



# FCC DFS TEST REPORT

**FCC ID** : UIDW31  
**Equipment** : Wireless Router  
**Brand Name** : ARRIS  
**Model Name** : W31, W30  
**Applicant** : ARRIS  
3871 Lakefield Drive Suite 300, Suwanee, Georgia,  
30024 United States  
**Manufacturer** : ARRIS  
3871 Lakefield Drive Suite 300, Suwanee, Georgia,  
30024 United States  
**Standard** : 47 CFR FCC Part 15.407

The product was received on Jul. 18, 2018, and testing was started from Aug. 30, 2018 and completed on Dec. 06, 2018. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in FCC KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

**SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory**  
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### Appendix A. Test Photos

#### Photographs of EUT v01



TEL : 886-3-656-9065  
FAX : 886-3-656-9085  
Report Template No.: CB Ver1.0

## Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.3	FCC KDB 905462 7.8.1	DFS: UNII Detection Bandwidth Measurement	PASS	-
3.4	FCC KDB 905462 7.8.2.1	DFS: Initial Channel Availability Check Time	PASS	-
3.4	FCC KDB 905462 7.8.2.2	DFS: Radar Burst at the Beginning of the Channel Availability Check Time	PASS	-
3.4	FCC KDB 905462 7.8.2.3	DFS: Radar Burst at the End of the Channel Availability Check Time	PASS	-
3.5	FCC KDB 905462 7.8.3	DFS: In-Service Monitoring for Channel Move Time (CMT)	PASS	-
3.5	FCC KDB 905462 7.8.3	DFS: In-Service Monitoring for Channel Closing Transmission Time (CCTT)	PASS	-
3.5	FCC KDB 905462 7.8.3	DFS: In-Service Monitoring for Non-Occupancy Period (NOP)	PASS	-
3.6	FCC KDB 905462 7.8.4	DFS: Statistical Performance Check	PASS	-
3.1.4	FCC KDB 905462 8.1	User Access Restrictions	PASS	-

**Declaration of Conformity:**

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

**Comments and Explanations:**

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

**Reviewed by: Sam Chen**

**Report Producer: Cindy Peng**



# 1 General Description

## 1.1 Information

### 1.1.1 RF General Information

Specification Items	Description
Frequency Range	5250 MHz – 5350 MHz 5470 MHz – 5725 MHz
Product Type	WLAN (4TX, 4RX)
Radio Type	Intentional Transceiver
Power Type	From power adapter
Modulation	IEEE 802.11a: OFDM (BPSK / QPSK / 16QAM / 64QAM) IEEE 802.11n/ac/ax: see the below table
Data Rate (Mbps)	IEEE 802.11a: OFDM (6/9/12/18/24/36/48/54) IEEE 802.11n/ac/ax: see the below table
Channel Bandwidth	20/40/80/160 MHz operating channel bandwidth
Operating Mode	<input checked="" type="checkbox"/> Master (AP Router, Extender)
	<input checked="" type="checkbox"/> Bridge (Client without radar detection)
	<input type="checkbox"/> Client with radar detection
	<input checked="" type="checkbox"/> Client without radar detection
Communication Mode	<input checked="" type="checkbox"/> IP Based (Load Based) <input type="checkbox"/> Frame Based
TPC Function	<input checked="" type="checkbox"/> With TPC <input type="checkbox"/> Without TPC
Weather Band (5600~5650MHz)	<input checked="" type="checkbox"/> With 5600~5650MHz <input type="checkbox"/> Without 5600~5650MHz
Power-on cycle	<b>For Master (AP Router):</b> 160MHz: Requires 34.348 seconds to complete its power-on cycle.
	<b>For Client without radar detection:</b> NA (No Channel Availability Check Function)
Software / Firmware Version	AXR.0155.181108.0922-dev
Note: EUT employ a TPC mechanism and TPC have the capability to operate at least 6 dB below highest RF output power.	

Note: The above information was declared by manufacturer.

**TPC Power Result**

Mode	Min Power (dBm)	Max Power (dBm)	Min EIRP (dBm)	Max EIRP (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-
5.25-5.35GHz	17.93	23.93	23.64	29.64
5.47-5.725GHz	17.14	23.14	22.96	28.96
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.94	23.94	23.65	29.65
5.47-5.725GHz	17.24	23.24	23.06	29.06
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.88	23.88	23.59	29.59
5.47-5.725GHz	17.87	23.87	23.69	29.69
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.95	23.95	23.66	29.66
5.47-5.725GHz	17.90	23.90	23.72	29.72
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	13.15	19.15	18.86	24.86
5.47-5.725GHz	16.74	22.74	22.56	28.56
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.97	23.97	23.68	29.68
5.47-5.725GHz	17.29	23.29	23.11	29.11
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.91	23.91	23.62	29.62
5.47-5.725GHz	17.95	23.95	23.77	29.77
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	17.90	23.90	23.61	29.61
5.47-5.725GHz	17.92	23.92	23.74	29.74
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-
5.25-5.35GHz	14.01	20.01	19.72	25.72
5.47-5.725GHz	15.61	21.61	21.43	27.43

**Antenna & Band width**

Antenna	Four (TX)			
Band width Mode	20 MHz	40 MHz	80 MHz	160 MHz
IEEE 802.11a	V	X	X	X
IEEE 802.11n	V	V	X	X
IEEE 802.11ac	V	V	V	V
IEEE 802.11ax	V	V	V	V

**IEEE 11n/ac/ax 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	MCS0-11/Nss1-4
802.11ac (VHT40)	4	MCS0-11/Nss1-4
802.11ac (VHT80)	4	MCS0-11/Nss1-4
802.11ac (VHT160)	4	MCS0-11/Nss1-4
802.11ax (HEW20)	4	MCS0-11/Nss1-4
802.11ax (HEW40)	4	MCS0-11/Nss1-4
802.11ax (HEW80)	4	MCS0-11/Nss1-4
802.11ax (HEW160)	4	MCS0-11/Nss1-4

Note 1: IEEE Std. 802.11n modulation consists of HT20 and HT40 (HT: High Throughput).

Then EUT support HT20 and HT40.

Note 2: IEEE Std. 802.11ac modulation consists of VHT20, VHT40, VHT80 and VHT160 (VHT: Very High Throughput). Then EUT support VHT20, VHT40, VHT80 and VHT160.

Note 3: IEEE Std. 802.11ax modulation consists of HEW20, HEW40, HEW80 and HEW160 (HEW: High Efficiency Wi-Fi). Then EUT support HEW20, HEW40, HEW80 and HEW160.

Note 4: Modulation modes consist of below configuration:

11a: IEEE 802.11a, HT20/HT40: IEEE 802.11n, VHT20/VHT40/VHT80/VHT160: IEEE 802.11ac, HEW20/HEW40/HEW80/HEW160: IEEE 802.11ax

**1.1.2 Table for EUT Functions**

Type of Function	2.4GHz	5GHz Band 1~2	5GHz Band 3~4
Master (AP Router)	V	V	V
Master (Extender)	-	-	V
Bridge (Client without radar detection)	-	-	V
Client without radar detection	-	-	V



### 1.1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	PEGATRON	RFPCA2620-01_Rev02	Dual band PCB dipole antenna	I-PEX	Note
2	PEGATRON	RFPCA2620-02_Rev02	Dual band PCB dipole antenna	I-PEX	
3	PEGATRON	RFPCA2620-03_Rev01	Dual band PCB dipole antenna	I-PEX	
4	PEGATRON	RFPCA2620-04_Rev02	Dual band PCB dipole antenna	I-PEX	
5	PEGATRON	RFPCA2307-02 Rev02	PCB dipole antenna	I-PEX	
6	PEGATRON	RFPCA2211-03 Rev01	PCB dipole antenna	I-PEX	
7	PEGATRON	RFPCA2211-04 Rev02	PCB dipole antenna	I-PEX	
8	PEGATRON	RFPCA1806-03 Rev01	PCB dipole antenna	I-PEX	
9	PEGATRON	RFPCA3508-05_Rev02	PCB antenna	I-PEX	
10	PEGATRON	RFPCA1806-03 Rev01	PCB dipole antenna	I-PEX	

Note:

Ant.	Port	Uncorrelated (dBi)			Correlated (dBi)			(dBi)
		2.4GHz	5GHz Band 1~2	5GHz Band 3~4	2.4GHz	5GHz Band 1~2	5GHz Band 3~4	Bluetooth
1	1	4.22	5.71	-	5.35	6.23		-
2	2	4.22	5.71	-	5.35	6.23		-
3	3	4.22	5.71	-	5.35	6.23		-
4	4	4.22	5.71	-	5.35	6.23		-
5	1	-	-	5.82	-	-	6.93	-
6	2	-	-	5.82	-	-	6.93	-
7	3	-	-	5.82	-	-	6.93	-
8	4	-	-	5.82	-	-	6.93	-
9	1	-	-	-	-	-	-	4.12
10	-	-	5.23	5.23	-	-	-	-

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has ten antennas.

#### For Radio 1

#### WLAN 2.4GHz Functions

For IEEE 802.11b/g/n/ac/ax mode (4TX, 4RX):

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

#### WLAN 5GHz Functions (1RX):

Ant. 10 only supports the antenna receive function.



**For Radio 3****WLAN 5GHz Band 1~2 Functions****For IEEE 802.11a/n/ac/ax mode (4TX, 4RX):**

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

**For Radio 2****WLAN 5GHz Band 3~4 Functions****For IEEE 802.11a/n/ac/ax mode (4TX, 4RX):**

Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

**For Radio 4****Bluetooth Functions (1TX, 1RX):**

Only Port 1 could transmit/receive simultaneously.

**1.1.4 Table for Radio Type**

Radio No.	2.4GHz	5GHz Band 1~2	5GHz Band 3~4	Bluetooth
Radio 1	V	Only RX function	Only RX function	-
Radio 2	-	-	V	-
Radio 3	-	V	-	-
Radio 4	-	-	-	V

### 1.1.5 DFS Band Carrier Frequencies

There are four bandwidth systems.

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

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

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

For 160MHz bandwidth systems, use Channel 50, 114

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5250~5350 MHz Band 2	50	5250 MHz	58	5290 MHz
	52	5260 MHz	60	5300 MHz
	54	5270 MHz	62	5310 MHz
	56	5280 MHz	64	5320 MHz
5470~5725 MHz Band 3	100	5500 MHz	122	5610 MHz
	102	5510 MHz	124	5620 MHz
	104	5520 MHz	126	5630 MHz
	106	5530 MHz	128	5640 MHz
	108	5540 MHz	132	5660 MHz
	110	5550 MHz	134	5670 MHz
	112	5560 MHz	136	5680 MHz
	114	5570 MHz	138	5690 MHz
	116	5580 MHz	140	5700 MHz
	118	5590 MHz	142	5710 MHz
	120	5600 MHz	144	5720 MHz

### 1.1.6 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Color of Device's Bottom
W31	Matte Black
W30	Silver

From the above models, model name "W31" was selected as representative model for the test and its data was recorded in this report.

### 1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: 842742-01

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

Modifications	Performance Checking
1. Adding the Master (Extender), Bridge (Client without radar detection) and Client without radar detection modes for WLAN 5GHz band 3 and band 4 (5470~5725 MHz, 5725~5850 MHz). 2. Adding the 802.11ax mode for WLAN 2.4GHz and WLAN 5GHz. 3. Adding the 160MHz. 4. Adding the WLAN 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	DFS test items.
5. Adding an adapter (Model Name: NBS42D120350VU). 6. Updating the WIFI chip (BCM43684KRFBG) version to B1 from A1. The difference between A1 (original) and B1 (new) as below: (1) No functional RF changes versus A1. (2) MAC/PHY related bug fixes and optimizations. (3) Power and yield optimizations. 7. Updating the 802.11ac data rate and data modulation of WLAN 2.4GHz to "MCS 0-11, 1024QAM" from "MCS 0-9, 256QAM".	It doesn't need to verify DFS test.
8. Changing the internal structure of housing. 9. Changing the housing color to black from white. 10. Removing USB port. 11. Changing the equipment name to "Wireless Router" from "W31". Based on the modification above. 12. Adding a new model name "W30" which the color of device's bottom is silver.	It does not affect the test.



## 1.2 Accessories

Accessories					
No.	Equipment Name	Brand Name	Model Name	P/N	Rating
1	Adapter 1	APD	WA-36L12FU	AREP05681	INPUT: 100-120V ~, 60Hz, 0.9A Max OUTPUT: 12V, 3A
2	Adapter 2	NetBit	NBS42D120 350VU	AREP05751	INPUT: 100-120V ~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.5A

Note: The adapter does not affect the test result of DFS tests, so only adapter 2 was tested and recorded in this report.

## 1.3 Support Equipment

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
1	Notebook	DELL	E4300	N/A
2	Notebook	DELL	E4300	N/A
3	Rx device	ARRIS	W31	UIDW31

## 1.4 Testing Applied Standards

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

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

## 1.5 Testing Location Information

Testing Location		
<input type="checkbox"/>	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973
<input checked="" type="checkbox"/>	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

For Master (AP Router):

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
DFS Site	DF01-CB	Gino Huang	24°C / 56%	Aug. 30, 2018~Nov. 24, 2018

For Client without radar detection:

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
DFS Site	DF01-CB	Brian Su	24°C / 56%	Dec. 05, 2018~Dec. 06, 2018

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.

## 2 Test Configuration of EUT

### 2.1 Test Channel Frequencies Configuration

**For Master (AP Router):**

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
802.11ac (VHT160), 802.11ax (HEW160)	5570 MHz

**For Client without radar detection:**

Test Channel Frequencies Configuration	
IEEE Std.	Test Channel Freq. (MHz)
802.11ax (HEW160)	5570 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>	<p><b>For Master (AP Router):</b> 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160), 802.11ax (HEW160)</p>
	<p><b>For Client without radar detection:</b> 802.11ax (HEW160)</p>

Note: The Master supports AP Router and Extender, use the Master (AP Router) to performed test only.

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

#### 3.1 General DFS Information

##### 3.1.1 DFS Parameters

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

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate Channel changes (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%. Measurements are performed with no data traffic.

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

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

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

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

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

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

### 3.1.3 Applicability of DFS Requirements during Normal Operation

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

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

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



**3.1.4 User Access Restrictions**

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

**3.1.5 Channel Loading/Data Streaming**

<input 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

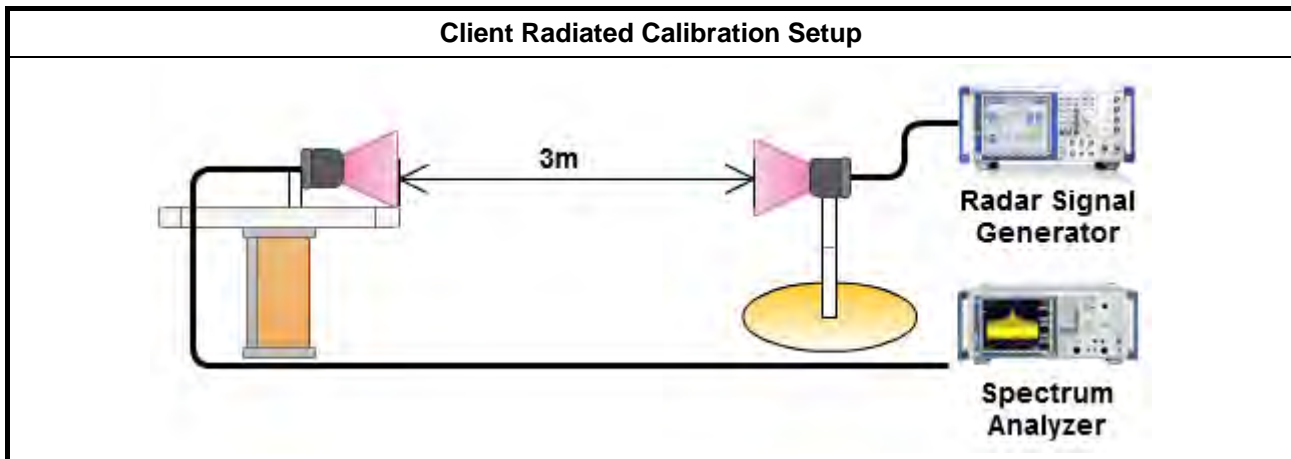
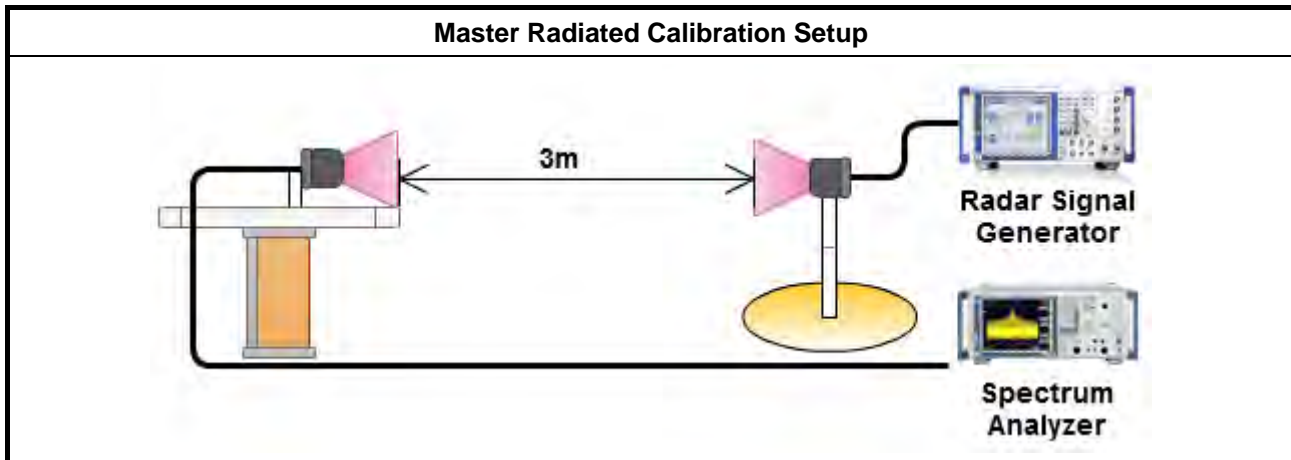
Radar Type	Pulse Width (μsec)	PRI (μsec)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Minimum Percentage of Successful Detection	Minimum Trials
6	1	333	9	0.333	300	70%	30

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 been taken into account the output power range and antenna gain.	

### 3.2.5 Calibration Setup



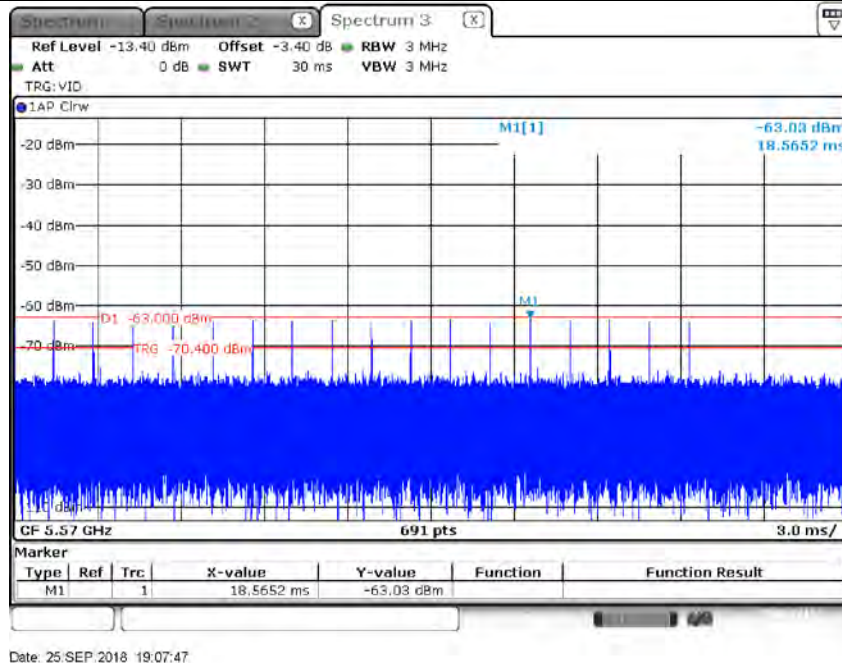


### 3.2.6 Radar Waveform calibration Plot

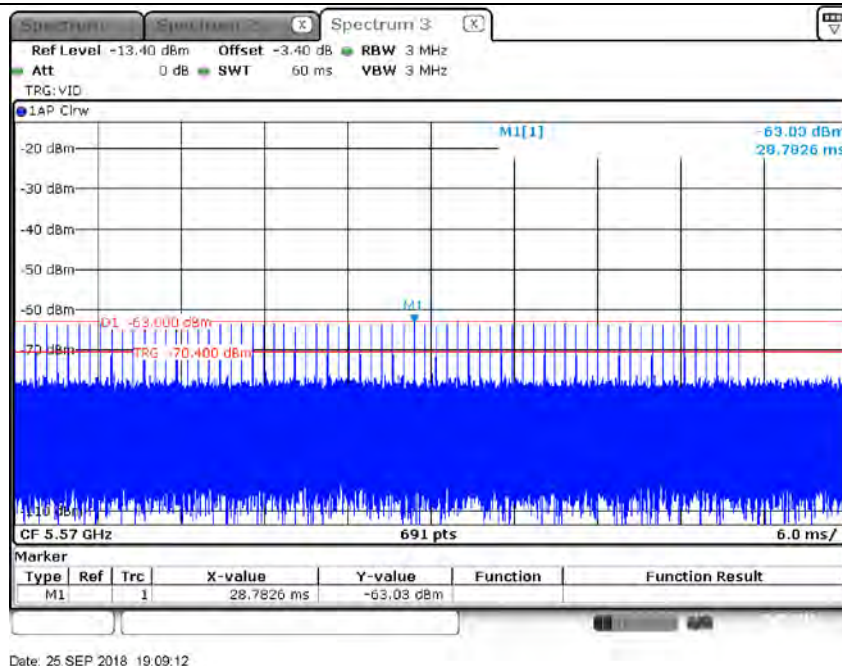
For Master (AP Router):

Test Frequency: 5570 MHz

Radar #0 DFS detection threshold level

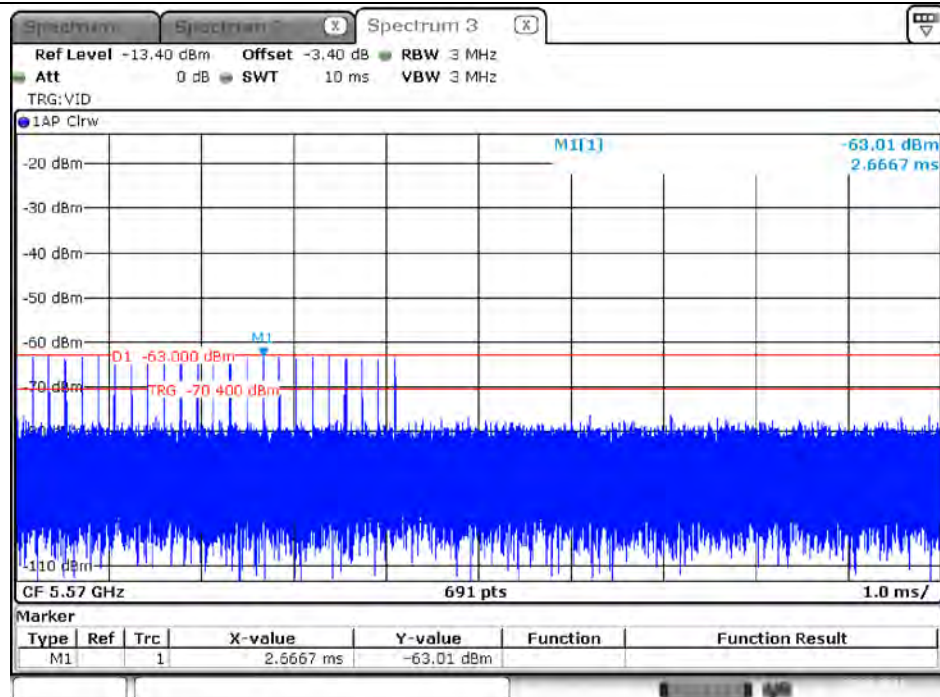


Radar #1 DFS detection threshold level



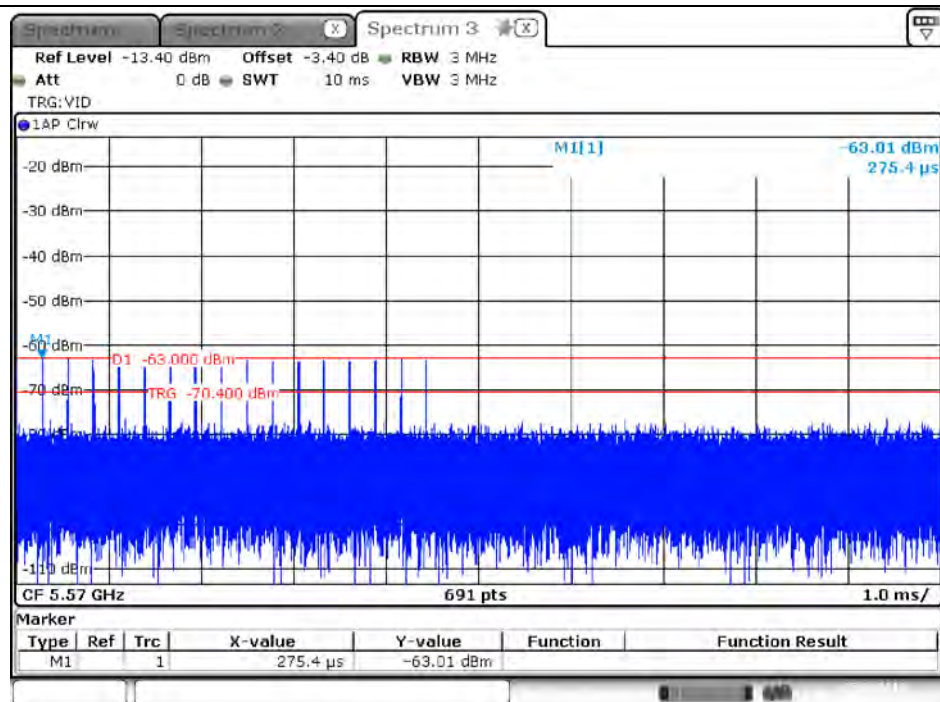


Radar #2 DFS detection threshold level



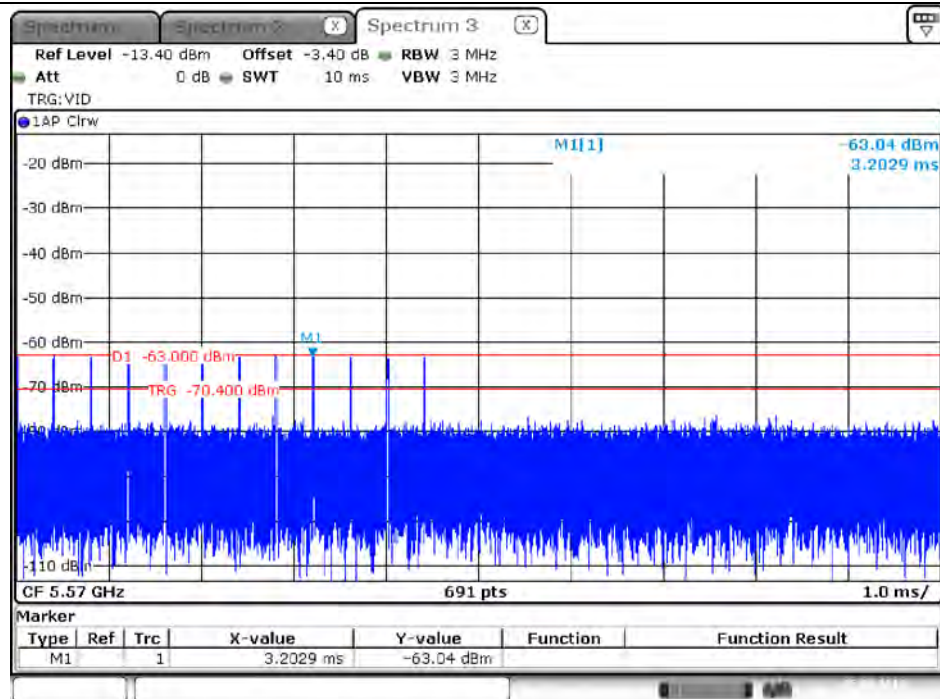
Date: 25.SEP.2018 19:10:37

Radar #3 DFS detection threshold level

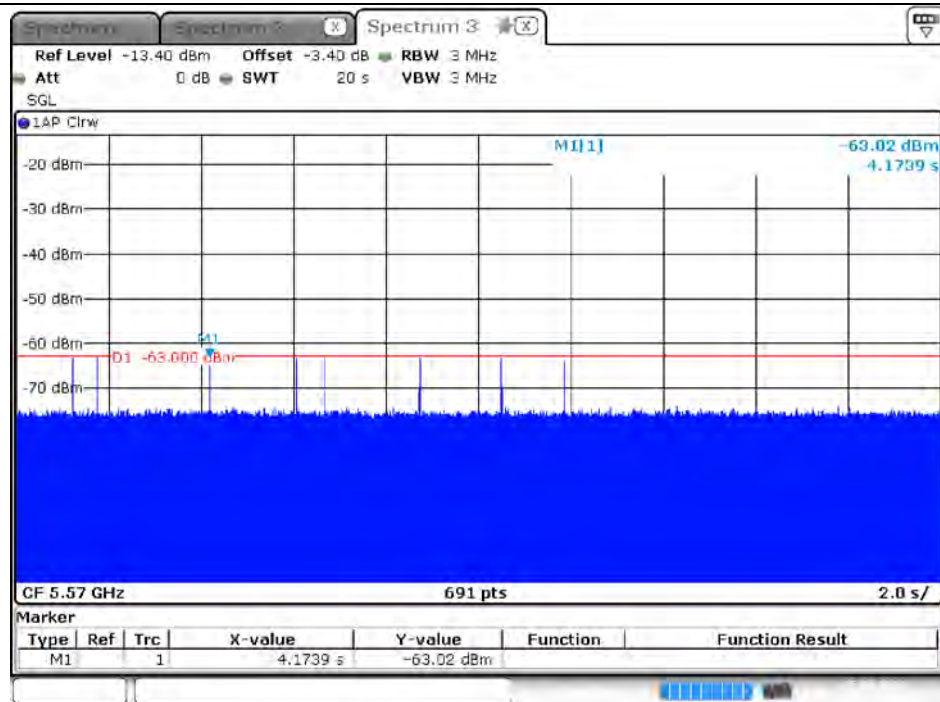


Date: 25.SEP.2018 19:12:18



**Radar #4 DFS detection threshold level**


Date: 25.SEP.2018 19:13:10

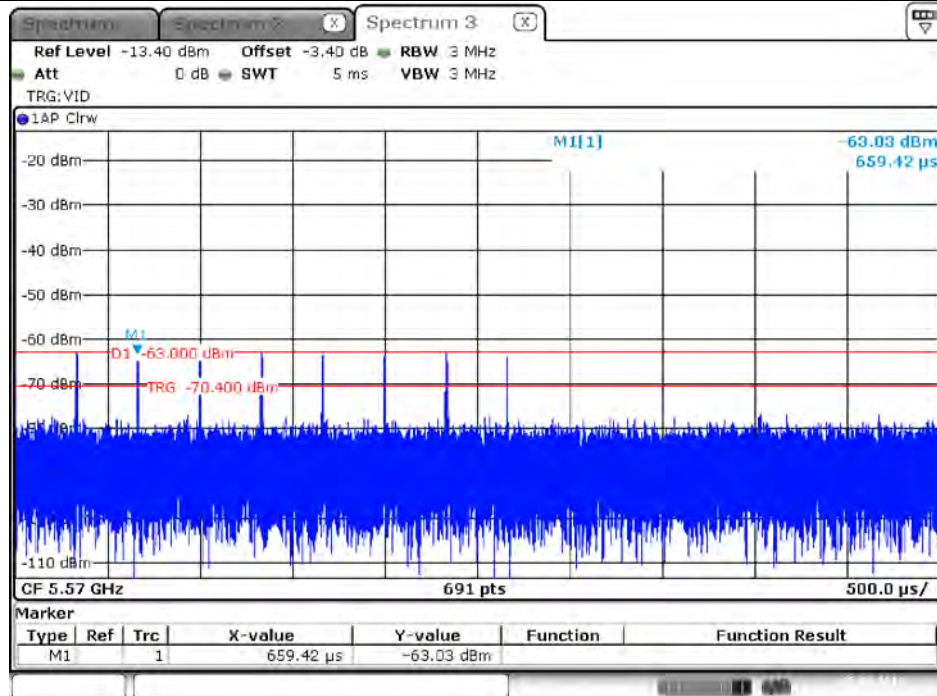
**Radar #5 DFS detection threshold level**


Date: 25.SEP.2018 19:16:00





Radar #6 DFS detection threshold level



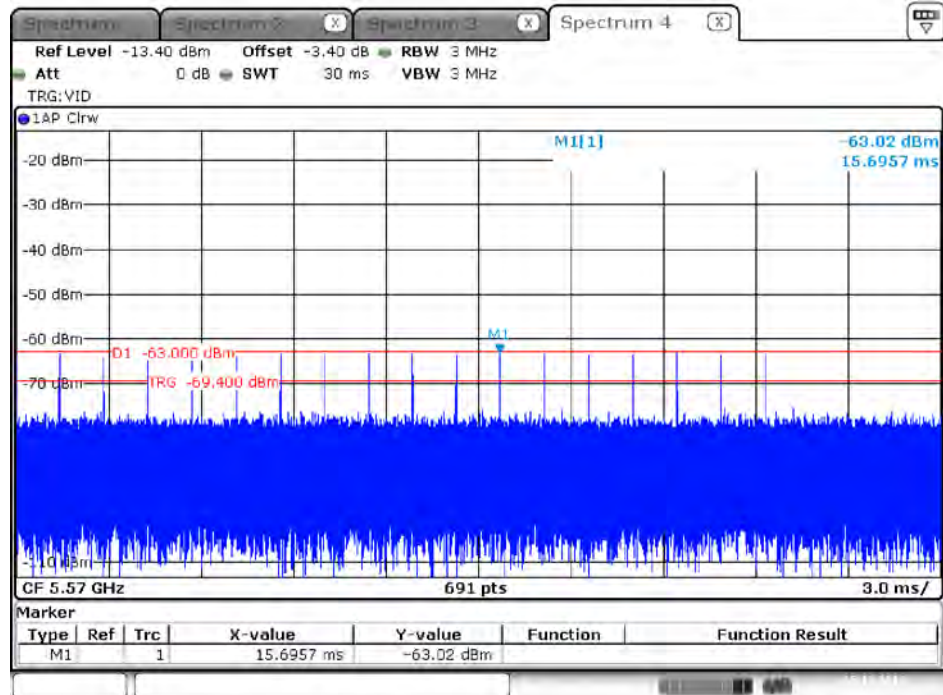
Date: 25.SEP.2018 19:20:14



For Client without radar detection:

Test Frequency: 5570 MHz

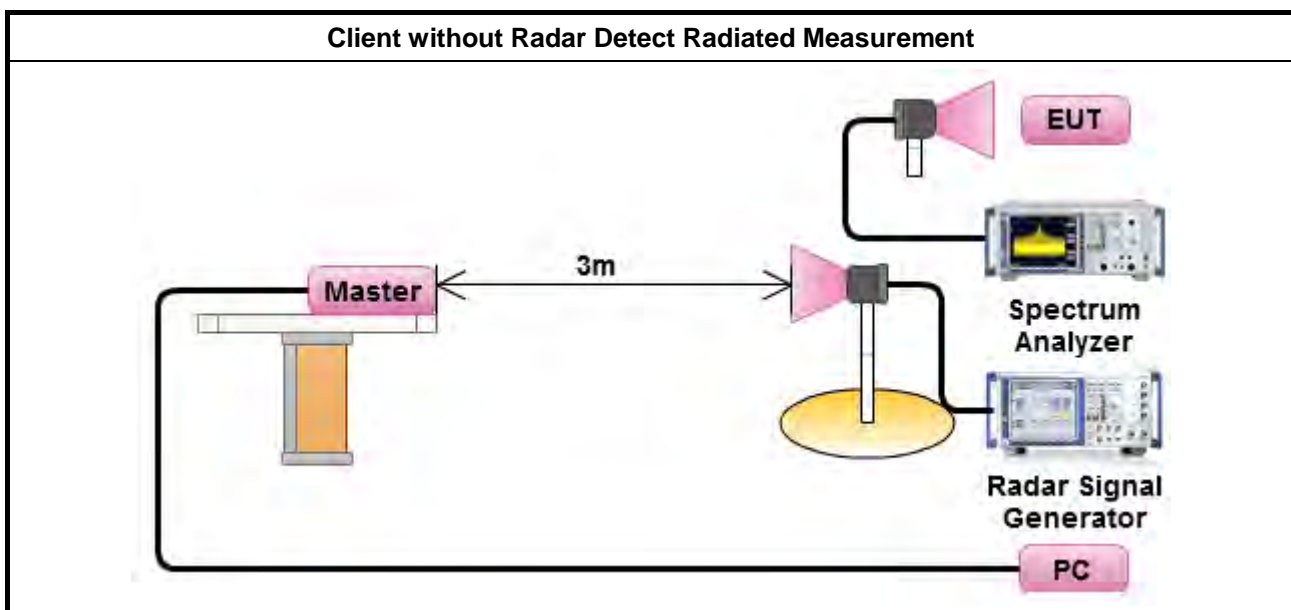
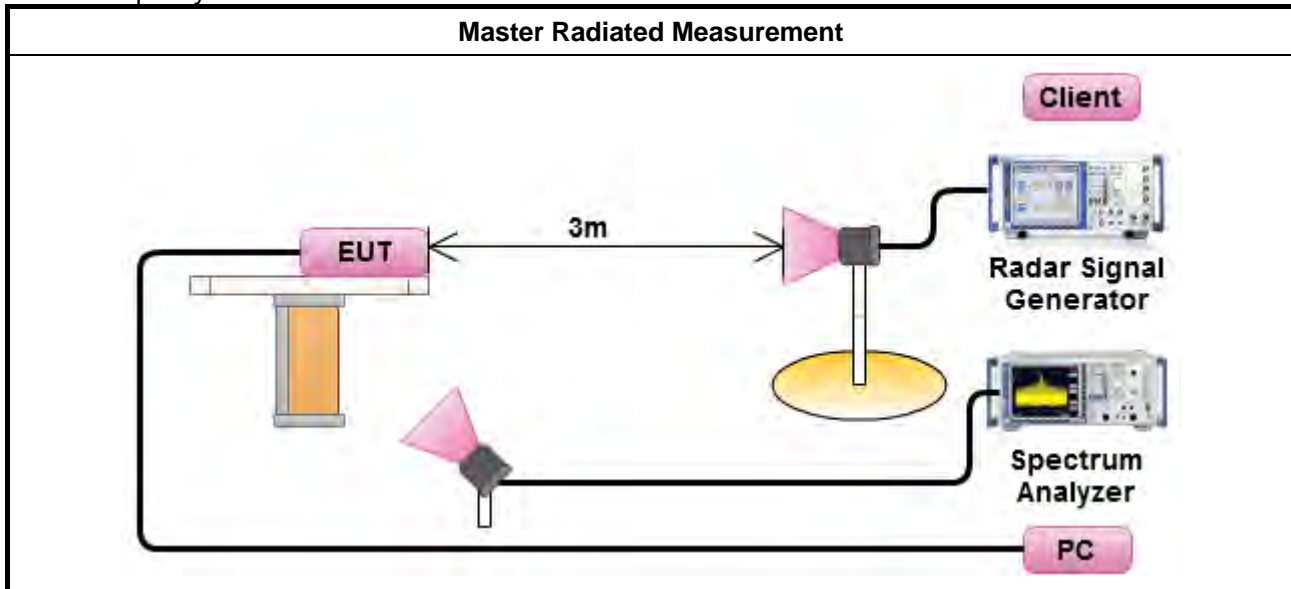
Radar #0 DFS detection threshold level



Date: 5.DEC.2018 23:50:28

### 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.





**EUT Data traffic Plot**      **Modulation Mode: 802.11ac (VHT160)**      **Test Frequency: 5570 MHz**

Spectrum 2    Spectrum 3

Ref Level -13.40 dBm    Offset -3.40 dB    RBW 3 MHz  
Att 0 dB    SWT 12 s    VBW 3 MHz

SGL

IAP Clrw

M1[1]    -29.81 dBm    8.8696 s

CF 5.57 GHz    691 pts    1.2 s/

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	8.8696 s	-29.81 dBm		

Date: 16.NOV.2018 17:14:04

Client Data Traffic Plot

Modulation Mode: 802.11ac (VHT160) Test Frequency: 5570 MHz

Spectrum 2

Ref Level -13.40 dBm Offset -3.40 dB RBW 3 MHz

Att 0 dB SWT 12 s VBW 3 MHz

SGL

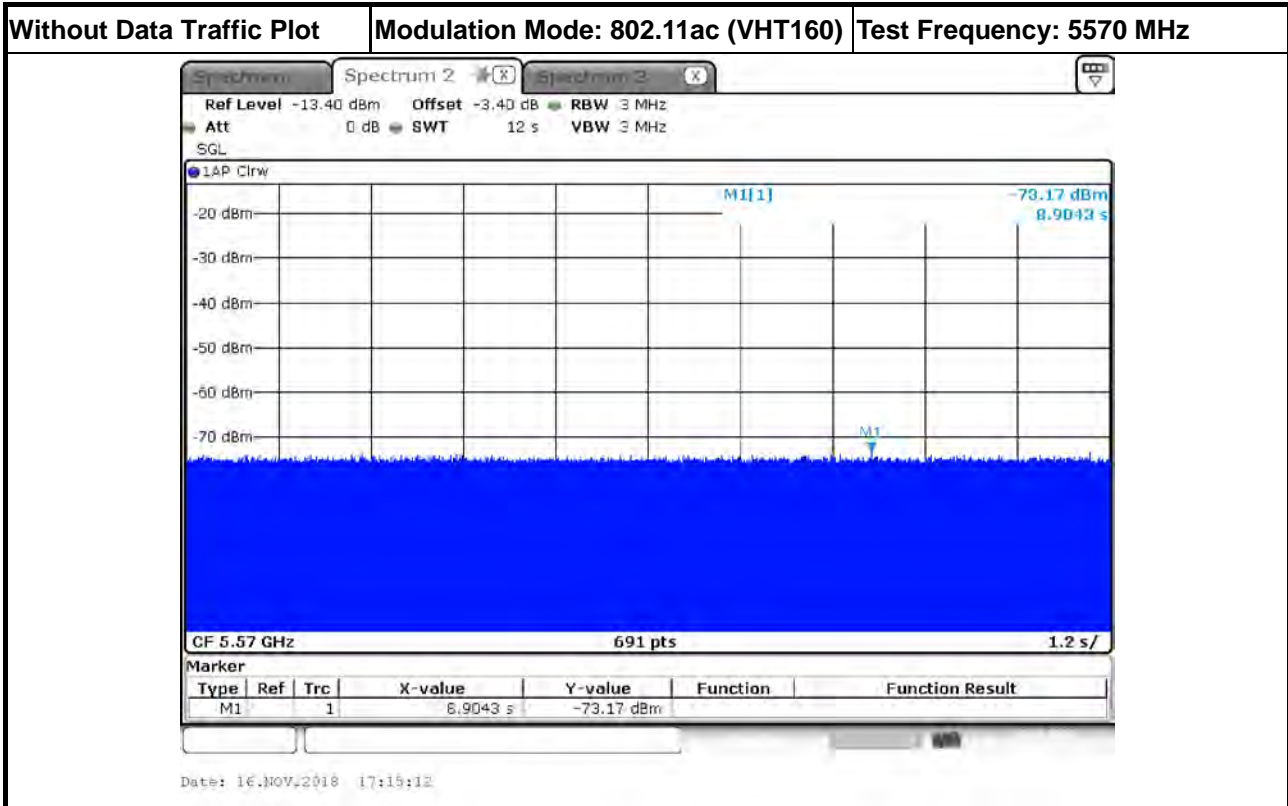
IAP Clrw

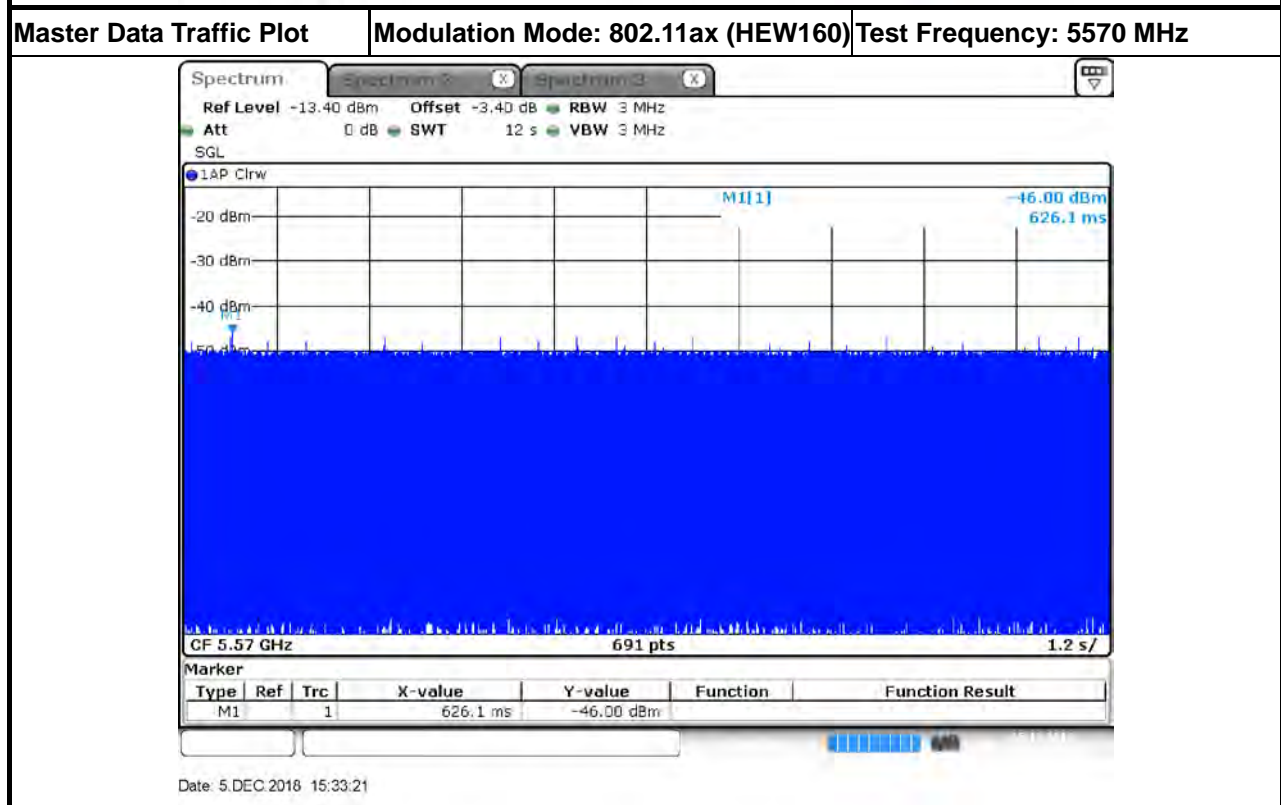
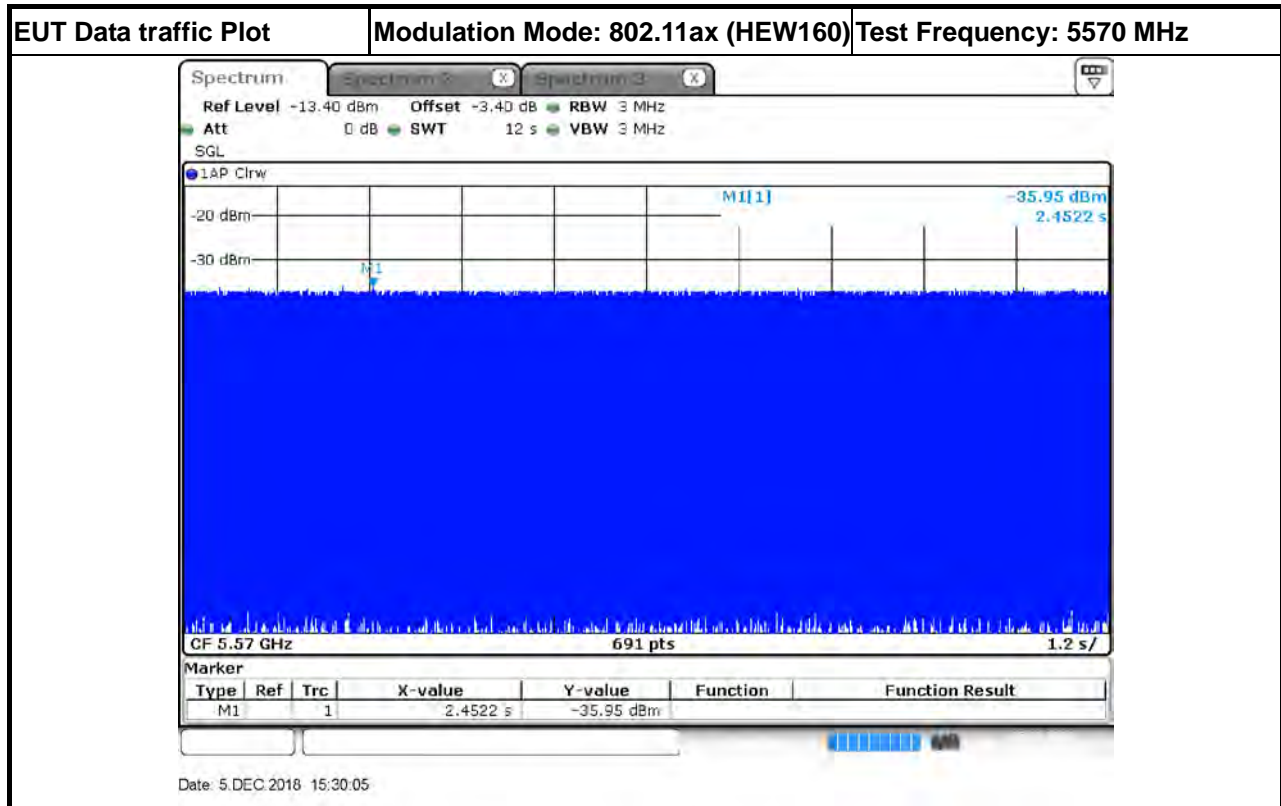
M1[1] -52.00 dBm 8.8696 s

CF 5.57 GHz 691 pts 1.2 s/

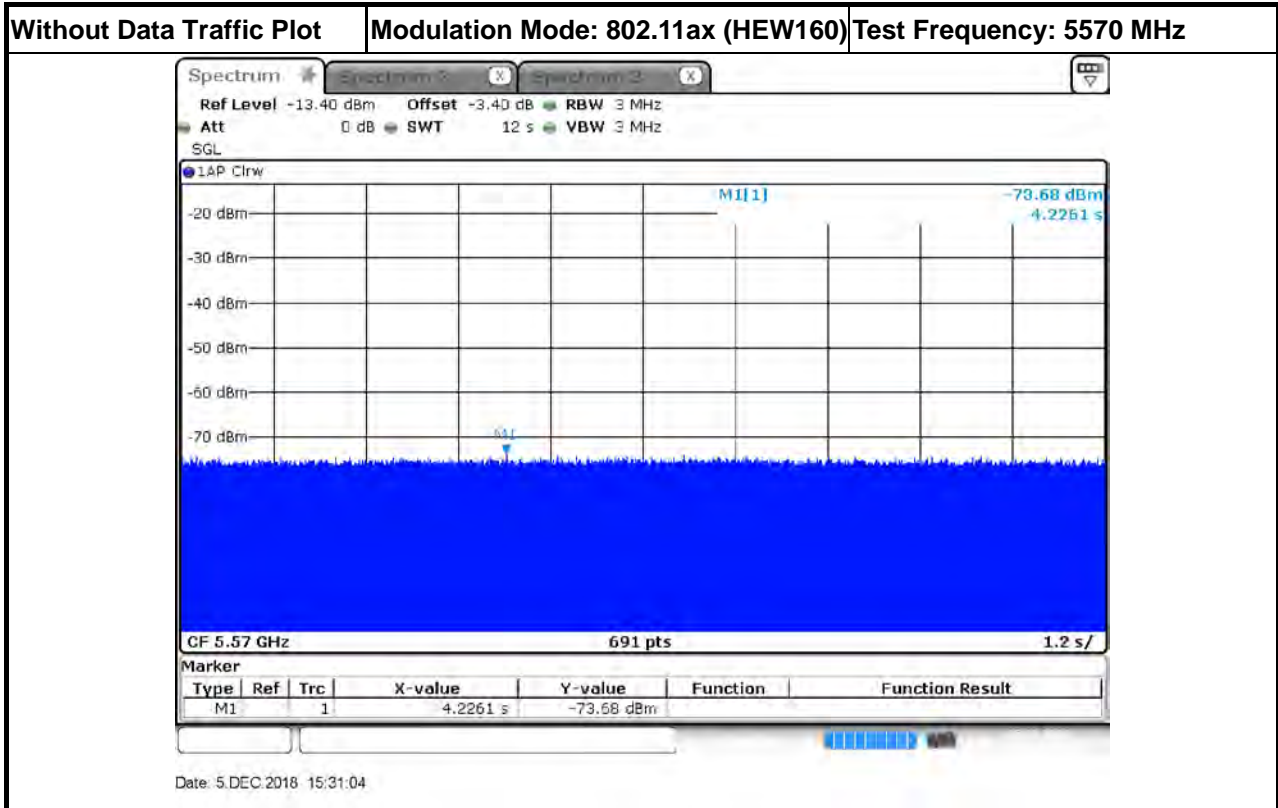
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	8.8696 s	-52.00 dBm		

Date: 16.NOV.2018 17:14:04



**For Client without radar detection:**







### 3.3 UNII Detection Bandwidth

#### 3.3.1 UNII Detection Bandwidth Limit

Channel Bandwidth (MHz)	Frequency (MHz)	99% Occupied Bandwidth (MHz)	UNII Detection Bandwidth Min. Limit (MHz)
802.11ac (VHT20)	5500 MHz	18.417	19
802.11ac (VHT40)	5510 MHz	36.613	37
802.11ac (VHT80)	5530 MHz	76.700	77
802.11ac (VHT160)	5570 MHz	156.295	157
802.11ax (HEW160)	5570 MHz	153.690	154

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 $F_L$ . UNII Detection Bandwidth = $F_H - F_L$ .

**3.3.4 Test Result of UNII Detection Bandwidth**

EUT Frequency=5500 MHz											
Channel Bandwidth (MHz)	802.11ac (VHT20)										
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0
5491(FL)	1	0	1	1	1	1	1	1	1	1	90
5492	1	1	1	1	1	1	1	1	1	1	100
5493	1	1	1	1	1	1	1	1	1	1	100
5494	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	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(FH)	1	1	1	0	1	1	1	1	1	1	90
5511	0	0	0	0	0	0	0	0	0	0	0
Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5510MHz-5491MHz)=											19
UNII Detection Bandwidth Min. Limit (MHz) =											19
<b>Test Result</b>											<b>Complied</b>



EUT Frequency=5510 MHz											
Channel Bandwidth (MHz)	802.11ac (VHT40)										
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0
5491(FL)	1	1	1	1	0	1	1	1	1	1	90
5492	1	1	1	1	1	1	1	1	1	1	100
5493	1	1	1	1	1	1	1	1	1	1	100
5494	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5526	1	1	1	1	1	1	1	1	1	1	100
5527	1	1	1	1	1	1	1	1	1	1	100
5528	1	1	1	1	1	1	1	1	1	1	100
5529(FH)	1	1	1	1	1	1	1	1	1	0	90
5530	0	0	0	0	0	0	0	0	0	0	0
Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5529MHz-5491MHz)=											38
UNII Detection Bandwidth Min. Limit (MHz) =											37
<b>Test Result</b>											<b>Complied</b>



EUT Frequency=5530 MHz											
Channel Bandwidth (MHz)	802.11ac (VHT80)										
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0
5491	0	0	0	0	0	0	0	0	0	0	0
5492(FL)	1	1	1	1	1	1	1	1	1	1	100
5495	1	1	1	1	1	1	1	1	1	1	100
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5567	1	1	1	1	1	1	1	1	1	1	100
5568(FH)	1	1	1	1	1	1	1	1	1	1	100
5569	0	0	0	0	0	0	0	0	0	0	0
5570	0	0	0	0	0	0	0	0	0	0	0
Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5568MHz-5492MHz)=											77
UNII Detection Bandwidth Min. Limit (MHz) =											77
<b>Test Result</b>											<b>Complied</b>



EUT Frequency=5570 MHz											
Channel Bandwidth (MHz)	802.11ac (VHT160)										
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5491	0	0	0	0	0	0	0	0	0	0	0
5492(FL)	1	1	1	1	0	1	1	1	1	1	90
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
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5570	1	1	1	1	1	1	1	1	1	1	100
5575	1	1	1	1	1	1	1	1	1	1	100
5580	1	1	1	1	1	1	1	1	1	1	100
5585	1	1	1	1	1	1	1	1	1	1	100
5590	1	1	1	1	1	1	1	1	1	1	100
5595	1	1	1	1	1	1	1	1	1	1	100
5600	1	1	1	1	1	1	1	1	1	1	100
5605	1	1	1	1	1	1	1	1	1	1	100
5610	1	1	1	1	1	1	1	1	1	1	100
5615	1	1	1	1	1	1	1	1	1	1	100
5620	1	1	1	1	1	1	1	1	1	1	100
5625	1	1	1	1	1	1	1	1	1	1	100
5630	1	1	1	1	1	1	1	1	1	1	100
5635	1	1	1	1	1	1	1	1	1	1	100
5640	1	1	1	1	1	1	1	1	1	1	100
5645	1	1	1	1	1	1	1	1	1	1	100
5646	1	1	1	1	1	1	1	1	1	1	100
5647	1	1	1	1	1	1	1	1	1	1	100
5648	1	1	1	1	1	1	1	1	1	1	100
5649(FH)	1	1	1	1	0	1	1	1	1	1	90
5650	0	0	0	0	0	0	0	0	0	0	0
Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5649MHz-5492MHz)=											157
UNII Detection Bandwidth Min. Limit (MHz) =											157
<b>Test Result</b>											<b>Complied</b>



EUT Frequency=5570 MHz											
Channel Bandwidth (MHz)	802.11ax (HEW160)										
Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5491	0	0	0	0	0	0	0	0	0	0	0
5492(FL)	1	1	1	1	0	1	1	1	1	1	90
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
5500	1	1	1	1	1	1	1	1	1	1	100
5505	1	1	1	1	1	1	1	1	1	1	100
5510	1	1	1	1	1	1	1	1	1	1	100
5515	1	1	1	1	1	1	1	1	1	1	100
5520	1	1	1	1	1	1	1	1	1	1	100
5525	1	1	1	1	1	1	1	1	1	1	100
5530	1	1	1	1	1	1	1	1	1	1	100
5535	1	1	1	1	1	1	1	1	1	1	100
5540	1	1	1	1	1	1	1	1	1	1	100
5545	1	1	1	1	1	1	1	1	1	1	100
5550	1	1	1	1	1	1	1	1	1	1	100
5555	1	1	1	1	1	1	1	1	1	1	100
5560	1	1	1	1	1	1	1	1	1	1	100
5565	1	1	1	1	1	1	1	1	1	1	100
5570	1	1	1	1	1	1	1	1	1	1	100
5575	1	1	1	1	1	1	1	1	1	1	100
5580	1	1	1	1	1	1	1	1	1	1	100
5585	1	1	1	1	1	1	1	1	1	1	100
5590	1	1	1	1	1	1	1	1	1	1	100
5595	1	1	1	1	1	1	1	1	1	1	100
5600	1	1	1	1	1	1	1	1	1	1	100
5605	1	1	1	1	1	1	1	1	1	1	100
5610	1	1	1	1	1	1	1	1	1	1	100
5615	1	1	1	1	1	1	1	1	1	1	100
5620	1	1	1	1	1	1	1	1	1	1	100
5625	1	1	1	1	1	1	1	1	1	1	100
5630	1	1	1	1	1	1	1	1	1	1	100
5635	1	1	1	1	1	1	1	1	1	1	100
5640	1	1	1	1	1	1	1	1	1	1	100
5645	1	1	1	1	1	1	1	1	1	1	100
5646	1	1	1	1	1	1	1	1	1	1	100
5647	1	1	1	1	1	1	1	1	1	1	100
5648(FH)	1	1	1	1	1	1	0	1	1	1	90
5649	0	0	0	0	0	0	0	0	0	0	0
5650	0	0	0	0	0	0	0	0	0	0	0
Radar Type 0-Detection Bandwidth (MHz) = (FH-FL) = (5648MHz-5492MHz)=											156
UNII Detection Bandwidth Min. Limit (MHz) =											154
<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 (VHT160)	5570 MHz	N/A
The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (34.348 sec). The initial CAC time of the EUT is indicated by marker 1 (34.348 sec). Initial beacons/data transmissions are indicated by marker 2 (94.348 sec).		
<div><div><div>Spectrum 1</div><div>Spectrum 2</div><div>Spectrum 3</div></div><div><div>Ref Level -13.40 dBm</div><div>Offset -3.40 dB</div><div>RBW 3 MHz</div></div><div><div>Att 0 dB</div><div>SWT 300 s</div><div>VBW 3 MHz</div></div><div>SGL</div><div><div>1AP Clrw</div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><di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### 3.4.5 Test Result of Radar Burst at the Beginning of the Channel Availability Check Time

Modulation Mode	Freq.	Radar Test Signal																												
802.11ac (VHT160)	5570 MHz	N/A																												
Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 264.783 seconds after the radar Burst has been generated. Verify that during the 300 seconds measurement window no EUT transmissions occurred.																														
<div><div><div><div><div><div>Spectrum 1</div><div>Spectrum 2</div><div>Spectrum 3</div></div><div><div>Ref Level -13.40 dBm</div><div>Offset -3.40 dB</div><div>RBW 3 MHz</div></div><div><div>Att 0 dB</div><div>SWT 300 s</div><div>VBW 3 MHz</div></div><div>SGL</div></div></div><div><div><div>1AP Cirw</div><div><div><div><div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div></div><div><div>M3</div><div>M2</div><div>M1</div></div></div></div><div><div><div>M3[1]</div><div>M1[1]</div></div><div><div>-25.09 dBm</div><div>-68.73 dBm</div><div>-68.73 dBm</div><div>35.217 s</div><div>34.348 s</div></div></div></div></div><div><div>CF 5.57 GHz</div><div>691 pts</div><div>30.0 s/</div></div><div><div>Marker</div><table><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td>1</td><td>34.348 s</td><td>-68.73 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>94.348 s</td><td>-68.80 dBm</td><td></td><td></td></tr><tr><td>M3</td><td></td><td>1</td><td>35.217 s</td><td>-25.09 dBm</td><td></td><td></td></tr></table></div></div><div><div>Date: 16/NOV/2018</div><div>05:59:13</div></div></div></div> <div><div>Test Result</div><div>Complied</div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	34.348 s	-68.73 dBm			M2		1	94.348 s	-68.80 dBm			M3		1	35.217 s	-25.09 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	34.348 s	-68.73 dBm																										
M2		1	94.348 s	-68.80 dBm																										
M3		1	35.217 s	-25.09 dBm																										



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

Modulation Mode	Freq.	Radar Test Signal																												
802.11ac (VHT160)	5570 MHz	N/A																												
Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 206.522 seconds after the radar Burst has been generated. Verify that during the 300 seconds measurement window no EUT transmissions occurred.																														
<div><div><div><div><div>Spectrum 1</div><div>Spectrum 2</div><div>Spectrum 3</div></div><div>Ref Level -13.40 dBm Offset -3.40 dB RBW 3 MHz</div><div>Att 0.0 dB SWT 300 s VBW 3 MHz</div><div>SGL</div></div><div><div>1AP Cirw</div><div><div><div><div><div>-20 dBm</div><div>-30 dBm</div><div>-40 dBm</div><div>-50 dBm</div><div>-60 dBm</div></div><div><div>M3[1]</div><div>M1[1]</div></div><div><div>-25.03 dBm</div><div>93.478 s</div><div>-69.04 dBm</div><div>34.348 s</div></div></div></div><div><div>CF 5.57 GHz</div><div>691 pts</div><div>30.0 s/</div></div><div><div>Marker</div><table><thead><tr><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr></thead><tbody><tr><td>M1</td><td></td><td>1</td><td>34.348 s</td><td>-69.04 dBm</td><td></td><td></td></tr><tr><td>M2</td><td></td><td>1</td><td>54.348 s</td><td>-68.92 dBm</td><td></td><td></td></tr><tr><td>M3</td><td></td><td>1</td><td>93.478 s</td><td>-25.03 dBm</td><td></td><td></td></tr></tbody></table></div></div></div><div>Date: 16/NOV/2018 16:15:21</div></div></div>			Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1		1	34.348 s	-69.04 dBm			M2		1	54.348 s	-68.92 dBm			M3		1	93.478 s	-25.03 dBm		
Type	Ref	Trc	X-value	Y-value	Function	Function Result																								
M1		1	34.348 s	-69.04 dBm																										
M2		1	54.348 s	-68.92 dBm																										
M3		1	93.478 s	-25.03 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

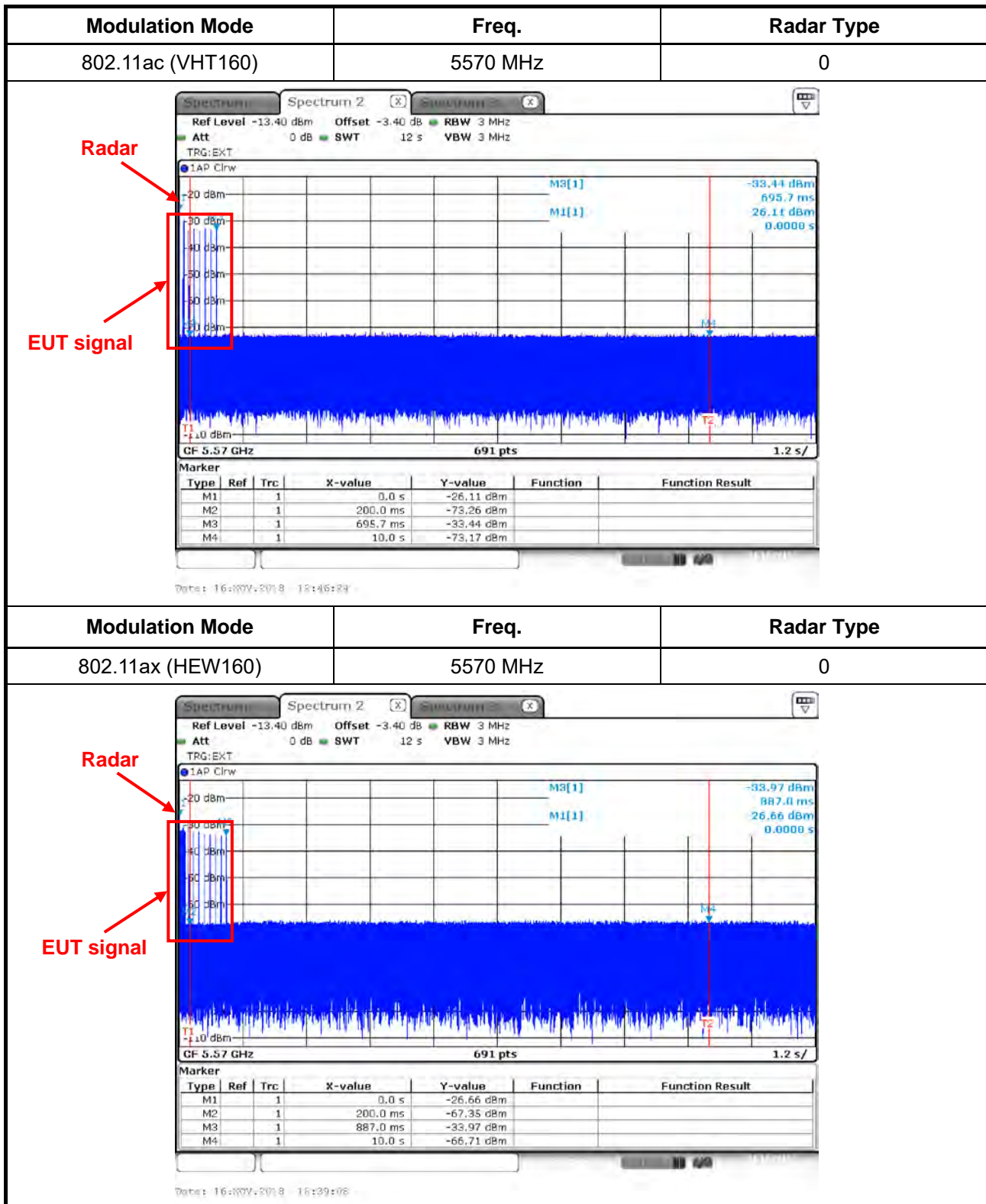
Test Method	
<input checked="" type="checkbox"/>	Verified during In-Service Monitoring; Channel Closing Transmission Time, Channel Move Time. Client Device will associate with the EUT. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 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 12 sec plot needs to be reported for the Short Pulse Radar Types 0. And zoom-in a 60 ms plot verified channel closing time for the aggregate transmission time starting from 200ms after the end of the radar signal to the completion of the channel move.
<input checked="" type="checkbox"/>	Verified during In-Service Monitoring; Non-Occupancy Period. Client Device will associate with the EUT. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds. Measure and record the transmissions from the EUT during the observation time (Non-Occupancy Period). Compare the Non-Occupancy Period limits.

**3.5.4 Test Result of Channel Move Time****For Master (AP Router):****Modulation Mode: 802.11ac (VHT160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Move Time (sec.)	0.695	< 10s

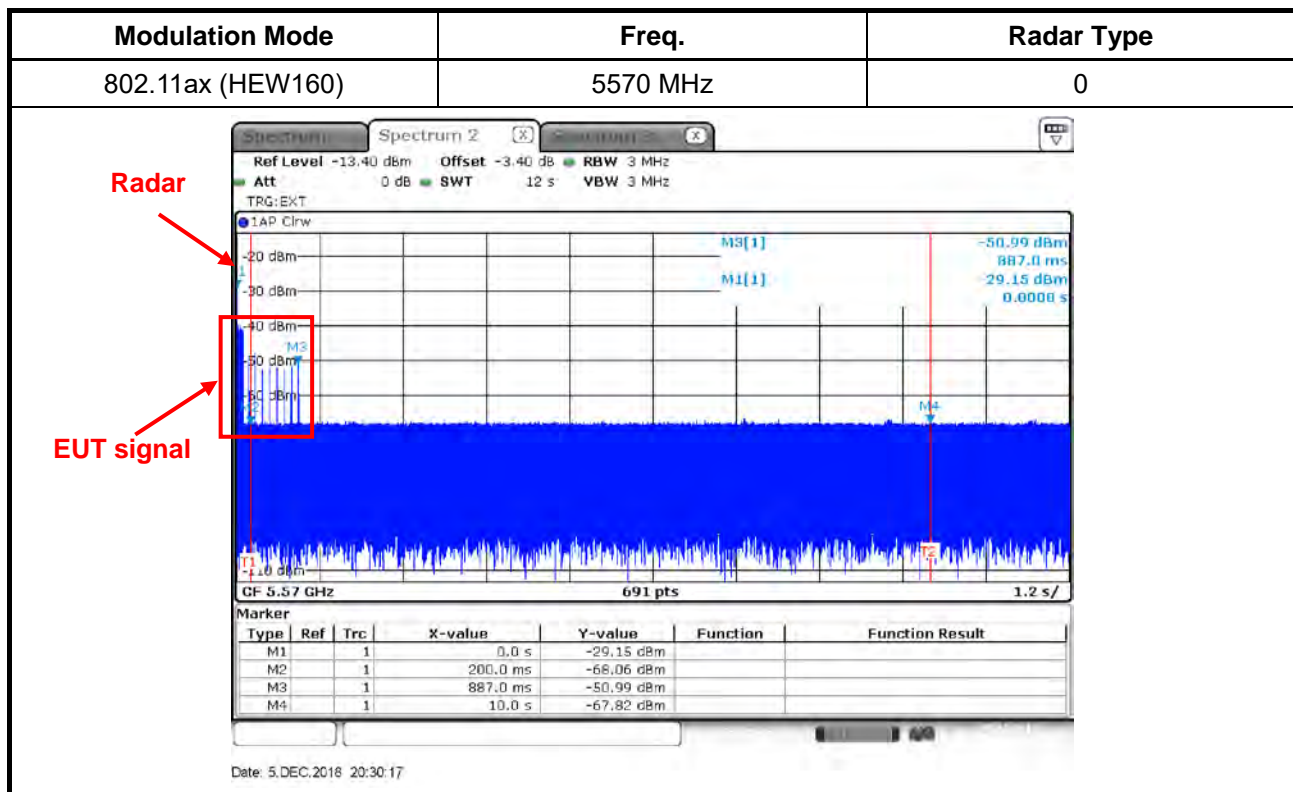
**Modulation Mode: 802.11ax (HEW160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Move Time (sec.)	0.887	< 10s



**For Client without radar detection:****Modulation Mode: 802.11ax (HEW160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Move Time (sec.)	0.887	< 10s







### 3.5.5 Test Result of Channel Closing Transmission Time

For Master (AP Router):

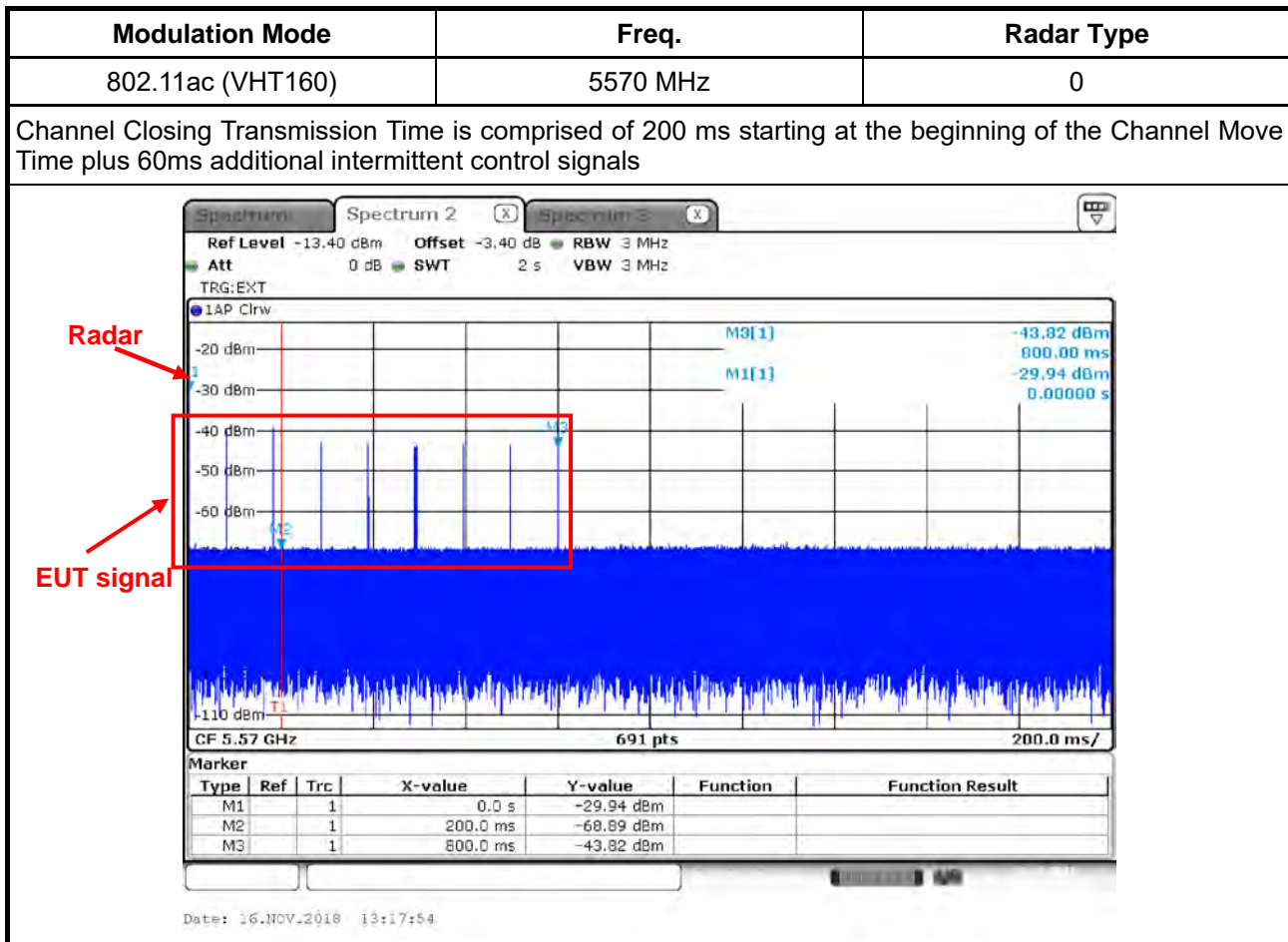
**Modulation Mode: 802.11ac (VHT160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Closing Transmission Time (ms) (Note)	20.289	< 60ms

**Modulation Mode: 802.11ax (HEW160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Closing Transmission Time (ms) (Note)	20.289	< 60ms

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.



Dwell is the dwell time per spectrum analyzer sampling bin.

S is the sweep time

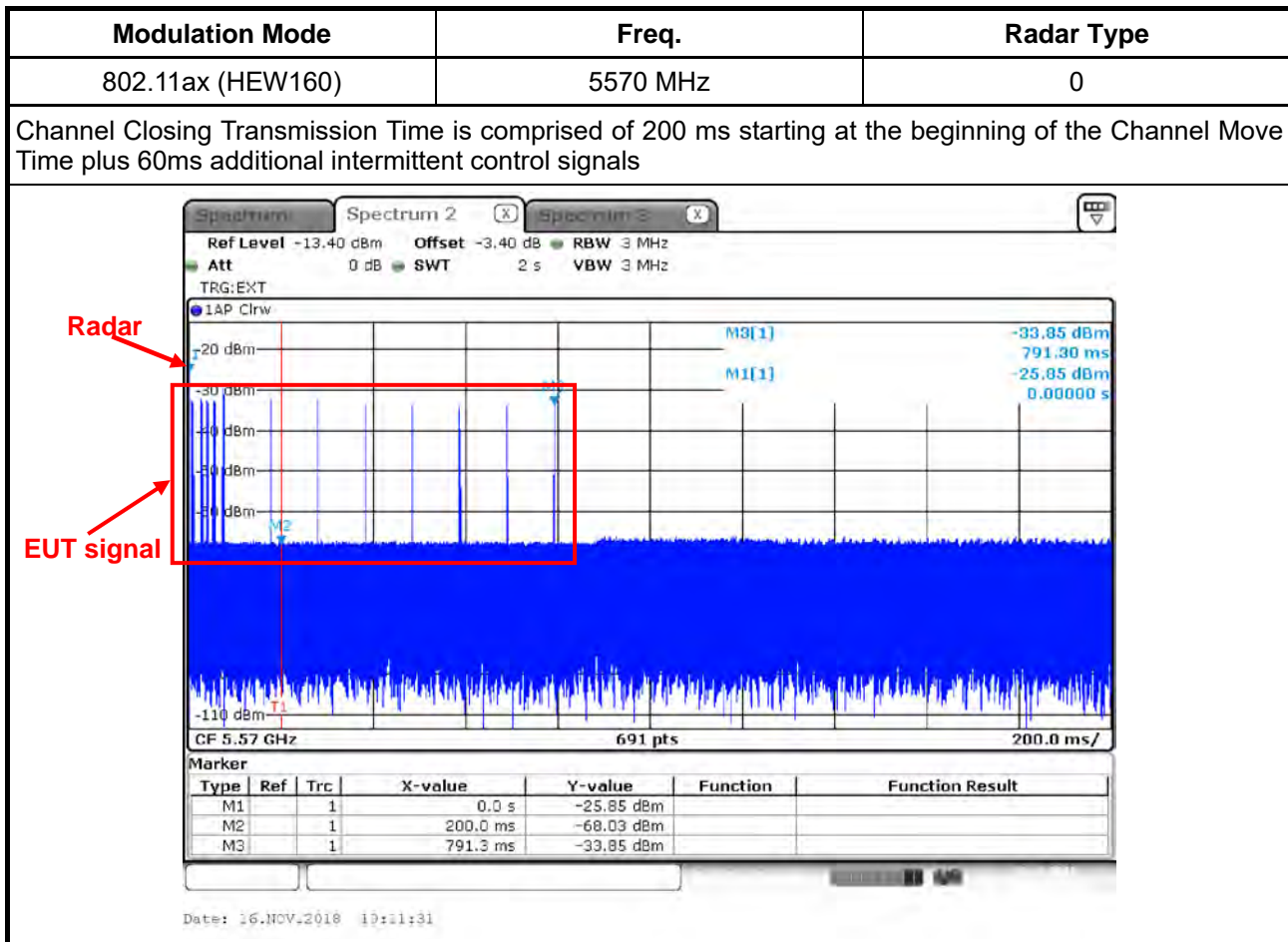
B is the number of spectrum analyzer sampling bins

C is the intermittent control signals of Channel Closing Transmission Time

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

Dwell (2.899 ms)= S (2000 ms) / B (690)

C (20.289 ms) = N (7) X Dwell (2.899 ms)



Dwell is the dwell time per spectrum analyzer sampling bin.

S is the sweep time

B is the number of spectrum analyzer sampling bins

C is the intermittent control signals of Channel Closing Transmission Time

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

Dwell (2.899 ms)= S (2000 ms) / B (690)

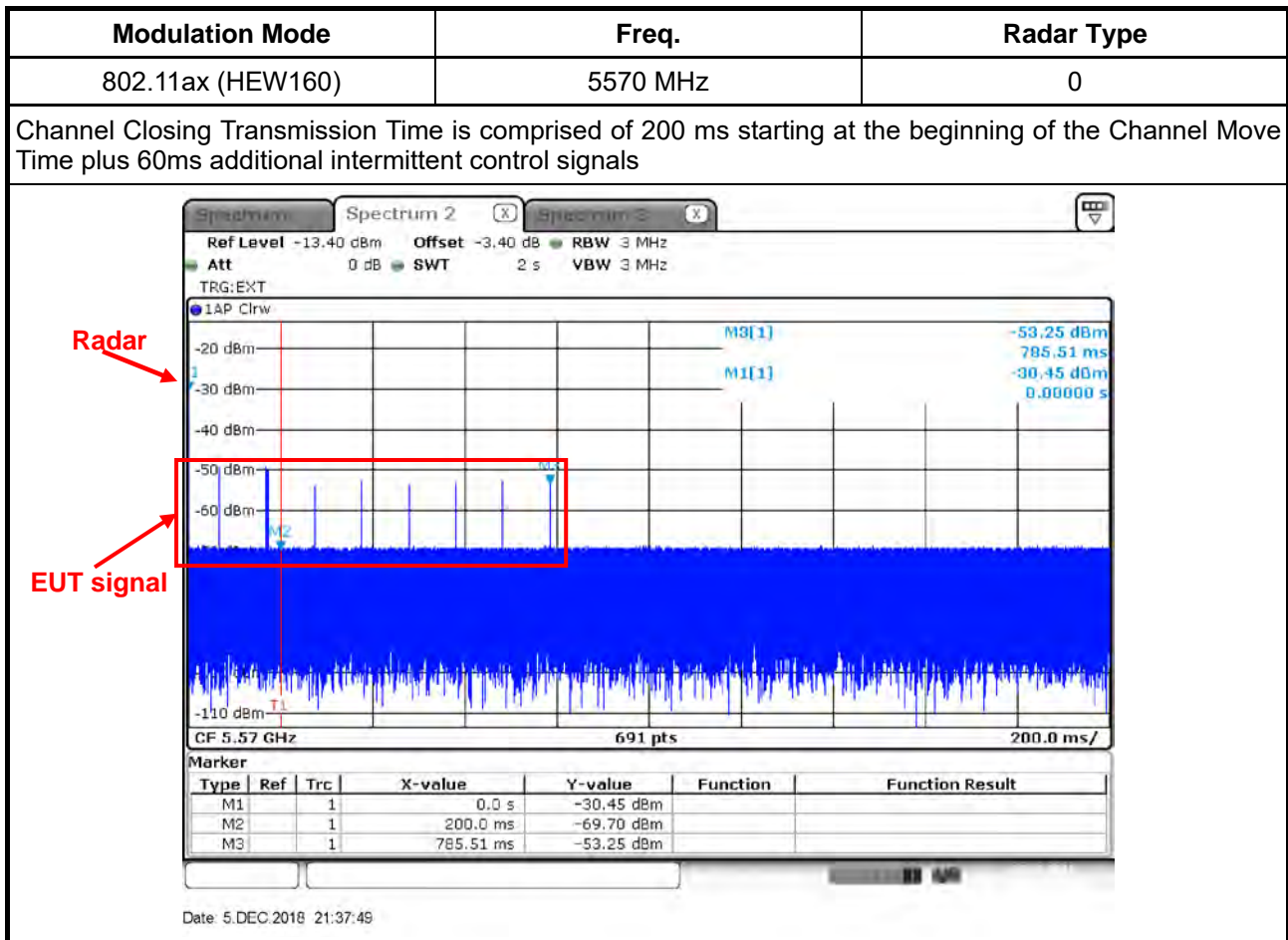
C (20.289 ms) = N (7) X Dwell (2.899 ms)



**For Client without radar detection:  
Modulation Mode: 802.11ax (HEW160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Channel Closing Transmission Time (ms) (Note)	17.391	< 60ms

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.



Dwell is the dwell time per spectrum analyzer sampling bin.

S is the sweep time

B is the number of spectrum analyzer sampling bins

C is the intermittent control signals of Channel Closing Transmission Time

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

Dwell (2.899 ms)= S (2000 ms) / B (690)

C (17.391 ms) = N (6) X Dwell (2.899 ms)

### 3.5.6 Test Result of Non-Occupancy Period

For Master (AP Router):

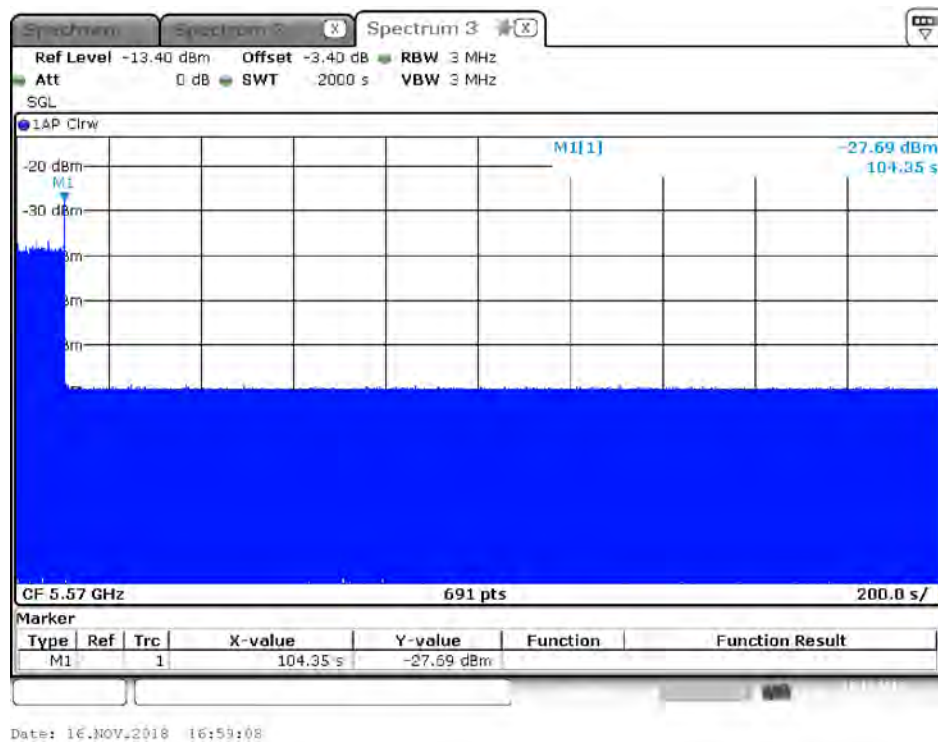
Modulation Mode: 802.11ac (VHT160)

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Non-Occupancy Period (min.)	$\geq 30$	$\geq 30$ min

Modulation Mode	Freq.
802.11ac (VHT160)	5570 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.





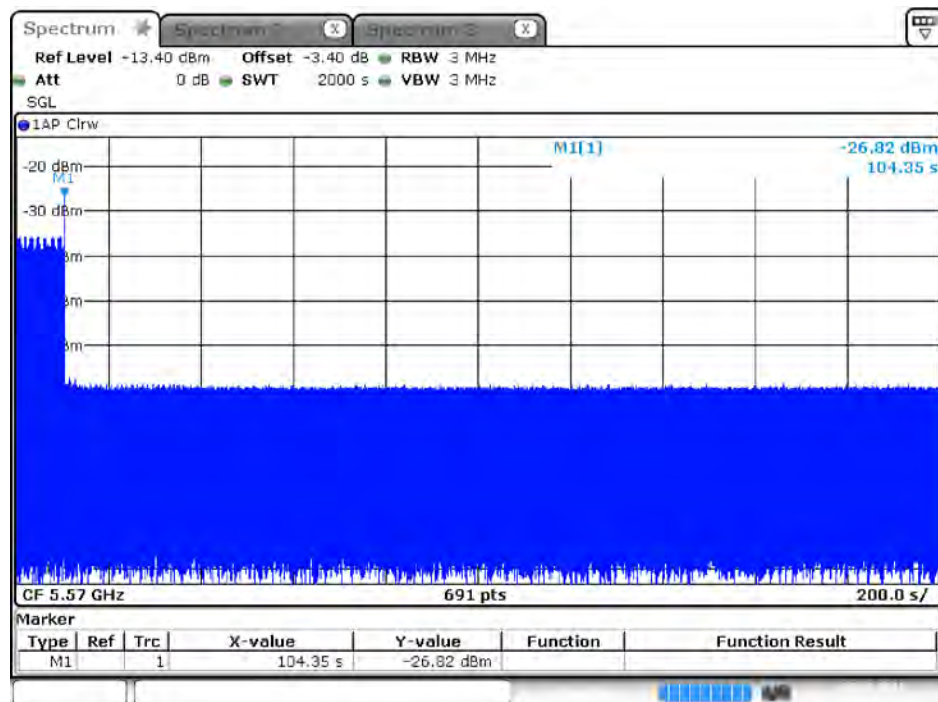
**For Client without radar detection:**  
**Modulation Mode: 802.11ax (HEW160)**

Parameter	Test Result	Limit
	Type 0	
Test Channel (MHz)	5570 MHz	-
Non-Occupancy Period (min.)	$\geq 30$	$\geq 30$ min

Modulation Mode	Freq.
802.11ax (HEW160)	5570 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.



Date: 5.DEC.2018 23:08:06

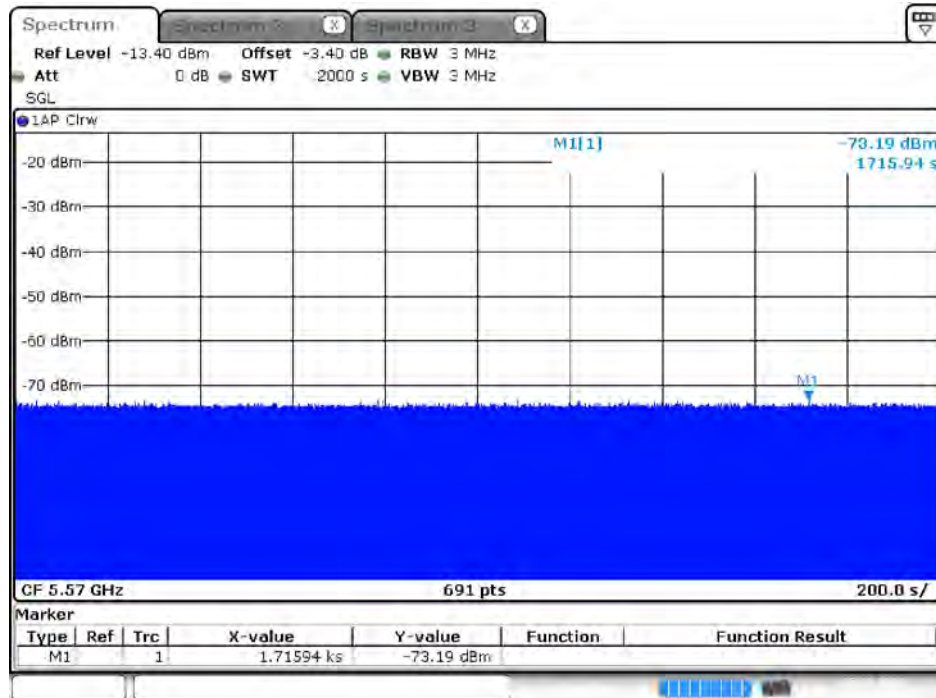




**Non-associated test**

Master was off.

During the 30 minutes observation time, The UUT did not make any transmissions in the DFS band after UUT power up.



Date: 5 DEC 2018 18:28:01



### 3.6 Statistical Performance Check

#### 3.6.1 Statistical Performance Check Limit

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

The percentage of successful detection is calculated by:

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

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

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

#### 3.6.2 Measuring Instruments

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

#### 3.6.3 Test Procedures

Test Method
<input checked="" type="checkbox"/> For Statistical Performance Check test. Demonstrating a minimum channel loading of approximately 17% or greater of the test. Observe the transmissions of the UUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs. Then Observe the transmissions of the UUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs.

**3.6.4 Test Result of Statistical Performance Check**

Modulation Mode: 802.11ac (VHT20)

**Type 1 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulse Per Second)	PRI (us)	1=Detection 0=No Detection
1	5500	1	1930.5	518	1
2	5497	23	326.2	3066	1
3	5506	19	1139.0	878	1
4	5492	12	1355.0	738	1
5	5506	4	1730.1	578	1
6	5502	8	1519.8	658	1
7	5495	15	1253.1	798	1
8	5499	6	1618.1	618	1
9	5500	14	1285.3	778	0
10	5491	3	1792.1	558	1
11	5494	13	1319.3	758	1
12	5500	9	1474.9	678	1
13	5498	7	1567.4	638	1
14	5492	17	1193.3	838	1
15	5506	10	1432.7	698	1
16	5504	-	1692.0	591	1
17	5494	-	328.1	3048	1
18	5500	-	373.4	2678	1
19	5494	-	574.4	1741	1
20	5497	-	1216.5	822	1
21	5510	-	801.3	1248	1
22	5499	-	488.5	2047	1
23	5498	-	956.0	1046	1
24	5496	-	517.6	1932	1
25	5510	-	1422.5	703	1
26	5506	-	542.0	1845	1
27	5503	-	741.3	1349	1
28	5505	-	881.8	1134	1
29	5495	-	427.4	2340	1
30	5500	-	628.9	1590	1
Detection Percentage (%)					96.667
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 0=No Detection</b>
1	5500	2.6	221	23	1
2	5497	4.6	198	27	1
3	5506	1.1	184	29	1
4	5492	4.8	203	24	1
5	5506	2.4	162	25	1
6	5502	3.4	204	28	1
7	5495	2.3	170	27	1
8	5499	3.5	184	23	1
9	5500	4.9	150	27	1
10	5491	4.6	211	29	1
11	5494	2.9	158	23	1
12	5500	2.6	226	27	1
13	5498	1.6	204	26	0
14	5492	3.9	181	25	1
15	5506	4.6	202	24	1
16	5504	4.1	194	27	1
17	5494	2.3	193	28	1
18	5500	3.9	173	29	0
19	5494	4.3	188	23	1
20	5497	1.5	215	26	1
21	5510	4.9	227	27	1
22	5499	1.1	199	23	1
23	5498	4.5	155	29	1
24	5496	4.0	190	27	1
25	5510	2.4	151	23	1
26	5506	2.5	180	28	1
27	5503	2.5	228	23	1
28	5505	2.5	203	25	1
29	5495	1.5	188	25	1
30	5500	1.9	217	24	1
<b>Detection Percentage (%)</b>					<b>93.333</b>
<b>Limit</b>					<b>60%</b>
<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 ; 0=No Detection
1	5500	8.0	205	16	0
2	5497	6.7	382	18	1
3	5506	8.6	418	16	0
4	5492	9.4	351	17	1
5	5506	7.4	383	18	1
6	5502	9.8	232	16	1
7	5495	9.1	377	17	0
8	5499	9.6	457	16	1
9	5500	8.0	471	18	1
10	5491	9.0	304	18	1
11	5494	8.0	316	17	1
12	5500	9.8	325	16	1
13	5498	8.0	409	17	1
14	5492	9.9	200	17	0
15	5506	8.8	458	16	1
16	5504	8.0	232	18	1
17	5494	8.3	250	16	0
18	5500	8.7	270	16	1
19	5494	7.7	350	17	1
20	5497	7.1	230	16	0
21	5510	7.3	416	18	1
22	5499	7.6	498	18	1
23	5498	7.3	286	17	1
24	5496	7.3	287	16	0
25	5510	7.5	462	17	1
26	5506	6.2	300	17	1
27	5503	6.4	323	18	1
28	5505	7.1	420	16	1
29	5495	7.2	395	18	1
30	5500	8.4	377	16	1
Detection Percentage (%)					76.667
Limit					60%
Test Result					Complied

**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 0=No Detection</b>
1	5500	18.0	242	15	1
2	5497	19.9	279	12	1
3	5506	12.9	487	14	0
4	5492	15.0	452	13	1
5	5506	16.3	230	12	1
6	5502	19.8	238	13	0
7	5495	18.2	420	16	1
8	5499	16.3	452	15	1
9	5500	14.2	495	12	0
10	5491	17.8	228	16	1
11	5494	19.1	211	16	0
12	5500	18.4	283	15	1
13	5498	11.8	411	12	0
14	5492	14.2	284	13	1
15	5506	13.9	202	12	1
16	5504	17.8	340	14	1
17	5494	15.6	290	16	0
18	5500	14.6	250	16	1
19	5494	14.4	484	15	0
20	5497	18.9	387	13	1
21	5510	11.1	348	15	0
22	5499	13.8	291	16	1
23	5498	14.3	295	12	1
24	5496	12.5	300	12	1
25	5510	12.5	322	14	1
26	5506	12.5	383	13	1
27	5503	15.7	322	16	0
28	5505	19.8	469	13	1
29	5495	18.6	406	15	1
30	5500	15.9	238	14	1
Detection Percentage (%)					70.000
Limit					60%
Test Result					Complied

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

<b>Radar Type #</b>	<b>Detection Percentage (%)</b>
1	96.667
2	93.333
3	76.667
4	70.000
Aggregate (Radar Types 1-4)	84.167
Limit	80%
<b>Test Result</b>	<b>Complied</b>



**Type 5 Radar Statistical Performance**

Center Freq. (MHz)	Low Edge (MHz)	High Edge (MHz)	VSG Freq. (MHz)	Detection
Trial	Chirp	Offset		
1	5	2	5500	1
2	20	8	5500	1
3	7	2.8	5500	1
4	8	3.2	5500	0
5	9	3.6	5500	1
6	10	4	5500	1
7	11	4.4	5500	1
8	12	4.8	5500	1
9	13	5.2	5500	1
10	14	5.6	5500	1
11	15	6	5497	1
12	16	6.4	5497	1
13	17	6.8	5498	1
14	20	8	5499	1
15	19	7.6	5499	1
16	18	7.2	5498	0
17	17	6.8	5498	1
18	16	6.4	5497	1
19	15	6	5497	1
20	14	5.6	5497	1
21	13	5.2	5504	1
22	12	4.8	5505	1
23	11	4.4	5505	1
24	10	4	5506	1
25	9	3.6	5506	1
26	8	3.2	5506	1
27	18	7.2	5507	1
28	19	7.6	5503	0
29	20	8	5502	0
30	5	2	5502	0
Total				25
Detection Percentage (%)				83%
Limit				80%
<b>Test Result</b>				<b>Complied</b>





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

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



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

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



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

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



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

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



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



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



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



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





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

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



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

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



<b>Trial Number</b>			17			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5598			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	51.2	17	1236	-	740
2	1	71.7	17	-	-	941
3	2	74.7	17	1164	-	370
4	2	50.9	17	1919	-	371
5	2	65.2	17	1206	-	1033
6	2	98	17	1182	-	346
7	2	58.7	17	1612	-	639
8	1	63.8	17	-	-	1056
9	3	86.3	17	1545	1065	205
10	1	94.4	17	-	-	753
11	3	88.5	17	1699	1319	58
Detection Check (1=Detection; 0=No Detection)						1

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



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

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



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

<b>Trial Number</b>			22			
<b>Number of Bursts in Trial</b>			16			
<b>Chirp Center Frequency</b>			5505			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	98.8	12	1439	-	95
2	1	54.5	12	-	-	676
3	2	80.5	12	1360	-	8
4	2	55.9	12	1906	-	373
5	2	72.1	12	1623	-	254
6	2	84.4	12	1604	-	480
7	1	78.5	12	-	-	663
8	1	88	12	-	-	314
9	2	74.7	12	1157	-	596
10	2	97.1	12	1673	-	264
11	1	81.6	12	-	-	740
12	1	83.6	12	-	-	163
13	3	87.6	12	1757	1322	628
14	2	58.5	12	1372	-	132
15	3	91.8	12	1767	1183	106
16	2	58.8	12	1432	-	659
Detection Check (1=Detection; 0=No Detection)						1



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



<b>Trial Number</b>			24			
<b>Number of Bursts in Trial</b>			18			
<b>Chirp Center Frequency</b>			5506			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	83.8	10	1290	1021	536
2	2	66.9	10	1112	-	44
3	3	91	10	1220	1504	611
4	2	86.1	10	1678	-	456
5	3	65.5	10	1928	1222	330
6	1	62.6	10	-	-	297
7	3	68.7	10	1505	1200	351
8	3	59.2	10	1452	1114	230
9	1	73.9	10	-	-	222
10	1	77.2	10	-	-	57
11	2	96.4	10	1357	-	399
12	2	99.9	10	1173	-	299
13	2	99.9	10	1520	-	464
14	1	86.7	10	-	-	294
15	1	92.6	10	-	-	653
16	1	77.1	10	-	-	550
17	2	81.1	10	1664	-	566
18	3	68.4	10	1536	1309	580
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			25			
<b>Number of Bursts in Trial</b>			19			
<b>Chirp Center Frequency</b>			5506			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	68.2	9	1723	1868	471
2	3	83.7	9	1711	1405	368
3	2	69.7	9	1781	-	425
4	1	59.7	9	-	-	440
5	2	96.7	9	1484	-	123
6	2	95.8	9	1319	-	261
7	3	71.3	9	1095	1354	332
8	3	53.2	9	1527	1427	427
9	2	69.5	9	1771	-	397
10	3	63.9	9	1075	1447	67
11	2	93.4	9	1783	-	174
12	2	77.3	9	1564	-	17
13	2	73.1	9	1294	-	216
14	1	77.4	9	-	-	292
15	3	57.2	9	1722	1886	619
16	2	68.7	9	1629	-	233
17	1	60.8	9	-	-	226
18	3	69.7	9	1128	1224	599
19	1	62.2	9	-	-	433
<b>Detection Check (1=Detection; 0=No Detection)</b>						1





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

<b>Trial Number</b>			27			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5507			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	69.1	18	1076	-	1436
2	2	62.1	18	1688	-	22
3	2	94.8	18	1891	-	897
4	1	75.8	18	-	-	1186
5	2	65.4	18	1713	-	589
6	2	97.7	18	1292	-	614
7	3	98.1	18	1670	1711	506
8	2	85.4	18	1672	-	776
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			28			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5503			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	82	19	1233	1713	679
2	3	87.7	19	1554	1123	473
3	2	98.9	19	1518	-	869
4	1	55	19	-	-	719
5	1	93.6	19	-	-	902
6	2	58.7	19	1641	-	1243
7	2	88.7	19	1387	-	410
8	1	60.3	19	-	-	1154
9	1	97.7	19	-	-	512
Detection Check (1=Detection; 0=No Detection)						0

<b>Trial Number</b>			29			
<b>Number of Bursts in Trial</b>			10			
<b>Chirp Center Frequency</b>			5502			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	69.6	20	-	-	1131
2	1	74.5	20	-	-	290
3	1	60.9	20	-	-	895
4	1	74.6	20	-	-	202
5	2	99.3	20	1501	-	139
6	2	95.3	20	1065	-	854
7	2	91.9	20	1722	-	219
8	2	51	20	1285	-	57
9	2	87.7	20	1747	-	141
10	1	87.2	20	-	-	596
Detection Check (1=Detection; 0=No Detection)						0



<b>Trial Number</b>			30			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5502			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	59.9	5	1901	1196	935
2	2	77.1	5	1590	-	1038
3	2	62.7	5	1227	-	690
4	1	77.1	5	-	-	547
5	3	99.8	5	1798	1790	551
6	2	61.5	5	1135	-	876
7	2	77.5	5	1583	-	448
8	2	57.3	5	1890	-	736
9	2	53.5	5	1757	-	362
10	1	66.6	5	-	-	836
11	3	80.7	5	1811	1289	410
<b>Detection Check (1=Detection; 0=No Detection)</b>						0

**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 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	0
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
<b>Detection Percentage (%)</b>					<b>96.667</b>
<b>Limit</b>					<b>70%</b>
<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 Frequency Number</b>	<b>Pulse Repetition Frequency (Pulse Per Second)</b>	<b>PRI (us)</b>	<b>1=Detection 0=No Detection</b>
1	5491	1	1930.5	518	1
2	5523	23	326.2	3066	1
3	5494	19	1139.0	878	1
4	5496	12	1355.0	738	1
5	5525	4	1730.1	578	1
6	5500	8	1519.8	658	1
7	5514	15	1253.1	798	0
8	5509	6	1618.1	618	1
9	5497	14	1285.3	778	0
10	5499	3	1792.1	558	1
11	5504	13	1319.3	758	1
12	5503	9	1474.9	678	1
13	5508	7	1567.4	638	1
14	5529	17	1193.3	838	1
15	5492	10	1432.7	698	1
16	5503	-	1692.0	591	1
17	5523	-	328.1	3048	1
18	5494	-	373.4	2678	0
19	5498	-	574.4	1741	1
20	5526	-	1216.5	822	1
21	5511	-	801.3	1248	1
22	5492	-	488.5	2047	1
23	5500	-	956.0	1046	1
24	5506	-	517.6	1932	0
25	5522	-	1422.5	703	1
26	5522	-	542.0	1845	1
27	5505	-	741.3	1349	1
28	5525	-	881.8	1134	0
29	5495	-	427.4	2340	1
30	5495	-	628.9	1590	1
<b>Detection Percentage (%)</b>					<b>83.333</b>
<b>Limit</b>					<b>60%</b>
<b>Test Result</b>					<b>Complied</b>


**Type 2 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5491	2.6	221	23	1
2	5517	4.6	198	27	1
3	5525	1.1	184	29	1
4	5492	4.8	203	24	1
5	5511	2.4	162	25	1
6	5497	3.4	204	28	1
7	5520	2.3	170	27	1
8	5500	3.5	184	23	1
9	5514	4.9	150	27	1
10	5511	4.6	211	29	1
11	5521	2.9	158	23	0
12	5509	2.6	226	27	1
13	5508	1.6	204	26	1
14	5504	3.9	181	25	1
15	5505	4.6	202	24	0
16	5525	4.1	194	27	1
17	5519	2.3	193	28	1
18	5500	3.9	173	29	1
19	5515	4.3	188	23	1
20	5497	1.5	215	26	1
21	5510	4.9	227	27	1
22	5523	1.1	199	23	0
23	5512	4.5	155	29	1
24	5503	4.0	190	27	1
25	5504	2.4	151	23	1
26	5492	2.5	180	28	1
27	5511	2.5	228	23	1
28	5491	2.5	203	25	0
29	5527	1.5	188	25	1
30	5520	1.9	217	24	1
Detection Percentage (%)					86.667
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 0=No Detection
1	5518	8.0	205	16	1
2	5527	6.7	382	18	1
3	5504	8.6	418	16	1
4	5517	9.4	351	17	1
5	5521	7.4	383	18	1
6	5499	9.8	232	16	1
7	5512	9.1	377	17	0
8	5511	9.6	457	16	1
9	5511	8.0	471	18	0
10	5501	9.0	304	18	1
11	5498	8.0	316	17	1
12	5497	9.8	325	16	1
13	5514	8.0	409	17	1
14	5495	9.9	200	17	1
15	5528	8.8	458	16	1
16	5526	8.0	232	18	1
17	5507	8.3	250	16	1
18	5526	8.7	270	16	1
19	5503	7.7	350	17	0
20	5511	7.1	230	16	1
21	5519	7.3	416	18	1
22	5509	7.6	498	18	1
23	5513	7.3	286	17	1
24	5499	7.3	287	16	1
25	5521	7.5	462	17	1
26	5513	6.2	300	17	1
27	5514	6.4	323	18	1
28	5506	7.1	420	16	1
29	5499	7.2	395	18	0
30	5527	8.4	377	16	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

**Type 4 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Width (us)</b>	<b>PRI (us)</b>	<b>Pulses / Burst</b>	<b>1=Detection 0=No Detection</b>
1	5510	18.0	242	15	1
2	5510	19.9	279	12	1
3	5493	12.9	487	14	1
4	5513	15.0	452	13	1
5	5503	16.3	230	12	1
6	5509	19.8	238	13	1
7	5519	18.2	420	16	0
8	5508	16.3	452	15	1
9	5492	14.2	495	12	1
10	5497	17.8	228	16	0
11	5513	19.1	211	16	1
12	5505	18.4	283	15	0
13	5507	11.8	411	12	1
14	5511	14.2	284	13	1
15	5510	13.9	202	12	1
16	5495	17.8	340	14	1
17	5495	15.6	290	16	1
18	5493	14.6	250	16	1
19	5529	14.4	484	15	1
20	5513	18.9	387	13	1
21	5503	11.1	348	15	1
22	5519	13.8	291	16	1
23	5520	14.3	295	12	0
24	5507	12.5	300	12	1
25	5497	12.5	322	14	1
26	5515	12.5	383	13	1
27	5509	15.7	322	16	1
28	5500	19.8	469	13	0
29	5498	18.6	406	15	1
30	5528	15.9	238	14	0
Detection Percentage (%)					80.000
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	83.333
2	86.667
3	86.667
4	80.000
Aggregate (Radar Types 1-4)	84.167
Limit	80%
<b>Test Result</b>	<b>Complied</b>



**Type 5 Radar Statistical Performance**

Center Freq. (MHz)	Low Edge (MHz)	High Edge (MHz)	VSG Freq. (MHz)	Detection
Trial	Chirp	Offset		
1	5	2	5510	1
2	20	8	5510	1
3	7	2.8	5510	1
4	8	3.2	5510	0
5	9	3.6	5510	1
6	10	4	5510	1
7	11	4.4	5510	1
8	12	4.8	5510	1
9	13	5.2	5510	1
10	14	5.6	5510	1
11	15	6	5497	1
12	16	6.4	5497	1
13	17	6.8	5498	1
14	20	8	5499	1
15	19	7.6	5499	1
16	18	7.2	5498	1
17	17	6.8	5498	1
18	16	6.4	5497	1
19	15	6	5497	1
20	14	5.6	5497	1
21	13	5.2	5523	1
22	12	4.8	5524	1
23	11	4.4	5524	1
24	10	4	5525	1
25	9	3.6	5525	1
26	8	3.2	5525	1
27	18	7.2	5526	1
28	19	7.6	5522	1
29	20	8	5521	1
30	5	2	5521	1
Total				29
Detection Percentage (%)				97%
Limit				80%
Test Result				Complied



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

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



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

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



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

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



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

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



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



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





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



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



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

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



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

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



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

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



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

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



<b>Trial Number</b>			21			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5523			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	85.1	13	-	-	565
2	2	72.5	13	1648	-	211
3	1	67.5	13	-	-	348
4	2	56.1	13	1360	-	156
5	1	71.1	13	-	-	718
6	2	93.1	13	1391	-	400
7	1	56.5	13	-	-	482
8	1	63.8	13	-	-	703
9	2	67.4	13	1727	-	780
10	1	52.3	13	-	-	102
11	3	62.4	13	1228	1715	304
12	2	53.3	13	1630	-	57
13	2	83.1	13	1205	-	768
14	2	93.7	13	1085	-	461
15	2	90.7	13	1297	-	746
Detection Check (1=Detection; 0=No Detection)						1

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



<b>Trial Number</b>			23			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5524			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	96	11	-	-	284
2	2	92.5	11	1241	-	488
3	2	89.5	11	1347	-	76
4	2	74.8	11	1607	-	688
5	2	60.6	11	1523	-	28
6	2	71.5	11	1659	-	383
7	2	71.1	11	1454	-	182
8	1	98.7	11	-	-	20
9	2	85.1	11	1770	-	576
10	2	89.2	11	1086	-	410
11	2	60.7	11	1101	-	458
12	2	75.2	11	1719	-	348
13	2	75.7	11	1799	-	481
14	3	56.7	11	1132	1884	587
15	2	65	11	1885	-	480
16	2	64.6	11	1910	-	195
17	3	69.9	11	1410	1190	396
<b>Detection Check (1=Detection; 0=No Detection)</b>						1





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



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



<b>Trial Number</b>			26			
<b>Number of Bursts in Trial</b>			20			
<b>Chirp Center Frequency</b>			5525			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	80.5	8	-	-	90
2	3	62.6	8	1406	1343	319
3	3	85.6	8	1190	1529	384
4	2	83.9	8	1208	-	567
5	2	92.4	8	1488	-	234
6	2	54	8	1529	-	535
7	3	81.3	8	1501	1812	325
8	1	98.5	8	-	-	532
9	1	85.8	8	-	-	272
10	2	84.7	8	1593	-	182
11	2	83.3	8	1705	-	134
12	2	79.8	8	1567	-	286
13	1	77.9	8	-	-	368
14	3	98.4	8	1510	1569	290
15	2	79.9	8	1588	-	231
16	3	78	8	1140	1353	353
17	3	55.2	8	1700	1327	53
18	3	71.9	8	1081	1224	44
19	1	62	8	-	-	298
20	3	70.5	8	1888	1442	529
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			27			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5526			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	69.1	18	1076	-	1436
2	2	62.1	18	1688	-	22
3	2	94.8	18	1891	-	897
4	1	75.8	18	-	-	1186
5	2	65.4	18	1713	-	589
6	2	97.7	18	1292	-	614
7	3	98.1	18	1670	1711	506
8	2	85.4	18	1672	-	776
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			28			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5522			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	82	19	1233	1713	679
2	3	87.7	19	1554	1123	473
3	2	98.9	19	1518	-	869
4	1	55	19	-	-	719
5	1	93.6	19	-	-	902
6	2	58.7	19	1641	-	1243
7	2	88.7	19	1387	-	410
8	1	60.3	19	-	-	1154
9	1	97.7	19	-	-	512
Detection Check (1=Detection; 0=No Detection)						1

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



<b>Trial Number</b>			30			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5521			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	59.9	5	1901	1196	935
2	2	77.1	5	1590	-	1038
3	2	62.7	5	1227	-	690
4	1	77.1	5	-	-	547
5	3	99.8	5	1798	1790	551
6	2	61.5	5	1135	-	876
7	2	77.5	5	1583	-	448
8	2	57.3	5	1890	-	736
9	2	53.5	5	1757	-	362
10	1	66.6	5	-	-	836
11	3	80.7	5	1811	1289	410
<b>Detection Check (1=Detection; 0=No Detection)</b>						1

**Type 6 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulses / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=No Detection
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 (%)					100.000
Limit					70%
<b>Test Result</b>					<b>Complied</b>

**Modulation Mode: 802.11ac (VHT80)****Type 1 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Repetition Frequency Number</b>	<b>Pulse Repetition Frequency (Pulse Per Second)</b>	<b>PRI (us)</b>	<b>1=Detection 0=No Detection</b>
1	5548	1	1930.5	518	1
2	5493	23	326.2	3066	1
3	5555	19	1139.0	878	1
4	5513	12	1355.0	738	1
5	5530	4	1730.1	578	1
6	5493	8	1519.8	658	0
7	5522	15	1253.1	798	1
8	5560	6	1618.1	618	1
9	5516	14	1285.3	778	1
10	5556	3	1792.1	558	1
11	5542	13	1319.3	758	1
12	5510	9	1474.9	678	0
13	5505	7	1567.4	638	1
14	5547	17	1193.3	838	1
15	5508	10	1432.7	698	1
16	5539	-	1692.0	591	1
17	5492	-	328.1	3048	1
18	5553	-	373.4	2678	1
19	5508	-	574.4	1741	1
20	5495	-	1216.5	822	1
21	5544	-	801.3	1248	1
22	5567	-	488.5	2047	1
23	5498	-	956.0	1046	0
24	5499	-	517.6	1932	1
25	5517	-	1422.5	703	1
26	5566	-	542.0	1845	1
27	5498	-	741.3	1349	1
28	5504	-	881.8	1134	1
29	5565	-	427.4	2340	1
30	5502	-	628.9	1590	1
<b>Detection Percentage (%)</b>					<b>90.000</b>
<b>Limit</b>					<b>60%</b>
<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 0=No Detection</b>
1	5548	2.6	221	23	1
2	5493	4.6	198	27	1
3	5555	1.1	184	29	1
4	5513	4.8	203	24	1
5	5530	2.4	162	25	1
6	5493	3.4	204	28	1
7	5522	2.3	170	27	1
8	5560	3.5	184	23	1
9	5516	4.9	150	27	1
10	5556	4.6	211	29	0
11	5542	2.9	158	23	1
12	5510	2.6	226	27	1
13	5505	1.6	204	26	1
14	5547	3.9	181	25	1
15	5508	4.6	202	24	1
16	5539	4.1	194	27	1
17	5492	2.3	193	28	1
18	5553	3.9	173	29	1
19	5508	4.3	188	23	1
20	5495	1.5	215	26	1
21	5544	4.9	227	27	1
22	5567	1.1	199	23	1
23	5498	4.5	155	29	1
24	5499	4.0	190	27	1
25	5517	2.4	151	23	1
26	5566	2.5	180	28	1
27	5498	2.5	228	23	0
28	5504	2.5	203	25	1
29	5565	1.5	188	25	1
30	5502	1.9	217	24	1
Detection Percentage (%)					93.333
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 0=No Detection
1	5548	8.0	205	16	1
2	5493	6.7	382	18	1
3	5555	8.6	418	16	1
4	5513	9.4	351	17	1
5	5530	7.4	383	18	1
6	5493	9.8	232	16	0
7	5522	9.1	377	17	1
8	5560	9.6	457	16	1
9	5516	8.0	471	18	1
10	5556	9.0	304	18	0
11	5542	8.0	316	17	1
12	5510	9.8	325	16	1
13	5505	8.0	409	17	1
14	5547	9.9	200	17	1
15	5508	8.8	458	16	0
16	5539	8.0	232	18	1
17	5492	8.3	250	16	1
18	5553	8.7	270	16	1
19	5508	7.7	350	17	1
20	5495	7.1	230	16	1
21	5544	7.3	416	18	1
22	5567	7.6	498	18	1
23	5498	7.3	286	17	1
24	5499	7.3	287	16	1
25	5517	7.5	462	17	1
26	5566	6.2	300	17	1
27	5498	6.4	323	18	0
28	5504	7.1	420	16	1
29	5565	7.2	395	18	1
30	5502	8.4	377	16	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

**Type 4 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Width (us)</b>	<b>PRI (us)</b>	<b>Pulses / Burst</b>	<b>1=Detection 0=No Detection</b>
1	5548	18.0	242	15	1
2	5493	19.9	279	12	1
3	5555	12.9	487	14	0
4	5513	15.0	452	13	1
5	5530	16.3	230	12	0
6	5493	19.8	238	13	1
7	5522	18.2	420	16	1
8	5560	16.3	452	15	1
9	5516	14.2	495	12	1
10	5556	17.8	228	16	1
11	5542	19.1	211	16	1
12	5510	18.4	283	15	1
13	5505	11.8	411	12	1
14	5547	14.2	284	13	0
15	5508	13.9	202	12	1
16	5539	17.8	340	14	1
17	5492	15.6	290	16	1
18	5553	14.6	250	16	1
19	5508	14.4	484	15	1
20	5495	18.9	387	13	1
21	5544	11.1	348	15	1
22	5567	13.8	291	16	1
23	5498	14.3	295	12	1
24	5499	12.5	300	12	1
25	5517	12.5	322	14	1
26	5566	12.5	383	13	1
27	5498	15.7	322	16	0
28	5504	19.8	469	13	1
29	5565	18.6	406	15	1
30	5502	15.9	238	14	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

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

<b>Radar Type #</b>	<b>Detection Percentage (%)</b>
1	90.000
2	93.333
3	86.667
4	86.667
Aggregate (Radar Types 1-4)	89.167
Limit	80%
<b>Test Result</b>	<b>Complied</b>



**Type 5 Radar Statistical Performance**

Center Freq. (MHz)	Low Edge (MHz)	High Edge (MHz)	VSG Freq. (MHz)	Detection
Trial	Chirp	Offset		
1	5	2	5530	0
2	20	8	5530	1
3	7	2.8	5530	1
4	8	3.2	5530	1
5	9	3.6	5530	1
6	10	4	5530	1
7	11	4.4	5530	1
8	12	4.8	5530	1
9	13	5.2	5530	1
10	14	5.6	5530	1
11	15	6	5497	1
12	16	6.4	5497	1
13	17	6.8	5498	1
14	20	8	5499	1
15	19	7.6	5499	1
16	18	7.2	5498	1
17	17	6.8	5498	1
18	16	6.4	5497	1
19	15	6	5497	0
20	14	5.6	5497	1
21	13	5.2	5562	1
22	12	4.8	5563	1
23	11	4.4	5563	1
24	10	4	5564	1
25	9	3.6	5564	1
26	8	3.2	5564	1
27	18	7.2	5565	1
28	19	7.6	5561	1
29	20	8	5560	1
30	5	2	5560	0
Total				27
Detection Percentage (%)				90%
Limit				80%
Test Result				Complied



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

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



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

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



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

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



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

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





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



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



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



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



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

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



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

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



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

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



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

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





<b>Trial Number</b>			21			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5562			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	85.1	13	-	-	565
2	2	72.5	13	1648	-	211
3	1	67.5	13	-	-	348
4	2	56.1	13	1360	-	156
5	1	71.1	13	-	-	718
6	2	93.1	13	1391	-	400
7	1	56.5	13	-	-	482
8	1	63.8	13	-	-	703
9	2	67.4	13	1727	-	780
10	1	52.3	13	-	-	102
11	3	62.4	13	1228	1715	304
12	2	53.3	13	1630	-	57
13	2	83.1	13	1205	-	768
14	2	93.7	13	1085	-	461
15	2	90.7	13	1297	-	746
Detection Check (1=Detection; 0=No Detection)						1

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



<b>Trial Number</b>			23			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5563			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	96	11	-	-	284
2	2	92.5	11	1241	-	488
3	2	89.5	11	1347	-	76
4	2	74.8	11	1607	-	688
5	2	60.6	11	1523	-	28
6	2	71.5	11	1659	-	383
7	2	71.1	11	1454	-	182
8	1	98.7	11	-	-	20
9	2	85.1	11	1770	-	576
10	2	89.2	11	1086	-	410
11	2	60.7	11	1101	-	458
12	2	75.2	11	1719	-	348
13	2	75.7	11	1799	-	481
14	3	56.7	11	1132	1884	587
15	2	65	11	1885	-	480
16	2	64.6	11	1910	-	195
17	3	69.9	11	1410	1190	396
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



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



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



<b>Trial Number</b>			26			
<b>Number of Bursts in Trial</b>			20			
<b>Chirp Center Frequency</b>			5564			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	80.5	8	-	-	90
2	3	62.6	8	1406	1343	319
3	3	85.6	8	1190	1529	384
4	2	83.9	8	1208	-	567
5	2	92.4	8	1488	-	234
6	2	54	8	1529	-	535
7	3	81.3	8	1501	1812	325
8	1	98.5	8	-	-	532
9	1	85.8	8	-	-	272
10	2	84.7	8	1593	-	182
11	2	83.3	8	1705	-	134
12	2	79.8	8	1567	-	286
13	1	77.9	8	-	-	368
14	3	98.4	8	1510	1569	290
15	2	79.9	8	1588	-	231
16	3	78	8	1140	1353	353
17	3	55.2	8	1700	1327	53
18	3	71.9	8	1081	1224	44
19	1	62	8	-	-	298
20	3	70.5	8	1888	1442	529
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			27			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5565			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	69.1	18	1076	-	1436
2	2	62.1	18	1688	-	22
3	2	94.8	18	1891	-	897
4	1	75.8	18	-	-	1186
5	2	65.4	18	1713	-	589
6	2	97.7	18	1292	-	614
7	3	98.1	18	1670	1711	506
8	2	85.4	18	1672	-	776
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			28			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5561			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	82	19	1233	1713	679
2	3	87.7	19	1554	1123	473
3	2	98.9	19	1518	-	869
4	1	55	19	-	-	719
5	1	93.6	19	-	-	902
6	2	58.7	19	1641	-	1243
7	2	88.7	19	1387	-	410
8	1	60.3	19	-	-	1154
9	1	97.7	19	-	-	512
Detection Check (1=Detection; 0=No Detection)						1

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



<b>Trial Number</b>			30			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5560			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	59.9	5	1901	1196	935
2	2	77.1	5	1590	-	1038
3	2	62.7	5	1227	-	690
4	1	77.1	5	-	-	547
5	3	99.8	5	1798	1790	551
6	2	61.5	5	1135	-	876
7	2	77.5	5	1583	-	448
8	2	57.3	5	1890	-	736
9	2	53.5	5	1757	-	362
10	1	66.6	5	-	-	836
11	3	80.7	5	1811	1289	410
<b>Detection Check (1=Detection; 0=No Detection)</b>						0

**Type 6 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulses / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=No Detection
1	5530	9	1	333	1
2	5530	9	1	333	1
3	5530	9	1	333	1
4	5530	9	1	333	1
5	5530	9	1	333	1
6	5530	9	1	333	1
7	5530	9	1	333	1
8	5530	9	1	333	1
9	5530	9	1	333	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 (%)					100.000
Limit					70%
<b>Test Result</b>					<b>Complied</b>



**Modulation Mode: 802.11ac (VHT160)****Type 1 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Repetition Frequency Number</b>	<b>Pulse Repetition Frequency (Pulse Per Second)</b>	<b>PRI (us)</b>	<b>1=Detection 0=No Detection</b>
1	5615	1	1930.5	518	1
2	5542	23	326.2	3066	1
3	5571	19	1139.0	878	1
4	5535	12	1355.0	738	1
5	5609	4	1730.1	578	1
6	5538	8	1519.8	658	1
7	5593	15	1253.1	798	1
8	5607	6	1618.1	618	1
9	5530	14	1285.3	778	1
10	5565	3	1792.1	558	0
11	5581	13	1319.3	758	1
12	5637	9	1474.9	678	1
13	5583	7	1567.4	638	1
14	5573	17	1193.3	838	1
15	5605	10	1432.7	698	1
16	5509	-	1692.0	591	1
17	5501	-	328.1	3048	1
18	5521	-	373.4	2678	0
19	5492	-	574.4	1741	1
20	5627	-	1216.5	822	1
21	5520	-	801.3	1248	1
22	5510	-	488.5	2047	1
23	5530	-	956.0	1046	0
24	5568	-	517.6	1932	1
25	5544	-	1422.5	703	1
26	5636	-	542.0	1845	1
27	5516	-	741.3	1349	1
28	5649	-	881.8	1134	1
29	5620	-	427.4	2340	1
30	5604	-	628.9	1590	1
<b>Detection Percentage (%)</b>					<b>90.000</b>
<b>Limit</b>					<b>60%</b>
<b>Test Result</b>					<b>Complied</b>

**Type 2 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5615	2.6	221	23	1
2	5542	4.6	198	27	1
3	5571	1.1	184	29	1
4	5535	4.8	203	24	1
5	5609	2.4	162	25	0
6	5538	3.4	204	28	1
7	5593	2.3	170	27	1
8	5607	3.5	184	23	1
9	5530	4.9	150	27	1
10	5565	4.6	211	29	1
11	5581	2.9	158	23	1
12	5637	2.6	226	27	0
13	5583	1.6	204	26	1
14	5573	3.9	181	25	1
15	5605	4.6	202	24	1
16	5509	4.1	194	27	1
17	5501	2.3	193	28	1
18	5521	3.9	173	29	1
19	5492	4.3	188	23	1
20	5627	1.5	215	26	1
21	5520	4.9	227	27	1
22	5510	1.1	199	23	1
23	5530	4.5	155	29	0
24	5568	4.0	190	27	1
25	5544	2.4	151	23	1
26	5636	2.5	180	28	1
27	5516	2.5	228	23	1
28	5649	2.5	203	25	1
29	5620	1.5	188	25	1
30	5604	1.9	217	24	1
Detection Percentage (%)					90.000
Limit					60%
<b>Test Result</b>					<b>Complied</b>

**Type 3 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5615	8.0	205	16	1
2	5542	6.7	382	18	1
3	5571	8.6	418	16	1
4	5535	9.4	351	17	1
5	5609	7.4	383	18	0
6	5538	9.8	232	16	1
7	5593	9.1	377	17	1
8	5607	9.6	457	16	1
9	5530	8.0	471	18	1
10	5565	9.0	304	18	0
11	5581	8.0	316	17	1
12	5637	9.8	325	16	1
13	5583	8.0	409	17	1
14	5573	9.9	200	17	1
15	5605	8.8	458	16	1
16	5509	8.0	232	18	1
17	5501	8.3	250	16	1
18	5521	8.7	270	16	0
19	5492	7.7	350	17	1
20	5627	7.1	230	16	1
21	5520	7.3	416	18	1
22	5510	7.6	498	18	1
23	5530	7.3	286	17	1
24	5568	7.3	287	16	0
25	5544	7.5	462	17	1
26	5636	6.2	300	17	1
27	5516	6.4	323	18	1
28	5649	7.1	420	16	1
29	5620	7.2	395	18	1
30	5604	8.4	377	16	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

**Type 4 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Width (us)</b>	<b>PRI (us)</b>	<b>Pulses / Burst</b>	<b>1=Detection 0=No Detection</b>
1	5615	18.0	242	15	1
2	5542	19.9	279	12	1
3	5571	12.9	487	14	1
4	5535	15.0	452	13	1
5	5609	16.3	230	12	1
6	5538	19.8	238	13	1
7	5593	18.2	420	16	1
8	5607	16.3	452	15	1
9	5530	14.2	495	12	1
10	5565	17.8	228	16	0
11	5581	19.1	211	16	1
12	5637	18.4	283	15	1
13	5583	11.8	411	12	1
14	5573	14.2	284	13	0
15	5605	13.9	202	12	0
16	5509	17.8	340	14	1
17	5501	15.6	290	16	1
18	5521	14.6	250	16	1
19	5492	14.4	484	15	1
20	5627	18.9	387	13	1
21	5520	11.1	348	15	1
22	5510	13.8	291	16	0
23	5530	14.3	295	12	1
24	5568	12.5	300	12	1
25	5544	12.5	322	14	1
26	5636	12.5	383	13	1
27	5516	15.7	322	16	1
28	5649	19.8	469	13	1
29	5620	18.6	406	15	1
30	5604	15.9	238	14	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

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

<b>Radar Type #</b>	<b>Detection Percentage (%)</b>
1	90.000
2	90.000
3	86.667
4	86.667
Aggregate (Radar Types 1-4)	88.333
Limit	80%
<b>Test Result</b>	<b>Complied</b>



**Type 5 Radar Statistical Performance**

Center Freq. (MHz)	Low Edge (MHz)	High Edge (MHz)	VSG Freq. (MHz)	Detection
Trial	Chirp	Offset		
1	5	2	5570	0
2	20	8	5570	1
3	7	2.8	5570	1
4	8	3.2	5570	1
5	9	3.6	5570	1
6	10	4	5570	1
7	11	4.4	5570	1
8	12	4.8	5570	1
9	13	5.2	5570	1
10	14	5.6	5570	1
11	15	6	5498	1
12	16	6.4	5498	1
13	17	6.8	5499	1
14	20	8	5500	1
15	19	7.6	5500	1
16	18	7.2	5499	1
17	17	6.8	5499	1
18	16	6.4	5498	1
19	15	6	5498	1
20	14	5.6	5498	1
21	13	5.2	5643	1
22	12	4.8	5644	1
23	11	4.4	5644	1
24	10	4	5645	1
25	9	3.6	5645	1
26	8	3.2	5645	1
27	18	7.2	5646	1
28	19	7.6	5642	1
29	20	8	5641	1
30	5	2	5641	0
Total				28
Detection Percentage (%)				93%
Limit				80%
Test Result				Complied



<b>Trial Number</b>			1			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	62.1	5	-	-	1091
2	2	56	5	1729	-	133
3	2	91.3	5	1230	-	1057
4	3	50.7	5	1762	1616	1442
5	2	92.6	5	1723	-	544
6	2	87.3	5	1302	-	1089
7	2	59.5	5	1291	-	1374
8	2	52.2	5	1653	-	1237
Detection Check (1=Detection; 0=No Detection)						0

<b>Trial Number</b>			2			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	90	20	1007	1326	30
2	2	73.7	20	1785	-	979
3	1	78.1	20	-	-	683
4	2	92.4	20	1281	-	950
5	1	61.2	20	-	-	612
6	3	67.2	20	1525	1870	17
7	1	78.5	20	-	-	429
8	2	60.3	20	1931	-	936
9	3	92.9	20	1403	1476	548
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			3			
<b>Number of Bursts in Trial</b>			10			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	63.4	7	1574	1607	801
2	1	98	7	-	-	966
3	1	58.7	7	-	-	185
4	1	88	7	-	-	1012
5	3	79.5	7	1562	1370	943
6	3	57.1	7	1900	1188	686
7	2	64.4	7	1090	-	599
8	1	78.7	7	-	-	1089
9	1	69.3	7	-	-	188
10	3	55.3	7	1375	1691	933
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			4			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.3	8	1642	-	24
2	1	83.1	8	-	-	985
3	2	59.5	8	1680	-	988
4	2	59.8	8	1786	-	800
5	2	77.6	8	1617	-	339
6	2	79.9	8	1553	-	1040
7	1	56	8	-	-	544
8	3	71.4	8	1406	1927	452
9	1	97.4	8	-	-	204
10	2	98.3	8	1037	-	926
11	1	63.6	8	-	-	1052
Detection Check (1=Detection; 0=No Detection)						1





<b>Trial Number</b>			5			
<b>Number of Bursts in Trial</b>			12			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	50	9	-	-	557
2	2	62.5	9	1731	-	567
3	2	55.4	9	1070	-	460
4	1	65.7	9	-	-	4
5	2	58	9	1512	-	64
6	2	60.9	9	1230	-	650
7	3	89.6	9	1598	1738	235
8	3	84.4	9	1271	1617	873
9	3	72.3	9	1498	1321	901
10	1	58.9	9	-	-	663
11	2	74.8	9	1584	-	919
12	1	71.8	9	-	-	375
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			6			
<b>Number of Bursts in Trial</b>			13			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	88.1	10	1257	-	846
2	1	58.7	10	-	-	725
3	2	97.1	10	1037	-	30
4	3	83.1	10	1029	1106	490
5	1	62.1	10	-	-	262
6	2	71.4	10	1058	-	283
7	2	86.3	10	1867	-	49
8	3	77.3	10	1418	1876	634
9	1	78.9	10	-	-	304
10	3	79.2	10	1055	1572	564
11	3	52	10	1582	1836	852
12	3	56.5	10	1195	1542	525
13	3	100	10	1638	1729	750
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			7			
<b>Number of Bursts in Trial</b>			14			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	92.7	11	1208	-	231
2	2	81.3	11	1144	-	804
3	2	60.4	11	1555	-	34
4	2	62.1	11	1320	-	427
5	1	50	11	-	-	577
6	3	65.9	11	1020	1365	3
7	2	73.8	11	1308	-	51
8	2	74.3	11	1143	-	360
9	1	62.9	11	-	-	394
10	2	74.8	11	1404	-	317
11	2	69.7	11	1309	-	532
12	2	69.8	11	1688	-	339
13	2	77.4	11	1857	-	381
14	1	55.1	11	-	-	426
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			8			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	91.7	12	-	-	776
2	2	90	12	1196	-	187
3	3	92.3	12	1486	1853	448
4	2	66.8	12	1545	-	702
5	1	64	12	-	-	403
6	3	95.4	12	1123	1473	230
7	3	66.8	12	1867	1401	604
8	3	67.7	12	1472	1397	38
9	1	68.2	12	-	-	735
10	2	82.2	12	1297	-	610
11	1	92.1	12	-	-	618
12	2	57	12	1764	-	705
13	2	58.5	12	1310	-	22
14	3	85.5	12	1630	1447	641
15	2	82.2	12	1371	-	109
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			9			
<b>Number of Bursts in Trial</b>			16			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.4	13	1707	-	442
2	2	63.6	13	1725	-	280
3	2	71.3	13	1704	-	459
4	3	77.6	13	1063	1405	197
5	3	65.2	13	1731	1294	101
6	3	55.1	13	1109	1549	17
7	2	96.8	13	1034	-	131
8	3	80.8	13	1533	1051	365
9	1	60.4	13	-	-	222
10	2	61.8	13	1312	-	371
11	2	71.3	13	1657	-	33
12	2	98.1	13	1024	-	291
13	1	57.9	13	-	-	188
14	1	91.8	13	-	-	163
15	2	56.7	13	1259	-	426
16	2	89.7	13	1690	-	606
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			10			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.4	14	1107	-	462
2	1	87.6	14	-	-	653
3	2	61.7	14	1741	-	457
4	2	57.5	14	1566	-	388
5	2	66.1	14	1855	-	63
6	3	70.1	14	1044	1012	136
7	1	66.4	14	-	-	343
8	1	59.2	14	-	-	349
9	2	88.3	14	1240	-	362
10	1	64.7	14	-	-	221
11	2	73	14	1703	-	144
12	2	81.7	14	1450	-	671
13	3	70.1	14	1741	1278	320
14	1	63.6	14	-	-	196
15	1	58.7	14	-	-	413
16	2	65.9	14	1478	-	170
17	1	72.7	14	-	-	564
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



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



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



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

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



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

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





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

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



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

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



<b>Trial Number</b>			21			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5643			
Burst	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (us)	Pulse 2-to-3 Spacing (us)	Starting Location Within Interval (ms)
1	1	85.1	13	-	-	565
2	2	72.5	13	1648	-	211
3	1	67.5	13	-	-	348
4	2	56.1	13	1360	-	156
5	1	71.1	13	-	-	718
6	2	93.1	13	1391	-	400
7	1	56.5	13	-	-	482
8	1	63.8	13	-	-	703
9	2	67.4	13	1727	-	780
10	1	52.3	13	-	-	102
11	3	62.4	13	1228	1715	304
12	2	53.3	13	1630	-	57
13	2	83.1	13	1205	-	768
14	2	93.7	13	1085	-	461
15	2	90.7	13	1297	-	746
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			22			
<b>Number of Bursts in Trial</b>			16			
<b>Chirp Center Frequency</b>			5644			
Burst	No. of Pulses	Pulse Width (us)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (us)	Pulse 2-to-3 Spacing (us)	Starting Location Within Interval (ms)
1	2	98.8	12	1439	-	95
2	1	54.5	12	-	-	676
3	2	80.5	12	1360	-	8
4	2	55.9	12	1906	-	373
5	2	72.1	12	1623	-	254
6	2	84.4	12	1604	-	480
7	1	78.5	12	-	-	663
8	1	88	12	-	-	314
9	2	74.7	12	1157	-	596
10	2	97.1	12	1673	-	264
11	1	81.6	12	-	-	740
12	1	83.6	12	-	-	163
13	3	87.6	12	1757	1322	628
14	2	58.5	12	1372	-	132
15	3	91.8	12	1767	1183	106
16	2	58.8	12	1432	-	659
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			23			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5644			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	96	11	-	-	284
2	2	92.5	11	1241	-	488
3	2	89.5	11	1347	-	76
4	2	74.8	11	1607	-	688
5	2	60.6	11	1523	-	28
6	2	71.5	11	1659	-	383
7	2	71.1	11	1454	-	182
8	1	98.7	11	-	-	20
9	2	85.1	11	1770	-	576
10	2	89.2	11	1086	-	410
11	2	60.7	11	1101	-	458
12	2	75.2	11	1719	-	348
13	2	75.7	11	1799	-	481
14	3	56.7	11	1132	1884	587
15	2	65	11	1885	-	480
16	2	64.6	11	1910	-	195
17	3	69.9	11	1410	1190	396
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			24			
<b>Number of Bursts in Trial</b>			18			
<b>Chirp Center Frequency</b>			5645			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	83.8	10	1290	1021	536
2	2	66.9	10	1112	-	44
3	3	91	10	1220	1504	611
4	2	86.1	10	1678	-	456
5	3	65.5	10	1928	1222	330
6	1	62.6	10	-	-	297
7	3	68.7	10	1505	1200	351
8	3	59.2	10	1452	1114	230
9	1	73.9	10	-	-	222
10	1	77.2	10	-	-	57
11	2	96.4	10	1357	-	399
12	2	99.9	10	1173	-	299
13	2	99.9	10	1520	-	464
14	1	86.7	10	-	-	294
15	1	92.6	10	-	-	653
16	1	77.1	10	-	-	550
17	2	81.1	10	1664	-	566
18	3	68.4	10	1536	1309	580
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			25			
<b>Number of Bursts in Trial</b>			19			
<b>Chirp Center Frequency</b>			5645			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	68.2	9	1723	1868	471
2	3	83.7	9	1711	1405	368
3	2	69.7	9	1781	-	425
4	1	59.7	9	-	-	440
5	2	96.7	9	1484	-	123
6	2	95.8	9	1319	-	261
7	3	71.3	9	1095	1354	332
8	3	53.2	9	1527	1427	427
9	2	69.5	9	1771	-	397
10	3	63.9	9	1075	1447	67
11	2	93.4	9	1783	-	174
12	2	77.3	9	1564	-	17
13	2	73.1	9	1294	-	216
14	1	77.4	9	-	-	292
15	3	57.2	9	1722	1886	619
16	2	68.7	9	1629	-	233
17	1	60.8	9	-	-	226
18	3	69.7	9	1128	1224	599
19	1	62.2	9	-	-	433
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			26			
<b>Number of Bursts in Trial</b>			20			
<b>Chirp Center Frequency</b>			5645			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	80.5	8	-	-	90
2	3	62.6	8	1406	1343	319
3	3	85.6	8	1190	1529	384
4	2	83.9	8	1208	-	567
5	2	92.4	8	1488	-	234
6	2	54	8	1529	-	535
7	3	81.3	8	1501	1812	325
8	1	98.5	8	-	-	532
9	1	85.8	8	-	-	272
10	2	84.7	8	1593	-	182
11	2	83.3	8	1705	-	134
12	2	79.8	8	1567	-	286
13	1	77.9	8	-	-	368
14	3	98.4	8	1510	1569	290
15	2	79.9	8	1588	-	231
16	3	78	8	1140	1353	353
17	3	55.2	8	1700	1327	53
18	3	71.9	8	1081	1224	44
19	1	62	8	-	-	298
20	3	70.5	8	1888	1442	529
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			27			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5646			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	69.1	18	1076	-	1436
2	2	62.1	18	1688	-	22
3	2	94.8	18	1891	-	897
4	1	75.8	18	-	-	1186
5	2	65.4	18	1713	-	589
6	2	97.7	18	1292	-	614
7	3	98.1	18	1670	1711	506
8	2	85.4	18	1672	-	776
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			28			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5642			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	82	19	1233	1713	679
2	3	87.7	19	1554	1123	473
3	2	98.9	19	1518	-	869
4	1	55	19	-	-	719
5	1	93.6	19	-	-	902
6	2	58.7	19	1641	-	1243
7	2	88.7	19	1387	-	410
8	1	60.3	19	-	-	1154
9	1	97.7	19	-	-	512
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			29			
<b>Number of Bursts in Trial</b>			10			
<b>Chirp Center Frequency</b>			5641			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	69.6	20	-	-	1131
2	1	74.5	20	-	-	290
3	1	60.9	20	-	-	895
4	1	74.6	20	-	-	202
5	2	99.3	20	1501	-	139
6	2	95.3	20	1065	-	854
7	2	91.9	20	1722	-	219
8	2	51	20	1285	-	57
9	2	87.7	20	1747	-	141
10	1	87.2	20	-	-	596
Detection Check (1=Detection; 0=No Detection)						1





<b>Trial Number</b>			30			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5641			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	59.9	5	1901	1196	935
2	2	77.1	5	1590	-	1038
3	2	62.7	5	1227	-	690
4	1	77.1	5	-	-	547
5	3	99.8	5	1798	1790	551
6	2	61.5	5	1135	-	876
7	2	77.5	5	1583	-	448
8	2	57.3	5	1890	-	736
9	2	53.5	5	1757	-	362
10	1	66.6	5	-	-	836
11	3	80.7	5	1811	1289	410
<b>Detection Check (1=Detection; 0=No Detection)</b>						0

**Type 6 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulses / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=No Detection
1	5570	9	1	333	1
2	5570	9	1	333	1
3	5570	9	1	333	1
4	5570	9	1	333	1
5	5570	9	1	333	1
6	5570	9	1	333	1
7	5570	9	1	333	1
8	5570	9	1	333	1
9	5570	9	1	333	1
10	5570	9	1	333	1
11	5570	9	1	333	1
12	5570	9	1	333	1
13	5570	9	1	333	1
14	5570	9	1	333	1
15	5570	9	1	333	1
16	5570	9	1	333	1
17	5570	9	1	333	1
18	5570	9	1	333	1
19	5570	9	1	333	1
20	5570	9	1	333	1
21	5570	9	1	333	1
22	5570	9	1	333	1
23	5570	9	1	333	0
24	5570	9	1	333	1
25	5570	9	1	333	1
26	5570	9	1	333	1
27	5570	9	1	333	1
28	5570	9	1	333	1
29	5570	9	1	333	1
30	5570	9	1	333	1
Detection Percentage (%)					96.667
Limit					70%
<b>Test Result</b>					<b>Complied</b>

**Modulation Mode: 802.11ax (HEW160)****Type 1 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Repetition Frequency Number</b>	<b>Pulse Repetition Frequency (Pulse Per Second)</b>	<b>PRI (us)</b>	<b>1=Detection 0=No Detection</b>
1	5555	1	1930.5	518	1
2	5604	23	326.2	3066	1
3	5577	19	1139.0	878	1
4	5598	12	1355.0	738	1
5	5582	4	1730.1	578	0
6	5613	8	1519.8	658	1
7	5550	15	1253.1	798	1
8	5548	6	1618.1	618	1
9	5605	14	1285.3	778	1
10	5550	3	1792.1	558	1
11	5557	13	1319.3	758	1
12	5616	9	1474.9	678	1
13	5600	7	1567.4	638	1
14	5622	17	1193.3	838	0
15	5604	10	1432.7	698	1
16	5614	-	1692.0	591	1
17	5507	-	328.1	3048	1
18	5506	-	373.4	2678	1
19	5500	-	574.4	1741	1
20	5562	-	1216.5	822	1
21	5554	-	801.3	1248	1
22	5511	-	488.5	2047	1
23	5631	-	956.0	1046	1
24	5582	-	517.6	1932	0
25	5493	-	1422.5	703	1
26	5624	-	542.0	1845	1
27	5497	-	741.3	1349	1
28	5601	-	881.8	1134	1
29	5643	-	427.4	2340	1
30	5648	-	628.9	1590	1
<b>Detection Percentage (%)</b>					<b>90.000</b>
<b>Limit</b>					<b>60%</b>
<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 0=No Detection</b>
1	5597	2.6	221	23	1
2	5513	4.6	198	27	1
3	5538	1.1	184	29	1
4	5585	4.8	203	24	1
5	5589	2.4	162	25	1
6	5645	3.4	204	28	1
7	5551	2.3	170	27	1
8	5548	3.5	184	23	1
9	5582	4.9	150	27	1
10	5510	4.6	211	29	1
11	5625	2.9	158	23	1
12	5639	2.6	226	27	1
13	5614	1.6	204	26	1
14	5558	3.9	181	25	1
15	5576	4.6	202	24	1
16	5573	4.1	194	27	1
17	5574	2.3	193	28	1
18	5641	3.9	173	29	1
19	5576	4.3	188	23	0
20	5593	1.5	215	26	1
21	5591	4.9	227	27	1
22	5536	1.1	199	23	1
23	5589	4.5	155	29	1
24	5575	4.0	190	27	1
25	5545	2.4	151	23	1
26	5555	2.5	180	28	1
27	5562	2.5	228	23	1
28	5515	2.5	203	25	1
29	5508	1.5	188	25	1
30	5556	1.9	217	24	0
Detection Percentage (%)					93.333
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 0=No Detection
1	5642	8.0	205	16	1
2	5505	6.7	382	18	1
3	5594	8.6	418	16	1
4	5588	9.4	351	17	1
5	5495	7.4	383	18	1
6	5521	9.8	232	16	1
7	5569	9.1	377	17	1
8	5499	9.6	457	16	1
9	5592	8.0	471	18	1
10	5494	9.0	304	18	1
11	5534	8.0	316	17	1
12	5576	9.8	325	16	0
13	5613	8.0	409	17	1
14	5645	9.9	200	17	1
15	5523	8.8	458	16	1
16	5501	8.0	232	18	1
17	5509	8.3	250	16	1
18	5640	8.7	270	16	1
19	5530	7.7	350	17	0
20	5551	7.1	230	16	1
21	5583	7.3	416	18	1
22	5585	7.6	498	18	1
23	5534	7.3	286	17	1
24	5638	7.3	287	16	0
25	5580	7.5	462	17	1
26	5516	6.2	300	17	1
27	5616	6.4	323	18	0
28	5612	7.1	420	16	1
29	5512	7.2	395	18	1
30	5523	8.4	377	16	1
Detection Percentage (%)					86.667
Limit					60%
<b>Test Result</b>					<b>Complied</b>

**Type 4 Radar Statistical Performance**

<b>Trial #</b>	<b>Test Freq. (MHz)</b>	<b>Pulse Width (us)</b>	<b>PRI (us)</b>	<b>Pulses / Burst</b>	<b>1=Detection 0=No Detection</b>
1	5555	18.0	242	15	1
2	5604	19.9	279	12	1
3	5577	12.9	487	14	1
4	5598	15.0	452	13	1
5	5582	16.3	230	12	1
6	5613	19.8	238	13	1
7	5550	18.2	420	16	1
8	5548	16.3	452	15	1
9	5605	14.2	495	12	1
10	5550	17.8	228	16	1
11	5557	19.1	211	16	1
12	5616	18.4	283	15	0
13	5600	11.8	411	12	1
14	5622	14.2	284	13	1
15	5604	13.9	202	12	1
16	5614	17.8	340	14	1
17	5507	15.6	290	16	1
18	5506	14.6	250	16	1
19	5500	14.4	484	15	1
20	5562	18.9	387	13	1
21	5554	11.1	348	15	0
22	5511	13.8	291	16	1
23	5631	14.3	295	12	1
24	5582	12.5	300	12	1
25	5493	12.5	322	14	1
26	5624	12.5	383	13	0
27	5497	15.7	322	16	1
28	5601	19.8	469	13	1
29	5643	18.6	406	15	1
30	5648	15.9	238	14	1
Detection Percentage (%)					90.000
Limit					60%
<b>Test Result</b>					<b>Complied</b>

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

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



**Type 5 Radar Statistical Performance**

Center Freq. (MHz)	Low Edge (MHz)	High Edge (MHz)	VSG Freq. (MHz)	Detection
Trial	Chirp	Offset		
1	5	2	5570	1
2	20	8	5570	1
3	7	2.8	5570	1
4	8	3.2	5570	1
5	9	3.6	5570	1
6	10	4	5570	1
7	11	4.4	5570	1
8	12	4.8	5570	1
9	13	5.2	5570	1
10	14	5.6	5570	1
11	15	6	5498	1
12	16	6.4	5498	1
13	17	6.8	5499	1
14	20	8	5500	0
15	19	7.6	5500	1
16	18	7.2	5499	1
17	17	6.8	5499	1
18	16	6.4	5498	1
19	15	6	5498	1
20	14	5.6	5498	1
21	13	5.2	5642	1
22	12	4.8	5643	0
23	11	4.4	5643	1
24	10	4	5644	1
25	9	3.6	5644	1
26	8	3.2	5644	1
27	18	7.2	5645	1
28	19	7.6	5641	1
29	20	8	5640	1
30	5	2	5640	1
Total				28
Detection Percentage (%)				93%
Limit				80%
Test Result				Complied





<b>Trial Number</b>			1			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	62.1	5	-	-	1091
2	2	56	5	1729	-	133
3	2	91.3	5	1230	-	1057
4	3	50.7	5	1762	1616	1442
5	2	92.6	5	1723	-	544
6	2	87.3	5	1302	-	1089
7	2	59.5	5	1291	-	1374
8	2	52.2	5	1653	-	1237
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			2			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	90	20	1007	1326	30
2	2	73.7	20	1785	-	979
3	1	78.1	20	-	-	683
4	2	92.4	20	1281	-	950
5	1	61.2	20	-	-	612
6	3	67.2	20	1525	1870	17
7	1	78.5	20	-	-	429
8	2	60.3	20	1931	-	936
9	3	92.9	20	1403	1476	548
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			3			
<b>Number of Bursts in Trial</b>			10			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	63.4	7	1574	1607	801
2	1	98	7	-	-	966
3	1	58.7	7	-	-	185
4	1	88	7	-	-	1012
5	3	79.5	7	1562	1370	943
6	3	57.1	7	1900	1188	686
7	2	64.4	7	1090	-	599
8	1	78.7	7	-	-	1089
9	1	69.3	7	-	-	188
10	3	55.3	7	1375	1691	933
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			4			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.3	8	1642	-	24
2	1	83.1	8	-	-	985
3	2	59.5	8	1680	-	988
4	2	59.8	8	1786	-	800
5	2	77.6	8	1617	-	339
6	2	79.9	8	1553	-	1040
7	1	56	8	-	-	544
8	3	71.4	8	1406	1927	452
9	1	97.4	8	-	-	204
10	2	98.3	8	1037	-	926
11	1	63.6	8	-	-	1052
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			5			
<b>Number of Bursts in Trial</b>			12			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	50	9	-	-	557
2	2	62.5	9	1731	-	567
3	2	55.4	9	1070	-	460
4	1	65.7	9	-	-	4
5	2	58	9	1512	-	64
6	2	60.9	9	1230	-	650
7	3	89.6	9	1598	1738	235
8	3	84.4	9	1271	1617	873
9	3	72.3	9	1498	1321	901
10	1	58.9	9	-	-	663
11	2	74.8	9	1584	-	919
12	1	71.8	9	-	-	375
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			6			
<b>Number of Bursts in Trial</b>			13			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	88.1	10	1257	-	846
2	1	58.7	10	-	-	725
3	2	97.1	10	1037	-	30
4	3	83.1	10	1029	1106	490
5	1	62.1	10	-	-	262
6	2	71.4	10	1058	-	283
7	2	86.3	10	1867	-	49
8	3	77.3	10	1418	1876	634
9	1	78.9	10	-	-	304
10	3	79.2	10	1055	1572	564
11	3	52	10	1582	1836	852
12	3	56.5	10	1195	1542	525
13	3	100	10	1638	1729	750
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			7			
<b>Number of Bursts in Trial</b>			14			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	92.7	11	1208	-	231
2	2	81.3	11	1144	-	804
3	2	60.4	11	1555	-	34
4	2	62.1	11	1320	-	427
5	1	50	11	-	-	577
6	3	65.9	11	1020	1365	3
7	2	73.8	11	1308	-	51
8	2	74.3	11	1143	-	360
9	1	62.9	11	-	-	394
10	2	74.8	11	1404	-	317
11	2	69.7	11	1309	-	532
12	2	69.8	11	1688	-	339
13	2	77.4	11	1857	-	381
14	1	55.1	11	-	-	426
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			8			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	91.7	12	-	-	776
2	2	90	12	1196	-	187
3	3	92.3	12	1486	1853	448
4	2	66.8	12	1545	-	702
5	1	64	12	-	-	403
6	3	95.4	12	1123	1473	230
7	3	66.8	12	1867	1401	604
8	3	67.7	12	1472	1397	38
9	1	68.2	12	-	-	735
10	2	82.2	12	1297	-	610
11	1	92.1	12	-	-	618
12	2	57	12	1764	-	705
13	2	58.5	12	1310	-	22
14	3	85.5	12	1630	1447	641
15	2	82.2	12	1371	-	109
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			9			
<b>Number of Bursts in Trial</b>			16			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.4	13	1707	-	442
2	2	63.6	13	1725	-	280
3	2	71.3	13	1704	-	459
4	3	77.6	13	1063	1405	197
5	3	65.2	13	1731	1294	101
6	3	55.1	13	1109	1549	17
7	2	96.8	13	1034	-	131
8	3	80.8	13	1533	1051	365
9	1	60.4	13	-	-	222
10	2	61.8	13	1312	-	371
11	2	71.3	13	1657	-	33
12	2	98.1	13	1024	-	291
13	1	57.9	13	-	-	188
14	1	91.8	13	-	-	163
15	2	56.7	13	1259	-	426
16	2	89.7	13	1690	-	606
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			10			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5570			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	74.4	14	1107	-	462
2	1	87.6	14	-	-	653
3	2	61.7	14	1741	-	457
4	2	57.5	14	1566	-	388
5	2	66.1	14	1855	-	63
6	3	70.1	14	1044	1012	136
7	1	66.4	14	-	-	343
8	1	59.2	14	-	-	349
9	2	88.3	14	1240	-	362
10	1	64.7	14	-	-	221
11	2	73	14	1703	-	144
12	2	81.7	14	1450	-	671
13	3	70.1	14	1741	1278	320
14	1	63.6	14	-	-	196
15	1	58.7	14	-	-	413
16	2	65.9	14	1478	-	170
17	1	72.7	14	-	-	564
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



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



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





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

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



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

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



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

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



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

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



<b>Trial Number</b>			21			
<b>Number of Bursts in Trial</b>			15			
<b>Chirp Center Frequency</b>			5642			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	85.1	13	-	-	565
2	2	72.5	13	1648	-	211
3	1	67.5	13	-	-	348
4	2	56.1	13	1360	-	156
5	1	71.1	13	-	-	718
6	2	93.1	13	1391	-	400
7	1	56.5	13	-	-	482
8	1	63.8	13	-	-	703
9	2	67.4	13	1727	-	780
10	1	52.3	13	-	-	102
11	3	62.4	13	1228	1715	304
12	2	53.3	13	1630	-	57
13	2	83.1	13	1205	-	768
14	2	93.7	13	1085	-	461
15	2	90.7	13	1297	-	746
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			22			
<b>Number of Bursts in Trial</b>			16			
<b>Chirp Center Frequency</b>			5643			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	98.8	12	1439	-	95
2	1	54.5	12	-	-	676
3	2	80.5	12	1360	-	8
4	2	55.9	12	1906	-	373
5	2	72.1	12	1623	-	254
6	2	84.4	12	1604	-	480
7	1	78.5	12	-	-	663
8	1	88	12	-	-	314
9	2	74.7	12	1157	-	596
10	2	97.1	12	1673	-	264
11	1	81.6	12	-	-	740
12	1	83.6	12	-	-	163
13	3	87.6	12	1757	1322	628
14	2	58.5	12	1372	-	132
15	3	91.8	12	1767	1183	106
16	2	58.8	12	1432	-	659
Detection Check (1=Detection; 0=No Detection)						0



<b>Trial Number</b>			23			
<b>Number of Bursts in Trial</b>			17			
<b>Chirp Center Frequency</b>			5643			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	96	11	-	-	284
2	2	92.5	11	1241	-	488
3	2	89.5	11	1347	-	76
4	2	74.8	11	1607	-	688
5	2	60.6	11	1523	-	28
6	2	71.5	11	1659	-	383
7	2	71.1	11	1454	-	182
8	1	98.7	11	-	-	20
9	2	85.1	11	1770	-	576
10	2	89.2	11	1086	-	410
11	2	60.7	11	1101	-	458
12	2	75.2	11	1719	-	348
13	2	75.7	11	1799	-	481
14	3	56.7	11	1132	1884	587
15	2	65	11	1885	-	480
16	2	64.6	11	1910	-	195
17	3	69.9	11	1410	1190	396
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			24			
<b>Number of Bursts in Trial</b>			18			
<b>Chirp Center Frequency</b>			5644			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	83.8	10	1290	1021	536
2	2	66.9	10	1112	-	44
3	3	91	10	1220	1504	611
4	2	86.1	10	1678	-	456
5	3	65.5	10	1928	1222	330
6	1	62.6	10	-	-	297
7	3	68.7	10	1505	1200	351
8	3	59.2	10	1452	1114	230
9	1	73.9	10	-	-	222
10	1	77.2	10	-	-	57
11	2	96.4	10	1357	-	399
12	2	99.9	10	1173	-	299
13	2	99.9	10	1520	-	464
14	1	86.7	10	-	-	294
15	1	92.6	10	-	-	653
16	1	77.1	10	-	-	550
17	2	81.1	10	1664	-	566
18	3	68.4	10	1536	1309	580
<b>Detection Check (1=Detection; 0=No Detection)</b>						1



<b>Trial Number</b>			25			
<b>Number of Bursts in Trial</b>			19			
<b>Chirp Center Frequency</b>			5644			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	68.2	9	1723	1868	471
2	3	83.7	9	1711	1405	368
3	2	69.7	9	1781	-	425
4	1	59.7	9	-	-	440
5	2	96.7	9	1484	-	123
6	2	95.8	9	1319	-	261
7	3	71.3	9	1095	1354	332
8	3	53.2	9	1527	1427	427
9	2	69.5	9	1771	-	397
10	3	63.9	9	1075	1447	67
11	2	93.4	9	1783	-	174
12	2	77.3	9	1564	-	17
13	2	73.1	9	1294	-	216
14	1	77.4	9	-	-	292
15	3	57.2	9	1722	1886	619
16	2	68.7	9	1629	-	233
17	1	60.8	9	-	-	226
18	3	69.7	9	1128	1224	599
19	1	62.2	9	-	-	433
<b>Detection Check (1=Detection; 0=No Detection)</b>						1





<b>Trial Number</b>			26			
<b>Number of Bursts in Trial</b>			20			
<b>Chirp Center Frequency</b>			5644			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	80.5	8	-	-	90
2	3	62.6	8	1406	1343	319
3	3	85.6	8	1190	1529	384
4	2	83.9	8	1208	-	567
5	2	92.4	8	1488	-	234
6	2	54	8	1529	-	535
7	3	81.3	8	1501	1812	325
8	1	98.5	8	-	-	532
9	1	85.8	8	-	-	272
10	2	84.7	8	1593	-	182
11	2	83.3	8	1705	-	134
12	2	79.8	8	1567	-	286
13	1	77.9	8	-	-	368
14	3	98.4	8	1510	1569	290
15	2	79.9	8	1588	-	231
16	3	78	8	1140	1353	353
17	3	55.2	8	1700	1327	53
18	3	71.9	8	1081	1224	44
19	1	62	8	-	-	298
20	3	70.5	8	1888	1442	529
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			27			
<b>Number of Bursts in Trial</b>			8			
<b>Chirp Center Frequency</b>			5645			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	2	69.1	18	1076	-	1436
2	2	62.1	18	1688	-	22
3	2	94.8	18	1891	-	897
4	1	75.8	18	-	-	1186
5	2	65.4	18	1713	-	589
6	2	97.7	18	1292	-	614
7	3	98.1	18	1670	1711	506
8	2	85.4	18	1672	-	776
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			28			
<b>Number of Bursts in Trial</b>			9			
<b>Chirp Center Frequency</b>			5641			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	82	19	1233	1713	679
2	3	87.7	19	1554	1123	473
3	2	98.9	19	1518	-	869
4	1	55	19	-	-	719
5	1	93.6	19	-	-	902
6	2	58.7	19	1641	-	1243
7	2	88.7	19	1387	-	410
8	1	60.3	19	-	-	1154
9	1	97.7	19	-	-	512
Detection Check (1=Detection; 0=No Detection)						1

<b>Trial Number</b>			29			
<b>Number of Bursts in Trial</b>			10			
<b>Chirp Center Frequency</b>			5640			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	1	69.6	20	-	-	1131
2	1	74.5	20	-	-	290
3	1	60.9	20	-	-	895
4	1	74.6	20	-	-	202
5	2	99.3	20	1501	-	139
6	2	95.3	20	1065	-	854
7	2	91.9	20	1722	-	219
8	2	51	20	1285	-	57
9	2	87.7	20	1747	-	141
10	1	87.2	20	-	-	596
Detection Check (1=Detection; 0=No Detection)						1



<b>Trial Number</b>			30			
<b>Number of Bursts in Trial</b>			11			
<b>Chirp Center Frequency</b>			5640			
<b>Burst</b>	<b>No. of Pulses</b>	<b>Pulse Width (us)</b>	<b>Chirp Width (MHz)</b>	<b>Pulse 1-to-2 Spacing (us)</b>	<b>Pulse 2-to-3 Spacing (us)</b>	<b>Starting Location Within Interval (ms)</b>
1	3	59.9	5	1901	1196	935
2	2	77.1	5	1590	-	1038
3	2	62.7	5	1227	-	690
4	1	77.1	5	-	-	547
5	3	99.8	5	1798	1790	551
6	2	61.5	5	1135	-	876
7	2	77.5	5	1583	-	448
8	2	57.3	5	1890	-	736
9	2	53.5	5	1757	-	362
10	1	66.6	5	-	-	836
11	3	80.7	5	1811	1289	410
<b>Detection Check (1=Detection; 0=No Detection)</b>						1

**Type 6 Radar Statistical Performance**

Trial #	Test Freq. (MHz)	Pulses / Hop	Pulse Width (us)	PRI (us)	1=Detection 0=No Detection
1	5570	9	1	333	1
2	5570	9	1	333	1
3	5570	9	1	333	1
4	5570	9	1	333	1
5	5570	9	1	333	1
6	5570	9	1	333	1
7	5570	9	1	333	1
8	5570	9	1	333	1
9	5570	9	1	333	1
10	5570	9	1	333	1
11	5570	9	1	333	1
12	5570	9	1	333	1
13	5570	9	1	333	1
14	5570	9	1	333	1
15	5570	9	1	333	1
16	5570	9	1	333	1
17	5570	9	1	333	1
18	5570	9	1	333	1
19	5570	9	1	333	1
20	5570	9	1	333	1
21	5570	9	1	333	1
22	5570	9	1	333	1
23	5570	9	1	333	0
24	5570	9	1	333	1
25	5570	9	1	333	1
26	5570	9	1	333	1
27	5570	9	1	333	1
28	5570	9	1	333	1
29	5570	9	1	333	1
30	5570	9	1	333	1
Detection Percentage (%)					96.667
Limit					70%
<b>Test Result</b>					<b>Complied</b>

## 4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Jul. 20, 2018	Jul. 19, 2019	Radiated (DF01-CB)
Vector Signal generator	R&S	SMU200A	102782	100kHz-6GHz	Dec. 18, 2017	Dec. 17, 2018	Radiated (DF01-CB)
Horn Antenna	COM-POWER	AH-118	071187	1GHz ~ 18GHz	Jun. 29, 2018	Jun. 28, 2019	Radiated (DF01-CB)
Horn Antenna	COM-POWER	AH-118	071042	1GHz ~ 18GHz	Dec. 13, 2017	Dec. 12, 2018	Radiated (DF01-CB)
RF Power Divider	ANAREN	2 Way	DFS-01-DV-02	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	Radiated (DF01-CB)
RF Power Divider	ANAREN	2 Way	DFS-01-DV-02	1GHz ~ 6GHz	Oct. 08, 2018	Oct. 07, 2019	Radiated (DF01-CB)
RF Power Divider	MTJ	2 Way	DFS-01-DV-03	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	Radiated (DF01-CB)
RF Power Divider	MTJ	2 Way	DFS-01-DV-03	1GHz ~ 6GHz	Oct. 08, 2018	Oct. 07, 2019	Radiated (DF01-CB)
RF Power Divider	ANAREN	4 Way	DFS-01-DV-01	1GHz ~ 6GHz	Oct. 11, 2017	Oct. 10, 2018	Radiated (DF01-CB)
RF Power Divider	ANAREN	4 Way	DFS-01-DV-01	1GHz ~ 6GHz	Oct. 08, 2018	Oct. 07, 2019	Radiated (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-57	1 GHz ~18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiated (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-57	1 GHz ~18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiated (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-58	1 GHz ~18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiated (DF01-CB)
RF Cable-high	Woken	RG402	High Cable-58	1 GHz ~18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiated (DF01-CB)

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



## **5 Measurement Uncertainty**

<b>Test Items</b>	<b>Uncertainty</b>	<b>Remark</b>
Radiated Emission	2.9 dB	Confidence levels of 95%