

# DFS MEASUREMENT REPORT

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**FCC ID:** TV7L11AX5

**Applicant:** Mikrotiks SIA

**Product:** L11UG-5HaxD-US  
NetBox 5 ax

**Model No.:** L11UG-5HaxD-US  
L11UG-5HaxD-NB-US

**Brand Name:** MikroTik

**FCC Classification:** Unlicensed National Information Infrastructure (NII)

**FCC Rule Part(s):** Part 15 Subpart E (Section 15.407)

**Type of Device:** Master

**Result:** Complies

**Received Date:** 2023-09-01

**Test Date:** 2024-01-25 ~ 2024-01-28

**Reviewed By:**

\_\_\_\_\_  
Vincent Yu

**Approved By:**

\_\_\_\_\_  
Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB 905462. Test results reported herein relate only to the item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

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### Revision History

Report No.	Version	Description	Issue Date	Note
2308RSU087-U2	V01	Initial Report	2024-03-01	Valid

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#### 1.4. Product Information

Product Name	L11UG-5HaxD-US NetBox 5 ax
Model No.	L11UG-5HaxD-US L11UG-5HaxD-NB-US
EUT Serial No.	L11UG-5HaxD-US: HEM08NA93Q1/320 L11UG-5HaxD-NB-US: HEQ096MM7FF/339
Software Version	7.1beta99
Wi-Fi Specification	802.11a/n/ac/ax
Antenna Information	Refer to section 1.7
Working Voltage	AC/DC Adapter Input or PoE Input
Operating Environment	-40 ~ 70°C
Accessories	
AC/DC Adapter	Model No.: SAW30-240-1200G Input Power: 100 - 240V ~ 50/60Hz, 0.8A Output Power: 24.0V = 1.2A 28.8W
Gigabit PoE	Input: 18-57V PIN 4, 5: 18-57V PIN 7, 8 Return
Remark: 1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer. 2. PoE needs to be used with an AC adapter. L11UG-5HaxD-NB-US only can powered by PoE. 3. For model differences, please refer to the Operation Description document.	

### 1.5. Radio Specification under Test

<b>Frequency Range</b>	<p>For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz</p> <p>For 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz</p> <p>For 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz</p> <p>For 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz</p>
<b>Type of Modulation</b>	<p>802.11a/n/ac: OFDM</p> <p>802.11ax: OFDMA</p>
<b>Data Rate</b>	<p>802.11a: 6/9/12/18/24/36/48/54Mbps</p> <p>802.11n: up to 300Mbps</p> <p>802.11ac: up to 1732Mbps</p> <p>802.11ax: up to 2402Mbps</p>
<b>Uniform Spreading (For DFS Frequency Band)</b>	<p>For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.</p>

## 1.6. Working Frequencies

### 802.11a/n-HT20/ac-VHT20/ax-HE20

Channel	Frequency	Channel	Frequency	Channel	Frequency
52	5260 MHz	56	5280 MHz	60	5300 MHz
64	5320 MHz	100	5500 MHz	104	5520 MHz
108	5540 MHz	112	5560 MHz	116	5580 MHz
120	5600 MHz	124	5620 MHz	128	5640 MHz
132	5660 MHz	136	5680 MHz	140	5700 MHz
144	5720 MHz	--	--	--	--

### 802.11n-HT40/ac-VHT40/ax-HE40

Channel	Frequency	Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz	102	5510 MHz
110	5550 MHz	118	5590 MHz	126	5630 MHz
134	5670 MHz	142	5710 MHz	--	--

### 802.11ac-VHT80/ax-HE80

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	122	5610 MHz
138	5690 MHz	--	--	--	--

### 802.11ac-VHT160/ax-HE160

Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250 MHz	114	5570 MHz	--	--



**1.7. Antenna Details**

Antenna Type	Antenna Model	Frequency Range (MHz)	Max. PK Gain (dBi)	CDD DG (dBi)	
				For Power	For PSD
Omni Antenna	HGO-antenna-OUT	5150 ~ 5850	7.1	7.1	10.11
Sector Antenna	MTAS-5G-19D120	5150 ~ 5850	19.0	19.0	22.01

**Notes:**

1. The EUT only supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.
2. The antenna specification is provided by the applicant.

## 2. Test Configuration

### 2.1. Test Mode

Mode 1: Operating under AP mode
---------------------------------

### 2.2. Test Channel

Test Mode	Test Channel	Test Frequency
802.11ax-HE80	106	5530 MHz

### 2.3. Applied Standards

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

- FCC Part 15.407 Section (h)(2)
- KDB 905462 D02v02
- KDB 905462 D04v01

### 2.4. Test Environment Condition

Ambient Temperature	15 ~ 35°C
Relative Humidity	20 ~ 75%RH

### 3. DFS Detection Thresholds and Radar Test Waveforms

#### 3.1. Applicability

The following table from FCC KDB 905462 D02 NII DFS Compliance Procedures New Rules v02 lists the applicable requirements for the DFS testing.

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

**Table 3-1: Applicability of DFS Requirements Prior to Use of a Channel**

Requirement	Operational Mode	
	Master Device or Client With Radar Detection	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

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 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.

**Table 3-2: Applicability of DFS Requirements during normal operation**

### 3.2. DFS Devices Requirements

**Per FCC KDB 905462 D02 NII DFS Compliance Procedures New Rules v02 the following are the requirements for Master Devices:**

- (a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 ~ 5350 MHz and 5470 ~ 5725 MHz bands. DFS is not required in the 5150 ~ 5250 MHz or 5725 ~ 5825 MHz bands.
- (b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- (c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- (d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- (e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- (f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- (g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

**Channel Move Time and Channel Closing Transmission Time requirements are listed in the following table.**

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

**Table 3-3: DFS Response Requirements**

### 3.3. DFS Detection Threshold Values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring.

These detection thresholds are listed in the following table.

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.</p> <p>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

**Table 3-4: Detection Thresholds for Master Devices and Client Devices with Radar Detection**

### 3.4. Parameters of DFS Test Signals

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

#### Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 3-6	$\text{Roundup} \left\{ \left( \frac{1}{360} \right) \cdot \left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
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
Note: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

**Table 3-5: Parameters for Short Pulse Radar Waveforms**

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

Pulse Repetition Frequency Number	Pulse Repetition Frequency (Pulses Per Second)	Pulse Repetition Interval (Microseconds)
1	1930.5	518
2	1858.7	538
3	1792.1	558
4	1730.1	578
5	1672.2	598
6	1618.1	618
7	1567.4	638
8	1519.8	658
9	1474.9	678
10	1432.7	698
11	1392.8	718
12	1355	738
13	1319.3	758
14	1285.3	778
15	1253.1	798
16	1222.5	818
17	1193.3	838
18	1165.6	858
19	1139	878
20	1113.6	898
21	1089.3	918
22	1066.1	938
23	326.2	3066

**Table 3-6: Pulse Repetition Intervals Values for Test A**



### Long Pulse Radar Test Waveform

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

**Table 3-7: Parameters for Long Pulse Radar Waveforms**

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

### Frequency Hopping Radar Test Waveform

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

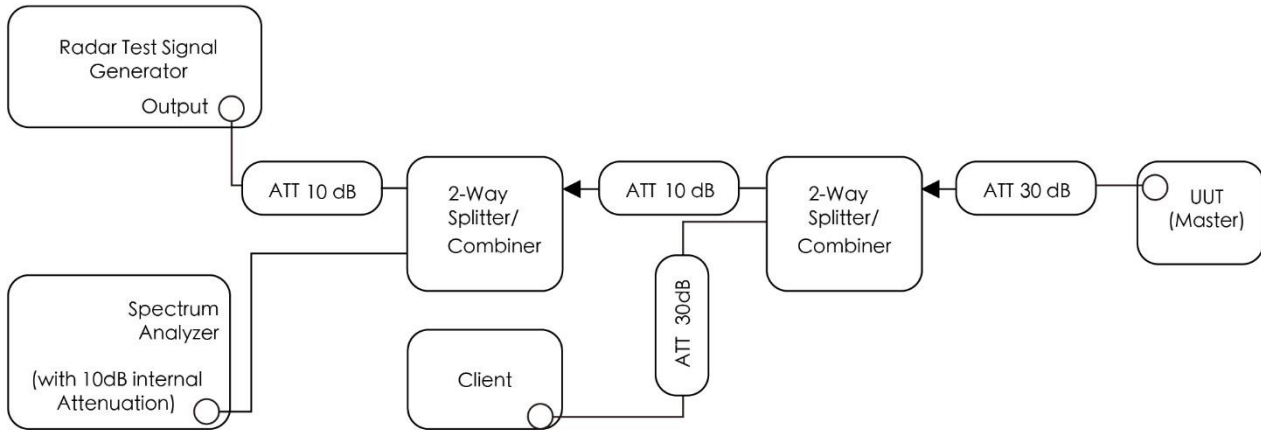
**Table 3-8: Parameters for Frequency Hopping Radar Waveforms**

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

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

### 3.5. Conducted Test Setup

The FCC KDB 905462 D02 NII DFS Compliance Procedures New Rules v02 describes a radiated test setup and a conducted test setup. The conducted test setup was used for this testing. Figure 3-1 shows the typical test setup.



**Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters**

#### 4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Thermohygrometer	testo	608-H1	MRTSUE11256	1 year	2024-10-19	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06993	1 year	2024-07-31	WZ-SR4
Signal Analyzer	Keysight	N9020A	MRTSUE06106	1 year	2024-02-29	WZ-SR4

#### Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wireless Network Adapter	Intel	Intel(R) Wi-Fi 6E AX210 160MHz	FCC ID: PD9AX210NG

Software	Version	Manufacturer	Function
DFS Tool	V 6.9.2	Agilent	DFS Test Software
Signal Studio	V2.2.0.0	Keysight	DFS Test Software

## 5. Test Result

### 5.1. Summary

Parameter	Verdict	Reference
Statistical Performance Check	Pass	Section 5.3

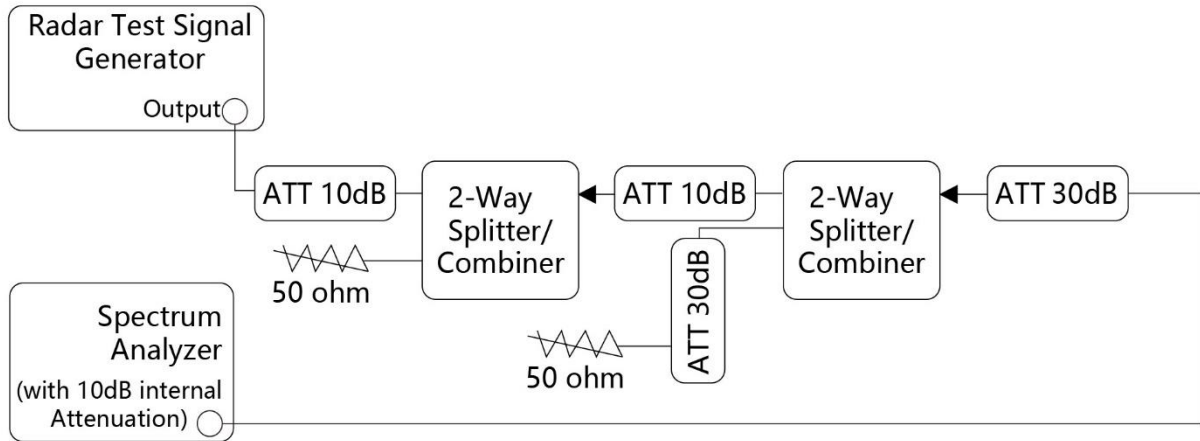
**Notes:**

1. L11UG-5HaxD-US and L11UG-5HaxD-NB-US (FCC ID: TV7L11AX5) are based on L23UGSR-5HaxD2HaxD-US (FCC ID: TV7L23AX52) with the 2.4GHz Radio removed. For other detailed information, please refer to the Operation Description document.
2. We used the worst-case level -64dBm as DFS detection thresholds for all DFS testing. The Interference Radar Detection Threshold Level does not add antenna Gain.

## 5.2. Radar Waveform Calibration Measurement

### 5.2.1. Calibration Setup

The conducted test setup was used for this calibration testing. Figure 3-2 shows the typical test setup.



**Figure 3-2: Conducted Test Setup**

### 5.2.2. Calibration Procedure

The Interference Radar Detection Threshold Level is  $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63 \text{ dBm}$  that had been taken into account the output power range and antenna gain. The above equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for each radar type. During this process there were replace 50ohm terminal form Master and Client device and no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to at least 3MHz. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was  $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63\text{dBm}$ . Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

### 5.2.3. Calibration & Channel Loading Result

Refer to Appendix A.1.& A.2

### 5.3. Statistical Performance Check Measurement

#### 5.3.1. Test Limit

The minimum percentage of successful detection requirements found in below table when a radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device (In- Service Monitoring).

Radar Type	Minimum Number of Trails	Detection Probability
0	30	Pd ≥ 60%
1	30(15 of test A and 15 of test B)	Pd ≥ 60%
2	30	Pd ≥ 60%
3	30	Pd ≥ 60%
4	30	Pd ≥ 60%
Aggregate (Radar Types 1-4)	120	Pd ≥ 80%
5	30	Pd ≥ 80%
6	30	Pd ≥ 70%

Note: The percentage of successful detection is calculated by:  
 $(\text{Total Waveform Detections} / \text{Total Waveform Trails}) * 100 = \text{Probability of Detection Radar Waveform}$   
 In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:  $(Pd1 + Pd2 + Pd3 + Pd4) / 4$ .

#### 5.3.2. Test Procedure

1. Stream the MPEG test file from the Master Device to the Client Device on the test Channel for the entire period of the test.
2. At time T0 the Radar Waveform generator sends the individual waveform for each of the Radar Types 1-6, at levels equal to the DFS Detection Threshold + 1dB, on the Operating Channel.
3. Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 10 seconds for Short Pulse Radar Types 0 to ensure detection occurs.
4. Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.
5. The device can utilize a test mode to demonstrate when detection occurs to prevent the need to reset the device between trial runs.
6. The Minimum number of trails, minimum percentage of successful detection and the average minimum percentage of successful detection are found in below table

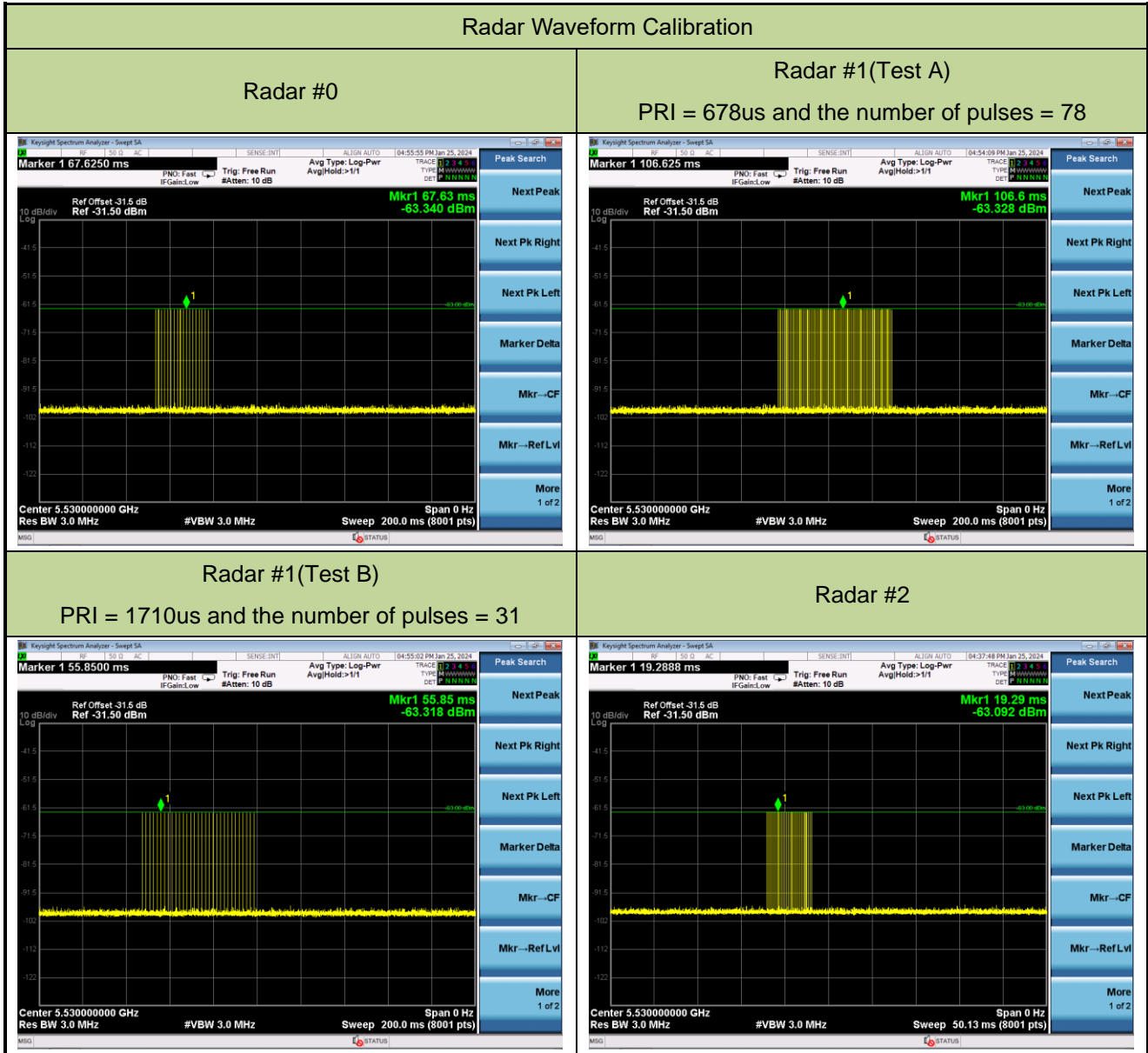
#### 5.3.3. Test Result

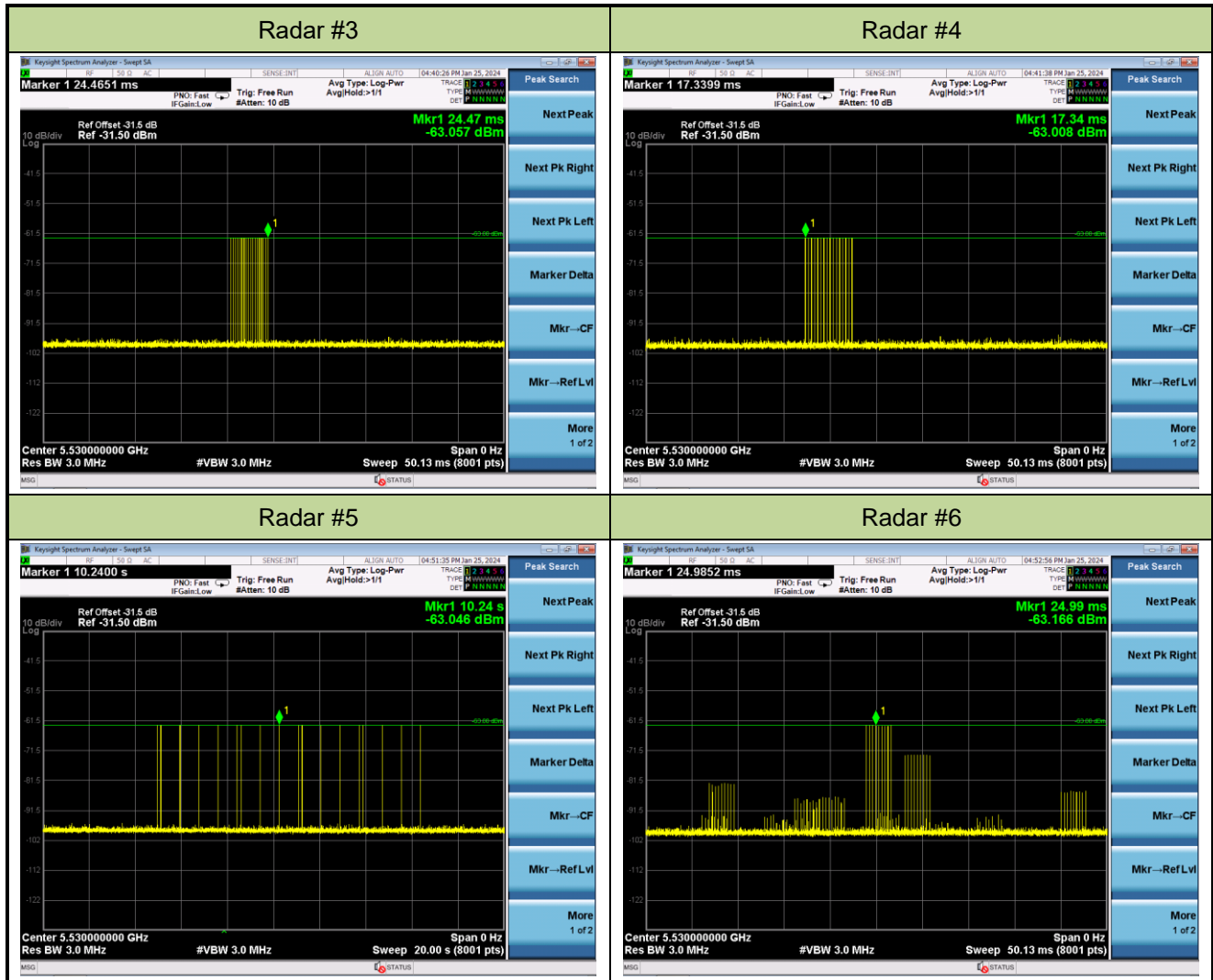
Refer to Appendix A.3.

## Appendix A – Test Result

### A.1 Calibration Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-01-25	Test Item	Radar Waveform Calibration

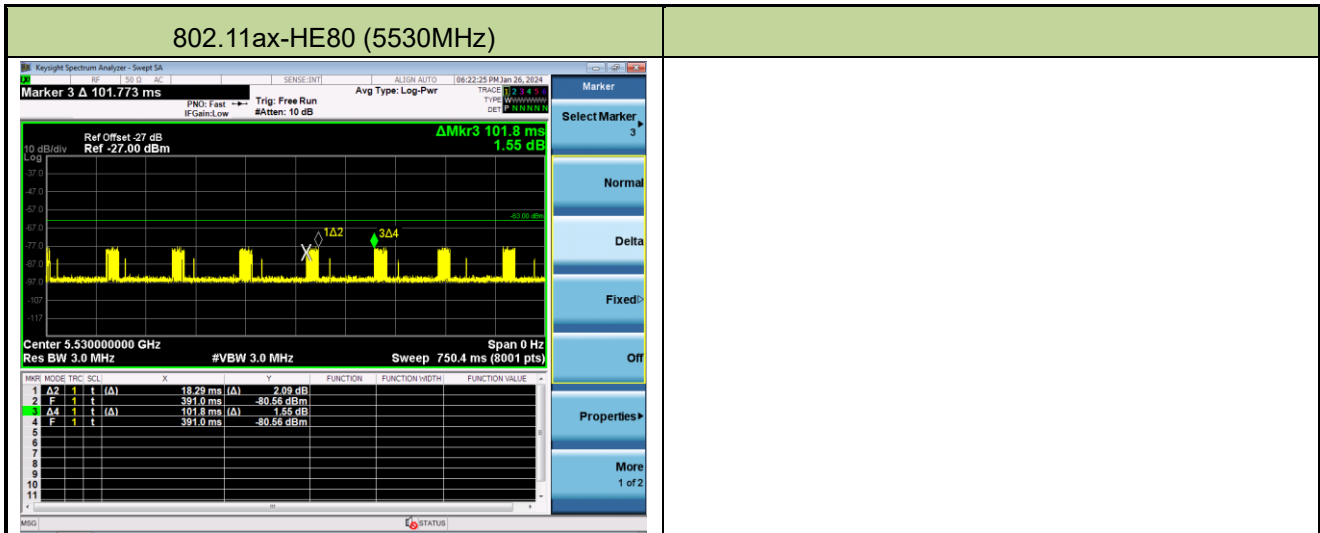






**A.2 Channel Loading Test Result**

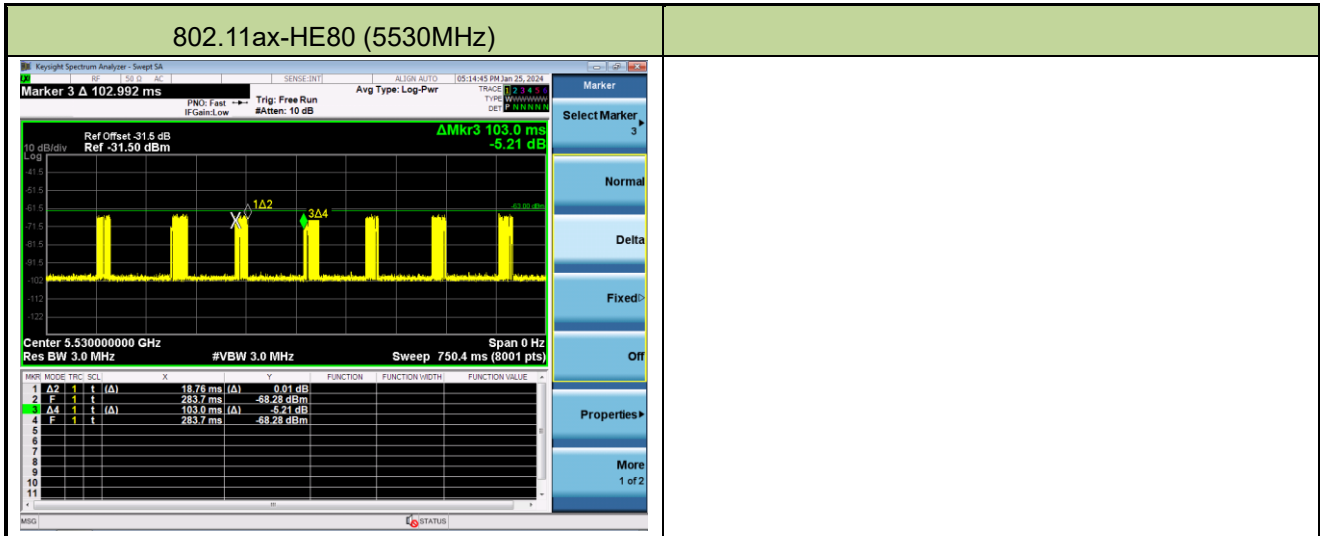
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-01-26	Test Item	Channel Loading
Test Model	L11UG-5HaxD-US		



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE80	5530 MHz	17.97%	≥ 17%	Pass

Note: System testing was performed with the designated iperf test file. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. Packet ratio = Time On / (Time On + Off Time).

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-01-25	Test Item	Channel Loading
Test Model	L11UG-5HaxD-US		



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE80	5530 MHz	18.21%	≥ 17%	Pass

Note: System testing was performed with the designated iperf test file. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device.  
 Packet ratio = Time On / (Time On + Off Time).



**A.3 Statistical Performance Check**

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-01-28		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz)		
Test Model	L11UG-5HaxD-US		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5569	1	5555	1	5510	1	5507	0
1	5567	1	5565	1	5538	1	5560	1
2	5500	1	5570	1	5491	1	5491	1
3	5506	1	5497	1	5549	0	5503	1
4	5502	1	5568	1	5555	1	5517	0
5	5509	1	5511	0	5564	0	5549	1
6	5490	1	5496	1	5553	1	5499	0
7	5557	1	5547	1	5558	1	5520	1
8	5530	1	5568	0	5568	0	5561	0
9	5491	1	5551	1	5532	0	5530	1
10	5566	1	5554	1	5537	0	5554	1
11	5570	1	5520	1	5494	1	5563	0
12	5510	1	5537	1	5504	1	5566	0
13	5546	1	5539	1	5518	0	5540	1
14	5561	1	5557	1	5526	0	5570	1
15	5543	0	5515	1	5530	1	5501	1
16	5568	1	5534	1	5534	1	5495	1
17	5517	1	5532	1	5562	1	5490	1
18	5569	1	5506	0	5525	1	5496	1
19	5536	0	5539	1	5570	1	5511	1
20	5563	1	5502	1	5559	1	5552	0
21	5541	1	5530	1	5542	1	5518	0
22	5501	1	5505	1	5543	1	5555	1
23	5569	1	5513	1	5517	1	5567	0
24	5504	1	5553	1	5490	1	5551	1
25	5537	1	5537	1	5503	1	5520	1
26	5493	1	5522	1	5502	1	5529	1
27	5522	1	5531	1	5501	1	5568	0



Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect
	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect
28	5520	1	5556	0	5515	1	5560	1
29	5518	1	5490	1	5555	1	5547	1
<b>Probability:</b>	<b>93.3%</b>		<b>86.7%</b>		<b>76.7%</b>		<b>66.7%</b>	
<b>Aggregate:</b>	<b>80.8% (≥80%)</b>							

Radar Type 1 - Radar Waveform							Radar Type 2 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	518.0	102	52836.0	Download	0	Type 2	2.0	196.0	24	4752.0
Download	1	Type 1	1.0	918.0	58	53244.0	Download	1	Type 2	4.4	175.0	28	4900.0
Download	2	Type 1	1.0	758.0	70	53060.0	Download	2	Type 2	4.8	203.0	29	5887.0
Download	3	Type 1	1.0	638.0	83	52954.0	Download	3	Type 2	5.0	218.0	29	6322.0
Download	4	Type 1	1.0	698.0	76	53048.0	Download	4	Type 2	1.9	194.0	24	4656.0
Download	5	Type 1	1.0	618.0	86	53148.0	Download	5	Type 2	2.6	177.0	25	4425.0
Download	6	Type 1	1.0	798.0	67	53466.0	Download	6	Type 2	2.0	212.0	24	5088.0
Download	7	Type 1	1.0	838.0	63	52794.0	Download	7	Type 2	1.4	180.0	23	4140.0
Download	8	Type 1	1.0	578.0	92	53176.0	Download	8	Type 2	4.1	227.0	28	6356.0
Download	9	Type 1	1.0	938.0	57	53466.0	Download	9	Type 2	1.0	213.0	23	4699.0
Download	10	Type 1	1.0	718.0	74	53132.0	Download	10	Type 2	3.1	219.0	26	5694.0
Download	11	Type 1	1.0	818.0	65	53170.0	Download	11	Type 2	2.4	151.0	25	3775.0
Download	12	Type 1	1.0	3066.0	18	55188.0	Download	12	Type 2	4.2	192.0	28	5376.0
Download	13	Type 1	1.0	678.0	78	52884.0	Download	13	Type 2	2.8	182.0	26	4732.0
Download	14	Type 1	1.0	598.0	89	53222.0	Download	14	Type 2	1.6	222.0	24	5328.0
Download	15	Type 1	1.0	2656.0	20	53120.0	Download	15	Type 2	4.3	197.0	28	5516.0
Download	16	Type 1	1.0	955.0	56	53480.0	Download	16	Type 2	4.1	187.0	28	5236.0
Download	17	Type 1	1.0	2377.0	23	54671.0	Download	17	Type 2	3.7	195.0	27	5265.0
Download	18	Type 1	1.0	2153.0	25	53825.0	Download	18	Type 2	1.3	230.0	23	5290.0
Download	19	Type 1	1.0	2636.0	21	55356.0	Download	19	Type 2	4.1	176.0	28	4928.0
Download	20	Type 1	1.0	2632.0	21	55272.0	Download	20	Type 2	2.3	167.0	25	4175.0
Download	21	Type 1	1.0	1383.0	39	53937.0	Download	21	Type 2	3.2	217.0	26	5642.0
Download	22	Type 1	1.0	2288.0	24	54912.0	Download	22	Type 2	3.5	159.0	27	4293.0
Download	23	Type 1	1.0	1665.0	32	53280.0	Download	23	Type 2	4.2	181.0	28	5068.0
Download	24	Type 1	1.0	1723.0	31	53413.0	Download	24	Type 2	3.0	171.0	26	4446.0
Download	25	Type 1	1.0	1080.0	49	52820.0	Download	25	Type 2	3.7	201.0	27	5427.0
Download	26	Type 1	1.0	2926.0	19	55594.0	Download	26	Type 2	3.9	163.0	28	4564.0
Download	27	Type 1	1.0	1093.0	49	53557.0	Download	27	Type 2	3.4	224.0	27	6048.0
Download	28	Type 1	1.0	820.0	65	53300.0	Download	28	Type 2	4.1	170.0	28	4760.0
Download	29	Type 1	1.0	2390.0	23	54970.0	Download	29	Type 2	1.5	179.0	24	4296.0



Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.0	496.0	16	7936.0	Download	0	Type 4	13.2	496.0	13	6448.0
Download	1	Type 3	9.4	360.0	18	6480.0	Download	1	Type 4	18.5	360.0	16	5760.0
Download	2	Type 3	9.8	304.0	18	5472.0	Download	2	Type 4	19.5	304.0	16	4864.0
Download	3	Type 3	10.0	414.0	18	7452.0	Download	3	Type 4	20.0	414.0	16	6624.0
Download	4	Type 3	6.9	288.0	16	4608.0	Download	4	Type 4	13.1	288.0	13	3744.0
Download	5	Type 3	7.6	267.0	17	4539.0	Download	5	Type 4	14.7	267.0	14	3738.0
Download	6	Type 3	7.0	387.0	16	6192.0	Download	6	Type 4	13.2	387.0	13	5031.0
Download	7	Type 3	6.4	432.0	16	6912.0	Download	7	Type 4	12.0	432.0	12	5184.0
Download	8	Type 3	9.1	474.0	18	8532.0	Download	8	Type 4	18.0	474.0	15	7110.0
Download	9	Type 3	6.0	482.0	16	7712.0	Download	9	Type 4	11.2	482.0	12	5784.0
Download	10	Type 3	8.1	355.0	17	6035.0	Download	10	Type 4	15.8	355.0	14	4970.0
Download	11	Type 3	7.4	205.0	17	3485.0	Download	11	Type 4	14.3	205.0	13	2865.0
Download	12	Type 3	9.2	260.0	18	4680.0	Download	12	Type 4	18.1	260.0	15	3900.0
Download	13	Type 3	7.8	406.0	17	6902.0	Download	13	Type 4	15.1	406.0	14	5684.0
Download	14	Type 3	6.6	222.0	16	3552.0	Download	14	Type 4	12.3	222.0	12	2664.0
Download	15	Type 3	9.3	322.0	18	5796.0	Download	15	Type 4	18.4	322.0	16	5152.0
Download	16	Type 3	9.1	326.0	18	5868.0	Download	16	Type 4	18.0	326.0	15	4890.0
Download	17	Type 3	8.7	362.0	17	6154.0	Download	17	Type 4	17.0	362.0	15	5430.0
Download	18	Type 3	6.3	479.0	16	7664.0	Download	18	Type 4	11.7	479.0	12	5748.0
Download	19	Type 3	9.1	487.0	18	8786.0	Download	19	Type 4	17.9	487.0	15	7305.0
Download	20	Type 3	7.3	361.0	17	6137.0	Download	20	Type 4	14.0	361.0	13	4693.0
Download	21	Type 3	8.2	408.0	17	6936.0	Download	21	Type 4	16.0	408.0	14	5712.0
Download	22	Type 3	8.5	264.0	17	4488.0	Download	22	Type 4	16.6	264.0	15	3960.0
Download	23	Type 3	9.2	308.0	18	5544.0	Download	23	Type 4	18.3	308.0	16	4928.0
Download	24	Type 3	8.0	478.0	17	8126.0	Download	24	Type 4	15.5	478.0	14	6692.0
Download	25	Type 3	8.7	451.0	18	8118.0	Download	25	Type 4	17.1	451.0	15	6765.0
Download	26	Type 3	8.9	272.0	18	4896.0	Download	26	Type 4	17.5	272.0	15	4080.0
Download	27	Type 3	8.4	278.0	17	4726.0	Download	27	Type 4	16.4	278.0	15	4170.0
Download	28	Type 3	9.1	299.0	18	5382.0	Download	28	Type 4	18.0	299.0	15	4465.0
Download	29	Type 3	6.5	472.0	16	7552.0	Download	29	Type 4	12.3	472.0	12	5664.0



Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5530	1	15	5497.2	1
1	5530	1	16	5496.8	1
2	5530	1	17	5496	1
3	5530	1	18	5492.4	1
4	5530	1	19	5496.8	1
5	5530	1	20	5566	1
6	5530	1	21	5564.8	1
7	5530	1	22	5564.4	1
8	5530	1	23	5563.2	1
9	5530	1	24	5565.2	1
10	5495.2	1	25	5564	1
11	5494	1	26	5563.6	1
12	5496.8	1	27	5564.4	1
13	5494.8	1	28	5563.2	1
14	5492.8	1	29	5567.2	1
<b>Detection Percentage (%)</b>			<b>100.0%</b>		

## Type 5 Radar Waveform\_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
532036.0	62.3	8	1	1792.0	-	-
794643.0	91.6	8	3	1610.0	1146.0	1140.0
1058154.0	96.8	8	3	1290.0	1633.0	1101.0
234667.0	99.8	8	3	1204.0	1866.0	1900.0
499633.0	61.6	8	1	1501.0	-	-
762676.0	70.5	8	2	1265.0	1909.0	-
1028383.0	62.3	8	1	1164.0	-	-
202875.0	55.6	8	1	1480.0	-	-
465760.0	88.9	8	3	1206.0	1982.0	1408.0
731227.0	51.1	8	1	1614.0	-	-
993867.0	76.7	8	2	1752.0	1557.0	-

## Type 5 Radar Waveform\_1

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
103827.0	68.2	18	2	1373.0	1219.0	-
264002.0	89.4	18	3	1944.0	1540.0	1322.0
425337.0	72.9	18	2	1870.0	1669.0	-
587882.0	57.6	18	1	1598.0	-	-
83697.0	90.8	18	3	1800.0	1173.0	1914.0
244222.0	88.7	18	3	1853.0	1917.0	1058.0
405626.0	83.0	18	2	1612.0	1764.0	-
567940.0	53.9	18	1	1685.0	-	-
64000.0	88.3	18	3	1246.0	1208.0	1677.0
225014.0	66.7	18	2	1617.0	1548.0	-
385507.0	77.9	18	2	1968.0	1931.0	-
547596.0	81.0	18	2	1139.0	1125.0	-
44196.0	90.2	18	3	1306.0	1754.0	1240.0
205523.0	75.0	18	2	1087.0	1009.0	-
365260.0	83.6	18	3	1646.0	1672.0	1391.0
526497.0	85.9	18	3	1602.0	1221.0	1016.0
24436.0	80.0	18	2	1687.0	1861.0	-
184960.0	88.7	18	3	1066.0	1980.0	1589.0

## Type 5 Radar Waveform\_2

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
312278.0	57.1	19	1	1667.0	-	-
456104.0	73.9	19	2	1994.0	1359.0	-
4178.0	64.2	19	1	1121.0	-	-
149021.0	69.9	19	2	1444.0	1297.0	-
293306.0	83.4	19	3	1162.0	1659.0	1075.0
436662.0	83.7	19	3	1903.0	1673.0	1978.0
581656.0	98.8	19	3	1611.0	1118.0	1984.0
131385.0	61.7	19	1	1797.0	-	-
276101.0	71.0	19	2	1292.0	1299.0	-
421454.0	61.0	19	1	1935.0	-	-
567315.0	65.3	19	1	1078.0	-	-
113647.0	62.8	19	1	1095.0	-	-
257441.0	98.5	19	3	1271.0	1641.0	1560.0
403129.0	80.4	19	2	1336.0	1278.0	-
549086.0	53.6	19	1	1445.0	-	-
95732.0	50.6	19	1	1243.0	-	-
240302.0	71.3	19	2	1048.0	1804.0	-
385793.0	52.3	19	1	1823.0	-	-
528392.0	90.5	19	3	1632.0	1517.0	1465.0
77499.0	98.5	19	3	1782.0	1004.0	1115.0

## Type 5 Radar Waveform\_3

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
222982.0	52.8	20	1	1457.0	-	-
367346.0	82.3	20	2	1331.0	1430.0	-
512902.0	59.2	20	1	1936.0	-	-
59492.0	91.3	20	3	1998.0	1916.0	1973.0
204410.0	81.8	20	2	1481.0	1993.0	-
350326.0	56.5	20	1	1356.0	-	-
492499.0	84.4	20	3	1287.0	1892.0	1822.0
42033.0	60.5	20	1	1769.0	-	-
187349.0	56.5	20	1	1045.0	-	-
331224.0	74.8	20	2	1572.0	1976.0	-
476289.0	78.1	20	2	1153.0	1886.0	-
24094.0	84.6	20	3	1214.0	1137.0	1085.0
169025.0	82.3	20	2	1106.0	1460.0	-
313590.0	66.9	20	2	1852.0	1346.0	-
458289.0	81.8	20	2	1347.0	1908.0	-
6284.0	77.3	20	2	1202.0	1044.0	-
151529.0	62.5	20	1	1177.0	-	-
294694.0	98.4	20	3	1844.0	1857.0	1650.0
442007.0	56.0	20	1	1161.0	-	-
583965.0	89.3	20	3	1528.0	1727.0	1250.0



## Type 5 Radar Waveform\_4

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
243161.0	58.9	8	1	1332.0	-	-
506864.0	79.1	8	2	1345.0	1175.0	-
770660.0	67.6	8	2	1411.0	1353.0	-
1035046.0	72.0	8	2	1228.0	1035.0	-
209859.0	88.7	8	3	1778.0	1947.0	1491.0
474338.0	75.4	8	2	1062.0	1484.0	-
738031.0	68.3	8	2	1496.0	1447.0	-
1000666.0	97.6	8	3	1469.0	1102.0	1709.0
177782.0	77.3	8	2	1135.0	1899.0	-
441280.0	89.6	8	3	1450.0	1338.0	1099.0
706371.0	53.6	8	1	1645.0	-	-

## Type 5 Radar Waveform\_5

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
820140.0	81.2	11	2	1178.0	1443.0	-
122676.0	95.5	11	3	1114.0	1664.0	1701.0
345753.0	81.6	11	2	1905.0	1807.0	-
568462.0	85.9	11	3	1122.0	1964.0	1056.0
791787.0	74.9	11	2	1734.0	1880.0	-
95550.0	64.7	11	1	1425.0	-	-
318602.0	72.9	11	2	1327.0	1478.0	-
541086.0	88.1	11	3	1402.0	1417.0	1193.0
764373.0	76.8	11	2	1948.0	1601.0	-
67815.0	99.3	11	3	1663.0	1434.0	1059.0
290662.0	88.2	11	3	1638.0	1382.0	1197.0
515131.0	55.1	11	1	1326.0	-	-
736379.0	96.3	11	3	1254.0	1838.0	1110.0

## Type 5 Radar Waveform\_6

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
47803.0	83.0	8	2	1588.0	1007.0	-
311758.0	80.7	8	2	1536.0	1043.0	-
575480.0	80.6	8	2	1069.0	1950.0	-
839106.0	81.5	8	2	1679.0	1627.0	-
15263.0	98.7	8	3	1485.0	1413.0	1623.0
279308.0	76.4	8	2	1284.0	1047.0	-
542499.0	88.2	8	3	1497.0	1286.0	1198.0
806947.0	72.9	8	2	1159.0	1699.0	-
1069467.0	96.4	8	3	1579.0	1605.0	1063.0
246868.0	51.2	8	1	1977.0	-	-
509696.0	89.5	8	3	1776.0	1423.0	1490.0

## Type 5 Radar Waveform\_7

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
946380.0	73.8	6	2	1985.0	1733.0	-
1271407.0	64.6	6	1	1042.0	-	-
261452.0	87.2	6	3	1568.0	1741.0	1724.0
585327.0	52.5	6	1	1119.0	-	-
908291.0	56.4	6	1	1324.0	-	-
1228877.0	88.3	6	3	1245.0	1522.0	1227.0
221876.0	86.9	6	3	1431.0	1274.0	1691.0
544830.0	83.2	6	2	1694.0	1128.0	-
867483.0	67.0	6	2	1348.0	1533.0	-

## Type 5 Radar Waveform\_8

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
593022.0	71.1	17	2	1808.0	1933.0	-
90770.0	96.9	17	3	1094.0	1427.0	1997.0
251464.0	89.2	17	3	1223.0	1718.0	1308.0
414025.0	50.7	17	1	1188.0	-	-
573606.0	81.1	17	2	1631.0	1661.0	-
71352.0	56.8	17	1	1127.0	-	-
232688.0	62.5	17	1	1352.0	-	-
392055.0	89.6	17	3	1604.0	1167.0	1945.0
554875.0	60.3	17	1	1990.0	-	-
51360.0	79.2	17	2	1070.0	1472.0	-
212111.0	90.0	17	3	1049.0	1108.0	1385.0
373558.0	70.8	17	2	1156.0	1288.0	-
534339.0	73.9	17	2	1186.0	1647.0	-
31496.0	71.4	17	2	1230.0	1820.0	-
192120.0	89.1	17	3	1453.0	1276.0	1436.0
354033.0	58.0	17	1	1846.0	-	-
513235.0	94.8	17	3	1801.0	1150.0	1524.0
11656.0	86.8	17	3	1828.0	1033.0	1001.0

## Type 5 Radar Waveform\_9

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
388990.0	98.9	5	3	1711.0	1181.0	1668.0
753462.0	50.9	5	1	1017.0	-	-
1116659.0	51.4	5	1	1492.0	-	-
1478369.0	80.7	5	2	1252.0	1987.0	-
344321.0	84.9	5	3	1199.0	1575.0	1760.0
707144.0	94.2	5	3	1320.0	1683.0	1267.0
1070390.0	92.1	5	3	1096.0	1329.0	1168.0
1435733.0	62.0	5	1	1068.0	-	-

Type 5 Radar Waveform\_10

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
171471.0	60.2	13	1	1368.0	-	-
378073.0	77.5	13	2	1795.0	1719.0	-
585025.0	70.3	13	2	1910.0	1720.0	-
793224.0	81.6	13	2	1107.0	1235.0	-
145391.0	88.6	13	3	1424.0	1377.0	1581.0
353422.0	62.4	13	1	1454.0	-	-
560894.0	54.9	13	1	1544.0	-	-
766545.0	88.2	13	3	1237.0	1294.0	1083.0
120123.0	75.1	13	2	1843.0	1065.0	-
327179.0	86.1	13	3	1019.0	1104.0	1105.0
533459.0	91.6	13	3	1289.0	1600.0	1651.0
741383.0	79.8	13	2	1642.0	1584.0	-
94755.0	50.4	13	1	1534.0	-	-
301267.0	91.8	13	3	1341.0	1468.0	1556.0

Type 5 Radar Waveform\_11

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
594692.0	63.8	10	1	1875.0	-	-
834333.0	98.6	10	3	1829.0	1393.0	1558.0
80789.0	62.6	10	1	1026.0	-	-
322498.0	67.2	10	2	1770.0	1029.0	-
565347.0	61.2	10	1	1038.0	-	-
806028.0	68.7	10	2	1050.0	1965.0	-
50753.0	99.9	10	3	1878.0	1655.0	1261.0
292318.0	93.3	10	3	1256.0	1868.0	1002.0
533655.0	98.2	10	3	1637.0	1113.0	1737.0
775338.0	94.6	10	3	1922.0	1203.0	1054.0
21085.0	61.6	10	1	1805.0	-	-
263196.0	51.5	10	1	1740.0	-	-

Type 5 Radar Waveform\_12

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
335566.0	88.0	17	3	1210.0	1018.0	1509.0
496913.0	82.3	17	2	1619.0	1362.0	-
659143.0	65.6	17	1	1705.0	-	-
154865.0	90.4	17	3	1067.0	1358.0	1803.0
316790.0	62.0	17	1	1577.0	-	-
475323.0	95.0	17	3	1787.0	1766.0	1881.0
639635.0	58.7	17	1	1333.0	-	-
135169.0	69.0	17	2	1943.0	1827.0	-
295652.0	96.7	17	3	1700.0	1174.0	1546.0
456452.0	85.0	17	3	1291.0	1773.0	1088.0
618786.0	69.2	17	2	1130.0	1247.0	-
115472.0	78.8	17	2	1755.0	1399.0	-
275641.0	90.6	17	3	1897.0	1141.0	1927.0
437542.0	77.6	17	2	1298.0	1516.0	-
599338.0	65.8	17	1	1937.0	-	-
95578.0	85.8	17	3	1451.0	1165.0	1041.0
255949.0	96.3	17	3	1872.0	1593.0	1303.0
418414.0	52.9	17	1	1695.0	-	-

Type 5 Radar Waveform\_13

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
803322.0	66.5	12	1	1573.0	-	-
105284.0	65.0	12	1	1818.0	-	-
328077.0	86.3	12	3	1040.0	1343.0	1232.0
552624.0	57.1	12	1	1032.0	-	-
773033.0	87.1	12	3	1735.0	1898.0	1218.0
77780.0	52.8	12	1	1608.0	-	-
300801.0	68.1	12	2	1574.0	1452.0	-
524195.0	67.7	12	2	1169.0	1414.0	-
746993.0	83.0	12	2	1813.0	1325.0	-
50159.0	73.3	12	2	1887.0	1426.0	-
273633.0	62.2	12	1	1958.0	-	-
496292.0	66.9	12	2	1615.0	1716.0	-
719334.0	79.3	12	2	1549.0	1814.0	-

## Type 5 Radar Waveform\_14

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
32809.0	75.8	7	2	1825.0	1053.0	-
355368.0	69.9	7	2	1407.0	1912.0	-
676954.0	87.0	7	3	1578.0	1975.0	1697.0
1000806.0	74.4	7	2	1022.0	1902.0	-
1323323.0	72.6	7	2	1835.0	1239.0	-
315849.0	72.6	7	2	1192.0	1226.0	-
637881.0	84.7	7	3	1473.0	1187.0	1334.0
960697.0	74.0	7	2	1671.0	1757.0	-
1281871.0	96.6	7	3	1796.0	1266.0	1786.0

## Type 5 Radar Waveform\_15

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
137612.0	71.1	18	2	1439.0	1856.0	-
298410.0	81.5	18	2	1542.0	1953.0	-
458714.0	95.2	18	3	1312.0	1553.0	1404.0
620212.0	78.9	18	2	1396.0	1969.0	-
117808.0	79.3	18	2	1832.0	1386.0	-
277995.0	83.9	18	3	1520.0	1653.0	1759.0
439561.0	76.6	18	2	1692.0	1618.0	-
599940.0	83.7	18	3	1244.0	1471.0	1154.0
98203.0	52.8	18	1	1758.0	-	-
259572.0	64.0	18	1	1483.0	-	-
418895.0	97.0	18	3	1293.0	1494.0	1865.0
579507.0	95.2	18	3	1743.0	1350.0	1498.0
78160.0	78.1	18	2	1354.0	1925.0	-
238428.0	96.7	18	3	1957.0	1923.0	1133.0
401006.0	65.3	18	1	1519.0	-	-
560822.0	80.9	18	2	1842.0	1456.0	-
58255.0	95.3	18	3	1103.0	1367.0	1798.0
219674.0	62.7	18	1	1949.0	-	-

Type 5 Radar Waveform\_16

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
380115.0	72.3	17	2	1652.0	1648.0	-
539921.0	94.4	17	3	1363.0	1587.0	1676.0
38619.0	62.0	17	1	1634.0	-	-
199114.0	85.4	17	3	1523.0	1351.0	1409.0
361071.0	56.7	17	1	1876.0	-	-
521430.0	79.7	17	2	1120.0	1867.0	-
18762.0	55.7	17	1	1275.0	-	-
179431.0	93.5	17	3	1233.0	1217.0	1446.0
341211.0	58.8	17	1	1874.0	-	-
502538.0	53.5	17	1	1751.0	-	-
664008.0	53.2	17	1	1543.0	-	-
159516.0	93.3	17	3	1123.0	1281.0	1970.0
321667.0	63.2	17	1	1220.0	-	-
482693.0	61.6	17	1	1725.0	-	-
643099.0	79.0	17	2	1482.0	1134.0	-
140038.0	69.9	17	2	1092.0	1824.0	-
300710.0	93.9	17	3	1403.0	1023.0	1170.0
462815.0	54.7	17	1	1744.0	-	-

Type 5 Radar Waveform\_17

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
702536.0	61.9	15	1	1486.0	-	-
135643.0	58.2	15	1	1025.0	-	-
316449.0	73.6	15	2	1901.0	1116.0	-
496494.0	84.3	15	3	1458.0	1939.0	1305.0
677249.0	91.1	15	3	1693.0	1013.0	1999.0
112704.0	99.4	15	3	1552.0	1464.0	1739.0
294171.0	70.4	15	2	1074.0	1849.0	-
474426.0	98.2	15	3	1860.0	1091.0	1440.0
656574.0	69.9	15	2	1592.0	1304.0	-
90385.0	84.2	15	3	1499.0	1730.0	1981.0
271551.0	97.7	15	3	1010.0	1215.0	1525.0
453063.0	73.2	15	2	1738.0	1151.0	-
633877.0	71.7	15	2	1529.0	1812.0	-
68253.0	93.5	15	3	1365.0	1375.0	1185.0
249565.0	77.4	15	2	1689.0	1143.0	-
431542.0	59.8	15	1	1504.0	-	-

Type 5 Radar Waveform\_18

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1091072.0	62.4	6	1	1258.0	-	-
81936.0	79.7	6	2	1821.0	1555.0	-
404117.0	84.6	6	3	1643.0	1657.0	1310.0
726100.0	85.7	6	3	1285.0	1934.0	1893.0
1049953.0	74.8	6	2	1707.0	1229.0	-
42275.0	65.4	6	1	1132.0	-	-
364783.0	73.2	6	2	1690.0	1606.0	-
686556.0	85.9	6	3	1340.0	1913.0	1595.0
1010142.0	75.0	6	2	1117.0	1906.0	-

Type 5 Radar Waveform\_19

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1306.0	73.0	17	2	1624.0	1665.0	-
171745.0	80.4	17	2	1194.0	1941.0	-
343033.0	59.6	17	1	1390.0	-	-
513721.0	50.7	17	1	1628.0	-	-
680945.0	85.4	17	3	1597.0	1921.0	1793.0
151065.0	66.2	17	1	1670.0	-	-
322070.0	58.1	17	1	1209.0	-	-
492612.0	52.8	17	1	1728.0	-	-
663814.0	60.5	17	1	1280.0	-	-
129637.0	69.0	17	2	1942.0	1840.0	-
299647.0	87.0	17	3	1706.0	1374.0	1339.0
469524.0	89.1	17	3	1721.0	1566.0	1505.0
639796.0	88.0	17	3	1379.0	1771.0	1384.0
108973.0	53.2	17	1	1774.0	-	-
279875.0	62.7	17	1	1438.0	-	-
450679.0	65.0	17	1	1511.0	-	-
621195.0	58.5	17	1	1869.0	-	-



Type 5 Radar Waveform_20						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
124720.0	59.8	10	1	1388.0	-	-
366252.0	71.5	10	2	1879.0	1313.0	-
606687.0	95.8	10	3	1582.0	1930.0	1848.0
848699.0	85.6	10	3	1207.0	1696.0	1541.0
94730.0	81.9	10	2	1839.0	1200.0	-
337068.0	59.8	10	1	1428.0	-	-
579234.0	65.8	10	1	1462.0	-	-
821234.0	53.3	10	1	1678.0	-	-
64852.0	99.2	10	3	1586.0	1535.0	1364.0
306296.0	99.4	10	3	1371.0	1620.0	1495.0
547497.0	85.4	10	3	1779.0	1732.0	1416.0
791299.0	58.1	10	1	1817.0	-	-

Type 5 Radar Waveform_21						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
28121.0	80.0	13	2	1675.0	1027.0	-
221027.0	96.6	13	3	1649.0	1283.0	1441.0
413821.0	85.1	13	3	1938.0	1398.0	1366.0
606501.0	87.8	13	3	1845.0	1780.0	1344.0
4311.0	59.2	13	1	1020.0	-	-
197663.0	68.1	13	2	1410.0	1328.0	-
391047.0	68.9	13	2	1262.0	1429.0	-
585520.0	60.7	13	1	1190.0	-	-
776481.0	97.4	13	3	1176.0	1071.0	1788.0
173404.0	84.6	13	3	1449.0	1554.0	1762.0
366870.0	67.9	13	2	1889.0	1580.0	-
559074.0	89.6	13	3	1224.0	1871.0	1767.0
753724.0	70.4	13	2	1918.0	1037.0	-
150209.0	61.2	13	1	1775.0	-	-
343502.0	74.4	13	2	1216.0	1259.0	-

Type 5 Radar Waveform\_22

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
501751.0	90.4	14	3	1474.0	1295.0	1955.0
684344.0	70.8	14	2	1212.0	1503.0	-
118237.0	74.4	14	2	1321.0	1781.0	-
299616.0	76.4	14	2	1412.0	1109.0	-
480794.0	71.8	14	2	1144.0	1547.0	-
661773.0	70.7	14	2	1810.0	1183.0	-
96193.0	66.2	14	1	1011.0	-	-
277717.0	55.5	14	1	1361.0	-	-
459492.0	51.6	14	1	1024.0	-	-
637593.0	90.1	14	3	1625.0	1756.0	1789.0
73456.0	89.4	14	3	1816.0	1674.0	1191.0
254042.0	91.2	14	3	1688.0	1859.0	1654.0
435836.0	70.6	14	2	1708.0	1510.0	-
615531.0	93.9	14	3	1851.0	1924.0	1166.0
51229.0	97.5	14	3	1201.0	1477.0	1433.0
231932.0	86.2	14	3	1710.0	1761.0	1279.0

Type 5 Radar Waveform\_23

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
367551.0	66.9	17	2	1596.0	1315.0	-
528322.0	72.8	17	2	1532.0	1644.0	-
25666.0	94.7	17	3	1539.0	1952.0	1811.0
186973.0	80.5	17	2	1077.0	1008.0	-
347613.0	72.4	17	2	1988.0	1131.0	-
510099.0	51.9	17	1	1090.0	-	-
5938.0	51.3	17	1	1911.0	-	-
167011.0	78.7	17	2	1238.0	1277.0	-
327031.0	85.2	17	3	1698.0	1576.0	1381.0
487438.0	93.8	17	3	1791.0	1583.0	1487.0
651470.0	54.2	17	1	1263.0	-	-
147358.0	61.1	17	1	1666.0	-	-
307887.0	75.3	17	2	1563.0	1729.0	-
470353.0	53.6	17	1	1060.0	-	-
630930.0	56.2	17	1	1960.0	-	-
127481.0	65.1	17	1	1717.0	-	-
288437.0	70.6	17	2	1272.0	1171.0	-
448125.0	85.4	17	3	1895.0	1231.0	1397.0

## Type 5 Radar Waveform\_24

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
785348.0	75.4	12	2	1806.0	1057.0	-
138326.0	82.6	12	2	1260.0	1180.0	-
345754.0	74.7	12	2	1055.0	1051.0	-
552673.0	73.0	12	2	1682.0	1126.0	-
760781.0	63.5	12	1	1790.0	-	-
112540.0	87.5	12	3	1626.0	1014.0	1713.0
320414.0	63.8	12	1	1561.0	-	-
526435.0	91.0	12	3	1248.0	1506.0	1213.0
732726.0	83.5	12	3	1172.0	1815.0	1714.0
87057.0	97.7	12	3	1518.0	1591.0	1309.0
294192.0	69.8	12	2	1551.0	1932.0	-
501629.0	77.0	12	2	1080.0	1726.0	-
707126.0	98.3	12	3	1387.0	1508.0	1967.0
61628.0	66.9	12	2	1819.0	1966.0	-

## Type 5 Radar Waveform\_25

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
234615.0	100.0	15	3	1784.0	1512.0	1302.0
415889.0	98.4	15	3	1064.0	1530.0	1124.0
598805.0	51.0	15	1	1318.0	-	-
31630.0	66.8	15	2	1296.0	1722.0	-
212837.0	75.8	15	2	1268.0	1609.0	-
393976.0	80.7	15	2	1894.0	1100.0	-
575949.0	52.0	15	1	1954.0	-	-
9301.0	88.5	15	3	1098.0	1488.0	1527.0
190437.0	69.4	15	2	1799.0	1394.0	-
370614.0	95.8	15	3	1680.0	1681.0	1736.0
551439.0	91.3	15	3	1996.0	1380.0	1500.0
733759.0	78.0	15	2	1337.0	1907.0	-
168500.0	66.4	15	1	1531.0	-	-
349834.0	55.0	15	1	1946.0	-	-
530729.0	80.3	15	2	1437.0	1257.0	-
710375.0	98.0	15	3	1882.0	1142.0	1349.0

Type 5 Radar Waveform\_26

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
136994.0	83.9	16	3	1072.0	1470.0	1715.0
307666.0	74.3	16	2	1684.0	1419.0	-
478143.0	70.5	16	2	1565.0	1493.0	-
647212.0	85.3	16	3	1459.0	1467.0	1636.0
116224.0	68.4	16	2	1951.0	1158.0	-
287496.0	64.8	16	1	1081.0	-	-
458422.0	61.4	16	1	1097.0	-	-
626713.0	94.0	16	3	1376.0	1319.0	1360.0
95478.0	59.2	16	1	1269.0	-	-
266099.0	57.1	16	1	1983.0	-	-
436088.0	66.7	16	2	1885.0	1273.0	-
606354.0	81.4	16	2	1521.0	1830.0	-
74249.0	68.5	16	2	1323.0	1640.0	-
245226.0	53.7	16	1	1537.0	-	-
415895.0	58.8	16	1	1802.0	-	-
587113.0	58.1	16	1	1255.0	-	-
53123.0	95.6	16	3	1571.0	1991.0	1082.0

Type 5 Radar Waveform\_27

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
253101.0	87.4	14	3	1149.0	1890.0	1763.0
448045.0	61.2	14	1	1086.0	-	-
640132.0	76.9	14	2	1749.0	1422.0	-
36617.0	52.5	14	1	1904.0	-	-
229499.0	89.5	14	3	1317.0	1089.0	1862.0
422477.0	89.4	14	3	1370.0	1515.0	1405.0
615004.0	89.9	14	3	2000.0	1809.0	1073.0
12768.0	83.3	14	2	1061.0	1241.0	-
205533.0	87.0	14	3	1392.0	1992.0	1635.0
399971.0	63.1	14	1	1765.0	-	-
593215.0	79.0	14	2	1129.0	1111.0	-
786228.0	81.7	14	2	1093.0	1622.0	-
182074.0	85.5	14	3	1564.0	1036.0	1147.0
375760.0	71.0	14	2	1314.0	1225.0	-
570264.0	58.7	14	1	1006.0	-	-

Type 5 Radar Waveform\_28

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
635598.0	60.6	17	1	1995.0	-	-
131580.0	85.5	17	3	1915.0	1686.0	1160.0
293622.0	63.8	17	1	1342.0	-	-
452880.0	95.6	17	3	1136.0	1883.0	1400.0
615936.0	56.4	17	1	1785.0	-	-
112427.0	63.0	17	1	1084.0	-	-
272496.0	98.5	17	3	1926.0	1420.0	1034.0
432506.0	85.2	17	3	1891.0	1594.0	1836.0
592667.0	86.9	17	3	1847.0	1841.0	1896.0
92446.0	57.1	17	1	1783.0	-	-
253777.0	57.6	17	1	1585.0	-	-
413877.0	68.6	17	2	1550.0	1962.0	-
576024.0	64.0	17	1	2000.0	-	-
72466.0	70.6	17	2	1021.0	1837.0	-
233679.0	70.0	17	2	1015.0	1222.0	-
395542.0	65.7	17	1	1028.0	-	-
553969.0	86.9	17	3	1270.0	1378.0	1979.0
52651.0	83.1	17	2	1189.0	1461.0	-

Type 5 Radar Waveform\_29

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
428397.0	82.5	7	2	1179.0	1000.0	-
750778.0	79.1	7	2	1435.0	1569.0	-
1071817.0	93.9	7	3	1545.0	1748.0	1704.0
65803.0	53.4	7	1	1753.0	-	-
388098.0	95.4	7	3	1003.0	1742.0	1253.0
709879.0	94.5	7	3	1750.0	1559.0	1858.0
1032405.0	84.9	7	3	1863.0	1630.0	1155.0
25991.0	80.6	7	2	1888.0	1513.0	-
348952.0	51.9	7	1	1834.0	-	-



Radar Type 6 - Radar Statistical Performance			
Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
0	1	15	1
1	1	16	1
2	1	17	1
3	1	18	1
4	1	19	1
5	1	20	1
6	1	21	1
7	1	22	1
8	1	23	1
9	1	24	1
10	1	25	1
11	1	26	1
12	1	27	1
13	1	28	1
14	1	29	1
<b>Detection Percentage (%)</b>		<b>100%</b>	

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5689	5417	5293	5642	5447
5	5275	5455	5426	5684	5391
10	5280	5388	5708	5698	5310
15	5257	5587	5352	5355	5500
20	5428	5441	5385	5628	5575
25	5655	5637	5472	5713	5692
30	5289	5691	5518	5659	5401
35	5297	5602	5473	5319	5281
40	5700	5694	5345	5327	5484
45	5466	5255	5544	5299	5595
50	5282	5320	5264	5442	5640
55	5301	5696	5313	5446	5269
60	5354	5448	5464	5653	5676
65	5405	5623	5302	5469	5723
70	5480	5365	5657	5594	5495
75	5337	5284	5443	5652	5267
80	5529	5677	5309	5422	5445
85	5603	5259	5423	5533	5604
90	5367	5538	5389	5419	5330
95	5561	5424	5410	5517	5359

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5469	5656	5704	5706	5289
5	5317	5477	5501	5275	5695
10	5686	5652	5274	5418	5331
15	5723	5714	5455	5400	5692
20	5436	5510	5326	5690	5601
25	5366	5507	5365	5576	5272
30	5280	5678	5721	5429	5368
35	5407	5657	5294	5547	5613
40	5312	5402	5694	5465	5691
45	5617	5410	5542	5519	5323
50	5475	5684	5580	5264	5452
55	5648	5632	5459	5350	5665
60	5355	5278	5667	5300	5271
65	5413	5689	5508	5675	5426
70	5471	5357	5635	5439	5712
75	5302	5284	5575	5485	5605
80	5593	5448	5506	5649	5265
85	5645	5371	5640	5404	5290
90	5399	5376	5457	5285	5567
95	5389	5476	5555	5456	5470

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5724	5420	5640	5392	5509
5	5456	5402	5576	5438	5427
10	5520	5538	5315	5613	5352
15	5336	5269	5461	5445	5409
20	5444	5676	5267	5304	5574
25	5254	5568	5680	5306	5419
30	5567	5678	5547	5617	5702
35	5321	5366	5565	5700	5527
40	5626	5485	5632	5705	5688
45	5500	5493	5600	5572	5407
50	5674	5651	5282	5298	5403
55	5586	5602	5347	5656	5718
60	5382	5355	5300	5585	5721
65	5472	5362	5628	5704	5543
70	5441	5457	5324	5611	5398
75	5681	5325	5556	5262	5618
80	5374	5515	5569	5549	5460
85	5548	5310	5596	5255	5353
90	5624	5277	5450	5435	5601
95	5271	5488	5669	5511	5454

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5504	5659	5576	5553	5351
5	5498	5424	5651	5601	5634
10	5451	5327	5356	5711	5373
15	5396	5564	5490	5355	5367
20	5305	5296	5547	5617	5308
25	5674	5309	5340	5461	5456
30	5635	5287	5294	5425	5363
35	5554	5361	5378	5441	5465
40	5665	5570	5470	5307	5510
45	5480	5561	5528	5550	5352
50	5333	5387	5701	5530	5353
55	5556	5440	5475	5592	5511
60	5520	5720	5417	5416	5289
65	5295	5311	5664	5362	5410
70	5615	5427	5460	5648	5587
75	5357	5445	5473	5537	5514
80	5253	5630	5679	5632	5546
85	5655	5548	5627	5663	5313
90	5598	5404	5397	5538	5531
95	5597	5686	5566	5438	5667



Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5662	5423	5512	5714	5571
5	5540	5349	5251	5289	5463
10	5285	5591	5397	5431	5394
15	5523	5667	5438	5318	5363
20	5436	5721	5385	5520	5408
25	5635	5402	5510	5374	5503
30	5442	5592	5502	5543	5720
35	5645	5632	5531	5452	5304
40	5273	5508	5613	5439	5460
45	5659	5619	5581	5559	5426
50	5528	5384	5573	5427	5377
55	5444	5630	5294	5563	5640
60	5685	5665	5724	5717	5710
65	5496	5260	5700	5688	5309
70	5560	5497	5316	5522	5565
75	5616	5518	5669	5411	5368
80	5317	5375	5451	5469	5723
85	5358	5548	5295	5305	5447
90	5572	5413	5706	5703	5621
95	5519	5422	5410	5689	5702

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5442	5662	5448	5400	5413
5	5582	5371	5326	5452	5670
10	5691	5380	5438	5626	5415
15	5503	5650	5295	5483	5510
20	5602	5377	5493	5296	5584
25	5605	5614	5408	5642	5331
30	5549	5717	5695	5443	5641
35	5261	5525	5306	5366	5715
40	5356	5446	5378	5301	5271
45	5440	5267	5677	5634	5680
50	5704	5435	5250	5321	5632
55	5464	5345	5491	5534	5294
60	5375	5707	5653	5543	5656
65	5697	5684	5639	5592	5524
70	5381	5496	5563	5346	5539
75	5275	5394	5685	5284	5596
80	5376	5667	5532	5540	5570
85	5354	5686	5600	5431	5409
90	5470	5550	5509	5718	5720
95	5676	5463	5304	5513	5412

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5697	5426	5384	5561	5633
5	5721	5296	5401	5518	5402
10	5622	5644	5479	5346	5436
15	5591	5302	5398	5528	5324
20	5282	5671	5700	5466	5562
25	5333	5718	5442	5684	5695
30	5506	5360	5469	5263	5305
35	5352	5321	5459	5280	5554
40	5536	5618	5298	5675	5420
45	5350	5260	5687	5711	5556
50	5405	5486	5276	5548	5643
55	5345	5535	5310	5505	5423
60	5540	5652	5485	5602	5520
65	5327	5319	5294	5550	5482
70	5663	5573	5418	5709	5363
75	5330	5577	5698	5448	5599
80	5443	5537	5387	5354	5250
85	5271	5317	5396	5569	5313
90	5635	5543	5555	5359	5256
95	5487	5361	5283	5616	5707

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5477	5665	5320	5722	5475
5	5288	5318	5476	5681	5706
10	5456	5433	5617	5541	5457
15	5679	5332	5404	5573	5516
20	5290	5362	5641	5458	5439
25	5450	5385	5536	5347	5251
30	5463	5575	5621	5461	5443
35	5592	5612	5291	5393	5619
40	5322	5383	5295	5604	5400
45	5696	5265	5598	5432	5581
50	5537	5365	5371	5587	5533
55	5275	5250	5379	5552	5705
60	5597	5317	5292	5645	5721
65	5582	5614	5634	5686	5572
70	5622	5468	5666	5422	5394
75	5668	5353	5473	5558	5499
80	5704	5506	5437	5257	5567
85	5709	5412	5264	5414	5342
90	5511	5325	5562	5480	5376
95	5311	5568	5259	5262	5430

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5635	5429	5256	5311	5695
5	5330	5718	5551	5369	5438
10	5387	5319	5658	5639	5478
15	5292	5459	5507	5521	5708
20	5298	5431	5582	5547	5412
25	5716	5712	5642	5548	5510
30	5293	5570	5420	5315	5395
35	5281	5486	5631	5485	5680
40	5707	5702	5638	5526	5389
45	5436	5283	5516	5279	5318
50	5388	5308	5282	5588	5572
55	5434	5721	5704	5440	5423
60	5350	5584	5542	5624	5593
65	5591	5544	5531	5650	5481
70	5278	5316	5669	5271	5370
75	5627	5679	5473	5519	5539
80	5252	5609	5452	5666	5302
85	5506	5294	5604	5368	5590
90	5709	5490	5568	5514	5697
95	5393	5366	5552	5254	5619

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5415	5668	5667	5472	5537
5	5372	5265	5626	5532	5645
10	5318	5583	5699	5359	5499
15	5283	5586	5610	5566	5425
20	5684	5597	5620	5539	5385
25	5604	5564	5370	5652	5544
30	5432	5556	5377	5530	5547
35	5576	5625	5722	5281	5540
40	5594	5643	5310	5291	5386
45	5365	5263	5599	5337	5274
50	5275	5562	5458	5639	5640
55	5395	5378	5434	5658	5630
60	5321	5713	5560	5584	5456
65	5516	5270	5480	5686	5676
70	5276	5388	5294	5595	5346
75	5648	5593	5662	5520	5504
80	5719	5266	5616	5254	5431
85	5497	5635	5348	5257	5572
90	5419	5363	5529	5655	5671
95	5451	5579	5582	5410	5421

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5670	5432	5603	5633	5282
5	5511	5665	5701	5598	5474
10	5627	5372	5265	5554	5520
15	5371	5713	5611	5617	5692
20	5666	5561	5628	5358	5492
25	5513	5573	5281	5578	5445
30	5334	5648	5321	5299	5667
35	5338	5552	5693	5508	5482
40	5490	5514	5531	5383	5672
45	5718	5682	5298	5327	5540
50	5438	5537	5690	5254	5700
55	5525	5612	5723	5439	5292
60	5367	5250	5529	5385	5342
65	5580	5568	5429	5625	5411
70	5643	5359	5557	5523	5297
75	5347	5322	5545	5708	5501
80	5659	5257	5522	5683	5317
85	5428	5314	5538	5287	5416
90	5373	5252	5345	5677	5485
95	5461	5594	5427	5476	5480

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5450	5671	5539	5319	5599
5	5553	5687	5301	5286	5681
10	5558	5636	5306	5274	5541
15	5459	5268	5341	5559	5334
20	5700	5357	5502	5620	5331
25	5283	5365	5385	5612	5516
30	5291	5388	5473	5594	5429
35	5348	5468	5519	5321	5573
40	5452	5674	5380	5601	5698
45	5290	5356	5427	5314	5713
50	5266	5343	5644	5566	5438
55	5258	5641	5496	5415	5474
60	5692	5265	5526	5294	5378
65	5661	5718	5637	5629	5509
70	5397	5298	5504	5489	5261
75	5376	5482	5436	5367	5303
80	5372	5477	5425	5441	5604
85	5280	5608	5405	5424	5287
90	5547	5510	5683	5721	5703
95	5531	5423	5369	5409	5296

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5705	5435	5475	5480	5344
5	5595	5612	5376	5449	5413
10	5489	5425	5347	5469	5562
15	5547	5395	5604	5526	5611
20	5523	5540	5709	5304	5646
25	5314	5504	5586	5655	5320
30	5723	5603	5722	5317	5470
35	5520	5716	5621	5433	5635
40	5656	5390	5439	5377	5530
45	5678	5373	5414	5692	5568
50	5529	5717	5491	5426	5628
55	5455	5625	5580	5419	5524
60	5566	5472	5592	5327	5600
65	5453	5330	5440	5323	5400
70	5652	5463	5361	5381	5422
75	5688	5477	5559	5536	5325
80	5704	5441	5446	5718	5703
85	5370	5378	5535	5270	5675
90	5689	5456	5337	5558	5585
95	5321	5341	5662	5664	5318

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5388	5296	5411	5641	5661
5	5637	5634	5451	5612	5717
10	5323	5311	5567	5583	5538
15	5522	5450	5649	5718	5619
20	5592	5481	5701	5277	5437
25	5610	5690	5680	5697	5684
30	5343	5399	5609	5611	5512
35	5299	5347	5474	5361	5328
40	5679	5471	5362	5658	5456
45	5375	5486	5579	5444	5590
50	5368	5618	5540	5435	5614
55	5274	5657	5270	5461	5356
60	5392	5418	5318	5276	5636
65	5285	5600	5621	5395	5578
70	5500	5369	5628	5325	5330
75	5501	5565	5465	5490	5340
80	5700	5603	5322	5424	5344
85	5385	5303	5420	5713	5429
90	5308	5365	5695	5349	5575
95	5666	5694	5320	5290	5387

Type 6 Radar Waveform\_14

Frequency List (MHz)	0	1	2	3	4
0	5643	5535	5347	5327	5406
5	5301	5656	5526	5678	5449
10	5254	5575	5429	5287	5604
15	5626	5649	5553	5694	5532
20	5627	5283	5422	5315	5250
25	5325	5493	5338	5319	5714
30	5264	5573	5637	5461	5648
35	5335	5651	5324	5308	5549
40	5358	5410	5444	5266	5468
45	5291	5541	5539	5433	5369
50	5320	5419	5707	5363	5282
55	5428	5533	5568	5554	5311
60	5435	5285	5519	5700	5672
65	5495	5395	5424	5467	5564
70	5503	5693	5284	5677	5621
75	5708	5522	5717	5600	5596
80	5292	5666	5619	5722	5702
85	5515	5383	5556	5288	5530
90	5323	5427	5270	5458	5592
95	5599	5650	5689	5393	5585

Type 6 Radar Waveform\_15

Frequency List (MHz)	0	1	2	3	4
0	5423	5299	5283	5391	5723
5	5343	5581	5601	5366	5656
10	5563	5364	5567	5482	5625
15	5714	5301	5642	5724	5538
20	5352	5460	5307	5698	5591
25	5442	5541	5273	5403	5559
30	5594	5676	5325	5630	5315
35	5415	5702	5272	5527	5582
40	5587	5465	5598	5521	5622
45	5491	5495	5256	5671	5467
50	5470	5321	5661	5701	5515
55	5382	5387	5428	5440	5600
60	5351	5592	5616	5407	5342
65	5649	5611	5327	5287	5636
70	5647	5603	5445	5580	5718
75	5646	5266	5279	5503	5397
80	5710	5377	5456	5316	5436
85	5722	5544	5326	5707	5546
90	5337	5329	5583	5695	5461
95	5627	5706	5654	5634	5496

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5678	5538	5694	5552	5468
5	5385	5603	5676	5529	5388
10	5494	5628	5608	5677	5646
15	5327	5331	5284	5687	5441
20	5546	5518	5401	5396	5671
25	5479	5294	5269	5624	5685
30	5445	5448	5551	5416	5574
35	5450	5454	5506	5472	5380
40	5661	5563	5610	5520	5352
45	5462	5527	5501	5705	5452
50	5548	5521	5643	5410	5387
55	5703	5336	5438	5584	5399
60	5569	5290	5393	5424	5442
65	5353	5543	5695	5647	5537
70	5557	5505	5708	5633	5606
75	5556	5615	5289	5422	5484
80	5649	5723	5620	5414	5313
85	5631	5625	5483	5577	5306
90	5335	5398	5412	5579	5709
95	5715	5485	5635	5599	5601

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5361	5302	5630	5713	5310
5	5524	5528	5276	5692	5425
10	5417	5649	5397	5667	5415
15	5458	5290	5257	5633	5554
20	5587	5342	5388	5644	5270
25	5718	5472	5253	5719	5487
30	5337	5508	5631	5251	5648
35	5496	5597	5268	5672	5402
40	5315	5592	5459	5456	5481
45	5313	5510	5601	5408	5326
50	5344	5572	5596	5685	5492
55	5319	5531	5403	5370	5698
60	5455	5338	5256	5365	5396
65	5366	5683	5369	5449	5308
70	5619	5609	5618	5435	5636
75	5409	5468	5465	5426	5358
80	5414	5309	5477	5351	5325
85	5349	5519	5379	5350	5550
90	5341	5432	5294	5688	5265
95	5289	5699	5383	5517	5702

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5616	5541	5566	5399	5530
5	5550	5351	5283	5424	5259
10	5303	5690	5495	5688	5406
15	5585	5393	5302	5350	5465
20	5278	5477	5617	5633	5570
25	5578	5357	5626	5323	5274
30	5500	5468	5635	5539	5308
35	5586	5338	5398	5396	5553
40	5288	5461	5568	5654	5673
45	5677	5520	5623	5685	5508
50	5339	5507	5622	5721	5697
55	5341	5352	5620	5563	5666
60	5342	5567	5593	5579	5719
65	5489	5474	5605	5709	5467
70	5411	5595	5456	5529	5611
75	5446	5678	5371	5670	5376
80	5637	5546	5528	5264	5312
85	5711	5722	5598	5324	5715
90	5444	5369	5554	5322	5282
95	5344	5683	5281	5496	5330

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5396	5305	5502	5560	5275
5	5608	5475	5426	5446	5631
10	5665	5567	5256	5690	5709
15	5494	5712	5496	5250	5542
20	5473	5347	5321	5469	5590
25	5521	5422	5306	5461	5312
30	5668	5687	5489	5652	5666
35	5299	5401	5432	5500	5481
40	5334	5550	5692	5441	5479
45	5529	5707	5553	5696	5674
50	5331	5283	5695	5576	5436
55	5419	5384	5310	5703	5492
60	5589	5288	5390	5658	5411
65	5514	5292	5643	5688	5316
70	5387	5554	5328	5649	5657
75	5427	5455	5451	5540	5700
80	5682	5266	5431	5581	5372
85	5274	5522	5405	5450	5403
90	5399	5289	5654	5378	5433
95	5344	5314	5558	5369	5358



Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5651	5544	5438	5721	5592
5	5650	5497	5501	5609	5460
10	5596	5356	5297	5410	5255
15	5582	5364	5599	5295	5259
20	5481	5513	5262	5558	5563
25	5312	5371	5509	5565	5346
30	5710	5673	5379	5704	5426
35	5486	5492	5703	5711	5511
40	5491	5564	5272	5265	5547
45	5524	5421	5562	5587	5285
50	5350	5332	5397	5250	5388
55	5532	5605	5408	5530	5626
60	5713	5661	5475	5270	5324
65	5415	5709	5591	5597	5621
70	5406	5570	5715	5674	5337
75	5543	5363	5672	5325	5707
80	5288	5679	5334	5423	5335
85	5523	5555	5398	5522	5342
90	5456	5437	5696	5443	5413
95	5454	5273	5649	5357	5536

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5431	5308	5374	5407	5337
5	5314	5422	5576	5297	5667
10	5430	5620	5338	5605	5276
15	5670	5394	5702	5340	5451
20	5392	5582	5678	5550	5536
25	5675	5698	5712	5291	5380
30	5277	5562	5336	5444	5578
35	5684	5480	5583	5499	5389
40	5425	5330	5269	5685	5505
45	5544	5453	5304	5645	5716
50	5683	5573	5301	5574	5355
55	5549	5596	5484	5341	5532
60	5632	5642	5640	5690	5631
65	5317	5440	5633	5676	5373
70	5409	5660	5339	5472	5644
75	5468	5387	5604	5488	5393
80	5351	5278	5334	5362	5395
85	5715	5520	5352	5295	5540
90	5260	5462	5455	5509	5257
95	5547	5714	5639	5265	5507

Type 6 Radar Waveform\_22

Frequency List (MHz)	0	1	2	3	4
0	5589	5547	5310	5568	5654
5	5356	5444	5651	5460	5399
10	5361	5409	5379	5325	5297
15	5661	5521	5708	5288	5265
20	5400	5273	5716	5639	5509
25	5466	5647	5440	5395	5414
30	5416	5451	5293	5562	5352
35	5504	5619	5674	5392	5542
40	5339	5644	5623	5648	5541
45	5382	5284	5253	5606	5294
50	5502	5559	5274	5663	5653
55	5396	5309	5438	5531	5351
60	5603	5296	5330	5635	5463
65	5698	5615	5389	5669	5481
70	5646	5315	5431	5613	5437
75	5514	5370	5714	5269	5511
80	5673	5473	5712	5679	5358
85	5335	5388	5403	5543	5360
90	5425	5468	5408	5564	5447
95	5338	5445	5693	5267	5560

Type 6 Radar Waveform\_23

Frequency List (MHz)	0	1	2	3	4
0	5369	5311	5721	5632	5399
5	5398	5251	5526	5703	5292
10	5295	5517	5423	5318	5274
15	5648	5336	5333	5457	5408
20	5439	5657	5631	5482	5354
25	5499	5546	5448	5458	5437
30	5250	5302	5601	5324	5283
35	5290	5663	5317	5350	5580
40	5435	5464	5413	5635	5689
45	5264	5664	5347	5389	5450
50	5403	5277	5476	5340	5400
55	5392	5548	5477	5425	5495
60	5465	5644	5341	5338	5608
65	5363	5454	5553	5254	5443
70	5565	5669	5390	5485	5557
75	5351	5416	5349	5525	5624
80	5574	5573	5668	5615	5521
85	5418	5527	5353	5357	5316
90	5558	5590	5571	5345	5720
95	5673	5619	5322	5343	5575

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5624	5550	5657	5318	5716
5	5440	5391	5326	5689	5435
10	5601	5559	5558	5618	5339
15	5362	5300	5439	5378	5649
20	5319	5508	5598	5720	5455
25	5620	5351	5274	5603	5482
30	5500	5682	5517	5278	5522
35	5325	5478	5459	5470	5264
40	5419	5615	5402	5653	5632
45	5719	5722	5400	5654	5626
50	5454	5366	5677	5662	5588
55	5346	5367	5448	5457	5660
60	5622	5699	5291	5687	5639
65	5287	5644	5705	5255	5635
70	5715	5543	5317	5645	5349
75	5703	5429	5668	5306	5313
80	5637	5570	5485	5460	5381
85	5696	5408	5564	5280	5577
90	5379	5602	5685	5578	5674
95	5554	5473	5481	5692	5290

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5404	5314	5593	5479	5461
5	5579	5316	5401	5377	5642
10	5532	5348	5599	5338	5360
15	5450	5427	5542	5423	5366
20	5327	5674	5636	5712	5428
25	5508	5300	5477	5329	5516
30	5639	5690	5257	5527	5342
35	5464	5569	5255	5623	5653
40	5258	5698	5340	5418	5629
45	5699	5502	5683	5453	5541
50	5565	5505	5552	5500	5606
55	5301	5529	5661	5419	5586
60	5350	5567	5531	5689	5633
65	5365	5711	5583	5537	5525
70	5438	5319	5701	5546	5641
75	5621	5308	5700	5371	5410
80	5445	5472	5562	5680	5518
85	5302	5344	5339	5362	5337
90	5576	5387	5595	5254	5614
95	5436	5717	5686	5395	5523

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5562	5553	5529	5640	5303
5	5621	5338	5476	5540	5471
10	5366	5612	5533	5381	5441
15	5457	5645	5371	5558	5335
20	5268	5577	5326	5498	5396
25	5627	5680	5433	5550	5681
30	5676	5596	5375	5679	5603
35	5660	5623	5398	5664	5572
40	5306	5278	5561	5626	5379
45	5585	5266	5506	5331	5503
50	5556	5641	5323	5453	5489
55	5254	5719	5383	5390	5715
60	5515	5512	5363	5579	5663
65	5619	5272	5320	5716	5488
70	5309	5549	5490	5597	5267
75	5295	5345	5417	5391	5600
80	5582	5343	5385	5564	5400
85	5421	5404	5531	5413	5610
90	5589	5350	5269	5428	5415
95	5499	5310	5714	5712	5296

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5342	5317	5465	5326	5523
5	5663	5263	5551	5606	5678
10	5297	5401	5681	5253	5402
15	5529	5584	5651	5416	5275
20	5721	5434	5518	5318	5471
25	5662	5576	5408	5537	5723
30	5565	5553	5590	5453	5360
35	5267	5276	5419	5578	5508
40	5389	5691	5623	5308	5562
45	5668	5324	5462	5693	5695
50	5679	5607	5255	5621	5397
55	5677	5683	5264	5369	5680
60	5457	5670	5438	5622	5609
65	5655	5579	5687	5519	5560
70	5295	5649	5339	5573	5701
75	5372	5377	5595	5599	5708
80	5448	5561	5421	5558	5367
85	5626	5494	5261	5594	5692
90	5287	5440	5629	5364	5355
95	5507	5394	5307	5697	5405

Type 6 Radar Waveform\_28

Frequency List (MHz)	0	1	2	3	4
0	5597	5653	5401	5487	5365
5	5705	5285	5626	5294	5410
10	5703	5287	5722	5351	5423
15	5617	5711	5279	5461	5467
20	5254	5503	5556	5407	5444
25	5550	5428	5514	5641	5618
30	5387	5454	5510	5330	5605
35	5558	5309	5367	5690	5704
40	5492	5347	5569	5629	5566
45	5620	5615	5542	5276	5515
50	5483	5571	5380	5658	5344
55	5719	5390	5637	5624	5496
60	5710	5498	5370	5499	5599
65	5264	5568	5590	5594	5314
70	5482	5322	5281	5652	5663
75	5549	5660	5611	5585	5606
80	5353	5397	5511	5315	5324
85	5400	5427	5343	5362	5321
90	5509	5414	5368	5698	5411
95	5268	5419	5436	5405	5517

Type 6 Radar Waveform\_29

Frequency List (MHz)	0	1	2	3	4
0	5377	5417	5337	5648	5585
5	5369	5685	5701	5457	5714
10	5537	5551	5288	5546	5444
15	5705	5363	5382	5506	5659
20	5262	5669	5497	5399	5341
25	5280	5717	5367	5652	5429
30	5440	5370	5545	5379	5378
35	5448	5458	5583	5479	5503
40	5661	5567	5331	5544	5522
45	5359	5343	5568	5447	5556
50	5709	5433	5645	5663	5578
55	5591	5339	5315	5681	5627
60	5535	5431	5565	5514	5413
65	5507	5630	5621	5374	5326
70	5267	5277	5415	5428	5619
75	5580	5274	5334	5406	5718
80	5636	5561	5671	5607	5702
85	5390	5327	5372	5282	5612
90	5533	5704	5355	5293	5658
95	5285	5474	5420	5303	5255



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-01-25		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz)		
Tset Model	L11UG-5HaxD-NB-US		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5565	1	5490	1	5522	0	5522	0
1	5542	1	5494	1	5521	1	5518	1
2	5519	1	5549	1	5547	1	5556	1
3	5557	1	5525	1	5501	1	5536	1
4	5501	1	5570	1	5543	1	5521	1
5	5531	1	5515	1	5565	1	5554	1
6	5533	1	5542	1	5499	0	5490	0
7	5567	1	5533	1	5564	1	5502	0
8	5495	1	5524	1	5532	1	5570	1
9	5514	1	5516	1	5550	0	5540	0
10	5512	1	5550	0	5490	1	5509	1
11	5513	1	5502	1	5501	1	5561	1
12	5504	1	5506	1	5491	0	5557	1
13	5490	0	5505	0	5561	1	5511	1
14	5530	1	5530	1	5557	1	5498	1
15	5522	1	5518	1	5524	1	5513	1
16	5520	1	5500	1	5570	1	5494	0
17	5504	1	5546	1	5560	1	5530	1
18	5570	1	5492	1	5500	1	5549	1
19	5550	1	5535	1	5546	0	5519	1
20	5502	1	5510	1	5528	1	5531	1
21	5545	1	5522	1	5530	1	5491	1
22	5493	1	5501	1	5494	1	5530	1
23	5535	1	5552	1	5548	1	5506	0
24	5491	1	5512	1	5556	1	5495	1
25	5532	1	5540	1	5519	1	5525	1
26	5554	1	5543	1	5520	1	5541	1
27	5500	1	5493	1	5553	1	5515	0



Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect
	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect
28	5549	1	5512	1	5556	1	5505	1
29	5547	1	5570	1	5558	1	5517	0
<b>Probability:</b>	<b>96.7%</b>		<b>93.3%</b>		<b>73.3%</b>		<b>96.7%</b>	
<b>Aggregate:</b>	<b>86.7% (≥80%)</b>							

Radar Type 1 - Radar Waveform							Radar Type 2 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	758.0	70	53060.0	Download	0	Type 2	3.7	226.0	27	6102.0
Download	1	Type 1	1.0	698.0	76	53048.0	Download	1	Type 2	1.0	159.0	23	3657.0
Download	2	Type 1	1.0	598.0	89	53222.0	Download	2	Type 2	4.9	160.0	29	4640.0
Download	3	Type 1	1.0	918.0	58	53244.0	Download	3	Type 2	1.3	173.0	23	3979.0
Download	4	Type 1	1.0	878.0	61	53558.0	Download	4	Type 2	4.4	191.0	28	5348.0
Download	5	Type 1	1.0	678.0	78	52884.0	Download	5	Type 2	3.9	188.0	27	5076.0
Download	6	Type 1	1.0	578.0	92	53176.0	Download	6	Type 2	3.8	162.0	27	4374.0
Download	7	Type 1	1.0	798.0	67	53466.0	Download	7	Type 2	4.2	163.0	28	4564.0
Download	8	Type 1	1.0	638.0	83	52954.0	Download	8	Type 2	3.7	164.0	27	4428.0
Download	9	Type 1	1.0	518.0	102	52836.0	Download	9	Type 2	1.5	228.0	23	5244.0
Download	10	Type 1	1.0	558.0	95	53010.0	Download	10	Type 2	1.0	216.0	23	4968.0
Download	11	Type 1	1.0	818.0	65	53170.0	Download	11	Type 2	4.4	206.0	28	5768.0
Download	12	Type 1	1.0	658.0	81	53298.0	Download	12	Type 2	1.0	187.0	23	4301.0
Download	13	Type 1	1.0	718.0	74	53132.0	Download	13	Type 2	4.3	222.0	28	6216.0
Download	14	Type 1	1.0	3066.0	18	55188.0	Download	14	Type 2	3.9	161.0	27	4347.0
Download	15	Type 1	1.0	1914.0	28	53592.0	Download	15	Type 2	4.2	212.0	28	5936.0
Download	16	Type 1	1.0	1206.0	44	53064.0	Download	16	Type 2	1.2	223.0	23	5129.0
Download	17	Type 1	1.0	2763.0	20	55260.0	Download	17	Type 2	1.3	197.0	23	4531.0
Download	18	Type 1	1.0	2384.0	23	54832.0	Download	18	Type 2	3.5	200.0	27	5400.0
Download	19	Type 1	1.0	2856.0	19	54302.0	Download	19	Type 2	4.4	209.0	28	5852.0
Download	20	Type 1	1.0	2864.0	19	54416.0	Download	20	Type 2	1.6	213.0	24	5112.0
Download	21	Type 1	1.0	1710.0	31	53010.0	Download	21	Type 2	4.2	156.0	28	4368.0
Download	22	Type 1	1.0	1140.0	47	53580.0	Download	22	Type 2	3.8	152.0	27	4104.0
Download	23	Type 1	1.0	835.0	64	53440.0	Download	23	Type 2	4.0	196.0	28	5468.0
Download	24	Type 1	1.0	950.0	56	53200.0	Download	24	Type 2	4.8	170.0	29	4930.0
Download	25	Type 1	1.0	2851.0	19	54169.0	Download	25	Type 2	3.0	169.0	26	4394.0
Download	26	Type 1	1.0	790.0	67	52930.0	Download	26	Type 2	3.3	221.0	26	5746.0
Download	27	Type 1	1.0	1269.0	42	53298.0	Download	27	Type 2	4.0	158.0	28	4424.0
Download	28	Type 1	1.0	1877.0	29	54433.0	Download	28	Type 2	2.1	203.0	24	4872.0
Download	29	Type 1	1.0	2939.0	18	52902.0	Download	29	Type 2	1.5	153.0	23	3519.0



Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.7	430.0	18	7740.0	Download	0	Type 4	17.1	430.0	15	8450.0
Download	1	Type 3	6.0	433.0	16	6928.0	Download	1	Type 4	11.1	433.0	12	5196.0
Download	2	Type 3	9.9	338.0	18	6084.0	Download	2	Type 4	19.6	338.0	16	5408.0
Download	3	Type 3	6.3	429.0	16	6864.0	Download	3	Type 4	11.8	429.0	12	5148.0
Download	4	Type 3	9.4	237.0	18	4266.0	Download	4	Type 4	18.6	237.0	16	3792.0
Download	5	Type 3	8.9	285.0	18	5130.0	Download	5	Type 4	17.4	285.0	15	4275.0
Download	6	Type 3	8.8	424.0	18	7632.0	Download	6	Type 4	17.2	424.0	15	6360.0
Download	7	Type 3	9.2	262.0	18	4716.0	Download	7	Type 4	18.2	262.0	15	3930.0
Download	8	Type 3	8.7	277.0	17	4709.0	Download	8	Type 4	17.0	277.0	15	4155.0
Download	9	Type 3	6.5	294.0	16	4704.0	Download	9	Type 4	12.1	294.0	12	3528.0
Download	10	Type 3	6.0	347.0	16	5552.0	Download	10	Type 4	11.0	347.0	12	4164.0
Download	11	Type 3	9.4	328.0	18	5904.0	Download	11	Type 4	18.5	328.0	16	5248.0
Download	12	Type 3	6.0	478.0	16	7648.0	Download	12	Type 4	11.0	478.0	12	5736.0
Download	13	Type 3	9.3	479.0	18	8622.0	Download	13	Type 4	18.3	479.0	16	7664.0
Download	14	Type 3	8.9	222.0	18	3996.0	Download	14	Type 4	17.4	222.0	15	3330.0
Download	15	Type 3	9.2	480.0	18	8640.0	Download	15	Type 4	18.2	480.0	15	7200.0
Download	16	Type 3	6.2	282.0	16	4512.0	Download	16	Type 4	11.6	282.0	12	3384.0
Download	17	Type 3	6.3	243.0	16	3888.0	Download	17	Type 4	11.6	243.0	12	2916.0
Download	18	Type 3	8.5	245.0	17	4185.0	Download	18	Type 4	16.7	245.0	15	3675.0
Download	19	Type 3	9.4	236.0	18	4248.0	Download	19	Type 4	18.7	236.0	16	3776.0
Download	20	Type 3	6.6	432.0	16	6912.0	Download	20	Type 4	12.4	432.0	12	5184.0
Download	21	Type 3	9.2	276.0	18	4968.0	Download	21	Type 4	18.2	276.0	15	4140.0
Download	22	Type 3	8.8	295.0	18	5310.0	Download	22	Type 4	17.3	295.0	15	4425.0
Download	23	Type 3	9.0	408.0	18	7344.0	Download	23	Type 4	17.7	408.0	15	6120.0
Download	24	Type 3	9.8	412.0	18	7416.0	Download	24	Type 4	19.6	412.0	16	6592.0
Download	25	Type 3	8.0	329.0	17	5593.0	Download	25	Type 4	15.6	329.0	14	4606.0
Download	26	Type 3	8.3	461.0	17	7837.0	Download	26	Type 4	16.1	461.0	14	8454.0
Download	27	Type 3	9.0	284.0	18	5112.0	Download	27	Type 4	17.8	284.0	15	4260.0
Download	28	Type 3	7.1	213.0	16	3408.0	Download	28	Type 4	13.5	213.0	13	2769.0
Download	29	Type 3	6.5	234.0	16	3744.0	Download	29	Type 4	12.1	234.0	12	2808.0





Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5530	1	15	5496.8	1
1	5530	1	16	5492.4	1
2	5530	1	17	5492.4	1
3	5530	1	18	5496	1
4	5530	1	19	5497.2	1
5	5530	1	20	5567.2	1
6	5530	1	21	5563.2	1
7	5530	0	22	5563.6	1
8	5530	1	23	5563.6	1
9	5530	1	24	5562	1
10	5492	1	25	5564.8	1
11	5497.2	1	26	5564.4	1
12	5492	1	27	5563.2	1
13	5496.8	1	28	5566.4	1
14	5496.4	1	29	5567.2	1
<b>Detection Percentage (%)</b>			<b>96.7%</b>		

Type 5 Radar Waveform_0						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
682594.0	83.7	15	3	1556.0	1351.0	1730.0
118494.0	50.5	15	1	1545.0	-	-
298655.0	97.7	15	3	1605.0	1606.0	1736.0
481411.0	54.7	15	1	1749.0	-	-
660449.0	92.3	15	3	1822.0	1119.0	1558.0
95851.0	85.6	15	3	1428.0	1145.0	1180.0
276593.0	84.2	15	3	1233.0	1314.0	1871.0
457595.0	89.8	15	3	1138.0	1041.0	1953.0
639772.0	83.1	15	2	1124.0	1512.0	-
73814.0	56.3	15	1	1156.0	-	-
255195.0	50.1	15	1	1849.0	-	-
435071.0	91.7	15	3	1392.0	1928.0	1227.0
618092.0	50.3	15	1	1853.0	-	-
51231.0	90.5	15	3	1184.0	1497.0	1548.0
232080.0	85.5	15	3	1007.0	1923.0	1375.0
412399.0	89.6	15	3	1723.0	1737.0	1813.0
Type 5 Radar Waveform_1						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1193562.0	53.5	5	1	1096.0	-	-
58175.0	53.6	5	1	1461.0	-	-
421145.0	81.4	5	2	1580.0	1562.0	-
783527.0	92.6	5	3	1501.0	1875.0	1012.0
1148802.0	57.7	5	1	1072.0	-	-
13383.0	89.9	5	3	1139.0	1143.0	1832.0
375926.0	85.1	5	3	1747.0	1720.0	1667.0
738984.0	87.1	5	3	1333.0	1685.0	1092.0

Type 5 Radar Waveform_2						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
438479.0	97.4	20	3	1574.0	1951.0	1153.0
584202.0	75.6	20	2	1679.0	1632.0	-
132198.0	78.3	20	2	1885.0	1565.0	-
276182.0	87.8	20	3	1578.0	1826.0	1551.0
422757.0	64.0	20	1	1760.0	-	-
568548.0	56.5	20	1	1023.0	-	-
114710.0	57.1	20	1	1712.0	-	-
259906.0	54.8	20	1	1498.0	-	-
404193.0	69.3	20	2	1756.0	1026.0	-
547295.0	88.6	20	3	1487.0	1626.0	1564.0
96445.0	96.1	20	3	1011.0	1283.0	1837.0
241240.0	87.4	20	3	1320.0	1040.0	1084.0
385842.0	74.2	20	2	1963.0	1607.0	-
531816.0	68.7	20	2	1003.0	1081.0	-
78545.0	92.9	20	3	1595.0	1590.0	1692.0
224097.0	58.0	20	1	1631.0	-	-
369509.0	61.5	20	1	1163.0	-	-
512471.0	80.6	20	2	1864.0	1945.0	-
60962.0	77.3	20	2	1784.0	1177.0	-
205104.0	84.5	20	3	1697.0	1999.0	1176.0
Type 5 Radar Waveform_3						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
782128.0	64.2	6	1	1302.0	-	-
1103919.0	68.4	6	2	1716.0	1116.0	-
96069.0	73.5	6	2	1686.0	1647.0	-
418187.0	96.9	6	3	1329.0	1721.0	1709.0
741575.0	79.4	6	2	1121.0	1544.0	-
1062361.0	87.4	6	3	1367.0	1835.0	1892.0
56344.0	80.9	6	2	1175.0	1960.0	-
379404.0	66.4	6	1	1575.0	-	-
701670.0	78.1	6	2	1745.0	1209.0	-

Type 5 Radar Waveform\_4

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
509915.0	96.0	18	3	1170.0	1335.0	1894.0
8282.0	79.4	18	2	1336.0	1897.0	-
168784.0	93.8	18	3	1310.0	1931.0	1567.0
331157.0	65.5	18	1	1088.0	-	-
491918.0	60.5	18	1	1983.0	-	-
653723.0	57.4	18	1	1374.0	-	-
149377.0	66.7	18	2	1259.0	1926.0	-
311009.0	57.2	18	1	1653.0	-	-
470536.0	96.5	18	3	1316.0	1531.0	1284.0
632015.0	75.7	18	2	1415.0	1883.0	-
129519.0	76.6	18	2	1824.0	1550.0	-
289793.0	99.3	18	3	1874.0	1750.0	1110.0
450185.0	95.4	18	3	1884.0	1775.0	1292.0
612323.0	72.4	18	2	1603.0	1559.0	-
110072.0	61.7	18	1	1144.0	-	-
270405.0	94.5	18	3	1036.0	1312.0	1437.0
430931.0	98.1	18	3	1638.0	1399.0	1123.0
594404.0	65.3	18	1	1031.0	-	-

Type 5 Radar Waveform\_5

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
95031.0	84.8	16	3	1246.0	1563.0	1829.0
266398.0	60.7	16	1	1219.0	-	-
435859.0	73.3	16	2	1861.0	1682.0	-
606016.0	81.0	16	2	1958.0	1796.0	-
74250.0	77.1	16	2	1542.0	1511.0	-
245237.0	62.6	16	1	1533.0	-	-
416144.0	50.5	16	1	1397.0	-	-
585746.0	72.9	16	2	1226.0	1681.0	-
53237.0	78.9	16	2	1528.0	1740.0	-
224230.0	52.1	16	1	1424.0	-	-
394208.0	81.5	16	2	1869.0	1115.0	-
565562.0	58.3	16	1	1890.0	-	-
32291.0	76.7	16	2	1048.0	1257.0	-
202804.0	75.6	16	2	1094.0	1648.0	-
372529.0	90.7	16	3	1896.0	1103.0	1268.0
543430.0	76.8	16	2	1557.0	1757.0	-
11265.0	73.4	16	2	1536.0	1179.0	-

Type 5 Radar Waveform\_6

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
193400.0	59.1	15	1	1989.0	-	-
375228.0	52.2	15	1	1167.0	-	-
555725.0	71.9	15	2	1612.0	1059.0	-
737779.0	63.7	15	1	1856.0	-	-
171059.0	61.3	15	1	1966.0	-	-
351693.0	76.2	15	2	1857.0	1780.0	-
534360.0	50.8	15	1	1325.0	-	-
715434.0	65.1	15	1	1851.0	-	-
148846.0	54.9	15	1	1293.0	-	-
330266.0	50.7	15	1	1665.0	-	-
509501.0	85.3	15	3	1649.0	1444.0	1877.0
692449.0	68.9	15	2	1028.0	1508.0	-
125907.0	96.1	15	3	1379.0	1967.0	1331.0
308143.0	61.7	15	1	1100.0	-	-
489445.0	52.4	15	1	1604.0	-	-
669267.0	81.3	15	2	1588.0	1898.0	-

Type 5 Radar Waveform\_7

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
92382.0	72.0	17	2	1062.0	1251.0	-
252613.0	96.1	17	3	1439.0	1243.0	1978.0
415202.0	55.6	17	1	1405.0	-	-
576343.0	54.7	17	1	1642.0	-	-
72602.0	64.9	17	1	1694.0	-	-
233775.0	52.3	17	1	1991.0	-	-
394384.0	81.2	17	2	1169.0	1823.0	-
556256.0	64.9	17	1	1905.0	-	-
52531.0	87.7	17	3	1260.0	1363.0	1661.0
213822.0	78.5	17	2	1054.0	1236.0	-
375542.0	64.6	17	1	1247.0	-	-
535851.0	75.8	17	2	1354.0	1228.0	-
32742.0	88.2	17	3	1493.0	1425.0	1378.0
193470.0	99.0	17	3	1850.0	1140.0	1024.0
355573.0	50.9	17	1	1416.0	-	-
517206.0	58.5	17	1	1045.0	-	-
12967.0	68.6	17	2	1968.0	1671.0	-
173591.0	99.1	17	3	1537.0	1349.0	1446.0

Type 5 Radar Waveform\_8

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
377596.0	52.6	15	1	1722.0	-	-
556759.0	92.2	15	3	1825.0	1888.0	1112.0
739639.0	76.1	15	2	1080.0	1571.0	-
173759.0	51.6	15	1	1729.0	-	-
354669.0	73.5	15	2	1707.0	1221.0	-
534445.0	84.6	15	3	1196.0	1787.0	1915.0
717009.0	72.5	15	2	1817.0	1150.0	-
151510.0	65.9	15	1	1211.0	-	-
331914.0	72.1	15	2	1929.0	1982.0	-
514510.0	61.8	15	1	1517.0	-	-
695770.0	65.3	15	1	1807.0	-	-
129104.0	53.9	15	1	1426.0	-	-
309880.0	82.9	15	2	1518.0	1778.0	-
489457.0	90.4	15	3	1939.0	1844.0	1828.0
672485.0	79.0	15	2	1629.0	1215.0	-
106491.0	77.0	15	2	1656.0	1516.0	-

Type 5 Radar Waveform\_9

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
512851.0	54.7	7	1	1677.0	-	-
835164.0	79.6	7	2	1342.0	1381.0	-
1156565.0	85.0	7	3	1222.0	1107.0	1904.0
149951.0	72.0	7	2	1117.0	1882.0	-
473304.0	58.4	7	1	1016.0	-	-
796071.0	56.8	7	1	1622.0	-	-
1118128.0	71.1	7	2	1492.0	1230.0	-
110368.0	56.9	7	1	1069.0	-	-
432895.0	76.1	7	2	1460.0	1422.0	-

Type 5 Radar Waveform\_10

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
850237.0	82.8	5	2	1719.0	1136.0	-
1214359.0	61.6	5	1	1601.0	-	-
79298.0	75.1	5	2	1451.0	1462.0	-
442137.0	76.9	5	2	1969.0	1795.0	-
806083.0	56.0	5	1	1792.0	-	-
1167337.0	99.9	5	3	1865.0	1395.0	1234.0
34577.0	76.7	5	2	1384.0	1393.0	-
397960.0	50.3	5	1	1801.0	-	-

Type 5 Radar Waveform\_11

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
336425.0	97.0	18	3	1624.0	1126.0	1868.0
499115.0	59.0	18	1	1791.0	-	-
661097.0	60.2	18	1	1057.0	-	-
156718.0	55.1	18	1	1908.0	-	-
317587.0	70.3	18	2	1015.0	1637.0	-
478740.0	72.5	18	2	1294.0	1207.0	-
639080.0	71.1	18	2	1751.0	1520.0	-
136634.0	82.3	18	2	1168.0	1830.0	-
297053.0	99.0	18	3	1133.0	1414.0	1660.0
458710.0	80.2	18	2	1254.0	1521.0	-
619512.0	69.3	18	2	1641.0	1361.0	-
116549.0	99.7	18	3	1357.0	1839.0	1270.0
276972.0	83.7	18	3	1591.0	1717.0	1593.0
438152.0	95.6	18	3	1523.0	1344.0	1004.0
599398.0	74.2	18	2	1662.0	1658.0	-
96757.0	96.8	18	3	1053.0	1996.0	1481.0
258679.0	61.1	18	1	1101.0	-	-
418106.0	94.3	18	3	1543.0	1485.0	1231.0

## Type 5 Radar Waveform\_12

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1307335.0	71.3	5	2	1818.0	1901.0	-
174059.0	73.5	5	2	1463.0	1300.0	-
536485.0	96.6	5	3	1814.0	1358.0	1547.0
899986.0	90.6	5	3	1104.0	1046.0	1158.0
1261630.0	95.9	5	3	1477.0	1860.0	1573.0
129356.0	71.1	5	2	1443.0	1021.0	-
492280.0	69.1	5	2	1602.0	1702.0	-
855765.0	75.6	5	2	1417.0	1032.0	-

## Type 5 Radar Waveform\_13

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
539082.0	90.7	17	3	1769.0	1594.0	1020.0
37486.0	73.0	17	2	1820.0	1435.0	-
197889.0	97.5	17	3	1800.0	1120.0	1994.0
358545.0	89.0	17	3	1408.0	1514.0	1695.0
521562.0	66.1	17	1	1494.0	-	-
17719.0	62.0	17	1	1313.0	-	-
178216.0	88.6	17	3	1483.0	1768.0	1303.0
340345.0	53.6	17	1	1534.0	-	-
499518.0	85.9	17	3	1194.0	1482.0	1699.0
661503.0	81.3	17	2	1684.0	1328.0	-
158827.0	68.7	17	2	1431.0	1490.0	-
319643.0	71.9	17	2	1465.0	1794.0	-
479653.0	84.4	17	3	1878.0	1173.0	1433.0
643257.0	57.0	17	1	1377.0	-	-
139394.0	63.9	17	1	1029.0	-	-
299020.0	89.8	17	3	1469.0	1592.0	1977.0
461740.0	59.5	17	1	1793.0	-	-
622267.0	76.6	17	2	1456.0	1111.0	-



Type 5 Radar Waveform\_14

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
126469.0	51.8	16	1	1474.0	-	-
297463.0	57.3	16	1	1114.0	-	-
466163.0	92.4	16	3	1840.0	1338.0	1288.0
635799.0	87.3	16	3	1725.0	1454.0	1816.0
105048.0	87.4	16	3	1277.0	1030.0	1690.0
275666.0	78.3	16	2	1190.0	1815.0	-
447304.0	65.8	16	1	1165.0	-	-
618132.0	61.7	16	1	1266.0	-	-
84204.0	78.5	16	2	1611.0	1345.0	-
255385.0	53.2	16	1	1027.0	-	-
426046.0	53.7	16	1	1504.0	-	-
597079.0	56.4	16	1	1269.0	-	-
63295.0	63.2	16	1	1956.0	-	-
232960.0	89.2	16	3	1887.0	1710.0	1546.0
403785.0	86.0	16	3	1468.0	1064.0	1091.0
573544.0	94.8	16	3	1019.0	1990.0	1301.0
42199.0	81.9	16	2	1675.0	1380.0	-

Type 5 Radar Waveform\_15

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
200451.0	98.2	17	3	1372.0	1802.0	1008.0
360856.0	84.8	17	3	1132.0	2000.0	1541.0
523582.0	59.9	17	1	1916.0	-	-
20062.0	64.1	17	1	1657.0	-	-
181509.0	57.2	17	1	1066.0	-	-
342745.0	61.0	17	1	1441.0	-	-
502543.0	80.0	17	2	1522.0	1952.0	-
195.0	59.6	17	1	1785.0	-	-
160759.0	92.9	17	3	1376.0	1519.0	1734.0
322105.0	78.1	17	2	1076.0	1944.0	-
482583.0	89.2	17	3	1005.0	1615.0	1056.0
645069.0	59.8	17	1	1935.0	-	-
141655.0	64.3	17	1	1467.0	-	-
302933.0	59.5	17	1	1586.0	-	-
464316.0	56.8	17	1	1471.0	-	-
624421.0	81.0	17	2	1666.0	1108.0	-
121576.0	69.2	17	2	1154.0	1442.0	-
282627.0	69.3	17	2	1529.0	1082.0	-

Type 5 Radar Waveform_16						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1001329.0	61.8	6	1	1317.0	-	-
1363008.0	83.2	6	2	1974.0	1319.0	-
229640.0	53.4	6	1	1061.0	-	-
591876.0	85.6	6	3	1819.0	1047.0	1491.0
955399.0	69.1	6	2	1744.0	1386.0	-
1318637.0	73.2	6	2	1752.0	1152.0	-
184841.0	54.3	6	1	1220.0	-	-
547193.0	83.6	6	3	1911.0	1186.0	1263.0

Type 5 Radar Waveform_17						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
909661.0	85.4	6	3	1473.0	1524.0	1811.0
1273012.0	100.0	6	3	1500.0	1383.0	1079.0
139837.0	79.5	6	2	1782.0	1880.0	-
502991.0	68.1	6	2	1440.0	1495.0	-
866079.0	79.6	6	2	1267.0	1663.0	-
1228474.0	85.9	6	3	1039.0	1002.0	1732.0
95049.0	89.7	6	3	1280.0	1763.0	1971.0
458054.0	75.2	6	2	1936.0	1696.0	-

Type 5 Radar Waveform\_18

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
410801.0	65.8	15	1	1241.0	-	-
592051.0	54.9	15	1	1680.0	-	-
25144.0	99.7	15	3	1050.0	1412.0	1527.0
206637.0	62.4	15	1	1954.0	-	-
386373.0	94.6	15	3	1921.0	1855.0	1434.0
566975.0	96.4	15	3	1770.0	1570.0	1913.0
2869.0	62.4	15	1	1051.0	-	-
183991.0	77.6	15	2	1436.0	1731.0	-
364018.0	94.6	15	3	1941.0	1975.0	1509.0
547509.0	50.2	15	1	1449.0	-	-
728197.0	76.6	15	2	1052.0	1279.0	-
161936.0	51.9	15	1	1985.0	-	-
343694.0	64.1	15	1	1242.0	-	-
522410.0	93.7	15	3	1598.0	1955.0	1797.0
704311.0	97.0	15	3	1017.0	1585.0	1370.0
139335.0	75.4	15	2	1937.0	1413.0	-

Type 5 Radar Waveform\_19

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
269066.0	94.0	18	3	1688.0	1291.0	1618.0
422122.0	69.9	18	2	1445.0	1673.0	-
575302.0	74.2	18	2	1252.0	1037.0	-
98726.0	61.5	18	1	1701.0	-	-
250972.0	78.4	18	2	1305.0	1698.0	-
404607.0	62.6	18	1	1155.0	-	-
557320.0	65.6	18	1	1364.0	-	-
79605.0	86.8	18	3	1212.0	1703.0	1181.0
232669.0	59.7	18	1	1715.0	-	-
385018.0	73.7	18	2	1034.0	1356.0	-
537438.0	75.7	18	2	1506.0	1093.0	-
60923.0	80.1	18	2	1833.0	1609.0	-
213250.0	80.2	18	2	1965.0	1526.0	-
365826.0	74.8	18	2	1639.0	1430.0	-
517628.0	98.5	18	3	1146.0	1683.0	1006.0
42300.0	53.3	18	1	1332.0	-	-
194623.0	70.2	18	2	1147.0	1900.0	-
346584.0	89.2	18	3	1560.0	1218.0	1135.0
498792.0	93.8	18	3	1324.0	1160.0	1455.0

Type 5 Radar Waveform\_20

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
44649.0	51.8	7	1	1089.0	-	-
334942.0	81.4	7	2	1237.0	1569.0	-
625906.0	56.8	7	1	1644.0	-	-
915924.0	74.7	7	2	1060.0	1396.0	-
8833.0	65.4	7	1	1025.0	-	-
299100.0	70.8	7	2	1617.0	1499.0	-
589308.0	75.9	7	2	1834.0	1432.0	-
878745.0	91.0	7	3	1240.0	1359.0	1767.0
1169633.0	68.9	7	2	1790.0	1646.0	-
262835.0	96.6	7	3	1676.0	1993.0	1758.0

Type 5 Radar Waveform\_21

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
307759.0	52.4	17	1	1323.0	-	-
467883.0	69.4	17	2	1125.0	1961.0	-
628102.0	91.7	17	3	1478.0	1295.0	1073.0
126553.0	53.0	17	1	1127.0	-	-
287947.0	54.1	17	1	1172.0	-	-
448067.0	74.1	17	2	1788.0	1285.0	-
610476.0	59.6	17	1	1475.0	-	-
106643.0	61.6	17	1	1296.0	-	-
267293.0	78.1	17	2	1805.0	1287.0	-
427508.0	96.8	17	3	1307.0	1281.0	1623.0
590363.0	53.2	17	1	1746.0	-	-
86314.0	89.4	17	3	1628.0	1360.0	1772.0
248123.0	62.8	17	1	1337.0	-	-
409412.0	52.7	17	1	1458.0	-	-
570021.0	70.9	17	2	1265.0	1038.0	-
66700.0	70.7	17	2	1907.0	1253.0	-
227902.0	82.4	17	2	1000.0	1343.0	-
387901.0	97.4	17	3	1161.0	1134.0	1962.0

Type 5 Radar Waveform_22						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
582022.0	69.8	16	2	1872.0	1189.0	-
49792.0	51.7	16	1	1141.0	-	-
219929.0	73.3	16	2	1947.0	1700.0	-
390483.0	81.8	16	2	1510.0	1706.0	-
560920.0	75.0	16	2	1655.0	1538.0	-
28603.0	100.0	16	3	1452.0	1387.0	1630.0
198798.0	95.2	16	3	1362.0	1043.0	1779.0
368143.0	94.0	16	3	1940.0	1906.0	1934.0
538560.0	87.2	16	3	1670.0	1914.0	1389.0
7636.0	95.2	16	3	1895.0	1774.0	1918.0
178628.0	58.8	16	1	1055.0	-	-
347813.0	90.8	16	3	1513.0	1842.0	1245.0
520115.0	52.4	16	1	1596.0	-	-
689339.0	71.6	16	2	1217.0	1997.0	-
156517.0	96.8	16	3	1927.0	1970.0	1876.0
327122.0	90.2	16	3	1480.0	1049.0	1515.0
499305.0	57.3	16	1	1271.0	-	-

Type 5 Radar Waveform_23						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
670204.0	54.2	16	1	1262.0	-	-
135906.0	84.0	16	3	1205.0	1742.0	1258.0
306895.0	77.1	16	2	1229.0	1118.0	-
476962.0	76.1	16	2	1713.0	1464.0	-
649152.0	50.6	16	1	1264.0	-	-
114986.0	88.8	16	3	1078.0	1738.0	1130.0
285149.0	91.8	16	3	1394.0	1208.0	1539.0
455257.0	92.1	16	3	1889.0	1058.0	1326.0
624453.0	92.4	16	3	1764.0	1903.0	1691.0
93924.0	90.5	16	3	1711.0	1741.0	1182.0
265041.0	62.5	16	1	1866.0	-	-
435048.0	68.5	16	2	1128.0	1933.0	-
606580.0	54.0	16	1	1812.0	-	-
73331.0	53.8	16	1	1206.0	-	-
243083.0	94.7	16	3	1429.0	1496.0	1614.0
413480.0	88.5	16	3	1273.0	1223.0	1535.0
584818.0	78.5	16	2	1341.0	1347.0	-

Type 5 Radar Waveform\_24

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
44320.0	71.2	20	2	1418.0	1198.0	-
189035.0	67.2	20	2	1373.0	1777.0	-
333677.0	73.3	20	2	1950.0	1402.0	-
478588.0	70.6	20	2	1847.0	1249.0	-
26393.0	94.5	20	3	1261.0	1755.0	1421.0
170988.0	91.7	20	3	1235.0	1109.0	1561.0
316766.0	57.8	20	1	1627.0	-	-
461700.0	60.1	20	1	1873.0	-	-
8600.0	86.9	20	3	1893.0	1286.0	1330.0
153821.0	64.5	20	1	1410.0	-	-
298777.0	52.8	20	1	1852.0	-	-
441975.0	87.3	20	3	1018.0	1909.0	1448.0
587052.0	94.4	20	3	1401.0	1250.0	1095.0
135616.0	81.7	20	2	1188.0	1643.0	-
279791.0	92.7	20	3	1718.0	1289.0	1224.0
424755.0	72.6	20	2	1810.0	1759.0	-
567893.0	95.4	20	3	1327.0	1984.0	1845.0
117962.0	66.6	20	1	1886.0	-	-
262094.0	86.7	20	3	1427.0	1166.0	1407.0
408022.0	55.3	20	1	1979.0	-	-

Type 5 Radar Waveform\_25

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
790663.0	71.3	13	2	1033.0	1171.0	-
142909.0	69.1	13	2	1917.0	1272.0	-
350538.0	62.9	13	1	1924.0	-	-
557408.0	81.5	13	2	1634.0	1129.0	-
762695.0	89.7	13	3	1390.0	1773.0	1753.0
117362.0	82.6	13	2	1846.0	1600.0	-
325071.0	59.4	13	1	1708.0	-	-
531685.0	82.7	13	2	1925.0	1157.0	-
739685.0	75.4	13	2	1083.0	1001.0	-
91927.0	83.1	13	2	1355.0	1450.0	-
298458.0	91.3	13	3	1204.0	1859.0	1664.0
507216.0	64.1	13	1	1318.0	-	-
714791.0	52.3	13	1	1306.0	-	-
66404.0	73.9	13	2	1748.0	1065.0	-

Type 5 Radar Waveform\_26

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
255751.0	50.4	14	1	1423.0	-	-
448768.0	79.5	14	2	1022.0	1579.0	-
641526.0	66.9	14	2	1582.0	1808.0	-
38093.0	86.7	14	3	1090.0	1183.0	1672.0
231776.0	59.7	14	1	1827.0	-	-
424108.0	92.3	14	3	1420.0	1540.0	1214.0
617366.0	69.2	14	2	1870.0	1987.0	-
14353.0	65.9	14	1	1625.0	-	-
207891.0	63.7	14	1	1981.0	-	-
400802.0	74.3	14	2	1771.0	1470.0	-
593478.0	89.0	14	3	1010.0	1409.0	1577.0
788593.0	54.7	14	1	1912.0	-	-
183672.0	98.1	14	3	1077.0	1486.0	1063.0
378013.0	58.8	14	1	1099.0	-	-
570880.0	69.8	14	2	1071.0	1275.0	-

Type 5 Radar Waveform\_27

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
672438.0	96.0	17	3	1131.0	1102.0	1899.0
141341.0	58.7	17	1	1854.0	-	-
310435.0	87.2	17	3	1980.0	1881.0	1728.0
482966.0	57.9	17	1	1669.0	-	-
652788.0	83.1	17	2	1297.0	1419.0	-
120401.0	57.2	17	1	1315.0	-	-
291135.0	52.0	17	1	1668.0	-	-
461721.0	54.2	17	1	1986.0	-	-
630359.0	91.8	17	3	1584.0	1552.0	1164.0
99060.0	81.0	17	2	1525.0	1862.0	-
270103.0	61.8	17	1	1652.0	-	-
439970.0	82.3	17	2	1404.0	1735.0	-
610079.0	75.2	17	2	1910.0	1608.0	-
77925.0	84.7	17	3	1014.0	1776.0	1932.0
249255.0	53.7	17	1	1113.0	-	-
418698.0	73.2	17	2	1879.0	1727.0	-
588354.0	88.7	17	3	1406.0	1988.0	1009.0

Type 5 Radar Waveform_28							
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
88297.0	85.0	9	3	1920.0	1391.0	1035.0	
352515.0	70.4	9	2	1137.0	1074.0	-	
616497.0	81.2	9	2	1042.0	1278.0	-	
881336.0	63.1	9	1	1304.0	-	-	
55969.0	55.7	9	1	1786.0	-	-	
320170.0	58.6	9	1	1599.0	-	-	
584368.0	56.9	9	1	1589.0	-	-	
845918.0	94.5	9	3	1754.0	1339.0	1891.0	
23362.0	86.1	9	3	1919.0	1930.0	1192.0	
287712.0	55.3	9	1	1282.0	-	-	
552029.0	55.4	9	1	1187.0	-	-	
Type 5 Radar Waveform_29							
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
995334.0	88.7	7	3	1783.0	1616.0	1244.0	
1317754.0	92.6	7	3	1411.0	1678.0	1382.0	
311019.0	84.9	7	3	1804.0	1976.0	1385.0	
633243.0	84.6	7	3	1705.0	1949.0	1298.0	
958010.0	50.6	7	1	1348.0	-	-	
1280972.0	62.8	7	1	1438.0	-	-	
271724.0	79.5	7	2	1659.0	1633.0	-	
594465.0	74.4	7	2	1858.0	1067.0	-	
917797.0	54.1	7	1	1959.0	-	-	



Radar Type 6 - Radar Statistical Performance			
Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
0	1	15	1
1	1	16	1
2	1	17	1
3	1	18	1
4	1	19	1
5	1	20	1
6	1	21	1
7	1	22	1
8	1	23	1
9	1	24	1
10	1	25	1
11	1	26	1
12	1	27	1
13	1	28	1
14	1	29	1
<b>Detection Percentage (%)</b>		<b>100%</b>	

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5592	5418	5495	5489	5464
5	5622	5261	5724	5688	5299
10	5559	5314	5432	5635	5572
15	5538	5700	5708	5387	5408
20	5629	5402	5626	5553	5376
25	5474	5537	5589	5348	5268
30	5492	5397	5681	5600	5478
35	5393	5334	5642	5674	5427
40	5373	5723	5509	5352	5445
45	5442	5316	5274	5297	5435
50	5254	5399	5487	5614	5667
55	5460	5715	5335	5494	5670
60	5447	5573	5382	5441	5395
65	5713	5413	5438	5706	5603
70	5404	5367	5265	5279	5523
75	5421	5318	5490	5540	5444
80	5313	5451	5599	5652	5280
85	5472	5303	5702	5252	5597
90	5310	5697	5604	5406	5272
95	5541	5609	5383	5497	5533

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5372	5279	5431	5650	5684
5	5664	5661	5324	5376	5603
10	5490	5578	5570	5258	5593
15	5529	5352	5336	5432	5600
20	5637	5471	5567	5545	5349
25	5362	5389	5317	5452	5302
30	5631	5383	5549	5277	5676
35	5532	5425	5438	5449	5687
40	5331	5447	5303	5374	5325
45	5399	5710	5350	5322	5605
50	5575	5538	5626	5437	5611
55	5648	5669	5525	5691	5597
60	5319	5454	5496	5328	5642
65	5344	5652	5720	5708	5509
70	5675	5487	5467	5589	5250
75	5713	5314	5643	5564	5299
80	5656	5321	5608	5473	5586
85	5646	5599	5494	5649	5472
90	5354	5475	5671	5417	5482
95	5423	5327	5622	5316	5588

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5530	5518	5367	5336	5526
5	5706	5683	5399	5442	5335
10	5421	5611	5453	5614	5617
15	5479	5439	5380	5317	5645
20	5637	5508	5634	5322	5628
25	5338	5423	5653	5673	5272
30	5506	5539	5496	5574	5516
35	5709	5602	5352	5511	5385
40	5543	5443	5681	5305	5482
45	5293	5403	5587	5384	5276
50	5589	5715	5260	5458	5361
55	5623	5510	5471	5484	5586
60	5274	5368	5688	5455	5600
65	5690	5369	5473	5470	5438
70	5701	5672	5283	5288	5610
75	5280	5613	5577	5297	5536
80	5583	5463	5502	5433	5612
85	5567	5308	5723	5394	5582
90	5378	5364	5250	5440	5382
95	5606	5311	5515	5676	5304

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5310	5282	5303	5497	5271
5	5370	5608	5474	5605	5542
10	5255	5631	5652	5648	5635
15	5705	5606	5425	5509	5556
20	5706	5546	5626	5295	5516
25	5665	5715	5258	5463	5279
30	5678	5694	5713	5704	5602
35	5280	5266	5462	5594	5701
40	5686	5440	5610	5285	5565
45	5351	5359	5260	5355	5640
50	5329	5461	5402	5549	5577
55	5430	5442	5485	5649	5344
60	5515	5623	5695	5666	5717
65	5724	5287	5395	5493	5441
70	5459	5570	5580	5252	5408
75	5278	5261	5588	5723	5358
80	5599	5483	5658	5405	5275
85	5672	5284	5270	5399	5689
90	5272	5712	5315	5721	5457
95	5437	5590	5684	5449	5692

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5565	5521	5714	5658	5588
5	5412	5630	5549	5293	5371
10	5661	5420	5693	5368	5656
15	5318	5258	5645	5470	5701
20	5564	5397	5487	5715	5268
25	5307	5614	5354	5386	5404
30	5379	5622	5494	5452	5514
35	5377	5320	5398	5530	5277
40	5301	5677	5639	5451	5437
45	5442	5265	5648	5312	5264
50	5611	5531	5691	5515	5284
55	5724	5262	5620	5526	5413
60	5339	5347	5546	5263	5392
65	5666	5663	5497	5287	5296
70	5610	5445	5573	5556	5590
75	5599	5431	5324	5717	5365
80	5261	5528	5480	5378	5405
85	5592	5635	5476	5613	5313
90	5647	5340	5718	5349	5506
95	5468	5474	5492	5671	5582

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5345	5285	5650	5344	5333
5	5454	5555	5624	5456	5578
10	5592	5306	5259	5563	5677
15	5309	5288	5651	5515	5418
20	5572	5466	5428	5707	5716
25	5670	5557	5490	5438	5421
30	5511	5377	5612	5604	5334
35	5516	5411	5669	5683	5666
40	5615	5577	5691	5434	5371
45	5720	5256	5370	5465	5626
50	5487	5267	5582	5668	5450
55	5485	5335	5384	5268	5504
60	5331	5654	5372	5684	5690
65	5699	5329	5574	5682	5528
70	5673	5363	5532	5549	5568
75	5551	5467	5320	5617	5395
80	5692	5347	5477	5573	5308
85	5531	5695	5571	5364	5420
90	5610	5505	5724	5286	5388
95	5480	5588	5547	5655	5310

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5503	5524	5586	5505	5650
5	5496	5577	5699	5522	5310
10	5426	5570	5300	5661	5698
15	5397	5415	5279	5463	5610
20	5483	5632	5466	5321	5689
25	5461	5318	5285	5691	5472
30	5497	5334	5352	5378	5532
35	5558	5502	5465	5361	5580
40	5454	5515	5456	5431	5700
45	5339	5428	5518	5416	5266
50	5408	5693	5405	5541	5439
55	5525	5639	5258	5669	5276
60	5486	5295	5630	5564	5638
65	5539	5377	5376	5514	5676
70	5687	5508	5440	5671	5513
75	5301	5394	5481	5651	5381
80	5410	5474	5390	5686	5373
85	5658	5288	5446	5668	5430
90	5670	5320	5648	5589	5605
95	5602	5289	5526	5380	5656

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5283	5288	5522	5569	5395
5	5635	5502	5299	5685	5614
10	5357	5359	5341	5381	5719
15	5485	5542	5382	5508	5424
20	5491	5323	5407	5313	5662
25	5349	5267	5391	5320	5506
30	5602	5386	5291	5567	5530
35	5352	5697	5593	5358	5611
40	5591	5293	5548	5453	5599
45	5428	5607	5583	5422	5486
50	5571	5303	5617	5584	5369
55	5307	5606	5459	5254	5393
60	5618	5458	5704	5526	5696
65	5415	5596	5673	5714	5513
70	5674	5371	5655	5448	5500
75	5301	5439	5484	5467	5409
80	5316	5656	5282	5549	5494
85	5432	5545	5473	5471	5585
90	5686	5312	5718	5383	5411
95	5441	5628	5360	5257	5698

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5538	5527	5458	5255	5712
5	5677	5524	5374	5373	5346
10	5288	5623	5382	5576	5265
15	5573	5669	5485	5553	5616
20	5499	5392	5348	5402	5635
25	5594	5424	5540	5644	5275
30	5723	5307	5304	5550	5361
35	5306	5629	5289	5505	5704
40	5631	5391	5364	5522	5536
45	5563	5447	5624	5568	5493
50	5285	5420	5396	5429	5442
55	5347	5333	5655	5675	5263
60	5722	5422	5619	5440	5462
65	5710	5581	5514	5617	5486
70	5460	5426	5281	5436	5702
75	5326	5604	5688	5612	5633
80	5468	5305	5589	5681	5575
85	5279	5323	5689	5448	5525
90	5291	5412	5639	5649	5625
95	5257	5472	5365	5329	5646

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5318	5291	5394	5416	5457
5	5719	5449	5536	5553	5597
10	5412	5520	5296	5286	5661
15	5321	5588	5501	5333	5410
20	5558	5386	5608	5503	5543
25	5322	5528	5574	5686	5261
30	5680	5425	5456	5370	5403
35	5397	5442	5419	5714	5329
40	5604	5519	5368	5505	5580
45	5455	5369	5461	5471	5582
50	5252	5250	5630	5679	5523
55	5474	5646	5687	5689	5683
60	5554	5345	5565	5641	5508
65	5649	5413	5406	5639	5569
70	5307	5612	5339	5385	5459
75	5578	5469	5301	5696	5500
80	5492	5266	5292	5374	5462
85	5690	5703	5672	5344	5278
90	5688	5644	5507	5360	5670
95	5363	5541	5620	5265	5526

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5573	5530	5330	5577	5299
5	5286	5471	5524	5602	5285
10	5528	5298	5561	5491	5307
15	5652	5351	5594	5546	5525
20	5418	5627	5327	5483	5581
25	5391	5395	5254	5608	5253
30	5625	5637	5640	5705	5568
35	5542	5488	5318	5692	5333
40	5382	5419	5645	5272	5516
45	5297	5523	5671	5563	5633
50	5720	5623	5522	5550	5572
55	5343	5713	5293	5520	5341
60	5379	5628	5386	5646	5464
65	5457	5685	5676	5442	5555
70	5407	5461	5315	5344	5597
75	5579	5513	5700	5355	5252
80	5250	5465	5284	5365	5695
85	5492	5410	5704	5387	5587
90	5328	5613	5466	5380	5376
95	5262	5554	5356	5295	5347

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5256	5294	5266	5263	5519
5	5425	5493	5599	5290	5589
10	5362	5562	5602	5328	5265
15	5478	5697	5591	5717	5426
20	5318	5268	5475	5554	5657
25	5722	5253	5358	5642	5392
30	5514	5594	5380	5382	5388
35	5681	5579	5370	5344	5696
40	5502	5583	5512	5513	5701
45	5503	5279	5524	5686	5607
50	5499	5338	5573	5285	5373
55	5516	5531	5587	5428	5490
60	5491	5470	5544	5670	5693
65	5472	5665	5406	5721	5455
70	5568	5720	5541	5410	5310
75	5291	5303	5566	5699	5559
80	5506	5629	5444	5395	5252
85	5289	5552	5379	5386	5664
90	5545	5479	5296	5339	5465
95	5312	5402	5278	5440	5368

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5511	5533	5677	5424	5264
5	5467	5418	5674	5453	5321
10	5293	5351	5643	5309	5349
15	5353	5605	5325	5636	5434
20	5337	5387	5306	5564	5527
25	5545	5671	5359	5462	5676
30	5500	5551	5595	5631	5683
35	5345	5670	5385	5523	5258
40	5632	5585	5521	5277	5510
45	5483	5362	5582	5397	5375
50	5514	5624	5374	5574	5363
55	5622	5541	5618	5599	5709
60	5615	5395	5488	5355	5660
65	5665	5537	5267	5262	5535
70	5344	5702	5662	5287	5472
75	5696	5507	5707	5298	5569
80	5252	5420	5333	5634	5484
85	5710	5485	5708	5329	5457
90	5338	5347	5572	5411	5626
95	5430	5312	5672	5490	5340

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5291	5297	5613	5585	5581
5	5509	5440	5652	5616	5528
10	5699	5615	5684	5504	5370
15	5441	5257	5428	5584	5626
20	5345	5553	5722	5556	5500
25	5336	5523	5562	5566	5710
30	5476	5389	5508	5713	5308
35	5406	5387	5383	5656	5298
40	5647	5471	5290	5459	5517
45	5604	5462	5463	5445	5640
50	5317	5284	5629	5690	5675
55	5560	5397	5307	5335	5495
60	5333	5603	5433	5253	5399
65	5454	5696	5446	5689	5304
70	5497	5633	5704	5610	5513
75	5386	5718	5407	5367	5273
80	5643	5539	5485	5543	5385
85	5570	5356	5427	5312	5391
90	5287	5682	5400	5491	5267
95	5578	5586	5443	5512	5343



Type 6 Radar Waveform\_14

Frequency List (MHz)	0	1	2	3	4
0	5546	5536	5549	5271	5326
5	5551	5365	5252	5304	5357
10	5533	5404	5250	5699	5391
15	5432	5384	5531	5629	5343
20	5353	5622	5663	5645	5473
25	5472	5290	5292	5269	5615
30	5375	5465	5453	5557	5701
35	5526	5474	5451	5658	5310
40	5373	5397	5660	5601	5294
45	5346	5528	5370	5505	5251
50	5649	5695	5523	5449	5426
55	5422	5307	5285	5564	5286
60	5619	5489	5512	5253	5635
65	5707	5525	5507	5293	5596
70	5613	5710	5597	5655	5376
75	5487	5416	5721	5316	5595
80	5324	5633	5256	5676	5350
85	5275	5583	5338	5502	5565
90	5497	5679	5363	5460	5567
95	5327	5609	5683	5303	5429

Type 6 Radar Waveform\_15

Frequency List (MHz)	0	1	2	3	4
0	5704	5300	5485	5335	5643
5	5690	5387	5327	5370	5564
10	5464	5290	5291	5419	5412
15	5520	5414	5537	5674	5632
20	5264	5313	5604	5637	5446
25	5587	5324	5493	5396	5303
30	5657	5422	5668	5709	5424
35	5665	5565	5345	5572	5624
40	5456	5425	5598	5698	5326
45	5611	5659	5436	5381	5567
50	5302	5263	5518	5573	5711
55	5403	5616	5619	5278	5254
60	5547	5593	5445	5435	5713
65	5677	5671	5539	5320	5310
70	5462	5582	5559	5614	5723
75	5607	5702	5568	5608	5580
80	5318	5253	5342	5579	5289
85	5678	5693	5292	5428	5700
90	5255	5600	5720	5329	5477
95	5622	5311	5662	5406	5627

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5484	5636	5421	5496	5388
5	5257	5312	5402	5533	5296
10	5395	5554	5429	5517	5433
15	5608	5541	5640	5719	5349
20	5272	5382	5642	5251	5419
25	5378	5651	5696	5500	5337
30	5699	5628	5379	5408	5483
35	5707	5656	5616	5282	5486
40	5463	5539	5273	5665	5595
45	5627	5306	5694	5717	5701
50	5268	5353	5352	5420	5424
55	5357	5331	5438	5724	5543
60	5492	5425	5271	5381	5439
65	5626	5274	5687	5588	5534
70	5716	5549	5573	5692	5252
75	5605	5683	5345	5718	5361
80	5305	5250	5634	5579	5606
85	5298	5561	5343	5676	5423
90	5650	5505	5341	5494	5677
95	5392	5502	5544	5509	5350

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5264	5400	5357	5657	5705
5	5299	5334	5477	5696	5600
10	5704	5343	5470	5712	5454
15	5668	5268	5667	5541	5280
20	5548	5583	5718	5392	5266
25	5327	5604	5274	5363	5614
30	5336	5526	5635	5442	5371
35	5272	5509	5532	5497	5399
40	5719	5686	5430	5592	5459
45	5286	5302	5678	5432	5588
50	5511	5444	5404	5538	5542
55	5364	5612	5311	5521	5257
60	5695	5672	5584	5437	5354
65	5669	5424	5262	5575	5646
70	5581	5482	5391	5703	5651
75	5525	5564	5372	5664	5597
80	5353	5617	5469	5722	5448
85	5261	5587	5297	5352	5585
90	5684	5387	5450	5376	5523
95	5645	5337	5504	5682	5707

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5519	5639	5293	5343	5450
5	5341	5259	5552	5384	5332
10	5635	5607	5511	5432	5475
15	5687	5320	5371	5712	5258
20	5666	5714	5524	5365	5532
25	5452	5530	5330	5308	5405
30	5503	5266	5409	5262	5510
35	5363	5305	5685	5411	5713
40	5327	5527	5573	5686	5388
45	5385	5261	5485	5378	5387
50	5620	5455	5627	5325	5265
55	5711	5454	5569	5326	5274
60	5382	5661	5495	5370	5463
65	5682	5413	5277	5572	5300
70	5637	5722	5484	5501	5491
75	5533	5395	5319	5645	5366
80	5398	5633	5507	5719	5549
85	5321	5394	5348	5600	5441
90	5275	5618	5621	5647	5559
95	5625	5312	5360	5298	5715

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5299	5403	5704	5504	5292
5	5480	5281	5627	5450	5539
10	5566	5396	5552	5496	5300
15	5447	5474	5282	5674	5308
20	5562	5324	5338	5420	5401
25	5258	5434	5342	5392	5250
30	5481	5561	5557	5649	5551
35	5576	5363	5325	5410	5465
40	5683	5695	5721	5468	5319
45	5538	5265	5263	5321	5506
50	5716	5663	5630	5416	5694
55	5426	5273	5540	5358	5439
60	5424	5493	5316	5286	5473
65	5621	5623	5644	5375	5372
70	5347	5333	5477	5405	5515
75	5462	5626	5529	5476	5654
80	5322	5667	5619	5269	5385
85	5284	5399	5262	5302	5373
90	5261	5440	5624	5655	5571
95	5642	5367	5441	5671	5384

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5457	5642	5640	5665	5512
5	5522	5681	5702	5613	5368
10	5400	5282	5593	5347	5517
15	5388	5477	5480	5705	5682
20	5474	5503	5413	5311	5686
25	5253	5461	5538	5376	5586
30	5378	5696	5335	5280	5691
35	5372	5336	5391	5590	5403
40	5578	5680	5624	5604	5551
45	5591	5530	5614	5497	5557
50	5330	5389	5648	5616	5567
55	5511	5487	5369	5325	5719
60	5262	5422	5657	5455	5439
65	5653	5541	5706	5350	5356
70	5409	5374	5635	5508	5607
75	5306	5435	5255	5464	5288
80	5546	5344	5494	5353	5621
85	5459	5605	5252	5689	5411
90	5659	5425	5569	5266	5446
95	5289	5498	5489	5492	5548

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5712	5406	5576	5351	5354
5	5564	5703	5302	5301	5575
10	5331	5546	5634	5445	5538
15	5476	5604	5583	5275	5359
20	5593	5543	5444	5405	5284
25	5574	5580	5664	5642	5410
30	5628	5267	5639	5339	5487
35	5355	5258	5265	5291	5250
40	5327	5673	5341	5721	5677
45	5553	5584	5338	5547	5417
50	5393	5608	5419	5687	5421
55	5317	5505	5709	5386	5482
60	5616	5294	5314	5254	5545
65	5305	5310	5371	5693	5665
70	5456	5613	5692	5450	5409
75	5332	5368	5343	5280	5651
80	5588	5558	5599	5691	5318
85	5281	5666	5485	5307	5686
90	5570	5394	5279	5295	5626
95	5671	5676	5477	5720	5549

Type 6 Radar Waveform\_22

Frequency List (MHz)	0	1	2	3	4
0	5492	5645	5512	5415	5574
5	5703	5628	5377	5464	5307
10	5640	5335	5675	5559	5467
15	5256	5686	5320	5551	5601
20	5709	5482	5494	5257	5365
25	5529	5295	5271	5444	5670
30	5631	5596	5554	5261	5298
35	5349	5536	5639	5641	5281
40	5279	5486	5674	5385	5564
45	5717	5396	5600	5682	5269
50	5374	5659	5605	5510	5268
55	5505	5459	5424	5583	5356
60	5270	5259	5561	5468	5251
65	5511	5632	5497	5678	5453
70	5258	5308	5327	5690	5400
75	5697	5569	5472	5478	5610
80	5476	5666	5367	5403	5535
85	5358	5642	5477	5460	5264
90	5660	5553	5326	5315	5532
95	5490	5462	5699	5652	5357

Type 6 Radar Waveform\_23

Frequency List (MHz)	0	1	2	3	4
0	5272	5409	5448	5576	5416
5	5270	5650	5452	5530	5611
10	5571	5599	5716	5360	5580
15	5555	5383	5314	5365	5609
20	5303	5423	5486	5705	5253
25	5381	5498	5472	5478	5712
30	5617	5553	5294	5413	5593
35	5536	5440	5332	5694	5480
40	5364	5692	5251	5293	5544
45	5325	5357	5653	5569	5620
50	5550	5710	5333	5687	5693
55	5614	5402	5327	5399	5624
60	5301	5393	5672	5334	5269
65	5668	5707	5396	5379	5664
70	5582	5284	5286	5659	5490
75	5344	5406	5541	5607	5671
80	5644	5330	5403	5312	5415
85	5297	5625	5597	5338	5435
90	5587	5474	5581	5280	5505
95	5355	5302	5704	5309	5574

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5430	5648	5384	5262	5636
5	5312	5575	5527	5693	5343
10	5502	5388	5379	5555	5601
15	5643	5510	5417	5313	5557
20	5520	5469	5364	5678	5616
25	5330	5701	5576	5512	5376
30	5506	5509	5662	5316	5675
35	5628	5700	5372	5564	5319
40	5544	5630	5491	5290	5621
45	5524	5408	5415	5706	5359
50	5496	5251	5286	5308	5534
55	5406	5367	5329	5696	5298
60	5528	5314	5721	5595	5715
65	5535	5607	5539	5288	5718
70	5548	5272	5556	5431	5260
75	5720	5531	5543	5411	5267
80	5357	5473	5604	5391	5472
85	5583	5390	5690	5368	5363
90	5663	5495	5315	5373	5631
95	5695	5447	5349	5642	5458

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5685	5412	5320	5423	5478
5	5354	5597	5602	5381	5550
10	5336	5652	5420	5275	5622
15	5256	5540	5358	5274	5528
20	5538	5402	5567	5651	5407
25	5657	5429	5680	5546	5418
30	5492	5467	5627	5339	5611
35	5719	5496	5525	5633	5568
40	5634	5287	5504	5491	5473
45	5284	5624	5427	5337	5397
50	5357	5497	5321	5519	5269
55	5560	5479	5666	5532	5518
60	5661	5261	5642	5643	5558
65	5521	5620	5258	5656	5280
70	5711	5679	5500	5663	5554
75	5609	5290	5637	5667	5683
80	5472	5425	5353	5310	5317
85	5315	5480	5379	5577	5556
90	5366	5697	5539	5631	5442
95	5486	5523	5545	5608	5464

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5465	5651	5256	5584	5698
5	5493	5522	5677	5544	5282
10	5267	5538	5461	5373	5643
15	5722	5667	5526	5403	5466
20	5536	5704	5343	5656	5624
25	5295	5509	5632	5309	5580
30	5460	5381	5424	5367	5588
35	5334	5478	5335	5292	5300
40	5489	5569	5710	5409	5399
45	5284	5479	5387	5671	5434
50	5337	5511	5626	5603	5388
55	5583	5655	5325	5685	5275
60	5709	5712	5618	5689	5644
65	5708	5344	5607	5559	5591
70	5679	5581	5450	5324	5314
75	5719	5659	5507	5590	5638
80	5372	5308	5697	5296	5480
85	5546	5326	5352	5501	5375
90	5364	5413	5502	5676	5271
95	5587	5513	5645	5385	5602

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5720	5415	5667	5270	5540
5	5535	5544	5277	5610	5586
10	5673	5327	5502	5568	5664
15	5335	5319	5629	5448	5658
20	5447	5298	5284	5648	5597
25	5561	5458	5263	5510	5614
30	5599	5381	5582	5265	5520
35	5426	5563	5453	5403	5408
40	5318	5347	5639	5281	5311
45	5367	5279	5492	5390	5301
50	5304	5439	5672	5478	5269
55	5398	5704	5424	5531	5589
60	5343	5334	5653	5293	5645
65	5553	5285	5618	5316	5602
70	5386	5705	5662	5356	5566
75	5341	5331	5268	5571	5548
80	5590	5490	5498	5598	5278
85	5681	5376	5694	5322	5360
90	5333	5391	5539	5719	5677
95	5497	5332	5507	5427	5303

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5500	5654	5603	5431	5285
5	5577	5469	5352	5298	5318
10	5507	5591	5543	5288	5685
15	5423	5446	5257	5396	5375
20	5455	5464	5700	5262	5570
25	5449	5310	5466	5614	5648
30	5641	5256	5338	5322	5514
35	5659	5517	5456	5606	5317
40	5722	5498	5404	5715	5347
45	5362	5550	5346	5663	5281
50	5480	5490	5286	5679	5586
55	5658	5350	5560	5472	5499
60	5598	5600	5568	5596	5583
65	5489	5623	5515	5308	5555
70	5313	5287	5680	5542	5556
75	5451	5411	5552	5325	5557
80	5478	5495	5278	5523	5339
85	5314	5509	5276	5608	5531
90	5397	5573	5504	5311	5387
95	5588	5422	5282	5320	5264

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5658	5418	5539	5592	5602
5	5619	5491	5427	5461	5525
10	5438	5380	5584	5483	5706
15	5511	5573	5360	5441	5567
20	5463	5630	5263	5254	5543
25	5715	5259	5669	5718	5682
30	5683	5620	5673	5440	5666
35	5647	5323	5608	5252	5381
40	5328	5561	5581	5698	5547
45	5372	5327	5445	5399	5453
50	5632	5656	5541	5375	5502
55	5535	5299	5612	5707	5531
60	5601	5664	5432	5394	5542
65	5309	5690	5358	5407	5586
70	5627	5290	5529	5518	5515
75	5657	5571	5457	5533	5480
80	5713	5364	5721	5638	5492
85	5513	5462	5506	5377	5665
90	5500	5607	5386	5420	5442
95	5572	5320	5639	5423	5353



## Appendix B – Test Setup Photograph

Refer to “2308RSU087-UT” file.

## Appendix C – EUT Photograph

Refer to “2308RSU087-UE” file.

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