                       | 5511                    | 17.8                    | 340             | 14                    | 1                                     |
| 17                       | 5512                    | 15.6                    | 290             | 16                    | 1                                     |
| 18                       | 5513                    | 14.6                    | 250             | 16                    | 1                                     |
| 19                       | 5514                    | 14.4                    | 484             | 15                    | 1                                     |
| 20                       | 5515                    | 18.9                    | 387             | 13                    | 1                                     |
| 21                       | 5516                    | 11.1                    | 348             | 15                    | 1                                     |
| 22                       | 5517                    | 13.8                    | 291             | 16                    | 0                                     |
| 23                       | 5518                    | 14.3                    | 295             | 12                    | 1                                     |
| 24                       | 5519                    | 12.5                    | 300             | 12                    | 1                                     |
| 25                       | 5520                    | 12.5                    | 322             | 14                    | 1                                     |
| 26                       | 5521                    | 12.5                    | 383             | 13                    | 1                                     |
| 27                       | 5522                    | 15.7                    | 322             | 16                    | 1                                     |
| 28                       | 5523                    | 19.8                    | 469             | 13                    | 1                                     |
| 29                       | 5524                    | 18.6                    | 406             | 15                    | 1                                     |
| 30                       | 5492                    | 15.9                    | 238             | 14                    | 1                                     |
| Detection Percentage (%) |                         |                         |                 |                       | 83.333                                |
| Limit                    |                         |                         |                 |                       | 60%                                   |
| <b>Test Result</b>       |                         |                         |                 |                       | <b>Complied</b>                       |



**Total Type 1~4 Radar Statistical Performance**

| <b>Radar Type #</b>         | <b>Detection Percentage (%)</b> |
|-----------------------------|---------------------------------|
| 1                           | 90.000                          |
| 2                           | 70.000                          |
| 3                           | 76.667                          |
| 4                           | 83.333                          |
| Aggregate (Radar Types 1-4) | 80.000                          |
| Limit                       | 80%                             |
| <b>Test Result</b>          | <b>Complied</b>                 |



**Type 5 Radar Statistical Performance**

| Center Freq. (MHz)       | Low Edge (MHz) | High Edge (MHz) | VSG Freq. (MHz) | Detection       |
|--------------------------|----------------|-----------------|-----------------|-----------------|
| Trial                    | Chirp          | Offset          |                 |                 |
| 1                        | 5              | 0               | 5510            | 1               |
| 2                        | 20             | 0               | 5510            | 1               |
| 3                        | 7              | 0               | 5510            | 1               |
| 4                        | 8              | 0               | 5510            | 1               |
| 5                        | 9              | 0               | 5510            | 1               |
| 6                        | 10             | 0               | 5510            | 1               |
| 7                        | 11             | 0               | 5510            | 1               |
| 8                        | 12             | 0               | 5510            | 1               |
| 9                        | 13             | 0               | 5510            | 1               |
| 10                       | 14             | 0               | 5510            | 1               |
| 11                       | 15             | 6               | 5497            | 1               |
| 12                       | 16             | 6.4             | 5497            | 1               |
| 13                       | 17             | 6.8             | 5498            | 1               |
| 14                       | 20             | 8               | 5499            | 1               |
| 15                       | 19             | 7.6             | 5499            | 1               |
| 16                       | 18             | 7.2             | 5498            | 1               |
| 17                       | 17             | 6.8             | 5498            | 1               |
| 18                       | 16             | 6.4             | 5497            | 1               |
| 19                       | 15             | 6               | 5497            | 1               |
| 20                       | 14             | 5.6             | 5497            | 1               |
| 21                       | 13             | 5.2             | 5524            | 1               |
| 22                       | 12             | 4.8             | 5524            | 1               |
| 23                       | 11             | 4.4             | 5525            | 1               |
| 24                       | 10             | 4               | 5525            | 1               |
| 25                       | 9              | 3.6             | 5525            | 1               |
| 26                       | 8              | 3.2             | 5526            | 1               |
| 27                       | 18             | 7.2             | 5522            | 1               |
| 28                       | 19             | 7.6             | 5521            | 1               |
| 29                       | 20             | 8               | 5521            | 1               |
| 30                       | 5              | 2               | 5527            | 1               |
| Total                    |                |                 |                 | 30              |
| Detection Percentage (%) |                |                 |                 | 100%            |
| Limit                    |                |                 |                 | 80%             |
| <b>Test Result</b>       |                |                 |                 | <b>Complied</b> |



| <b>Trial Number</b>                           |               |                  | 1                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 62.1             | 5                 | -                         | -                         | 1091                                   |
| 2                                             | 2             | 56               | 5                 | 1729                      | -                         | 133                                    |
| 3                                             | 2             | 91.3             | 5                 | 1230                      | -                         | 1057                                   |
| 4                                             | 3             | 50.7             | 5                 | 1762                      | 1616                      | 1442                                   |
| 5                                             | 2             | 92.6             | 5                 | 1723                      | -                         | 544                                    |
| 6                                             | 2             | 87.3             | 5                 | 1302                      | -                         | 1089                                   |
| 7                                             | 2             | 59.5             | 5                 | 1291                      | -                         | 1374                                   |
| 8                                             | 2             | 52.2             | 5                 | 1653                      | -                         | 1237                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 2                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 9                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 3             | 90               | 20                | 1007                      | 1326                      | 30                                     |
| 2                                             | 2             | 73.7             | 20                | 1785                      | -                         | 979                                    |
| 3                                             | 1             | 78.1             | 20                | -                         | -                         | 683                                    |
| 4                                             | 2             | 92.4             | 20                | 1281                      | -                         | 950                                    |
| 5                                             | 1             | 61.2             | 20                | -                         | -                         | 612                                    |
| 6                                             | 3             | 67.2             | 20                | 1525                      | 1870                      | 17                                     |
| 7                                             | 1             | 78.5             | 20                | -                         | -                         | 429                                    |
| 8                                             | 2             | 60.3             | 20                | 1931                      | -                         | 936                                    |
| 9                                             | 3             | 92.9             | 20                | 1403                      | 1476                      | 548                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 3                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 10                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5510                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 63.4                    | 7                        | 1574                             | 1607                             | 801                                           |
| 2                                                    | 1                    | 98                      | 7                        | -                                | -                                | 966                                           |
| 3                                                    | 1                    | 58.7                    | 7                        | -                                | -                                | 185                                           |
| 4                                                    | 1                    | 88                      | 7                        | -                                | -                                | 1012                                          |
| 5                                                    | 3                    | 79.5                    | 7                        | 1562                             | 1370                             | 943                                           |
| 6                                                    | 3                    | 57.1                    | 7                        | 1900                             | 1188                             | 686                                           |
| 7                                                    | 2                    | 64.4                    | 7                        | 1090                             | -                                | 599                                           |
| 8                                                    | 1                    | 78.7                    | 7                        | -                                | -                                | 1089                                          |
| 9                                                    | 1                    | 69.3                    | 7                        | -                                | -                                | 188                                           |
| 10                                                   | 3                    | 55.3                    | 7                        | 1375                             | 1691                             | 933                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 4                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5510                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 74.3                    | 8                        | 1642                             | -                                | 24                                            |
| 2                                                    | 1                    | 83.1                    | 8                        | -                                | -                                | 985                                           |
| 3                                                    | 2                    | 59.5                    | 8                        | 1680                             | -                                | 988                                           |
| 4                                                    | 2                    | 59.8                    | 8                        | 1786                             | -                                | 800                                           |
| 5                                                    | 2                    | 77.6                    | 8                        | 1617                             | -                                | 339                                           |
| 6                                                    | 2                    | 79.9                    | 8                        | 1553                             | -                                | 1040                                          |
| 7                                                    | 1                    | 56                      | 8                        | -                                | -                                | 544                                           |
| 8                                                    | 3                    | 71.4                    | 8                        | 1406                             | 1927                             | 452                                           |
| 9                                                    | 1                    | 97.4                    | 8                        | -                                | -                                | 204                                           |
| 10                                                   | 2                    | 98.3                    | 8                        | 1037                             | -                                | 926                                           |
| 11                                                   | 1                    | 63.6                    | 8                        | -                                | -                                | 1052                                          |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 5                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 12                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5510                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 50                      | 9                        | -                                | -                                | 557                                           |
| 2                                             | 2                    | 62.5                    | 9                        | 1731                             | -                                | 567                                           |
| 3                                             | 2                    | 55.4                    | 9                        | 1070                             | -                                | 460                                           |
| 4                                             | 1                    | 65.7                    | 9                        | -                                | -                                | 4                                             |
| 5                                             | 2                    | 58                      | 9                        | 1512                             | -                                | 64                                            |
| 6                                             | 2                    | 60.9                    | 9                        | 1230                             | -                                | 650                                           |
| 7                                             | 3                    | 89.6                    | 9                        | 1598                             | 1738                             | 235                                           |
| 8                                             | 3                    | 84.4                    | 9                        | 1271                             | 1617                             | 873                                           |
| 9                                             | 3                    | 72.3                    | 9                        | 1498                             | 1321                             | 901                                           |
| 10                                            | 1                    | 58.9                    | 9                        | -                                | -                                | 663                                           |
| 11                                            | 2                    | 74.8                    | 9                        | 1584                             | -                                | 919                                           |
| 12                                            | 1                    | 71.8                    | 9                        | -                                | -                                | 375                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 6                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 13                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5510                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 88.1                    | 10                       | 1257                             | -                                | 846                                           |
| 2                                             | 1                    | 58.7                    | 10                       | -                                | -                                | 725                                           |
| 3                                             | 2                    | 97.1                    | 10                       | 1037                             | -                                | 30                                            |
| 4                                             | 3                    | 83.1                    | 10                       | 1029                             | 1106                             | 490                                           |
| 5                                             | 1                    | 62.1                    | 10                       | -                                | -                                | 262                                           |
| 6                                             | 2                    | 71.4                    | 10                       | 1058                             | -                                | 283                                           |
| 7                                             | 2                    | 86.3                    | 10                       | 1867                             | -                                | 49                                            |
| 8                                             | 3                    | 77.3                    | 10                       | 1418                             | 1876                             | 634                                           |
| 9                                             | 1                    | 78.9                    | 10                       | -                                | -                                | 304                                           |
| 10                                            | 3                    | 79.2                    | 10                       | 1055                             | 1572                             | 564                                           |
| 11                                            | 3                    | 52                      | 10                       | 1582                             | 1836                             | 852                                           |
| 12                                            | 3                    | 56.5                    | 10                       | 1195                             | 1542                             | 525                                           |
| 13                                            | 3                    | 100                     | 10                       | 1638                             | 1729                             | 750                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 7                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 14                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 92.7             | 11                | 1208                      | -                         | 231                                    |
| 2                                             | 2             | 81.3             | 11                | 1144                      | -                         | 804                                    |
| 3                                             | 2             | 60.4             | 11                | 1555                      | -                         | 34                                     |
| 4                                             | 2             | 62.1             | 11                | 1320                      | -                         | 427                                    |
| 5                                             | 1             | 50               | 11                | -                         | -                         | 577                                    |
| 6                                             | 3             | 65.9             | 11                | 1020                      | 1365                      | 3                                      |
| 7                                             | 2             | 73.8             | 11                | 1308                      | -                         | 51                                     |
| 8                                             | 2             | 74.3             | 11                | 1143                      | -                         | 360                                    |
| 9                                             | 1             | 62.9             | 11                | -                         | -                         | 394                                    |
| 10                                            | 2             | 74.8             | 11                | 1404                      | -                         | 317                                    |
| 11                                            | 2             | 69.7             | 11                | 1309                      | -                         | 532                                    |
| 12                                            | 2             | 69.8             | 11                | 1688                      | -                         | 339                                    |
| 13                                            | 2             | 77.4             | 11                | 1857                      | -                         | 381                                    |
| 14                                            | 1             | 55.1             | 11                | -                         | -                         | 426                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 8                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 15                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 91.7             | 12                | -                         | -                         | 776                                    |
| 2                                             | 2             | 90               | 12                | 1196                      | -                         | 187                                    |
| 3                                             | 3             | 92.3             | 12                | 1486                      | 1853                      | 448                                    |
| 4                                             | 2             | 66.8             | 12                | 1545                      | -                         | 702                                    |
| 5                                             | 1             | 64               | 12                | -                         | -                         | 403                                    |
| 6                                             | 3             | 95.4             | 12                | 1123                      | 1473                      | 230                                    |
| 7                                             | 3             | 66.8             | 12                | 1867                      | 1401                      | 604                                    |
| 8                                             | 3             | 67.7             | 12                | 1472                      | 1397                      | 38                                     |
| 9                                             | 1             | 68.2             | 12                | -                         | -                         | 735                                    |
| 10                                            | 2             | 82.2             | 12                | 1297                      | -                         | 610                                    |
| 11                                            | 1             | 92.1             | 12                | -                         | -                         | 618                                    |
| 12                                            | 2             | 57               | 12                | 1764                      | -                         | 705                                    |
| 13                                            | 2             | 58.5             | 12                | 1310                      | -                         | 22                                     |
| 14                                            | 3             | 85.5             | 12                | 1630                      | 1447                      | 641                                    |
| 15                                            | 2             | 82.2             | 12                | 1371                      | -                         | 109                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 9                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 16                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 74.4             | 13                | 1707                      | -                         | 442                                    |
| 2                                             | 2             | 63.6             | 13                | 1725                      | -                         | 280                                    |
| 3                                             | 2             | 71.3             | 13                | 1704                      | -                         | 459                                    |
| 4                                             | 3             | 77.6             | 13                | 1063                      | 1405                      | 197                                    |
| 5                                             | 3             | 65.2             | 13                | 1731                      | 1294                      | 101                                    |
| 6                                             | 3             | 55.1             | 13                | 1109                      | 1549                      | 17                                     |
| 7                                             | 2             | 96.8             | 13                | 1034                      | -                         | 131                                    |
| 8                                             | 3             | 80.8             | 13                | 1533                      | 1051                      | 365                                    |
| 9                                             | 1             | 60.4             | 13                | -                         | -                         | 222                                    |
| 10                                            | 2             | 61.8             | 13                | 1312                      | -                         | 371                                    |
| 11                                            | 2             | 71.3             | 13                | 1657                      | -                         | 33                                     |
| 12                                            | 2             | 98.1             | 13                | 1024                      | -                         | 291                                    |
| 13                                            | 1             | 57.9             | 13                | -                         | -                         | 188                                    |
| 14                                            | 1             | 91.8             | 13                | -                         | -                         | 163                                    |
| 15                                            | 2             | 56.7             | 13                | 1259                      | -                         | 426                                    |
| 16                                            | 2             | 89.7             | 13                | 1690                      | -                         | 606                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 10                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 17                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5510              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 74.4             | 14                | 1107                      | -                         | 462                                    |
| 2                                             | 1             | 87.6             | 14                | -                         | -                         | 653                                    |
| 3                                             | 2             | 61.7             | 14                | 1741                      | -                         | 457                                    |
| 4                                             | 2             | 57.5             | 14                | 1566                      | -                         | 388                                    |
| 5                                             | 2             | 66.1             | 14                | 1855                      | -                         | 63                                     |
| 6                                             | 3             | 70.1             | 14                | 1044                      | 1012                      | 136                                    |
| 7                                             | 1             | 66.4             | 14                | -                         | -                         | 343                                    |
| 8                                             | 1             | 59.2             | 14                | -                         | -                         | 349                                    |
| 9                                             | 2             | 88.3             | 14                | 1240                      | -                         | 362                                    |
| 10                                            | 1             | 64.7             | 14                | -                         | -                         | 221                                    |
| 11                                            | 2             | 73               | 14                | 1703                      | -                         | 144                                    |
| 12                                            | 2             | 81.7             | 14                | 1450                      | -                         | 671                                    |
| 13                                            | 3             | 70.1             | 14                | 1741                      | 1278                      | 320                                    |
| 14                                            | 1             | 63.6             | 14                | -                         | -                         | 196                                    |
| 15                                            | 1             | 58.7             | 14                | -                         | -                         | 413                                    |
| 16                                            | 2             | 65.9             | 14                | 1478                      | -                         | 170                                    |
| 17                                            | 1             | 72.7             | 14                | -                         | -                         | 564                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 11                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 72.1                    | 15                       | 1193                             | -                                | 130                                           |
| 2                                                    | 3                    | 76.3                    | 15                       | 1484                             | 1390                             | 114                                           |
| 3                                                    | 1                    | 86.1                    | 15                       | -                                | -                                | 14                                            |
| 4                                                    | 1                    | 73.2                    | 15                       | -                                | -                                | 604                                           |
| 5                                                    | 1                    | 81.2                    | 15                       | -                                | -                                | 548                                           |
| 6                                                    | 2                    | 99.5                    | 15                       | 1398                             | -                                | 173                                           |
| 7                                                    | 1                    | 93.9                    | 15                       | -                                | -                                | 262                                           |
| 8                                                    | 2                    | 75.9                    | 15                       | 1921                             | -                                | 38                                            |
| 9                                                    | 3                    | 79.2                    | 15                       | 1100                             | 1429                             | 84                                            |
| 10                                                   | 3                    | 77                      | 15                       | 1166                             | 1799                             | 610                                           |
| 11                                                   | 1                    | 91.8                    | 15                       | -                                | -                                | 339                                           |
| 12                                                   | 3                    | 56.8                    | 15                       | 1330                             | 1556                             | 580                                           |
| 13                                                   | 2                    | 83.1                    | 15                       | 1556                             | -                                | 295                                           |
| 14                                                   | 2                    | 63                      | 15                       | 1552                             | -                                | 156                                           |
| 15                                                   | 1                    | 65.7                    | 15                       | -                                | -                                | 439                                           |
| 16                                                   | 1                    | 64.5                    | 15                       | -                                | -                                | 188                                           |
| 17                                                   | 1                    | 88.5                    | 15                       | -                                | -                                | 419                                           |
| 18                                                   | 1                    | 60.6                    | 15                       | -                                | -                                | 205                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 12                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 90.5                    | 16                       | 1299                             | -                                | 381                                           |
| 2                                                    | 2                    | 88.4                    | 16                       | 1418                             | -                                | 327                                           |
| 3                                                    | 2                    | 53.7                    | 16                       | 1055                             | -                                | 536                                           |
| 4                                                    | 1                    | 80.5                    | 16                       | -                                | -                                | 285                                           |
| 5                                                    | 1                    | 50.4                    | 16                       | -                                | -                                | 398                                           |
| 6                                                    | 2                    | 61.2                    | 16                       | 1749                             | -                                | 439                                           |
| 7                                                    | 2                    | 78.8                    | 16                       | 1065                             | -                                | 129                                           |
| 8                                                    | 3                    | 75                      | 16                       | 1748                             | 1820                             | 325                                           |
| 9                                                    | 2                    | 96.7                    | 16                       | 1254                             | -                                | 440                                           |
| 10                                                   | 3                    | 76.3                    | 16                       | 1848                             | 1106                             | 397                                           |
| 11                                                   | 1                    | 73.3                    | 16                       | -                                | -                                | 232                                           |
| 12                                                   | 2                    | 92.4                    | 16                       | 1317                             | -                                | 91                                            |
| 13                                                   | 2                    | 92.4                    | 16                       | 1854                             | -                                | 256                                           |
| 14                                                   | 3                    | 64.4                    | 16                       | 1240                             | 1634                             | 582                                           |
| 15                                                   | 2                    | 67.3                    | 16                       | 1473                             | -                                | 117                                           |
| 16                                                   | 2                    | 84.1                    | 16                       | 1795                             | -                                | 202                                           |
| 17                                                   | 1                    | 80.9                    | 16                       | -                                | -                                | 135                                           |
| 18                                                   | 1                    | 74.6                    | 16                       | -                                | -                                | 396                                           |
| 19                                                   | 2                    | 97.6                    | 16                       | 1805                             | -                                | 615                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 13                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 20                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5498              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 66.1             | 17                | 1417                      | -                         | 388                                    |
| 2                                             | 2             | 86.7             | 17                | 1693                      | -                         | 348                                    |
| 3                                             | 2             | 70.5             | 17                | 1263                      | -                         | 215                                    |
| 4                                             | 2             | 78               | 17                | 1446                      | -                         | 28                                     |
| 5                                             | 2             | 66               | 17                | 1185                      | -                         | 585                                    |
| 6                                             | 2             | 80.6             | 17                | 1855                      | -                         | 65                                     |
| 7                                             | 1             | 95.5             | 17                | -                         | -                         | 92                                     |
| 8                                             | 1             | 98.8             | 17                | -                         | -                         | 68                                     |
| 9                                             | 3             | 64.3             | 17                | 1641                      | 1108                      | 517                                    |
| 10                                            | 1             | 75.1             | 17                | -                         | -                         | 121                                    |
| 11                                            | 2             | 72.6             | 17                | 1499                      | -                         | 448                                    |
| 12                                            | 1             | 60.3             | 17                | -                         | -                         | 567                                    |
| 13                                            | 2             | 54.9             | 17                | 1056                      | -                         | 245                                    |
| 14                                            | 2             | 98.8             | 17                | 1023                      | -                         | 584                                    |
| 15                                            | 2             | 60.9             | 17                | 1243                      | -                         | 579                                    |
| 16                                            | 2             | 62.7             | 17                | 1226                      | -                         | 464                                    |
| 17                                            | 1             | 80.1             | 17                | -                         | -                         | 89                                     |
| 18                                            | 2             | 70.9             | 17                | 1711                      | -                         | 153                                    |
| 19                                            | 1             | 90.7             | 17                | -                         | -                         | 282                                    |
| 20                                            | 1             | 98.9             | 17                | -                         | -                         | 71                                     |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 14                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5499              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 67.5             | 20                | 1542                      | -                         | 947                                    |
| 2                                             | 3             | 83.6             | 20                | 1272                      | 1696                      | 124                                    |
| 3                                             | 2             | 93.2             | 20                | 1877                      | -                         | 701                                    |
| 4                                             | 1             | 55.6             | 20                | -                         | -                         | 1123                                   |
| 5                                             | 3             | 84.2             | 20                | 1733                      | 1619                      | 756                                    |
| 6                                             | 3             | 69.1             | 20                | 1612                      | 1071                      | 1                                      |
| 7                                             | 2             | 66.9             | 20                | 1905                      | -                         | 7                                      |
| 8                                             | 3             | 86.8             | 20                | 1697                      | 1621                      | 1082                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 15                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 9                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5499              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 62.2             | 19                | 1571                      | -                         | 949                                    |
| 2                                             | 2             | 85               | 19                | 1669                      | -                         | 189                                    |
| 3                                             | 2             | 64.5             | 19                | 1505                      | -                         | 176                                    |
| 4                                             | 2             | 50.4             | 19                | 1325                      | -                         | 538                                    |
| 5                                             | 2             | 66.1             | 19                | 1483                      | -                         | 908                                    |
| 6                                             | 2             | 71.2             | 19                | 1110                      | -                         | 1017                                   |
| 7                                             | 3             | 53.7             | 19                | 1445                      | 1677                      | 492                                    |
| 8                                             | 3             | 62.5             | 19                | 1596                      | 1341                      | 349                                    |
| 9                                             | 3             | 62               | 19                | 1929                      | 1221                      | 1105                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 16                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 10                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5498              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 80.5             | 18                | 1910                      | -                         | 284                                    |
| 2                                             | 2             | 64.2             | 18                | 1661                      | -                         | 751                                    |
| 3                                             | 2             | 90.1             | 18                | 1041                      | -                         | 491                                    |
| 4                                             | 2             | 69.8             | 18                | 1495                      | -                         | 107                                    |
| 5                                             | 1             | 73.1             | 18                | -                         | -                         | 490                                    |
| 6                                             | 3             | 77.2             | 18                | 1418                      | 1145                      | 1155                                   |
| 7                                             | 3             | 52.6             | 18                | 1732                      | 1787                      | 772                                    |
| 8                                             | 2             | 71.4             | 18                | 1562                      | -                         | 121                                    |
| 9                                             | 2             | 89.8             | 18                | 1491                      | -                         | 89                                     |
| 10                                            | 2             | 76.4             | 18                | 1355                      | -                         | 615                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 17                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 11                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5498              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 51.2             | 17                | 1236                      | -                         | 740                                    |
| 2                                             | 1             | 71.7             | 17                | -                         | -                         | 941                                    |
| 3                                             | 2             | 74.7             | 17                | 1164                      | -                         | 370                                    |
| 4                                             | 2             | 50.9             | 17                | 1919                      | -                         | 371                                    |
| 5                                             | 2             | 65.2             | 17                | 1206                      | -                         | 1033                                   |
| 6                                             | 2             | 98               | 17                | 1182                      | -                         | 346                                    |
| 7                                             | 2             | 58.7             | 17                | 1612                      | -                         | 639                                    |
| 8                                             | 1             | 63.8             | 17                | -                         | -                         | 1056                                   |
| 9                                             | 3             | 86.3             | 17                | 1545                      | 1065                      | 205                                    |
| 10                                            | 1             | 94.4             | 17                | -                         | -                         | 753                                    |
| 11                                            | 3             | 88.5             | 17                | 1699                      | 1319                      | 58                                     |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 18                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 12                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5497              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 88.7             | 16                | 1405                      | -                         | 448                                    |
| 2                                             | 3             | 90.2             | 16                | 1544                      | 1235                      | 621                                    |
| 3                                             | 1             | 96.5             | 16                | -                         | -                         | 512                                    |
| 4                                             | 2             | 80.5             | 16                | 1090                      | -                         | 321                                    |
| 5                                             | 2             | 63.7             | 16                | 1268                      | -                         | 798                                    |
| 6                                             | 1             | 53.4             | 16                | -                         | -                         | 809                                    |
| 7                                             | 2             | 52.3             | 16                | 1043                      | -                         | 301                                    |
| 8                                             | 3             | 54.7             | 16                | 1701                      | 1104                      | 796                                    |
| 9                                             | 3             | 75.6             | 16                | 1923                      | 1729                      | 669                                    |
| 10                                            | 2             | 59.2             | 16                | 1244                      | -                         | 369                                    |
| 11                                            | 1             | 56.3             | 16                | -                         | -                         | 51                                     |
| 12                                            | 2             | 87.8             | 16                | 1608                      | -                         | 733                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |                      |                         | 19                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 13                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 68.2                    | 15                       | 1104                             | -                                | 229                                           |
| 2                                             | 2                    | 58.4                    | 15                       | 1627                             | -                                | 488                                           |
| 3                                             | 3                    | 74.7                    | 15                       | 1861                             | 1015                             | 137                                           |
| 4                                             | 2                    | 58.2                    | 15                       | 1593                             | -                                | 520                                           |
| 5                                             | 1                    | 51.6                    | 15                       | -                                | -                                | 799                                           |
| 6                                             | 2                    | 94.7                    | 15                       | 1469                             | -                                | 43                                            |
| 7                                             | 2                    | 70.7                    | 15                       | 1091                             | -                                | 126                                           |
| 8                                             | 2                    | 82.9                    | 15                       | 1472                             | -                                | 607                                           |
| 9                                             | 3                    | 62.7                    | 15                       | 1168                             | 1453                             | 527                                           |
| 10                                            | 2                    | 63.1                    | 15                       | 1529                             | -                                | 143                                           |
| 11                                            | 1                    | 96.1                    | 15                       | -                                | -                                | 176                                           |
| 12                                            | 2                    | 57                      | 15                       | 1457                             | -                                | 882                                           |
| 13                                            | 3                    | 95.6                    | 15                       | 1707                             | 1501                             | 214                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 20                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 14                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5497                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 95.7                    | 14                       | -                                | -                                | 117                                           |
| 2                                             | 1                    | 93.1                    | 14                       | -                                | -                                | 720                                           |
| 3                                             | 1                    | 55.8                    | 14                       | -                                | -                                | 297                                           |
| 4                                             | 1                    | 76.7                    | 14                       | -                                | -                                | 284                                           |
| 5                                             | 2                    | 68                      | 14                       | 1686                             | -                                | 472                                           |
| 6                                             | 3                    | 94.1                    | 14                       | 1796                             | 1393                             | 264                                           |
| 7                                             | 2                    | 53.9                    | 14                       | 1293                             | -                                | 525                                           |
| 8                                             | 1                    | 99.3                    | 14                       | -                                | -                                | 155                                           |
| 9                                             | 2                    | 73.3                    | 14                       | 1458                             | -                                | 65                                            |
| 10                                            | 2                    | 93.3                    | 14                       | 1196                             | -                                | 451                                           |
| 11                                            | 3                    | 55.8                    | 14                       | 1895                             | 1034                             | 243                                           |
| 12                                            | 1                    | 66.4                    | 14                       | -                                | -                                | 228                                           |
| 13                                            | 2                    | 65.6                    | 14                       | 1732                             | -                                | 746                                           |
| 14                                            | 2                    | 76.5                    | 14                       | 1187                             | -                                | 522                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 21                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 15                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5524                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 85.1                    | 13                       | -                                | -                                | 565                                           |
| 2                                             | 2                    | 72.5                    | 13                       | 1648                             | -                                | 211                                           |
| 3                                             | 1                    | 67.5                    | 13                       | -                                | -                                | 348                                           |
| 4                                             | 2                    | 56.1                    | 13                       | 1360                             | -                                | 156                                           |
| 5                                             | 1                    | 71.1                    | 13                       | -                                | -                                | 718                                           |
| 6                                             | 2                    | 93.1                    | 13                       | 1391                             | -                                | 400                                           |
| 7                                             | 1                    | 56.5                    | 13                       | -                                | -                                | 482                                           |
| 8                                             | 1                    | 63.8                    | 13                       | -                                | -                                | 703                                           |
| 9                                             | 2                    | 67.4                    | 13                       | 1727                             | -                                | 780                                           |
| 10                                            | 1                    | 52.3                    | 13                       | -                                | -                                | 102                                           |
| 11                                            | 3                    | 62.4                    | 13                       | 1228                             | 1715                             | 304                                           |
| 12                                            | 2                    | 53.3                    | 13                       | 1630                             | -                                | 57                                            |
| 13                                            | 2                    | 83.1                    | 13                       | 1205                             | -                                | 768                                           |
| 14                                            | 2                    | 93.7                    | 13                       | 1085                             | -                                | 461                                           |
| 15                                            | 2                    | 90.7                    | 13                       | 1297                             | -                                | 746                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 22                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 16                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5524                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 98.8                    | 12                       | 1439                             | -                                | 95                                            |
| 2                                             | 1                    | 54.5                    | 12                       | -                                | -                                | 676                                           |
| 3                                             | 2                    | 80.5                    | 12                       | 1360                             | -                                | 8                                             |
| 4                                             | 2                    | 55.9                    | 12                       | 1906                             | -                                | 373                                           |
| 5                                             | 2                    | 72.1                    | 12                       | 1623                             | -                                | 254                                           |
| 6                                             | 2                    | 84.4                    | 12                       | 1604                             | -                                | 480                                           |
| 7                                             | 1                    | 78.5                    | 12                       | -                                | -                                | 663                                           |
| 8                                             | 1                    | 88                      | 12                       | -                                | -                                | 314                                           |
| 9                                             | 2                    | 74.7                    | 12                       | 1157                             | -                                | 596                                           |
| 10                                            | 2                    | 97.1                    | 12                       | 1673                             | -                                | 264                                           |
| 11                                            | 1                    | 81.6                    | 12                       | -                                | -                                | 740                                           |
| 12                                            | 1                    | 83.6                    | 12                       | -                                | -                                | 163                                           |
| 13                                            | 3                    | 87.6                    | 12                       | 1757                             | 1322                             | 628                                           |
| 14                                            | 2                    | 58.5                    | 12                       | 1372                             | -                                | 132                                           |
| 15                                            | 3                    | 91.8                    | 12                       | 1767                             | 1183                             | 106                                           |
| 16                                            | 2                    | 58.8                    | 12                       | 1432                             | -                                | 659                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 23                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 17                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5525                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 96                      | 11                       | -                                | -                                | 284                                           |
| 2                                                    | 2                    | 92.5                    | 11                       | 1241                             | -                                | 488                                           |
| 3                                                    | 2                    | 89.5                    | 11                       | 1347                             | -                                | 76                                            |
| 4                                                    | 2                    | 74.8                    | 11                       | 1607                             | -                                | 688                                           |
| 5                                                    | 2                    | 60.6                    | 11                       | 1523                             | -                                | 28                                            |
| 6                                                    | 2                    | 71.5                    | 11                       | 1659                             | -                                | 383                                           |
| 7                                                    | 2                    | 71.1                    | 11                       | 1454                             | -                                | 182                                           |
| 8                                                    | 1                    | 98.7                    | 11                       | -                                | -                                | 20                                            |
| 9                                                    | 2                    | 85.1                    | 11                       | 1770                             | -                                | 576                                           |
| 10                                                   | 2                    | 89.2                    | 11                       | 1086                             | -                                | 410                                           |
| 11                                                   | 2                    | 60.7                    | 11                       | 1101                             | -                                | 458                                           |
| 12                                                   | 2                    | 75.2                    | 11                       | 1719                             | -                                | 348                                           |
| 13                                                   | 2                    | 75.7                    | 11                       | 1799                             | -                                | 481                                           |
| 14                                                   | 3                    | 56.7                    | 11                       | 1132                             | 1884                             | 587                                           |
| 15                                                   | 2                    | 65                      | 11                       | 1885                             | -                                | 480                                           |
| 16                                                   | 2                    | 64.6                    | 11                       | 1910                             | -                                | 195                                           |
| 17                                                   | 3                    | 69.9                    | 11                       | 1410                             | 1190                             | 396                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 24                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5525                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 83.8                    | 10                       | 1290                             | 1021                             | 536                                           |
| 2                                                    | 2                    | 66.9                    | 10                       | 1112                             | -                                | 44                                            |
| 3                                                    | 3                    | 91                      | 10                       | 1220                             | 1504                             | 611                                           |
| 4                                                    | 2                    | 86.1                    | 10                       | 1678                             | -                                | 456                                           |
| 5                                                    | 3                    | 65.5                    | 10                       | 1928                             | 1222                             | 330                                           |
| 6                                                    | 1                    | 62.6                    | 10                       | -                                | -                                | 297                                           |
| 7                                                    | 3                    | 68.7                    | 10                       | 1505                             | 1200                             | 351                                           |
| 8                                                    | 3                    | 59.2                    | 10                       | 1452                             | 1114                             | 230                                           |
| 9                                                    | 1                    | 73.9                    | 10                       | -                                | -                                | 222                                           |
| 10                                                   | 1                    | 77.2                    | 10                       | -                                | -                                | 57                                            |
| 11                                                   | 2                    | 96.4                    | 10                       | 1357                             | -                                | 399                                           |
| 12                                                   | 2                    | 99.9                    | 10                       | 1173                             | -                                | 299                                           |
| 13                                                   | 2                    | 99.9                    | 10                       | 1520                             | -                                | 464                                           |
| 14                                                   | 1                    | 86.7                    | 10                       | -                                | -                                | 294                                           |
| 15                                                   | 1                    | 92.6                    | 10                       | -                                | -                                | 653                                           |
| 16                                                   | 1                    | 77.1                    | 10                       | -                                | -                                | 550                                           |
| 17                                                   | 2                    | 81.1                    | 10                       | 1664                             | -                                | 566                                           |
| 18                                                   | 3                    | 68.4                    | 10                       | 1536                             | 1309                             | 580                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 25                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5525                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 68.2                    | 9                        | 1723                             | 1868                             | 471                                           |
| 2                                                    | 3                    | 83.7                    | 9                        | 1711                             | 1405                             | 368                                           |
| 3                                                    | 2                    | 69.7                    | 9                        | 1781                             | -                                | 425                                           |
| 4                                                    | 1                    | 59.7                    | 9                        | -                                | -                                | 440                                           |
| 5                                                    | 2                    | 96.7                    | 9                        | 1484                             | -                                | 123                                           |
| 6                                                    | 2                    | 95.8                    | 9                        | 1319                             | -                                | 261                                           |
| 7                                                    | 3                    | 71.3                    | 9                        | 1095                             | 1354                             | 332                                           |
| 8                                                    | 3                    | 53.2                    | 9                        | 1527                             | 1427                             | 427                                           |
| 9                                                    | 2                    | 69.5                    | 9                        | 1771                             | -                                | 397                                           |
| 10                                                   | 3                    | 63.9                    | 9                        | 1075                             | 1447                             | 67                                            |
| 11                                                   | 2                    | 93.4                    | 9                        | 1783                             | -                                | 174                                           |
| 12                                                   | 2                    | 77.3                    | 9                        | 1564                             | -                                | 17                                            |
| 13                                                   | 2                    | 73.1                    | 9                        | 1294                             | -                                | 216                                           |
| 14                                                   | 1                    | 77.4                    | 9                        | -                                | -                                | 292                                           |
| 15                                                   | 3                    | 57.2                    | 9                        | 1722                             | 1886                             | 619                                           |
| 16                                                   | 2                    | 68.7                    | 9                        | 1629                             | -                                | 233                                           |
| 17                                                   | 1                    | 60.8                    | 9                        | -                                | -                                | 226                                           |
| 18                                                   | 3                    | 69.7                    | 9                        | 1128                             | 1224                             | 599                                           |
| 19                                                   | 1                    | 62.2                    | 9                        | -                                | -                                | 433                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 26                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 20                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5526              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 80.5             | 8                 | -                         | -                         | 90                                     |
| 2                                             | 3             | 62.6             | 8                 | 1406                      | 1343                      | 319                                    |
| 3                                             | 3             | 85.6             | 8                 | 1190                      | 1529                      | 384                                    |
| 4                                             | 2             | 83.9             | 8                 | 1208                      | -                         | 567                                    |
| 5                                             | 2             | 92.4             | 8                 | 1488                      | -                         | 234                                    |
| 6                                             | 2             | 54               | 8                 | 1529                      | -                         | 535                                    |
| 7                                             | 3             | 81.3             | 8                 | 1501                      | 1812                      | 325                                    |
| 8                                             | 1             | 98.5             | 8                 | -                         | -                         | 532                                    |
| 9                                             | 1             | 85.8             | 8                 | -                         | -                         | 272                                    |
| 10                                            | 2             | 84.7             | 8                 | 1593                      | -                         | 182                                    |
| 11                                            | 2             | 83.3             | 8                 | 1705                      | -                         | 134                                    |
| 12                                            | 2             | 79.8             | 8                 | 1567                      | -                         | 286                                    |
| 13                                            | 1             | 77.9             | 8                 | -                         | -                         | 368                                    |
| 14                                            | 3             | 98.4             | 8                 | 1510                      | 1569                      | 290                                    |
| 15                                            | 2             | 79.9             | 8                 | 1588                      | -                         | 231                                    |
| 16                                            | 3             | 78               | 8                 | 1140                      | 1353                      | 353                                    |
| 17                                            | 3             | 55.2             | 8                 | 1700                      | 1327                      | 53                                     |
| 18                                            | 3             | 71.9             | 8                 | 1081                      | 1224                      | 44                                     |
| 19                                            | 1             | 62               | 8                 | -                         | -                         | 298                                    |
| 20                                            | 3             | 70.5             | 8                 | 1888                      | 1442                      | 529                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 27                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5522              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 69.1             | 18                | 1076                      | -                         | 1436                                   |
| 2                                             | 2             | 62.1             | 18                | 1688                      | -                         | 22                                     |
| 3                                             | 2             | 94.8             | 18                | 1891                      | -                         | 897                                    |
| 4                                             | 1             | 75.8             | 18                | -                         | -                         | 1186                                   |
| 5                                             | 2             | 65.4             | 18                | 1713                      | -                         | 589                                    |
| 6                                             | 2             | 97.7             | 18                | 1292                      | -                         | 614                                    |
| 7                                             | 3             | 98.1             | 18                | 1670                      | 1711                      | 506                                    |
| 8                                             | 2             | 85.4             | 18                | 1672                      | -                         | 776                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |               |                  | 28                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 9                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5521              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 3             | 82               | 19                | 1233                      | 1713                      | 679                                    |
| 2                                             | 3             | 87.7             | 19                | 1554                      | 1123                      | 473                                    |
| 3                                             | 2             | 98.9             | 19                | 1518                      | -                         | 869                                    |
| 4                                             | 1             | 55               | 19                | -                         | -                         | 719                                    |
| 5                                             | 1             | 93.6             | 19                | -                         | -                         | 902                                    |
| 6                                             | 2             | 58.7             | 19                | 1641                      | -                         | 1243                                   |
| 7                                             | 2             | 88.7             | 19                | 1387                      | -                         | 410                                    |
| 8                                             | 1             | 60.3             | 19                | -                         | -                         | 1154                                   |
| 9                                             | 1             | 97.7             | 19                | -                         | -                         | 512                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 29                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 10                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5521              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 69.6             | 20                | -                         | -                         | 1131                                   |
| 2                                             | 1             | 74.5             | 20                | -                         | -                         | 290                                    |
| 3                                             | 1             | 60.9             | 20                | -                         | -                         | 895                                    |
| 4                                             | 1             | 74.6             | 20                | -                         | -                         | 202                                    |
| 5                                             | 2             | 99.3             | 20                | 1501                      | -                         | 139                                    |
| 6                                             | 2             | 95.3             | 20                | 1065                      | -                         | 854                                    |
| 7                                             | 2             | 91.9             | 20                | 1722                      | -                         | 219                                    |
| 8                                             | 2             | 51               | 20                | 1285                      | -                         | 57                                     |
| 9                                             | 2             | 87.7             | 20                | 1747                      | -                         | 141                                    |
| 10                                            | 1             | 87.2             | 20                | -                         | -                         | 596                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 30                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5527                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 59.9                    | 5                        | 1901                             | 1196                             | 935                                           |
| 2                                                    | 2                    | 77.1                    | 5                        | 1590                             | -                                | 1038                                          |
| 3                                                    | 2                    | 62.7                    | 5                        | 1227                             | -                                | 690                                           |
| 4                                                    | 1                    | 77.1                    | 5                        | -                                | -                                | 547                                           |
| 5                                                    | 3                    | 99.8                    | 5                        | 1798                             | 1790                             | 551                                           |
| 6                                                    | 2                    | 61.5                    | 5                        | 1135                             | -                                | 876                                           |
| 7                                                    | 2                    | 77.5                    | 5                        | 1583                             | -                                | 448                                           |
| 8                                                    | 2                    | 57.3                    | 5                        | 1890                             | -                                | 736                                           |
| 9                                                    | 2                    | 53.5                    | 5                        | 1757                             | -                                | 362                                           |
| 10                                                   | 1                    | 66.6                    | 5                        | -                                | -                                | 836                                           |
| 11                                                   | 3                    | 80.7                    | 5                        | 1811                             | 1289                             | 410                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

**Type 6 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulses / Hop</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|---------------------|-------------------------|-----------------|---------------------------------------|
| 1                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 2                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 3                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 4                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 5                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 6                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 7                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 8                        | 5510                    | 9                   | 1                       | 333             | 0                                     |
| 9                        | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 10                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 11                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 12                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 13                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 14                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 15                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 16                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 17                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 18                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 19                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 20                       | 5510                    | 9                   | 1                       | 333             | 0                                     |
| 21                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 22                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 23                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 24                       | 5510                    | 9                   | 1                       | 333             | 0                                     |
| 25                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 26                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 27                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 28                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 29                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 30                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| Detection Percentage (%) |                         |                     |                         |                 | 90.000                                |
| Limit                    |                         |                     |                         |                 | 70%                                   |
| <b>Test Result</b>       |                         |                     |                         |                 | <b>Complied</b>                       |



**Modulation Mode: 802.11ac (VHT80)**

**Type 1 Radar Statistical Performance**

| <b>Trial #</b>                  | <b>Test Freq. (MHz)</b> | <b>Pulse Repetition<br/>Frequency Number</b> | <b>Pulse Repetition<br/>Frequency<br/>(Pulse Per Second)</b> | <b>PRI (us)</b> | <b>1=Detection<br/>0=No Detection</b> |
|---------------------------------|-------------------------|----------------------------------------------|--------------------------------------------------------------|-----------------|---------------------------------------|
| 1                               | 5516                    | 1                                            | 1930.5                                                       | 518             | 1                                     |
| 2                               | 5517                    | 23                                           | 326.2                                                        | 3066            | 1                                     |
| 3                               | 5518                    | 19                                           | 1139.0                                                       | 878             | 1                                     |
| 4                               | 5519                    | 12                                           | 1355.0                                                       | 738             | 1                                     |
| 5                               | 5520                    | 4                                            | 1730.1                                                       | 578             | 1                                     |
| 6                               | 5521                    | 8                                            | 1519.8                                                       | 658             | 1                                     |
| 7                               | 5522                    | 15                                           | 1253.1                                                       | 798             | 1                                     |
| 8                               | 5523                    | 6                                            | 1618.1                                                       | 618             | 1                                     |
| 9                               | 5524                    | 14                                           | 1285.3                                                       | 778             | 1                                     |
| 10                              | 5525                    | 3                                            | 1792.1                                                       | 558             | 1                                     |
| 11                              | 5526                    | 13                                           | 1319.3                                                       | 758             | 1                                     |
| 12                              | 5527                    | 9                                            | 1474.9                                                       | 678             | 1                                     |
| 13                              | 5528                    | 7                                            | 1567.4                                                       | 638             | 1                                     |
| 14                              | 5529                    | 17                                           | 1193.3                                                       | 838             | 0                                     |
| 15                              | 5530                    | 10                                           | 1432.7                                                       | 698             | 1                                     |
| 16                              | 5531                    | -                                            | 1692.0                                                       | 591             | 0                                     |
| 17                              | 5532                    | -                                            | 328.1                                                        | 3048            | 1                                     |
| 18                              | 5533                    | -                                            | 373.4                                                        | 2678            | 1                                     |
| 19                              | 5534                    | -                                            | 574.4                                                        | 1741            | 1                                     |
| 20                              | 5535                    | -                                            | 1216.5                                                       | 822             | 0                                     |
| 21                              | 5536                    | -                                            | 801.3                                                        | 1248            | 1                                     |
| 22                              | 5537                    | -                                            | 488.5                                                        | 2047            | 1                                     |
| 23                              | 5538                    | -                                            | 956.0                                                        | 1046            | 0                                     |
| 24                              | 5539                    | -                                            | 517.6                                                        | 1932            | 0                                     |
| 25                              | 5540                    | -                                            | 1422.5                                                       | 703             | 1                                     |
| 26                              | 5541                    | -                                            | 542.0                                                        | 1845            | 1                                     |
| 27                              | 5542                    | -                                            | 741.3                                                        | 1349            | 0                                     |
| 28                              | 5543                    | -                                            | 881.8                                                        | 1134            | 1                                     |
| 29                              | 5544                    | -                                            | 427.4                                                        | 2340            | 1                                     |
| 30                              | 5545                    | -                                            | 628.9                                                        | 1590            | 1                                     |
| <b>Detection Percentage (%)</b> |                         |                                              |                                                              |                 | <b>80.000</b>                         |
| <b>Limit</b>                    |                         |                                              |                                                              |                 | <b>60%</b>                            |
| <b>Test Result</b>              |                         |                                              |                                                              |                 | <b>Complied</b>                       |



**Type 2 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5516             | 2.6              | 221      | 23             | 1                             |
| 2                        | 5517             | 4.6              | 198      | 27             | 1                             |
| 3                        | 5518             | 1.1              | 184      | 29             | 1                             |
| 4                        | 5519             | 4.8              | 203      | 24             | 0                             |
| 5                        | 5520             | 2.4              | 162      | 25             | 1                             |
| 6                        | 5521             | 3.4              | 204      | 28             | 0                             |
| 7                        | 5522             | 2.3              | 170      | 27             | 1                             |
| 8                        | 5523             | 3.5              | 184      | 23             | 1                             |
| 9                        | 5524             | 4.9              | 150      | 27             | 1                             |
| 10                       | 5525             | 4.6              | 211      | 29             | 1                             |
| 11                       | 5526             | 2.9              | 158      | 23             | 1                             |
| 12                       | 5527             | 2.6              | 226      | 27             | 1                             |
| 13                       | 5528             | 1.6              | 204      | 26             | 1                             |
| 14                       | 5529             | 3.9              | 181      | 25             | 1                             |
| 15                       | 5530             | 4.6              | 202      | 24             | 1                             |
| 16                       | 5531             | 4.1              | 194      | 27             | 0                             |
| 17                       | 5532             | 2.3              | 193      | 28             | 1                             |
| 18                       | 5533             | 3.9              | 173      | 29             | 1                             |
| 19                       | 5534             | 4.3              | 188      | 23             | 0                             |
| 20                       | 5535             | 1.5              | 215      | 26             | 0                             |
| 21                       | 5536             | 4.9              | 227      | 27             | 1                             |
| 22                       | 5537             | 1.1              | 199      | 23             | 1                             |
| 23                       | 5538             | 4.5              | 155      | 29             | 1                             |
| 24                       | 5539             | 4.0              | 190      | 27             | 1                             |
| 25                       | 5540             | 2.4              | 151      | 23             | 0                             |
| 26                       | 5541             | 2.5              | 180      | 28             | 1                             |
| 27                       | 5542             | 2.5              | 228      | 23             | 1                             |
| 28                       | 5543             | 2.5              | 203      | 25             | 1                             |
| 29                       | 5544             | 1.5              | 188      | 25             | 1                             |
| 30                       | 5545             | 1.9              | 217      | 24             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 80.000                        |
| Limit                    |                  |                  |          |                | 60%                           |
| <b>Test Result</b>       |                  |                  |          |                | <b>Complied</b>               |

**Type 3 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>Pulses / Burst</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|-------------------------|-----------------|-----------------------|---------------------------------------|
| 1                        | 5516                    | 8.0                     | 205             | 16                    | 1                                     |
| 2                        | 5517                    | 6.7                     | 382             | 18                    | 1                                     |
| 3                        | 5518                    | 8.6                     | 418             | 16                    | 1                                     |
| 4                        | 5519                    | 9.4                     | 351             | 17                    | 1                                     |
| 5                        | 5520                    | 7.4                     | 383             | 18                    | 1                                     |
| 6                        | 5521                    | 9.8                     | 232             | 16                    | 1                                     |
| 7                        | 5522                    | 9.1                     | 377             | 17                    | 1                                     |
| 8                        | 5523                    | 9.6                     | 457             | 16                    | 1                                     |
| 9                        | 5524                    | 8.0                     | 471             | 18                    | 1                                     |
| 10                       | 5525                    | 9.0                     | 304             | 18                    | 1                                     |
| 11                       | 5526                    | 8.0                     | 316             | 17                    | 0                                     |
| 12                       | 5527                    | 9.8                     | 325             | 16                    | 1                                     |
| 13                       | 5528                    | 8.0                     | 409             | 17                    | 1                                     |
| 14                       | 5529                    | 9.9                     | 200             | 17                    | 1                                     |
| 15                       | 5530                    | 8.8                     | 458             | 16                    | 0                                     |
| 16                       | 5531                    | 8.0                     | 232             | 18                    | 0                                     |
| 17                       | 5532                    | 8.3                     | 250             | 16                    | 1                                     |
| 18                       | 5533                    | 8.7                     | 270             | 16                    | 1                                     |
| 19                       | 5534                    | 7.7                     | 350             | 17                    | 1                                     |
| 20                       | 5535                    | 7.1                     | 230             | 16                    | 1                                     |
| 21                       | 5536                    | 7.3                     | 416             | 18                    | 1                                     |
| 22                       | 5537                    | 7.6                     | 498             | 18                    | 1                                     |
| 23                       | 5538                    | 7.3                     | 286             | 17                    | 1                                     |
| 24                       | 5539                    | 7.3                     | 287             | 16                    | 0                                     |
| 25                       | 5540                    | 7.5                     | 462             | 17                    | 1                                     |
| 26                       | 5541                    | 6.2                     | 300             | 17                    | 1                                     |
| 27                       | 5542                    | 6.4                     | 323             | 18                    | 1                                     |
| 28                       | 5543                    | 7.1                     | 420             | 16                    | 0                                     |
| 29                       | 5544                    | 7.2                     | 395             | 18                    | 1                                     |
| 30                       | 5545                    | 8.4                     | 377             | 16                    | 1                                     |
| Detection Percentage (%) |                         |                         |                 |                       | 83.333                                |
| Limit                    |                         |                         |                 |                       | 60%                                   |
| <b>Test Result</b>       |                         |                         |                 |                       | <b>Complied</b>                       |



**Type 4 Radar Statistical Performance**

| <b>Trial #</b>           | <b>Test Freq. (MHz)</b> | <b>Pulse Width (us)</b> | <b>PRI (us)</b> | <b>Pulses / Burst</b> | <b>1=Detection<br/>0=No Detection</b> |
|--------------------------|-------------------------|-------------------------|-----------------|-----------------------|---------------------------------------|
| 1                        | 5516                    | 18.0                    | 242             | 15                    | 1                                     |
| 2                        | 5517                    | 19.9                    | 279             | 12                    | 1                                     |
| 3                        | 5518                    | 12.9                    | 487             | 14                    | 1                                     |
| 4                        | 5519                    | 15.0                    | 452             | 13                    | 1                                     |
| 5                        | 5520                    | 16.3                    | 230             | 12                    | 1                                     |
| 6                        | 5521                    | 19.8                    | 238             | 13                    | 1                                     |
| 7                        | 5522                    | 18.2                    | 420             | 16                    | 1                                     |
| 8                        | 5523                    | 16.3                    | 452             | 15                    | 0                                     |
| 9                        | 5524                    | 14.2                    | 495             | 12                    | 0                                     |
| 10                       | 5525                    | 17.8                    | 228             | 16                    | 1                                     |
| 11                       | 5526                    | 19.1                    | 211             | 16                    | 1                                     |
| 12                       | 5527                    | 18.4                    | 283             | 15                    | 1                                     |
| 13                       | 5528                    | 11.8                    | 411             | 12                    | 1                                     |
| 14                       | 5529                    | 14.2                    | 284             | 13                    | 0                                     |
| 15                       | 5530                    | 13.9                    | 202             | 12                    | 1                                     |
| 16                       | 5531                    | 17.8                    | 340             | 14                    | 1                                     |
| 17                       | 5532                    | 15.6                    | 290             | 16                    | 1                                     |
| 18                       | 5533                    | 14.6                    | 250             | 16                    | 1                                     |
| 19                       | 5534                    | 14.4                    | 484             | 15                    | 0                                     |
| 20                       | 5535                    | 18.9                    | 387             | 13                    | 1                                     |
| 21                       | 5536                    | 11.1                    | 348             | 15                    | 1                                     |
| 22                       | 5537                    | 13.8                    | 291             | 16                    | 1                                     |
| 23                       | 5538                    | 14.3                    | 295             | 12                    | 1                                     |
| 24                       | 5539                    | 12.5                    | 300             | 12                    | 1                                     |
| 25                       | 5540                    | 12.5                    | 322             | 14                    | 1                                     |
| 26                       | 5541                    | 12.5                    | 383             | 13                    | 1                                     |
| 27                       | 5542                    | 15.7                    | 322             | 16                    | 1                                     |
| 28                       | 5543                    | 19.8                    | 469             | 13                    | 1                                     |
| 29                       | 5544                    | 18.6                    | 406             | 15                    | 1                                     |
| 30                       | 5545                    | 15.9                    | 238             | 14                    | 1                                     |
| Detection Percentage (%) |                         |                         |                 |                       | 86.667                                |
| Limit                    |                         |                         |                 |                       | 60%                                   |
| <b>Test Result</b>       |                         |                         |                 |                       | <b>Complied</b>                       |



**Total Type 1~4 Radar Statistical Performance**

| <b>Radar Type #</b>         | <b>Detection Percentage (%)</b> |
|-----------------------------|---------------------------------|
| 1                           | 80.000                          |
| 2                           | 80.000                          |
| 3                           | 83.333                          |
| 4                           | 86.667                          |
| Aggregate (Radar Types 1-4) | 82.500                          |
| Limit                       | 80%                             |
| <b>Test Result</b>          | <b>Complied</b>                 |



**Type 5 Radar Statistical Performance**

| Center Freq. (MHz)       | Low Edge (MHz) | High Edge (MHz) | VSG Freq. (MHz) | Detection |
|--------------------------|----------------|-----------------|-----------------|-----------|
| Trial                    | Chirp          | Offset          |                 |           |
| 1                        | 5              | 0               | 5530            | 1         |
| 2                        | 20             | 0               | 5530            | 1         |
| 3                        | 7              | 0               | 5530            | 1         |
| 4                        | 8              | 0               | 5530            | 1         |
| 5                        | 9              | 0               | 5530            | 1         |
| 6                        | 10             | 0               | 5530            | 1         |
| 7                        | 11             | 0               | 5530            | 1         |
| 8                        | 12             | 0               | 5530            | 1         |
| 9                        | 13             | 0               | 5530            | 1         |
| 10                       | 14             | 0               | 5530            | 1         |
| 11                       | 15             | 6               | 5498            | 1         |
| 12                       | 16             | 6.4             | 5498            | 1         |
| 13                       | 17             | 6.8             | 5499            | 1         |
| 14                       | 20             | 8               | 5500            | 1         |
| 15                       | 19             | 7.6             | 5500            | 1         |
| 16                       | 18             | 7.2             | 5499            | 1         |
| 17                       | 17             | 6.8             | 5499            | 1         |
| 18                       | 16             | 6.4             | 5498            | 1         |
| 19                       | 15             | 6               | 5498            | 1         |
| 20                       | 14             | 5.6             | 5498            | 1         |
| 21                       | 13             | 5.2             | 5563            | 1         |
| 22                       | 12             | 4.8             | 5563            | 1         |
| 23                       | 11             | 4.4             | 5564            | 1         |
| 24                       | 10             | 4               | 5564            | 1         |
| 25                       | 9              | 3.6             | 5564            | 1         |
| 26                       | 8              | 3.2             | 5565            | 1         |
| 27                       | 18             | 7.2             | 5561            | 1         |
| 28                       | 19             | 7.6             | 5560            | 1         |
| 29                       | 20             | 8               | 5560            | 1         |
| 30                       | 5              | 2               | 5566            | 1         |
| Total                    |                |                 |                 | 30        |
| Detection Percentage (%) |                |                 |                 | 100%      |
| Limit                    |                |                 |                 | 80%       |
| Test Result              |                |                 |                 | Complied  |



| <b>Trial Number</b>                                  |                      |                         | 1                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 8                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 62.1                    | 5                        | -                                | -                                | 1091                                          |
| 2                                                    | 2                    | 56                      | 5                        | 1729                             | -                                | 133                                           |
| 3                                                    | 2                    | 91.3                    | 5                        | 1230                             | -                                | 1057                                          |
| 4                                                    | 3                    | 50.7                    | 5                        | 1762                             | 1616                             | 1442                                          |
| 5                                                    | 2                    | 92.6                    | 5                        | 1723                             | -                                | 544                                           |
| 6                                                    | 2                    | 87.3                    | 5                        | 1302                             | -                                | 1089                                          |
| 7                                                    | 2                    | 59.5                    | 5                        | 1291                             | -                                | 1374                                          |
| 8                                                    | 2                    | 52.2                    | 5                        | 1653                             | -                                | 1237                                          |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 0                                             |

| <b>Trial Number</b>                                  |                      |                         | 2                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 9                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 90                      | 20                       | 1007                             | 1326                             | 30                                            |
| 2                                                    | 2                    | 73.7                    | 20                       | 1785                             | -                                | 979                                           |
| 3                                                    | 1                    | 78.1                    | 20                       | -                                | -                                | 683                                           |
| 4                                                    | 2                    | 92.4                    | 20                       | 1281                             | -                                | 950                                           |
| 5                                                    | 1                    | 61.2                    | 20                       | -                                | -                                | 612                                           |
| 6                                                    | 3                    | 67.2                    | 20                       | 1525                             | 1870                             | 17                                            |
| 7                                                    | 1                    | 78.5                    | 20                       | -                                | -                                | 429                                           |
| 8                                                    | 2                    | 60.3                    | 20                       | 1931                             | -                                | 936                                           |
| 9                                                    | 3                    | 92.9                    | 20                       | 1403                             | 1476                             | 548                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 3                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 10                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 3                    | 63.4                    | 7                        | 1574                             | 1607                             | 801                                           |
| 2                                             | 1                    | 98                      | 7                        | -                                | -                                | 966                                           |
| 3                                             | 1                    | 58.7                    | 7                        | -                                | -                                | 185                                           |
| 4                                             | 1                    | 88                      | 7                        | -                                | -                                | 1012                                          |
| 5                                             | 3                    | 79.5                    | 7                        | 1562                             | 1370                             | 943                                           |
| 6                                             | 3                    | 57.1                    | 7                        | 1900                             | 1188                             | 686                                           |
| 7                                             | 2                    | 64.4                    | 7                        | 1090                             | -                                | 599                                           |
| 8                                             | 1                    | 78.7                    | 7                        | -                                | -                                | 1089                                          |
| 9                                             | 1                    | 69.3                    | 7                        | -                                | -                                | 188                                           |
| 10                                            | 3                    | 55.3                    | 7                        | 1375                             | 1691                             | 933                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 4                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 74.3                    | 8                        | 1642                             | -                                | 24                                            |
| 2                                             | 1                    | 83.1                    | 8                        | -                                | -                                | 985                                           |
| 3                                             | 2                    | 59.5                    | 8                        | 1680                             | -                                | 988                                           |
| 4                                             | 2                    | 59.8                    | 8                        | 1786                             | -                                | 800                                           |
| 5                                             | 2                    | 77.6                    | 8                        | 1617                             | -                                | 339                                           |
| 6                                             | 2                    | 79.9                    | 8                        | 1553                             | -                                | 1040                                          |
| 7                                             | 1                    | 56                      | 8                        | -                                | -                                | 544                                           |
| 8                                             | 3                    | 71.4                    | 8                        | 1406                             | 1927                             | 452                                           |
| 9                                             | 1                    | 97.4                    | 8                        | -                                | -                                | 204                                           |
| 10                                            | 2                    | 98.3                    | 8                        | 1037                             | -                                | 926                                           |
| 11                                            | 1                    | 63.6                    | 8                        | -                                | -                                | 1052                                          |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 5                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 12                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 50                      | 9                        | -                                | -                                | 557                                           |
| 2                                             | 2                    | 62.5                    | 9                        | 1731                             | -                                | 567                                           |
| 3                                             | 2                    | 55.4                    | 9                        | 1070                             | -                                | 460                                           |
| 4                                             | 1                    | 65.7                    | 9                        | -                                | -                                | 4                                             |
| 5                                             | 2                    | 58                      | 9                        | 1512                             | -                                | 64                                            |
| 6                                             | 2                    | 60.9                    | 9                        | 1230                             | -                                | 650                                           |
| 7                                             | 3                    | 89.6                    | 9                        | 1598                             | 1738                             | 235                                           |
| 8                                             | 3                    | 84.4                    | 9                        | 1271                             | 1617                             | 873                                           |
| 9                                             | 3                    | 72.3                    | 9                        | 1498                             | 1321                             | 901                                           |
| 10                                            | 1                    | 58.9                    | 9                        | -                                | -                                | 663                                           |
| 11                                            | 2                    | 74.8                    | 9                        | 1584                             | -                                | 919                                           |
| 12                                            | 1                    | 71.8                    | 9                        | -                                | -                                | 375                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 6                        |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 13                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 88.1                    | 10                       | 1257                             | -                                | 846                                           |
| 2                                             | 1                    | 58.7                    | 10                       | -                                | -                                | 725                                           |
| 3                                             | 2                    | 97.1                    | 10                       | 1037                             | -                                | 30                                            |
| 4                                             | 3                    | 83.1                    | 10                       | 1029                             | 1106                             | 490                                           |
| 5                                             | 1                    | 62.1                    | 10                       | -                                | -                                | 262                                           |
| 6                                             | 2                    | 71.4                    | 10                       | 1058                             | -                                | 283                                           |
| 7                                             | 2                    | 86.3                    | 10                       | 1867                             | -                                | 49                                            |
| 8                                             | 3                    | 77.3                    | 10                       | 1418                             | 1876                             | 634                                           |
| 9                                             | 1                    | 78.9                    | 10                       | -                                | -                                | 304                                           |
| 10                                            | 3                    | 79.2                    | 10                       | 1055                             | 1572                             | 564                                           |
| 11                                            | 3                    | 52                      | 10                       | 1582                             | 1836                             | 852                                           |
| 12                                            | 3                    | 56.5                    | 10                       | 1195                             | 1542                             | 525                                           |
| 13                                            | 3                    | 100                     | 10                       | 1638                             | 1729                             | 750                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 7                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 14                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5530              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 92.7             | 11                | 1208                      | -                         | 231                                    |
| 2                                             | 2             | 81.3             | 11                | 1144                      | -                         | 804                                    |
| 3                                             | 2             | 60.4             | 11                | 1555                      | -                         | 34                                     |
| 4                                             | 2             | 62.1             | 11                | 1320                      | -                         | 427                                    |
| 5                                             | 1             | 50               | 11                | -                         | -                         | 577                                    |
| 6                                             | 3             | 65.9             | 11                | 1020                      | 1365                      | 3                                      |
| 7                                             | 2             | 73.8             | 11                | 1308                      | -                         | 51                                     |
| 8                                             | 2             | 74.3             | 11                | 1143                      | -                         | 360                                    |
| 9                                             | 1             | 62.9             | 11                | -                         | -                         | 394                                    |
| 10                                            | 2             | 74.8             | 11                | 1404                      | -                         | 317                                    |
| 11                                            | 2             | 69.7             | 11                | 1309                      | -                         | 532                                    |
| 12                                            | 2             | 69.8             | 11                | 1688                      | -                         | 339                                    |
| 13                                            | 2             | 77.4             | 11                | 1857                      | -                         | 381                                    |
| 14                                            | 1             | 55.1             | 11                | -                         | -                         | 426                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 8                 |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 15                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5530              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 91.7             | 12                | -                         | -                         | 776                                    |
| 2                                             | 2             | 90               | 12                | 1196                      | -                         | 187                                    |
| 3                                             | 3             | 92.3             | 12                | 1486                      | 1853                      | 448                                    |
| 4                                             | 2             | 66.8             | 12                | 1545                      | -                         | 702                                    |
| 5                                             | 1             | 64               | 12                | -                         | -                         | 403                                    |
| 6                                             | 3             | 95.4             | 12                | 1123                      | 1473                      | 230                                    |
| 7                                             | 3             | 66.8             | 12                | 1867                      | 1401                      | 604                                    |
| 8                                             | 3             | 67.7             | 12                | 1472                      | 1397                      | 38                                     |
| 9                                             | 1             | 68.2             | 12                | -                         | -                         | 735                                    |
| 10                                            | 2             | 82.2             | 12                | 1297                      | -                         | 610                                    |
| 11                                            | 1             | 92.1             | 12                | -                         | -                         | 618                                    |
| 12                                            | 2             | 57               | 12                | 1764                      | -                         | 705                                    |
| 13                                            | 2             | 58.5             | 12                | 1310                      | -                         | 22                                     |
| 14                                            | 3             | 85.5             | 12                | 1630                      | 1447                      | 641                                    |
| 15                                            | 2             | 82.2             | 12                | 1371                      | -                         | 109                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 9                        |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 16                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 74.4                    | 13                       | 1707                             | -                                | 442                                           |
| 2                                                    | 2                    | 63.6                    | 13                       | 1725                             | -                                | 280                                           |
| 3                                                    | 2                    | 71.3                    | 13                       | 1704                             | -                                | 459                                           |
| 4                                                    | 3                    | 77.6                    | 13                       | 1063                             | 1405                             | 197                                           |
| 5                                                    | 3                    | 65.2                    | 13                       | 1731                             | 1294                             | 101                                           |
| 6                                                    | 3                    | 55.1                    | 13                       | 1109                             | 1549                             | 17                                            |
| 7                                                    | 2                    | 96.8                    | 13                       | 1034                             | -                                | 131                                           |
| 8                                                    | 3                    | 80.8                    | 13                       | 1533                             | 1051                             | 365                                           |
| 9                                                    | 1                    | 60.4                    | 13                       | -                                | -                                | 222                                           |
| 10                                                   | 2                    | 61.8                    | 13                       | 1312                             | -                                | 371                                           |
| 11                                                   | 2                    | 71.3                    | 13                       | 1657                             | -                                | 33                                            |
| 12                                                   | 2                    | 98.1                    | 13                       | 1024                             | -                                | 291                                           |
| 13                                                   | 1                    | 57.9                    | 13                       | -                                | -                                | 188                                           |
| 14                                                   | 1                    | 91.8                    | 13                       | -                                | -                                | 163                                           |
| 15                                                   | 2                    | 56.7                    | 13                       | 1259                             | -                                | 426                                           |
| 16                                                   | 2                    | 89.7                    | 13                       | 1690                             | -                                | 606                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 10                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 17                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5530                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 74.4                    | 14                       | 1107                             | -                                | 462                                           |
| 2                                                    | 1                    | 87.6                    | 14                       | -                                | -                                | 653                                           |
| 3                                                    | 2                    | 61.7                    | 14                       | 1741                             | -                                | 457                                           |
| 4                                                    | 2                    | 57.5                    | 14                       | 1566                             | -                                | 388                                           |
| 5                                                    | 2                    | 66.1                    | 14                       | 1855                             | -                                | 63                                            |
| 6                                                    | 3                    | 70.1                    | 14                       | 1044                             | 1012                             | 136                                           |
| 7                                                    | 1                    | 66.4                    | 14                       | -                                | -                                | 343                                           |
| 8                                                    | 1                    | 59.2                    | 14                       | -                                | -                                | 349                                           |
| 9                                                    | 2                    | 88.3                    | 14                       | 1240                             | -                                | 362                                           |
| 10                                                   | 1                    | 64.7                    | 14                       | -                                | -                                | 221                                           |
| 11                                                   | 2                    | 73                      | 14                       | 1703                             | -                                | 144                                           |
| 12                                                   | 2                    | 81.7                    | 14                       | 1450                             | -                                | 671                                           |
| 13                                                   | 3                    | 70.1                    | 14                       | 1741                             | 1278                             | 320                                           |
| 14                                                   | 1                    | 63.6                    | 14                       | -                                | -                                | 196                                           |
| 15                                                   | 1                    | 58.7                    | 14                       | -                                | -                                | 413                                           |
| 16                                                   | 2                    | 65.9                    | 14                       | 1478                             | -                                | 170                                           |
| 17                                                   | 1                    | 72.7                    | 14                       | -                                | -                                | 564                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 11                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 72.1                    | 15                       | 1193                             | -                                | 130                                           |
| 2                                                    | 3                    | 76.3                    | 15                       | 1484                             | 1390                             | 114                                           |
| 3                                                    | 1                    | 86.1                    | 15                       | -                                | -                                | 14                                            |
| 4                                                    | 1                    | 73.2                    | 15                       | -                                | -                                | 604                                           |
| 5                                                    | 1                    | 81.2                    | 15                       | -                                | -                                | 548                                           |
| 6                                                    | 2                    | 99.5                    | 15                       | 1398                             | -                                | 173                                           |
| 7                                                    | 1                    | 93.9                    | 15                       | -                                | -                                | 262                                           |
| 8                                                    | 2                    | 75.9                    | 15                       | 1921                             | -                                | 38                                            |
| 9                                                    | 3                    | 79.2                    | 15                       | 1100                             | 1429                             | 84                                            |
| 10                                                   | 3                    | 77                      | 15                       | 1166                             | 1799                             | 610                                           |
| 11                                                   | 1                    | 91.8                    | 15                       | -                                | -                                | 339                                           |
| 12                                                   | 3                    | 56.8                    | 15                       | 1330                             | 1556                             | 580                                           |
| 13                                                   | 2                    | 83.1                    | 15                       | 1556                             | -                                | 295                                           |
| 14                                                   | 2                    | 63                      | 15                       | 1552                             | -                                | 156                                           |
| 15                                                   | 1                    | 65.7                    | 15                       | -                                | -                                | 439                                           |
| 16                                                   | 1                    | 64.5                    | 15                       | -                                | -                                | 188                                           |
| 17                                                   | 1                    | 88.5                    | 15                       | -                                | -                                | 419                                           |
| 18                                                   | 1                    | 60.6                    | 15                       | -                                | -                                | 205                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 12                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 90.5                    | 16                       | 1299                             | -                                | 381                                           |
| 2                                                    | 2                    | 88.4                    | 16                       | 1418                             | -                                | 327                                           |
| 3                                                    | 2                    | 53.7                    | 16                       | 1055                             | -                                | 536                                           |
| 4                                                    | 1                    | 80.5                    | 16                       | -                                | -                                | 285                                           |
| 5                                                    | 1                    | 50.4                    | 16                       | -                                | -                                | 398                                           |
| 6                                                    | 2                    | 61.2                    | 16                       | 1749                             | -                                | 439                                           |
| 7                                                    | 2                    | 78.8                    | 16                       | 1065                             | -                                | 129                                           |
| 8                                                    | 3                    | 75                      | 16                       | 1748                             | 1820                             | 325                                           |
| 9                                                    | 2                    | 96.7                    | 16                       | 1254                             | -                                | 440                                           |
| 10                                                   | 3                    | 76.3                    | 16                       | 1848                             | 1106                             | 397                                           |
| 11                                                   | 1                    | 73.3                    | 16                       | -                                | -                                | 232                                           |
| 12                                                   | 2                    | 92.4                    | 16                       | 1317                             | -                                | 91                                            |
| 13                                                   | 2                    | 92.4                    | 16                       | 1854                             | -                                | 256                                           |
| 14                                                   | 3                    | 64.4                    | 16                       | 1240                             | 1634                             | 582                                           |
| 15                                                   | 2                    | 67.3                    | 16                       | 1473                             | -                                | 117                                           |
| 16                                                   | 2                    | 84.1                    | 16                       | 1795                             | -                                | 202                                           |
| 17                                                   | 1                    | 80.9                    | 16                       | -                                | -                                | 135                                           |
| 18                                                   | 1                    | 74.6                    | 16                       | -                                | -                                | 396                                           |
| 19                                                   | 2                    | 97.6                    | 16                       | 1805                             | -                                | 615                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 13                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 20                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5499              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 66.1             | 17                | 1417                      | -                         | 388                                    |
| 2                                             | 2             | 86.7             | 17                | 1693                      | -                         | 348                                    |
| 3                                             | 2             | 70.5             | 17                | 1263                      | -                         | 215                                    |
| 4                                             | 2             | 78               | 17                | 1446                      | -                         | 28                                     |
| 5                                             | 2             | 66               | 17                | 1185                      | -                         | 585                                    |
| 6                                             | 2             | 80.6             | 17                | 1855                      | -                         | 65                                     |
| 7                                             | 1             | 95.5             | 17                | -                         | -                         | 92                                     |
| 8                                             | 1             | 98.8             | 17                | -                         | -                         | 68                                     |
| 9                                             | 3             | 64.3             | 17                | 1641                      | 1108                      | 517                                    |
| 10                                            | 1             | 75.1             | 17                | -                         | -                         | 121                                    |
| 11                                            | 2             | 72.6             | 17                | 1499                      | -                         | 448                                    |
| 12                                            | 1             | 60.3             | 17                | -                         | -                         | 567                                    |
| 13                                            | 2             | 54.9             | 17                | 1056                      | -                         | 245                                    |
| 14                                            | 2             | 98.8             | 17                | 1023                      | -                         | 584                                    |
| 15                                            | 2             | 60.9             | 17                | 1243                      | -                         | 579                                    |
| 16                                            | 2             | 62.7             | 17                | 1226                      | -                         | 464                                    |
| 17                                            | 1             | 80.1             | 17                | -                         | -                         | 89                                     |
| 18                                            | 2             | 70.9             | 17                | 1711                      | -                         | 153                                    |
| 19                                            | 1             | 90.7             | 17                | -                         | -                         | 282                                    |
| 20                                            | 1             | 98.9             | 17                | -                         | -                         | 71                                     |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 14                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 8                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5500              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 2             | 67.5             | 20                | 1542                      | -                         | 947                                    |
| 2                                             | 3             | 83.6             | 20                | 1272                      | 1696                      | 124                                    |
| 3                                             | 2             | 93.2             | 20                | 1877                      | -                         | 701                                    |
| 4                                             | 1             | 55.6             | 20                | -                         | -                         | 1123                                   |
| 5                                             | 3             | 84.2             | 20                | 1733                      | 1619                      | 756                                    |
| 6                                             | 3             | 69.1             | 20                | 1612                      | 1071                      | 1                                      |
| 7                                             | 2             | 66.9             | 20                | 1905                      | -                         | 7                                      |
| 8                                             | 3             | 86.8             | 20                | 1697                      | 1621                      | 1082                                   |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                                  |                      |                         | 15                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 9                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5500                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 62.2                    | 19                       | 1571                             | -                                | 949                                           |
| 2                                                    | 2                    | 85                      | 19                       | 1669                             | -                                | 189                                           |
| 3                                                    | 2                    | 64.5                    | 19                       | 1505                             | -                                | 176                                           |
| 4                                                    | 2                    | 50.4                    | 19                       | 1325                             | -                                | 538                                           |
| 5                                                    | 2                    | 66.1                    | 19                       | 1483                             | -                                | 908                                           |
| 6                                                    | 2                    | 71.2                    | 19                       | 1110                             | -                                | 1017                                          |
| 7                                                    | 3                    | 53.7                    | 19                       | 1445                             | 1677                             | 492                                           |
| 8                                                    | 3                    | 62.5                    | 19                       | 1596                             | 1341                             | 349                                           |
| 9                                                    | 3                    | 62                      | 19                       | 1929                             | 1221                             | 1105                                          |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 16                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 10                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5499                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 80.5                    | 18                       | 1910                             | -                                | 284                                           |
| 2                                                    | 2                    | 64.2                    | 18                       | 1661                             | -                                | 751                                           |
| 3                                                    | 2                    | 90.1                    | 18                       | 1041                             | -                                | 491                                           |
| 4                                                    | 2                    | 69.8                    | 18                       | 1495                             | -                                | 107                                           |
| 5                                                    | 1                    | 73.1                    | 18                       | -                                | -                                | 490                                           |
| 6                                                    | 3                    | 77.2                    | 18                       | 1418                             | 1145                             | 1155                                          |
| 7                                                    | 3                    | 52.6                    | 18                       | 1732                             | 1787                             | 772                                           |
| 8                                                    | 2                    | 71.4                    | 18                       | 1562                             | -                                | 121                                           |
| 9                                                    | 2                    | 89.8                    | 18                       | 1491                             | -                                | 89                                            |
| 10                                                   | 2                    | 76.4                    | 18                       | 1355                             | -                                | 615                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 17                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5499                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 51.2                    | 17                       | 1236                             | -                                | 740                                           |
| 2                                             | 1                    | 71.7                    | 17                       | -                                | -                                | 941                                           |
| 3                                             | 2                    | 74.7                    | 17                       | 1164                             | -                                | 370                                           |
| 4                                             | 2                    | 50.9                    | 17                       | 1919                             | -                                | 371                                           |
| 5                                             | 2                    | 65.2                    | 17                       | 1206                             | -                                | 1033                                          |
| 6                                             | 2                    | 98                      | 17                       | 1182                             | -                                | 346                                           |
| 7                                             | 2                    | 58.7                    | 17                       | 1612                             | -                                | 639                                           |
| 8                                             | 1                    | 63.8                    | 17                       | -                                | -                                | 1056                                          |
| 9                                             | 3                    | 86.3                    | 17                       | 1545                             | 1065                             | 205                                           |
| 10                                            | 1                    | 94.4                    | 17                       | -                                | -                                | 753                                           |
| 11                                            | 3                    | 88.5                    | 17                       | 1699                             | 1319                             | 58                                            |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 18                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 12                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 88.7                    | 16                       | 1405                             | -                                | 448                                           |
| 2                                             | 3                    | 90.2                    | 16                       | 1544                             | 1235                             | 621                                           |
| 3                                             | 1                    | 96.5                    | 16                       | -                                | -                                | 512                                           |
| 4                                             | 2                    | 80.5                    | 16                       | 1090                             | -                                | 321                                           |
| 5                                             | 2                    | 63.7                    | 16                       | 1268                             | -                                | 798                                           |
| 6                                             | 1                    | 53.4                    | 16                       | -                                | -                                | 809                                           |
| 7                                             | 2                    | 52.3                    | 16                       | 1043                             | -                                | 301                                           |
| 8                                             | 3                    | 54.7                    | 16                       | 1701                             | 1104                             | 796                                           |
| 9                                             | 3                    | 75.6                    | 16                       | 1923                             | 1729                             | 669                                           |
| 10                                            | 2                    | 59.2                    | 16                       | 1244                             | -                                | 369                                           |
| 11                                            | 1                    | 56.3                    | 16                       | -                                | -                                | 51                                            |
| 12                                            | 2                    | 87.8                    | 16                       | 1608                             | -                                | 733                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 19                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 13                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 68.2                    | 15                       | 1104                             | -                                | 229                                           |
| 2                                             | 2                    | 58.4                    | 15                       | 1627                             | -                                | 488                                           |
| 3                                             | 3                    | 74.7                    | 15                       | 1861                             | 1015                             | 137                                           |
| 4                                             | 2                    | 58.2                    | 15                       | 1593                             | -                                | 520                                           |
| 5                                             | 1                    | 51.6                    | 15                       | -                                | -                                | 799                                           |
| 6                                             | 2                    | 94.7                    | 15                       | 1469                             | -                                | 43                                            |
| 7                                             | 2                    | 70.7                    | 15                       | 1091                             | -                                | 126                                           |
| 8                                             | 2                    | 82.9                    | 15                       | 1472                             | -                                | 607                                           |
| 9                                             | 3                    | 62.7                    | 15                       | 1168                             | 1453                             | 527                                           |
| 10                                            | 2                    | 63.1                    | 15                       | 1529                             | -                                | 143                                           |
| 11                                            | 1                    | 96.1                    | 15                       | -                                | -                                | 176                                           |
| 12                                            | 2                    | 57                      | 15                       | 1457                             | -                                | 882                                           |
| 13                                            | 3                    | 95.6                    | 15                       | 1707                             | 1501                             | 214                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 20                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 14                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5498                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 95.7                    | 14                       | -                                | -                                | 117                                           |
| 2                                             | 1                    | 93.1                    | 14                       | -                                | -                                | 720                                           |
| 3                                             | 1                    | 55.8                    | 14                       | -                                | -                                | 297                                           |
| 4                                             | 1                    | 76.7                    | 14                       | -                                | -                                | 284                                           |
| 5                                             | 2                    | 68                      | 14                       | 1686                             | -                                | 472                                           |
| 6                                             | 3                    | 94.1                    | 14                       | 1796                             | 1393                             | 264                                           |
| 7                                             | 2                    | 53.9                    | 14                       | 1293                             | -                                | 525                                           |
| 8                                             | 1                    | 99.3                    | 14                       | -                                | -                                | 155                                           |
| 9                                             | 2                    | 73.3                    | 14                       | 1458                             | -                                | 65                                            |
| 10                                            | 2                    | 93.3                    | 14                       | 1196                             | -                                | 451                                           |
| 11                                            | 3                    | 55.8                    | 14                       | 1895                             | 1034                             | 243                                           |
| 12                                            | 1                    | 66.4                    | 14                       | -                                | -                                | 228                                           |
| 13                                            | 2                    | 65.6                    | 14                       | 1732                             | -                                | 746                                           |
| 14                                            | 2                    | 76.5                    | 14                       | 1187                             | -                                | 522                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |                      |                         | 21                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 15                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5563                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 1                    | 85.1                    | 13                       | -                                | -                                | 565                                           |
| 2                                             | 2                    | 72.5                    | 13                       | 1648                             | -                                | 211                                           |
| 3                                             | 1                    | 67.5                    | 13                       | -                                | -                                | 348                                           |
| 4                                             | 2                    | 56.1                    | 13                       | 1360                             | -                                | 156                                           |
| 5                                             | 1                    | 71.1                    | 13                       | -                                | -                                | 718                                           |
| 6                                             | 2                    | 93.1                    | 13                       | 1391                             | -                                | 400                                           |
| 7                                             | 1                    | 56.5                    | 13                       | -                                | -                                | 482                                           |
| 8                                             | 1                    | 63.8                    | 13                       | -                                | -                                | 703                                           |
| 9                                             | 2                    | 67.4                    | 13                       | 1727                             | -                                | 780                                           |
| 10                                            | 1                    | 52.3                    | 13                       | -                                | -                                | 102                                           |
| 11                                            | 3                    | 62.4                    | 13                       | 1228                             | 1715                             | 304                                           |
| 12                                            | 2                    | 53.3                    | 13                       | 1630                             | -                                | 57                                            |
| 13                                            | 2                    | 83.1                    | 13                       | 1205                             | -                                | 768                                           |
| 14                                            | 2                    | 93.7                    | 13                       | 1085                             | -                                | 461                                           |
| 15                                            | 2                    | 90.7                    | 13                       | 1297                             | -                                | 746                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                           |                      |                         | 22                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 16                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5563                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 2                    | 98.8                    | 12                       | 1439                             | -                                | 95                                            |
| 2                                             | 1                    | 54.5                    | 12                       | -                                | -                                | 676                                           |
| 3                                             | 2                    | 80.5                    | 12                       | 1360                             | -                                | 8                                             |
| 4                                             | 2                    | 55.9                    | 12                       | 1906                             | -                                | 373                                           |
| 5                                             | 2                    | 72.1                    | 12                       | 1623                             | -                                | 254                                           |
| 6                                             | 2                    | 84.4                    | 12                       | 1604                             | -                                | 480                                           |
| 7                                             | 1                    | 78.5                    | 12                       | -                                | -                                | 663                                           |
| 8                                             | 1                    | 88                      | 12                       | -                                | -                                | 314                                           |
| 9                                             | 2                    | 74.7                    | 12                       | 1157                             | -                                | 596                                           |
| 10                                            | 2                    | 97.1                    | 12                       | 1673                             | -                                | 264                                           |
| 11                                            | 1                    | 81.6                    | 12                       | -                                | -                                | 740                                           |
| 12                                            | 1                    | 83.6                    | 12                       | -                                | -                                | 163                                           |
| 13                                            | 3                    | 87.6                    | 12                       | 1757                             | 1322                             | 628                                           |
| 14                                            | 2                    | 58.5                    | 12                       | 1372                             | -                                | 132                                           |
| 15                                            | 3                    | 91.8                    | 12                       | 1767                             | 1183                             | 106                                           |
| 16                                            | 2                    | 58.8                    | 12                       | 1432                             | -                                | 659                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 23                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 17                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5564                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 96                      | 11                       | -                                | -                                | 284                                           |
| 2                                                    | 2                    | 92.5                    | 11                       | 1241                             | -                                | 488                                           |
| 3                                                    | 2                    | 89.5                    | 11                       | 1347                             | -                                | 76                                            |
| 4                                                    | 2                    | 74.8                    | 11                       | 1607                             | -                                | 688                                           |
| 5                                                    | 2                    | 60.6                    | 11                       | 1523                             | -                                | 28                                            |
| 6                                                    | 2                    | 71.5                    | 11                       | 1659                             | -                                | 383                                           |
| 7                                                    | 2                    | 71.1                    | 11                       | 1454                             | -                                | 182                                           |
| 8                                                    | 1                    | 98.7                    | 11                       | -                                | -                                | 20                                            |
| 9                                                    | 2                    | 85.1                    | 11                       | 1770                             | -                                | 576                                           |
| 10                                                   | 2                    | 89.2                    | 11                       | 1086                             | -                                | 410                                           |
| 11                                                   | 2                    | 60.7                    | 11                       | 1101                             | -                                | 458                                           |
| 12                                                   | 2                    | 75.2                    | 11                       | 1719                             | -                                | 348                                           |
| 13                                                   | 2                    | 75.7                    | 11                       | 1799                             | -                                | 481                                           |
| 14                                                   | 3                    | 56.7                    | 11                       | 1132                             | 1884                             | 587                                           |
| 15                                                   | 2                    | 65                      | 11                       | 1885                             | -                                | 480                                           |
| 16                                                   | 2                    | 64.6                    | 11                       | 1910                             | -                                | 195                                           |
| 17                                                   | 3                    | 69.9                    | 11                       | 1410                             | 1190                             | 396                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 24                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 18                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5564                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 83.8                    | 10                       | 1290                             | 1021                             | 536                                           |
| 2                                                    | 2                    | 66.9                    | 10                       | 1112                             | -                                | 44                                            |
| 3                                                    | 3                    | 91                      | 10                       | 1220                             | 1504                             | 611                                           |
| 4                                                    | 2                    | 86.1                    | 10                       | 1678                             | -                                | 456                                           |
| 5                                                    | 3                    | 65.5                    | 10                       | 1928                             | 1222                             | 330                                           |
| 6                                                    | 1                    | 62.6                    | 10                       | -                                | -                                | 297                                           |
| 7                                                    | 3                    | 68.7                    | 10                       | 1505                             | 1200                             | 351                                           |
| 8                                                    | 3                    | 59.2                    | 10                       | 1452                             | 1114                             | 230                                           |
| 9                                                    | 1                    | 73.9                    | 10                       | -                                | -                                | 222                                           |
| 10                                                   | 1                    | 77.2                    | 10                       | -                                | -                                | 57                                            |
| 11                                                   | 2                    | 96.4                    | 10                       | 1357                             | -                                | 399                                           |
| 12                                                   | 2                    | 99.9                    | 10                       | 1173                             | -                                | 299                                           |
| 13                                                   | 2                    | 99.9                    | 10                       | 1520                             | -                                | 464                                           |
| 14                                                   | 1                    | 86.7                    | 10                       | -                                | -                                | 294                                           |
| 15                                                   | 1                    | 92.6                    | 10                       | -                                | -                                | 653                                           |
| 16                                                   | 1                    | 77.1                    | 10                       | -                                | -                                | 550                                           |
| 17                                                   | 2                    | 81.1                    | 10                       | 1664                             | -                                | 566                                           |
| 18                                                   | 3                    | 68.4                    | 10                       | 1536                             | 1309                             | 580                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 25                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 19                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5564                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 3                    | 68.2                    | 9                        | 1723                             | 1868                             | 471                                           |
| 2                                                    | 3                    | 83.7                    | 9                        | 1711                             | 1405                             | 368                                           |
| 3                                                    | 2                    | 69.7                    | 9                        | 1781                             | -                                | 425                                           |
| 4                                                    | 1                    | 59.7                    | 9                        | -                                | -                                | 440                                           |
| 5                                                    | 2                    | 96.7                    | 9                        | 1484                             | -                                | 123                                           |
| 6                                                    | 2                    | 95.8                    | 9                        | 1319                             | -                                | 261                                           |
| 7                                                    | 3                    | 71.3                    | 9                        | 1095                             | 1354                             | 332                                           |
| 8                                                    | 3                    | 53.2                    | 9                        | 1527                             | 1427                             | 427                                           |
| 9                                                    | 2                    | 69.5                    | 9                        | 1771                             | -                                | 397                                           |
| 10                                                   | 3                    | 63.9                    | 9                        | 1075                             | 1447                             | 67                                            |
| 11                                                   | 2                    | 93.4                    | 9                        | 1783                             | -                                | 174                                           |
| 12                                                   | 2                    | 77.3                    | 9                        | 1564                             | -                                | 17                                            |
| 13                                                   | 2                    | 73.1                    | 9                        | 1294                             | -                                | 216                                           |
| 14                                                   | 1                    | 77.4                    | 9                        | -                                | -                                | 292                                           |
| 15                                                   | 3                    | 57.2                    | 9                        | 1722                             | 1886                             | 619                                           |
| 16                                                   | 2                    | 68.7                    | 9                        | 1629                             | -                                | 233                                           |
| 17                                                   | 1                    | 60.8                    | 9                        | -                                | -                                | 226                                           |
| 18                                                   | 3                    | 69.7                    | 9                        | 1128                             | 1224                             | 599                                           |
| 19                                                   | 1                    | 62.2                    | 9                        | -                                | -                                | 433                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                                  |                      |                         | 26                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 20                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5565                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 1                    | 80.5                    | 8                        | -                                | -                                | 90                                            |
| 2                                                    | 3                    | 62.6                    | 8                        | 1406                             | 1343                             | 319                                           |
| 3                                                    | 3                    | 85.6                    | 8                        | 1190                             | 1529                             | 384                                           |
| 4                                                    | 2                    | 83.9                    | 8                        | 1208                             | -                                | 567                                           |
| 5                                                    | 2                    | 92.4                    | 8                        | 1488                             | -                                | 234                                           |
| 6                                                    | 2                    | 54                      | 8                        | 1529                             | -                                | 535                                           |
| 7                                                    | 3                    | 81.3                    | 8                        | 1501                             | 1812                             | 325                                           |
| 8                                                    | 1                    | 98.5                    | 8                        | -                                | -                                | 532                                           |
| 9                                                    | 1                    | 85.8                    | 8                        | -                                | -                                | 272                                           |
| 10                                                   | 2                    | 84.7                    | 8                        | 1593                             | -                                | 182                                           |
| 11                                                   | 2                    | 83.3                    | 8                        | 1705                             | -                                | 134                                           |
| 12                                                   | 2                    | 79.8                    | 8                        | 1567                             | -                                | 286                                           |
| 13                                                   | 1                    | 77.9                    | 8                        | -                                | -                                | 368                                           |
| 14                                                   | 3                    | 98.4                    | 8                        | 1510                             | 1569                             | 290                                           |
| 15                                                   | 2                    | 79.9                    | 8                        | 1588                             | -                                | 231                                           |
| 16                                                   | 3                    | 78                      | 8                        | 1140                             | 1353                             | 353                                           |
| 17                                                   | 3                    | 55.2                    | 8                        | 1700                             | 1327                             | 53                                            |
| 18                                                   | 3                    | 71.9                    | 8                        | 1081                             | 1224                             | 44                                            |
| 19                                                   | 1                    | 62                      | 8                        | -                                | -                                | 298                                           |
| 20                                                   | 3                    | 70.5                    | 8                        | 1888                             | 1442                             | 529                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |

| <b>Trial Number</b>                                  |                      |                         | 27                       |                                  |                                  |                                               |
|------------------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>                     |                      |                         | 8                        |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                        |                      |                         | 5561                     |                                  |                                  |                                               |
| <b>Burst</b>                                         | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                                    | 2                    | 69.1                    | 18                       | 1076                             | -                                | 1436                                          |
| 2                                                    | 2                    | 62.1                    | 18                       | 1688                             | -                                | 22                                            |
| 3                                                    | 2                    | 94.8                    | 18                       | 1891                             | -                                | 897                                           |
| 4                                                    | 1                    | 75.8                    | 18                       | -                                | -                                | 1186                                          |
| 5                                                    | 2                    | 65.4                    | 18                       | 1713                             | -                                | 589                                           |
| 6                                                    | 2                    | 97.7                    | 18                       | 1292                             | -                                | 614                                           |
| 7                                                    | 3                    | 98.1                    | 18                       | 1670                             | 1711                             | 506                                           |
| 8                                                    | 2                    | 85.4                    | 18                       | 1672                             | -                                | 776                                           |
| <b>Detection Check (1=Detection; 0=No Detection)</b> |                      |                         |                          |                                  |                                  | 1                                             |



| <b>Trial Number</b>                           |               |                  | 28                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 9                 |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5560              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 3             | 82               | 19                | 1233                      | 1713                      | 679                                    |
| 2                                             | 3             | 87.7             | 19                | 1554                      | 1123                      | 473                                    |
| 3                                             | 2             | 98.9             | 19                | 1518                      | -                         | 869                                    |
| 4                                             | 1             | 55               | 19                | -                         | -                         | 719                                    |
| 5                                             | 1             | 93.6             | 19                | -                         | -                         | 902                                    |
| 6                                             | 2             | 58.7             | 19                | 1641                      | -                         | 1243                                   |
| 7                                             | 2             | 88.7             | 19                | 1387                      | -                         | 410                                    |
| 8                                             | 1             | 60.3             | 19                | -                         | -                         | 1154                                   |
| 9                                             | 1             | 97.7             | 19                | -                         | -                         | 512                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |

| <b>Trial Number</b>                           |               |                  | 29                |                           |                           |                                        |
|-----------------------------------------------|---------------|------------------|-------------------|---------------------------|---------------------------|----------------------------------------|
| <b>Number of Bursts in Trial</b>              |               |                  | 10                |                           |                           |                                        |
| <b>Chirp Center Frequency</b>                 |               |                  | 5560              |                           |                           |                                        |
| Burst                                         | No. of Pulses | Pulse Width (us) | Chirp Width (MHz) | Pulse 1-to-2 Spacing (us) | Pulse 2-to-3 Spacing (us) | Starting Location Within Interval (ms) |
| 1                                             | 1             | 69.6             | 20                | -                         | -                         | 1131                                   |
| 2                                             | 1             | 74.5             | 20                | -                         | -                         | 290                                    |
| 3                                             | 1             | 60.9             | 20                | -                         | -                         | 895                                    |
| 4                                             | 1             | 74.6             | 20                | -                         | -                         | 202                                    |
| 5                                             | 2             | 99.3             | 20                | 1501                      | -                         | 139                                    |
| 6                                             | 2             | 95.3             | 20                | 1065                      | -                         | 854                                    |
| 7                                             | 2             | 91.9             | 20                | 1722                      | -                         | 219                                    |
| 8                                             | 2             | 51               | 20                | 1285                      | -                         | 57                                     |
| 9                                             | 2             | 87.7             | 20                | 1747                      | -                         | 141                                    |
| 10                                            | 1             | 87.2             | 20                | -                         | -                         | 596                                    |
| Detection Check (1=Detection; 0=No Detection) |               |                  |                   |                           |                           | 1                                      |



| <b>Trial Number</b>                           |                      |                         | 30                       |                                  |                                  |                                               |
|-----------------------------------------------|----------------------|-------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------------------------------|
| <b>Number of Bursts in Trial</b>              |                      |                         | 11                       |                                  |                                  |                                               |
| <b>Chirp Center Frequency</b>                 |                      |                         | 5566                     |                                  |                                  |                                               |
| <b>Burst</b>                                  | <b>No. of Pulses</b> | <b>Pulse Width (us)</b> | <b>Chirp Width (MHz)</b> | <b>Pulse 1-to-2 Spacing (us)</b> | <b>Pulse 2-to-3 Spacing (us)</b> | <b>Starting Location Within Interval (ms)</b> |
| 1                                             | 3                    | 59.9                    | 5                        | 1901                             | 1196                             | 935                                           |
| 2                                             | 2                    | 77.1                    | 5                        | 1590                             | -                                | 1038                                          |
| 3                                             | 2                    | 62.7                    | 5                        | 1227                             | -                                | 690                                           |
| 4                                             | 1                    | 77.1                    | 5                        | -                                | -                                | 547                                           |
| 5                                             | 3                    | 99.8                    | 5                        | 1798                             | 1790                             | 551                                           |
| 6                                             | 2                    | 61.5                    | 5                        | 1135                             | -                                | 876                                           |
| 7                                             | 2                    | 77.5                    | 5                        | 1583                             | -                                | 448                                           |
| 8                                             | 2                    | 57.3                    | 5                        | 1890                             | -                                | 736                                           |
| 9                                             | 2                    | 53.5                    | 5                        | 1757                             | -                                | 362                                           |
| 10                                            | 1                    | 66.6                    | 5                        | -                                | -                                | 836                                           |
| 11                                            | 3                    | 80.7                    | 5                        | 1811                             | 1289                             | 410                                           |
| Detection Check (1=Detection; 0=No Detection) |                      |                         |                          |                                  |                                  | 1                                             |



**Type 6 Radar Statistical Performance**

| Trial #                  | Test Freq. (MHz) | Pulses / Hop | Pulse Width (us) | PRI (us) | 1=Detection<br>0=No Detection |
|--------------------------|------------------|--------------|------------------|----------|-------------------------------|
| 1                        | 5530             | 9            | 1                | 333      | 1                             |
| 2                        | 5530             | 9            | 1                | 333      | 1                             |
| 3                        | 5530             | 9            | 1                | 333      | 1                             |
| 4                        | 5530             | 9            | 1                | 333      | 1                             |
| 5                        | 5530             | 9            | 1                | 333      | 1                             |
| 6                        | 5530             | 9            | 1                | 333      | 1                             |
| 7                        | 5530             | 9            | 1                | 333      | 1                             |
| 8                        | 5530             | 9            | 1                | 333      | 1                             |
| 9                        | 5530             | 9            | 1                | 333      | 0                             |
| 10                       | 5530             | 9            | 1                | 333      | 1                             |
| 11                       | 5530             | 9            | 1                | 333      | 1                             |
| 12                       | 5530             | 9            | 1                | 333      | 1                             |
| 13                       | 5530             | 9            | 1                | 333      | 0                             |
| 14                       | 5530             | 9            | 1                | 333      | 1                             |
| 15                       | 5530             | 9            | 1                | 333      | 1                             |
| 16                       | 5530             | 9            | 1                | 333      | 1                             |
| 17                       | 5530             | 9            | 1                | 333      | 0                             |
| 18                       | 5530             | 9            | 1                | 333      | 1                             |
| 19                       | 5530             | 9            | 1                | 333      | 1                             |
| 20                       | 5530             | 9            | 1                | 333      | 1                             |
| 21                       | 5530             | 9            | 1                | 333      | 1                             |
| 22                       | 5530             | 9            | 1                | 333      | 1                             |
| 23                       | 5530             | 9            | 1                | 333      | 1                             |
| 24                       | 5530             | 9            | 1                | 333      | 1                             |
| 25                       | 5530             | 9            | 1                | 333      | 1                             |
| 26                       | 5530             | 9            | 1                | 333      | 1                             |
| 27                       | 5530             | 9            | 1                | 333      | 1                             |
| 28                       | 5530             | 9            | 1                | 333      | 1                             |
| 29                       | 5530             | 9            | 1                | 333      | 1                             |
| 30                       | 5530             | 9            | 1                | 333      | 1                             |
| Detection Percentage (%) |                  |              |                  |          | 90.000                        |
| Limit                    |                  |              |                  |          | 70%                           |
| <b>Test Result</b>       |                  |              |                  |          | <b>Complied</b>               |

## 4 Test Equipment and Calibration Data

| Instrument              | Manufacturer | Model No. | Serial No.    | Characteristics | Calibration Date | Remark              |
|-------------------------|--------------|-----------|---------------|-----------------|------------------|---------------------|
| Spectrum Analyzer       | R&S          | FSV40     | 101026        | 9kHz~40GHz      | Sep. 15, 2015    | Conducted (DF01-CB) |
| Signal Generator        | R&S          | SMR40     | 100302        | 10MHz-40GHz     | Jan. 08, 2016    | Conducted (DF01-CB) |
| Vector Signal generator | R&S          | SMU200A   | 102782        | 25MHz-6GHz      | Nov. 06, 2015    | Conducted (DF01-CB) |
| Horn Antenna            | COM-POWER    | AHA-118   | 701105        | 1GHz – 18GHz    | Sep. 25, 2015    | Conducted (DF01-CB) |
| Horn Antenna            | COM-POWER    | AH-118    | 071042        | 1GHz – 18GHz    | Dec. 10, 2015    | Conducted (DF01-CB) |
| RF Power Divider        | ANAREN       | 2 Way     | DFS-01-DV-02  | 1GHz ~ 6GHz     | Nov. 07, 2015    | Conducted (DF01-CB) |
| RF Power Divider        | MTJ          | 2 Way     | DFS-01-DV-03  | 1GHz ~ 6GHz     | Nov. 07, 2015    | Conducted (DF01-CB) |
| RF Power Divider        | ANAREN       | 4 Way     | DFS-01-DV-01  | 1GHz ~ 6GHz     | Nov. 07, 2015    | Conducted (DF01-CB) |
| RF Cable-high           | Woken        | RG402     | High Cable-57 | 1 GHz –18 GHz   | Nov. 02, 2015    | Conducted (DF01-CB) |
| RF Cable-high           | Woken        | RG402     | High Cable-58 | 1 GHz –18 GHz   | Nov. 02, 2015    | Conducted (DF01-CB) |

Note: Calibration Interval of instruments listed above is one year.

## 5 Measurement Uncertainty

| Test Items        | Uncertainty | Remark                   |
|-------------------|-------------|--------------------------|
| Radiated Emission | 2.9 dB      | Confidence levels of 95% |