

# FCC DFS Test Report

**Equipment** : Wireless Gateway  
**Brand Name** : COMTREND  
**Model No.** : NexusLink 3240u, NexusLink 3240, NexusLink 3120ua, NexusLink 3120, WAP-5859ua, WR-6895  
**FCC ID** : L9VNL3240U  
**Standard** : 47 CFR FCC Part 15.407  
**Frequency Range** : 5250 MHz – 5350 MHz  
5470 MHz – 5725 MHz  
**Applicant / Manufacturer** : COMTREND Corporation  
3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan  
**Operate Mode** : Master

The product sample received on May 31, 2017 and completely tested on Sep. 06, 2017. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in 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.

  
Phoenix 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                             | KDB 905462 7.8.1   | DFS: UNII Detection Bandwidth Measurement                                | 100% of the 99% BW                      | Complied |
| 3.4                             | KDB 905462 7.8.2.1 | DFS: Initial Channel Availability Check Time                             | CAC $\geq$ 60 sec                       | Complied |
| 3.4                             | 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                             | 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                             | KDB 905462 7.8.3   | DFS: In-Service Monitoring for Channel Move Time (CMT)                   | CMT $\leq$ 10sec                        | Complied |
| 3.5                             | 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                             | KDB 905462 7.8.3   | DFS: In-Service Monitoring for Non-Occupancy Period (NOP)                | NOP $\geq$ 30 min                       | Complied |
| 3.6                             | KDB 905462 7.8.4   | DFS: Statistical Performance Check                                       | Table 5 - 7 (KDB 905462)                | Complied |
| 3.1.4                           | KDB 905462 8.1     | User Access Restrictions                                                 | DFS controls                            | Complied |



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FCC ID : L9VNL3240U

# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

| Specification Items                                                                                                  | Description                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>                                                                                                  | WLAN (4TX, 4RX)                                                                                                                                                                                 |
| <b>Radio Type</b>                                                                                                    | Intentional Transceiver                                                                                                                                                                         |
| <b>Power Type</b>                                                                                                    | From power adapter                                                                                                                                                                              |
| <b>Modulation</b>                                                                                                    | IEEE 802.11a: OFDM (BPSK / QPSK / 16QAM / 64QAM)<br>IEEE 802.11n/ac: see the below table                                                                                                        |
| <b>Data Rate (Mbps)</b>                                                                                              | IEEE 802.11a: OFDM (6/9/12/18/24/36/48/54)<br>IEEE 802.11n/ac: see the below table                                                                                                              |
| <b>Channel Bandwidth</b>                                                                                             | 20/40/80 MHz operating channel bandwidth                                                                                                                                                        |
| <b>Operating Mode</b>                                                                                                | <input checked="" type="checkbox"/> Master                                                                                                                                                      |
|                                                                                                                      | <input type="checkbox"/> Client with radar detection                                                                                                                                            |
|                                                                                                                      | <input type="checkbox"/> Client without radar detection                                                                                                                                         |
| <b>Communication Mode</b>                                                                                            | <input checked="" type="checkbox"/> IP Based (Load Based) <input type="checkbox"/> Frame Based                                                                                                  |
| <b>TPC Function</b>                                                                                                  | <input checked="" type="checkbox"/> With TPC <input type="checkbox"/> Without TPC                                                                                                               |
| <b>Weather Band (5600~5650MHz)</b>                                                                                   | <input checked="" type="checkbox"/> With 5600~5650MHz <input type="checkbox"/> Without 5600~5650MHz                                                                                             |
| <b>Power-on cycle</b>                                                                                                | 20MHz: Requires 112.9 seconds to complete its power-on cycle.<br>40MHz: Requires 112.7 seconds to complete its power-on cycle.<br>80MHz: Requires 112.3 seconds to complete its power-on cycle. |
| <b>Software / Firmware Version</b>                                                                                   | PJ11-416CTU-C07_R01.A2pvfbH043f.d26o                                                                                                                                                            |
| Note: EUT employ a TPC mechanism and TPC have the capability to operate at least 6 dB below highest RF output power. |                                                                                                                                                                                                 |

### Antenna & Bandwidth

| Antenna         | Two (TX) |        |        |
|-----------------|----------|--------|--------|
|                 | 20 MHz   | 40 MHz | 80 MHz |
| Band width Mode |          |        |        |
| 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)                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                               | MCS0-31         |
| 802.11n (HT40)                                                                                                                                                                                                                                                                                                                                                                                                                               | 4                               | MCS0-31         |
| 802.11ac (VHT20)                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                               | MCS 0-9/Nss1-4  |
| 802.11ac (VHT40)                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                               | MCS 0-9/Nss1-4  |
| 802.11ac (VHT80)                                                                                                                                                                                                                                                                                                                                                                                                                             | 4                               | MCS 0-9/Nss1-4  |
| <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.                                                                                                                                     | Port | Brand  | Model Name      | Antenna Type | Connector | Gain (dBi) |
|------------------------------------------------------------------------------------------------------------------------------------------|------|--------|-----------------|--------------|-----------|------------|
| 1                                                                                                                                        | 1    | Cortec | AN2450-64D02BBF | Dipole       | I-PEX     | 2.5        |
| 2                                                                                                                                        | 2    | Cortec | AN2450-64D03BBF | Dipole       | I-PEX     | 2.5        |
| 3                                                                                                                                        | 3    | Cortec | NB0351-C70BF    | PCB          | I-PEX     | 4          |
| 4                                                                                                                                        | 4    | Cortec | NB0351-C195BF   | PCB          | I-PEX     | 3          |
| <p>Note: 2: 802.11a/an/ac used two antennas are for signal transmitting and receiving.(4T4R Spatial Multiplexing MIMO configuration)</p> |      |        |                 |              |           |            |

### 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.

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

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

| 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  | 120         | 5600 MHz  |
|                         | 102         | 5510 MHz  | 122         | 5610 MHz  |
|                         | 104         | 5520 MHz  | 124         | 5620 MHz  |
|                         | 106         | 5530 MHz  | 126         | 5630 MHz  |
|                         | 108         | 5540 MHz  | 128         | 5640 MHz  |
|                         | 110         | 5550 MHz  | 132         | 5660 MHz  |
|                         | 112         | 5560 MHz  | 134         | 5670 MHz  |
|                         | 116         | 5580 MHz  | 136         | 5680 MHz  |
|                         | 118         | 5590 MHz  | 140         | 5700 MHz  |

## 1.2 Accessories

| Accessories             |              |                                                 |             |                  |
|-------------------------|--------------|-------------------------------------------------|-------------|------------------|
| AC Adapter<br>(US Plug) | Brand Name   | AMIGO                                           | Model Name  | AMS157-1202500FU |
|                         | Power Rating | I/P: 100- 240Vac, 1A, O/P: 12Vdc, 2.5A          |             |                  |
|                         | Power Cord   | 1.8 meter, non-shielded cable, w/o ferrite core |             |                  |
| RJ11 Cable              | Category     | -                                               | In/Out door | In door          |
|                         | Power Cord   | 1.72 meter, shield or non-shielded cable        |             |                  |
| RJ45 Cable              | Category     | -                                               | In/Out door | In door          |
|                         | Power Cord   | 1.72 meter, non-shielded cable                  |             |                  |

## 1.3 Support Equipment

| Support Equipment |                |            |                |        |
|-------------------|----------------|------------|----------------|--------|
| No.               | Equipment      | Brand Name | Model Name     | FCC ID |
| 1                 | Client(Slave)  | Netgear    | A6210          | -      |
| 2                 | NoteBook       | DELL       | Latitude E5550 | -      |
| 3                 | Adapter for NB | DELL       | FA90PSO-00     | -      |
| 4                 | NoteBook       | DELL       | Latitude E5540 | -      |
| 5                 | Adapter for NB | DELL       | HA65NM130      | -      |
| 6                 | Fixture        | -          | -              | -      |

Note. Support equipment No.6 was provided by customer.

## 1.4 Testing Applied Standards

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

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

## 1.5 Testing Location Information

| Testing Location                           |        |                                                                                                                               |
|--------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/>        | HWA YA | ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)<br>TEL : 886-3-327-3456 FAX : 886-3-327-0973        |
| Test site Designation No. TW1190 with FCC. |        |                                                                                                                               |
| <input 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 site Designation No. TW0006 with FCC. |        |                                                                                                                               |

| Test Condition | Test Site No. | Test Engineer | Test Environment | Test Date   |
|----------------|---------------|---------------|------------------|-------------|
| DFS Site       | DFS01-HY      | Issac Liao    | 23.4°C / 63.1%   | 04/Jul/2017 |

## 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).                                                     |
| <p>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.</p> <p>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.</p> <p>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.</p> |                                                                                                       |

| 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          |
| <p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>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.</p> <p>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911D01.</p> |                  |

### 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<br>(See the note) | 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                         |

Note :

According to KDB 905462 D03 Client Without DFS New Rules v01r02 (b) 6."An analyzer plot that contains a single 30-minute sweep on the original channel "

### 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**

| <b>User Access Restrictions</b>     |                                                                                                                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 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.                                                                |

## 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

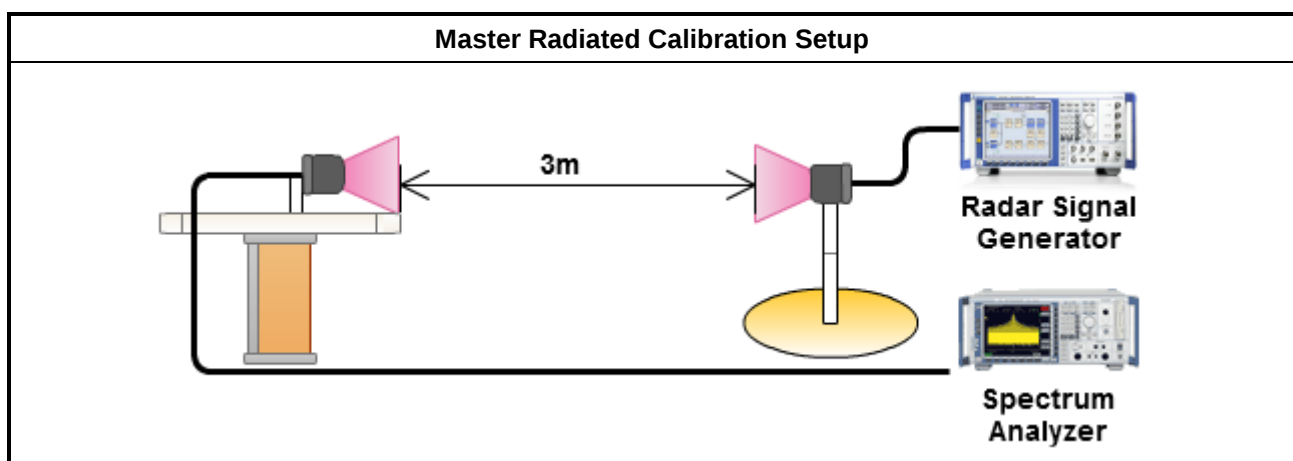
| Radar Type | Pulse Width (μsec) | PRI (μsec) | Pulses per Hop | Hopping Rate (kHz) | Hopping Sequence Length (ms) | Minimum Percentage of Successful Detection | Minimum Trials |
|------------|--------------------|------------|----------------|--------------------|------------------------------|--------------------------------------------|----------------|
| 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.

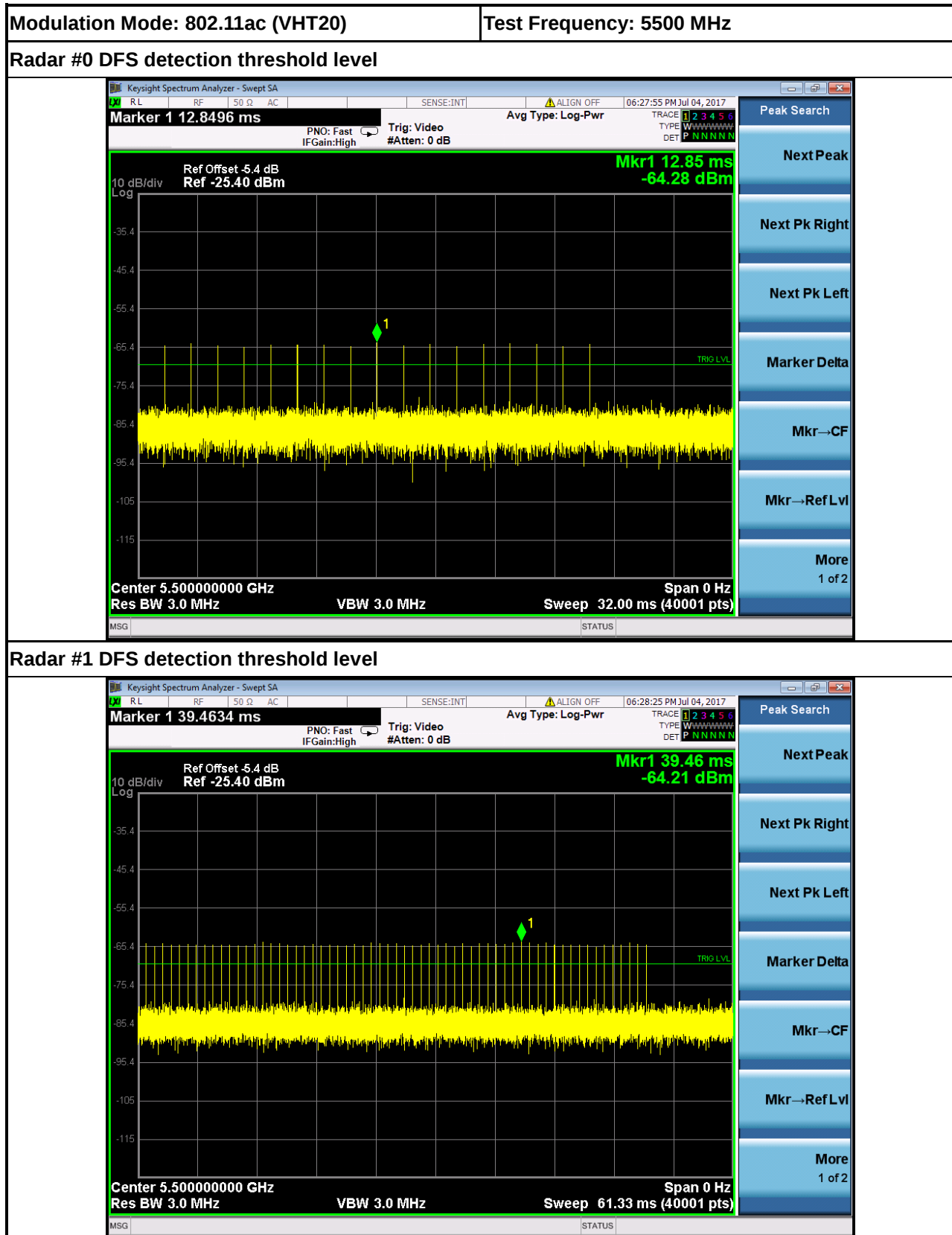
### 3.2.4 DFS Threshold Level

| 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. |         |                                                             |

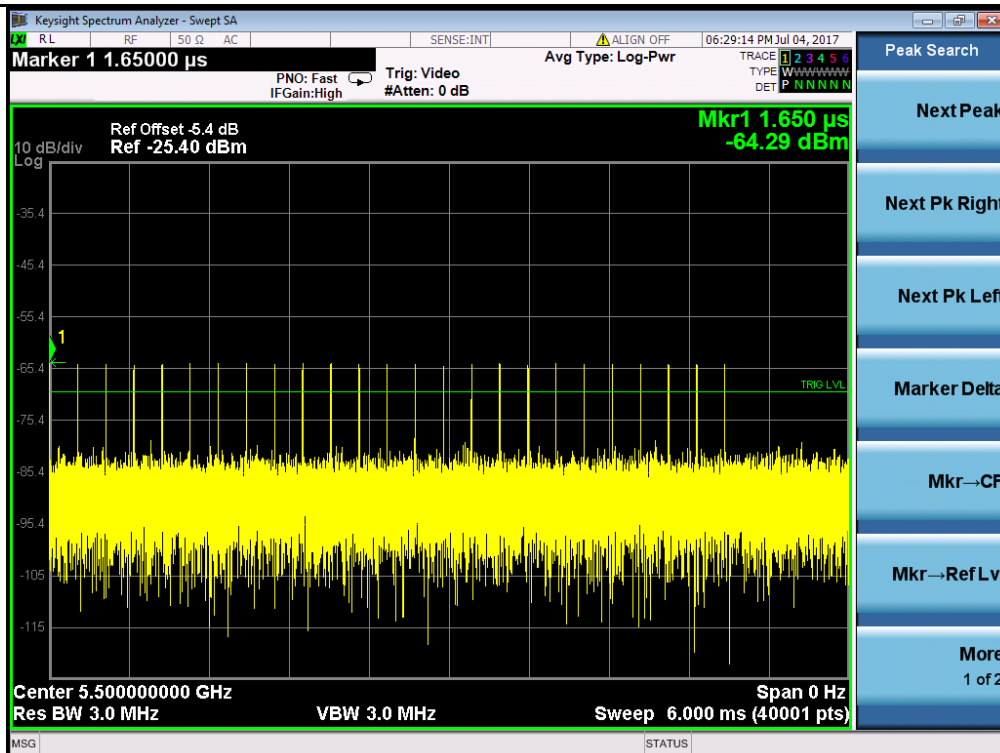
### 3.2.5 Calibration Setup



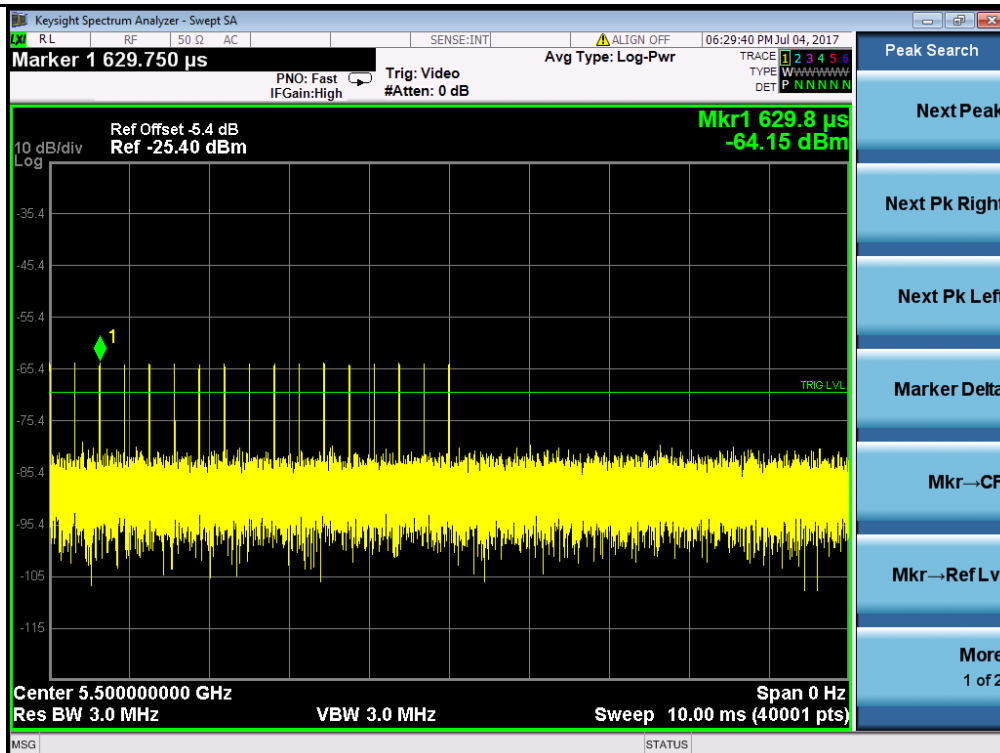
## 3.2.6 Radar Waveform calibration Plot



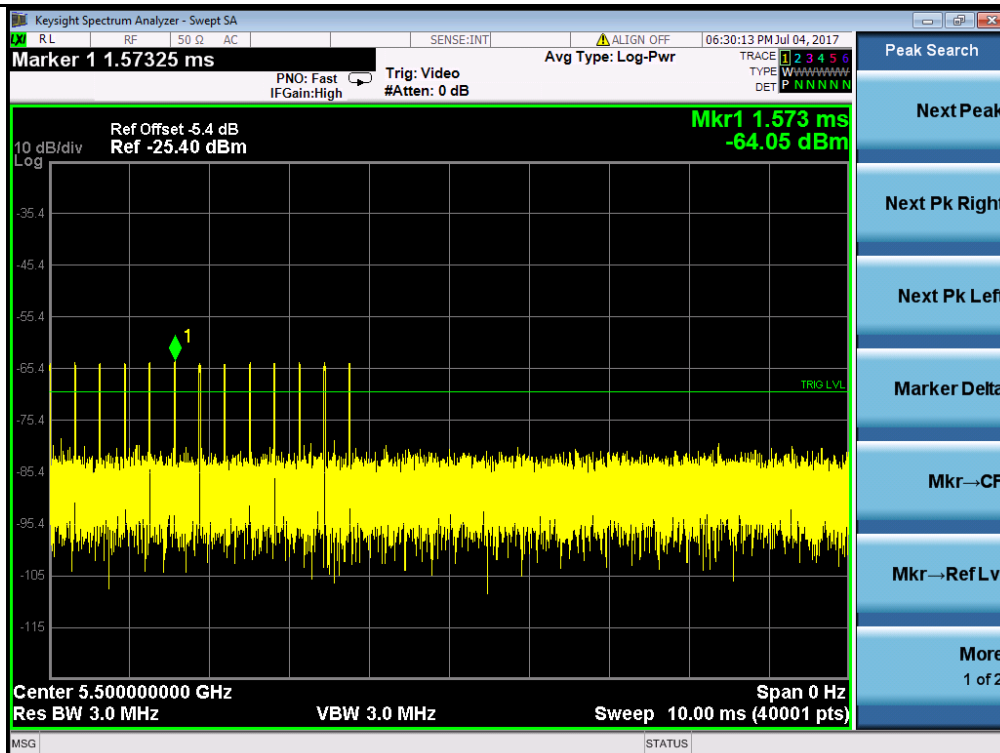
## Radar #2 DFS detection threshold level



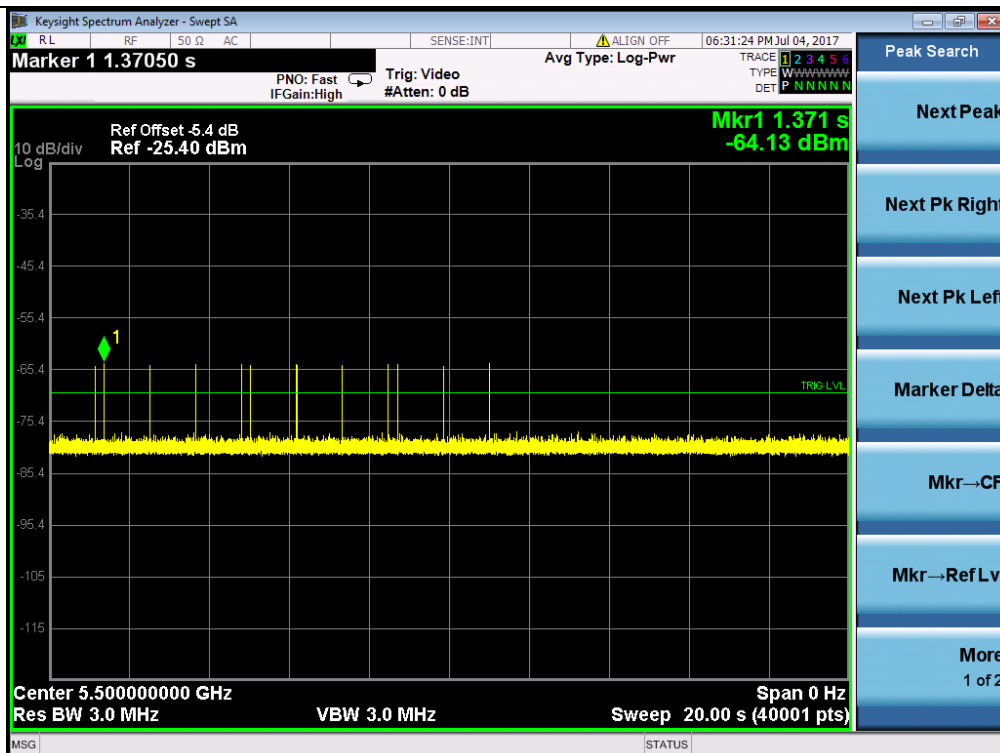
## Radar #3 DFS detection threshold level



## Radar #4 DFS detection threshold level

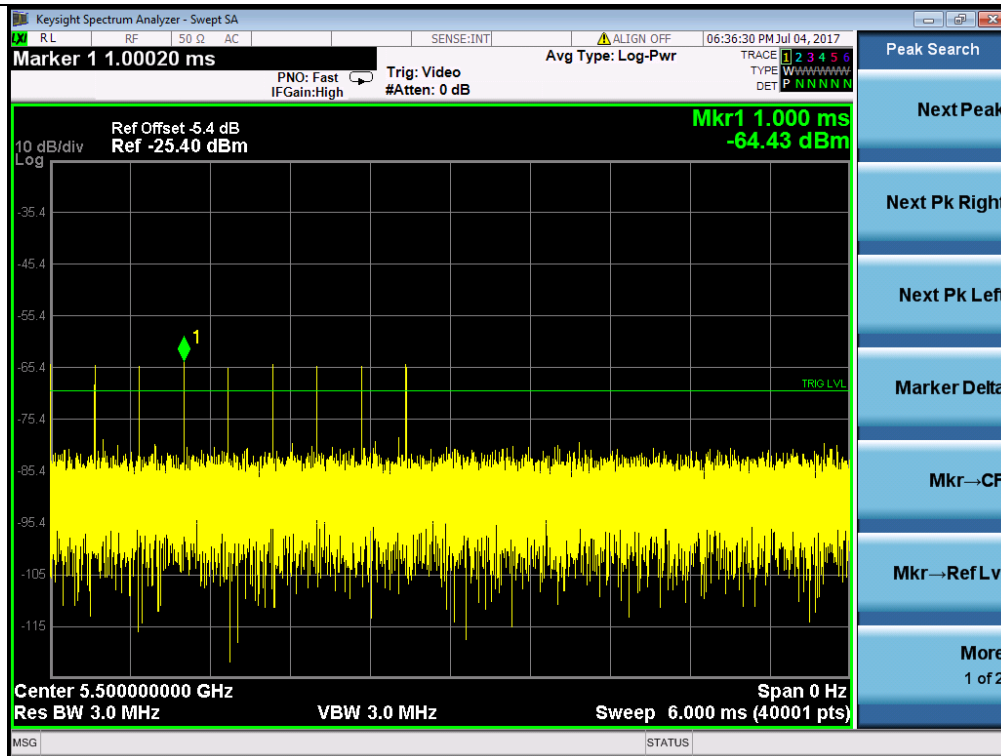


## Radar #5 DFS detection threshold level



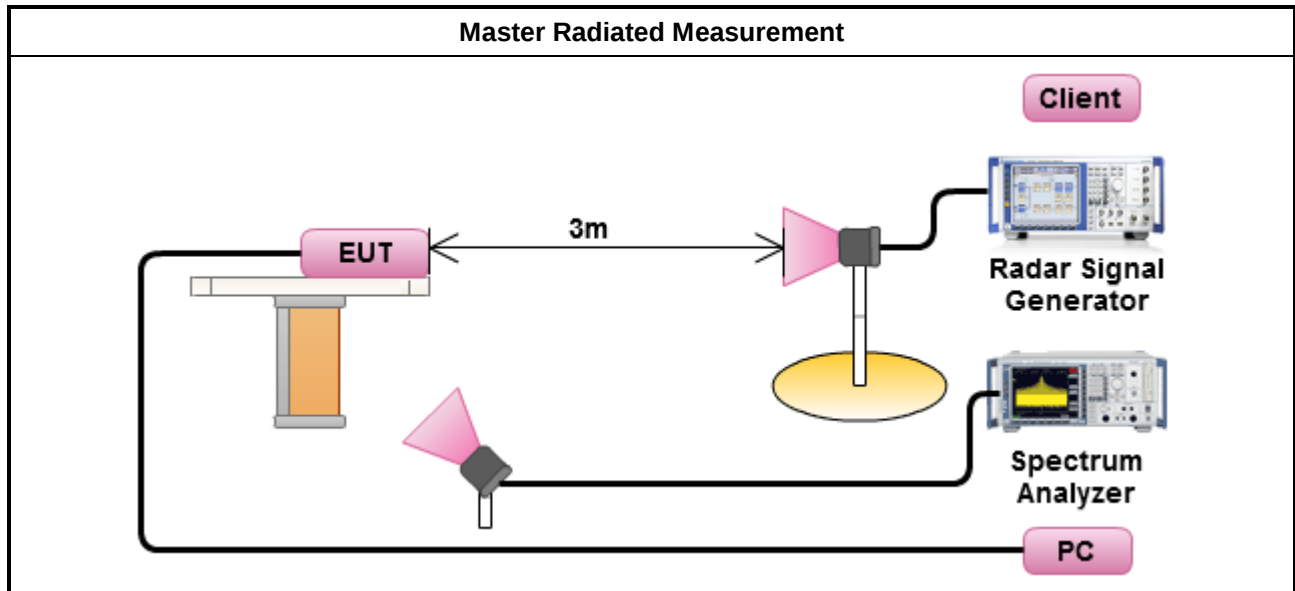


Radar #6 DFS detection threshold level



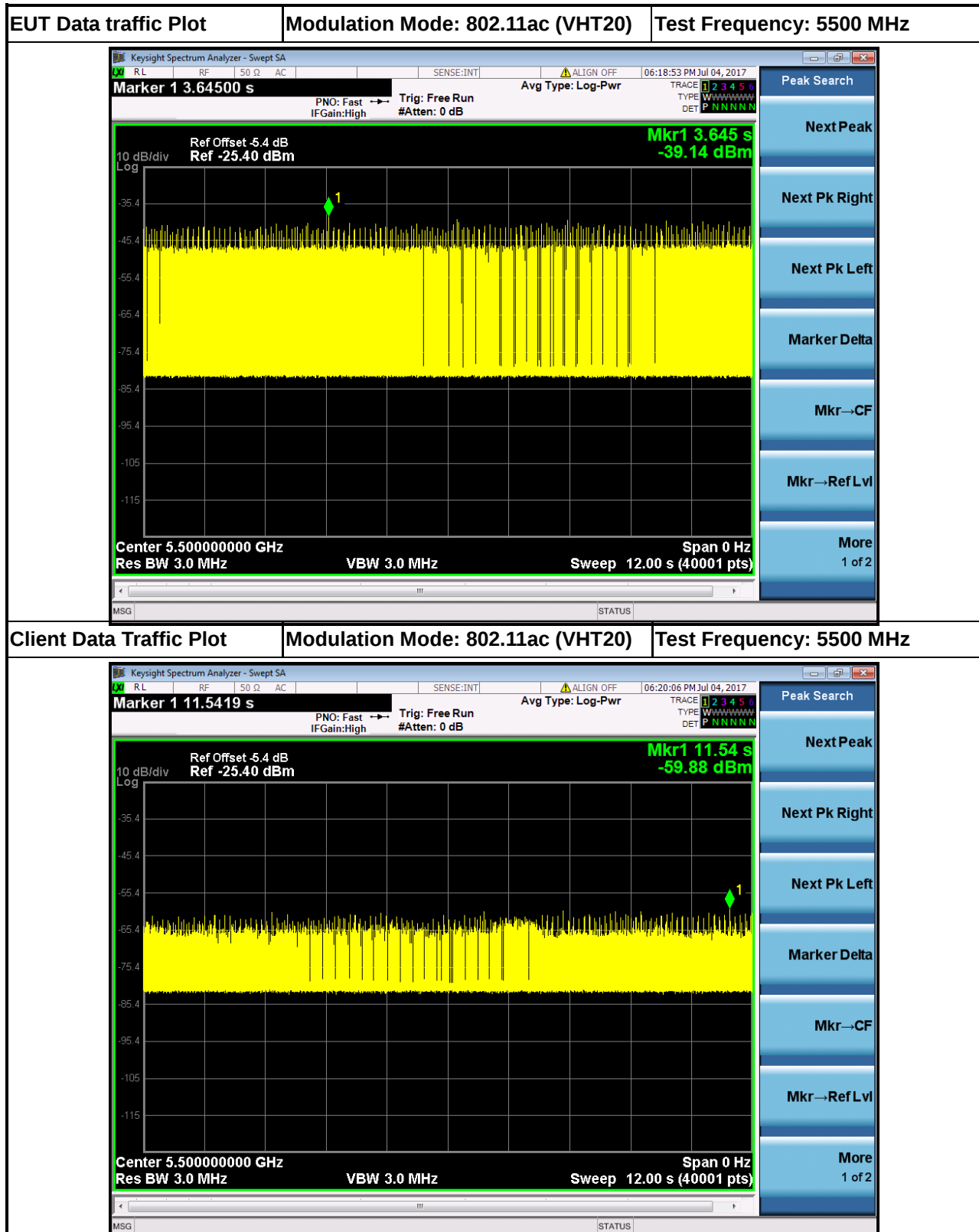
### 3.2.7 Test Setup

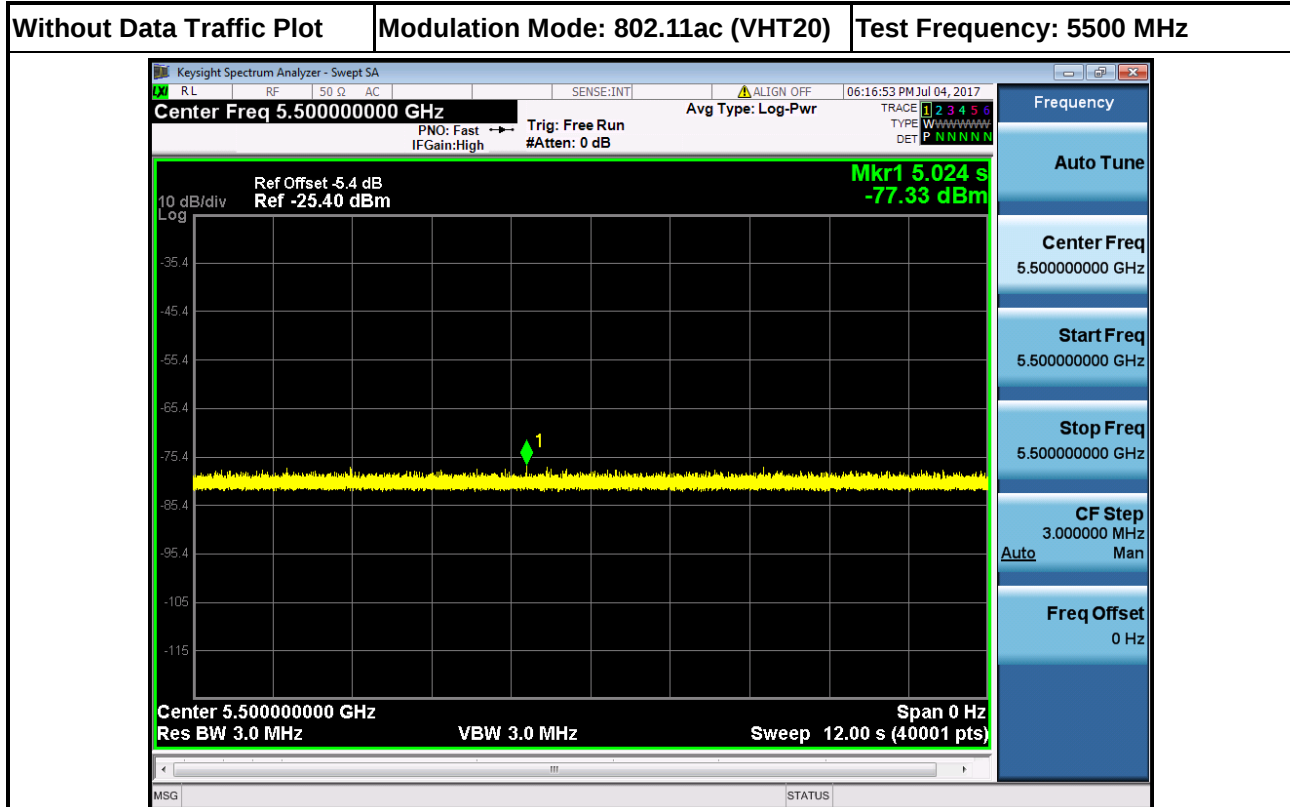
A spectrum analyzer is used as a monitor to verify that the EUT has vacated the Channel within the (Channel Closing Transmission Time and Channel Move Time, and does not transmit on a Channel during the Non-Occupancy Period after the detection and Channel move.





## 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                      | 20.874                       | 21                                        |
| 40                      | 37.403                       | 38                                        |
| 80                      | 75.926                       | 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 |                    |
| 5489                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5490                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5491                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 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                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5510                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5511                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5511MHz-5489MHz)= |                                                     |   |   |   |   |   |   |   |   |    | 22                 |
| UNII Detection Bandwidth Min. Limit (MHz) =                           |                                                     |   |   |   |   |   |   |   |   |    | 21                 |
| <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                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5491                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 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                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5510                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5511                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5512                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5513                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5514                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5515                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5516                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5517                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5518                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5519                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5520                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5521                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5522                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5523                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5524                                                                  | 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                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| 5530                                                                  | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1        | 100                |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5530MHz-5490MHz)= |                                                     |   |   |   |   |   |   |   |   | 40       |                    |
| UNII Detection Bandwidth Min. Limit (MHz) =                           |                                                     |   |   |   |   |   |   |   |   | 38       |                    |
| Test Result                                                           |                                                     |   |   |   |   |   |   |   |   | Complied |                    |



| 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 |                    |
| 5490                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5491                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5492                    | 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                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5510                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5511                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5512                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5513                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5514                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5515                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5516                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5517                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5518                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5519                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5520                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5521                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5522                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5523                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5524                    | 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                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5530                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5531                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5532                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5533                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5534                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5535                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5536                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5537                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |
| 5538                    | 1                                                   | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1  | 100                |



# FCC DFS Test Report

Report No. : FZ753103

|                                                                       |   |   |   |   |   |   |   |   |   |   |                 |
|-----------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|-----------------|
| 5539                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5540                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5541                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5542                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5543                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5544                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5545                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5546                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5547                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5548                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5549                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5550                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5551                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5552                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5553                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5554                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5555                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5556                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5557                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5558                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5559                                                                  | 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                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5569                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| 5570                                                                  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100             |
| Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5570MHz-5490MHz)= |   |   |   |   |   |   |   |   |   |   | 80              |
| 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. |

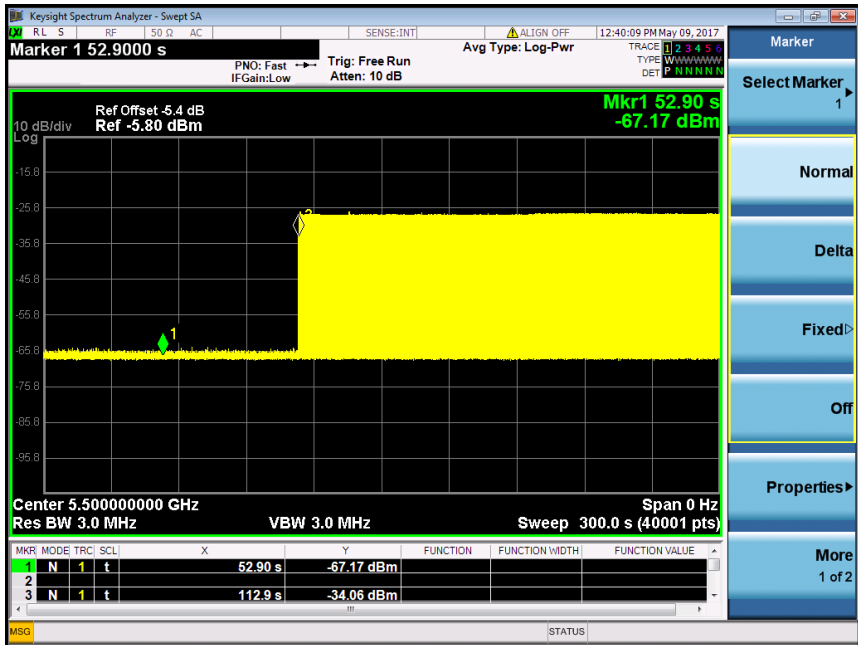
#### 3.4.2 Measuring Instruments

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 (VHT20)                                                                    | 5500 MHz        | N/A               |
|  |                 |                   |
| <b>Test Result</b>                                                                  | <b>Complied</b> |                   |



| Modulation Mode  | Freq.    | Radar Test Signal |
|------------------|----------|-------------------|
| 802.11ac (VHT40) | 5510 MHz | N/A               |

Keysight Spectrum Analyzer - Swept SA

RL S RF 50 Q AC SENSE:INT

Marker 1 52.7000 s

PNO: Fast Trig: Free Run Avg Type: Log-Pwr

04:27:50 PM May 09, 2017

TRACE 1 2 3 4 5 6

TYPE WWWWMM

DET P NNNNN

Ref Offset -5.4 dB

Ref -5.40 dBm

Mkr1 52.70 s

-66.82 dBm

10 dB/div

Log

-15.4

-25.4

-35.4

-45.4

-55.4

-65.4

-75.4

-85.4

-95.4

Center 5.510000000 GHz

Res BW 3.0 MHz

VBW 3.0 MHz

Sweep 300.0 s (40001 pts)

Span 0 Hz

| MKR | MODE | TRC | SCL | X       | Y          | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |
|-----|------|-----|-----|---------|------------|----------|----------------|----------------|
| 1   | N    | 1   | t   | 52.70 s | -66.82 dBm |          |                |                |
| 2   |      |     |     |         |            |          |                |                |
| 3   | N    | 1   | t   | 112.7 s | -45.88 dBm |          |                |                |
| 4   |      |     |     |         |            |          |                |                |

MSG

STATUS

Marker

Select Marker 1

Normal

Delta

Fixed

Off

Properties

More 1 of 2

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



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

Keysight Spectrum Analyzer - Swept SA

RL S RF 50 Q AC SENSE:INT

ALIGN OFF

06:03:04 PM May 09, 2017

Marker 1 52.3000 s

PNO: Fast Trigg: Free Run Avg Type: Log-Pwr

IF Gain: Low Atten: 10 dB

TRACE 1 2 3 4 5 6

TYPE WWWWMM

DET P NNNNN

Ref Offset -5.4 dB

Ref -5.40 dBm

Mkr1 52.30 s

-66.64 dBm

10 dB/div

Log

-15.4

-25.4

-35.4

-45.4

-55.4

-65.4

-75.4

-85.4

-95.4

Center 5.530000000 GHz

Res BW 3.0 MHz

VBW 3.0 MHz

Sweep 300.0 s (40001 pts)

Span 0 Hz

MKR MODE TRC SCL

X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1 N 1 t

52.30 s

-66.64 dBm

2

3 N 1 t

112.3 s

-66.71 dBm

4

MSG

STATUS

Marker

Select Marker 1

Normal

Delta

Fixed

Off

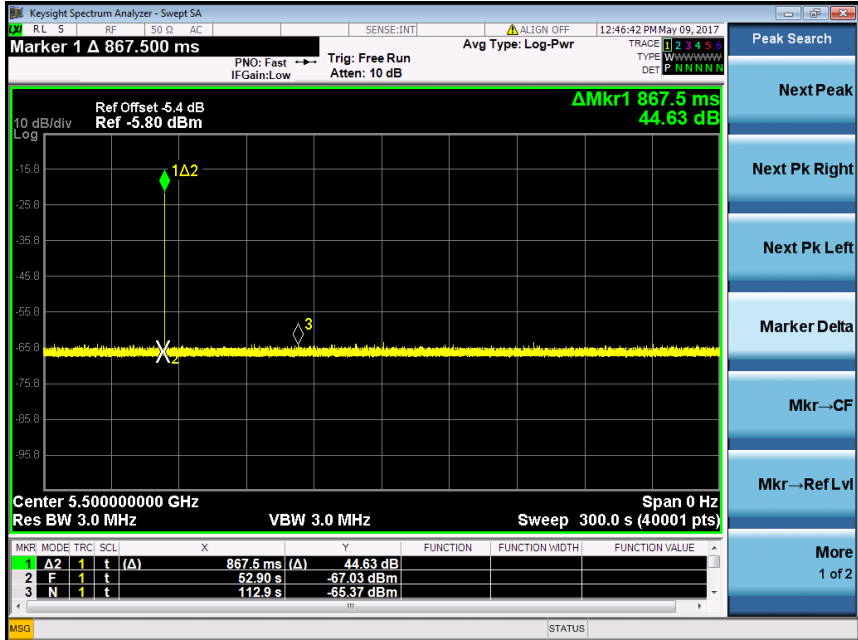
Properties

More 1 of 2

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

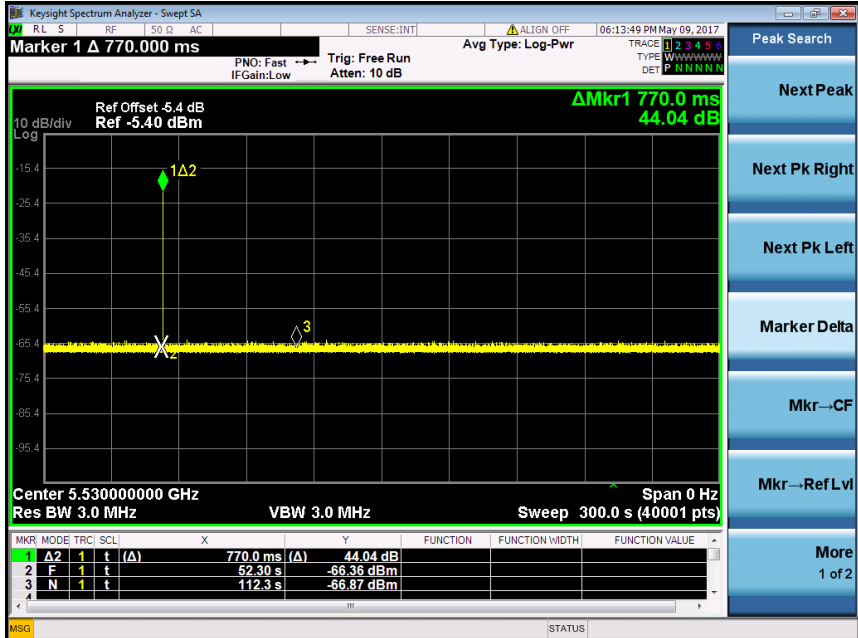


### 3.4.5 Test Result of Radar Burst at the Beginning of the Channel Availability Check Time

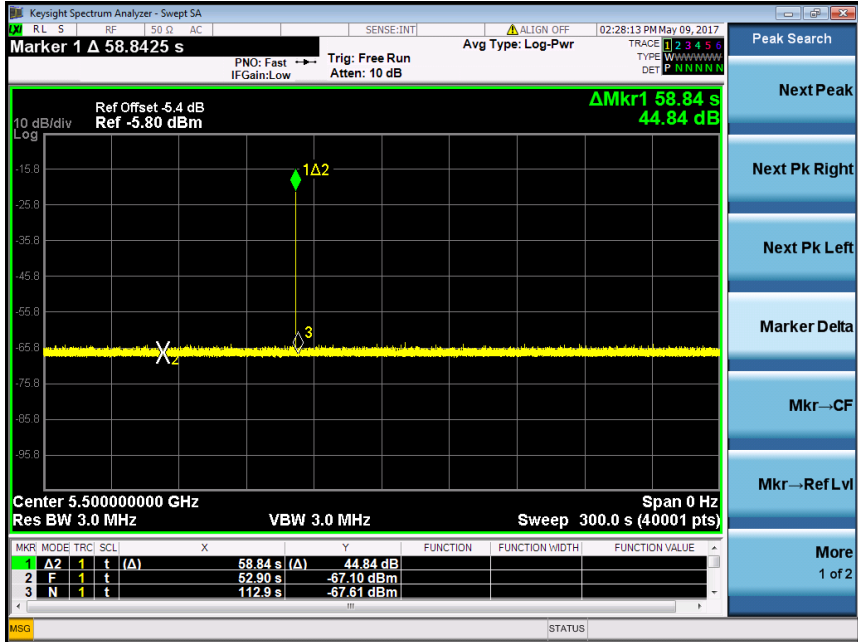
| Modulation Mode                                                                     | Freq. (MHz) | Radar Type Signal |
|-------------------------------------------------------------------------------------|-------------|-------------------|
| 802.11ac (VHT20)                                                                    | 5500 MHz    | 0                 |
|  |             |                   |
| Test Result                                                                         | Complied    |                   |



| Modulation Mode  | Freq. (MHz) | Radar Type Signal |
|------------------|-------------|-------------------|
| 802.11ac (VHT40) | 5510 MHz    | 0                 |
| <div></div>      |             |                   |
| Test Result      | Complied    |                   |

| Modulation Mode                                                                                  | Freq. (MHz) | Radar Type Signal |
|--------------------------------------------------------------------------------------------------|-------------|-------------------|
| 802.11ac (VHT80)                                                                                 | 5530 MHz    | 0                 |
| <div>  </div> |             |                   |
| Test Result                                                                                      | Complied    |                   |

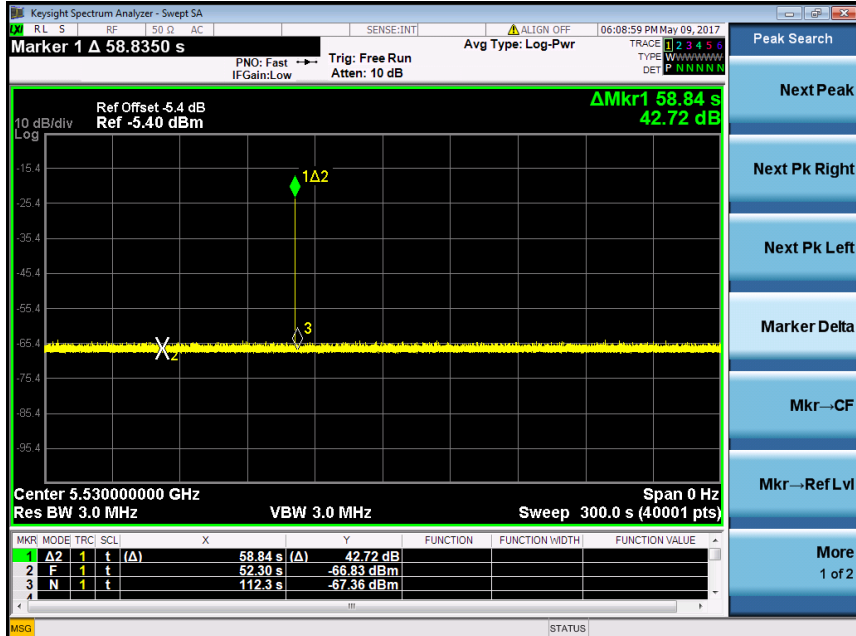
### 3.4.6 Test Result of Radar Burst at the End of the Channel Availability Check Time

| Modulation Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freq. (MHz)     | Radar Type Signal |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|
| 802.11ac (VHT20)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5500 MHz        | 0                 |
|  <p>The screenshot displays a Keysight Spectrum Analyzer interface. The main plot shows a signal at 58.84 s with a power level of 44.84 dB. The center frequency is 5.500000000 GHz, Res BW is 3.0 MHz, and Sweep is 300.0 s (40001 pts). The plot also shows a reference level at -5.80 dBm and a reference offset of -5.4 dB. The signal is identified as a radar burst at the end of the channel availability check time.</p> |                 |                   |
| <b>Test Result</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Complied</b> |                   |



| Modulation Mode  | Freq. (MHz) | Radar Type Signal |
|------------------|-------------|-------------------|
| 802.11ac (VHT40) | 5510 MHz    | 0                 |
| <div></div>      |             |                   |
| Test Result      | Complied    |                   |



| Modulation Mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freq. (MHz) | Radar Type Signal |     |      |         |          |                |                |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|-----|------|---------|----------|----------------|----------------|----------|----------------|----------------|---|---|---|---|-----|---------|-----|----------|--|---|---|---|---|--|---------|--|------------|--|---|---|---|---|--|---------|--|------------|--|
| 802.11ac (VHT80)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5530 MHz    | 0                 |     |      |         |          |                |                |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
| <div><table><tr><th>MKR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>X</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>Δ</td><td>2</td><td>t</td><td>(Δ)</td><td>58.84 s</td><td>(Δ)</td><td>42.72 dB</td><td></td></tr><tr><td>2</td><td>F</td><td>1</td><td>t</td><td></td><td>52.30 s</td><td></td><td>-66.83 dBm</td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>t</td><td></td><td>112.3 s</td><td></td><td>-67.36 dBm</td><td></td></tr></table></div> |             |                   | MKR | MODE | TRC     | SCL      | X              | Y              | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE | 1 | Δ | 2 | t | (Δ) | 58.84 s | (Δ) | 42.72 dB |  | 2 | F | 1 | t |  | 52.30 s |  | -66.83 dBm |  | 3 | N | 1 | t |  | 112.3 s |  | -67.36 dBm |  |
| MKR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MODE        | TRC               | SCL | X    | Y       | FUNCTION | FUNCTION WIDTH | FUNCTION VALUE |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Δ           | 2                 | t   | (Δ)  | 58.84 s | (Δ)      | 42.72 dB       |                |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | F           | 1                 | t   |      | 52.30 s |          | -66.83 dBm     |                |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N           | 1                 | t   |      | 112.3 s |          | -67.36 dBm     |                |          |                |                |   |   |   |   |     |         |     |          |  |   |   |   |   |  |         |  |            |  |   |   |   |   |  |         |  |            |  |
| 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 32 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 (VHT20)

| Parameter                                     | Test Result |          | Limit    |
|-----------------------------------------------|-------------|----------|----------|
|                                               | Type 0      | Type 5   |          |
| Test Channel (MHz)                            | 5500 MHz    | 5500 MHz | -        |
| Channel Move Time (sec.)                      | 0.867       | 0        | < 10s    |
| Channel Closing Transmission Time (ms) (Note) | 0           | 0        | < 60ms   |
| Non-Occupancy Period (min.)                   | ≥ 30        | -        | ≥ 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.

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

| Parameter                                     | Test Result |          | Limit    |
|-----------------------------------------------|-------------|----------|----------|
|                                               | Type 0      | Type 5   |          |
| Test Channel (MHz)                            | 5510 MHz    | 5510 MHz | -        |
| Channel Move Time (sec.)                      | 0.078       | 0        | < 10s    |
| Channel Closing Transmission Time (ms) (Note) | 0           | 0        | < 60ms   |
| Non-Occupancy Period (min.)                   | ≥ 30        | -        | ≥ 30 min |

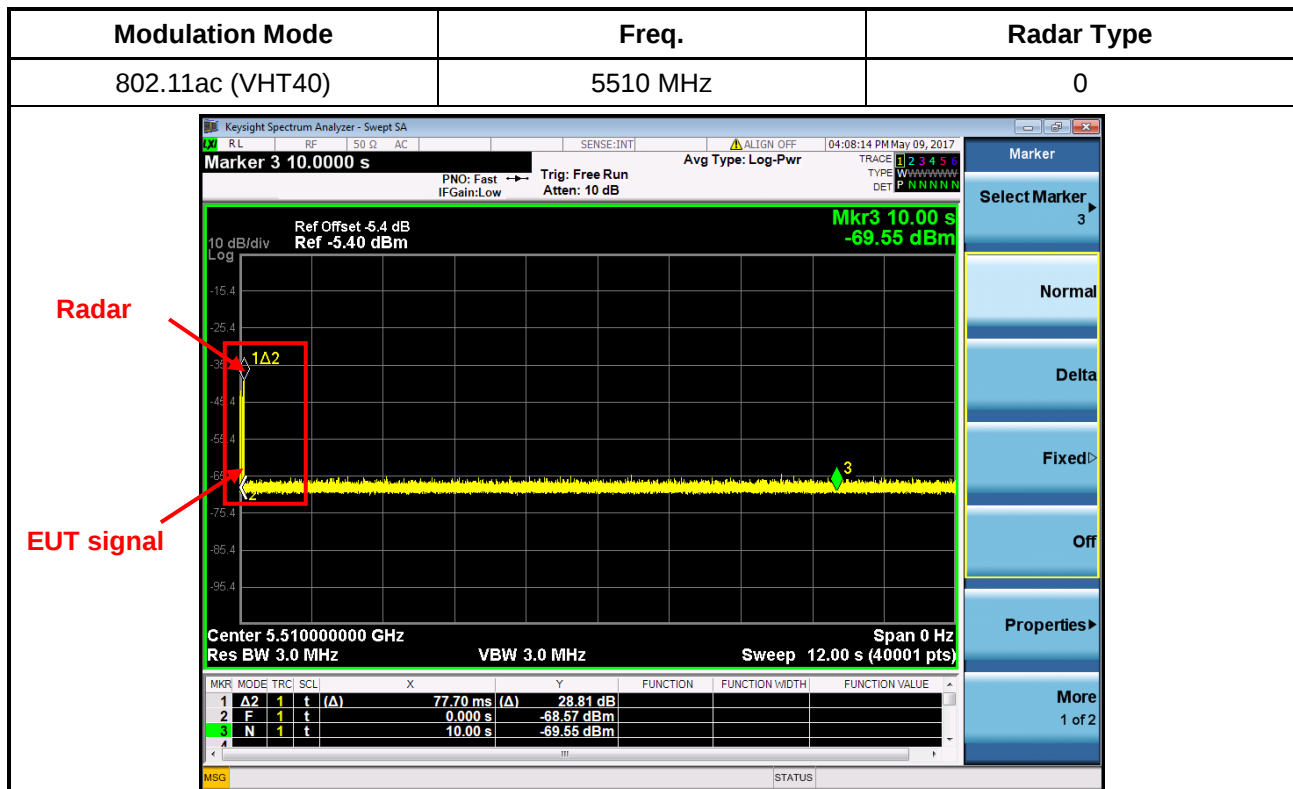
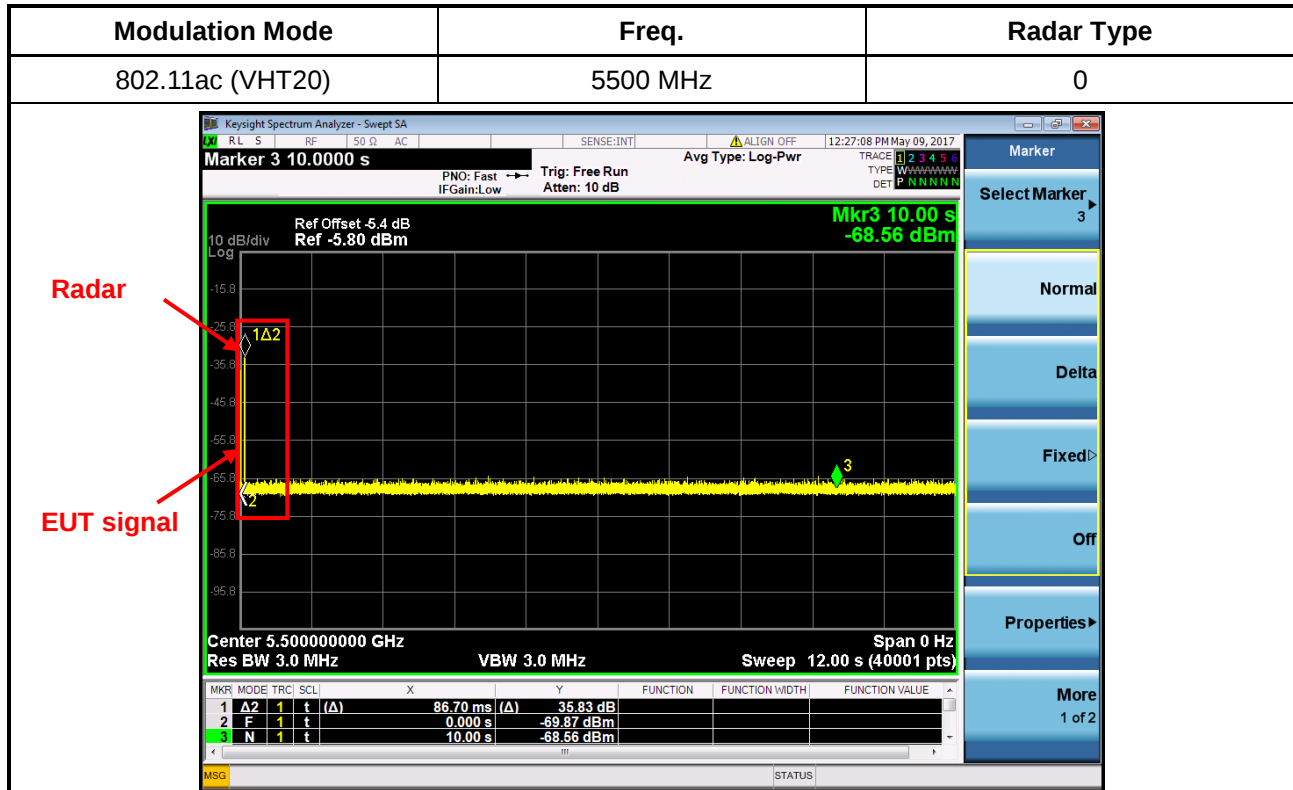
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate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

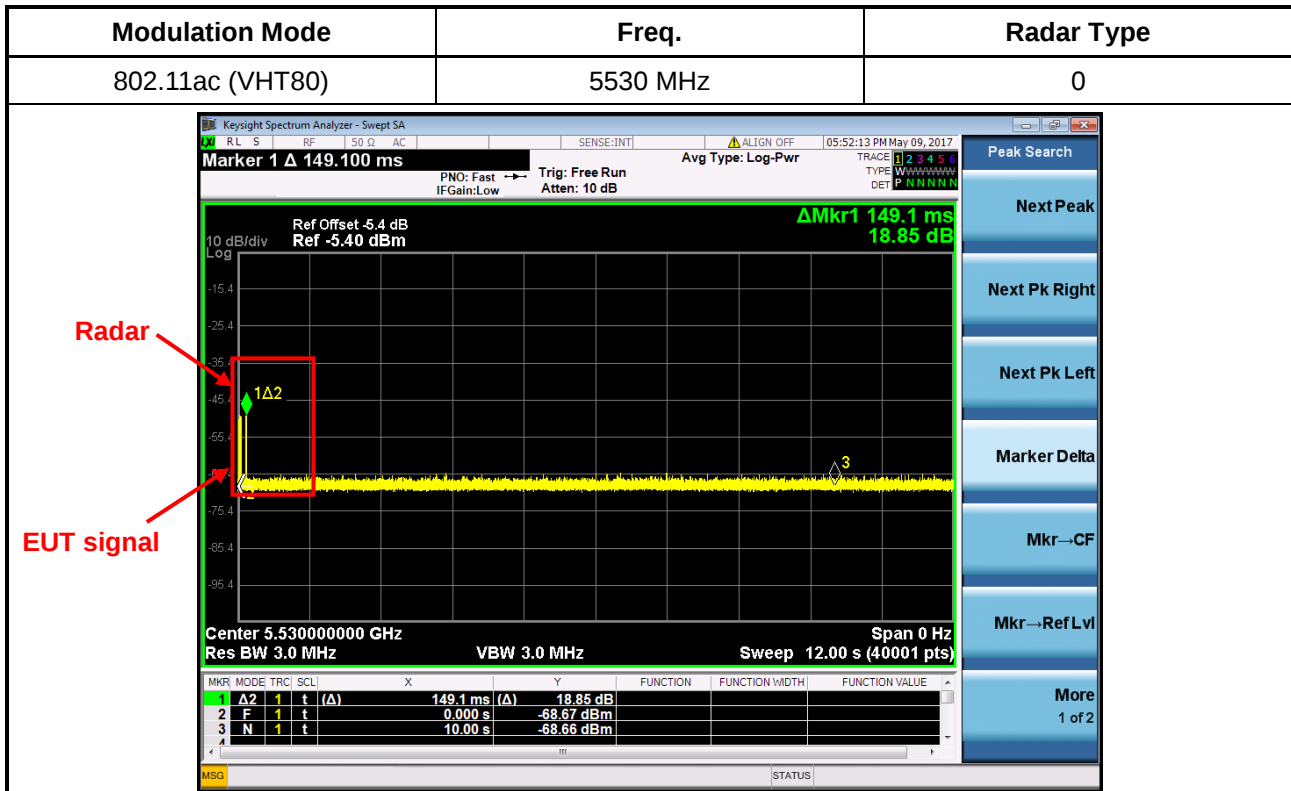
#### Modulation Mode: 802.11ac (VHT80)

| Parameter                                     | Test Result |          | Limit    |
|-----------------------------------------------|-------------|----------|----------|
|                                               | Type 0      | Type 5   |          |
| Test Channel (MHz)                            | 5530 MHz    | 5530 MHz | -        |
| Channel Move Time (sec.)                      | 0.145       | 0        | < 10s    |
| Channel Closing Transmission Time (ms) (Note) | 0           | 0        | < 60ms   |
| Non-Occupancy Period (min.)                   | ≥ 30        | -        | ≥ 30 min |

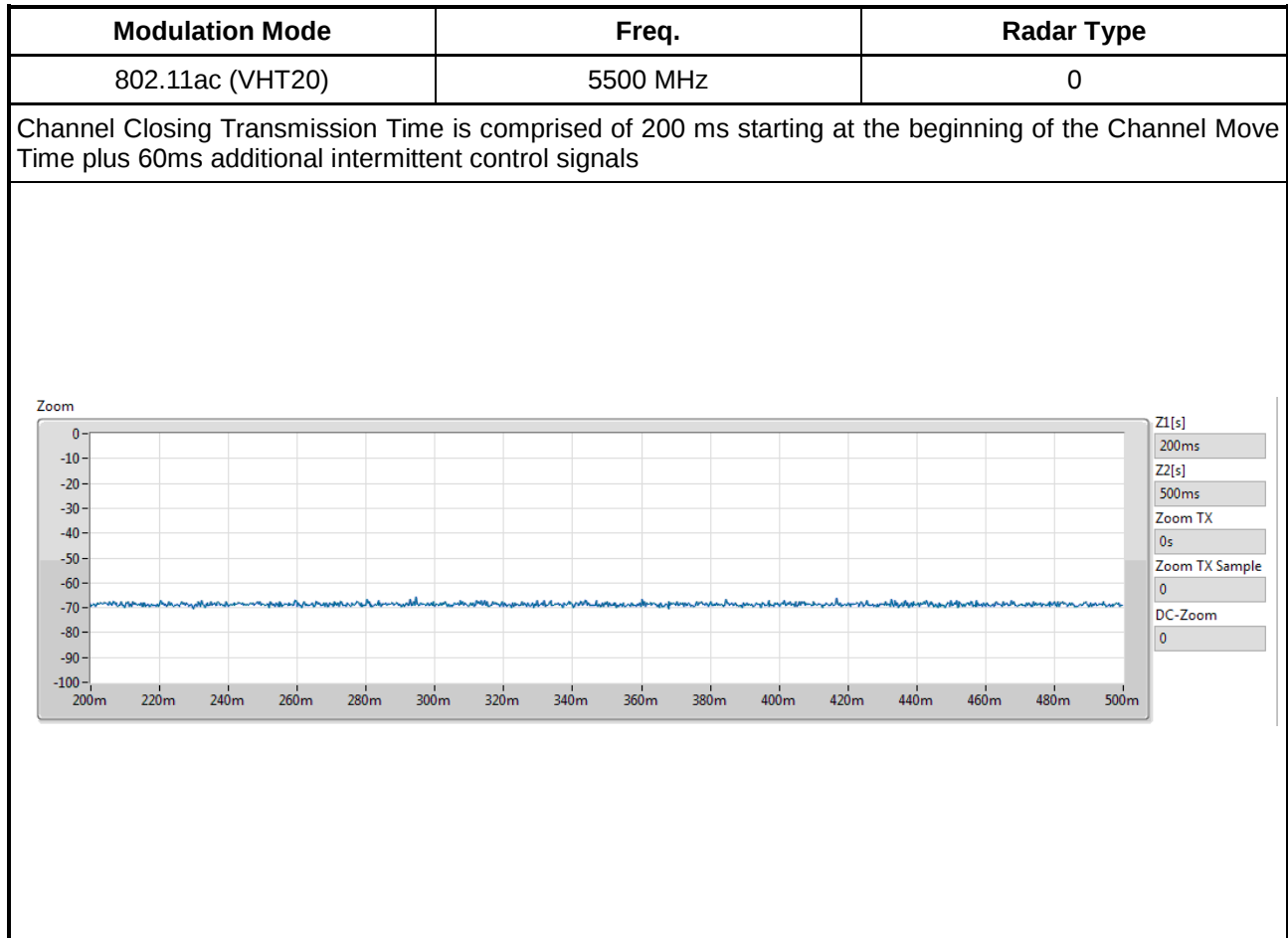
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate 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



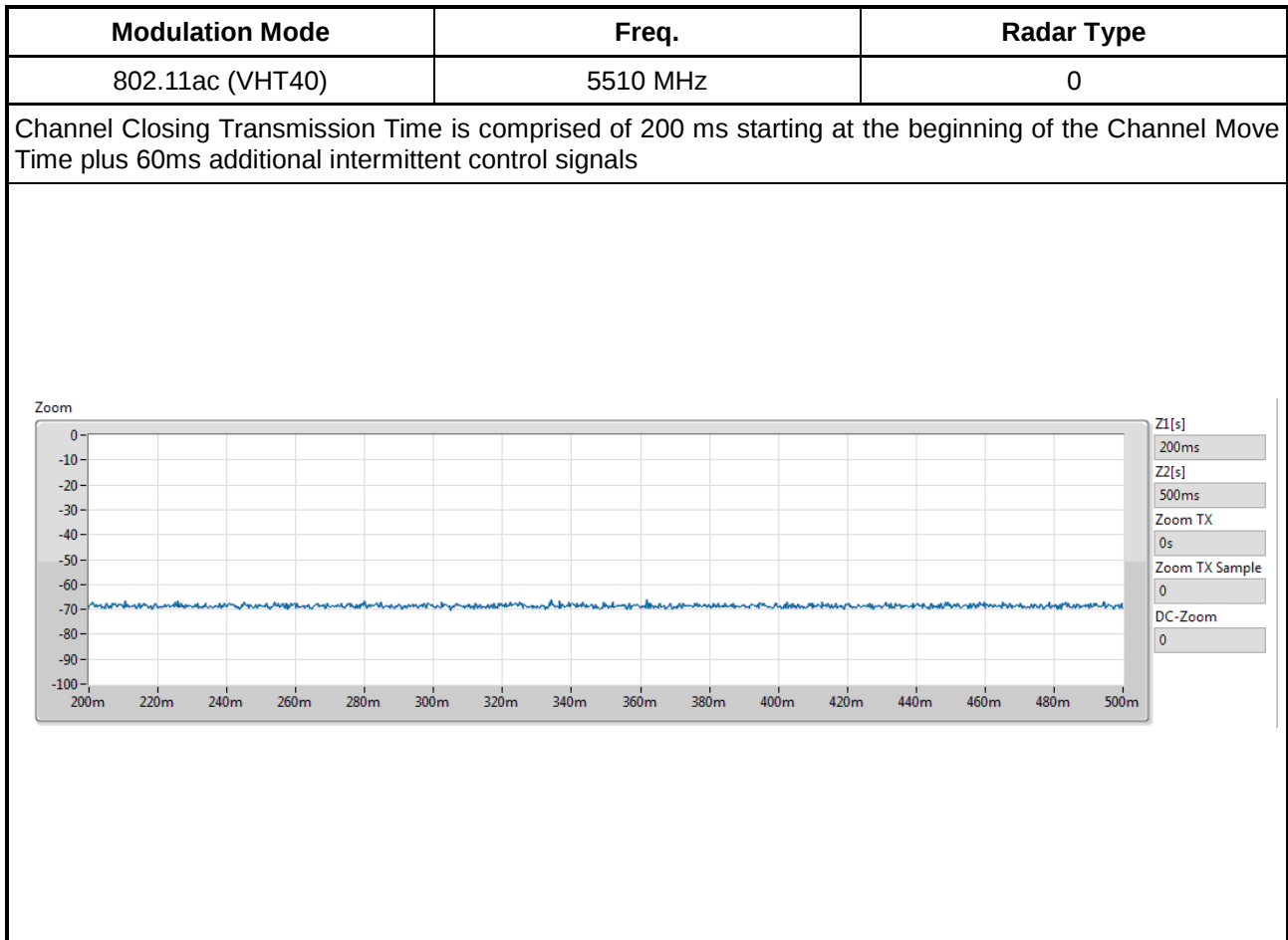
**Dwell** is the dwell time per spectrum analyzer sampling bin.

**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



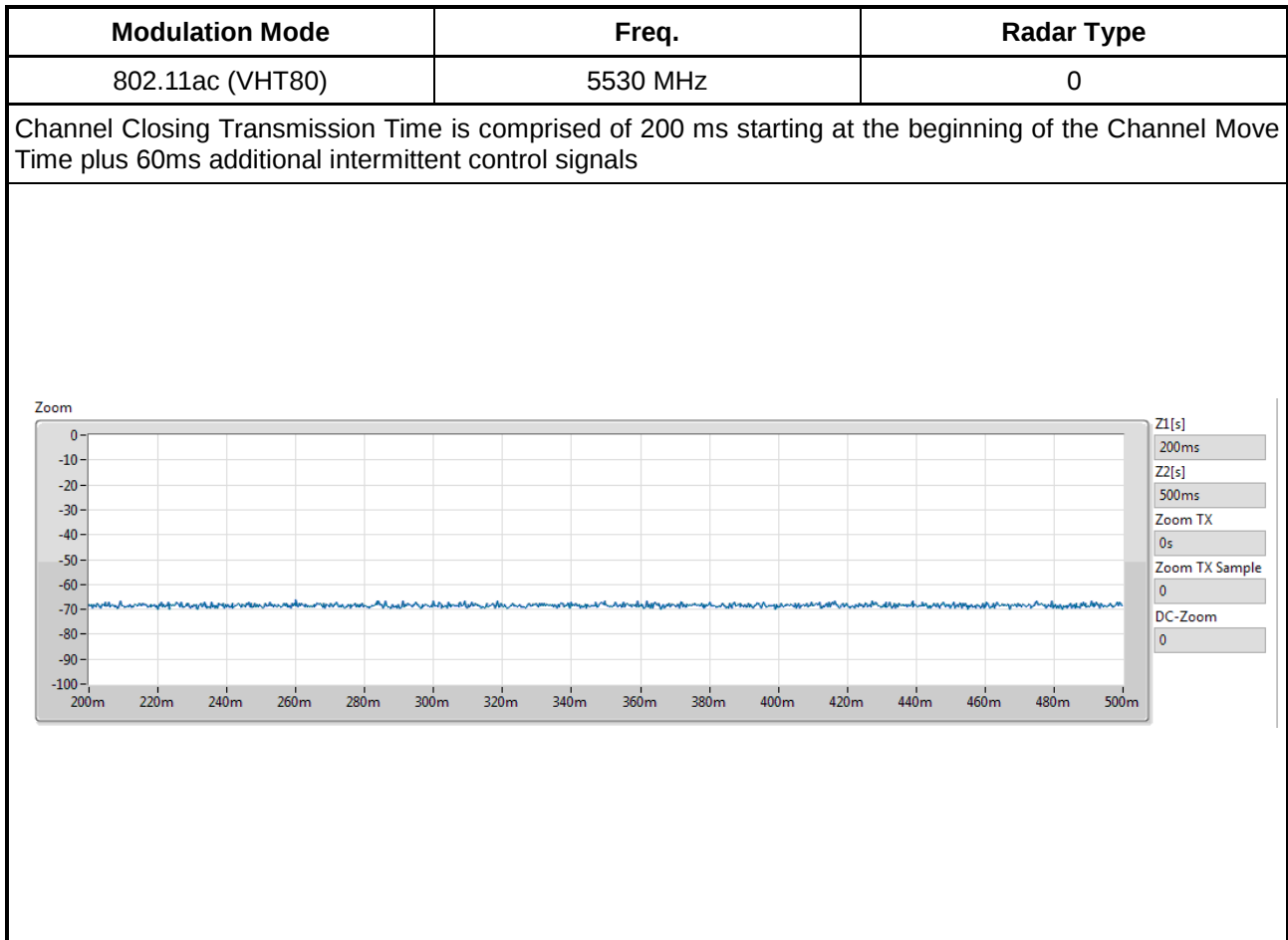
**Dwell** is the dwell time per spectrum analyzer sampling bin.

**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 is the dwell time per spectrum analyzer sampling bin.

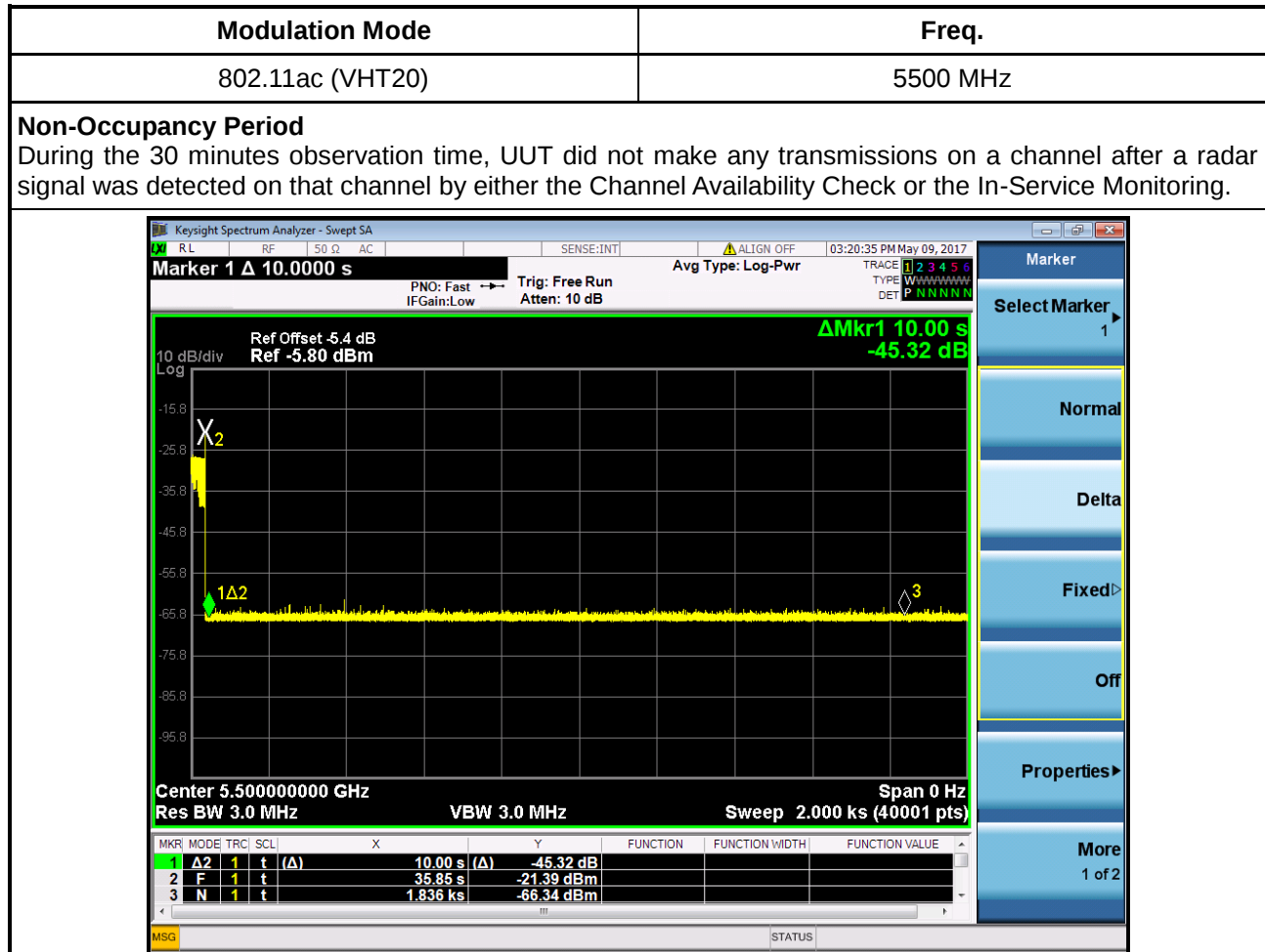
S is the sweep time

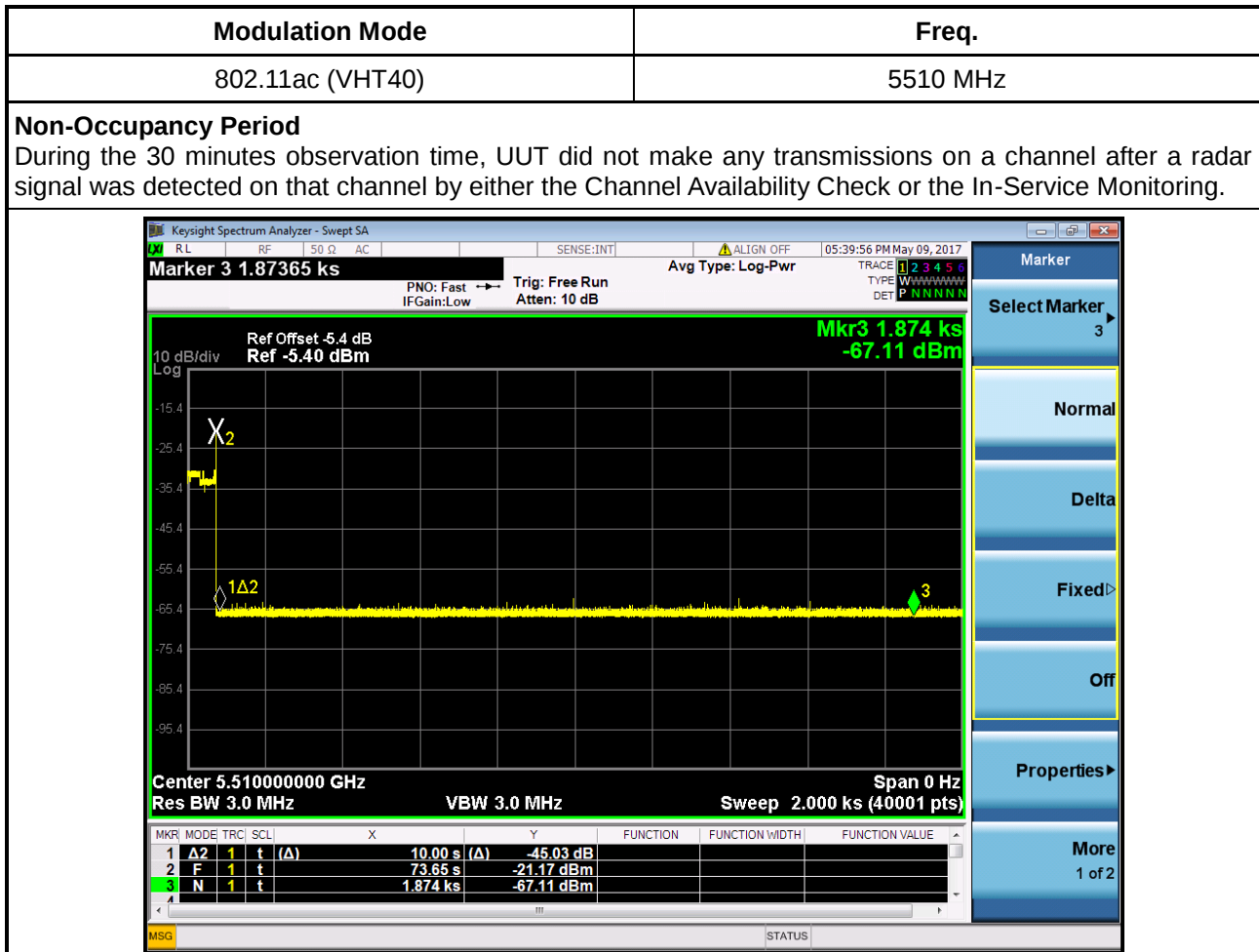
B is the number of spectrum analyzer sampling bins

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

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

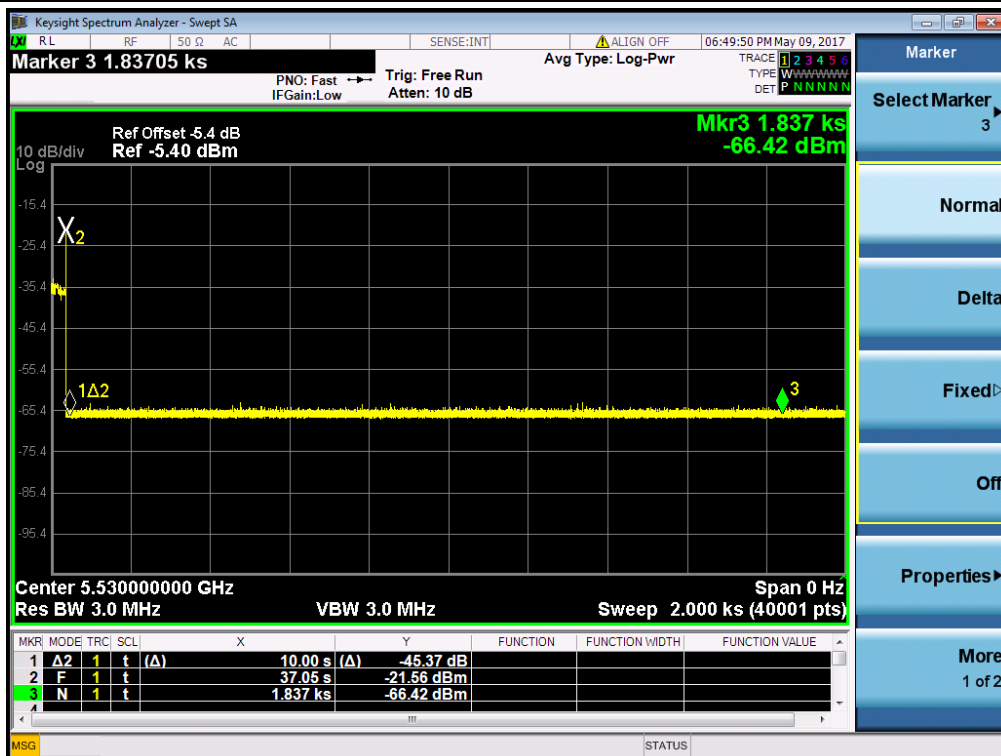




|                        |              |
|------------------------|--------------|
| <b>Modulation Mode</b> | <b>Freq.</b> |
| 802.11ac (VHT80)       | 5530 MHz     |

### Non-Occupancy Period

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring.



### 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<br>(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      | 1                             |
| 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     | 1                             |
| 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 (%) |                  |                                   |                                                  |          | 100                           |
| Limit                    |                  |                                   |                                                  |          | 60%                           |
| <b>Test Result</b>       |                  |                                   |                                                  |          | <b>Complied</b>               |

**Type 2 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                    | 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                    | 1                                     |
| 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                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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                               | 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                    | 1                                       |
| 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                    | 1                                       |
| 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                                       |
| <b>Detection Percentage (%)</b> |                         |                         |                 |                       | <b>100</b>                              |
| <b>Limit</b>                    |                         |                         |                 |                       | <b>60%</b>                              |
| <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                    | 1                                     |
| 6                        | 5498                    | 19.8                    | 238             | 13                    | 1                                     |
| 7                        | 5499                    | 18.2                    | 420             | 16                    | 1                                     |
| 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                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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                           | 100.000                         |
| 2                           | 100.000                         |
| 3                           | 100.000                         |
| 4                           | 100.000                         |
| Aggregate (Radar Types 1-4) | 100.000                         |
| 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       |
|--------------------------|----------------|-----------------|-----------------|-----------------|
| 5500                     | 5489.5         | 5510.5          |                 |                 |
| Trial                    | Chirp          | Offset          |                 |                 |
| 1                        | 11             | 0               | 5500.00         | 1               |
| 2                        | 5              | 0               | 5500.00         | 1               |
| 3                        | 20             | 0               | 5500.00         | 1               |
| 4                        | 13             | 0               | 5500.00         | 1               |
| 5                        | 11             | 0               | 5500.00         | 1               |
| 6                        | 16             | 0               | 5500.00         | 1               |
| 7                        | 11             | 0               | 5500.00         | 1               |
| 8                        | 20             | 0               | 5500.00         | 1               |
| 9                        | 9              | 0               | 5500.00         | 1               |
| 10                       | 15             | 0               | 5500.00         | 1               |
| 11                       | 20             | 2.50            | 5497.50         | 1               |
| 12                       | 6              | 8.10            | 5491.90         | 1               |
| 13                       | 13             | 5.30            | 5494.70         | 1               |
| 14                       | 10             | 6.50            | 5493.50         | 1               |
| 15                       | 16             | 4.10            | 5495.90         | 1               |
| 16                       | 11             | 6.10            | 5493.90         | 1               |
| 17                       | 7              | 7.70            | 5492.30         | 1               |
| 18                       | 15             | 4.50            | 5495.50         | 1               |
| 19                       | 7              | 7.70            | 5492.30         | 1               |
| 20                       | 20             | 2.50            | 5497.50         | 1               |
| 21                       | 6              | 8.10            | 5508.10         | 0               |
| 22                       | 11             | 6.10            | 5506.10         | 1               |
| 23                       | 16             | 4.10            | 5504.10         | 1               |
| 24                       | 6              | 8.10            | 5508.10         | 1               |
| 25                       | 9              | 6.90            | 5506.90         | 1               |
| 26                       | 10             | 6.50            | 5506.50         | 1               |
| 27                       | 18             | 3.30            | 5503.30         | 0               |
| 28                       | 19             | 2.90            | 5502.90         | 1               |
| 29                       | 14             | 4.90            | 5504.90         | 1               |
| 30                       | 13             | 5.30            | 5505.30         | 1               |
| Total                    |                |                 |                 | 28              |
| Detection Percentage (%) |                |                 |                 | 93%             |
| Limit                    |                |                 |                 | 80%             |
| <b>Test Result</b>       |                |                 |                 | <b>Complied</b> |



**Data Sheet for Radar Type 5**

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 1          |        |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 591291                               | 70               | 11                | 2                          | 1208               | 1481       | -          |        |
| 815216                               | 51.8             | 11                | 1                          | 1896               | -          | -          |        |
| 117197                               | 97.9             | 11                | 3                          | 1255               | 1463       | 1169       |        |
| 340497                               | 75.4             | 11                | 2                          | 1776               | 1116       | -          |        |
| 563700                               | 70.6             | 11                | 2                          | 1361               | 1483       | -          |        |
| 786312                               | 85.5             | 11                | 3                          | 1168               | 1155       | 1192       |        |
| 89901                                | 70.6             | 11                | 2                          | 1078               | 1126       | -          |        |
| 312423                               | 97.5             | 11                | 3                          | 1237               | 1833       | 1540       |        |
| 536877                               | 64.5             | 11                | 1                          | 1698               | -          | -          |        |
| 759212                               | 81.4             | 11                | 2                          | 1575               | 1490       | -          |        |
| 62185                                | 99.2             | 11                | 3                          | 1350               | 1982       | 1902       |        |
| 285880                               | 54.7             | 11                | 1                          | 1722               | -          | -          |        |
| 508479                               | 75.7             | 11                | 2                          | 1594               | 1682       | -          |        |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 2          |        |
| Burst of Number                      | 8                | Burst Period(s)   | 1.5                        | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 1190042                              | 68.2             | 5                 | 2                          | 1790               | 1952       | -          |        |
| 56652                                | 84.7             | 5                 | 3                          | 1714               | 1515       | 1061       |        |
| 419783                               | 69.6             | 5                 | 2                          | 1458               | 1500       | -          |        |
| 783608                               | 56.5             | 5                 | 1                          | 1533               | -          | -          |        |
| 1144211                              | 84.2             | 5                 | 3                          | 1322               | 1988       | 1910       |        |
| 11992                                | 56.5             | 5                 | 1                          | 1411               | -          | -          |        |
| 374471                               | 97.5             | 5                 | 3                          | 1353               | 1981       | 1974       |        |
| 738925                               | 54.4             | 5                 | 1                          | 1365               | -          | -          |        |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 3          |                  |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 439705                               | 70               | 20                | 2                          | 1001               | 1246       | -                |
| 583092                               | 84.7             | 20                | 3                          | 1198               | 1120       | 1552             |
| 132117                               | 55.3             | 20                | 1                          | 1264               | -          | -                |
| 277048                               | 64.5             | 20                | 1                          | 1871               | -          | -                |
| 421122                               | 68.6             | 20                | 2                          | 1381               | 1894       | -                |
| 564997                               | 93.7             | 20                | 3                          | 1306               | 1111       | 1754             |
| 113465                               | 96.8             | 20                | 3                          | 1996               | 1535       | 1742             |
| 258948                               | 78.3             | 20                | 2                          | 1239               | 1166       | -                |
| 403936                               | 76.7             | 20                | 2                          | 1221               | 1107       | -                |
| 545928                               | 86.2             | 20                | 3                          | 1947               | 1800       | 1806             |
| 96115                                | 72.3             | 20                | 2                          | 1504               | 1176       | -                |
| 241508                               | 64.6             | 20                | 1                          | 1382               | -          | -                |
| 384855                               | 95.4             | 20                | 3                          | 1598               | 1117       | 1511             |
| 528969                               | 85.4             | 20                | 3                          | 1631               | 1870       | 1152             |
| 78179                                | 73.2             | 20                | 2                          | 1729               | 1649       | -                |
| 223000                               | 77.7             | 20                | 2                          | 1815               | 1238       | -                |
| 368464                               | 65.7             | 20                | 1                          | 1941               | -          | -                |
| 510325                               | 90.2             | 20                | 3                          | 1899               | 1935       | 1819             |
| 60248                                | 98.9             | 20                | 3                          | 1194               | 1675       | 1570             |
| 205316                               | 79.6             | 20                | 2                          | 1245               | 1375       | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 4          |                  |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 501575                               | 51               | 13                | 1                          | 1542               | -          | -                |
| 707132                               | 98.7             | 13                | 3                          | 1613               | 1219       | 1066             |
| 60818                                | 91.5             | 13                | 3                          | 1072               | 1397       | 1549             |
| 267493                               | 87               | 13                | 3                          | 1253               | 1748       | 1762             |
| 475767                               | 66.3             | 13                | 1                          | 1987               | -          | -                |
| 680475                               | 86.6             | 13                | 3                          | 1785               | 1777       | 1797             |
| 35313                                | 95.2             | 13                | 3                          | 1482               | 1137       | 1844             |
| 242662                               | 73.5             | 13                | 2                          | 1059               | 1475       | -                |
| 449288                               | 98               | 13                | 3                          | 1180               | 1480       | 1096             |
| 657034                               | 74.6             | 13                | 2                          | 1324               | 1427       | -                |
| 9842                                 | 92.4             | 13                | 3                          | 1133               | 1753       | 1378             |
| 217141                               | 82               | 13                | 2                          | 1236               | 1259       | -                |
| 422905                               | 87.8             | 13                | 3                          | 1803               | 1842       | 1900             |
| 631115                               | 72.9             | 13                | 2                          | 1559               | 1726       | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 5          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 902081                               | 100              | 11                | 3                          | 1258               |         | 1396       | 1493       |
| 206352                               | 67.1             | 11                | 2                          | 1492               |         | 1179       | -          |
| 429145                               | 92.5             | 11                | 3                          | 1410               |         | 1150       | 1042       |
| 653709                               | 60.9             | 11                | 1                          | 1399               |         | -          | -          |
| 877441                               | 52               | 11                | 1                          | 1193               |         | -          | -          |
| 178469                               | 91.8             | 11                | 3                          | 1686               |         | 1403       | 1569       |
| 402251                               | 73.8             | 11                | 2                          | 1067               |         | 1218       | -          |
| 625039                               | 69.2             | 11                | 2                          | 1841               |         | 1229       | -          |
| 847087                               | 87.9             | 11                | 3                          | 1073               |         | 1416       | 1755       |
| 151064                               | 95.2             | 11                | 3                          | 1197               |         | 1512       | 1756       |
| 374324                               | 76.8             | 11                | 2                          | 1437               |         | 1879       | -          |
| 596338                               | 90.1             | 11                | 3                          | 1352               |         | 1925       | 1666       |
| 820999                               | 80.4             | 11                | 2                          | 1586               |         | 1132       | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 6          |                  |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 94587                                | 82.8             | 16                | 2                          | 1332               | 1689       | -                |
| 265527                               | 61.5             | 16                | 1                          | 1764               | -          | -                |
| 435227                               | 91.9             | 16                | 3                          | 1301               | 1024       | 1167             |
| 605381                               | 90.8             | 16                | 3                          | 1277               | 1091       | 1354             |
| 73476                                | 94               | 16                | 3                          | 1185               | 1805       | 1109             |
| 244588                               | 57.6             | 16                | 1                          | 1487               | -          | -                |
| 414781                               | 67.8             | 16                | 2                          | 1026               | 1554       | -                |
| 586578                               | 53.4             | 16                | 1                          | 1110               | -          | -                |
| 52576                                | 71.4             | 16                | 2                          | 1583               | 1653       | -                |
| 222476                               | 93.3             | 16                | 3                          | 1791               | 1766       | 1296             |
| 393218                               | 68.4             | 16                | 2                          | 1678               | 1890       | -                |
| 562777                               | 98.2             | 16                | 3                          | 1510               | 1605       | 1418             |
| 31603                                | 82               | 16                | 2                          | 1300               | 1523       | -                |
| 201756                               | 98.6             | 16                | 3                          | 1020               | 1070       | 1990             |
| 372162                               | 73.3             | 16                | 2                          | 1999               | 1709       | -                |
| 542921                               | 80.3             | 16                | 2                          | 1205               | 1908       | -                |
| 10620                                | 52               | 16                | 1                          | 1445               | -          | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 7          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 236763                               | 93.9             | 11                | 3                          | 1325               |         | 1401       | 1265       |
| 458923                               | 90.3             | 11                | 3                          | 1962               |         | 1647       | 1876       |
| 683506                               | 76.8             | 11                | 2                          | 1499               |         | 1242       | -          |
| 906848                               | 72.4             | 11                | 2                          | 1595               |         | 1013       | -          |
| 209338                               | 85.5             | 11                | 3                          | 1048               |         | 1368       | 1438       |
| 433316                               | 56               | 11                | 1                          | 1646               |         | -          | -          |
| 654365                               | 85.2             | 11                | 3                          | 1784               |         | 1878       | 1389       |
| 880256                               | 54.8             | 11                | 1                          | 1659               |         | -          | -          |
| 181618                               | 88.1             | 11                | 3                          | 1927               |         | 1928       | 1307       |
| 405781                               | 57.1             | 11                | 1                          | 1664               |         | -          | -          |
| 629680                               | 55.8             | 11                | 1                          | 1039               |         | -          | -          |
| 852332                               | 81.8             | 11                | 2                          | 1050               |         | 1038       | -          |
| 154801                               | 60.7             | 11                | 1                          | 1557               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 8          |                  |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 244340                               | 96.4             | 20                | 3                          | 1226               | 1572       | 2000             |
| 390950                               | 60.1             | 20                | 1                          | 1346               | -          | -                |
| 534907                               | 76.3             | 20                | 2                          | 1441               | 1284       | -                |
| 82690                                | 56.2             | 20                | 1                          | 1273               | -          | -                |
| 227993                               | 62.4             | 20                | 1                          | 1031               | -          | -                |
| 372695                               | 62               | 20                | 1                          | 1940               | -          | -                |
| 517788                               | 56               | 20                | 1                          | 1889               | -          | -                |
| 64471                                | 83.9             | 20                | 3                          | 1106               | 1311       | 1930             |
| 209097                               | 98.4             | 20                | 3                          | 1260               | 1022       | 1606             |
| 354143                               | 74.3             | 20                | 2                          | 1178               | 1917       | -                |
| 499561                               | 70               | 20                | 2                          | 1069               | 1249       | -                |
| 46749                                | 69.5             | 20                | 2                          | 1773               | 1652       | -                |
| 191589                               | 78.6             | 20                | 2                          | 1347               | 1603       | -                |
| 336486                               | 73.9             | 20                | 2                          | 1177               | 1608       | -                |
| 481767                               | 74.1             | 20                | 2                          | 1153               | 1089       | -                |
| 28998                                | 62.7             | 20                | 1                          | 1944               | -          | -                |
| 173769                               | 70.1             | 20                | 2                          | 1224               | 1672       | -                |
| 317895                               | 93.3             | 20                | 3                          | 1217               | 1015       | 1957             |
| 464152                               | 50.5             | 20                | 1                          | 1929               | -          | -                |
| 11067                                | 89               | 20                | 3                          | 1945               | 1615       | 1847             |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 9          |            |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 283763                               | 85.8             | 9                 | 3                          | 1451               |         | 1023       | 1821       |
| 548478                               | 51.3             | 9                 | 1                          | 1960               |         | -          | -          |
| 809743                               | 86.6             | 9                 | 3                          | 1998               |         | 1989       | 1778       |
| 1077369                              | 63.2             | 9                 | 1                          | 1270               |         | -          | -          |
| 251895                               | 57.9             | 9                 | 1                          | 1730               |         | -          | -          |
| 514624                               | 97.4             | 9                 | 3                          | 1488               |         | 1953       | 1309       |
| 780737                               | 55.4             | 9                 | 1                          | 1002               |         | -          | -          |
| 1044449                              | 56.6             | 9                 | 1                          | 1654               |         | -          | -          |
| 218719                               | 86               | 9                 | 3                          | 1683               |         | 1425       | 1787       |
| 483655                               | 55.9             | 9                 | 1                          | 1417               |         | -          | -          |
| 747738                               | 50.5             | 9                 | 1                          | 1641               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 10         |                  |
| Burst of Number                      | 9                | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 695151                               | 61.9             | 15                | 1                          | 1713               | -          | -                |
| 128132                               | 71.6             | 15                | 2                          | 1320               | 1648       | -                |
| 309769                               | 60.6             | 15                | 1                          | 1862               | -          | -                |
| 489296                               | 97               | 15                | 3                          | 1244               | 1669       | 1873             |
| 672580                               | 58.2             | 15                | 1                          | 1954               | -          | -                |
| 105804                               | 71.9             | 15                | 2                          | 1694               | 1351       | -                |
| 286805                               | 75.7             | 15                | 2                          | 1869               | 1591       | -                |
| 467329                               | 86.1             | 15                | 3                          | 1161               | 1266       | 1887             |
| 650589                               | 61.2             | 15                | 1                          | 1544               | -          | -                |
| 83455                                | 74.3             | 15                | 2                          | 1934               | 1415       | -                |
| 264701                               | 68.2             | 15                | 2                          | 1422               | 1478       | -                |
| 444952                               | 95.5             | 15                | 3                          | 1657               | 1214       | 1610             |
| 628454                               | 65.9             | 15                | 1                          | 1276               | -          | -                |
| 61315                                | 56.8             | 15                | 1                          | 1335               | -          | -                |
| 242712                               | 52.9             | 15                | 1                          | 1881               | -          | -                |
| 424295                               | 56.8             | 15                | 1                          | 1634               | -          | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 11         |                                         |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 483494                               | 82.2             | 20                | 2                          | 1691               | 1029       | -          |                                         |
| 31130                                | 61.1             | 20                | 1                          | 1623               | -          | -          |                                         |
| 175309                               | 92.1             | 20                | 3                          | 1303               | 1697       | 1836       |                                         |
| 320742                               | 68               | 20                | 2                          | 1362               | 1450       | -          |                                         |
| 466659                               | 63.9             | 20                | 1                          | 1426               | -          | -          |                                         |
| 13250                                | 55.3             | 20                | 1                          | 1823               | -          | -          |                                         |
| 157701                               | 92.9             | 20                | 3                          | 1232               | 1191       | 1763       |                                         |
| 302865                               | 75               | 20                | 2                          | 1571               | 1312       | -          |                                         |
| 446764                               | 95               | 20                | 3                          | 1254               | 1650       | 1207       |                                         |
| 591996                               | 73.6             | 20                | 2                          | 1550               | 1846       | -          |                                         |
| 140621                               | 63               | 20                | 1                          | 1121               | -          | -          |                                         |
| 283899                               | 98.4             | 20                | 3                          | 1343               | 1977       | 1926       |                                         |
| 430680                               | 65.1             | 20                | 1                          | 1725               | -          | -          |                                         |
| 575746                               | 56.5             | 20                | 1                          | 1761               | -          | -          |                                         |
| 122072                               | 99.4             | 20                | 3                          | 1241               | 1118       | 1973       |                                         |
| 266724                               | 98               | 20                | 3                          | 1588               | 1304       | 1028       |                                         |
| 410761                               | 92.5             | 20                | 3                          | 1484               | 1733       | 1473       |                                         |
| 556827                               | 73.8             | 20                | 2                          | 1574               | 1310       | -          |                                         |
| 104794                               | 58               | 20                | 1                          | 1380               | -          | -          |                                         |
| 248823                               | 97.9             | 20                | 3                          | 1443               | 1326       | 1376       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 12         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 878323                               | 68               | 6                 | 2                          | 1562               | 1223       | -          |                                         |
| 1201036                              | 77               | 6                 | 2                          | 1576               | 1195       | -          |                                         |
| 193430                               | 65.9             | 6                 | 1                          | 1019               | -          | -          |                                         |
| 515373                               | 90.9             | 6                 | 3                          | 1728               | 1142       | 1206       |                                         |
| 837168                               | 94.4             | 6                 | 3                          | 1333               | 1997       | 1685       |                                         |
| 1162414                              | 57.1             | 6                 | 1                          | 1479               | -          | -          |                                         |
| 153280                               | 89.3             | 6                 | 3                          | 1447               | 1536       | 1062       |                                         |
| 476708                               | 64.6             | 6                 | 1                          | 1156               | -          | -          |                                         |
| 798519                               | 67.6             | 6                 | 2                          | 1975               | 1319       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 13         |                                         |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 721573                               | 55.9             | 13                | 1                          | 1087               | -          | -          |                                         |
| 72983                                | 70.6             | 13                | 2                          | 1516               | 1373       | -          |                                         |
| 280517                               | 56.4             | 13                | 1                          | 1822               | -          | -          |                                         |
| 488047                               | 54.9             | 13                | 1                          | 1667               | -          | -          |                                         |
| 692783                               | 90.5             | 13                | 3                          | 1636               | 1670       | 1736       |                                         |
| 47463                                | 73.3             | 13                | 2                          | 1462               | 1435       | -          |                                         |
| 253983                               | 95.6             | 13                | 3                          | 1681               | 1897       | 1538       |                                         |
| 460713                               | 94               | 13                | 3                          | 1555               | 1620       | 1780       |                                         |
| 667923                               | 87.9             | 13                | 3                          | 1140               | 1812       | 1329       |                                         |
| 21923                                | 86.7             | 13                | 3                          | 1095               | 1456       | 1097       |                                         |
| 229477                               | 56.6             | 13                | 1                          | 1581               | -          | -          |                                         |
| 436459                               | 78.8             | 13                | 2                          | 1308               | 1289       | -          |                                         |
| 642305                               | 85.7             | 13                | 3                          | 1299               | 1852       | 1315       |                                         |
| 852309                               | 51.9             | 13                | 1                          | 1250               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 14         |                                         |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 237287                               | 84.6             | 10                | 3                          | 1314               | 1508       | 1611       |                                         |
| 480167                               | 58.8             | 10                | 1                          | 1472               | -          | -          |                                         |
| 721239                               | 77.4             | 10                | 2                          | 1092               | 1904       | -          |                                         |
| 963224                               | 71               | 10                | 2                          | 1139               | 1671       | -          |                                         |
| 208121                               | 54.6             | 10                | 1                          | 1673               | -          | -          |                                         |
| 449554                               | 74.9             | 10                | 2                          | 1469               | 1738       | -          |                                         |
| 691801                               | 70.3             | 10                | 2                          | 1233               | 1263       | -          |                                         |
| 934484                               | 52.9             | 10                | 1                          | 1687               | -          | -          |                                         |
| 177771                               | 92.1             | 10                | 3                          | 1433               | 1826       | 1355       |                                         |
| 419126                               | 98.9             | 10                | 3                          | 1915               | 1407       | 1428       |                                         |
| 662911                               | 55.1             | 10                | 1                          | 1125               | -          | -          |                                         |
| 902272                               | 88.9             | 10                | 3                          | 1635               | 1045       | 1643       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 15         |                                                   |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 104782                               | 55.1             | 16                | 1                          | 1331               | -          | -                                                 |
| 274485                               | 95.2             | 16                | 3                          | 1288               | 1262       | 1779                                              |
| 446644                               | 51.1             | 16                | 1                          | 1157               | -          | -                                                 |
| 615134                               | 73.6             | 16                | 2                          | 1965               | 1963       | -                                                 |
| 83697                                | 56.7             | 16                | 1                          | 1637               | -          | -                                                 |
| 254526                               | 66               | 16                | 1                          | 1563               | -          | -                                                 |
| 424104                               | 78.2             | 16                | 2                          | 1872               | 1746       | -                                                 |
| 596368                               | 57.3             | 16                | 1                          | 1323               | -          | -                                                 |
| 62396                                | 89.1             | 16                | 3                          | 1882               | 1328       | 1370                                              |
| 233528                               | 53               | 16                | 1                          | 1432               | -          | -                                                 |
| 404155                               | 56.6             | 16                | 1                          | 1824               | -          | -                                                 |
| 572746                               | 93.4             | 16                | 3                          | 1699               | 1269       | 1507                                              |
| 41534                                | 74.7             | 16                | 2                          | 1498               | 1593       | -                                                 |
| 211866                               | 83.3             | 16                | 2                          | 1585               | 1892       | -                                                 |
| 383319                               | 53.8             | 16                | 1                          | 1460               | -          | -                                                 |
| 553954                               | 53.9             | 16                | 1                          | 1727               | -          | -                                                 |
| 20589                                | 54.5             | 16                | 1                          | 1356               | -          | -                                                 |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 16         |                                         |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 249549                               | 87.2             | 11                | 3                          | 1529               | 1868       | 1392       |                                         |
| 473814                               | 51.3             | 11                | 1                          | 1772               | -          | -          |                                         |
| 696747                               | 69.1             | 11                | 2                          | 1145               | 1305       | -          |                                         |
| 919852                               | 82.3             | 11                | 2                          | 1614               | 1012       | -          |                                         |
| 222458                               | 75               | 11                | 2                          | 1477               | 1898       | -          |                                         |
| 445510                               | 81.4             | 11                | 2                          | 1625               | 1760       | -          |                                         |
| 669234                               | 82               | 11                | 2                          | 1290               | 1173       | -          |                                         |
| 891674                               | 66.9             | 11                | 2                          | 1526               | 1801       | -          |                                         |
| 194770                               | 86.2             | 11                | 3                          | 1172               | 1980       | 1227       |                                         |
| 417571                               | 84.6             | 11                | 3                          | 1932               | 1394       | 1079       |                                         |
| 640275                               | 89.8             | 11                | 3                          | 1601               | 1071       | 1880       |                                         |
| 862582                               | 97.4             | 11                | 3                          | 1985               | 1745       | 1316       |                                         |
| 167886                               | 52.9             | 11                | 1                          | 1294               | -          | -          |                                         |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 17         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 564844                               | 78.5             | 7                 | 2                          | 1406               | 1829       | -          |                                         |
| 888379                               | 57.6             | 7                 | 1                          | 1820               | -          | -          |                                         |
| 1208797                              | 99.8             | 7                 | 3                          | 1248               | 1692       | 1645       |                                         |
| 202812                               | 51.5             | 7                 | 1                          | 1298               | -          | -          |                                         |
| 525477                               | 68.1             | 7                 | 2                          | 1088               | 1213       | -          |                                         |
| 848768                               | 50.3             | 7                 | 1                          | 1558               | -          | -          |                                         |
| 1169382                              | 92.8             | 7                 | 3                          | 1580               | 1573       | 1114       |                                         |
| 162951                               | 64.2             | 7                 | 1                          | 1854               | -          | -          |                                         |
| 485678                               | 79.9             | 7                 | 2                          | 1011               | 1387       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 18         |                                         |
| Burst of Number                      | 16               | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 452762                               | 90.6             | 15                | 3                          | 1885               | 1390       | 1371       |                                         |
| 636546                               | 50.5             | 15                | 1                          | 1103               | -          | -          |                                         |
| 69136                                | 78.3             | 15                | 2                          | 1485               | 1175       | -          |                                         |
| 250688                               | 62.9             | 15                | 1                          | 1768               | -          | -          |                                         |
| 431876                               | 81.6             | 15                | 2                          | 1211               | 1044       | -          |                                         |
| 613696                               | 52.2             | 15                | 1                          | 1684               | -          | -          |                                         |
| 46710                                | 84               | 15                | 3                          | 1704               | 1338       | 1209       |                                         |
| 227355                               | 96.3             | 15                | 3                          | 1920               | 1674       | 1384       |                                         |
| 409287                               | 71.3             | 15                | 2                          | 1292               | 1421       | -          |                                         |
| 590397                               | 71.1             | 15                | 2                          | 1818               | 1060       | -          |                                         |
| 24536                                | 66.3             | 15                | 1                          | 1055               | -          | -          |                                         |
| 205244                               | 98.5             | 15                | 3                          | 1712               | 1448       | 1291       |                                         |
| 387827                               | 54.9             | 15                | 1                          | 1043               | -          | -          |                                         |
| 566988                               | 97.5             | 15                | 3                          | 1749               | 1158       | 1404       |                                         |
| 2150                                 | 86.1             | 15                | 3                          | 1607               | 1867       | 1436       |                                         |
| 183641                               | 56.5             | 15                | 1                          | 1721               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 19         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 649004                               | 80.2             | 7                 | 2                          | 1476               | 1792       | -          |                                         |
| 972632                               | 63.8             | 7                 | 1                          | 1837               | -          | -          |                                         |
| 1294265                              | 69.1             | 7                 | 2                          | 1455               | 1715       | -          |                                         |
| 287125                               | 56.7             | 7                 | 1                          | 1234               | -          | -          |                                         |
| 609502                               | 70.5             | 7                 | 2                          | 1127               | 1633       | -          |                                         |
| 931751                               | 81.5             | 7                 | 2                          | 1629               | 1783       | -          |                                         |
| 1253215                              | 88.5             | 7                 | 3                          | 1147               | 1810       | 1604       |                                         |
| 247305                               | 60               | 7                 | 1                          | 1363               | -          | -          |                                         |
| 568977                               | 86.1             | 7                 | 3                          | 1212               | 1662       | 1696       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 20         |                                                   |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 400523                               | 74.5             | 20                | 2                          | 1775               | 1082       | -                                                 |
| 544232                               | 99.1             | 20                | 3                          | 1564               | 1074       | 1442                                              |
| 92772                                | 93.7             | 20                | 3                          | 1995               | 1235       | 1293                                              |
| 238062                               | 73.1             | 20                | 2                          | 1006               | 1337       | -                                                 |
| 383830                               | 65.2             | 20                | 1                          | 1068               | -          | -                                                 |
| 529131                               | 53.4             | 20                | 1                          | 1021               | -          | -                                                 |
| 75357                                | 61.2             | 20                | 1                          | 1553               | -          | -                                                 |
| 219129                               | 90.3             | 20                | 3                          | 1807               | 1912       | 1551                                              |
| 365634                               | 57.2             | 20                | 1                          | 1565               | -          | -                                                 |
| 510479                               | 60.8             | 20                | 1                          | 1909               | -          | -                                                 |
| 57360                                | 68.5             | 20                | 2                          | 1626               | 1163       | -                                                 |
| 202693                               | 54               | 20                | 1                          | 1340               | -          | -                                                 |
| 347847                               | 62.1             | 20                | 1                          | 1408               | -          | -                                                 |
| 490344                               | 99.8             | 20                | 3                          | 1556               | 1877       | 1230                                              |
| 39483                                | 79.7             | 20                | 2                          | 1701               | 1622       | -                                                 |
| 184461                               | 82.9             | 20                | 2                          | 1302               | 1164       | -                                                 |
| 328025                               | 89.9             | 20                | 3                          | 1520               | 1638       | 1769                                              |
| 475199                               | 63.2             | 20                | 1                          | 1336               | -          | -                                                 |
| 21678                                | 68.6             | 20                | 2                          | 1502               | 1256       | -                                                 |
| 166512                               | 81               | 20                | 2                          | 1398               | 1420       | -                                                 |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 21         |                                      |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 694608                               | 54.5             | 6                 | 1                          | 1034               | -          | -          |                                      |
| 1016456                              | 73.6             | 6                 | 2                          | 1590               | 1115       | -          |                                      |
| 8551                                 | 60.1             | 6                 | 1                          | 1933               | -          | -          |                                      |
| 331564                               | 63.7             | 6                 | 1                          | 1505               | -          | -          |                                      |
| 653496                               | 95.1             | 6                 | 3                          | 1405               | 1075       | 1220       |                                      |
| 975332                               | 88               | 6                 | 3                          | 1628               | 1744       | 1202       |                                      |
| 1297079                              | 86.6             | 6                 | 3                          | 1271               | 1914       | 1921       |                                      |
| 291425                               | 73.6             | 6                 | 2                          | 1188               | 1924       | -          |                                      |
| 614597                               | 57.5             | 6                 | 1                          | 1916               | -          | -          |                                      |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 22         |                                      |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 648947                               | 59.4             | 11                | 1                          | 1464               | -          | -          |                                      |
| 872834                               | 59.1             | 11                | 1                          | 1077               | -          | -          |                                      |
| 174442                               | 62               | 11                | 1                          | 1104               | -          | -          |                                      |
| 397033                               | 68.2             | 11                | 2                          | 1747               | 1711       | -          |                                      |
| 619847                               | 76.8             | 11                | 2                          | 1972               | 1816       | -          |                                      |
| 844713                               | 57               | 11                | 1                          | 1706               | -          | -          |                                      |
| 146857                               | 53.2             | 11                | 1                          | 1367               | -          | -          |                                      |
| 369203                               | 90.4             | 11                | 3                          | 1731               | 1446       | 1170       |                                      |
| 592949                               | 73.2             | 11                | 2                          | 1201               | 1710       | -          |                                      |
| 817479                               | 56.1             | 11                | 1                          | 1377               | -          | -          |                                      |
| 119201                               | 67.7             | 11                | 2                          | 1130               | 1171       | -          |                                      |
| 342999                               | 55.1             | 11                | 1                          | 1007               | -          | -          |                                      |
| 566579                               | 58.1             | 11                | 1                          | 1090               | -          | -          |                                      |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 23         |                                                |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 601322                               | 97.7             | 16                | 3                          | 1345               | 1186       | 1735                                           |
| 69798                                | 86.6             | 16                | 3                          | 1578               | 1884       | 1521                                           |
| 240236                               | 67.6             | 16                | 2                          | 1861               | 1813       | -                                              |
| 411573                               | 52.4             | 16                | 1                          | 1913               | -          | -                                              |
| 581299                               | 68               | 16                | 2                          | 1719               | 1414       | -                                              |
| 49079                                | 64               | 16                | 1                          | 1828               | -          | -                                              |
| 218917                               | 89.4             | 16                | 3                          | 1765               | 1548       | 1453                                           |
| 389991                               | 73.8             | 16                | 2                          | 1690               | 1216       | -                                              |
| 560724                               | 80.6             | 16                | 2                          | 1327               | 1280       | -                                              |
| 27969                                | 68.2             | 16                | 2                          | 1893               | 1857       | -                                              |
| 198477                               | 69.9             | 16                | 2                          | 1474               | 1501       | -                                              |
| 368635                               | 79               | 16                | 2                          | 1619               | 1964       | -                                              |
| 539754                               | 81.5             | 16                | 2                          | 1395               | 1160       | -                                              |
| 7017                                 | 50.9             | 16                | 1                          | 1366               | -          | -                                              |
| 177018                               | 88.9             | 16                | 3                          | 1080               | 1978       | 1740                                           |
| 347849                               | 80               | 16                | 2                          | 1339               | 1850       | -                                              |
| 518155                               | 78.1             | 16                | 2                          | 1503               | 1848       | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 24         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H - (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 1303061                              | 77.3             | 6                 | 2                          | 1858               | 1937       | -          |                                         |
| 296120                               | 66.9             | 6                 | 2                          | 1452               | 1703       | -          |                                         |
| 618053                               | 87.6             | 6                 | 3                          | 1461               | 1679       | 1471       |                                         |
| 941705                               | 82.8             | 6                 | 2                          | 1058               | 1582       | -          |                                         |
| 1262467                              | 97.9             | 6                 | 3                          | 1561               | 1786       | 1369       |                                         |
| 256754                               | 51.6             | 6                 | 1                          | 1225               | -          | -          |                                         |
| 579778                               | 56.4             | 6                 | 1                          | 1349               | -          | -          |                                         |
| 900681                               | 85.8             | 6                 | 3                          | 1708               | 1025       | 1781       |                                         |
| 1223080                              | 85.3             | 6                 | 3                          | 1357               | 1971       | 1057       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 25         |                                      |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 177128                               | 92.7             | 9                 | 3                          | 1040               | 1064       | 1252       |                                      |
| 441120                               | 76.5             | 9                 | 2                          | 1567               | 1231       | -          |                                      |
| 703834                               | 92.6             | 9                 | 3                          | 1739               | 1434       | 1457       |                                      |
| 968288                               | 66.7             | 9                 | 2                          | 1774               | 1737       | -          |                                      |
| 144880                               | 57.1             | 9                 | 1                          | 1532               | -          | -          |                                      |
| 408948                               | 50.9             | 9                 | 1                          | 1907               | -          | -          |                                      |
| 672738                               | 75.9             | 9                 | 2                          | 1054               | 1383       | -          |                                      |
| 935219                               | 96.5             | 9                 | 3                          | 1802               | 1341       | 1046       |                                      |
| 112148                               | 75.9             | 9                 | 2                          | 1951               | 1400       | -          |                                      |
| 376130                               | 73.5             | 9                 | 2                          | 1053               | 1677       | -          |                                      |
| 638910                               | 96.2             | 9                 | 3                          | 1531               | 1865       | 1268       |                                      |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 26         |                                      |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 826712                               | 92.6             | 10                | 3                          | 1834               | 1000       | 1983       |                                      |
| 72998                                | 69.9             | 10                | 2                          | 1849               | 1518       | -          |                                      |
| 314688                               | 72.5             | 10                | 2                          | 1489               | 1958       | -          |                                      |
| 555527                               | 84.2             | 10                | 3                          | 1831               | 1182       | 1967       |                                      |
| 797115                               | 83.8             | 10                | 3                          | 1843               | 1348       | 1459       |                                      |
| 43224                                | 78.8             | 10                | 2                          | 1412               | 1979       | -          |                                      |
| 284734                               | 91               | 10                | 3                          | 1295               | 1086       | 1705       |                                      |
| 526386                               | 92.2             | 10                | 3                          | 1003               | 1723       | 1148       |                                      |
| 767431                               | 89.3             | 10                | 3                          | 1660               | 1724       | 1200       |                                      |
| 13435                                | 95.4             | 10                | 3                          | 1439               | 1190       | 1942       |                                      |
| 255680                               | 56.1             | 10                | 1                          | 1358               | -          | -          |                                      |
| 497683                               | 64.3             | 10                | 1                          | 1759               | -          | -          |                                      |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 27         |                                                |
| Burst of Number                      | 19               | Burst Period(s)   | 0.6315789                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 466662                               | 60.4             | 18                | 1                          | 1883               | -          | -                                              |
| 616742                               | 95.2             | 18                | 3                          | 1991               | 1243       | 1334                                           |
| 142355                               | 78.8             | 18                | 2                          | 1016               | 1100       | -                                              |
| 295519                               | 50.7             | 18                | 1                          | 1051               | -          | -                                              |
| 446771                               | 67.6             | 18                | 2                          | 1527               | 1874       | -                                              |
| 599225                               | 75.4             | 18                | 2                          | 1809               | 1486       | -                                              |
| 123039                               | 99.9             | 18                | 3                          | 1010               | 1970       | 1741                                           |
| 275129                               | 85               | 18                | 3                          | 1330               | 1318       | 1943                                           |
| 428981                               | 61.1             | 18                | 1                          | 1968               | -          | -                                              |
| 580996                               | 66.7             | 18                | 2                          | 1644               | 1065       | -                                              |
| 104670                               | 82.7             | 18                | 2                          | 1313               | 1261       | -                                              |
| 257432                               | 71.4             | 18                | 2                          | 1027               | 1037       | -                                              |
| 410696                               | 62.9             | 18                | 1                          | 1162               | -          | -                                              |
| 561441                               | 81.3             | 18                | 2                          | 1939               | 1630       | -                                              |
| 86077                                | 63.9             | 18                | 1                          | 1122               | -          | -                                              |
| 239011                               | 61.1             | 18                | 1                          | 1047               | -          | -                                              |
| 390966                               | 68.9             | 18                | 2                          | 1204               | 1402       | -                                              |
| 544078                               | 53.1             | 18                | 1                          | 1950               | -          | -                                              |
| 66876                                | 85.1             | 18                | 3                          | 1468               | 1129       | 1959                                           |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 28                                             |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 208292                               | 75.1             | 19                | 2                          | 1577               | 1919       | -                                              |
| 354271                               | 65.3             | 19                | 1                          | 1286               | -          | -                                              |
| 495997                               | 83.9             | 19                | 3                          | 1955               | 1534       | 1969                                           |
| 45716                                | 85.5             | 19                | 3                          | 1624               | 1587       | 1386                                           |
| 191235                               | 57.3             | 19                | 1                          | 1105               | -          | -                                              |
| 334080                               | 94.4             | 19                | 3                          | 1901               | 1992       | 1495                                           |
| 481017                               | 53.3             | 19                | 1                          | 2000               | -          | -                                              |
| 27921                                | 99               | 19                | 3                          | 1379               | 1789       | 1592                                           |
| 172578                               | 69.1             | 19                | 2                          | 1922               | 1830       | -                                              |
| 318204                               | 60.7             | 19                | 1                          | 1839               | -          | -                                              |
| 463599                               | 64.3             | 19                | 1                          | 1423               | -          | -                                              |
| 10138                                | 96.6             | 19                | 3                          | 1680               | 1440       | 1702                                           |
| 154700                               | 90               | 19                | 3                          | 1798               | 1009       | 1196                                           |
| 298982                               | 86.6             | 19                | 3                          | 1413               | 1524       | 1596                                           |
| 445818                               | 62.1             | 19                | 1                          | 1287               | -          | -                                              |
| 589319                               | 82.1             | 19                | 2                          | 1159               | 1856       | -                                              |
| 137185                               | 71.5             | 19                | 2                          | 1621               | 1119       | -                                              |
| 281563                               | 78.3             | 19                | 2                          | 1888               | 1860       | -                                              |
| 427881                               | 50.1             | 19                | 1                          | 1359               | -          | -                                              |
| 572624                               | 58.3             | 19                | 1                          | 1825               | -          | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 29         |                                                |
| Burst of Number                      | 15               | Burst Period(s)   | 0.8                        | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 159228                               | 71               | 14                | 2                          | 1700               | 1429       | -                                              |
| 352518                               | 76               | 14                | 2                          | 1895               | 1181       | -                                              |
| 544323                               | 88.6             | 14                | 3                          | 1364               | 1961       | 1903                                           |
| 737838                               | 85               | 14                | 3                          | 1757               | 1281       | 1372                                           |
| 135567                               | 75.8             | 14                | 2                          | 1099               | 1174       | -                                              |
| 328212                               | 87.2             | 14                | 3                          | 1285               | 1014       | 1984                                           |
| 522698                               | 51.1             | 14                | 1                          | 1994               | -          | -                                              |
| 715290                               | 71.3             | 14                | 2                          | 1525               | 1528       | -                                              |
| 111884                               | 52.4             | 14                | 1                          | 1210               | -          | -                                              |
| 305327                               | 64.8             | 14                | 1                          | 1966               | -          | -                                              |
| 497761                               | 79.9             | 14                | 2                          | 1938               | 1811       | -                                              |
| 691696                               | 73.2             | 14                | 2                          | 1661               | 1143       | -                                              |
| 87610                                | 86.1             | 14                | 3                          | 1993               | 1282       | 1665                                           |
| 281813                               | 60.2             | 14                | 1                          | 1041               | -          | -                                              |
| 474637                               | 81.1             | 14                | 2                          | 1617               | 1017       | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 30         |                                                   |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency $F_H + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 713761                               | 99.1             | 13                | 3                          | 1466               | 1853       | 1864                                              |
| 68606                                | 76.6             | 13                | 2                          | 1948               | 1018       | -                                                 |
| 276396                               | 59.6             | 13                | 1                          | 1030               | -          | -                                                 |
| 482744                               | 71.4             | 13                | 2                          | 1513               | 1793       | -                                                 |
| 691089                               | 56.4             | 13                | 1                          | 1743               | -          | -                                                 |
| 43150                                | 64.2             | 13                | 1                          | 1752               | -          | -                                                 |
| 250293                               | 76.4             | 13                | 2                          | 1251               | 1579       | -                                                 |
| 457068                               | 80.8             | 13                | 2                          | 1838               | 1782       | -                                                 |
| 665070                               | 74.2             | 13                | 2                          | 1093               | 1247       | -                                                 |
| 17534                                | 96.8             | 13                | 3                          | 1855               | 1771       | 1135                                              |
| 224742                               | 70.1             | 13                | 2                          | 1658               | 1283       | -                                                 |
| 430908                               | 92.7             | 13                | 3                          | 1618               | 1514       | 1795                                              |
| 638128                               | 84.8             | 13                | 3                          | 1430               | 1279       | 1509                                              |
| 847663                               | 50.7             | 13                | 1                          | 1519               | -          | -                                                 |

**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             | 1                                     |
| 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             | 1                                     |
| 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 (%) |                         |                     |                         |                 | 100                                   |
| Limit                    |                         |                     |                         |                 | 70%                                   |
| <b>Test Result</b>       |                         |                     |                         |                 | <b>Complied</b>                       |

**Modulation Mode: 802.11ac (VHT40)****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                        | 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             | 1                                     |
| 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             | 1                                     |
| 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            | 1                                     |
| 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 (%) |                         |                                              |                                                              |                 | 100                                   |
| Limit                    |                         |                                              |                                                              |                 | 60%                                   |
| <b>Test Result</b>       |                         |                                              |                                                              |                 | <b>Complied</b>                       |

**Type 2 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                    | 2.6                     | 221             | 23                    | 1                                     |
| 2                        | 5497                    | 4.6                     | 198             | 27                    | 1                                     |
| 3                        | 5498                    | 1.1                     | 184             | 29                    | 1                                     |
| 4                        | 5499                    | 4.8                     | 203             | 24                    | 1                                     |
| 5                        | 5500                    | 2.4                     | 162             | 25                    | 1                                     |
| 6                        | 5501                    | 3.4                     | 204             | 28                    | 1                                     |
| 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                    | 1                                     |
| 13                       | 5508                    | 1.6                     | 204             | 26                    | 1                                     |
| 14                       | 5509                    | 3.9                     | 181             | 25                    | 1                                     |
| 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                    | 1                                     |
| 19                       | 5514                    | 4.3                     | 188             | 23                    | 1                                     |
| 20                       | 5515                    | 1.5                     | 215             | 26                    | 1                                     |
| 21                       | 5516                    | 4.9                     | 227             | 27                    | 1                                     |
| 22                       | 5517                    | 1.1                     | 199             | 23                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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             | 1                             |
| 2                        | 5497             | 6.7              | 382      | 18             | 1                             |
| 3                        | 5498             | 8.6              | 418      | 16             | 1                             |
| 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             | 1                             |
| 15                       | 5510             | 8.8              | 458      | 16             | 1                             |
| 16                       | 5511             | 8.0              | 232      | 18             | 1                             |
| 17                       | 5512             | 8.3              | 250      | 16             | 1                             |
| 18                       | 5529             | 8.7              | 270      | 16             | 1                             |
| 19                       | 5514             | 7.7              | 350      | 17             | 1                             |
| 20                       | 5515             | 7.1              | 230      | 16             | 1                             |
| 21                       | 5516             | 7.3              | 416      | 18             | 1                             |
| 22                       | 5517             | 7.6              | 498      | 18             | 1                             |
| 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             | 1                             |
| 28                       | 5523             | 7.1              | 420      | 16             | 1                             |
| 29                       | 5524             | 7.2              | 395      | 18             | 1                             |
| 30                       | 5525             | 8.4              | 377      | 16             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100                           |
| 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                    | 1                                     |
| 4                        | 5499                    | 15.0                    | 452             | 13                    | 1                                     |
| 5                        | 5500                    | 16.3                    | 230             | 12                    | 1                                     |
| 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                    | 1                                     |
| 11                       | 5506                    | 19.1                    | 211             | 16                    | 1                                     |
| 12                       | 5507                    | 18.4                    | 283             | 15                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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                           | 100.000                         |
| 2                           | 100.000                         |
| 3                           | 100.000                         |
| 4                           | 100.000                         |
| Aggregate (Radar Types 1-4) | 100                             |
| 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 |
|--------------------------|----------------|-----------------|-----------------|-----------|
| 5510                     | 5491           | 5529            |                 |           |
| Trial                    | Chirp          | Offset          |                 |           |
| 1                        | 11             | 0               | 5510.00         | 1         |
| 2                        | 5              | 0               | 5510.00         | 1         |
| 3                        | 20             | 0               | 5510.00         | 1         |
| 4                        | 13             | 0               | 5510.00         | 1         |
| 5                        | 11             | 0               | 5510.00         | 1         |
| 6                        | 16             | 0               | 5510.00         | 1         |
| 7                        | 11             | 0               | 5510.00         | 1         |
| 8                        | 20             | 0               | 5510.00         | 1         |
| 9                        | 9              | 0               | 5510.00         | 1         |
| 10                       | 15             | 0               | 5510.00         | 1         |
| 11                       | 20             | 11              | 5499.00         | 1         |
| 12                       | 6              | 16.6            | 5493.40         | 1         |
| 13                       | 13             | 13.8            | 5496.20         | 1         |
| 14                       | 10             | 15              | 5495.00         | 1         |
| 15                       | 16             | 12.6            | 5497.40         | 1         |
| 16                       | 11             | 14.6            | 5495.40         | 1         |
| 17                       | 7              | 16.2            | 5493.80         | 1         |
| 18                       | 15             | 13              | 5497.00         | 1         |
| 19                       | 7              | 16.2            | 5493.80         | 1         |
| 20                       | 20             | 11              | 5499.00         | 1         |
| 21                       | 6              | 16.6            | 5526.60         | 1         |
| 22                       | 11             | 14.6            | 5524.60         | 0         |
| 23                       | 16             | 12.6            | 5522.60         | 1         |
| 24                       | 6              | 16.6            | 5526.60         | 1         |
| 25                       | 9              | 15.4            | 5525.40         | 1         |
| 26                       | 10             | 15              | 5525.00         | 1         |
| 27                       | 18             | 11.8            | 5521.80         | 0         |
| 28                       | 19             | 11.4            | 5521.40         | 1         |
| 29                       | 14             | 13.4            | 5523.40         | 1         |
| 30                       | 13             | 13.8            | 5523.80         | 1         |
| Total                    |                |                 |                 | 28        |
| Detection Percentage (%) |                |                 |                 | 93%       |
| Limit                    |                |                 |                 | 80%       |
| Test Result              |                |                 |                 | Complied  |



**Data Sheet for Radar Type 5**

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 1          |        |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 591291                               | 70               | 11                | 2                          | 1208               | 1481       | -          |        |
| 815216                               | 51.8             | 11                | 1                          | 1896               | -          | -          |        |
| 117197                               | 97.9             | 11                | 3                          | 1255               | 1463       | 1169       |        |
| 340497                               | 75.4             | 11                | 2                          | 1776               | 1116       | -          |        |
| 563700                               | 70.6             | 11                | 2                          | 1361               | 1483       | -          |        |
| 786312                               | 85.5             | 11                | 3                          | 1168               | 1155       | 1192       |        |
| 89901                                | 70.6             | 11                | 2                          | 1078               | 1126       | -          |        |
| 312423                               | 97.5             | 11                | 3                          | 1237               | 1833       | 1540       |        |
| 536877                               | 64.5             | 11                | 1                          | 1698               | -          | -          |        |
| 759212                               | 81.4             | 11                | 2                          | 1575               | 1490       | -          |        |
| 62185                                | 99.2             | 11                | 3                          | 1350               | 1982       | 1902       |        |
| 285880                               | 54.7             | 11                | 1                          | 1722               | -          | -          |        |
| 508479                               | 75.7             | 11                | 2                          | 1594               | 1682       | -          |        |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 2          |        |
| Burst of Number                      | 8                | Burst Period(s)   | 1.5                        | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 1190042                              | 68.2             | 5                 | 2                          | 1790               | 1952       | -          |        |
| 56652                                | 84.7             | 5                 | 3                          | 1714               | 1515       | 1061       |        |
| 419783                               | 69.6             | 5                 | 2                          | 1458               | 1500       | -          |        |
| 783608                               | 56.5             | 5                 | 1                          | 1533               | -          | -          |        |
| 1144211                              | 84.2             | 5                 | 3                          | 1322               | 1988       | 1910       |        |
| 11992                                | 56.5             | 5                 | 1                          | 1411               | -          | -          |        |
| 374471                               | 97.5             | 5                 | 3                          | 1353               | 1981       | 1974       |        |
| 738925                               | 54.4             | 5                 | 1                          | 1365               | -          | -          |        |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 3          |            |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 439705                               | 70               | 20                | 2                          | 1001               |         | 1246       | -          |
| 583092                               | 84.7             | 20                | 3                          | 1198               |         | 1120       | 1552       |
| 132117                               | 55.3             | 20                | 1                          | 1264               |         | -          | -          |
| 277048                               | 64.5             | 20                | 1                          | 1871               |         | -          | -          |
| 421122                               | 68.6             | 20                | 2                          | 1381               |         | 1894       | -          |
| 564997                               | 93.7             | 20                | 3                          | 1306               |         | 1111       | 1754       |
| 113465                               | 96.8             | 20                | 3                          | 1996               |         | 1535       | 1742       |
| 258948                               | 78.3             | 20                | 2                          | 1239               |         | 1166       | -          |
| 403936                               | 76.7             | 20                | 2                          | 1221               |         | 1107       | -          |
| 545928                               | 86.2             | 20                | 3                          | 1947               |         | 1800       | 1806       |
| 96115                                | 72.3             | 20                | 2                          | 1504               |         | 1176       | -          |
| 241508                               | 64.6             | 20                | 1                          | 1382               |         | -          | -          |
| 384855                               | 95.4             | 20                | 3                          | 1598               |         | 1117       | 1511       |
| 528969                               | 85.4             | 20                | 3                          | 1631               |         | 1870       | 1152       |
| 78179                                | 73.2             | 20                | 2                          | 1729               |         | 1649       | -          |
| 223000                               | 77.7             | 20                | 2                          | 1815               |         | 1238       | -          |
| 368464                               | 65.7             | 20                | 1                          | 1941               |         | -          | -          |
| 510325                               | 90.2             | 20                | 3                          | 1899               |         | 1935       | 1819       |
| 60248                                | 98.9             | 20                | 3                          | 1194               |         | 1675       | 1570       |
| 205316                               | 79.6             | 20                | 2                          | 1245               |         | 1375       | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 4          |                  |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 501575                               | 51               | 13                | 1                          | 1542               | -          | -                |
| 707132                               | 98.7             | 13                | 3                          | 1613               | 1219       | 1066             |
| 60818                                | 91.5             | 13                | 3                          | 1072               | 1397       | 1549             |
| 267493                               | 87               | 13                | 3                          | 1253               | 1748       | 1762             |
| 475767                               | 66.3             | 13                | 1                          | 1987               | -          | -                |
| 680475                               | 86.6             | 13                | 3                          | 1785               | 1777       | 1797             |
| 35313                                | 95.2             | 13                | 3                          | 1482               | 1137       | 1844             |
| 242662                               | 73.5             | 13                | 2                          | 1059               | 1475       | -                |
| 449288                               | 98               | 13                | 3                          | 1180               | 1480       | 1096             |
| 657034                               | 74.6             | 13                | 2                          | 1324               | 1427       | -                |
| 9842                                 | 92.4             | 13                | 3                          | 1133               | 1753       | 1378             |
| 217141                               | 82               | 13                | 2                          | 1236               | 1259       | -                |
| 422905                               | 87.8             | 13                | 3                          | 1803               | 1842       | 1900             |
| 631115                               | 72.9             | 13                | 2                          | 1559               | 1726       | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 5          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 902081                               | 100              | 11                | 3                          | 1258               |         | 1396       | 1493       |
| 206352                               | 67.1             | 11                | 2                          | 1492               |         | 1179       | -          |
| 429145                               | 92.5             | 11                | 3                          | 1410               |         | 1150       | 1042       |
| 653709                               | 60.9             | 11                | 1                          | 1399               |         | -          | -          |
| 877441                               | 52               | 11                | 1                          | 1193               |         | -          | -          |
| 178469                               | 91.8             | 11                | 3                          | 1686               |         | 1403       | 1569       |
| 402251                               | 73.8             | 11                | 2                          | 1067               |         | 1218       | -          |
| 625039                               | 69.2             | 11                | 2                          | 1841               |         | 1229       | -          |
| 847087                               | 87.9             | 11                | 3                          | 1073               |         | 1416       | 1755       |
| 151064                               | 95.2             | 11                | 3                          | 1197               |         | 1512       | 1756       |
| 374324                               | 76.8             | 11                | 2                          | 1437               |         | 1879       | -          |
| 596338                               | 90.1             | 11                | 3                          | 1352               |         | 1925       | 1666       |
| 820999                               | 80.4             | 11                | 2                          | 1586               |         | 1132       | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 6          |                  |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 94587                                | 82.8             | 16                | 2                          | 1332               | 1689       | -                |
| 265527                               | 61.5             | 16                | 1                          | 1764               | -          | -                |
| 435227                               | 91.9             | 16                | 3                          | 1301               | 1024       | 1167             |
| 605381                               | 90.8             | 16                | 3                          | 1277               | 1091       | 1354             |
| 73476                                | 94               | 16                | 3                          | 1185               | 1805       | 1109             |
| 244588                               | 57.6             | 16                | 1                          | 1487               | -          | -                |
| 414781                               | 67.8             | 16                | 2                          | 1026               | 1554       | -                |
| 586578                               | 53.4             | 16                | 1                          | 1110               | -          | -                |
| 52576                                | 71.4             | 16                | 2                          | 1583               | 1653       | -                |
| 222476                               | 93.3             | 16                | 3                          | 1791               | 1766       | 1296             |
| 393218                               | 68.4             | 16                | 2                          | 1678               | 1890       | -                |
| 562777                               | 98.2             | 16                | 3                          | 1510               | 1605       | 1418             |
| 31603                                | 82               | 16                | 2                          | 1300               | 1523       | -                |
| 201756                               | 98.6             | 16                | 3                          | 1020               | 1070       | 1990             |
| 372162                               | 73.3             | 16                | 2                          | 1999               | 1709       | -                |
| 542921                               | 80.3             | 16                | 2                          | 1205               | 1908       | -                |
| 10620                                | 52               | 16                | 1                          | 1445               | -          | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 7          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 236763                               | 93.9             | 11                | 3                          | 1325               |         | 1401       | 1265       |
| 458923                               | 90.3             | 11                | 3                          | 1962               |         | 1647       | 1876       |
| 683506                               | 76.8             | 11                | 2                          | 1499               |         | 1242       | -          |
| 906848                               | 72.4             | 11                | 2                          | 1595               |         | 1013       | -          |
| 209338                               | 85.5             | 11                | 3                          | 1048               |         | 1368       | 1438       |
| 433316                               | 56               | 11                | 1                          | 1646               |         | -          | -          |
| 654365                               | 85.2             | 11                | 3                          | 1784               |         | 1878       | 1389       |
| 880256                               | 54.8             | 11                | 1                          | 1659               |         | -          | -          |
| 181618                               | 88.1             | 11                | 3                          | 1927               |         | 1928       | 1307       |
| 405781                               | 57.1             | 11                | 1                          | 1664               |         | -          | -          |
| 629680                               | 55.8             | 11                | 1                          | 1039               |         | -          | -          |
| 852332                               | 81.8             | 11                | 2                          | 1050               |         | 1038       | -          |
| 154801                               | 60.7             | 11                | 1                          | 1557               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 8          |                  |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 244340                               | 96.4             | 20                | 3                          | 1226               | 1572       | 2000             |
| 390950                               | 60.1             | 20                | 1                          | 1346               | -          | -                |
| 534907                               | 76.3             | 20                | 2                          | 1441               | 1284       | -                |
| 82690                                | 56.2             | 20                | 1                          | 1273               | -          | -                |
| 227993                               | 62.4             | 20                | 1                          | 1031               | -          | -                |
| 372695                               | 62               | 20                | 1                          | 1940               | -          | -                |
| 517788                               | 56               | 20                | 1                          | 1889               | -          | -                |
| 64471                                | 83.9             | 20                | 3                          | 1106               | 1311       | 1930             |
| 209097                               | 98.4             | 20                | 3                          | 1260               | 1022       | 1606             |
| 354143                               | 74.3             | 20                | 2                          | 1178               | 1917       | -                |
| 499561                               | 70               | 20                | 2                          | 1069               | 1249       | -                |
| 46749                                | 69.5             | 20                | 2                          | 1773               | 1652       | -                |
| 191589                               | 78.6             | 20                | 2                          | 1347               | 1603       | -                |
| 336486                               | 73.9             | 20                | 2                          | 1177               | 1608       | -                |
| 481767                               | 74.1             | 20                | 2                          | 1153               | 1089       | -                |
| 28998                                | 62.7             | 20                | 1                          | 1944               | -          | -                |
| 173769                               | 70.1             | 20                | 2                          | 1224               | 1672       | -                |
| 317895                               | 93.3             | 20                | 3                          | 1217               | 1015       | 1957             |
| 464152                               | 50.5             | 20                | 1                          | 1929               | -          | -                |
| 11067                                | 89               | 20                | 3                          | 1945               | 1615       | 1847             |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail #    | 9          |        |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 283763                               | 85.8             | 9                 | 3                          | 1451               | 1023       | 1821       |        |
| 548478                               | 51.3             | 9                 | 1                          | 1960               | -          | -          |        |
| 809743                               | 86.6             | 9                 | 3                          | 1998               | 1989       | 1778       |        |
| 1077369                              | 63.2             | 9                 | 1                          | 1270               | -          | -          |        |
| 251895                               | 57.9             | 9                 | 1                          | 1730               | -          | -          |        |
| 514624                               | 97.4             | 9                 | 3                          | 1488               | 1953       | 1309       |        |
| 780737                               | 55.4             | 9                 | 1                          | 1002               | -          | -          |        |
| 1044449                              | 56.6             | 9                 | 1                          | 1654               | -          | -          |        |
| 218719                               | 86               | 9                 | 3                          | 1683               | 1425       | 1787       |        |
| 483655                               | 55.9             | 9                 | 1                          | 1417               | -          | -          |        |
| 747738                               | 50.5             | 9                 | 1                          | 1641               | -          | -          |        |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 10         |            |
| Burst of Number                      | 9                | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 695151                               | 61.9             | 15                | 1                          | 1713               |         | -          | -          |
| 128132                               | 71.6             | 15                | 2                          | 1320               |         | 1648       | -          |
| 309769                               | 60.6             | 15                | 1                          | 1862               |         | -          | -          |
| 489296                               | 97               | 15                | 3                          | 1244               |         | 1669       | 1873       |
| 672580                               | 58.2             | 15                | 1                          | 1954               |         | -          | -          |
| 105804                               | 71.9             | 15                | 2                          | 1694               |         | 1351       | -          |
| 286805                               | 75.7             | 15                | 2                          | 1869               |         | 1591       | -          |
| 467329                               | 86.1             | 15                | 3                          | 1161               |         | 1266       | 1887       |
| 650589                               | 61.2             | 15                | 1                          | 1544               |         | -          | -          |
| 83455                                | 74.3             | 15                | 2                          | 1934               |         | 1415       | -          |
| 264701                               | 68.2             | 15                | 2                          | 1422               |         | 1478       | -          |
| 444952                               | 95.5             | 15                | 3                          | 1657               |         | 1214       | 1610       |
| 628454                               | 65.9             | 15                | 1                          | 1276               |         | -          | -          |
| 61315                                | 56.8             | 15                | 1                          | 1335               |         | -          | -          |
| 242712                               | 52.9             | 15                | 1                          | 1881               |         | -          | -          |
| 424295                               | 56.8             | 15                | 1                          | 1634               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 11         |                                         |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 483494                               | 82.2             | 20                | 2                          | 1691               | 1029       | -          |                                         |
| 31130                                | 61.1             | 20                | 1                          | 1623               | -          | -          |                                         |
| 175309                               | 92.1             | 20                | 3                          | 1303               | 1697       | 1836       |                                         |
| 320742                               | 68               | 20                | 2                          | 1362               | 1450       | -          |                                         |
| 466659                               | 63.9             | 20                | 1                          | 1426               | -          | -          |                                         |
| 13250                                | 55.3             | 20                | 1                          | 1823               | -          | -          |                                         |
| 157701                               | 92.9             | 20                | 3                          | 1232               | 1191       | 1763       |                                         |
| 302865                               | 75               | 20                | 2                          | 1571               | 1312       | -          |                                         |
| 446764                               | 95               | 20                | 3                          | 1254               | 1650       | 1207       |                                         |
| 591996                               | 73.6             | 20                | 2                          | 1550               | 1846       | -          |                                         |
| 140621                               | 63               | 20                | 1                          | 1121               | -          | -          |                                         |
| 283899                               | 98.4             | 20                | 3                          | 1343               | 1977       | 1926       |                                         |
| 430680                               | 65.1             | 20                | 1                          | 1725               | -          | -          |                                         |
| 575746                               | 56.5             | 20                | 1                          | 1761               | -          | -          |                                         |
| 122072                               | 99.4             | 20                | 3                          | 1241               | 1118       | 1973       |                                         |
| 266724                               | 98               | 20                | 3                          | 1588               | 1304       | 1028       |                                         |
| 410761                               | 92.5             | 20                | 3                          | 1484               | 1733       | 1473       |                                         |
| 556827                               | 73.8             | 20                | 2                          | 1574               | 1310       | -          |                                         |
| 104794                               | 58               | 20                | 1                          | 1380               | -          | -          |                                         |
| 248823                               | 97.9             | 20                | 3                          | 1443               | 1326       | 1376       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 12         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 878323                               | 68               | 6                 | 2                          | 1562               | 1223       | -          |                                         |
| 1201036                              | 77               | 6                 | 2                          | 1576               | 1195       | -          |                                         |
| 193430                               | 65.9             | 6                 | 1                          | 1019               | -          | -          |                                         |
| 515373                               | 90.9             | 6                 | 3                          | 1728               | 1142       | 1206       |                                         |
| 837168                               | 94.4             | 6                 | 3                          | 1333               | 1997       | 1685       |                                         |
| 1162414                              | 57.1             | 6                 | 1                          | 1479               | -          | -          |                                         |
| 153280                               | 89.3             | 6                 | 3                          | 1447               | 1536       | 1062       |                                         |
| 476708                               | 64.6             | 6                 | 1                          | 1156               | -          | -          |                                         |
| 798519                               | 67.6             | 6                 | 2                          | 1975               | 1319       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 13         |                                         |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 721573                               | 55.9             | 13                | 1                          | 1087               | -          | -          |                                         |
| 72983                                | 70.6             | 13                | 2                          | 1516               | 1373       | -          |                                         |
| 280517                               | 56.4             | 13                | 1                          | 1822               | -          | -          |                                         |
| 488047                               | 54.9             | 13                | 1                          | 1667               | -          | -          |                                         |
| 692783                               | 90.5             | 13                | 3                          | 1636               | 1670       | 1736       |                                         |
| 47463                                | 73.3             | 13                | 2                          | 1462               | 1435       | -          |                                         |
| 253983                               | 95.6             | 13                | 3                          | 1681               | 1897       | 1538       |                                         |
| 460713                               | 94               | 13                | 3                          | 1555               | 1620       | 1780       |                                         |
| 667923                               | 87.9             | 13                | 3                          | 1140               | 1812       | 1329       |                                         |
| 21923                                | 86.7             | 13                | 3                          | 1095               | 1456       | 1097       |                                         |
| 229477                               | 56.6             | 13                | 1                          | 1581               | -          | -          |                                         |
| 436459                               | 78.8             | 13                | 2                          | 1308               | 1289       | -          |                                         |
| 642305                               | 85.7             | 13                | 3                          | 1299               | 1852       | 1315       |                                         |
| 852309                               | 51.9             | 13                | 1                          | 1250               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 14         |                                         |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 237287                               | 84.6             | 10                | 3                          | 1314               | 1508       | 1611       |                                         |
| 480167                               | 58.8             | 10                | 1                          | 1472               | -          | -          |                                         |
| 721239                               | 77.4             | 10                | 2                          | 1092               | 1904       | -          |                                         |
| 963224                               | 71               | 10                | 2                          | 1139               | 1671       | -          |                                         |
| 208121                               | 54.6             | 10                | 1                          | 1673               | -          | -          |                                         |
| 449554                               | 74.9             | 10                | 2                          | 1469               | 1738       | -          |                                         |
| 691801                               | 70.3             | 10                | 2                          | 1233               | 1263       | -          |                                         |
| 934484                               | 52.9             | 10                | 1                          | 1687               | -          | -          |                                         |
| 177771                               | 92.1             | 10                | 3                          | 1433               | 1826       | 1355       |                                         |
| 419126                               | 98.9             | 10                | 3                          | 1915               | 1407       | 1428       |                                         |
| 662911                               | 55.1             | 10                | 1                          | 1125               | -          | -          |                                         |
| 902272                               | 88.9             | 10                | 3                          | 1635               | 1045       | 1643       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 15         |                                                   |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 104782                               | 55.1             | 16                | 1                          | 1331               | -          | -                                                 |
| 274485                               | 95.2             | 16                | 3                          | 1288               | 1262       | 1779                                              |
| 446644                               | 51.1             | 16                | 1                          | 1157               | -          | -                                                 |
| 615134                               | 73.6             | 16                | 2                          | 1965               | 1963       | -                                                 |
| 83697                                | 56.7             | 16                | 1                          | 1637               | -          | -                                                 |
| 254526                               | 66               | 16                | 1                          | 1563               | -          | -                                                 |
| 424104                               | 78.2             | 16                | 2                          | 1872               | 1746       | -                                                 |
| 596368                               | 57.3             | 16                | 1                          | 1323               | -          | -                                                 |
| 62396                                | 89.1             | 16                | 3                          | 1882               | 1328       | 1370                                              |
| 233528                               | 53               | 16                | 1                          | 1432               | -          | -                                                 |
| 404155                               | 56.6             | 16                | 1                          | 1824               | -          | -                                                 |
| 572746                               | 93.4             | 16                | 3                          | 1699               | 1269       | 1507                                              |
| 41534                                | 74.7             | 16                | 2                          | 1498               | 1593       | -                                                 |
| 211866                               | 83.3             | 16                | 2                          | 1585               | 1892       | -                                                 |
| 383319                               | 53.8             | 16                | 1                          | 1460               | -          | -                                                 |
| 553954                               | 53.9             | 16                | 1                          | 1727               | -          | -                                                 |
| 20589                                | 54.5             | 16                | 1                          | 1356               | -          | -                                                 |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 16         |                                         |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 249549                               | 87.2             | 11                | 3                          | 1529               | 1868       | 1392       |                                         |
| 473814                               | 51.3             | 11                | 1                          | 1772               | -          | -          |                                         |
| 696747                               | 69.1             | 11                | 2                          | 1145               | 1305       | -          |                                         |
| 919852                               | 82.3             | 11                | 2                          | 1614               | 1012       | -          |                                         |
| 222458                               | 75               | 11                | 2                          | 1477               | 1898       | -          |                                         |
| 445510                               | 81.4             | 11                | 2                          | 1625               | 1760       | -          |                                         |
| 669234                               | 82               | 11                | 2                          | 1290               | 1173       | -          |                                         |
| 891674                               | 66.9             | 11                | 2                          | 1526               | 1801       | -          |                                         |
| 194770                               | 86.2             | 11                | 3                          | 1172               | 1980       | 1227       |                                         |
| 417571                               | 84.6             | 11                | 3                          | 1932               | 1394       | 1079       |                                         |
| 640275                               | 89.8             | 11                | 3                          | 1601               | 1071       | 1880       |                                         |
| 862582                               | 97.4             | 11                | 3                          | 1985               | 1745       | 1316       |                                         |
| 167886                               | 52.9             | 11                | 1                          | 1294               | -          | -          |                                         |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 17         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 564844                               | 78.5             | 7                 | 2                          | 1406               | 1829       | -          |                                         |
| 888379                               | 57.6             | 7                 | 1                          | 1820               | -          | -          |                                         |
| 1208797                              | 99.8             | 7                 | 3                          | 1248               | 1692       | 1645       |                                         |
| 202812                               | 51.5             | 7                 | 1                          | 1298               | -          | -          |                                         |
| 525477                               | 68.1             | 7                 | 2                          | 1088               | 1213       | -          |                                         |
| 848768                               | 50.3             | 7                 | 1                          | 1558               | -          | -          |                                         |
| 1169382                              | 92.8             | 7                 | 3                          | 1580               | 1573       | 1114       |                                         |
| 162951                               | 64.2             | 7                 | 1                          | 1854               | -          | -          |                                         |
| 485678                               | 79.9             | 7                 | 2                          | 1011               | 1387       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 18         |                                         |
| Burst of Number                      | 16               | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 452762                               | 90.6             | 15                | 3                          | 1885               | 1390       | 1371       |                                         |
| 636546                               | 50.5             | 15                | 1                          | 1103               | -          | -          |                                         |
| 69136                                | 78.3             | 15                | 2                          | 1485               | 1175       | -          |                                         |
| 250688                               | 62.9             | 15                | 1                          | 1768               | -          | -          |                                         |
| 431876                               | 81.6             | 15                | 2                          | 1211               | 1044       | -          |                                         |
| 613696                               | 52.2             | 15                | 1                          | 1684               | -          | -          |                                         |
| 46710                                | 84               | 15                | 3                          | 1704               | 1338       | 1209       |                                         |
| 227355                               | 96.3             | 15                | 3                          | 1920               | 1674       | 1384       |                                         |
| 409287                               | 71.3             | 15                | 2                          | 1292               | 1421       | -          |                                         |
| 590397                               | 71.1             | 15                | 2                          | 1818               | 1060       | -          |                                         |
| 24536                                | 66.3             | 15                | 1                          | 1055               | -          | -          |                                         |
| 205244                               | 98.5             | 15                | 3                          | 1712               | 1448       | 1291       |                                         |
| 387827                               | 54.9             | 15                | 1                          | 1043               | -          | -          |                                         |
| 566988                               | 97.5             | 15                | 3                          | 1749               | 1158       | 1404       |                                         |
| 2150                                 | 86.1             | 15                | 3                          | 1607               | 1867       | 1436       |                                         |
| 183641                               | 56.5             | 15                | 1                          | 1721               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 19         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 649004                               | 80.2             | 7                 | 2                          | 1476               | 1792       | -          |                                         |
| 972632                               | 63.8             | 7                 | 1                          | 1837               | -          | -          |                                         |
| 1294265                              | 69.1             | 7                 | 2                          | 1455               | 1715       | -          |                                         |
| 287125                               | 56.7             | 7                 | 1                          | 1234               | -          | -          |                                         |
| 609502                               | 70.5             | 7                 | 2                          | 1127               | 1633       | -          |                                         |
| 931751                               | 81.5             | 7                 | 2                          | 1629               | 1783       | -          |                                         |
| 1253215                              | 88.5             | 7                 | 3                          | 1147               | 1810       | 1604       |                                         |
| 247305                               | 60               | 7                 | 1                          | 1363               | -          | -          |                                         |
| 568977                               | 86.1             | 7                 | 3                          | 1212               | 1662       | 1696       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 20         |                                                   |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 400523                               | 74.5             | 20                | 2                          | 1775               | 1082       | -                                                 |
| 544232                               | 99.1             | 20                | 3                          | 1564               | 1074       | 1442                                              |
| 92772                                | 93.7             | 20                | 3                          | 1995               | 1235       | 1293                                              |
| 238062                               | 73.1             | 20                | 2                          | 1006               | 1337       | -                                                 |
| 383830                               | 65.2             | 20                | 1                          | 1068               | -          | -                                                 |
| 529131                               | 53.4             | 20                | 1                          | 1021               | -          | -                                                 |
| 75357                                | 61.2             | 20                | 1                          | 1553               | -          | -                                                 |
| 219129                               | 90.3             | 20                | 3                          | 1807               | 1912       | 1551                                              |
| 365634                               | 57.2             | 20                | 1                          | 1565               | -          | -                                                 |
| 510479                               | 60.8             | 20                | 1                          | 1909               | -          | -                                                 |
| 57360                                | 68.5             | 20                | 2                          | 1626               | 1163       | -                                                 |
| 202693                               | 54               | 20                | 1                          | 1340               | -          | -                                                 |
| 347847                               | 62.1             | 20                | 1                          | 1408               | -          | -                                                 |
| 490344                               | 99.8             | 20                | 3                          | 1556               | 1877       | 1230                                              |
| 39483                                | 79.7             | 20                | 2                          | 1701               | 1622       | -                                                 |
| 184461                               | 82.9             | 20                | 2                          | 1302               | 1164       | -                                                 |
| 328025                               | 89.9             | 20                | 3                          | 1520               | 1638       | 1769                                              |
| 475199                               | 63.2             | 20                | 1                          | 1336               | -          | -                                                 |
| 21678                                | 68.6             | 20                | 2                          | 1502               | 1256       | -                                                 |
| 166512                               | 81               | 20                | 2                          | 1398               | 1420       | -                                                 |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 21         |                                      |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 694608                               | 54.5             | 6                 | 1                          | 1034               | -          | -          |                                      |
| 1016456                              | 73.6             | 6                 | 2                          | 1590               | 1115       | -          |                                      |
| 8551                                 | 60.1             | 6                 | 1                          | 1933               | -          | -          |                                      |
| 331564                               | 63.7             | 6                 | 1                          | 1505               | -          | -          |                                      |
| 653496                               | 95.1             | 6                 | 3                          | 1405               | 1075       | 1220       |                                      |
| 975332                               | 88               | 6                 | 3                          | 1628               | 1744       | 1202       |                                      |
| 1297079                              | 86.6             | 6                 | 3                          | 1271               | 1914       | 1921       |                                      |
| 291425                               | 73.6             | 6                 | 2                          | 1188               | 1924       | -          |                                      |
| 614597                               | 57.5             | 6                 | 1                          | 1916               | -          | -          |                                      |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 22         |                                      |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 648947                               | 59.4             | 11                | 1                          | 1464               | -          | -          |                                      |
| 872834                               | 59.1             | 11                | 1                          | 1077               | -          | -          |                                      |
| 174442                               | 62               | 11                | 1                          | 1104               | -          | -          |                                      |
| 397033                               | 68.2             | 11                | 2                          | 1747               | 1711       | -          |                                      |
| 619847                               | 76.8             | 11                | 2                          | 1972               | 1816       | -          |                                      |
| 844713                               | 57               | 11                | 1                          | 1706               | -          | -          |                                      |
| 146857                               | 53.2             | 11                | 1                          | 1367               | -          | -          |                                      |
| 369203                               | 90.4             | 11                | 3                          | 1731               | 1446       | 1170       |                                      |
| 592949                               | 73.2             | 11                | 2                          | 1201               | 1710       | -          |                                      |
| 817479                               | 56.1             | 11                | 1                          | 1377               | -          | -          |                                      |
| 119201                               | 67.7             | 11                | 2                          | 1130               | 1171       | -          |                                      |
| 342999                               | 55.1             | 11                | 1                          | 1007               | -          | -          |                                      |
| 566579                               | 58.1             | 11                | 1                          | 1090               | -          | -          |                                      |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 23         |                                                |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 601322                               | 97.7             | 16                | 3                          | 1345               | 1186       | 1735                                           |
| 69798                                | 86.6             | 16                | 3                          | 1578               | 1884       | 1521                                           |
| 240236                               | 67.6             | 16                | 2                          | 1861               | 1813       | -                                              |
| 411573                               | 52.4             | 16                | 1                          | 1913               | -          | -                                              |
| 581299                               | 68               | 16                | 2                          | 1719               | 1414       | -                                              |
| 49079                                | 64               | 16                | 1                          | 1828               | -          | -                                              |
| 218917                               | 89.4             | 16                | 3                          | 1765               | 1548       | 1453                                           |
| 389991                               | 73.8             | 16                | 2                          | 1690               | 1216       | -                                              |
| 560724                               | 80.6             | 16                | 2                          | 1327               | 1280       | -                                              |
| 27969                                | 68.2             | 16                | 2                          | 1893               | 1857       | -                                              |
| 198477                               | 69.9             | 16                | 2                          | 1474               | 1501       | -                                              |
| 368635                               | 79               | 16                | 2                          | 1619               | 1964       | -                                              |
| 539754                               | 81.5             | 16                | 2                          | 1395               | 1160       | -                                              |
| 7017                                 | 50.9             | 16                | 1                          | 1366               | -          | -                                              |
| 177018                               | 88.9             | 16                | 3                          | 1080               | 1978       | 1740                                           |
| 347849                               | 80               | 16                | 2                          | 1339               | 1850       | -                                              |
| 518155                               | 78.1             | 16                | 2                          | 1503               | 1848       | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                    |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 24         |                                    |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H - (0.4 * \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                    |
| 1303061                              | 77.3             | 6                 | 2                          | 1858               | 1937       | -          |                                    |
| 296120                               | 66.9             | 6                 | 2                          | 1452               | 1703       | -          |                                    |
| 618053                               | 87.6             | 6                 | 3                          | 1461               | 1679       | 1471       |                                    |
| 941705                               | 82.8             | 6                 | 2                          | 1058               | 1582       | -          |                                    |
| 1262467                              | 97.9             | 6                 | 3                          | 1561               | 1786       | 1369       |                                    |
| 256754                               | 51.6             | 6                 | 1                          | 1225               | -          | -          |                                    |
| 579778                               | 56.4             | 6                 | 1                          | 1349               | -          | -          |                                    |
| 900681                               | 85.8             | 6                 | 3                          | 1708               | 1025       | 1781       |                                    |
| 1223080                              | 85.3             | 6                 | 3                          | 1357               | 1971       | 1057       |                                    |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 25         |                                      |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 177128                               | 92.7             | 9                 | 3                          | 1040               | 1064       | 1252       |                                      |
| 441120                               | 76.5             | 9                 | 2                          | 1567               | 1231       | -          |                                      |
| 703834                               | 92.6             | 9                 | 3                          | 1739               | 1434       | 1457       |                                      |
| 968288                               | 66.7             | 9                 | 2                          | 1774               | 1737       | -          |                                      |
| 144880                               | 57.1             | 9                 | 1                          | 1532               | -          | -          |                                      |
| 408948                               | 50.9             | 9                 | 1                          | 1907               | -          | -          |                                      |
| 672738                               | 75.9             | 9                 | 2                          | 1054               | 1383       | -          |                                      |
| 935219                               | 96.5             | 9                 | 3                          | 1802               | 1341       | 1046       |                                      |
| 112148                               | 75.9             | 9                 | 2                          | 1951               | 1400       | -          |                                      |
| 376130                               | 73.5             | 9                 | 2                          | 1053               | 1677       | -          |                                      |
| 638910                               | 96.2             | 9                 | 3                          | 1531               | 1865       | 1268       |                                      |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 26         |                                      |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 826712                               | 92.6             | 10                | 3                          | 1834               | 1000       | 1983       |                                      |
| 72998                                | 69.9             | 10                | 2                          | 1849               | 1518       | -          |                                      |
| 314688                               | 72.5             | 10                | 2                          | 1489               | 1958       | -          |                                      |
| 555527                               | 84.2             | 10                | 3                          | 1831               | 1182       | 1967       |                                      |
| 797115                               | 83.8             | 10                | 3                          | 1843               | 1348       | 1459       |                                      |
| 43224                                | 78.8             | 10                | 2                          | 1412               | 1979       | -          |                                      |
| 284734                               | 91               | 10                | 3                          | 1295               | 1086       | 1705       |                                      |
| 526386                               | 92.2             | 10                | 3                          | 1003               | 1723       | 1148       |                                      |
| 767431                               | 89.3             | 10                | 3                          | 1660               | 1724       | 1200       |                                      |
| 13435                                | 95.4             | 10                | 3                          | 1439               | 1190       | 1942       |                                      |
| 255680                               | 56.1             | 10                | 1                          | 1358               | -          | -          |                                      |
| 497683                               | 64.3             | 10                | 1                          | 1759               | -          | -          |                                      |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 27         |                                                |
| Burst of Number                      | 19               | Burst Period(s)   | 0.6315789                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 466662                               | 60.4             | 18                | 1                          | 1883               | -          | -                                              |
| 616742                               | 95.2             | 18                | 3                          | 1991               | 1243       | 1334                                           |
| 142355                               | 78.8             | 18                | 2                          | 1016               | 1100       | -                                              |
| 295519                               | 50.7             | 18                | 1                          | 1051               | -          | -                                              |
| 446771                               | 67.6             | 18                | 2                          | 1527               | 1874       | -                                              |
| 599225                               | 75.4             | 18                | 2                          | 1809               | 1486       | -                                              |
| 123039                               | 99.9             | 18                | 3                          | 1010               | 1970       | 1741                                           |
| 275129                               | 85               | 18                | 3                          | 1330               | 1318       | 1943                                           |
| 428981                               | 61.1             | 18                | 1                          | 1968               | -          | -                                              |
| 580996                               | 66.7             | 18                | 2                          | 1644               | 1065       | -                                              |
| 104670                               | 82.7             | 18                | 2                          | 1313               | 1261       | -                                              |
| 257432                               | 71.4             | 18                | 2                          | 1027               | 1037       | -                                              |
| 410696                               | 62.9             | 18                | 1                          | 1162               | -          | -                                              |
| 561441                               | 81.3             | 18                | 2                          | 1939               | 1630       | -                                              |
| 86077                                | 63.9             | 18                | 1                          | 1122               | -          | -                                              |
| 239011                               | 61.1             | 18                | 1                          | 1047               | -          | -                                              |
| 390966                               | 68.9             | 18                | 2                          | 1204               | 1402       | -                                              |
| 544078                               | 53.1             | 18                | 1                          | 1950               | -          | -                                              |
| 66876                                | 85.1             | 18                | 3                          | 1468               | 1129       | 1959                                           |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 28         |                                                |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 208292                               | 75.1             | 19                | 2                          | 1577               | 1919       | -                                              |
| 354271                               | 65.3             | 19                | 1                          | 1286               | -          | -                                              |
| 495997                               | 83.9             | 19                | 3                          | 1955               | 1534       | 1969                                           |
| 45716                                | 85.5             | 19                | 3                          | 1624               | 1587       | 1386                                           |
| 191235                               | 57.3             | 19                | 1                          | 1105               | -          | -                                              |
| 334080                               | 94.4             | 19                | 3                          | 1901               | 1992       | 1495                                           |
| 481017                               | 53.3             | 19                | 1                          | 2000               | -          | -                                              |
| 27921                                | 99               | 19                | 3                          | 1379               | 1789       | 1592                                           |
| 172578                               | 69.1             | 19                | 2                          | 1922               | 1830       | -                                              |
| 318204                               | 60.7             | 19                | 1                          | 1839               | -          | -                                              |
| 463599                               | 64.3             | 19                | 1                          | 1423               | -          | -                                              |
| 10138                                | 96.6             | 19                | 3                          | 1680               | 1440       | 1702                                           |
| 154700                               | 90               | 19                | 3                          | 1798               | 1009       | 1196                                           |
| 298982                               | 86.6             | 19                | 3                          | 1413               | 1524       | 1596                                           |
| 445818                               | 62.1             | 19                | 1                          | 1287               | -          | -                                              |
| 589319                               | 82.1             | 19                | 2                          | 1159               | 1856       | -                                              |
| 137185                               | 71.5             | 19                | 2                          | 1621               | 1119       | -                                              |
| 281563                               | 78.3             | 19                | 2                          | 1888               | 1860       | -                                              |
| 427881                               | 50.1             | 19                | 1                          | 1359               | -          | -                                              |
| 572624                               | 58.3             | 19                | 1                          | 1825               | -          | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 29         |                                         |
| Burst of Number                      | 15               | Burst Period(s)   | 0.8                        | Waveform Length(s) | 12         | Frequency  | $F_H - (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 159228                               | 71               | 14                | 2                          | 1700               | 1429       | -          |                                         |
| 352518                               | 76               | 14                | 2                          | 1895               | 1181       | -          |                                         |
| 544323                               | 88.6             | 14                | 3                          | 1364               | 1961       | 1903       |                                         |
| 737838                               | 85               | 14                | 3                          | 1757               | 1281       | 1372       |                                         |
| 135567                               | 75.8             | 14                | 2                          | 1099               | 1174       | -          |                                         |
| 328212                               | 87.2             | 14                | 3                          | 1285               | 1014       | 1984       |                                         |
| 522698                               | 51.1             | 14                | 1                          | 1994               | -          | -          |                                         |
| 715290                               | 71.3             | 14                | 2                          | 1525               | 1528       | -          |                                         |
| 111884                               | 52.4             | 14                | 1                          | 1210               | -          | -          |                                         |
| 305327                               | 64.8             | 14                | 1                          | 1966               | -          | -          |                                         |
| 497761                               | 79.9             | 14                | 2                          | 1938               | 1811       | -          |                                         |
| 691696                               | 73.2             | 14                | 2                          | 1661               | 1143       | -          |                                         |
| 87610                                | 86.1             | 14                | 3                          | 1993               | 1282       | 1665       |                                         |
| 281813                               | 60.2             | 14                | 1                          | 1041               | -          | -          |                                         |
| 474637                               | 81.1             | 14                | 2                          | 1617               | 1017       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 30         |                                                   |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency $F_H + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 713761                               | 99.1             | 13                | 3                          | 1466               | 1853       | 1864                                              |
| 68606                                | 76.6             | 13                | 2                          | 1948               | 1018       | -                                                 |
| 276396                               | 59.6             | 13                | 1                          | 1030               | -          | -                                                 |
| 482744                               | 71.4             | 13                | 2                          | 1513               | 1793       | -                                                 |
| 691089                               | 56.4             | 13                | 1                          | 1743               | -          | -                                                 |
| 43150                                | 64.2             | 13                | 1                          | 1752               | -          | -                                                 |
| 250293                               | 76.4             | 13                | 2                          | 1251               | 1579       | -                                                 |
| 457068                               | 80.8             | 13                | 2                          | 1838               | 1782       | -                                                 |
| 665070                               | 74.2             | 13                | 2                          | 1093               | 1247       | -                                                 |
| 17534                                | 96.8             | 13                | 3                          | 1855               | 1771       | 1135                                              |
| 224742                               | 70.1             | 13                | 2                          | 1658               | 1283       | -                                                 |
| 430908                               | 92.7             | 13                | 3                          | 1618               | 1514       | 1795                                              |
| 638128                               | 84.8             | 13                | 3                          | 1430               | 1279       | 1509                                              |
| 847663                               | 50.7             | 13                | 1                          | 1519               | -          | -                                                 |

**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             | 1                                     |
| 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             | 1                                     |
| 21                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 22                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 23                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 24                       | 5510                    | 9                   | 1                       | 333             | 1                                     |
| 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 (%) |                         |                     |                         |                 | 100                                   |
| 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             | 1                                     |
| 15                       | 5530                    | 10                                           | 1432.7                                                       | 698             | 1                                     |
| 16                       | 5531                    | -                                            | 1692.0                                                       | 591             | 1                                     |
| 17                       | 5532                    | -                                            | 328.1                                                        | 3048            | 1                                     |
| 18                       | 5533                    | -                                            | 373.4                                                        | 2678            | 1                                     |
| 19                       | 5534                    | -                                            | 574.4                                                        | 1741            | 1                                     |
| 20                       | 5535                    | -                                            | 1216.5                                                       | 822             | 1                                     |
| 21                       | 5536                    | -                                            | 801.3                                                        | 1248            | 1                                     |
| 22                       | 5537                    | -                                            | 488.5                                                        | 2047            | 1                                     |
| 23                       | 5538                    | -                                            | 956.0                                                        | 1046            | 1                                     |
| 24                       | 5539                    | -                                            | 517.6                                                        | 1932            | 1                                     |
| 25                       | 5540                    | -                                            | 1422.5                                                       | 703             | 1                                     |
| 26                       | 5541                    | -                                            | 542.0                                                        | 1845            | 1                                     |
| 27                       | 5542                    | -                                            | 741.3                                                        | 1349            | 1                                     |
| 28                       | 5543                    | -                                            | 881.8                                                        | 1134            | 1                                     |
| 29                       | 5544                    | -                                            | 427.4                                                        | 2340            | 1                                     |
| 30                       | 5545                    | -                                            | 628.9                                                        | 1590            | 1                                     |
| Detection Percentage (%) |                         |                                              |                                                              |                 | 100                                   |
| Limit                    |                         |                                              |                                                              |                 | 60%                                   |
| <b>Test Result</b>       |                         |                                              |                                                              |                 | <b>Complied</b>                       |

**Type 2 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                    | 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                    | 1                                     |
| 5                        | 5520                    | 2.4                     | 162             | 25                    | 1                                     |
| 6                        | 5521                    | 3.4                     | 204             | 28                    | 1                                     |
| 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                    | 1                                     |
| 17                       | 5532                    | 2.3                     | 193             | 28                    | 1                                     |
| 18                       | 5533                    | 3.9                     | 173             | 29                    | 1                                     |
| 19                       | 5534                    | 4.3                     | 188             | 23                    | 1                                     |
| 20                       | 5535                    | 1.5                     | 215             | 26                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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                    | 1                                     |
| 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                    | 1                                     |
| 16                       | 5531                    | 8.0                     | 232             | 18                    | 1                                     |
| 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                    | 1                                     |
| 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                    | 1                                     |
| 29                       | 5544                    | 7.2                     | 395             | 18                    | 1                                     |
| 30                       | 5545                    | 8.4                     | 377             | 16                    | 1                                     |
| Detection Percentage (%) |                         |                         |                 |                       | 100                                   |
| 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                    | 1                                     |
| 9                        | 5524                    | 14.2                    | 495             | 12                    | 1                                     |
| 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                    | 1                                     |
| 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                    | 1                                     |
| 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 (%) |                         |                         |                 |                       | 100                                   |
| 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                           | 100.000                         |
| 2                           | 100.000                         |
| 3                           | 100.000                         |
| 4                           | 100.000                         |
| Aggregate (Radar Types 1-4) | 100                             |
| 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       |
|--------------------------|----------------|-----------------|-----------------|-----------------|
| 5530                     | 5492           | 5568.5          |                 |                 |
| Trial                    | Chirp          | Offset          |                 |                 |
| 1                        | 11             | 0               | 5530.00         | 1               |
| 2                        | 5              | 0               | 5530.00         | 1               |
| 3                        | 20             | 0               | 5530.00         | 1               |
| 4                        | 13             | 0               | 5530.00         | 1               |
| 5                        | 11             | 0               | 5530.00         | 1               |
| 6                        | 16             | 0               | 5530.00         | 1               |
| 7                        | 11             | 0               | 5530.00         | 0               |
| 8                        | 20             | 0               | 5530.00         | 1               |
| 9                        | 9              | 0               | 5530.00         | 1               |
| 10                       | 15             | 0               | 5530.00         | 1               |
| 11                       | 20             | 30.00           | 5500.00         | 0               |
| 12                       | 6              | 35.60           | 5494.40         | 1               |
| 13                       | 13             | 32.80           | 5497.20         | 1               |
| 14                       | 10             | 34.00           | 5496.00         | 1               |
| 15                       | 16             | 31.60           | 5498.40         | 1               |
| 16                       | 11             | 33.60           | 5496.40         | 1               |
| 17                       | 7              | 35.20           | 5494.80         | 1               |
| 18                       | 15             | 32.00           | 5498.00         | 0               |
| 19                       | 7              | 35.20           | 5494.80         | 1               |
| 20                       | 20             | 30.00           | 5500.00         | 1               |
| 21                       | 6              | 36.10           | 5566.10         | 1               |
| 22                       | 11             | 34.10           | 5564.10         | 1               |
| 23                       | 16             | 32.10           | 5562.10         | 0               |
| 24                       | 6              | 36.10           | 5566.10         | 1               |
| 25                       | 9              | 34.90           | 5564.90         | 1               |
| 26                       | 10             | 34.50           | 5564.50         | 1               |
| 27                       | 18             | 31.30           | 5561.30         | 0               |
| 28                       | 19             | 30.90           | 5560.90         | 1               |
| 29                       | 14             | 32.90           | 5562.90         | 1               |
| 30                       | 13             | 33.30           | 5563.30         | 1               |
| Total                    |                |                 |                 | 25              |
| Detection Percentage (%) |                |                 |                 | 83%             |
| Limit                    |                |                 |                 | 80%             |
| <b>Test Result</b>       |                |                 |                 | <b>Complied</b> |



**Data Sheet for Radar Type 5**

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 1          |        |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 591291                               | 70               | 11                | 2                          | 1208               | 1481       | -          |        |
| 815216                               | 51.8             | 11                | 1                          | 1896               | -          | -          |        |
| 117197                               | 97.9             | 11                | 3                          | 1255               | 1463       | 1169       |        |
| 340497                               | 75.4             | 11                | 2                          | 1776               | 1116       | -          |        |
| 563700                               | 70.6             | 11                | 2                          | 1361               | 1483       | -          |        |
| 786312                               | 85.5             | 11                | 3                          | 1168               | 1155       | 1192       |        |
| 89901                                | 70.6             | 11                | 2                          | 1078               | 1126       | -          |        |
| 312423                               | 97.5             | 11                | 3                          | 1237               | 1833       | 1540       |        |
| 536877                               | 64.5             | 11                | 1                          | 1698               | -          | -          |        |
| 759212                               | 81.4             | 11                | 2                          | 1575               | 1490       | -          |        |
| 62185                                | 99.2             | 11                | 3                          | 1350               | 1982       | 1902       |        |
| 285880                               | 54.7             | 11                | 1                          | 1722               | -          | -          |        |
| 508479                               | 75.7             | 11                | 2                          | 1594               | 1682       | -          |        |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |        |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 2          |        |
| Burst of Number                      | 8                | Burst Period(s)   | 1.5                        | Waveform Length(s) | 12         | Frequency  | Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |        |
| 1190042                              | 68.2             | 5                 | 2                          | 1790               | 1952       | -          |        |
| 56652                                | 84.7             | 5                 | 3                          | 1714               | 1515       | 1061       |        |
| 419783                               | 69.6             | 5                 | 2                          | 1458               | 1500       | -          |        |
| 783608                               | 56.5             | 5                 | 1                          | 1533               | -          | -          |        |
| 1144211                              | 84.2             | 5                 | 3                          | 1322               | 1988       | 1910       |        |
| 11992                                | 56.5             | 5                 | 1                          | 1411               | -          | -          |        |
| 374471                               | 97.5             | 5                 | 3                          | 1353               | 1981       | 1974       |        |
| 738925                               | 54.4             | 5                 | 1                          | 1365               | -          | -          |        |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 3          |                  |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 439705                               | 70               | 20                | 2                          | 1001               | 1246       | -                |
| 583092                               | 84.7             | 20                | 3                          | 1198               | 1120       | 1552             |
| 132117                               | 55.3             | 20                | 1                          | 1264               | -          | -                |
| 277048                               | 64.5             | 20                | 1                          | 1871               | -          | -                |
| 421122                               | 68.6             | 20                | 2                          | 1381               | 1894       | -                |
| 564997                               | 93.7             | 20                | 3                          | 1306               | 1111       | 1754             |
| 113465                               | 96.8             | 20                | 3                          | 1996               | 1535       | 1742             |
| 258948                               | 78.3             | 20                | 2                          | 1239               | 1166       | -                |
| 403936                               | 76.7             | 20                | 2                          | 1221               | 1107       | -                |
| 545928                               | 86.2             | 20                | 3                          | 1947               | 1800       | 1806             |
| 96115                                | 72.3             | 20                | 2                          | 1504               | 1176       | -                |
| 241508                               | 64.6             | 20                | 1                          | 1382               | -          | -                |
| 384855                               | 95.4             | 20                | 3                          | 1598               | 1117       | 1511             |
| 528969                               | 85.4             | 20                | 3                          | 1631               | 1870       | 1152             |
| 78179                                | 73.2             | 20                | 2                          | 1729               | 1649       | -                |
| 223000                               | 77.7             | 20                | 2                          | 1815               | 1238       | -                |
| 368464                               | 65.7             | 20                | 1                          | 1941               | -          | -                |
| 510325                               | 90.2             | 20                | 3                          | 1899               | 1935       | 1819             |
| 60248                                | 98.9             | 20                | 3                          | 1194               | 1675       | 1570             |
| 205316                               | 79.6             | 20                | 2                          | 1245               | 1375       | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 4          |                  |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 501575                               | 51               | 13                | 1                          | 1542               | -          | -                |
| 707132                               | 98.7             | 13                | 3                          | 1613               | 1219       | 1066             |
| 60818                                | 91.5             | 13                | 3                          | 1072               | 1397       | 1549             |
| 267493                               | 87               | 13                | 3                          | 1253               | 1748       | 1762             |
| 475767                               | 66.3             | 13                | 1                          | 1987               | -          | -                |
| 680475                               | 86.6             | 13                | 3                          | 1785               | 1777       | 1797             |
| 35313                                | 95.2             | 13                | 3                          | 1482               | 1137       | 1844             |
| 242662                               | 73.5             | 13                | 2                          | 1059               | 1475       | -                |
| 449288                               | 98               | 13                | 3                          | 1180               | 1480       | 1096             |
| 657034                               | 74.6             | 13                | 2                          | 1324               | 1427       | -                |
| 9842                                 | 92.4             | 13                | 3                          | 1133               | 1753       | 1378             |
| 217141                               | 82               | 13                | 2                          | 1236               | 1259       | -                |
| 422905                               | 87.8             | 13                | 3                          | 1803               | 1842       | 1900             |
| 631115                               | 72.9             | 13                | 2                          | 1559               | 1726       | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 5          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 902081                               | 100              | 11                | 3                          | 1258               |         | 1396       | 1493       |
| 206352                               | 67.1             | 11                | 2                          | 1492               |         | 1179       | -          |
| 429145                               | 92.5             | 11                | 3                          | 1410               |         | 1150       | 1042       |
| 653709                               | 60.9             | 11                | 1                          | 1399               |         | -          | -          |
| 877441                               | 52               | 11                | 1                          | 1193               |         | -          | -          |
| 178469                               | 91.8             | 11                | 3                          | 1686               |         | 1403       | 1569       |
| 402251                               | 73.8             | 11                | 2                          | 1067               |         | 1218       | -          |
| 625039                               | 69.2             | 11                | 2                          | 1841               |         | 1229       | -          |
| 847087                               | 87.9             | 11                | 3                          | 1073               |         | 1416       | 1755       |
| 151064                               | 95.2             | 11                | 3                          | 1197               |         | 1512       | 1756       |
| 374324                               | 76.8             | 11                | 2                          | 1437               |         | 1879       | -          |
| 596338                               | 90.1             | 11                | 3                          | 1352               |         | 1925       | 1666       |
| 820999                               | 80.4             | 11                | 2                          | 1586               |         | 1132       | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 6          |                  |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 94587                                | 82.8             | 16                | 2                          | 1332               | 1689       | -                |
| 265527                               | 61.5             | 16                | 1                          | 1764               | -          | -                |
| 435227                               | 91.9             | 16                | 3                          | 1301               | 1024       | 1167             |
| 605381                               | 90.8             | 16                | 3                          | 1277               | 1091       | 1354             |
| 73476                                | 94               | 16                | 3                          | 1185               | 1805       | 1109             |
| 244588                               | 57.6             | 16                | 1                          | 1487               | -          | -                |
| 414781                               | 67.8             | 16                | 2                          | 1026               | 1554       | -                |
| 586578                               | 53.4             | 16                | 1                          | 1110               | -          | -                |
| 52576                                | 71.4             | 16                | 2                          | 1583               | 1653       | -                |
| 222476                               | 93.3             | 16                | 3                          | 1791               | 1766       | 1296             |
| 393218                               | 68.4             | 16                | 2                          | 1678               | 1890       | -                |
| 562777                               | 98.2             | 16                | 3                          | 1510               | 1605       | 1418             |
| 31603                                | 82               | 16                | 2                          | 1300               | 1523       | -                |
| 201756                               | 98.6             | 16                | 3                          | 1020               | 1070       | 1990             |
| 372162                               | 73.3             | 16                | 2                          | 1999               | 1709       | -                |
| 542921                               | 80.3             | 16                | 2                          | 1205               | 1908       | -                |
| 10620                                | 52               | 16                | 1                          | 1445               | -          | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 7          |            |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 236763                               | 93.9             | 11                | 3                          | 1325               |         | 1401       | 1265       |
| 458923                               | 90.3             | 11                | 3                          | 1962               |         | 1647       | 1876       |
| 683506                               | 76.8             | 11                | 2                          | 1499               |         | 1242       | -          |
| 906848                               | 72.4             | 11                | 2                          | 1595               |         | 1013       | -          |
| 209338                               | 85.5             | 11                | 3                          | 1048               |         | 1368       | 1438       |
| 433316                               | 56               | 11                | 1                          | 1646               |         | -          | -          |
| 654365                               | 85.2             | 11                | 3                          | 1784               |         | 1878       | 1389       |
| 880256                               | 54.8             | 11                | 1                          | 1659               |         | -          | -          |
| 181618                               | 88.1             | 11                | 3                          | 1927               |         | 1928       | 1307       |
| 405781                               | 57.1             | 11                | 1                          | 1664               |         | -          | -          |
| 629680                               | 55.8             | 11                | 1                          | 1039               |         | -          | -          |
| 852332                               | 81.8             | 11                | 2                          | 1050               |         | 1038       | -          |
| 154801                               | 60.7             | 11                | 1                          | 1557               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 8          |                  |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 244340                               | 96.4             | 20                | 3                          | 1226               | 1572       | 2000             |
| 390950                               | 60.1             | 20                | 1                          | 1346               | -          | -                |
| 534907                               | 76.3             | 20                | 2                          | 1441               | 1284       | -                |
| 82690                                | 56.2             | 20                | 1                          | 1273               | -          | -                |
| 227993                               | 62.4             | 20                | 1                          | 1031               | -          | -                |
| 372695                               | 62               | 20                | 1                          | 1940               | -          | -                |
| 517788                               | 56               | 20                | 1                          | 1889               | -          | -                |
| 64471                                | 83.9             | 20                | 3                          | 1106               | 1311       | 1930             |
| 209097                               | 98.4             | 20                | 3                          | 1260               | 1022       | 1606             |
| 354143                               | 74.3             | 20                | 2                          | 1178               | 1917       | -                |
| 499561                               | 70               | 20                | 2                          | 1069               | 1249       | -                |
| 46749                                | 69.5             | 20                | 2                          | 1773               | 1652       | -                |
| 191589                               | 78.6             | 20                | 2                          | 1347               | 1603       | -                |
| 336486                               | 73.9             | 20                | 2                          | 1177               | 1608       | -                |
| 481767                               | 74.1             | 20                | 2                          | 1153               | 1089       | -                |
| 28998                                | 62.7             | 20                | 1                          | 1944               | -          | -                |
| 173769                               | 70.1             | 20                | 2                          | 1224               | 1672       | -                |
| 317895                               | 93.3             | 20                | 3                          | 1217               | 1015       | 1957             |
| 464152                               | 50.5             | 20                | 1                          | 1929               | -          | -                |
| 11067                                | 89               | 20                | 3                          | 1945               | 1615       | 1847             |



| Statistical Performance Check Result |                  |                   |                            |                    |         |            |            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|---------|------------|------------|
| Radar Test Signal (#)                |                  | 5                 |                            |                    | Trail # | 9          |            |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12      | Frequency  | Center     |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         |         | PRI-2 (us) | PRI-3 (us) |
| 283763                               | 85.8             | 9                 | 3                          | 1451               |         | 1023       | 1821       |
| 548478                               | 51.3             | 9                 | 1                          | 1960               |         | -          | -          |
| 809743                               | 86.6             | 9                 | 3                          | 1998               |         | 1989       | 1778       |
| 1077369                              | 63.2             | 9                 | 1                          | 1270               |         | -          | -          |
| 251895                               | 57.9             | 9                 | 1                          | 1730               |         | -          | -          |
| 514624                               | 97.4             | 9                 | 3                          | 1488               |         | 1953       | 1309       |
| 780737                               | 55.4             | 9                 | 1                          | 1002               |         | -          | -          |
| 1044449                              | 56.6             | 9                 | 1                          | 1654               |         | -          | -          |
| 218719                               | 86               | 9                 | 3                          | 1683               |         | 1425       | 1787       |
| 483655                               | 55.9             | 9                 | 1                          | 1417               |         | -          | -          |
| 747738                               | 50.5             | 9                 | 1                          | 1641               |         | -          | -          |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                  |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 10         |                  |
| Burst of Number                      | 9                | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12         | Frequency Center |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)       |
| 695151                               | 61.9             | 15                | 1                          | 1713               | -          | -                |
| 128132                               | 71.6             | 15                | 2                          | 1320               | 1648       | -                |
| 309769                               | 60.6             | 15                | 1                          | 1862               | -          | -                |
| 489296                               | 97               | 15                | 3                          | 1244               | 1669       | 1873             |
| 672580                               | 58.2             | 15                | 1                          | 1954               | -          | -                |
| 105804                               | 71.9             | 15                | 2                          | 1694               | 1351       | -                |
| 286805                               | 75.7             | 15                | 2                          | 1869               | 1591       | -                |
| 467329                               | 86.1             | 15                | 3                          | 1161               | 1266       | 1887             |
| 650589                               | 61.2             | 15                | 1                          | 1544               | -          | -                |
| 83455                                | 74.3             | 15                | 2                          | 1934               | 1415       | -                |
| 264701                               | 68.2             | 15                | 2                          | 1422               | 1478       | -                |
| 444952                               | 95.5             | 15                | 3                          | 1657               | 1214       | 1610             |
| 628454                               | 65.9             | 15                | 1                          | 1276               | -          | -                |
| 61315                                | 56.8             | 15                | 1                          | 1335               | -          | -                |
| 242712                               | 52.9             | 15                | 1                          | 1881               | -          | -                |
| 424295                               | 56.8             | 15                | 1                          | 1634               | -          | -                |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 11         |                                         |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 483494                               | 82.2             | 20                | 2                          | 1691               | 1029       | -          |                                         |
| 31130                                | 61.1             | 20                | 1                          | 1623               | -          | -          |                                         |
| 175309                               | 92.1             | 20                | 3                          | 1303               | 1697       | 1836       |                                         |
| 320742                               | 68               | 20                | 2                          | 1362               | 1450       | -          |                                         |
| 466659                               | 63.9             | 20                | 1                          | 1426               | -          | -          |                                         |
| 13250                                | 55.3             | 20                | 1                          | 1823               | -          | -          |                                         |
| 157701                               | 92.9             | 20                | 3                          | 1232               | 1191       | 1763       |                                         |
| 302865                               | 75               | 20                | 2                          | 1571               | 1312       | -          |                                         |
| 446764                               | 95               | 20                | 3                          | 1254               | 1650       | 1207       |                                         |
| 591996                               | 73.6             | 20                | 2                          | 1550               | 1846       | -          |                                         |
| 140621                               | 63               | 20                | 1                          | 1121               | -          | -          |                                         |
| 283899                               | 98.4             | 20                | 3                          | 1343               | 1977       | 1926       |                                         |
| 430680                               | 65.1             | 20                | 1                          | 1725               | -          | -          |                                         |
| 575746                               | 56.5             | 20                | 1                          | 1761               | -          | -          |                                         |
| 122072                               | 99.4             | 20                | 3                          | 1241               | 1118       | 1973       |                                         |
| 266724                               | 98               | 20                | 3                          | 1588               | 1304       | 1028       |                                         |
| 410761                               | 92.5             | 20                | 3                          | 1484               | 1733       | 1473       |                                         |
| 556827                               | 73.8             | 20                | 2                          | 1574               | 1310       | -          |                                         |
| 104794                               | 58               | 20                | 1                          | 1380               | -          | -          |                                         |
| 248823                               | 97.9             | 20                | 3                          | 1443               | 1326       | 1376       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 12         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 878323                               | 68               | 6                 | 2                          | 1562               | 1223       | -          |                                         |
| 1201036                              | 77               | 6                 | 2                          | 1576               | 1195       | -          |                                         |
| 193430                               | 65.9             | 6                 | 1                          | 1019               | -          | -          |                                         |
| 515373                               | 90.9             | 6                 | 3                          | 1728               | 1142       | 1206       |                                         |
| 837168                               | 94.4             | 6                 | 3                          | 1333               | 1997       | 1685       |                                         |
| 1162414                              | 57.1             | 6                 | 1                          | 1479               | -          | -          |                                         |
| 153280                               | 89.3             | 6                 | 3                          | 1447               | 1536       | 1062       |                                         |
| 476708                               | 64.6             | 6                 | 1                          | 1156               | -          | -          |                                         |
| 798519                               | 67.6             | 6                 | 2                          | 1975               | 1319       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 13         |                                         |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 721573                               | 55.9             | 13                | 1                          | 1087               | -          | -          |                                         |
| 72983                                | 70.6             | 13                | 2                          | 1516               | 1373       | -          |                                         |
| 280517                               | 56.4             | 13                | 1                          | 1822               | -          | -          |                                         |
| 488047                               | 54.9             | 13                | 1                          | 1667               | -          | -          |                                         |
| 692783                               | 90.5             | 13                | 3                          | 1636               | 1670       | 1736       |                                         |
| 47463                                | 73.3             | 13                | 2                          | 1462               | 1435       | -          |                                         |
| 253983                               | 95.6             | 13                | 3                          | 1681               | 1897       | 1538       |                                         |
| 460713                               | 94               | 13                | 3                          | 1555               | 1620       | 1780       |                                         |
| 667923                               | 87.9             | 13                | 3                          | 1140               | 1812       | 1329       |                                         |
| 21923                                | 86.7             | 13                | 3                          | 1095               | 1456       | 1097       |                                         |
| 229477                               | 56.6             | 13                | 1                          | 1581               | -          | -          |                                         |
| 436459                               | 78.8             | 13                | 2                          | 1308               | 1289       | -          |                                         |
| 642305                               | 85.7             | 13                | 3                          | 1299               | 1852       | 1315       |                                         |
| 852309                               | 51.9             | 13                | 1                          | 1250               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 14         |                                         |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 237287                               | 84.6             | 10                | 3                          | 1314               | 1508       | 1611       |                                         |
| 480167                               | 58.8             | 10                | 1                          | 1472               | -          | -          |                                         |
| 721239                               | 77.4             | 10                | 2                          | 1092               | 1904       | -          |                                         |
| 963224                               | 71               | 10                | 2                          | 1139               | 1671       | -          |                                         |
| 208121                               | 54.6             | 10                | 1                          | 1673               | -          | -          |                                         |
| 449554                               | 74.9             | 10                | 2                          | 1469               | 1738       | -          |                                         |
| 691801                               | 70.3             | 10                | 2                          | 1233               | 1263       | -          |                                         |
| 934484                               | 52.9             | 10                | 1                          | 1687               | -          | -          |                                         |
| 177771                               | 92.1             | 10                | 3                          | 1433               | 1826       | 1355       |                                         |
| 419126                               | 98.9             | 10                | 3                          | 1915               | 1407       | 1428       |                                         |
| 662911                               | 55.1             | 10                | 1                          | 1125               | -          | -          |                                         |
| 902272                               | 88.9             | 10                | 3                          | 1635               | 1045       | 1643       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 15         |                                         |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 104782                               | 55.1             | 16                | 1                          | 1331               | -          | -          |                                         |
| 274485                               | 95.2             | 16                | 3                          | 1288               | 1262       | 1779       |                                         |
| 446644                               | 51.1             | 16                | 1                          | 1157               | -          | -          |                                         |
| 615134                               | 73.6             | 16                | 2                          | 1965               | 1963       | -          |                                         |
| 83697                                | 56.7             | 16                | 1                          | 1637               | -          | -          |                                         |
| 254526                               | 66               | 16                | 1                          | 1563               | -          | -          |                                         |
| 424104                               | 78.2             | 16                | 2                          | 1872               | 1746       | -          |                                         |
| 596368                               | 57.3             | 16                | 1                          | 1323               | -          | -          |                                         |
| 62396                                | 89.1             | 16                | 3                          | 1882               | 1328       | 1370       |                                         |
| 233528                               | 53               | 16                | 1                          | 1432               | -          | -          |                                         |
| 404155                               | 56.6             | 16                | 1                          | 1824               | -          | -          |                                         |
| 572746                               | 93.4             | 16                | 3                          | 1699               | 1269       | 1507       |                                         |
| 41534                                | 74.7             | 16                | 2                          | 1498               | 1593       | -          |                                         |
| 211866                               | 83.3             | 16                | 2                          | 1585               | 1892       | -          |                                         |
| 383319                               | 53.8             | 16                | 1                          | 1460               | -          | -          |                                         |
| 553954                               | 53.9             | 16                | 1                          | 1727               | -          | -          |                                         |
| 20589                                | 54.5             | 16                | 1                          | 1356               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 16         |                                         |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 249549                               | 87.2             | 11                | 3                          | 1529               | 1868       | 1392       |                                         |
| 473814                               | 51.3             | 11                | 1                          | 1772               | -          | -          |                                         |
| 696747                               | 69.1             | 11                | 2                          | 1145               | 1305       | -          |                                         |
| 919852                               | 82.3             | 11                | 2                          | 1614               | 1012       | -          |                                         |
| 222458                               | 75               | 11                | 2                          | 1477               | 1898       | -          |                                         |
| 445510                               | 81.4             | 11                | 2                          | 1625               | 1760       | -          |                                         |
| 669234                               | 82               | 11                | 2                          | 1290               | 1173       | -          |                                         |
| 891674                               | 66.9             | 11                | 2                          | 1526               | 1801       | -          |                                         |
| 194770                               | 86.2             | 11                | 3                          | 1172               | 1980       | 1227       |                                         |
| 417571                               | 84.6             | 11                | 3                          | 1932               | 1394       | 1079       |                                         |
| 640275                               | 89.8             | 11                | 3                          | 1601               | 1071       | 1880       |                                         |
| 862582                               | 97.4             | 11                | 3                          | 1985               | 1745       | 1316       |                                         |
| 167886                               | 52.9             | 11                | 1                          | 1294               | -          | -          |                                         |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 17         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 564844                               | 78.5             | 7                 | 2                          | 1406               | 1829       | -          |                                         |
| 888379                               | 57.6             | 7                 | 1                          | 1820               | -          | -          |                                         |
| 1208797                              | 99.8             | 7                 | 3                          | 1248               | 1692       | 1645       |                                         |
| 202812                               | 51.5             | 7                 | 1                          | 1298               | -          | -          |                                         |
| 525477                               | 68.1             | 7                 | 2                          | 1088               | 1213       | -          |                                         |
| 848768                               | 50.3             | 7                 | 1                          | 1558               | -          | -          |                                         |
| 1169382                              | 92.8             | 7                 | 3                          | 1580               | 1573       | 1114       |                                         |
| 162951                               | 64.2             | 7                 | 1                          | 1854               | -          | -          |                                         |
| 485678                               | 79.9             | 7                 | 2                          | 1011               | 1387       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 18         |                                         |
| Burst of Number                      | 16               | Burst Period(s)   | 0.75                       | Waveform Length(s) | 12         | Frequency  | $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 452762                               | 90.6             | 15                | 3                          | 1885               | 1390       | 1371       |                                         |
| 636546                               | 50.5             | 15                | 1                          | 1103               | -          | -          |                                         |
| 69136                                | 78.3             | 15                | 2                          | 1485               | 1175       | -          |                                         |
| 250688                               | 62.9             | 15                | 1                          | 1768               | -          | -          |                                         |
| 431876                               | 81.6             | 15                | 2                          | 1211               | 1044       | -          |                                         |
| 613696                               | 52.2             | 15                | 1                          | 1684               | -          | -          |                                         |
| 46710                                | 84               | 15                | 3                          | 1704               | 1338       | 1209       |                                         |
| 227355                               | 96.3             | 15                | 3                          | 1920               | 1674       | 1384       |                                         |
| 409287                               | 71.3             | 15                | 2                          | 1292               | 1421       | -          |                                         |
| 590397                               | 71.1             | 15                | 2                          | 1818               | 1060       | -          |                                         |
| 24536                                | 66.3             | 15                | 1                          | 1055               | -          | -          |                                         |
| 205244                               | 98.5             | 15                | 3                          | 1712               | 1448       | 1291       |                                         |
| 387827                               | 54.9             | 15                | 1                          | 1043               | -          | -          |                                         |
| 566988                               | 97.5             | 15                | 3                          | 1749               | 1158       | 1404       |                                         |
| 2150                                 | 86.1             | 15                | 3                          | 1607               | 1867       | 1436       |                                         |
| 183641                               | 56.5             | 15                | 1                          | 1721               | -          | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 19         |                                                   |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 649004                               | 80.2             | 7                 | 2                          | 1476               | 1792       | -                                                 |
| 972632                               | 63.8             | 7                 | 1                          | 1837               | -          | -                                                 |
| 1294265                              | 69.1             | 7                 | 2                          | 1455               | 1715       | -                                                 |
| 287125                               | 56.7             | 7                 | 1                          | 1234               | -          | -                                                 |
| 609502                               | 70.5             | 7                 | 2                          | 1127               | 1633       | -                                                 |
| 931751                               | 81.5             | 7                 | 2                          | 1629               | 1783       | -                                                 |
| 1253215                              | 88.5             | 7                 | 3                          | 1147               | 1810       | 1604                                              |
| 247305                               | 60               | 7                 | 1                          | 1363               | -          | -                                                 |
| 568977                               | 86.1             | 7                 | 3                          | 1212               | 1662       | 1696                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 20         |                                                   |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_L + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 400523                               | 74.5             | 20                | 2                          | 1775               | 1082       | -                                                 |
| 544232                               | 99.1             | 20                | 3                          | 1564               | 1074       | 1442                                              |
| 92772                                | 93.7             | 20                | 3                          | 1995               | 1235       | 1293                                              |
| 238062                               | 73.1             | 20                | 2                          | 1006               | 1337       | -                                                 |
| 383830                               | 65.2             | 20                | 1                          | 1068               | -          | -                                                 |
| 529131                               | 53.4             | 20                | 1                          | 1021               | -          | -                                                 |
| 75357                                | 61.2             | 20                | 1                          | 1553               | -          | -                                                 |
| 219129                               | 90.3             | 20                | 3                          | 1807               | 1912       | 1551                                              |
| 365634                               | 57.2             | 20                | 1                          | 1565               | -          | -                                                 |
| 510479                               | 60.8             | 20                | 1                          | 1909               | -          | -                                                 |
| 57360                                | 68.5             | 20                | 2                          | 1626               | 1163       | -                                                 |
| 202693                               | 54               | 20                | 1                          | 1340               | -          | -                                                 |
| 347847                               | 62.1             | 20                | 1                          | 1408               | -          | -                                                 |
| 490344                               | 99.8             | 20                | 3                          | 1556               | 1877       | 1230                                              |
| 39483                                | 79.7             | 20                | 2                          | 1701               | 1622       | -                                                 |
| 184461                               | 82.9             | 20                | 2                          | 1302               | 1164       | -                                                 |
| 328025                               | 89.9             | 20                | 3                          | 1520               | 1638       | 1769                                              |
| 475199                               | 63.2             | 20                | 1                          | 1336               | -          | -                                                 |
| 21678                                | 68.6             | 20                | 2                          | 1502               | 1256       | -                                                 |
| 166512                               | 81               | 20                | 2                          | 1398               | 1420       | -                                                 |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 21         |                                      |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 694608                               | 54.5             | 6                 | 1                          | 1034               | -          | -          |                                      |
| 1016456                              | 73.6             | 6                 | 2                          | 1590               | 1115       | -          |                                      |
| 8551                                 | 60.1             | 6                 | 1                          | 1933               | -          | -          |                                      |
| 331564                               | 63.7             | 6                 | 1                          | 1505               | -          | -          |                                      |
| 653496                               | 95.1             | 6                 | 3                          | 1405               | 1075       | 1220       |                                      |
| 975332                               | 88               | 6                 | 3                          | 1628               | 1744       | 1202       |                                      |
| 1297079                              | 86.6             | 6                 | 3                          | 1271               | 1914       | 1921       |                                      |
| 291425                               | 73.6             | 6                 | 2                          | 1188               | 1924       | -          |                                      |
| 614597                               | 57.5             | 6                 | 1                          | 1916               | -          | -          |                                      |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                      |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 22         |                                      |
| Burst of Number                      | 13               | Burst Period(s)   | 0.9230769                  | Waveform Length(s) | 12         | Frequency  | $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                      |
| 648947                               | 59.4             | 11                | 1                          | 1464               | -          | -          |                                      |
| 872834                               | 59.1             | 11                | 1                          | 1077               | -          | -          |                                      |
| 174442                               | 62               | 11                | 1                          | 1104               | -          | -          |                                      |
| 397033                               | 68.2             | 11                | 2                          | 1747               | 1711       | -          |                                      |
| 619847                               | 76.8             | 11                | 2                          | 1972               | 1816       | -          |                                      |
| 844713                               | 57               | 11                | 1                          | 1706               | -          | -          |                                      |
| 146857                               | 53.2             | 11                | 1                          | 1367               | -          | -          |                                      |
| 369203                               | 90.4             | 11                | 3                          | 1731               | 1446       | 1170       |                                      |
| 592949                               | 73.2             | 11                | 2                          | 1201               | 1710       | -          |                                      |
| 817479                               | 56.1             | 11                | 1                          | 1377               | -          | -          |                                      |
| 119201                               | 67.7             | 11                | 2                          | 1130               | 1171       | -          |                                      |
| 342999                               | 55.1             | 11                | 1                          | 1007               | -          | -          |                                      |
| 566579                               | 58.1             | 11                | 1                          | 1090               | -          | -          |                                      |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 23         |                                                |
| Burst of Number                      | 17               | Burst Period(s)   | 0.7058824                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 601322                               | 97.7             | 16                | 3                          | 1345               | 1186       | 1735                                           |
| 69798                                | 86.6             | 16                | 3                          | 1578               | 1884       | 1521                                           |
| 240236                               | 67.6             | 16                | 2                          | 1861               | 1813       | -                                              |
| 411573                               | 52.4             | 16                | 1                          | 1913               | -          | -                                              |
| 581299                               | 68               | 16                | 2                          | 1719               | 1414       | -                                              |
| 49079                                | 64               | 16                | 1                          | 1828               | -          | -                                              |
| 218917                               | 89.4             | 16                | 3                          | 1765               | 1548       | 1453                                           |
| 389991                               | 73.8             | 16                | 2                          | 1690               | 1216       | -                                              |
| 560724                               | 80.6             | 16                | 2                          | 1327               | 1280       | -                                              |
| 27969                                | 68.2             | 16                | 2                          | 1893               | 1857       | -                                              |
| 198477                               | 69.9             | 16                | 2                          | 1474               | 1501       | -                                              |
| 368635                               | 79               | 16                | 2                          | 1619               | 1964       | -                                              |
| 539754                               | 81.5             | 16                | 2                          | 1395               | 1160       | -                                              |
| 7017                                 | 50.9             | 16                | 1                          | 1366               | -          | -                                              |
| 177018                               | 88.9             | 16                | 3                          | 1080               | 1978       | 1740                                           |
| 347849                               | 80               | 16                | 2                          | 1339               | 1850       | -                                              |
| 518155                               | 78.1             | 16                | 2                          | 1503               | 1848       | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 24         |                                         |
| Burst of Number                      | 9                | Burst Period(s)   | 1.3333333                  | Waveform Length(s) | 12         | Frequency  | $F_H - (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 1303061                              | 77.3             | 6                 | 2                          | 1858               | 1937       | -          |                                         |
| 296120                               | 66.9             | 6                 | 2                          | 1452               | 1703       | -          |                                         |
| 618053                               | 87.6             | 6                 | 3                          | 1461               | 1679       | 1471       |                                         |
| 941705                               | 82.8             | 6                 | 2                          | 1058               | 1582       | -          |                                         |
| 1262467                              | 97.9             | 6                 | 3                          | 1561               | 1786       | 1369       |                                         |
| 256754                               | 51.6             | 6                 | 1                          | 1225               | -          | -          |                                         |
| 579778                               | 56.4             | 6                 | 1                          | 1349               | -          | -          |                                         |
| 900681                               | 85.8             | 6                 | 3                          | 1708               | 1025       | 1781       |                                         |
| 1223080                              | 85.3             | 6                 | 3                          | 1357               | 1971       | 1057       |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 25         |                                            |
| Burst of Number                      | 11               | Burst Period(s)   | 1.0909091                  | Waveform Length(s) | 12         | Frequency  | $F_H \cdot (0.4 \cdot \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                            |
| 177128                               | 92.7             | 9                 | 3                          | 1040               | 1064       | 1252       |                                            |
| 441120                               | 76.5             | 9                 | 2                          | 1567               | 1231       | -          |                                            |
| 703834                               | 92.6             | 9                 | 3                          | 1739               | 1434       | 1457       |                                            |
| 968288                               | 66.7             | 9                 | 2                          | 1774               | 1737       | -          |                                            |
| 144880                               | 57.1             | 9                 | 1                          | 1532               | -          | -          |                                            |
| 408948                               | 50.9             | 9                 | 1                          | 1907               | -          | -          |                                            |
| 672738                               | 75.9             | 9                 | 2                          | 1054               | 1383       | -          |                                            |
| 935219                               | 96.5             | 9                 | 3                          | 1802               | 1341       | 1046       |                                            |
| 112148                               | 75.9             | 9                 | 2                          | 1951               | 1400       | -          |                                            |
| 376130                               | 73.5             | 9                 | 2                          | 1053               | 1677       | -          |                                            |
| 638910                               | 96.2             | 9                 | 3                          | 1531               | 1865       | 1268       |                                            |

| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                            |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|--------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 26         |                                            |
| Burst of Number                      | 12               | Burst Period(s)   | 1                          | Waveform Length(s) | 12         | Frequency  | $F_H \cdot (0.4 \cdot \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                            |
| 826712                               | 92.6             | 10                | 3                          | 1834               | 1000       | 1983       |                                            |
| 72998                                | 69.9             | 10                | 2                          | 1849               | 1518       | -          |                                            |
| 314688                               | 72.5             | 10                | 2                          | 1489               | 1958       | -          |                                            |
| 555527                               | 84.2             | 10                | 3                          | 1831               | 1182       | 1967       |                                            |
| 797115                               | 83.8             | 10                | 3                          | 1843               | 1348       | 1459       |                                            |
| 43224                                | 78.8             | 10                | 2                          | 1412               | 1979       | -          |                                            |
| 284734                               | 91               | 10                | 3                          | 1295               | 1086       | 1705       |                                            |
| 526386                               | 92.2             | 10                | 3                          | 1003               | 1723       | 1148       |                                            |
| 767431                               | 89.3             | 10                | 3                          | 1660               | 1724       | 1200       |                                            |
| 13435                                | 95.4             | 10                | 3                          | 1439               | 1190       | 1942       |                                            |
| 255680                               | 56.1             | 10                | 1                          | 1358               | -          | -          |                                            |
| 497683                               | 64.3             | 10                | 1                          | 1759               | -          | -          |                                            |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 27                                             |
| Burst of Number                      | 19               | Burst Period(s)   | 0.6315789                  | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 466662                               | 60.4             | 18                | 1                          | 1883               | -          | -                                              |
| 616742                               | 95.2             | 18                | 3                          | 1991               | 1243       | 1334                                           |
| 142355                               | 78.8             | 18                | 2                          | 1016               | 1100       | -                                              |
| 295519                               | 50.7             | 18                | 1                          | 1051               | -          | -                                              |
| 446771                               | 67.6             | 18                | 2                          | 1527               | 1874       | -                                              |
| 599225                               | 75.4             | 18                | 2                          | 1809               | 1486       | -                                              |
| 123039                               | 99.9             | 18                | 3                          | 1010               | 1970       | 1741                                           |
| 275129                               | 85               | 18                | 3                          | 1330               | 1318       | 1943                                           |
| 428981                               | 61.1             | 18                | 1                          | 1968               | -          | -                                              |
| 580996                               | 66.7             | 18                | 2                          | 1644               | 1065       | -                                              |
| 104670                               | 82.7             | 18                | 2                          | 1313               | 1261       | -                                              |
| 257432                               | 71.4             | 18                | 2                          | 1027               | 1037       | -                                              |
| 410696                               | 62.9             | 18                | 1                          | 1162               | -          | -                                              |
| 561441                               | 81.3             | 18                | 2                          | 1939               | 1630       | -                                              |
| 86077                                | 63.9             | 18                | 1                          | 1122               | -          | -                                              |
| 239011                               | 61.1             | 18                | 1                          | 1047               | -          | -                                              |
| 390966                               | 68.9             | 18                | 2                          | 1204               | 1402       | -                                              |
| 544078                               | 53.1             | 18                | 1                          | 1950               | -          | -                                              |
| 66876                                | 85.1             | 18                | 3                          | 1468               | 1129       | 1959                                           |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 28         |                                                |
| Burst of Number                      | 20               | Burst Period(s)   | 0.6                        | Waveform Length(s) | 12         | Frequency $F_H(0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                     |
| 208292                               | 75.1             | 19                | 2                          | 1577               | 1919       | -                                              |
| 354271                               | 65.3             | 19                | 1                          | 1286               | -          | -                                              |
| 495997                               | 83.9             | 19                | 3                          | 1955               | 1534       | 1969                                           |
| 45716                                | 85.5             | 19                | 3                          | 1624               | 1587       | 1386                                           |
| 191235                               | 57.3             | 19                | 1                          | 1105               | -          | -                                              |
| 334080                               | 94.4             | 19                | 3                          | 1901               | 1992       | 1495                                           |
| 481017                               | 53.3             | 19                | 1                          | 2000               | -          | -                                              |
| 27921                                | 99               | 19                | 3                          | 1379               | 1789       | 1592                                           |
| 172578                               | 69.1             | 19                | 2                          | 1922               | 1830       | -                                              |
| 318204                               | 60.7             | 19                | 1                          | 1839               | -          | -                                              |
| 463599                               | 64.3             | 19                | 1                          | 1423               | -          | -                                              |
| 10138                                | 96.6             | 19                | 3                          | 1680               | 1440       | 1702                                           |
| 154700                               | 90               | 19                | 3                          | 1798               | 1009       | 1196                                           |
| 298982                               | 86.6             | 19                | 3                          | 1413               | 1524       | 1596                                           |
| 445818                               | 62.1             | 19                | 1                          | 1287               | -          | -                                              |
| 589319                               | 82.1             | 19                | 2                          | 1159               | 1856       | -                                              |
| 137185                               | 71.5             | 19                | 2                          | 1621               | 1119       | -                                              |
| 281563                               | 78.3             | 19                | 2                          | 1888               | 1860       | -                                              |
| 427881                               | 50.1             | 19                | 1                          | 1359               | -          | -                                              |
| 572624                               | 58.3             | 19                | 1                          | 1825               | -          | -                                              |



| Statistical Performance Check Result |                  |                   |                            |                    |            |            |                                         |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|------------|-----------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            |            | 29         |                                         |
| Burst of Number                      | 15               | Burst Period(s)   | 0.8                        | Waveform Length(s) | 12         | Frequency  | $F_H - (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us) |                                         |
| 159228                               | 71               | 14                | 2                          | 1700               | 1429       | -          |                                         |
| 352518                               | 76               | 14                | 2                          | 1895               | 1181       | -          |                                         |
| 544323                               | 88.6             | 14                | 3                          | 1364               | 1961       | 1903       |                                         |
| 737838                               | 85               | 14                | 3                          | 1757               | 1281       | 1372       |                                         |
| 135567                               | 75.8             | 14                | 2                          | 1099               | 1174       | -          |                                         |
| 328212                               | 87.2             | 14                | 3                          | 1285               | 1014       | 1984       |                                         |
| 522698                               | 51.1             | 14                | 1                          | 1994               | -          | -          |                                         |
| 715290                               | 71.3             | 14                | 2                          | 1525               | 1528       | -          |                                         |
| 111884                               | 52.4             | 14                | 1                          | 1210               | -          | -          |                                         |
| 305327                               | 64.8             | 14                | 1                          | 1966               | -          | -          |                                         |
| 497761                               | 79.9             | 14                | 2                          | 1938               | 1811       | -          |                                         |
| 691696                               | 73.2             | 14                | 2                          | 1661               | 1143       | -          |                                         |
| 87610                                | 86.1             | 14                | 3                          | 1993               | 1282       | 1665       |                                         |
| 281813                               | 60.2             | 14                | 1                          | 1041               | -          | -          |                                         |
| 474637                               | 81.1             | 14                | 2                          | 1617               | 1017       | -          |                                         |



| Statistical Performance Check Result |                  |                   |                            |                    |            |                                                   |
|--------------------------------------|------------------|-------------------|----------------------------|--------------------|------------|---------------------------------------------------|
| Radar Test Signal (#)                |                  | 5                 |                            | Trail #            | 30         |                                                   |
| Burst of Number                      | 14               | Burst Period(s)   | 0.8571429                  | Waveform Length(s) | 12         | Frequency $F_H + (0.4 \times \text{Chirp width})$ |
| Burst Offset (us)                    | Pulse Width (us) | Chirp Width (MHz) | Number of Pulses per Burst | PRI-1 (us)         | PRI-2 (us) | PRI-3 (us)                                        |
| 713761                               | 99.1             | 13                | 3                          | 1466               | 1853       | 1864                                              |
| 68606                                | 76.6             | 13                | 2                          | 1948               | 1018       | -                                                 |
| 276396                               | 59.6             | 13                | 1                          | 1030               | -          | -                                                 |
| 482744                               | 71.4             | 13                | 2                          | 1513               | 1793       | -                                                 |
| 691089                               | 56.4             | 13                | 1                          | 1743               | -          | -                                                 |
| 43150                                | 64.2             | 13                | 1                          | 1752               | -          | -                                                 |
| 250293                               | 76.4             | 13                | 2                          | 1251               | 1579       | -                                                 |
| 457068                               | 80.8             | 13                | 2                          | 1838               | 1782       | -                                                 |
| 665070                               | 74.2             | 13                | 2                          | 1093               | 1247       | -                                                 |
| 17534                                | 96.8             | 13                | 3                          | 1855               | 1771       | 1135                                              |
| 224742                               | 70.1             | 13                | 2                          | 1658               | 1283       | -                                                 |
| 430908                               | 92.7             | 13                | 3                          | 1618               | 1514       | 1795                                              |
| 638128                               | 84.8             | 13                | 3                          | 1430               | 1279       | 1509                                              |
| 847663                               | 50.7             | 13                | 1                          | 1519               | -          | -                                                 |

**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                        | 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             | 1                                     |
| 10                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 11                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 12                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 13                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 14                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 15                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 16                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 17                       | 5530                    | 9                   | 1                       | 333             | 1                                     |
| 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 (%) |                         |                     |                         |                 | 100                                   |
| Limit                    |                         |                     |                         |                 | 70%                                   |
| <b>Test Result</b>       |                         |                     |                         |                 | <b>Complied</b>                       |

## 4 Test Equipment and Calibration Data

| Instrument              | Manufacturer | Model No.    | Serial No. | Spec.             | Calibration Date | Calibration Due Date |
|-------------------------|--------------|--------------|------------|-------------------|------------------|----------------------|
| Spectrum Analyzer       | Keysight     | N9010A       | MY55150165 | 9kHz~7GHz         | 28/Oct/2016      | 27/Oct/2017          |
| Vector Signal Generator | Keysight     | N5182B       | MY53051912 | 9kHz ~ 6GHz       | 21/Nov/2016      | 20/Nov/2017          |
| Horn Antenna            | COM-POWER    | AH-118       | 10094      | 1GHz ~ 18GHz      | 2/Jun/2017       | 1/Jun/2018           |
| Horn Antenna            | COM-POWER    | AH-118       | 711064     | 1GHz ~ 18GHz      | 5/Dec/2016       | 4/Dec/2017           |
| RF cable 8m             | HUBER+SUHNER | SUCOFLEX 104 | MY7172/4   | 25 MHz ~ 26.5 GHz | 02/Nov/2016      | 01/Nov/2017          |
| RF cable 3m             | HUBER+SUHNER | SUCOFLEX 104 | 302338/4   | 25 MHz ~ 26.5 GHz | 02/Nov/2016      | 01/Nov/2017          |



## **5 Measurement Uncertainty**

| <b>Test Items</b> | <b>Uncertainty</b> | <b>Remark</b>            |
|-------------------|--------------------|--------------------------|
| Radiated Emission | 2.8 dB             | Confidence levels of 95% |