

DFS MEASUREMENT REPORT

FCC PART 15 Subpart E

FCC ID: 2AXJ4RE600X

Applicant: TP-Link Corporation Limited

Application Type: Certification

Product: AX1800 Wi-Fi 6 Range Extender

Model No.: RE600X

Brand Name: tp-link

FCC Classification: Unlicensed National Information Infrastructure (NII)

FCC Rule Part(s): Part 15 Subpart E - 15.407 Section (h)(2)

Type of Device: Master Device

Receive Date: February 07, 2021

Test Date: April 13 ~ August 25, 2021

Tested By : Kevin Ker
(Kevin Ker)

Reviewed By : Paddy Chen
(Paddy Chen)

Approved By : Chenz Ker
(Chenz Ker)



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 D02v02. 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 (Taiwan) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2101TW0004-U3	Rev. 01	Initial report	2021-08-25	Valid

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General Information

Applicant	TP-Link Corporation Limited
Applicant Address	Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hongkong
Manufacturer	TP-Link Corporation Limited
Manufacturer Address	Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hongkong
Test Site	MRT Technology (Taiwan) Co., Ltd
Test Site Address	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)
MRT FCC Registration No.	291082
FCC Rule Part(s)	Part 15.407
Test Device Serial No.	N/A <input type="checkbox"/> Production <input checked="" type="checkbox"/> Pre-Production <input type="checkbox"/> Engineering

Test Facility / Accreditations

1. MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Taiwan, EU and TELEC Rules.

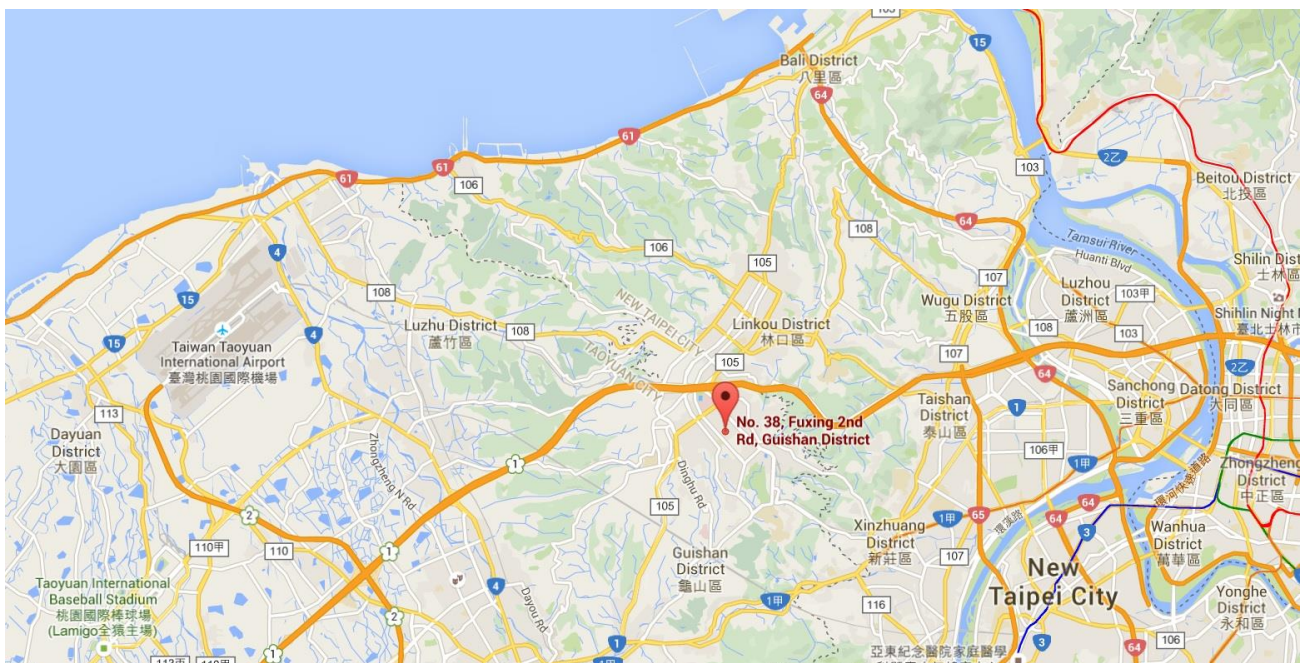
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada and Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).



2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name:	AX1800 Wi-Fi 6 Range Extender
Model No.:	RE600X
Brand Name:	tp-link
Wi-Fi Specification:	802.11a/b/g/n/ac/ax
EUT Identification No.:	20210207Sample#22
Operating Mode:	Master
Frequency Range:	<p><u>2.4GHz:</u> For 802.11b/g/n-HT20/ax-HE20: 2412 ~ 2462 MHz For 802.11n-HT40/ax-HE40: 2422 ~ 2452 MHz</p> <p><u>5GHz:</u> For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5180~5240MHz, 5260~5320MHz, 5500~5700MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5190~5230MHz, 5270~5310MHz, 5510~5670MHz, 5755~5795MHz For 802.11ac-VHT80/ax-HE80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5775MHz</p>
Type of Modulation:	802.11b: DSSS 802.11a/g/n/ac: OFDM 802.11ax: OFDMA
TPC mechanism:	Support (Details refer to operational description)
Power-on cycle:	Requires 39.9 seconds to complete its power-on cycle
Uniform Spreading (For DFS Frequency Band):	For the 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.

2.2. Operating Frequency and Channel List for this Report

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

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	--	--	--	--

802.11ac-VHT80/ax-HE80

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	122	5610 MHz

2.3. Description of Available Antennas

Antenna Type	Frequency Band (MHz)	T _x Paths	Max Antenna Gain (dBi)	Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
					For Power	For PSD
PCB Antenna	2412 ~ 2462	2	1.00	4.01	1.00	4.01
	5150 ~ 5250	2	1.94	4.95	1.94	4.95
	5250 ~ 5350	2	1.34	4.35	1.34	4.35
	5470 ~ 5725	2	2.00	5.01	2.00	5.01
	5725 ~ 5850	2	1.96	4.97	1.96	4.97

Note 1: The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,
 Array Gain = $10 \log (N_{ANT} / N_{SS})$ dB;
- For power measurements on IEEE 802.11 devices,
 Array Gain = 0 dB for $N_{ANT} \leq 4$;

Note 2: The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac/ax, not include 802.11a/b/g. BF Directional gain = $G_{ANT} + 10 \log(N_{ANT})$.

Note 3: All information declared by manufacturer.

2.4. Test Channels for this Report

Test Mode	Test Channel	Test Frequency
802.11ax-HE20	100	5500 MHz
802.11ax-HE40	102	5510 MHz
802.11ax-HE80	106	5530 MHz

2.5. Test Mode

Test Mode	Mode 1: Operating under AP mode Mode 2: Operating under Mesh mode Mode 3: Operating under Client with Radar Detection Mode
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2.6. Applied Standards

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

- FCC Part15 Subpart E (Section 15.407 Section (h)(2))
- KDB 905462 D02v02
- KDB 905462 D04v01

3. DFS DETECTION THRESHOLDS AND RADAR TEST WAVEFORMS

3.1. Applicability

The following table from FCC KDB 905462 D02 UNII 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 UNII 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.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.	

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate 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.

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.

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

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

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

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

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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right), \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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 1: 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 UNII 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.

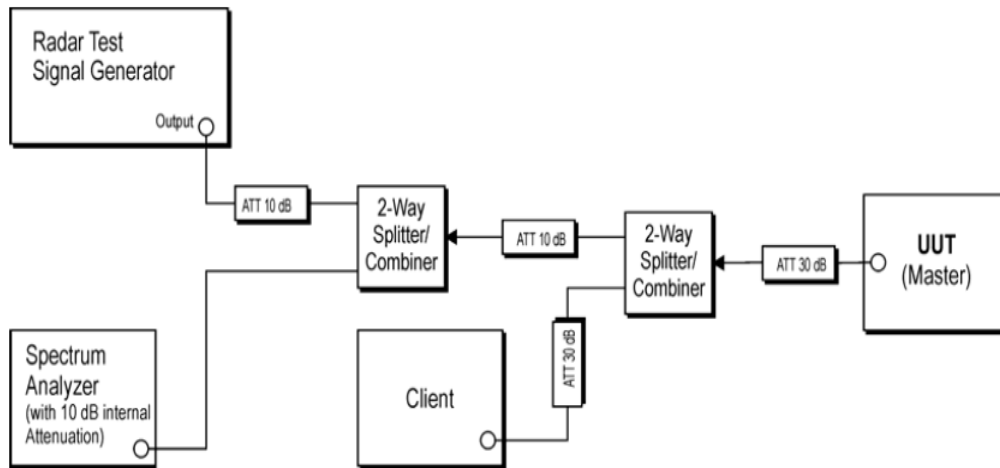


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

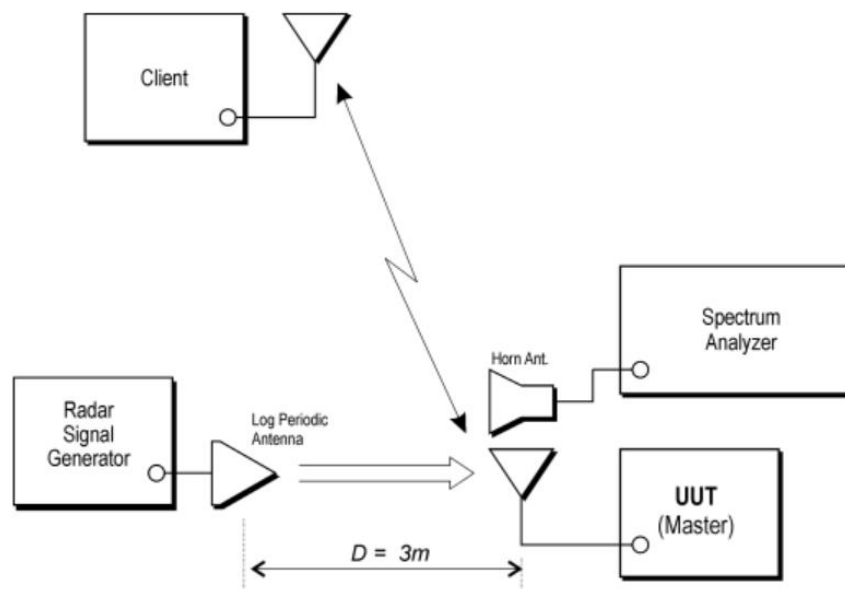


Figure 3-2: Radiated Test Setup where UUT is a Master and Radar Test Waveforms are injected into the UUT

4. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (DFS)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2021/10/2
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2021/10/14
Signal Analyzer	R&S	FSV40	MRTTWA00007	1 year	2022/3/23
Vector Signal Generator	Keysight	N5182B	MRTTWA00010	1 year	2022/4/19
Combiner	WOKEN	0120A04208001S	MRTTWE00008	1 year	2021/9/18

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wi-Fi Module	Intel	AX200NGW	FCC ID: PD9AX200NG
AX1800 Wi-Fi 6 Range Extender	tp-link	RE600X	FCC ID: 2AXJ4RE600X

Software	Version	Manufacturer	Function
Pulse Building(N7607B)	V3.0.0	Keysight	Radar Signal Generation Software
DFS Tool	V6.7	Keysight	DFS Test Software

5. TEST RESULT

5.1. Summary

Parameter	Limit	Test Result	Reference
UNII Detection Bandwidth Measurement	Refer Table 3-3	Pass	Section 5.4
Initial Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.5
Radar Burst at the Beginning of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.6
Radar Burst at the End of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.7
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Refer Table 3-3	Pass	Section 5.8
Non-Occupancy Period	Refer Table 3-3	Pass	Section 5.8
Statistical Performance Check	Refer Table 3-3	Pass	Section 5.9

5.2. Radar Waveform Calibration

5.2.1. Calibration Setup

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

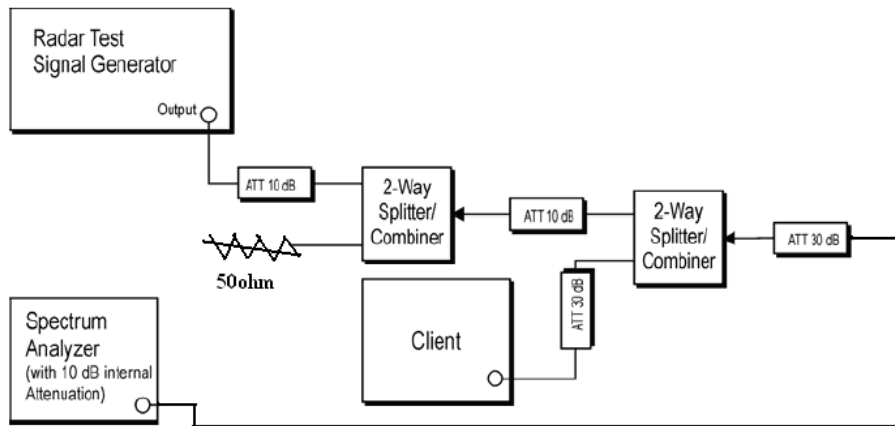


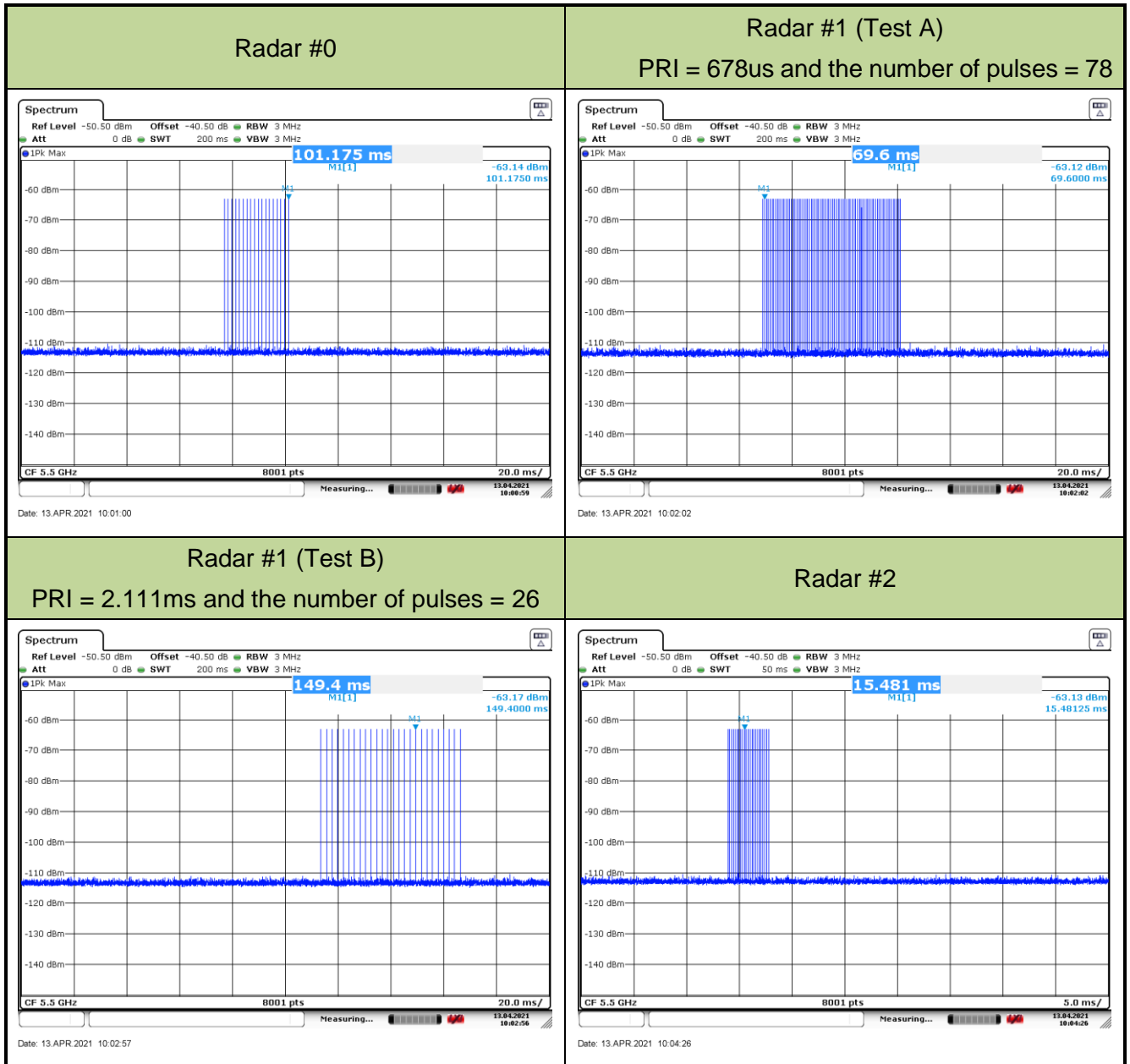
Figure 3-2: Conducted Test Setup

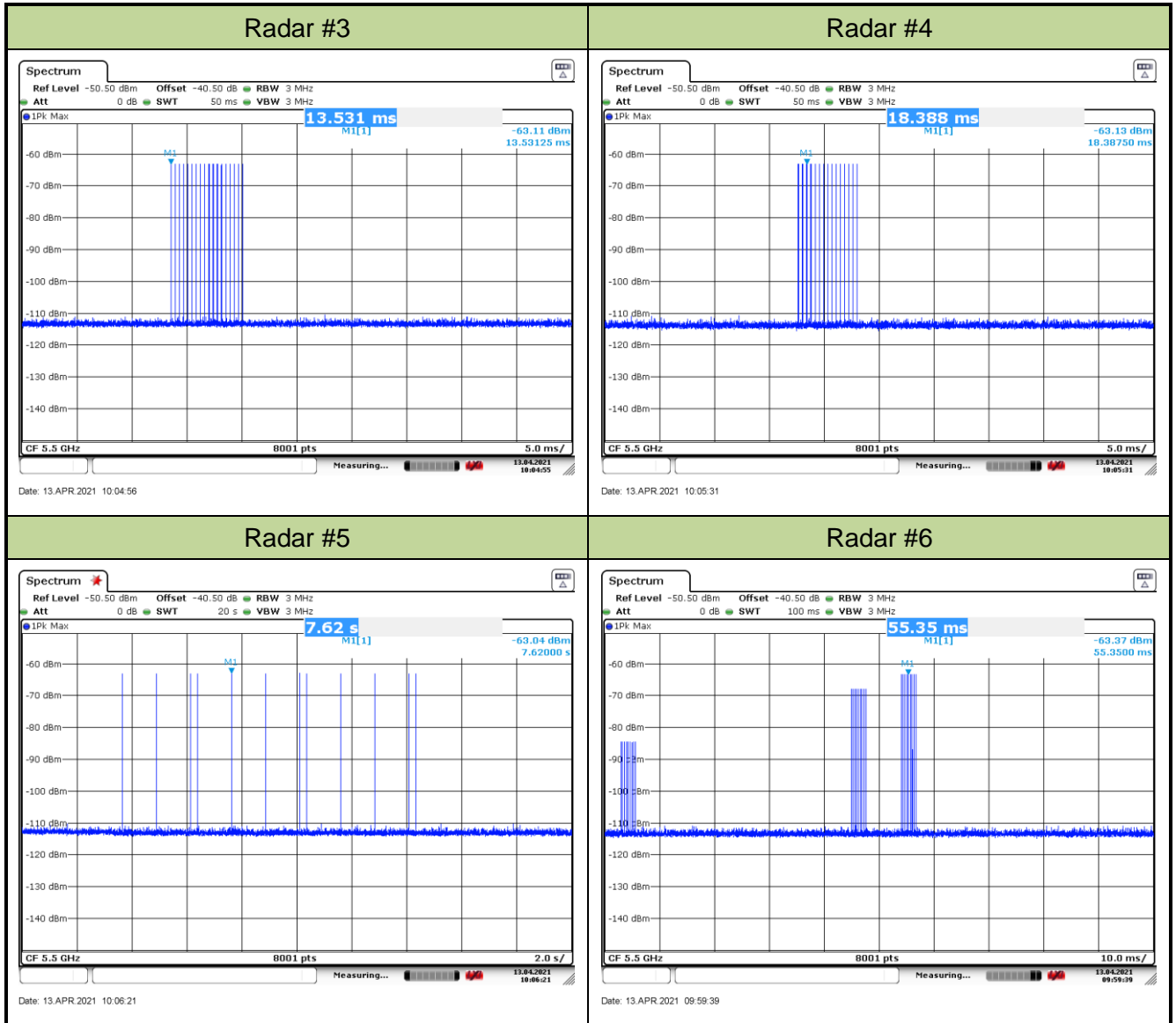
5.2.2. Calibration Procedure

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. Cablibration Result

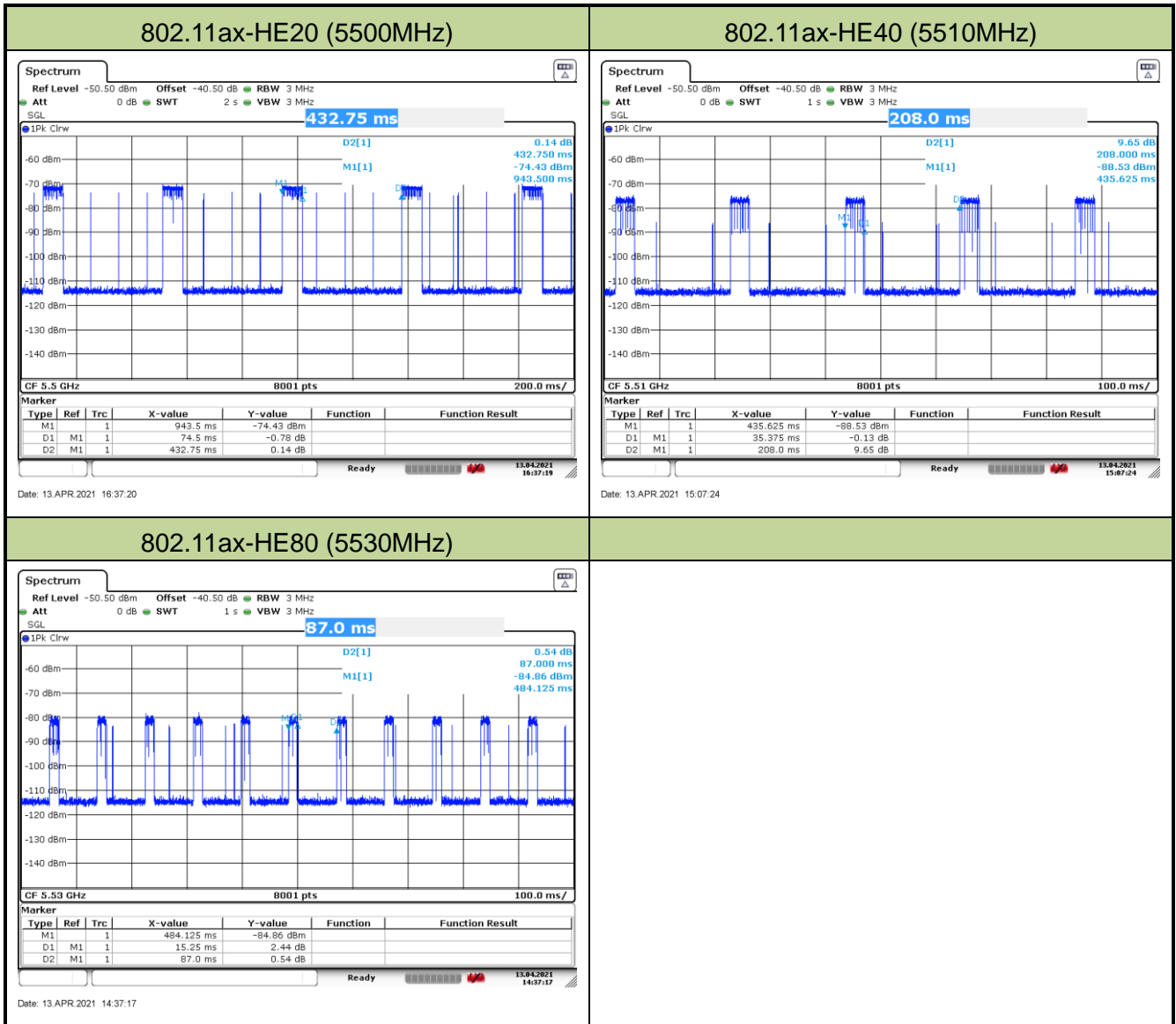
Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Radar Waveform Calibration		





5.2.4. Channel Loading Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Channel Loading – Mode 1		



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	17.22%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	17.01%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	17.53%	≥ 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).

5.3. UNII Detection Bandwidth Measurement

5.3.1. Test Limit

Minimum 100% of the UNII 99% transmission power bandwidth. During the U-NII Detection Bandwidth detection test, each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

5.3.2. Test Procedure

1. Adjust the equipment to produce a single Burst of any one of the Short Pulse Radar Types 0-4 in Table 3-5 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.
2. The generating equipment is configured as shown in the Conducted Test Setup above section 3.5.
3. The EUT is set up as a stand-alone device (no associated Client or Master, as appropriate) and no traffic. Frame based systems will be set to a talk/listen ratio reflecting the worst case (maximum) that is user configurable during this test.
4. Generate a single radar Burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform using the specified U-NII Detection Bandwidth criterion shown in Table 3-5. In cases where the channel bandwidth may exceed past the DFS band edge on specific channels (i.e., 802.11ac or wideband frame based systems) select a channel that has the entire emission bandwidth within the DFS band. If this is not possible, test the detection BW to the DFS band edge.
5. Starting at the center frequency of the UUT operating Channel, increase the radar frequency in 5 MHz steps, repeating the above test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion specified in Table 3-3. Repeat this measurement in 1MHz steps at frequencies 5 MHz below where the detection rate begins to fall. Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.
6. Starting at the center frequency of the EUT operating Channel, decrease the radar frequency in 1 MHz steps, repeating the above item 4 test sequence, until the detection rate falls below the U-NII Detection Bandwidth criterion. Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.
7. The U-NII Detection Bandwidth is calculated as follows: $U\text{-NII Detection Bandwidth} = FH - FL$
8. The U-NII Detection Bandwidth must be at least 100% of the EUT transmitter 99% power, otherwise, the EUT does not comply with DFS requirements.

5.3.3. Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz) – Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509	1	1	1	1	1	1	1	1	1	1	100%
5510	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 17.57MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5509MHz – 5491MHz = 18MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.57MHz x 100% = 17.57MHz.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz) – Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5526	1	1	1	1	1	1	1	1	1	1	100%
5527	1	1	1	1	1	1	1	1	1	1	100%
5528	1	1	1	1	1	1	1	1	1	1	100%
5529 FH	1	1	1	1	1	1	1	1	1	1	100%
5530	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 36.11MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5529MHz - 5491MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 36.11MHz x 100% = 36.11MHz.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz) – Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5566	1	1	1	1	1	1	1	1	1	1	100%
5567	1	1	1	1	1	1	1	1	1	1	100%
5568	1	1	1	1	1	1	1	1	1	1	100%
5569 FH	1	1	1	1	1	1	1	1	1	1	100%
5570	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 75.36MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5569MHz - 5491MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.36MHz x 100% = 75.36MHz.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz) – Mode 2		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5566	1	1	1	1	1	1	1	1	1	1	100%
5567	1	1	1	1	1	1	1	1	1	1	100%
5568	1	1	1	1	1	1	1	1	1	1	100%
5569	1	1	1	1	1	1	1	1	1	1	100%
5570 FH	1	1	1	1	1	1	1	1	1	1	0%
5571	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 75.36MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5570MHz - 5491MHz = 79MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): $75.36\text{MHz} \times 100\% = 75.36\text{MHz}$.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz) – Mode 3		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509	1	1	1	1	1	1	1	1	1	1	100%
5510	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 17.57MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5509MHz – 5491MHz = 18MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.57MHz x 100% = 17.57MHz.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz) – Mode 3		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5526	1	1	1	1	1	1	1	1	1	1	100%
5527	1	1	1	1	1	1	1	1	1	1	100%
5528	1	1	1	1	1	1	1	1	1	1	100%
5529 FH	1	1	1	1	1	1	1	1	1	1	100%
5530	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 36.11MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5529MHz - 5491MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 36.11MHz x 100% = 36.11MHz.



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz) – Mode 3		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5566	1	1	1	1	1	1	1	1	1	1	100%
5567	1	1	1	1	1	1	1	1	1	1	100%
5568	1	1	1	1	1	1	1	1	1	1	100%
5569 FH	1	1	1	1	1	1	1	1	1	1	100%
5570	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 75.36MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5569MHz - 5491MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.36MHz x 100% = 75.36MHz.

5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

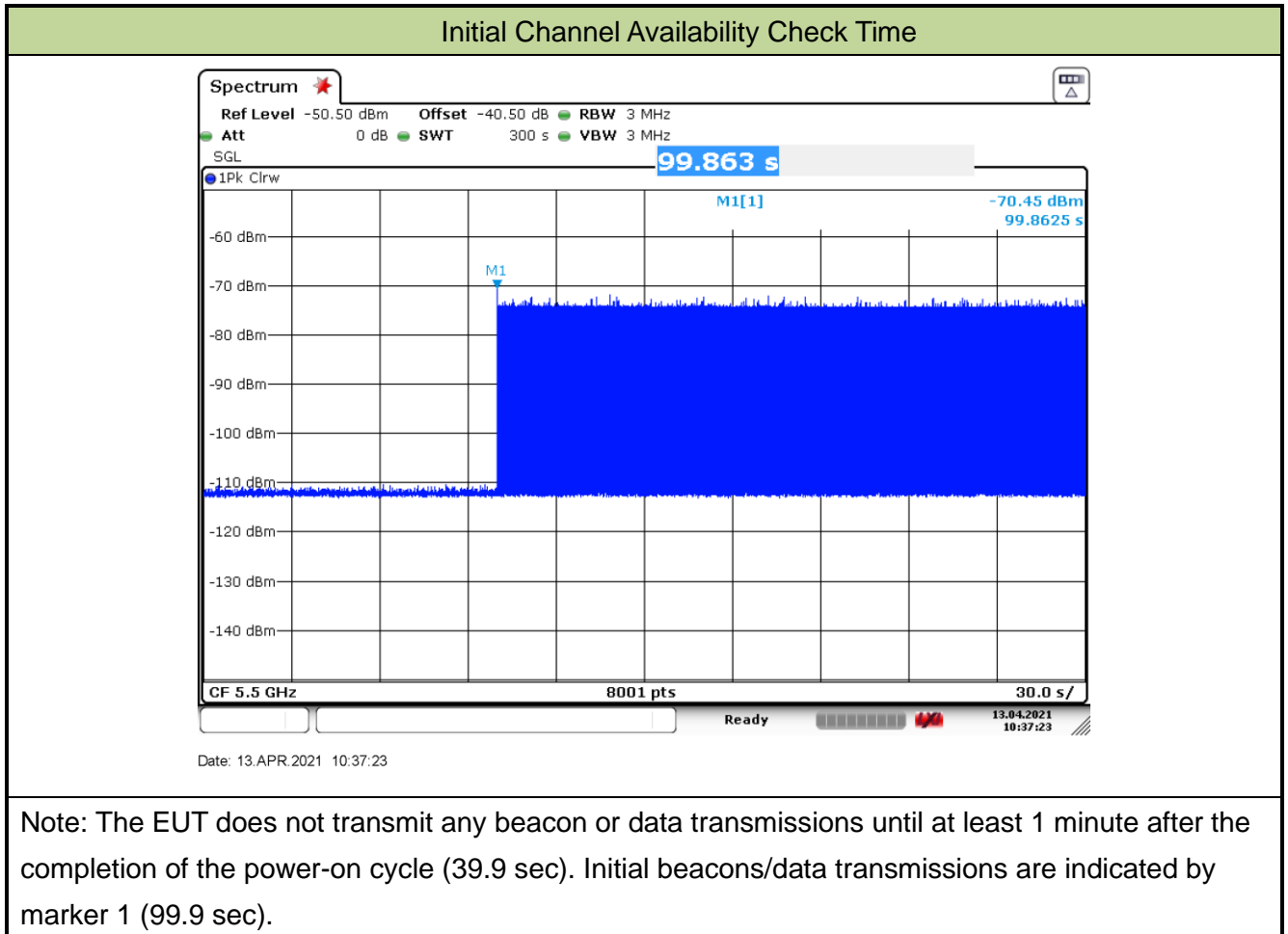
The EUT shall perform a Channel Availability Check to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute on the intended operating frequency.

5.4.2. Test Procedure

1. The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with a 2.5 minute sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
2. The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.
3. Confirm that the EUT initiates transmission on the channel. Measurement system showing its nominal noise floor is marker1.

5.4.3. Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



5.5. Radar Burst at the Beginning of the Channel Availability Check Time Measurement

5.5.1. Test Limit

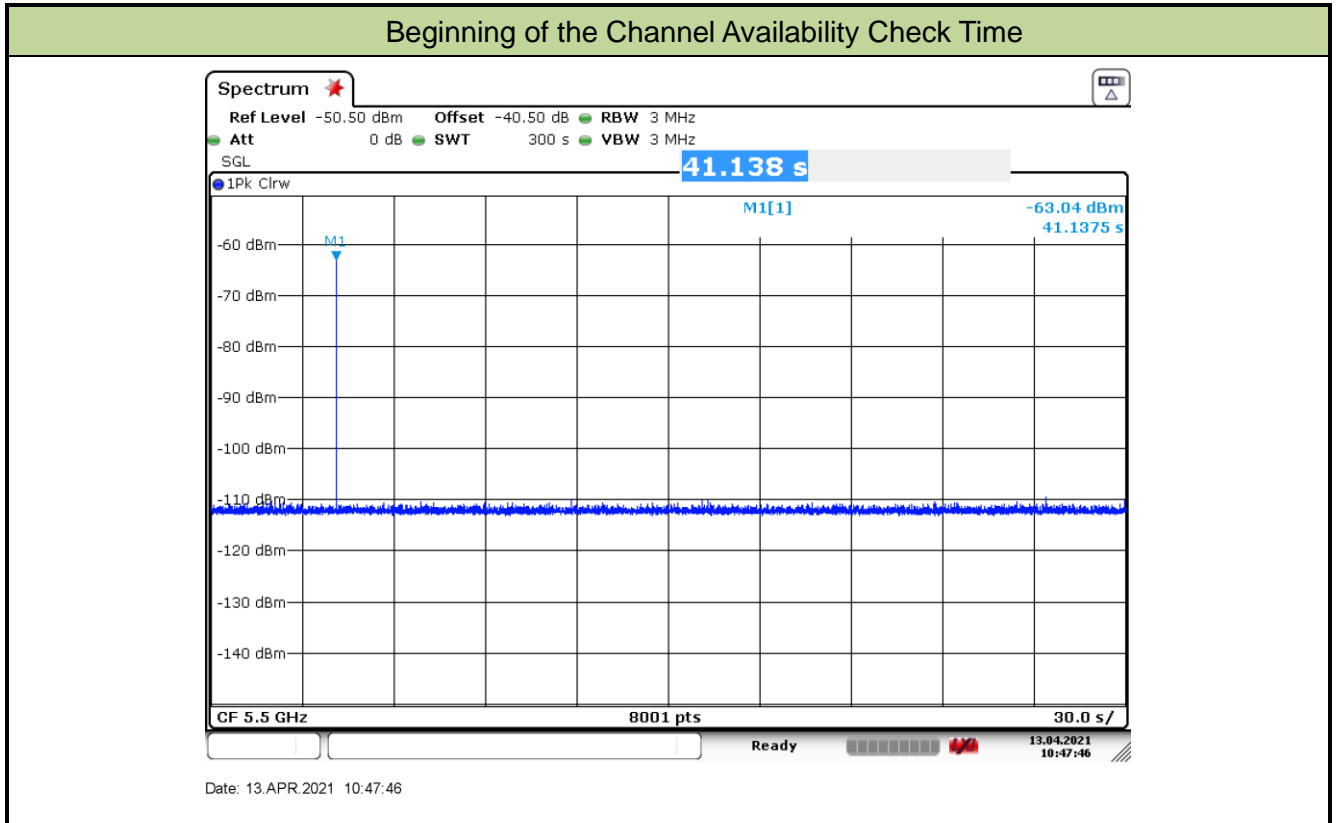
In beginning of the Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC on that channel.

5.5.2. Test Procedure

1. The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time.
2. The EUT is in completion power-up cycle (from T0 to T1). T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner than T1 + 60 seconds. A single Burst of one of Short Pulse Radar Types 0-4 at DFS Detection Threshold + 1 dB will commence within a 6 second window starting at T1.
3. Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 2.5 minutes after the radar Burst has been generated. Verify that during the 2.5 minutes measurement window no EUT transmissions occurred.

5.5.3. Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



5.6. Radar Burst at the End of the Channel Availability Check Time Measurement

5.6.1. Test Limit

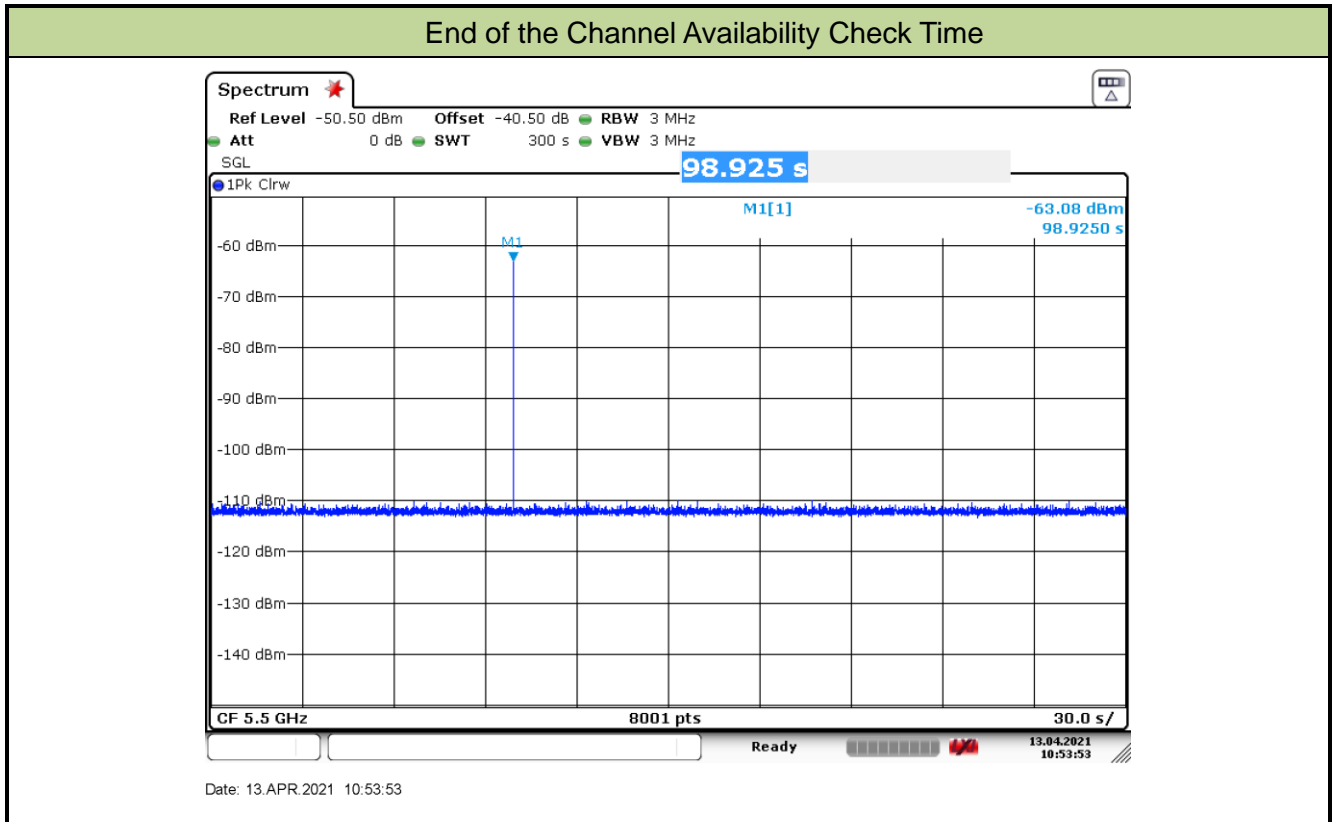
In the end of Channel Availability Check (CAC) Time, radar is detected on this channel, select another intended channel and perform a CAC on that channel.

5.6.2. Test Procedure

1. The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time.
2. The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner than T1 + 60 seconds. A single Burst of one of Short Pulse Radar Types 0-4 at DFS Detection Threshold + 1 dB will commence within a 6 second window starting at T1+ 54 seconds.
3. Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 2.5 minutes after the radar Burst has been generated. Verify that during the 2.5 minutes measurement window no EUT transmissions occurred.

5.6.3. Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



5.7. In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Measurement

5.7.1. Test Limit

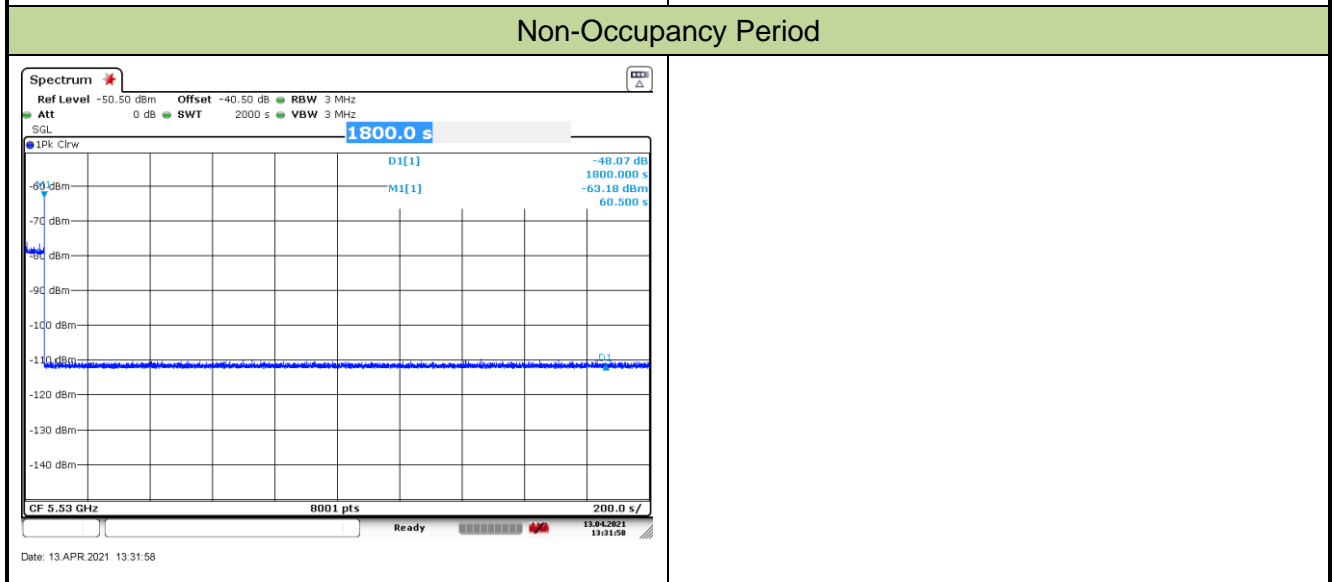
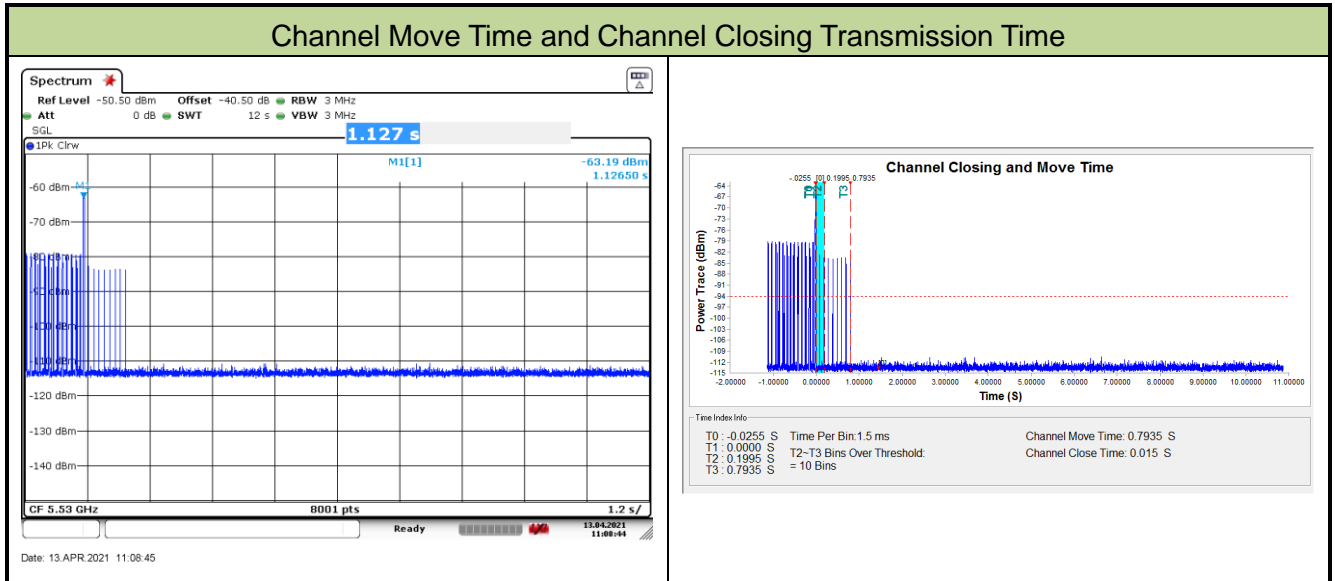
The EUT has In-Service Monitoring function to continuously monitor the radar signals. If the radar is detected, must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is 260ms, consisting of data signals and the aggregate of control signals, by a U-NII device during the Channel Move Time. The Non-Occupancy Period time is 30 minute during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

5.7.2. Test Procedure Used

1. The test should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0.
2. When the radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. A U-NII device operating as a Master Device will associate with the Client Device at Channel. Stream the MPEG test file from the Master Device to the Client Device on the selected Channel for the entire period of the test. At time T0 the Radar Waveform generator sends a Burst of pulses for each of the radar types at Detection Threshold + 1dB.
3. Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the EUT during the observation time (Channel Move Time).
4. Measurement of the aggregate duration of the Channel Closing Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (1.5ms) = S (12 \text{ sec}) / B (8000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is the sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C = N \times Dwell$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins showing a U-NII transmission and Dwell is the dwell time per bin.
5. Measure the EUT for more than 30 minutes following the channel close/move time to verify that the EUT does not resume any transmissions on this Channel.

5.7.3. Test Result

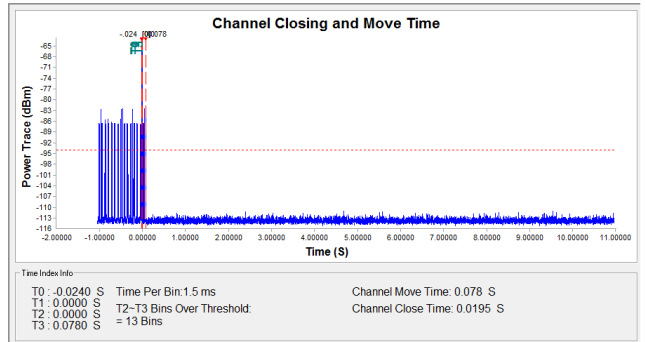
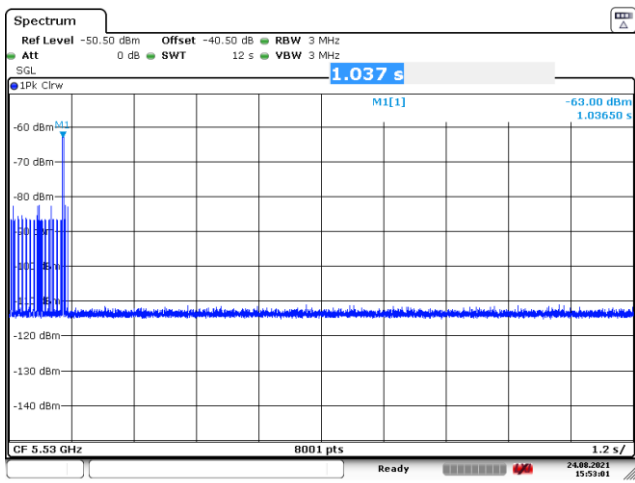
Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/13
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80 mode - 5530MHz) – Mode 1		



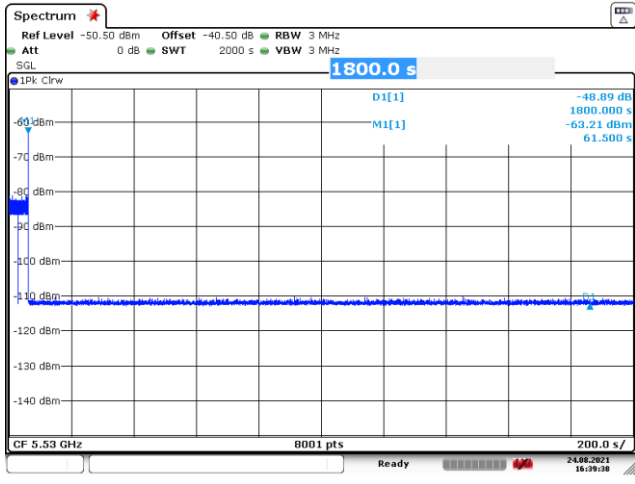
Parameter	Test Result	Limit
	Type 0	
Channel Move Time (s)	0.794s	<10s
Channel Closing Transmission Time (ms) (Note)	15ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30min
<p>Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p>		

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80 mode - 5530MHz) – Mode 3		

Channel Move Time and Channel Closing Transmission Time



Non-Occupancy Period



Parameter	Test Result	Limit
	Type 0	
Channel Move Time (s)	0.078s	<10s
Channel Closing Transmission Time (ms) (Note)	19.5ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30min
<p>Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p>		

5.8. Statistical Performance Check Measurement

5.8.1. 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%

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: $(Pd1 + Pd2 + Pd3 + Pd4) / 4$.

5.8.2. 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.

5.8.3. Test Result

Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/14
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz) – Mode 1		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	1	0
1	5492	1	1	1	1
2	5500	1	1	1	1
3	5493	1	1	1	1
4	5495	1	0	1	0
5	5494	1	1	1	1
6	5498	1	1	1	0
7	5495	1	1	0	1
8	5496	1	0	1	1
9	5497	1	1	1	1
10	5497	1	1	1	1
11	5498	1	1	1	1
12	5502	1	1	1	1
13	5499	1	1	0	1
14	5500	1	1	1	1
15	5507	1	1	1	1
16	5501	1	1	1	1
17	5501	1	1	0	1
18	5502	1	0	1	1
19	5505	1	1	1	1
20	5503	1	1	1	1
21	5504	0	1	1	1
22	5504	1	1	1	1
23	5493	1	1	1	0
24	5506	1	1	1	1
25	5506	1	1	0	1
26	5508	1	1	1	1
27	5507	1	1	1	0



28	5492	1	1	1	0
29	5509	1	1	0	1
Probability:		96.7%	90.0%	83.3%	80.0%
Aggregate (Radar Types 1-4)		87.5% (>80%)			

Type 1 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	658.0	81	53298.0
Download	1	Type 1	1.0	838.0	63	52794.0
Download	2	Type 1	1.0	918.0	58	53244.0
Download	3	Type 1	1.0	638.0	83	52954.0
Download	4	Type 1	1.0	598.0	89	53222.0
Download	5	Type 1	1.0	698.0	76	53048.0
Download	6	Type 1	1.0	718.0	74	53132.0
Download	7	Type 1	1.0	758.0	70	53060.0
Download	8	Type 1	1.0	778.0	68	52904.0
Download	9	Type 1	1.0	878.0	61	53558.0
Download	10	Type 1	1.0	798.0	67	53466.0
Download	11	Type 1	1.0	618.0	86	53148.0
Download	12	Type 1	1.0	578.0	92	53176.0
Download	13	Type 1	1.0	898.0	59	52982.0
Download	14	Type 1	1.0	858.0	62	53196.0
Download	15	Type 1	1.0	541.0	98	53018.0
Download	16	Type 1	1.0	2845.0	19	54055.0
Download	17	Type 1	1.0	2723.0	20	54460.0
Download	18	Type 1	1.0	1760.0	30	52800.0
Download	19	Type 1	1.0	537.0	99	53163.0
Download	20	Type 1	1.0	1162.0	46	53452.0
Download	21	Type 1	1.0	2776.0	20	55520.0
Download	22	Type 1	1.0	1757.0	31	54467.0
Download	23	Type 1	1.0	1368.0	39	53352.0
Download	24	Type 1	1.0	2594.0	21	54474.0
Download	25	Type 1	1.0	1929.0	28	54012.0
Download	26	Type 1	1.0	2996.0	18	53928.0
Download	27	Type 1	1.0	2810.0	19	53390.0
Download	28	Type 1	1.0	2938.0	18	52884.0
Download	29	Type 1	1.0	2080.0	26	54080.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.8	165.0	29	4785.0
Download	1	Type 2	4.1	228.0	28	6384.0
Download	2	Type 2	1.5	202.0	23	4646.0
Download	3	Type 2	2.4	180.0	25	4500.0
Download	4	Type 2	1.1	199.0	23	4577.0
Download	5	Type 2	3.7	194.0	27	5238.0
Download	6	Type 2	3.7	158.0	27	4266.0
Download	7	Type 2	2.7	152.0	26	3952.0
Download	8	Type 2	1.1	186.0	23	4278.0
Download	9	Type 2	1.6	156.0	24	3744.0
Download	10	Type 2	2.0	164.0	24	3936.0
Download	11	Type 2	4.1	213.0	28	5964.0
Download	12	Type 2	2.5	224.0	25	5600.0
Download	13	Type 2	2.3	162.0	25	4050.0
Download	14	Type 2	3.0	184.0	26	4784.0
Download	15	Type 2	3.1	221.0	26	5746.0
Download	16	Type 2	4.4	183.0	28	5124.0
Download	17	Type 2	2.9	211.0	26	5486.0
Download	18	Type 2	3.8	207.0	27	5589.0
Download	19	Type 2	1.0	192.0	23	4416.0
Download	20	Type 2	4.0	190.0	28	5320.0
Download	21	Type 2	1.6	212.0	24	5088.0
Download	22	Type 2	3.8	215.0	27	5805.0
Download	23	Type 2	1.2	195.0	23	4485.0
Download	24	Type 2	4.8	161.0	29	4669.0
Download	25	Type 2	1.2	168.0	23	3864.0
Download	26	Type 2	2.1	167.0	24	4008.0
Download	27	Type 2	3.3	193.0	27	5211.0
Download	28	Type 2	1.1	210.0	23	4830.0
Download	29	Type 2	1.7	217.0	24	5208.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.8	284.0	18	5112.0
Download	1	Type 3	9.1	340.0	18	6120.0
Download	2	Type 3	6.5	484.0	16	7744.0
Download	3	Type 3	7.4	468.0	17	7956.0
Download	4	Type 3	6.1	414.0	16	6624.0
Download	5	Type 3	8.7	354.0	17	6018.0
Download	6	Type 3	8.7	392.0	18	7056.0
Download	7	Type 3	7.7	259.0	17	4403.0
Download	8	Type 3	6.1	234.0	16	3744.0
Download	9	Type 3	6.6	411.0	16	6576.0
Download	10	Type 3	7.0	309.0	16	4944.0
Download	11	Type 3	9.1	320.0	18	5760.0
Download	12	Type 3	7.5	434.0	17	7378.0
Download	13	Type 3	7.3	239.0	17	4063.0
Download	14	Type 3	8.0	230.0	17	3910.0
Download	15	Type 3	8.1	349.0	17	5933.0
Download	16	Type 3	9.4	204.0	18	3672.0
Download	17	Type 3	7.9	394.0	17	6698.0
Download	18	Type 3	8.8	212.0	18	3816.0
Download	19	Type 3	6.0	351.0	16	5616.0
Download	20	Type 3	9.0	448.0	18	8064.0
Download	21	Type 3	6.6	242.0	16	3872.0
Download	22	Type 3	8.8	370.0	18	6660.0
Download	23	Type 3	6.2	314.0	16	5024.0
Download	24	Type 3	9.8	266.0	18	4788.0
Download	25	Type 3	6.2	458.0	16	7328.0
Download	26	Type 3	7.1	409.0	16	6544.0
Download	27	Type 3	8.3	401.0	17	6817.0
Download	28	Type 3	6.1	228.0	16	3648.0
Download	29	Type 3	6.7	337.0	16	5392.0

Type 4 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	19.6	284.0	16	4544.0
Download	1	Type 4	18.0	340.0	15	5100.0
Download	2	Type 4	12.1	484.0	12	5808.0
Download	3	Type 4	14.3	468.0	13	6084.0
Download	4	Type 4	11.4	414.0	12	4968.0
Download	5	Type 4	17.0	354.0	15	5310.0
Download	6	Type 4	17.1	392.0	15	5880.0
Download	7	Type 4	14.9	259.0	14	3626.0
Download	8	Type 4	11.3	234.0	12	2808.0
Download	9	Type 4	12.4	411.0	12	4932.0
Download	10	Type 4	13.3	309.0	13	4017.0
Download	11	Type 4	18.0	320.0	15	4800.0
Download	12	Type 4	14.3	434.0	13	5642.0
Download	13	Type 4	14.0	239.0	13	3107.0
Download	14	Type 4	15.5	230.0	14	3220.0
Download	15	Type 4	15.7	349.0	14	4886.0
Download	16	Type 4	18.5	204.0	16	3264.0
Download	17	Type 4	15.2	394.0	14	5516.0
Download	18	Type 4	17.3	212.0	15	3180.0
Download	19	Type 4	11.0	351.0	12	4212.0
Download	20	Type 4	17.7	448.0	15	6720.0
Download	21	Type 4	12.5	242.0	12	2904.0
Download	22	Type 4	17.2	370.0	15	5550.0
Download	23	Type 4	11.6	314.0	12	3768.0
Download	24	Type 4	19.6	266.0	16	4256.0
Download	25	Type 4	11.5	458.0	12	5496.0
Download	26	Type 4	13.4	409.0	13	5317.0
Download	27	Type 4	16.2	401.0	14	5614.0
Download	28	Type 4	11.3	228.0	12	2736.0
Download	29	Type 4	12.7	337.0	12	4044.0

Note: In addition, an average minimum percentage of successful detection across all four short pulse radar test

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (96.7\% + 90\% + 83.3\% + 80\%) / 4 = 87.5\% (>80\%)$



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	5500.0	1	15	5496.6	1
1	5500.0	1	16	5498.2	1
2	5500.0	1	17	5496.6	1
3	5500.0	1	18	5497.8	1
4	5500.0	1	19	5494.2	1
5	5500.0	1	20	5502.2	1
6	5500.0	1	21	5505.0	1
7	5500.0	1	22	5502.6	1
8	5500.0	0	23	5505.8	0
9	5500.0	1	24	5501.0	1
10	5495.4	1	25	5505.8	0
11	5498.2	1	26	5504.6	1
12	5495.8	1	27	5503.0	1
13	5495.8	1	28	5505.8	0
14	5496.6	0	29	5505.0	1
Detection Percentage (%)					83.3%



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)	
111856.0	97.3	20	3	1258.0	1402.0	1760.0	
256282.0	89.0	20	3	1714.0	1106.0	1650.0	
402759.0	56.3	20	1	1434.0	-	-	
547283.0	68.2	20	2	1050.0	1091.0	-	
94544.0	52.4	20	1	1378.0	-	-	
239049.0	83.0	20	2	1225.0	1851.0	-	
383147.0	83.8	20	3	1534.0	1026.0	1565.0	
529329.0	71.6	20	2	1018.0	1229.0	-	
76686.0	52.0	20	1	1182.0	-	-	
221931.0	57.7	20	1	1146.0	-	-	
367092.0	63.0	20	1	1277.0	-	-	
509560.0	88.8	20	3	1030.0	1646.0	1804.0	
58610.0	68.5	20	2	1830.0	1250.0	-	
203369.0	66.7	20	2	1410.0	1707.0	-	
348165.0	75.3	20	2	1129.0	1932.0	-	
492998.0	75.9	20	2	1203.0	1789.0	-	
40604.0	91.6	20	3	1974.0	1958.0	1696.0	
185724.0	73.6	20	2	1004.0	1516.0	-	
329418.0	84.8	20	3	1911.0	1526.0	1275.0	
476129.0	50.2	20	1	1778.0	-	-	
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)	
25456.0	87.3	17	3	1336.0	1887.0	1211.0	
187009.0	58.2	17	1	1083.0	-	-	
346563.0	84.6	17	3	1798.0	1780.0	1080.0	
509871.0	53.4	17	1	1068.0	-	-	
5677.0	97.5	17	3	1555.0	1101.0	1228.0	
166956.0	52.8	17	1	1758.0	-	-	
328524.0	63.6	17	1	1137.0	-	-	
489044.0	78.7	17	2	1109.0	1240.0	-	
650768.0	52.1	17	1	1729.0	-	-	
147056.0	59.6	17	1	1923.0	-	-	
307184.0	94.2	17	3	1414.0	1428.0	1438.0	
469530.0	62.7	17	1	1879.0	-	-	
630706.0	52.6	17	1	1938.0	-	-	
127097.0	78.3	17	2	1323.0	1122.0	-	
287516.0	93.6	17	3	1014.0	1715.0	1273.0	
447740.0	83.8	17	3	1875.0	1356.0	1501.0	
609907.0	73.0	17	2	1949.0	1012.0	-	
107198.0	71.4	17	2	1170.0	1619.0	-	

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)	
538099.0	53.2	7	1	1420.0	-	-	
858752.0	96.0	7	3	1867.0	1929.0	1302.0	
1182202.0	87.4	7	3	1115.0	1021.0	1487.0	
175317.0	57.4	7	1	1124.0	-	-	
496916.0	95.7	7	3	1473.0	1730.0	1940.0	
820069.0	94.7	7	3	1048.0	1379.0	1053.0	
1144486.0	58.8	7	1	1286.0	-	-	
135475.0	50.8	7	1	1548.0	-	-	
457964.0	76.2	7	2	1108.0	1924.0	-	
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)	
585081.0	72.8	10	2	1459.0	1449.0	-	
826841.0	78.1	10	2	1587.0	1400.0	-	
71552.0	90.2	10	3	1728.0	1066.0	1355.0	
312858.0	87.0	10	3	1162.0	1935.0	1747.0	
556283.0	64.6	10	1	1130.0	-	-	
798420.0	63.7	10	1	1281.0	-	-	
41774.0	95.3	10	3	1999.0	1039.0	1773.0	
284026.0	58.5	10	1	1691.0	-	-	
524376.0	89.0	10	3	1628.0	1802.0	1621.0	
768570.0	54.4	10	1	1299.0	-	-	
12081.0	52.8	10	1	1660.0	-	-	
253879.0	70.8	10	2	1204.0	1755.0	-	
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)	
743636.0	99.7	5	3	1465.0	1595.0	1184.0	
1107739.0	69.4	5	2	1219.0	1220.0	-	
1471779.0	55.0	5	1	1589.0	-	-	
336669.0	69.5	5	2	1061.0	1025.0	-	
698997.0	92.4	5	3	1723.0	1032.0	1392.0	
1063830.0	63.5	5	1	1271.0	-	-	
1427111.0	50.2	5	1	1489.0	-	-	
291463.0	86.2	5	3	1762.0	1112.0	1554.0	

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)
325905.0	90.3	15	3	1632.0	1596.0	1702.0
507953.0	73.2	15	2	1943.0	1009.0	-
686886.0	91.5	15	3	1861.0	1617.0	1913.0
123469.0	52.9	15	1	1748.0	-	-
304462.0	70.2	15	2	1878.0	1052.0	-
486040.0	70.3	15	2	1245.0	1085.0	-
665171.0	88.9	15	3	1937.0	1133.0	1727.0
101102.0	62.8	15	1	1849.0	-	-
282036.0	79.9	15	2	1272.0	1944.0	-
464314.0	62.6	15	1	1346.0	-	-
643009.0	89.9	15	3	1686.0	1739.0	1256.0
78419.0	94.6	15	3	1444.0	1571.0	1994.0
259161.0	96.6	15	3	1671.0	1784.0	1385.0
440771.0	76.7	15	2	1539.0	1801.0	-
620874.0	90.9	15	3	1905.0	1123.0	1496.0
56449.0	50.6	15	1	1210.0	-	-
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)
237848.0	62.0	15	1	1858.0	-	-
418518.0	72.7	15	2	1931.0	1315.0	-
599897.0	79.6	15	2	1157.0	1756.0	-
33952.0	99.1	15	3	1478.0	1200.0	1338.0
215670.0	57.3	15	1	1259.0	-	-
396106.0	69.8	15	2	1799.0	1642.0	-
578483.0	54.5	15	1	1743.0	-	-
11679.0	79.4	15	2	1208.0	1948.0	-
192774.0	70.1	15	2	1859.0	1446.0	-
374775.0	50.5	15	1	1499.0	-	-
556167.0	53.6	15	1	1693.0	-	-
737037.0	76.6	15	2	1120.0	1199.0	-
170619.0	82.3	15	2	1424.0	1217.0	-
351142.0	88.0	15	3	1357.0	1339.0	1506.0
533618.0	53.3	15	1	1964.0	-	-
713690.0	81.1	15	2	1484.0	1892.0	-

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)	
182851.0	58.6	11	1	1544.0	-	-	
406297.0	64.6	11	1	1670.0	-	-	
627960.0	85.9	11	3	1624.0	1582.0	1107.0	
851442.0	99.7	11	3	1045.0	1333.0	1230.0	
154678.0	86.6	11	3	1987.0	1745.0	1631.0	
377851.0	87.2	11	3	1697.0	1430.0	1265.0	
601121.0	66.7	11	2	1772.0	1610.0	-	
822932.0	94.3	11	3	1912.0	1507.0	1351.0	
127649.0	74.9	11	2	1063.0	1503.0	-	
350975.0	82.4	11	2	1136.0	1238.0	-	
574179.0	78.6	11	2	1525.0	1003.0	-	
797138.0	76.4	11	2	1084.0	1793.0	-	
100257.0	64.5	11	1	1577.0	-	-	
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)	
526457.0	58.3	5	1	1530.0	-	-	
888770.0	74.2	5	2	1592.0	1811.0	-	
1252139.0	72.9	5	2	1600.0	1328.0	-	
118124.0	78.5	5	2	1868.0	1447.0	-	
481787.0	54.3	5	1	1232.0	-	-	
845070.0	57.4	5	1	1614.0	-	-	
1207019.0	69.6	5	2	1543.0	1877.0	-	
73316.0	84.0	5	3	1900.0	1803.0	1540.0	
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)	
349389.0	51.2	7	1	1740.0	-	-	
639538.0	78.9	7	2	1187.0	1429.0	-	
929882.0	70.4	7	2	1163.0	1529.0	-	
22962.0	68.7	7	2	1044.0	1440.0	-	
313665.0	62.1	7	1	1463.0	-	-	
603185.0	82.8	7	2	1809.0	1960.0	-	
893196.0	69.6	7	2	1925.0	1995.0	-	
1185580.0	66.6	7	1	1599.0	-	-	
277840.0	62.2	7	1	1547.0	-	-	
567452.0	80.6	7	2	1906.0	1855.0	-	

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)	
778994.0	92.0	9	3	1990.0	1110.0	1188.0	
1045281.0	59.3	9	1	1425.0	-	-	
220008.0	58.7	9	1	1535.0	-	-	
483128.0	86.0	9	3	1297.0	1313.0	1372.0	
747094.0	82.0	9	2	1694.0	1775.0	-	
1009257.0	90.8	9	3	1706.0	1724.0	1734.0	
186794.0	91.3	9	3	1885.0	1657.0	1883.0	
451662.0	64.1	9	1	1557.0	-	-	
715230.0	74.8	9	2	1001.0	1521.0	-	
979842.0	55.9	9	1	1807.0	-	-	
154413.0	85.3	9	3	1562.0	1946.0	1583.0	
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)	
254982.0	74.1	17	2	1996.0	1934.0	-	
415985.0	75.0	17	2	1552.0	1950.0	-	
575165.0	91.2	17	3	1654.0	1852.0	1903.0	
74597.0	78.1	17	2	1088.0	1524.0	-	
235934.0	64.8	17	1	1814.0	-	-	
397606.0	61.8	17	1	1103.0	-	-	
557791.0	76.4	17	2	1479.0	1095.0	-	
54758.0	80.8	17	2	1363.0	1276.0	-	
215003.0	98.1	17	3	1551.0	1989.0	1564.0	
376586.0	77.9	17	2	1819.0	1288.0	-	
537956.0	80.5	17	2	1492.0	1077.0	-	
34837.0	83.7	17	3	1073.0	1831.0	1298.0	
195504.0	97.2	17	3	1244.0	1658.0	1304.0	
357746.0	57.4	17	1	1278.0	-	-	
516371.0	85.7	17	3	1866.0	1284.0	1656.0	
15115.0	65.5	17	1	1166.0	-	-	
176039.0	80.9	17	2	1812.0	1165.0	-	
337130.0	74.5	17	2	1468.0	1263.0	-	

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)
749205.0	54.4	10	1	1467.0	-	-
987778.0	97.2	10	3	1511.0	1612.0	1973.0
234730.0	77.7	10	2	1383.0	1332.0	-
477366.0	62.6	10	1	1119.0	-	-
718999.0	51.8	10	1	1988.0	-	-
958562.0	86.7	10	3	1915.0	1640.0	1015.0
204893.0	67.1	10	2	1695.0	1234.0	-
447430.0	55.7	10	1	1331.0	-	-
688409.0	72.3	10	2	1936.0	1175.0	-
929504.0	92.2	10	3	1620.0	1148.0	1074.0
175217.0	82.2	10	2	1287.0	1007.0	-
416149.0	87.3	10	3	1376.0	1598.0	1816.0
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)
657168.0	90.3	10	3	1817.0	1607.0	1897.0
900393.0	82.7	10	2	1579.0	1545.0	-
145567.0	63.6	10	1	1226.0	-	-
386614.0	98.7	10	3	1151.0	1837.0	1296.0
628958.0	77.1	10	2	1593.0	1341.0	-
871689.0	53.9	10	1	1891.0	-	-
115470.0	79.3	10	2	1981.0	1488.0	-
356862.0	90.6	10	3	1792.0	1295.0	1212.0
598276.0	97.3	10	3	1495.0	1453.0	1476.0
840599.0	71.0	10	2	1963.0	1436.0	-
85595.0	93.2	10	3	1527.0	1406.0	1750.0
327040.0	85.9	10	3	1494.0	1585.0	1452.0

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)
488502.0	64.2	13	1	1713.0	-	-
696189.0	52.6	13	1	1445.0	-	-
48038.0	61.5	13	1	1201.0	-	-
254959.0	75.6	13	2	1787.0	1662.0	-
463159.0	61.6	13	1	1321.0	-	-
669272.0	78.6	13	2	1606.0	1566.0	-
22376.0	96.3	13	3	1485.0	1510.0	1700.0
229681.0	75.3	13	2	1387.0	1223.0	-
437447.0	60.3	13	1	1604.0	-	-
642521.0	89.7	13	3	1394.0	1834.0	1588.0
851121.0	70.4	13	2	1635.0	1290.0	-
204467.0	58.8	13	1	1294.0	-	-
411998.0	57.6	13	1	1377.0	-	-
619519.0	61.5	13	1	1416.0	-	-
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)
826190.0	73.1	13	2	1027.0	1289.0	-
178880.0	54.5	13	1	1386.0	-	-
386506.0	60.9	13	1	1214.0	-	-
593560.0	59.1	13	1	1986.0	-	-
799254.0	89.5	13	3	1262.0	1326.0	1222.0
152831.0	84.2	13	3	1568.0	1078.0	1442.0
359150.0	98.6	13	3	1955.0	1759.0	1735.0
568576.0	60.7	13	1	1138.0	-	-
773504.0	87.7	13	3	1147.0	1131.0	1815.0
127494.0	97.8	13	3	1029.0	1010.0	1060.0
334917.0	70.0	13	2	1141.0	1218.0	-
540518.0	98.6	13	3	1643.0	1616.0	1797.0
749519.0	80.3	13	2	1195.0	1189.0	-
102060.0	81.8	13	2	1064.0	1362.0	-

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)	
239538.0	86.2	18	3	1469.0	1423.0	1959.0	
399921.0	90.4	18	3	1677.0	1863.0	1523.0	
561938.0	77.2	18	2	1556.0	1668.0	-	
59301.0	83.4	18	3	1169.0	1785.0	1381.0	
220884.0	53.9	18	1	1486.0	-	-	
380672.0	91.8	18	3	1625.0	1316.0	1224.0	
541072.0	98.4	18	3	1427.0	1159.0	1918.0	
39526.0	99.2	18	3	1542.0	1105.0	1504.0	
200725.0	75.2	18	2	1116.0	1320.0	-	
360325.0	91.5	18	3	1558.0	1764.0	1862.0	
520906.0	94.2	18	3	1840.0	1246.0	1907.0	
19752.0	93.8	18	3	1248.0	1176.0	1117.0	
180448.0	96.0	18	3	1172.0	1132.0	1722.0	
342220.0	56.9	18	1	1967.0	-	-	
502503.0	77.0	18	2	1639.0	1553.0	-	
665516.0	50.6	18	1	1092.0	-	-	
161186.0	62.3	18	1	1825.0	-	-	
322657.0	54.8	18	1	1359.0	-	-	
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)	
620734.0	91.0	12	3	1407.0	1319.0	1181.0	
829837.0	65.6	12	1	1673.0	-	-	
181416.0	80.8	12	2	1983.0	1712.0	-	
388354.0	74.7	12	2	1842.0	1962.0	-	
595550.0	79.7	12	2	1961.0	1508.0	-	
801874.0	88.1	12	3	1257.0	1293.0	1683.0	
155965.0	81.5	12	2	1515.0	1930.0	-	
363728.0	58.9	12	1	1765.0	-	-	
569874.0	87.3	12	3	1093.0	1455.0	1180.0	
778922.0	53.5	12	1	1456.0	-	-	
130788.0	65.0	12	1	1311.0	-	-	
338239.0	63.7	12	1	1603.0	-	-	
545757.0	55.6	12	1	1567.0	-	-	
753733.0	63.1	12	1	1031.0	-	-	

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)	
86258.0	98.3	16	3	1701.0	1235.0	1348.0	
257532.0	64.4	16	1	1236.0	-	-	
425834.0	89.1	16	3	1721.0	1854.0	1933.0	
598320.0	70.0	16	2	1411.0	1013.0	-	
65586.0	62.4	16	1	1191.0	-	-	
235223.0	87.0	16	3	1439.0	1549.0	1998.0	
407451.0	54.8	16	1	1113.0	-	-	
577842.0	65.9	16	1	1769.0	-	-	
44537.0	63.1	16	1	1144.0	-	-	
215009.0	74.0	16	2	1079.0	1536.0	-	
385071.0	79.3	16	2	1898.0	1634.0	-	
556485.0	69.4	16	2	1062.0	1114.0	-	
23478.0	65.0	16	1	1317.0	-	-	
193494.0	95.8	16	3	1393.0	1441.0	1613.0	
363394.0	88.3	16	3	1047.0	1871.0	1953.0	
533183.0	91.7	16	3	1528.0	1970.0	1674.0	
2419.0	83.8	16	3	1810.0	1408.0	1164.0	
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)	
367931.0	87.0	5	3	1895.0	1042.0	1283.0	
730663.0	85.5	5	3	1269.0	1896.0	1140.0	
1095728.0	65.1	5	1	1143.0	-	-	
1458695.0	57.5	5	1	1710.0	-	-	
323810.0	64.7	5	1	1609.0	-	-	
687153.0	51.0	5	1	1749.0	-	-	
1050796.0	61.4	5	1	1364.0	-	-	
1414317.0	60.6	5	1	1306.0	-	-	

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)	
130580.0	89.1	16	3	1904.0	1040.0	1766.0	
302115.0	51.9	16	1	1261.0	-	-	
470651.0	95.0	16	3	1838.0	1033.0	1901.0	
643612.0	54.4	16	1	1578.0	-	-	
109608.0	94.9	16	3	1976.0	1065.0	1829.0	
279797.0	84.2	16	3	1684.0	1388.0	1368.0	
451967.0	61.5	16	1	1247.0	-	-	
619209.0	85.9	16	3	1839.0	1682.0	1860.0	
88932.0	81.0	16	2	1375.0	1390.0	-	
258820.0	95.5	16	3	1482.0	1152.0	1865.0	
429575.0	81.5	16	2	1881.0	1560.0	-	
599912.0	67.8	16	2	1627.0	1846.0	-	
68032.0	57.0	16	1	1679.0	-	-	
238016.0	88.3	16	3	1198.0	1690.0	1171.0	
408791.0	75.3	16	2	1451.0	1645.0	-	
580838.0	50.0	16	1	1155.0	-	-	
46847.0	75.1	16	2	1945.0	1942.0	-	
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)	
370527.0	52.5	7	1	1910.0	-	-	
661412.0	56.8	7	1	1347.0	-	-	
949949.0	95.5	7	3	1509.0	1505.0	1070.0	
44179.0	60.2	7	1	1403.0	-	-	
334440.0	73.1	7	2	1779.0	1186.0	-	
623999.0	85.7	7	3	1149.0	1941.0	1330.0	
915058.0	70.7	7	2	1823.0	1168.0	-	
8348.0	95.7	7	3	1818.0	1771.0	1227.0	
298591.0	69.7	7	2	1655.0	1664.0	-	
588708.0	78.1	7	2	1711.0	1845.0	-	

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)	
549186.0	78.2	16	2	1011.0	1369.0	-	
727922.0	90.5	16	3	1971.0	1718.0	1337.0	
164346.0	55.5	16	1	1757.0	-	-	
344320.0	83.6	16	3	1531.0	1705.0	1763.0	
527608.0	63.4	16	1	1307.0	-	-	
707532.0	77.6	16	2	1519.0	1537.0	-	
141983.0	59.3	16	1	1806.0	-	-	
322895.0	73.3	16	2	1340.0	1736.0	-	
503530.0	85.0	16	3	1821.0	1000.0	1022.0	
686207.0	59.8	16	1	1978.0	-	-	
119699.0	61.4	16	1	1380.0	-	-	
300657.0	68.2	16	2	1474.0	1413.0	-	
480731.0	89.8	16	3	1869.0	1342.0	1419.0	
662721.0	67.8	16	2	1687.0	1575.0	-	
96942.0	83.6	16	3	1917.0	1097.0	1389.0	
277746.0	84.0	16	3	1652.0	1417.0	1404.0	
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)	
921741.0	50.3	6	1	1433.0	-	-	
1285052.0	56.8	6	1	1594.0	-	-	
149844.0	73.8	6	2	1808.0	1908.0	-	
513009.0	76.7	6	2	1089.0	1843.0	-	
875342.0	98.7	6	3	1310.0	1563.0	1345.0	
1240123.0	60.2	6	1	1794.0	-	-	
105334.0	65.1	6	1	1006.0	-	-	
468262.0	82.5	6	2	1636.0	1371.0	-	

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)	
332629.0	62.2	20	1	1028.0	-	-	
474715.0	94.3	20	3	1343.0	1922.0	1753.0	
24197.0	66.0	20	1	1005.0	-	-	
169464.0	50.4	20	1	1035.0	-	-	
314510.0	66.0	20	1	1457.0	-	-	
459641.0	66.3	20	1	1502.0	-	-	
6281.0	74.3	20	2	1899.0	1127.0	-	
151383.0	58.8	20	1	1774.0	-	-	
295998.0	75.1	20	2	1396.0	1334.0	-	
441948.0	56.0	20	1	1249.0	-	-	
585162.0	83.3	20	2	1704.0	1586.0	-	
132951.0	95.4	20	3	1179.0	1308.0	1800.0	
278205.0	75.4	20	2	1160.0	1462.0	-	
423551.0	61.9	20	1	1969.0	-	-	
568419.0	68.0	20	2	1134.0	1017.0	-	
115155.0	90.3	20	3	1490.0	1118.0	1672.0	
259651.0	97.8	20	3	1314.0	1783.0	1150.0	
406205.0	65.0	20	1	1202.0	-	-	
547729.0	90.3	20	3	1350.0	1894.0	1979.0	
97495.0	90.2	20	3	1016.0	1322.0	1111.0	
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)	
608498.0	63.6	5	1	1094.0	-	-	
970028.0	84.3	5	3	1267.0	1832.0	1082.0	
1334129.0	67.0	5	2	1335.0	1366.0	-	
199959.0	77.6	5	2	1717.0	1090.0	-	
562972.0	76.7	5	2	1300.0	1782.0	-	
925112.0	89.1	5	3	1827.0	1167.0	1559.0	
1288074.0	85.4	5	3	1790.0	1412.0	1037.0	
155336.0	63.9	5	1	1791.0	-	-	

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)	
376658.0	71.8	9	2	1720.0	1251.0	-	
640096.0	93.1	9	3	1057.0	1098.0	1532.0	
903951.0	79.4	9	2	1872.0	1611.0	-	
80252.0	68.0	9	2	1591.0	1997.0	-	
344059.0	75.4	9	2	1426.0	1856.0	-	
607711.0	73.1	9	2	1777.0	1741.0	-	
872066.0	71.4	9	2	1153.0	1580.0	-	
47807.0	69.2	9	2	1365.0	1349.0	-	
312218.0	61.5	9	1	1008.0	-	-	
576445.0	58.8	9	1	1213.0	-	-	
840775.0	57.3	9	1	1156.0	-	-	
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)	
11206.0	68.7	14	2	1597.0	1309.0	-	
203971.0	85.6	14	3	1731.0	1848.0	1491.0	
398418.0	52.6	14	1	1761.0	-	-	
589928.0	93.1	14	3	1737.0	1513.0	1327.0	
782501.0	83.8	14	3	1241.0	1733.0	1951.0	
180291.0	84.5	14	3	1767.0	1036.0	1966.0	
373319.0	88.2	14	3	1292.0	1450.0	1689.0	
568101.0	58.6	14	1	1857.0	-	-	
759143.0	88.5	14	3	1608.0	1709.0	1194.0	
156735.0	88.8	14	3	1135.0	1399.0	1216.0	
349658.0	83.6	14	3	1841.0	1158.0	1190.0	
543243.0	79.0	14	2	1681.0	1663.0	-	
734679.0	83.7	14	3	1431.0	1916.0	1920.0	
133189.0	69.9	14	2	1279.0	1024.0	-	
326480.0	74.9	14	2	1233.0	1498.0	-	
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)	
975868.0	68.9	5	2	1374.0	1965.0	-	
1338450.0	77.9	5	2	1947.0	1844.0	-	
205159.0	77.2	5	2	1746.0	1754.0	-	
567726.0	88.5	5	3	1243.0	1680.0	1581.0	
931168.0	73.7	5	2	1576.0	1744.0	-	
1294865.0	76.9	5	2	1312.0	1192.0	-	
160445.0	81.0	5	2	1919.0	1648.0	-	
524127.0	60.3	5	1	1421.0	-	-	

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)	
708161.0	87.0	8	3	1889.0	1197.0	1264.0	
999661.0	82.1	8	2	1437.0	1096.0	-	
92581.0	76.7	8	2	1477.0	1522.0	-	
383219.0	65.3	8	1	1972.0	-	-	
673247.0	69.9	8	2	1850.0	1069.0	-	
965088.0	52.3	8	1	1041.0	-	-	
56781.0	90.5	8	3	1087.0	1550.0	1196.0	
346677.0	98.9	8	3	1968.0	1142.0	1458.0	
637285.0	78.7	8	2	1301.0	1992.0	-	
925608.0	88.9	8	3	1888.0	1884.0	1993.0	

Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
1	1	16	1
2	1	17	1
3	1	18	1
4	1	19	0
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	0
15	1	30	1
Detection Percentage (%)			93.3%



Type 6 Radar Waveform_0						
Frequency List (MHz)	0	1	2	3	4	
0	5369	5586	5360	5267	5463	
5	5720	5660	5515	5475	5337	
10	5597	5282	5654	5554	5401	
15	5374	5594	5645	5639	5494	
20	5442	5471	5583	5648	5373	
25	5295	5289	5385	5679	5314	
30	5420	5458	5464	5638	5538	
35	5269	5664	5618	5716	5512	
40	5623	5681	5254	5326	5291	
45	5684	5632	5702	5674	5476	
50	5514	5673	5334	5610	5677	
55	5253	5437	5525	5561	5508	
60	5264	5389	5543	5363	5479	
65	5435	5701	5474	5693	5486	
70	5564	5604	5704	5414	5485	
75	5409	5436	5550	5622	5472	
80	5676	5686	5640	5266	5477	
85	5627	5548	5556	5348	5467	
90	5312	5488	5616	5542	5366	
95	5682	5642	5309	5555	5649	

Type 6 Radar Waveform_1						
Frequency List (MHz)	0	1	2	3	4	
0	5527	5350	5296	5428	5305	
5	5287	5585	5590	5638	5641	
10	5528	5546	5695	5274	5422	
15	5462	5624	5273	5684	5308	
20	5353	5637	5524	5262	5346	
25	5658	5713	5588	5405	5348	
30	5444	5421	5378	5690	5467	
35	5328	5709	5609	5665	5537	
40	5617	5337	5642	5531	5303	
45	5561	5682	5282	5437	5567	
50	5560	5685	5311	5253	5712	
55	5551	5381	5429	5372	5396	
60	5344	5532	5540	5431	5375	
65	5664	5309	5680	5384	5486	
70	5269	5496	5558	5647	5607	
75	5456	5293	5281	5556	5693	
80	5603	5724	5484	5457	5325	
85	5263	5672	5627	5487	5519	
90	5443	5335	5522	5447	5653	
95	5622	5623	5327	5555	5666	

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5307	5589	5707	5525	5329
5	5607	5665	5326	5373	5459
10	5335	5261	5469	5443	5453
15	5276	5376	5632	5500	5361
20	5706	5465	5254	5319	5546
25	5565	5316	5509	5382	5504
30	5333	5378	5496	5464	5287
35	5370	5325	5405	5343	5451
40	5456	5420	5580	5296	5300
45	5393	5662	5365	5495	5523
50	5350	5561	5487	5304	5374
55	5703	5617	5586	5638	5503
60	5669	5594	5682	5490	5352
65	5430	5676	5696	5636	5299
70	5252	5633	5305	5269	5403
75	5250	5264	5584	5501	5713
80	5539	5388	5260	5489	5530
85	5579	5635	5476	5645	5628
90	5657	5684	5412	5272	5438
95	5399	5515	5270	5598	5683

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5562	5353	5643	5275	5367
5	5468	5532	5265	5489	5580
10	5293	5599	5399	5664	5464
15	5541	5403	5382	5677	5692
20	5369	5397	5503	5343	5292
25	5337	5417	5422	5613	5416
30	5697	5335	5711	5616	5582
35	5509	5513	5676	5593	5462
40	5295	5518	5536	5297	5322
45	5642	5448	5553	5576	5712
50	5340	5566	5355	5415	5672
55	5647	5330	5280	5301	5457
60	5377	5323	5284	5321	5514
65	5413	5298	5704	5379	5528
70	5431	5577	5324	5619	5710
75	5629	5720	5362	5597	5407
80	5565	5656	5607	5494	5606
85	5451	5635	5684	5530	5268
90	5542	5352	5527	5484	5465
95	5508	5634	5594	5521	5686

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5342	5592	5579	5436	5587
5	5510	5554	5340	5652	5409
10	5699	5388	5440	5287	5485
15	5629	5530	5722	5280	5563
20	5444	5335	5265	5700	5366
25	5625	5717	5450	5685	5683
30	5292	5451	5390	5305	5648
35	5604	5569	5271	5376	5609
40	5456	5679	5294	5525	5531
45	5514	5502	5691	5267	5406
50	5601	5398	5494	5421	5709
55	5491	5654	5348	5452	5449
60	5363	5443	5714	5719	5430
65	5328	5273	5263	5701	5283
70	5493	5605	5713	5478	5696
75	5321	5566	5441	5453	5546
80	5433	5275	5295	5611	5632
85	5404	5585	5602	5447	5608
90	5481	5257	5663	5673	5262
95	5628	5351	5533	5703	5586

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5500	5356	5515	5429	5552
5	5479	5415	5718	5616	5533
10	5274	5481	5482	5506	5717
15	5657	5588	5670	5601	5288
20	5632	5385	5424	5713	5491
25	5693	5353	5443	5484	5252
30	5572	5724	5666	5542	5600
35	5312	5695	5365	5290	5448
40	5291	5394	5444	5558	5505
45	5614	5682	5389	5567	5457
50	5690	5696	5438	5609	5663
55	5584	5473	5319	5581	5308
60	5275	5637	5665	5253	5277
65	5687	5570	5593	5561	5565
70	5688	5338	5327	5672	5280
75	5464	5596	5624	5685	5352
80	5531	5459	5674	5629	5599
85	5336	5427	5639	5476	5532
90	5483	5363	5268	5708	5642
95	5720	5641	5321	5704	5714

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5280	5595	5451	5661	5649
5	5594	5501	5490	5406	5348
10	5464	5538	5522	5677	5527
15	5330	5687	5691	5715	5318
20	5296	5323	5423	5416	5686
25	5379	5642	5556	5547	5518
30	5294	5461	5681	5309	5316
35	5354	5311	5636	5674	5301
40	5384	5374	5332	5684	5385
45	5487	5485	5697	5630	5260
50	5654	5443	5619	5508	5304
55	5519	5285	5322	5617	5299
60	5292	5290	5710	5253	5582
65	5463	5708	5454	5701	5723
70	5305	5388	5364	5259	5341
75	5554	5648	5714	5407	5584
80	5264	5605	5462	5365	5312
85	5623	5262	5626	5319	5336
90	5366	5625	5441	5486	5278
95	5528	5274	5599	5493	5276

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5535	5359	5387	5347	5491
5	5258	5426	5565	5569	5652
10	5395	5327	5563	5397	5548
15	5321	5339	5319	5285	5510
20	5682	5392	5364	5505	5659
25	5645	5494	5284	5651	5552
30	5433	5447	5638	5524	5468
35	5618	5493	5402	5432	5352
40	5690	5698	5554	5270	5382
45	5465	5305	5591	5313	5541
50	5697	5320	5559	5393	5342
55	5704	5571	5489	5639	5267
60	5469	5673	5414	5289	5654
65	5277	5650	5662	5612	5280
70	5642	5331	5660	5441	5403
75	5527	5376	5310	5586	5714
80	5475	5568	5325	5623	5611
85	5683	5588	5451	5309	5537
90	5526	5501	5693	5536	5375
95	5288	5500	5575	5555	5626

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5315	5598	5323	5508	5711
5	5300	5448	5640	5257	5384
10	5704	5591	5604	5592	5569
15	5409	5466	5325	5330	5324
20	5690	5558	5305	5497	5632
25	5533	5346	5390	5280	5586
30	5475	5336	5595	5264	5717
35	5341	5590	5505	5537	5637
40	5683	5379	5723	5445	5388
45	5649	5269	5331	5573	5496
50	5610	5579	5543	5551	5698
55	5525	5679	5308	5396	5634
60	5715	5721	5687	5600	5478
65	5599	5347	5550	5403	5646
70	5444	5252	5503	5349	5453
75	5567	5394	5585	5485	5523
80	5617	5648	5643	5274	5491
85	5299	5699	5383	5570	5635
90	5397	5393	5709	5370	5398
95	5457	5658	5446	5681	5306

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5570	5362	5259	5669	5553
5	5342	5470	5715	5323	5591
10	5635	5380	5645	5690	5590
15	5497	5593	5428	5278	5516
20	5698	5627	5343	5586	5605
25	5421	5295	5481	5620	5517
30	5322	5552	5479	5394	5636
35	5674	5681	5596	5658	5615
40	5376	5720	5524	5357	5555
45	5425	5471	5707	5693	5449
50	5672	5661	5668	5366	5495
55	5411	5602	5581	5525	5324
60	5660	5650	5513	5643	5301
65	5548	5654	5345	5626	5572
70	5254	5544	5576	5692	5469
75	5499	5646	5598	5543	5520
80	5526	5617	5464	5611	5263
85	5542	5547	5422	5389	5507
90	5506	5410	5289	5354	5296
95	5436	5286	5644	5266	5657



Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5253	5601	5670	5355	5298
5	5384	5395	5315	5486	5323
10	5566	5266	5686	5410	5611
15	5585	5720	5531	5708	5609
20	5318	5284	5578	5687	5622
25	5321	5654	5656	5509	5597
30	5643	5359	5338	5297	5392
35	5433	5529	5312	5328	5462
40	5373	5484	5308	5554	5668
45	5375	5483	5325	5712	5282
50	5664	5342	5599	5584	5421
55	5552	5489	5605	5482	5339
60	5589	5502	5497	5673	5389
65	5429	5644	5715	5547	5455
70	5550	5564	5492	5642	5423
75	5707	5517	5721	5520	5306
80	5671	5582	5496	5320	5717
85	5713	5541	5399	5518	5427
90	5344	5669	5367	5361	5394
95	5705	5270	5635	5413	5719

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5508	5365	5606	5516	5615
5	5523	5417	5390	5649	5627
10	5400	5530	5349	5605	5632
15	5576	5275	5634	5368	5425
20	5617	5387	5700	5667	5551
25	5575	5571	5524	5689	5688
30	5698	5466	5337	5320	5654
35	5477	5388	5285	5586	5443
40	5626	5265	5467	5413	5288
45	5637	5251	5428	5370	5579
50	5549	5371	5487	5286	5690
55	5299	5618	5426	5308	5550
60	5314	5262	5535	5703	5446
65	5709	5696	5507	5707	5338
70	5701	5647	5652	5431	5509
75	5533	5612	5510	5675	5721
80	5264	5674	5514	5441	5423
85	5720	5450	5547	5471	5440
90	5403	5401	5659	5541	5399
95	5419	5664	5297	5492	5662



Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5288	5701	5542	5677	5360
5	5565	5342	5465	5337	5359
10	5331	5319	5390	5325	5653
15	5664	5402	5262	5413	5617
20	5625	5553	5263	5281	5524
25	5366	5423	5252	5318	5722
30	5265	5561	5552	5569	5474
35	5616	5479	5556	5264	5454
40	5591	5338	5505	5464	5720
45	5268	5309	5481	5635	5455
50	5250	5339	5460	5688	5608
55	5403	5341	5392	5437	5397
60	5340	5344	5592	5621	5563
65	5578	5526	5395	5648	5431
70	5399	5510	5410	5687	5650
75	5501	5310	5468	5405	5257
80	5356	5491	5452	5520	5463
85	5511	5258	5562	5694	5267
90	5719	5260	5568	5407	5512
95	5541	5639	5558	5276	5595

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5543	5465	5575	5266	5677
5	5607	5364	5540	5403	5566
10	5640	5583	5431	5520	5674
15	5277	5529	5268	5361	5334
20	5536	5622	5679	5273	5497
25	5254	5275	5358	5519	5281
30	5404	5450	5380	5292	5721
35	5672	5658	5570	5352	5514
40	5368	5304	5276	5270	5461
45	5649	5723	5328	5367	5534
50	5522	5331	5426	5390	5646
55	5511	5552	5591	5673	5582
60	5256	5469	5509	5537	5550
65	5486	5524	5252	5344	5684
70	5263	5669	5313	5579	5295
75	5653	5350	5286	5427	5374
80	5377	5499	5472	5704	5466
85	5301	5627	5422	5411	5453
90	5326	5657	5459	5283	5455
95	5492	5458	5258	5510	5546

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5701	5704	5511	5427	5422
5	5649	5289	5615	5566	5395
10	5571	5372	5472	5618	5695
15	5365	5656	5371	5406	5526
20	5544	5313	5620	5362	5470
25	5520	5699	5561	5623	5315
30	5446	5339	5337	5410	5495
35	5492	5322	5283	5667	5282
40	5689	5510	5458	5481	5703
45	5411	5328	5490	5312	5585
50	5602	5441	5260	5334	5399
55	5304	5627	5297	5453	5598
60	5674	5482	5382	5550	5293
65	5720	5473	5464	5591	5651
70	5281	5278	5262	5386	5343
75	5400	5545	5384	5479	5557
80	5316	5485	5408	5648	5554
85	5626	5506	5265	5423	5516
90	5483	5683	5592	5564	5468
95	5358	5612	5403	5547	5292

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5481	5468	5447	5588	5264
5	5313	5311	5690	5254	5602
10	5502	5258	5513	5338	5716
15	5356	5308	5474	5451	5718
20	5552	5479	5561	5354	5443
25	5408	5551	5289	5252	5349
30	5488	5325	5294	5625	5647
35	5461	5374	5516	5345	5293
40	5554	5462	5627	5653	5455
45	5410	5683	5494	5386	5543
50	5674	5303	5492	5632	5343
55	5581	5487	5272	5688	5364
60	5427	5689	5613	5416	5276
65	5717	5659	5305	5297	5267
70	5281	5426	5713	5520	5531
75	5636	5589	5383	5645	5405
80	5368	5704	5660	5680	5271
85	5591	5460	5476	5522	5517
90	5565	5394	5706	5619	5452
95	5256	5332	5601	5642	5504

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5261	5707	5383	5274	5484
5	5355	5711	5290	5417	5334
10	5336	5522	5554	5533	5262
15	5444	5338	5577	5399	5532
20	5463	5548	5599	5443	5416
25	5296	5500	5492	5356	5286
30	5627	5689	5251	5365	5421
35	5510	5600	5465	5312	5595
40	5682	5393	5545	5565	5418
45	5549	5339	5663	5596	5464
50	5337	5479	5543	5438	5455
55	5665	5680	5535	5677	5566
60	5659	5381	5529	5469	5521
65	5536	5459	5574	5666	5695
70	5515	5626	5575	5350	5275
75	5640	5259	5512	5413	5699
80	5594	5547	5708	5402	5660
85	5607	5502	5643	5511	5278
90	5528	5454	5503	5723	5674
95	5436	5629	5473	5435	5324

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5516	5471	5319	5435	5326
5	5397	5258	5365	5483	5638
10	5267	5311	5595	5253	5283
15	5532	5465	5680	5444	5724
20	5714	5540	5389	5562	5352
25	5695	5557	5320	5669	5578
30	5683	5580	5573	5708	5642
35	5556	5583	5273	5596	5707
40	5628	5406	5658	5546	5646
45	5660	5405	5649	5351	5688
50	5655	5594	5624	5656	5609
55	5296	5489	5392	5385	5630
60	5510	5694	5414	5353	5362
65	5300	5615	5634	5347	5518
70	5378	5586	5336	5384	5599
75	5665	5641	5531	5285	5402
80	5493	5712	5375	5711	5399
85	5380	5441	5703	5558	5424
90	5534	5494	5443	5631	5488
95	5612	5265	5254	5517	5355

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5296	5710	5255	5596	5546
5	5536	5658	5440	5646	5370
10	5673	5575	5636	5448	5304
15	5620	5592	5686	5489	5441
20	5479	5308	5481	5524	5362
25	5450	5679	5326	5661	5354
30	5711	5564	5640	5698	5347
35	5528	5306	5647	5476	5426
40	5607	5333	5344	5543	5526
45	5268	5463	5702	5616	5467
50	5356	5645	5713	5553	5484
55	5443	5582	5601	5542	5384
60	5359	5282	5663	5351	5501
65	5670	5557	5313	5656	5322
70	5544	5600	5500	5405	5474
75	5442	5631	5400	5396	5510
80	5283	5666	5275	5292	5516
85	5685	5314	5608	5637	5425
90	5492	5624	5309	5522	5334
95	5641	5342	5355	5665	5568

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5454	5474	5666	5282	5388
5	5578	5680	5515	5334	5577
10	5507	5364	5299	5546	5325
15	5611	5719	5314	5534	5633
20	5487	5519	5516	5335	5716
25	5628	5529	5290	5278	5453
30	5597	5438	5499	5348	5445
35	5360	5272	5676	5521	5482
40	5416	5566	5540	5407	5506
45	5351	5280	5503	5343	5532
50	5696	5327	5302	5400	5672
55	5397	5675	5401	5475	5671
60	5549	5589	5586	5394	5324
65	5513	5706	5389	5583	5459
70	5255	5308	5520	5559	5372
75	5428	5591	5455	5457	5412
80	5467	5296	5295	5413	5600
85	5251	5370	5257	5470	5458
90	5512	5298	5643	5374	5258
95	5485	5420	5691	5269	5450

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5709	5713	5602	5346	5608
5	5620	5605	5590	5497	5406
10	5438	5250	5340	5266	5699
15	5371	5417	5482	5350	5398
20	5543	5460	5308	5604	5480
25	5257	5394	5422	5439	5554
30	5653	5273	5546	5487	5451
35	5354	5435	5321	5499	5695
40	5331	5537	5336	5486	5434
45	5333	5293	5694	5708	5272
50	5416	5600	5344	5385	5351
55	5390	5446	5325	5714	5421
60	5412	5525	5462	5645	5599
65	5475	5640	5424	5391	5587
70	5524	5496	5518	5341	5548
75	5637	5436	5374	5470	5668
80	5631	5582	5490	5316	5539
85	5689	5562	5521	5706	5332
90	5463	5649	5493	5256	5367
95	5413	5419	5566	5318	5670

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5489	5477	5538	5507	5450
5	5662	5627	5665	5563	5613
10	5369	5514	5381	5461	5367
15	5312	5401	5520	5527	5542
20	5406	5709	5597	5281	5395
25	5429	5460	5498	5456	5459
30	5328	5511	5393	5425	5366
35	5626	5339	5446	5635	5582
40	5633	5571	5631	5265	5466
45	5517	5540	5289	5655	5570
50	5409	5323	5602	5326	5666
55	5573	5305	5580	5417	5454
60	5404	5291	5253	5335	5286
65	5348	5411	5681	5431	5270
70	5443	5496	5377	5590	5373
75	5472	5688	5668	5449	5320
80	5645	5290	5307	5316	5274
85	5279	5565	5475	5479	5530
90	5628	5430	5516	5379	5474
95	5550	5691	5552	5558	5640



Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5269	5716	5474	5668	5670
5	5326	5552	5265	5251	5345
10	5678	5303	5422	5656	5388
15	5400	5528	5623	5572	5259
20	5414	5439	5686	5254	5283
25	5281	5663	5699	5490	5501
30	5692	5468	5511	5674	5564
35	5290	5633	5707	5282	5360
40	5287	5571	5714	5628	5446
45	5600	5598	5342	5445	5349
50	5585	5374	5691	5624	5610
55	5286	5295	5711	5583	5569
60	5560	5636	5549	5717	5641
65	5637	5721	5665	5363	5593
70	5697	5448	5436	5657	5313
75	5398	5403	5705	5484	5330
80	5502	5694	5320	5712	5433
85	5526	5252	5253	5318	5464
90	5488	5447	5529	5534	5589
95	5531	5578	5638	5563	5548

Type 6 Radar Waveform_23					
Frequency List (MHz)	0	1	2	3	4
0	5427	5480	5410	5354	5512
5	5368	5574	5340	5414	5649
10	5609	5567	5463	5376	5409
15	5391	5655	5629	5617	5451
20	5325	5469	5380	5678	5702
25	5646	5608	5294	5328	5524
30	5640	5425	5251	5351	5384
35	5429	5724	5503	5435	5274
40	5313	5370	5509	5479	5625
45	5501	5329	5683	5559	5395
50	5332	5700	5286	5305	5447
55	5457	5474	5688	5485	5530
60	5262	5615	5259	5278	5489
65	5462	5275	5372	5309	5656
70	5473	5432	5349	5693	5546
75	5424	5626	5336	5494	5476
80	5703	5486	5551	5393	5284
85	5697	5597	5637	5297	5566
90	5398	5500	5548	5483	5289
95	5401	5658	5464	5584	5518

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5682	5719	5346	5515	5257
5	5410	5499	5415	5577	5381
10	5443	5356	5504	5474	5430
15	5479	5307	5565	5265	5333
20	5538	5321	5292	5675	5437
25	5557	5497	5432	5558	5567
30	5382	5466	5600	5582	5471
35	5299	5588	5285	5724	5453
40	5350	5622	5309	5291	5617
45	5448	5597	5576	5462	5476
50	5394	5270	5401	5642	5349
55	5708	5269	5424	5698	5385
60	5696	5573	5258	5692	5663
65	5702	5327	5431	5298	5303
70	5354	5498	5456	5637	5457
75	5335	5338	5267	5715	5659
80	5417	5260	5661	5266	5531
85	5273	5271	5648	5295	5435
90	5540	5609	5578	5639	5599
95	5482	5392	5353	5512	5427

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5462	5483	5282	5676	5574
5	5452	5521	5490	5265	5588
10	5374	5717	5545	5669	5451
15	5567	5434	5360	5610	5457
20	5341	5704	5359	5284	5648
25	5325	5409	5700	5536	5592
30	5724	5456	5339	5681	5277
35	5402	5528	5667	5363	5674
40	5563	5633	5288	5484	5619
45	5262	5289	5471	5675	5501
50	5638	5527	5723	5278	5499
55	5390	5546	5679	5398	5589
60	5643	5628	5686	5642	5396
65	5682	5631	5515	5594	5508
70	5503	5418	5321	5622	5279
75	5313	5467	5576	5683	5438
80	5587	5351	5523	5404	5519
85	5656	5612	5500	5320	5378
90	5706	5485	5424	5566	5338
95	5301	5372	5422	5718	5595

Type 6 Radar Waveform_26						
Frequency List (MHz)	0	1	2	3	4	
0	5717	5722	5693	5362	5319	
5	5591	5446	5565	5331	5320	
10	5305	5506	5586	5389	5472	
15	5655	5464	5463	5649	5252	
20	5395	5300	5373	5621	5358	
25	5428	5262	5626	5388	5442	
30	5296	5324	5526	5697	5274	
35	5619	5516	5588	5402	5716	
40	5701	5627	5713	5666	5269	
45	5554	5636	5706	5339	5578	
50	5669	5294	5667	5466	5453	
55	5483	5365	5553	5527	5279	
60	5460	5512	5685	5597	5631	
65	5250	5311	5672	5404	5471	
70	5255	5272	5696	5351	5419	
75	5364	5461	5304	5568	5679	
80	5653	5429	5403	5260	5283	
85	5570	5574	5439	5289	5503	
90	5406	5682	5612	5567	5278	
95	5253	5515	5695	5558	5528	

Type 6 Radar Waveform_27						
Frequency List (MHz)	0	1	2	3	4	
0	5400	5486	5629	5523	5636	
5	5633	5468	5640	5494	5624	
10	5614	5295	5724	5584	5493	
15	5646	5591	5566	5603	5366	
20	5260	5464	5716	5365	5594	
25	5479	5685	5631	5660	5430	
30	5331	5253	5539	5678	5420	
35	5316	5710	5259	5669	5502	
40	5324	5639	5392	5498	5637	
45	5694	5510	5582	5515	5283	
50	5592	5514	5654	5407	5673	
55	5659	5524	5656	5444	5630	
60	5389	5435	5323	5580	5703	
65	5557	5281	5589	5269	5390	
70	5424	5320	5706	5308	5341	
75	5397	5616	5571	5560	5635	
80	5267	5650	5403	5577	5721	
85	5665	5490	5445	5668	5410	
90	5343	5564	5364	5329	5648	
95	5651	5707	5618	5541	5712	

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5655	5347	5565	5587	5381
5	5675	5393	5715	5657	5356
10	5545	5559	5290	5682	5514
15	5259	5718	5572	5648	5558
20	5268	5630	5454	5567	5270
25	5537	5262	5470	5694	5472
30	5695	5685	5279	5452	5455
35	5326	5530	5444	5513	5652
40	5407	5577	5632	5707	5427
45	5704	5720	5277	5563	5426
50	5458	5691	5680	5372	5415
55	5367	5361	5388	5495	5310
60	5609	5575	5696	5261	5621
65	5626	5642	5292	5551	5392
70	5341	5473	5547	5665	5364
75	5540	5584	5324	5330	5647
80	5344	5306	5516	5382	5693
85	5307	5358	5416	5377	5349
90	5384	5549	5589	5721	5713
95	5636	5507	5518	5302	5654

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5435	5586	5501	5273	5698
5	5717	5415	5315	5345	5563
10	5476	5348	5331	5402	5535
15	5347	5370	5675	5693	5275
20	5654	5699	5695	5446	5540
25	5633	5486	5465	5574	5253
30	5611	5681	5642	5494	5604
35	5438	5594	5417	5423	5597
40	5427	5491	5587	5515	5300
45	5704	5259	5684	5328	5713
50	5616	5313	5712	5392	5256
55	5461	5305	5555	5578	5466
60	5342	5299	5520	5528	5659
65	5523	5575	5678	5599	5443
70	5670	5510	5459	5527	5396
75	5658	5624	5484	5362	5645
80	5694	5488	5490	5547	5539
85	5358	5269	5477	5372	5495
90	5602	5422	5411	5706	5485
95	5285	5439	5447	5568	5349



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/14
Test Item	Radar Statistical Performance Check (802.11ax-HE40 mode – 5510MHz) – Mode 1		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	1	1
1	5517	1	1	1	1
2	5494	1	1	1	0
3	5495	1	1	0	1
4	5492	1	1	1	1
5	5498	1	1	1	1
6	5499	1	1	1	0
7	5500	1	1	0	1
8	5501	1	1	1	1
9	5509	1	1	1	1
10	5504	1	1	1	1
11	5496	1	1	1	1
12	5507	1	1	0	1
13	5508	1	1	1	0
14	5512	1	1	0	1
15	5510	1	1	1	0
16	5503	1	0	0	1
17	5513	1	1	1	1
18	5505	1	1	0	1
19	5516	1	1	0	1
20	5520	1	1	1	1
21	5519	1	1	1	1
22	5526	1	0	1	1
23	5521	1	1	1	1
24	5515	1	1	1	1
25	5524	1	1	1	1
26	5525	1	1	1	0
27	5522	1	1	1	1
28	5528	1	1	1	0



29	5529	1	1	1	1
Probability:		100.0%	93.3%	76.7%	80.0%
Aggregate (Radar Types 1-4)		87.5% (>80%)			

Type 1 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	858.0	62	53196.0
Download	1	Type 1	1.0	898.0	59	52982.0
Download	2	Type 1	1.0	838.0	63	52794.0
Download	3	Type 1	1.0	918.0	58	53244.0
Download	4	Type 1	1.0	518.0	102	52836.0
Download	5	Type 1	1.0	818.0	65	53170.0
Download	6	Type 1	1.0	798.0	67	53466.0
Download	7	Type 1	1.0	3066.0	18	55188.0
Download	8	Type 1	1.0	778.0	68	52904.0
Download	9	Type 1	1.0	598.0	89	53222.0
Download	10	Type 1	1.0	938.0	57	53466.0
Download	11	Type 1	1.0	878.0	61	53558.0
Download	12	Type 1	1.0	698.0	76	53048.0
Download	13	Type 1	1.0	678.0	78	52884.0
Download	14	Type 1	1.0	658.0	81	53298.0
Download	15	Type 1	1.0	1126.0	47	52922.0
Download	16	Type 1	1.0	1538.0	35	53830.0
Download	17	Type 1	1.0	662.0	80	52960.0
Download	18	Type 1	1.0	1460.0	37	54020.0
Download	19	Type 1	1.0	1385.0	39	54015.0
Download	20	Type 1	1.0	1193.0	45	53685.0
Download	21	Type 1	1.0	849.0	63	53487.0
Download	22	Type 1	1.0	530.0	100	53000.0
Download	23	Type 1	1.0	1529.0	35	53515.0
Download	24	Type 1	1.0	1801.0	30	54030.0
Download	25	Type 1	1.0	2509.0	22	55198.0
Download	26	Type 1	1.0	2113.0	25	52825.0
Download	27	Type 1	1.0	799.0	67	53533.0
Download	28	Type 1	1.0	1358.0	39	52962.0
Download	29	Type 1	1.0	1752.0	31	54312.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.1	175.0	26	4550.0
Download	1	Type 2	1.0	217.0	23	4991.0
Download	2	Type 2	3.7	184.0	27	4968.0
Download	3	Type 2	1.3	162.0	23	3726.0
Download	4	Type 2	2.4	192.0	25	4800.0
Download	5	Type 2	3.0	173.0	26	4498.0
Download	6	Type 2	2.2	207.0	25	5175.0
Download	7	Type 2	2.8	156.0	26	4056.0
Download	8	Type 2	3.9	198.0	28	5544.0
Download	9	Type 2	2.6	210.0	25	5250.0
Download	10	Type 2	4.5	171.0	29	4959.0
Download	11	Type 2	1.5	213.0	24	5112.0
Download	12	Type 2	1.4	200.0	23	4600.0
Download	13	Type 2	2.1	176.0	24	4224.0
Download	14	Type 2	3.6	211.0	27	5697.0
Download	15	Type 2	2.8	230.0	26	5980.0
Download	16	Type 2	4.5	164.0	29	4756.0
Download	17	Type 2	1.7	195.0	24	4680.0
Download	18	Type 2	2.3	203.0	25	5075.0
Download	19	Type 2	5.0	228.0	29	6612.0
Download	20	Type 2	4.4	209.0	28	5852.0
Download	21	Type 2	4.6	186.0	29	5394.0
Download	22	Type 2	2.5	177.0	25	4425.0
Download	23	Type 2	4.4	181.0	28	5068.0
Download	24	Type 2	4.0	204.0	28	5712.0
Download	25	Type 2	2.4	189.0	25	4725.0
Download	26	Type 2	1.5	205.0	23	4715.0
Download	27	Type 2	3.9	218.0	28	6104.0
Download	28	Type 2	2.0	221.0	24	5304.0
Download	29	Type 2	3.6	178.0	27	4806.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.1	471.0	17	8007.0
Download	1	Type 3	6.0	396.0	16	6336.0
Download	2	Type 3	8.7	370.0	18	6660.0
Download	3	Type 3	6.3	258.0	16	4128.0
Download	4	Type 3	7.4	341.0	17	5797.0
Download	5	Type 3	8.0	308.0	17	5236.0
Download	6	Type 3	7.2	309.0	16	4944.0
Download	7	Type 3	7.8	226.0	17	3842.0
Download	8	Type 3	8.9	241.0	18	4338.0
Download	9	Type 3	7.6	400.0	17	6800.0
Download	10	Type 3	9.5	449.0	18	8082.0
Download	11	Type 3	6.5	486.0	16	7776.0
Download	12	Type 3	6.4	207.0	16	3312.0
Download	13	Type 3	7.1	326.0	16	5216.0
Download	14	Type 3	8.6	472.0	17	8024.0
Download	15	Type 3	7.8	395.0	17	6715.0
Download	16	Type 3	9.5	335.0	18	6030.0
Download	17	Type 3	6.7	373.0	16	5968.0
Download	18	Type 3	7.3	218.0	16	3488.0
Download	19	Type 3	10.0	321.0	18	5778.0
Download	20	Type 3	9.4	402.0	18	7236.0
Download	21	Type 3	9.6	406.0	18	7308.0
Download	22	Type 3	7.5	332.0	17	5644.0
Download	23	Type 3	9.4	424.0	18	7632.0
Download	24	Type 3	9.0	426.0	18	7668.0
Download	25	Type 3	7.4	493.0	17	8381.0
Download	26	Type 3	6.5	416.0	16	6656.0
Download	27	Type 3	8.9	464.0	18	8352.0
Download	28	Type 3	7.0	495.0	16	7920.0
Download	29	Type 3	8.6	454.0	17	7718.0

Type 4 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	15.8	471.0	14	6594.0
Download	1	Type 4	11.0	396.0	12	4752.0
Download	2	Type 4	17.1	370.0	15	5550.0
Download	3	Type 4	11.7	258.0	12	3096.0
Download	4	Type 4	14.2	341.0	13	4433.0
Download	5	Type 4	15.5	308.0	14	4312.0
Download	6	Type 4	13.7	309.0	13	4017.0
Download	7	Type 4	15.1	226.0	14	3164.0
Download	8	Type 4	17.6	241.0	15	3615.0
Download	9	Type 4	14.5	400.0	13	5200.0
Download	10	Type 4	18.9	449.0	16	7184.0
Download	11	Type 4	12.3	486.0	12	5832.0
Download	12	Type 4	12.0	207.0	12	2484.0
Download	13	Type 4	13.4	326.0	13	4238.0
Download	14	Type 4	16.8	472.0	15	7080.0
Download	15	Type 4	15.0	395.0	14	5530.0
Download	16	Type 4	18.9	335.0	16	5360.0
Download	17	Type 4	12.7	373.0	12	4476.0
Download	18	Type 4	13.9	218.0	13	2834.0
Download	19	Type 4	20.0	321.0	16	5136.0
Download	20	Type 4	18.6	402.0	16	6432.0
Download	21	Type 4	19.0	406.0	16	6496.0
Download	22	Type 4	14.5	332.0	13	4316.0
Download	23	Type 4	18.6	424.0	16	6784.0
Download	24	Type 4	17.8	426.0	15	6390.0
Download	25	Type 4	14.3	493.0	13	6409.0
Download	26	Type 4	12.2	416.0	12	4992.0
Download	27	Type 4	17.5	464.0	15	6960.0
Download	28	Type 4	13.2	495.0	13	6435.0
Download	29	Type 4	16.8	454.0	15	6810.0

Note: In addition, an average minimum percentage of successful detection across all four short pulse radar test

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (100\% + 93.3\% + 76.7\% + 80\%) / 4 = 87.5\% (>80\%)$



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	5510.0	1	15	5496.2	1
1	5510.0	1	16	5498.6	1
2	5510.0	1	17	5495.0	1
3	5510.0	1	18	5495.8	1
4	5510.0	1	19	5499.0	1
5	5510.0	1	20	5521.8	1
6	5510.0	1	21	5521.4	1
7	5510.0	1	22	5523.8	1
8	5510.0	1	23	5521.8	1
9	5510.0	1	24	5522.2	1
10	5498.6	1	25	5524.2	1
11	5494.6	0	26	5525.4	1
12	5494.6	1	27	5522.2	1
13	5495.4	1	28	5524.6	1
14	5497.4	1	29	5522.6	1
Detection Percentage (%)					96.7%

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)	
663385.0	76.7	13	2	1583.0	1538.0	-	
16529.0	50.1	13	1	1076.0	-	-	
223149.0	83.7	13	3	1906.0	1243.0	1758.0	
431374.0	54.3	13	1	1873.0	-	-	
638361.0	67.7	13	2	1360.0	1105.0	-	
845238.0	74.8	13	2	1852.0	1027.0	-	
198480.0	65.1	13	1	1498.0	-	-	
405290.0	72.9	13	2	1221.0	1776.0	-	
610988.0	86.6	13	3	1820.0	1491.0	1721.0	
820003.0	69.6	13	2	1057.0	1524.0	-	
172248.0	93.8	13	3	1387.0	1712.0	1714.0	
380548.0	57.3	13	1	1254.0	-	-	
587943.0	55.5	13	1	1522.0	-	-	
795551.0	63.6	13	1	1422.0	-	-	
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)	
257783.0	82.3	5	2	1486.0	1663.0	-	
621134.0	72.2	5	2	1350.0	1032.0	-	
983120.0	93.8	5	3	1649.0	1326.0	1285.0	
1348461.0	59.7	5	1	1396.0	-	-	
213259.0	66.4	5	1	1791.0	-	-	
575599.0	99.6	5	3	1910.0	1233.0	1305.0	
938246.0	92.0	5	3	1166.0	1603.0	1792.0	
1301118.0	94.0	5	3	1541.0	1338.0	1475.0	

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)	
84038.0	69.5	15	2	1567.0	1222.0	-	
264787.0	92.0	15	3	1098.0	1806.0	1216.0	
445990.0	87.5	15	3	1183.0	1279.0	1150.0	
628097.0	68.2	15	2	1214.0	1107.0	-	
61801.0	57.0	15	1	1744.0	-	-	
242587.0	85.9	15	3	1208.0	1122.0	1537.0	
424716.0	62.6	15	1	1809.0	-	-	
605416.0	82.3	15	2	1737.0	1010.0	-	
39412.0	82.6	15	2	1095.0	1328.0	-	
220483.0	67.6	15	2	1458.0	1779.0	-	
402608.0	62.8	15	1	1355.0	-	-	
583921.0	57.4	15	1	1685.0	-	-	
17091.0	56.0	15	1	1868.0	-	-	
197817.0	98.7	15	3	1840.0	1186.0	1555.0	
380063.0	62.8	15	1	1709.0	-	-	
561339.0	64.8	15	1	1987.0	-	-	
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)	
1320511.0	74.6	6	2	1848.0	1627.0	-	
313007.0	96.7	6	3	1239.0	1689.0	1300.0	
636746.0	63.2	6	1	1324.0	-	-	
957111.0	94.7	6	3	1935.0	1700.0	1420.0	
1283160.0	66.1	6	1	1006.0	-	-	
273582.0	68.8	6	2	1752.0	1112.0	-	
595454.0	89.2	6	3	1178.0	1654.0	1836.0	
920204.0	53.6	6	1	1039.0	-	-	
1239507.0	84.3	6	3	1698.0	1751.0	1684.0	

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)	
174952.0	92.9	10	3	1846.0	1697.0	1018.0	
416805.0	96.5	10	3	1017.0	1041.0	1480.0	
657699.0	97.3	10	3	1998.0	1374.0	1345.0	
899329.0	85.9	10	3	1093.0	1597.0	1760.0	
145511.0	68.6	10	2	1375.0	1149.0	-	
386960.0	67.5	10	2	1885.0	1850.0	-	
629990.0	51.6	10	1	1509.0	-	-	
869857.0	88.9	10	3	1666.0	1077.0	1397.0	
115636.0	82.7	10	2	1609.0	1575.0	-	
357236.0	80.7	10	2	1961.0	1667.0	-	
597990.0	91.8	10	3	1566.0	1703.0	1851.0	
841726.0	66.8	10	2	1080.0	1142.0	-	
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)	
73423.0	99.5	12	3	1690.0	1124.0	1865.0	
280602.0	67.8	12	2	1543.0	1830.0	-	
487585.0	79.3	12	2	1617.0	1901.0	-	
696606.0	60.3	12	1	1073.0	-	-	
48118.0	54.2	12	1	1814.0	-	-	
254958.0	87.0	12	3	1075.0	1155.0	1607.0	
462738.0	76.2	12	2	1056.0	1253.0	-	
668931.0	94.5	12	3	1156.0	1101.0	1495.0	
22495.0	98.1	12	3	1769.0	1664.0	1058.0	
230127.0	57.6	12	1	1376.0	-	-	
436213.0	83.6	12	3	1167.0	1548.0	1525.0	
645308.0	59.4	12	1	1270.0	-	-	
851047.0	79.0	12	2	1456.0	1658.0	-	
203586.0	85.2	12	3	1726.0	1897.0	1834.0	

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)	
524127.0	69.7	9	2	1321.0	1219.0	-	
786031.0	86.3	9	3	1916.0	1951.0	1518.0	
1050653.0	97.3	9	3	1047.0	1534.0	1409.0	
227589.0	77.9	9	2	1313.0	1510.0	-	
492219.0	50.6	9	1	1198.0	-	-	
756230.0	52.8	9	1	1598.0	-	-	
1017784.0	83.9	9	3	1926.0	1294.0	1195.0	
194941.0	83.9	9	3	1106.0	1096.0	1419.0	
459672.0	64.1	9	1	1180.0	-	-	
722022.0	89.5	9	3	1164.0	1908.0	1033.0	
988161.0	65.4	9	1	1289.0	-	-	
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)	
137180.0	96.5	12	3	1333.0	1874.0	1763.0	
361237.0	63.9	12	1	1431.0	-	-	
584736.0	50.0	12	1	1477.0	-	-	
808288.0	61.2	12	1	1437.0	-	-	
110055.0	68.6	12	2	1287.0	1152.0	-	
333229.0	73.3	12	2	1059.0	1682.0	-	
556504.0	67.9	12	2	1504.0	1130.0	-	
779772.0	71.1	12	2	1281.0	1316.0	-	
82305.0	98.0	12	3	1659.0	1929.0	1599.0	
305773.0	75.1	12	2	1162.0	1463.0	-	
528554.0	78.9	12	2	1620.0	1801.0	-	
750167.0	84.0	12	3	1844.0	1904.0	1426.0	
54905.0	84.4	12	3	1783.0	1558.0	1482.0	

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)	
212811.0	61.8	16	1	1969.0	-	-	
382674.0	81.8	16	2	1915.0	1628.0	-	
554791.0	62.9	16	1	1286.0	-	-	
21073.0	59.1	16	1	1564.0	-	-	
190894.0	86.2	16	3	1389.0	1847.0	1992.0	
361371.0	85.3	16	3	1542.0	1163.0	1462.0	
533578.0	62.8	16	1	1502.0	-	-	
31.0	87.8	16	3	1432.0	1362.0	1989.0	
170854.0	56.9	16	1	1553.0	-	-	
340012.0	83.5	16	3	1813.0	1635.0	1535.0	
510193.0	97.9	16	3	1248.0	1745.0	1728.0	
683341.0	65.3	16	1	1531.0	-	-	
149305.0	91.6	16	3	1377.0	1022.0	1539.0	
320672.0	54.8	16	1	1470.0	-	-	
490032.0	80.1	16	2	1968.0	1626.0	-	
659625.0	89.0	16	3	1842.0	1365.0	1168.0	
128672.0	83.0	16	2	1020.0	1074.0	-	
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)	
392131.0	65.5	11	1	1194.0	-	-	
615208.0	53.6	11	1	1956.0	-	-	
836193.0	89.8	11	3	1854.0	1615.0	1140.0	
140547.0	95.0	11	3	1589.0	1217.0	1379.0	
364520.0	57.8	11	1	1373.0	-	-	
586906.0	73.1	11	2	1982.0	1203.0	-	
810026.0	76.2	11	2	1348.0	1817.0	-	
113231.0	83.3	11	2	1439.0	1653.0	-	
336371.0	79.4	11	2	1481.0	1569.0	-	
558490.0	84.3	11	3	1941.0	1669.0	1111.0	
784129.0	65.7	11	1	1302.0	-	-	
85634.0	88.3	11	3	1453.0	1325.0	1519.0	
308807.0	81.1	11	2	1790.0	1496.0	-	

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)	
364136.0	60.1	19	1	1878.0	-	-	
514364.0	90.9	19	3	1845.0	1999.0	1072.0	
39875.0	52.2	19	1	1945.0	-	-	
192723.0	62.8	19	1	1479.0	-	-	
345466.0	66.0	19	1	1619.0	-	-	
497757.0	68.8	19	2	1210.0	1034.0	-	
21003.0	89.9	19	3	1173.0	1108.0	1511.0	
173618.0	74.7	19	2	1250.0	1251.0	-	
325096.0	97.8	19	3	1812.0	1267.0	1529.0	
478125.0	78.8	19	2	1975.0	1361.0	-	
2254.0	76.7	19	2	1049.0	1229.0	-	
154763.0	77.6	19	2	1606.0	1145.0	-	
306464.0	89.5	19	3	1131.0	1401.0	1876.0	
459581.0	80.4	19	2	1052.0	1976.0	-	
613478.0	52.2	19	1	1536.0	-	-	
135680.0	95.9	19	3	1161.0	1513.0	1451.0	
288175.0	77.0	19	2	1872.0	1561.0	-	
440863.0	68.5	19	2	1785.0	1158.0	-	
592008.0	87.8	19	3	1863.0	1304.0	1174.0	
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)	
247855.0	82.2	7	2	1896.0	1485.0	-	
571012.0	64.9	7	1	1979.0	-	-	
894417.0	59.5	7	1	1220.0	-	-	
1216158.0	75.2	7	2	1484.0	1201.0	-	
207936.0	94.3	7	3	1339.0	1516.0	1727.0	
530454.0	89.5	7	3	1079.0	1632.0	1234.0	
854533.0	54.0	7	1	1357.0	-	-	
1177261.0	58.7	7	1	1717.0	-	-	
168291.0	86.8	7	3	1528.0	1651.0	1007.0	



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)	
491172.0	75.9	6	2	1418.0	1356.0	-	
814927.0	56.8	6	1	1053.0	-	-	
1137805.0	51.0	6	1	1337.0	-	-	
128505.0	97.1	6	3	1699.0	1448.0	1843.0	
450699.0	99.5	6	3	1507.0	1644.0	1756.0	
773994.0	75.9	6	2	1428.0	1571.0	-	
1096632.0	73.4	6	2	1608.0	1403.0	-	
89073.0	56.9	6	1	1237.0	-	-	
411934.0	63.1	6	1	1931.0	-	-	
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)	
600282.0	78.8	9	2	1681.0	1623.0	-	
863398.0	88.8	9	3	1269.0	1067.0	1802.0	
40286.0	61.3	9	1	1866.0	-	-	
303907.0	99.1	9	3	1399.0	1144.0	1137.0	
568927.0	58.3	9	1	1128.0	-	-	
832238.0	67.8	9	2	1400.0	1029.0	-	
7746.0	74.8	9	2	1665.0	1100.0	-	
271887.0	63.1	9	1	1835.0	-	-	
535060.0	67.3	9	2	1891.0	1899.0	-	
799682.0	68.3	9	2	1372.0	1110.0	-	
1062005.0	92.8	9	3	1827.0	1086.0	1262.0	
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)	
164225.0	73.9	15	2	1181.0	1577.0	-	
344376.0	87.4	15	3	1713.0	1955.0	1425.0	
527903.0	52.3	15	1	1030.0	-	-	
709156.0	65.7	15	1	1447.0	-	-	
141904.0	78.0	15	2	1109.0	1637.0	-	
323610.0	56.1	15	1	1652.0	-	-	
505429.0	66.1	15	1	1177.0	-	-	
686540.0	50.5	15	1	1724.0	-	-	
119816.0	65.7	15	1	1276.0	-	-	
301343.0	58.0	15	1	1430.0	-	-	
481920.0	73.4	15	2	1560.0	1381.0	-	
664545.0	62.0	15	1	1319.0	-	-	
97469.0	60.1	15	1	1119.0	-	-	
278964.0	53.0	15	1	1472.0	-	-	
458809.0	98.9	15	3	1521.0	1318.0	1392.0	
639263.0	90.9	15	3	1042.0	1805.0	1871.0	

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)
92275.0	77.8	12	2	1263.0	1621.0	-
315410.0	79.6	12	2	1765.0	1238.0	-
539083.0	78.1	12	2	1061.0	1044.0	-
762562.0	63.6	12	1	1966.0	-	-
64850.0	56.9	12	1	1959.0	-	-
287458.0	95.3	12	3	1369.0	1334.0	1787.0
511041.0	82.8	12	2	1135.0	1921.0	-
733020.0	98.3	12	3	1660.0	1762.0	1081.0
37307.0	79.7	12	2	1301.0	1275.0	-
260517.0	76.5	12	2	1013.0	1707.0	-
483710.0	83.1	12	2	1642.0	1120.0	-
707516.0	56.5	12	1	1981.0	-	-
9784.0	91.7	12	3	1730.0	1092.0	1995.0
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)
159585.0	50.3	19	1	1273.0	-	-
311525.0	81.2	19	2	1789.0	1359.0	-
464246.0	72.1	19	2	1102.0	1630.0	-
613888.0	85.7	19	3	1944.0	1793.0	1924.0
140782.0	65.9	19	1	1153.0	-	-
293585.0	62.8	19	1	1358.0	-	-
444410.0	88.5	19	3	1604.0	1459.0	1151.0
599337.0	54.4	19	1	1299.0	-	-
121268.0	85.3	19	3	1001.0	1749.0	1920.0
273852.0	69.1	19	2	1788.0	1646.0	-
425478.0	93.4	19	3	1829.0	1405.0	1259.0
580648.0	59.7	19	1	1147.0	-	-
102836.0	72.8	19	2	1117.0	1742.0	-
254622.0	91.3	19	3	1764.0	1582.0	1232.0
408692.0	55.1	19	1	1490.0	-	-
561086.0	55.4	19	1	1965.0	-	-
83969.0	76.8	19	2	1716.0	1772.0	-
236866.0	51.1	19	1	1986.0	-	-
388346.0	96.1	19	3	1211.0	1679.0	1062.0

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)	
1031885.0	59.5	8	1	1923.0	-	-	
124322.0	76.9	8	2	1330.0	1132.0	-	
414028.0	97.1	8	3	1735.0	1260.0	1587.0	
703961.0	83.5	8	3	1317.0	1618.0	1636.0	
993620.0	89.3	8	3	1189.0	1879.0	1828.0	
88611.0	54.7	8	1	1584.0	-	-	
378520.0	85.8	8	3	1085.0	1258.0	1595.0	
668956.0	78.7	8	2	1953.0	1353.0	-	
960420.0	54.6	8	1	1773.0	-	-	
52808.0	54.1	8	1	1611.0	-	-	
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)	
285451.0	86.1	10	3	1023.0	1413.0	1565.0	
528569.0	51.4	10	1	1060.0	-	-	
769899.0	73.1	10	2	1129.0	1154.0	-	
14176.0	59.5	10	1	1116.0	-	-	
256212.0	58.9	10	1	1991.0	-	-	
498571.0	65.4	10	1	1370.0	-	-	
739446.0	76.8	10	2	1875.0	1280.0	-	
982640.0	51.2	10	1	1705.0	-	-	
226205.0	76.3	10	2	1352.0	1487.0	-	
467345.0	94.2	10	3	1799.0	1315.0	1223.0	
709006.0	90.3	10	3	1277.0	1421.0	1385.0	
952740.0	60.3	10	1	1784.0	-	-	

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)	
117321.0	86.5	20	3	1019.0	1958.0	1408.0	
261501.0	92.6	20	3	1861.0	1187.0	1964.0	
408380.0	60.5	20	1	1236.0	-	-	
549988.0	84.7	20	3	1900.0	1278.0	1963.0	
99970.0	53.8	20	1	1739.0	-	-	
244086.0	84.1	20	3	1341.0	1710.0	1082.0	
390217.0	54.0	20	1	1657.0	-	-	
533831.0	77.7	20	2	1633.0	1704.0	-	
81671.0	92.9	20	3	1918.0	1919.0	1011.0	
227306.0	52.9	20	1	1445.0	-	-	
371535.0	75.3	20	2	1917.0	1037.0	-	
514995.0	87.1	20	3	1841.0	1354.0	1311.0	
64004.0	97.1	20	3	1314.0	1457.0	1024.0	
209404.0	64.7	20	1	1503.0	-	-	
354614.0	53.3	20	1	1410.0	-	-	
496993.0	97.7	20	3	1444.0	1493.0	1823.0	
46218.0	82.8	20	2	1677.0	1795.0	-	
191028.0	81.0	20	2	1303.0	1753.0	-	
336075.0	80.1	20	2	1371.0	1205.0	-	
479260.0	84.2	20	3	1778.0	1650.0	1271.0	
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)	
31546.0	83.8	18	3	1722.0	1046.0	1204.0	
192938.0	50.2	18	1	1674.0	-	-	
352643.0	99.3	18	3	1429.0	1514.0	1691.0	
513955.0	67.6	18	2	1694.0	1974.0	-	
11760.0	70.2	18	2	1446.0	1884.0	-	
173015.0	50.1	18	1	1889.0	-	-	
334280.0	63.9	18	1	1819.0	-	-	
495042.0	75.8	18	2	1028.0	1441.0	-	
658049.0	78.3	18	2	1264.0	1288.0	-	
153186.0	54.1	18	1	1755.0	-	-	
314633.0	50.4	18	1	1364.0	-	-	
475640.0	57.0	18	1	1853.0	-	-	
637049.0	55.8	18	1	1675.0	-	-	
132733.0	99.2	18	3	1768.0	1298.0	1631.0	
293561.0	90.5	18	3	1870.0	1063.0	1133.0	
455855.0	54.4	18	1	1743.0	-	-	
618030.0	72.9	18	2	1747.0	1170.0	-	
113522.0	54.5	18	1	1383.0	-	-	

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)	
260469.0	50.9	19	1	1160.0	-	-	
413393.0	51.7	19	1	1118.0	-	-	
564600.0	74.6	19	2	1411.0	1600.0	-	
88455.0	77.0	19	2	1673.0	1508.0	-	
241534.0	61.3	19	1	1427.0	-	-	
393275.0	83.1	19	2	1384.0	1786.0	-	
545616.0	76.2	19	2	1614.0	1634.0	-	
69559.0	86.1	19	3	1546.0	1256.0	1488.0	
222855.0	62.5	19	1	1012.0	-	-	
373798.0	94.3	19	3	1936.0	1292.0	1123.0	
528502.0	62.1	19	1	1272.0	-	-	
50894.0	79.2	19	2	1821.0	1545.0	-	
203460.0	68.4	19	2	1284.0	1450.0	-	
354615.0	95.4	19	3	1810.0	1423.0	1903.0	
509178.0	64.1	19	1	1883.0	-	-	
32228.0	56.0	19	1	1398.0	-	-	
184527.0	76.5	19	2	1661.0	1574.0	-	
336201.0	86.2	19	3	1015.0	1831.0	1729.0	
488242.0	93.4	19	3	1572.0	1748.0	1290.0	
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)	
19524.0	92.9	11	3	1886.0	1824.0	1242.0	
243051.0	64.5	11	1	1720.0	-	-	
466502.0	53.6	11	1	1734.0	-	-	
688513.0	70.2	11	2	1662.0	2000.0	-	
912918.0	78.2	11	2	1040.0	1192.0	-	
214943.0	99.5	11	3	1004.0	1715.0	1494.0	
437813.0	88.7	11	3	1009.0	1777.0	1393.0	
662803.0	52.4	11	1	1218.0	-	-	
883845.0	68.3	11	2	1971.0	1887.0	-	
187725.0	81.2	11	2	1933.0	1141.0	-	
410049.0	98.0	11	3	1740.0	1185.0	1954.0	
634540.0	74.2	11	2	1068.0	1200.0	-	
856181.0	98.9	11	3	1249.0	1530.0	1296.0	

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)
115443.0	74.7	18	2	1985.0	1881.0	-
276535.0	78.3	18	2	1547.0	1499.0	-
437781.0	80.0	18	2	1592.0	1003.0	-
598189.0	78.4	18	2	1578.0	1738.0	-
96003.0	59.6	18	1	1366.0	-	-
257444.0	56.8	18	1	1148.0	-	-
416974.0	89.0	18	3	1308.0	1656.0	1169.0
579787.0	66.1	18	1	1693.0	-	-
75768.0	91.5	18	3	1078.0	1455.0	1973.0
236205.0	84.1	18	3	1474.0	1670.0	1804.0
397171.0	87.7	18	3	1500.0	1616.0	1035.0
559292.0	69.6	18	2	1050.0	1390.0	-
56222.0	63.7	18	1	1719.0	-	-
216490.0	99.1	18	3	1984.0	1466.0	1335.0
376697.0	85.8	18	3	1460.0	1993.0	1894.0
539956.0	55.1	18	1	1816.0	-	-
36159.0	92.9	18	3	1888.0	1957.0	1506.0
196673.0	99.8	18	3	1882.0	1837.0	1213.0
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)
379432.0	72.6	16	2	1424.0	1469.0	-
551241.0	54.2	16	1	1215.0	-	-
17477.0	61.1	16	1	1241.0	-	-
188043.0	80.0	16	2	1088.0	1394.0	-
357699.0	90.1	16	3	1605.0	1320.0	1402.0
527738.0	97.3	16	3	1417.0	1435.0	1622.0
698673.0	81.6	16	2	1940.0	1708.0	-
166569.0	96.4	16	3	1934.0	1382.0	1104.0
337046.0	77.5	16	2	1701.0	1990.0	-
507379.0	72.6	16	2	1932.0	1718.0	-
678629.0	80.7	16	2	1087.0	1593.0	-
146144.0	57.8	16	1	1864.0	-	-
316989.0	54.8	16	1	1645.0	-	-
487676.0	64.6	16	1	1808.0	-	-
657825.0	70.0	16	2	1165.0	1297.0	-
125123.0	63.2	16	1	1800.0	-	-
296078.0	54.4	16	1	1342.0	-	-

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)	
659167.0	90.2	10	3	1746.0	1922.0	1774.0	
903646.0	65.3	10	1	1833.0	-	-	
147255.0	85.7	10	3	1551.0	1206.0	1179.0	
388792.0	96.5	10	3	1416.0	1523.0	1099.0	
630836.0	69.6	10	2	1391.0	1869.0	-	
870849.0	97.3	10	3	1672.0	1839.0	1723.0	
117595.0	77.2	10	2	1380.0	1733.0	-	
359891.0	51.4	10	1	1671.0	-	-	
601179.0	80.4	10	2	1125.0	1937.0	-	
844517.0	65.9	10	1	1230.0	-	-	
87927.0	50.5	10	1	1832.0	-	-	
330174.0	64.5	10	1	1346.0	-	-	
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)	
763497.0	50.3	7	1	1228.0	-	-	
1086400.0	52.9	7	1	1442.0	-	-	
77409.0	97.3	7	3	1295.0	1083.0	1209.0	
400120.0	75.4	7	2	1340.0	1563.0	-	
722567.0	81.5	7	2	1625.0	1692.0	-	
1045310.0	75.3	7	2	1939.0	1159.0	-	
37708.0	70.0	7	2	1683.0	1038.0	-	
360025.0	87.7	7	3	1226.0	1329.0	1639.0	
682463.0	94.7	7	3	1065.0	1938.0	1036.0	

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)	
530059.0	88.2	16	3	1467.0	1754.0	1464.0	
702286.0	82.8	16	2	1235.0	1282.0	-	
169199.0	96.9	16	3	1688.0	1114.0	1000.0	
340730.0	63.2	16	1	1207.0	-	-	
510940.0	79.3	16	2	1115.0	1051.0	-	
681912.0	66.3	16	1	1858.0	-	-	
148237.0	85.4	16	3	1231.0	1245.0	1268.0	
318314.0	83.6	16	3	1103.0	1676.0	1436.0	
489401.0	79.3	16	2	1750.0	1157.0	-	
659995.0	73.1	16	2	1309.0	1492.0	-	
127225.0	99.7	16	3	1274.0	1091.0	1576.0	
298377.0	50.4	16	1	1797.0	-	-	
467558.0	94.7	16	3	1596.0	1097.0	1478.0	
637642.0	95.7	16	3	1138.0	1559.0	1588.0	
106104.0	89.8	16	3	1680.0	1996.0	1265.0	
277386.0	57.2	16	1	1687.0	-	-	
448520.0	53.2	16	1	1146.0	-	-	
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)	
957352.0	52.9	9	1	1732.0	-	-	
132328.0	56.9	9	1	1780.0	-	-	
395461.0	83.9	9	3	1449.0	1826.0	1293.0	
659684.0	78.6	9	2	1962.0	1368.0	-	
924915.0	59.6	9	1	1613.0	-	-	
99614.0	81.3	9	2	1811.0	1902.0	-	
363271.0	81.0	9	2	1838.0	1942.0	-	
627327.0	81.9	9	2	1550.0	1549.0	-	
891186.0	77.2	9	2	1367.0	1695.0	-	
67206.0	69.7	9	2	1312.0	1240.0	-	
330474.0	83.4	9	3	1471.0	1983.0	1378.0	

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)	
408597.0	82.5	15	2	1404.0	1363.0	-	
589140.0	73.4	15	2	1859.0	1775.0	-	
23794.0	89.3	15	3	1172.0	1202.0	1171.0	
204326.0	100.0	15	3	1815.0	1949.0	1629.0	
386478.0	75.6	15	2	1182.0	1191.0	-	
568161.0	59.7	15	1	1898.0	-	-	
1498.0	51.9	15	1	1862.0	-	-	
182832.0	82.6	15	2	1055.0	1266.0	-	
363493.0	88.9	15	3	1199.0	1476.0	1031.0	
544851.0	83.3	15	2	1573.0	1643.0	-	
723818.0	90.4	15	3	1552.0	1972.0	1905.0	
160226.0	80.9	15	2	1895.0	1686.0	-	
340997.0	91.9	15	3	1440.0	1585.0	1121.0	
523116.0	67.9	15	2	1043.0	1351.0	-	
705359.0	51.1	15	1	1412.0	-	-	
137796.0	92.9	15	3	1782.0	1002.0	1505.0	



Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
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
15	1	30	1
Detection Percentage (%)			100%

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5592	5420	5666	5705	5605
5	5675	5502	5444	5711	5539
10	5493	5508	5328	5625	5260
15	5385	5323	5384	5342	5356
20	5303	5679	5272	5629	5513
25	5400	5270	5383	5489	5630
30	5651	5252	5530	5445	5596
35	5706	5459	5723	5302	5273
40	5526	5429	5310	5518	5586
45	5471	5427	5568	5639	5451
50	5376	5455	5364	5636	5563
55	5266	5423	5439	5525	5579
60	5311	5472	5256	5576	5588
65	5325	5608	5279	5422	5319
70	5652	5599	5619	5479	5293
75	5389	5320	5387	5637	5672
80	5522	5631	5283	5312	5516
85	5465	5682	5401	5667	5345
90	5544	5713	5294	5483	5534
95	5287	5669	5512	5477	5300

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5372	5281	5602	5391	5447
5	5717	5524	5519	5399	5271
10	5336	5379	5646	5523	5348
15	5415	5426	5429	5534	5267
20	5620	5264	5401	5349	5473
25	5487	5672	5637	5684	5270
30	5694	5319	5370	5550	5455
35	5284	5365	5512	5723	5661
40	5680	5303	5310	5313	5529
45	5692	5338	5252	5631	5250
50	5386	5588	5611	5296	5715
55	5398	5282	5601	5421	5521
60	5420	5626	5651	5577	5703
65	5687	5632	5321	5597	5724
70	5585	5719	5328	5269	5289
75	5410	5305	5653	5681	5635
80	5677	5280	5507	5286	5465
85	5333	5258	5649	5510	5499
90	5481	5461	5551	5352	5431
95	5278	5381	5416	5390	5392

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5627	5520	5538	5552	5667
5	5381	5449	5594	5465	5575
10	5267	5643	5687	5718	5436
15	5542	5529	5474	5251	5275
20	5658	5353	5676	5579	5688
25	5557	5714	5526	5641	5485
30	5371	5614	5509	5263	5412
35	5608	5673	5679	5692	5661
40	5426	5677	5707	5290	5396
45	5587	5648	5603	5332	5466
50	5339	5532	5324	5250	5430
55	5595	5253	5255	5586	5563
60	5252	5452	5597	5400	5652
65	5626	5464	5591	5303	5321
70	5571	5722	5623	5307	5636
75	5530	5351	5634	5458	5270
80	5559	5366	5379	5277	5664
85	5525	5328	5298	5422	5685
90	5675	5505	5515	5721	5660
95	5369	5486	5262	5376	5395

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5310	5284	5474	5713	5509
5	5423	5471	5669	5628	5307
10	5673	5432	5253	5438	5688
15	5427	5632	5422	5443	5283
20	5607	5599	5345	5548	5555
25	5625	5317	5591	5378	5415
30	5598	5700	5620	5337	5551
35	5354	5683	5383	5587	5518
40	5300	5666	5674	5636	5270
45	5479	5645	5701	5490	5382
50	5508	5517	5525	5410	5379
55	5512	5679	5414	5699	5384
60	5276	5559	5375	5543	5601
65	5662	5386	5581	5654	5347
70	5501	5266	5605	5650	5494
75	5615	5710	5340	5433	5442
80	5274	5519	5664	5254	5488
85	5520	5641	5263	5573	5505
90	5365	5511	5452	5603	5294
95	5541	5343	5277	5596	5638

Type 6 Radar Waveform_4						
Frequency List (MHz)	0	1	2	3	4	
0	5565	5523	5410	5399	5254	
5	5465	5396	5269	5316	5514	
10	5507	5696	5294	5536	5709	
15	5515	5321	5260	5467	5635	
20	5669	5298	5540	5434	5521	
25	5346	5477	5510	5421	5625	
30	5420	5401	5555	5343	5297	
35	5632	5690	5445	5479	5598	
40	5357	5383	5537	5431	5671	
45	5468	5250	5562	5606	5279	
50	5280	5258	5684	5568	5614	
55	5708	5323	5700	5633	5335	
60	5573	5513	5441	5453	5391	
65	5676	5586	5424	5550	5601	
70	5506	5278	5384	5640	5350	
75	5575	5295	5596	5390	5393	
80	5597	5505	5649	5714	5567	
85	5571	5548	5615	5692	5703	
90	5530	5486	5485	5306	5403	
95	5327	5647	5256	5699	5608	

Type 6 Radar Waveform_5						
Frequency List (MHz)	0	1	2	3	4	
0	5345	5287	5346	5560	5571	
5	5507	5418	5344	5479	5343	
10	5438	5485	5335	5256	5255	
15	5603	5448	5266	5512	5352	
20	5677	5367	5578	5426	5494	
25	5709	5329	5713	5525	5659	
30	5462	5290	5558	5546	5355	
35	5354	5536	5275	5689	5293	
40	5563	5378	5574	5668	5397	
45	5705	5645	5664	5332	5642	
50	5609	5385	5619	5703	5531	
55	5316	5587	5428	5430	5544	
60	5545	5606	5398	5320	5502	
65	5532	5625	5596	5637	5716	
70	5548	5662	5626	5450	5577	
75	5551	5446	5415	5683	5503	
80	5377	5286	5568	5646	5434	
85	5470	5510	5511	5474	5268	
90	5594	5523	5695	5620	5520	
95	5270	5420	5651	5311	5613	



Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5600	5526	5282	5721	5316
5	5646	5343	5419	5545	5550
10	5272	5371	5376	5451	5276
15	5691	5478	5369	5557	5544
20	5685	5533	5519	5515	5467
25	5597	5278	5441	5251	5693
30	5601	5654	5469	5298	5698
35	5650	5493	5627	5643	5367
40	5426	5607	5339	5287	5704
45	5253	5722	5385	5432	5485
50	5561	5670	5317	5257	5589
55	5504	5541	5618	5724	5674
60	5296	5440	5425	5351	5673
65	5548	5465	5328	5709	5453
70	5527	5415	5438	5558	5516
75	5633	5450	5629	5470	5352
80	5571	5427	5439	5697	5626
85	5457	5524	5534	5706	5295
90	5443	5592	5430	5413	5324
95	5270	5536	5511	5463	5602

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5283	5290	5693	5310	5633
5	5688	5365	5494	5708	5282
10	5678	5635	5417	5646	5297
15	5682	5605	5472	5505	5261
20	5596	5602	5460	5507	5440
25	5388	5547	5355	5630	5643
30	5640	5426	5513	5373	5535
35	5718	5439	5617	5340	5446
40	5254	5579	5284	5665	5336
45	5683	5438	5319	5264	5262
50	5721	5406	5555	5436	5692
55	5495	5333	5543	5486	5328
60	5461	5385	5459	5251	5424
65	5649	5612	5710	5497	5695
70	5553	5275	5503	5577	5287
75	5558	5397	5539	5671	5626
80	5414	5517	5316	5291	5534
85	5619	5307	5651	5615	5444
90	5550	5632	5491	5412	5536
95	5551	5286	5376	5341	5571

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5538	5529	5629	5471	5378
5	5255	5290	5569	5396	5586
10	5609	5424	5458	5366	5318
15	5295	5257	5575	5550	5604
20	5293	5498	5596	5413	5276
25	5554	5275	5459	5664	5685
30	5383	5631	5624	5668	5674
35	5431	5710	5351	5285	5337
40	5667	5344	5281	5562	5548
45	5419	5266	5394	5584	5615
50	5438	5297	5592	5380	5405
55	5449	5523	5362	5360	5457
60	5626	5330	5291	5649	5467
65	5375	5443	5648	5590	5505
70	5681	5556	5599	5382	5536
75	5256	5678	5540	5520	5448
80	5261	5670	5379	5637	5641
85	5608	5594	5336	5272	5702
90	5388	5264	5715	5260	5428
95	5294	5645	5568	5341	5714

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5318	5293	5565	5632	5695
5	5297	5312	5644	5559	5443
10	5688	5596	5464	5339	5383
15	5384	5678	5595	5267	5612
20	5459	5439	5588	5386	5542
25	5406	5478	5563	5698	5349
30	5418	5340	5371	5398	5488
35	5338	5522	5603	5448	5265
40	5696	5517	5605	5487	5278
45	5394	5528	5502	5324	5447
50	5471	5491	5614	5348	5681
55	5676	5702	5593	5403	5713
60	5331	5586	5316	5275	5475
65	5413	5673	5392	5587	5325
70	5397	5252	5263	5667	5351
75	5358	5495	5323	5598	5700
80	5274	5451	5370	5539	5537
85	5361	5276	5450	5557	5431
90	5615	5656	5636	5462	5405
95	5266	5651	5279	5585	5396

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5573	5532	5501	5318	5440
5	5436	5712	5719	5625	5525
10	5374	5477	5637	5659	5360
15	5471	5511	5684	5543	5459
20	5523	5528	5380	5677	5359
25	5430	5258	5681	5289	5257
30	5391	5404	5297	5586	5550
35	5686	5613	5399	5698	5654
40	5535	5600	5252	5275	5323
45	5508	5585	5285	5500	5261
50	5270	5315	5295	5402	5646
55	5306	5357	5428	5378	5302
60	5715	5481	5317	5527	5301
65	5341	5623	5632	5667	5530
70	5335	5675	5334	5454	5572
75	5443	5254	5579	5384	5707
80	5534	5602	5556	5389	5617
85	5580	5409	5282	5570	5272
90	5291	5699	5451	5425	5607
95	5314	5367	5565	5696	5697

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5256	5296	5437	5479	5660
5	5478	5259	5319	5313	5354
10	5305	5266	5678	5379	5381
15	5462	5541	5312	5588	5651
20	5531	5694	5418	5669	5332
25	5696	5682	5409	5393	5291
30	5433	5293	5254	5326	5324
35	5506	5519	5704	5670	5376
40	5665	5374	5683	5481	5492
45	5369	5630	5488	5668	5343
50	5553	5623	5621	5491	5450
55	5384	5700	5493	5397	5311
60	5618	5672	5272	5646	5262
65	5359	5699	5402	5697	5290
70	5659	5367	5559	5333	5504
75	5261	5662	5524	5310	5316
80	5444	5466	5300	5560	5632
85	5601	5276	5557	5706	5580
90	5340	5448	5661	5480	5260
95	5278	5318	5400	5716	5505

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5511	5535	5373	5640	5502
5	5520	5659	5394	5476	5561
10	5614	5627	5719	5574	5402
15	5550	5668	5415	5633	5368
20	5539	5288	5359	5283	5305
25	5584	5534	5515	5497	5325
30	5572	5279	5686	5444	5704
35	5658	5320	5466	5529	5579
40	5688	5388	5419	5635	5366
45	5559	5468	5276	5401	5606
50	5413	5667	5501	5570	5523
55	5437	5585	5265	5711	5491
60	5622	5336	5682	5666	5525
65	5348	5423	5714	5598	5674
70	5354	5514	5576	5722	5287
75	5286	5275	5586	5443	5541
80	5409	5507	5269	5290	5253
85	5528	5568	5557	5548	5543
90	5435	5712	5333	5300	5425
95	5284	5370	5578	5412	5258

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5291	5299	5309	5326	5722
5	5562	5681	5469	5639	5293
10	5545	5416	5285	5294	5423
15	5638	5320	5518	5678	5560
20	5450	5454	5300	5275	5278
25	5472	5483	5718	5601	5359
30	5614	5643	5659	5250	5524
35	5322	5508	5304	5493	5527
40	5471	5260	5400	5363	5488
45	5448	5362	5373	5368	5552
50	5346	5284	5298	5597	5426
55	5688	5593	5530	5501	5627
60	5498	5351	5624	5663	5634
65	5409	5317	5648	5708	5290
70	5697	5262	5709	5706	5489
75	5522	5661	5617	5525	5413
80	5288	5460	5487	5603	5281
85	5666	5581	5590	5387	5404
90	5521	5616	5474	5301	5629
95	5676	5306	5383	5613	5391

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5546	5538	5720	5487	5564
5	5701	5606	5544	5705	5500
10	5379	5680	5326	5392	5444
15	5251	5447	5621	5626	5277
20	5458	5523	5716	5364	5263
25	5335	5446	5327	5393	5656
30	5532	5600	5399	5402	5722
35	5599	5630	5457	5504	5463
40	5554	5673	5640	5360	5320
45	5331	5442	5420	5712	5565
50	5627	5603	5273	5547	5703
55	5486	5551	5616	5507	5659
60	5666	5669	5427	5274	5715
65	5612	5573	5516	5595	5342
70	5316	5390	5449	5668	5254
75	5351	5632	5503	5438	5403
80	5618	5476	5425	5483	5363
85	5329	5566	5624	5717	5354
90	5318	5280	5389	5671	5674
95	5511	5304	5608	5709	5657

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5326	5302	5656	5551	5309
5	5268	5628	5619	5393	5329
10	5310	5469	5367	5587	5465
15	5717	5574	5627	5671	5466
20	5689	5279	5356	5699	5626
25	5662	5649	5431	5427	5698
30	5518	5557	5614	5651	5542
35	5503	5690	5426	5610	5418
40	5637	5611	5405	5357	5724
45	5311	5525	5478	5668	5452
50	5720	5654	5362	5370	5550
55	5674	5505	5331	5438	5313
60	5259	5575	5283	5648	5561
65	5609	5451	5398	5414	5298
70	5592	5374	5300	5484	5593
75	5265	5659	5685	5539	5422
80	5678	5363	5439	5589	5602
85	5516	5445	5399	5375	5642
90	5406	5251	5442	5669	5490
95	5407	5324	5599	5332	5603

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5484	5638	5592	5712	5626
5	5310	5650	5694	5556	5536
10	5716	5258	5408	5307	5486
15	5330	5604	5255	5283	5377
20	5695	5445	5672	5417	5611
25	5535	5461	5362	5407	5514
30	5257	5425	5642	5306	5319
35	5385	5332	5616	5342	5549
40	5548	5451	5291	5608	5439
45	5721	5717	5379	5421	5705
50	5668	5494	5387	5459	5521
55	5523	5409	5345	5559	5566
60	5498	5704	5471	5510	5645
65	5678	5676	5583	5288	5493
70	5622	5568	5586	5570	5346
75	5465	5370	5375	5440	5374
80	5602	5419	5398	5266	5585
85	5589	5631	5457	5722	5336
90	5610	5405	5276	5423	5567
95	5372	5522	5597	5544	5598

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5264	5402	5528	5398	5371
5	5352	5575	5294	5719	5268
10	5550	5619	5546	5502	5507
15	5418	5256	5358	5286	5475
20	5385	5449	5636	5437	5645
25	5305	5463	5483	5639	5495
30	5404	5296	5471	5472	5577
35	5560	5684	5397	5590	5538
40	5343	5455	5425	5487	5313
45	5448	5485	5271	5691	5497
50	5299	5604	5255	5597	5281
55	5637	5491	5341	5413	5711
60	5342	5380	5474	5686	5601
65	5324	5650	5672	5459	5584
70	5473	5382	5655	5274	5496
75	5544	5545	5539	5614	5489
80	5446	5622	5388	5696	5287
85	5416	5690	5644	5427	5649
90	5251	5422	5676	5623	5534
95	5300	5508	5346	5269	5440

Type 6 Radar Waveform_18						
Frequency List (MHz)	0	1	2	3	4	
0	5519	5641	5464	5559	5688	
5	5491	5597	5369	5310	5572	
10	5481	5408	5587	5697	5528	
15	5506	5383	5461	5709	5667	
20	5393	5518	5674	5526	5618	
25	5571	5412	5686	5365	5529	
30	5446	5282	5428	5687	5351	
35	5380	5348	5585	5386	5691	
40	5257	5391	5508	5425	5553	
45	5445	5414	5251	5299	5555	
50	5352	5394	5509	5298	5332	
55	5692	5285	5666	5367	5426	
60	5636	5603	5376	5546	5705	
65	5625	5693	5495	5620	5325	
70	5268	5660	5349	5357	5499	
75	5698	5520	5504	5411	5259	
80	5535	5524	5399	5498	5477	
85	5702	5350	5413	5410	5644	
90	5366	5612	5443	5290	5252	
95	5354	5465	5514	5626	5397	

Type 6 Radar Waveform_19						
Frequency List (MHz)	0	1	2	3	4	
0	5299	5405	5400	5720	5433	
5	5533	5522	5444	5473	5304	
10	5412	5672	5628	5320	5549	
15	5497	5510	5564	5279	5384	
20	5684	5615	5518	5591	5459	
25	5264	5414	5469	5563	5585	
30	5646	5385	5427	5503	5578	
35	5487	5676	5657	5466	5705	
40	5363	5318	5442	5721	5706	
45	5382	5516	5659	5474	5383	
50	5340	5515	5607	5379	5321	
55	5519	5455	5700	5257	5541	
60	5491	5634	5548	5639	5696	
65	5357	5656	5632	5635	5463	
70	5421	5343	5599	5547	5496	
75	5380	5678	5505	5651	5608	
80	5258	5294	5413	5410	5605	
85	5683	5538	5255	5681	5552	
90	5630	5520	5317	5411	5506	
95	5571	5374	5572	5261	5687	

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5457	5644	5336	5406	5275
5	5575	5544	5519	5636	5511
10	5721	5461	5669	5515	5570
15	5585	5637	5324	5576	5312
20	5375	5556	5607	5564	5250
25	5591	5617	5573	5597	5627
30	5535	5342	5545	5277	5398
35	5626	5292	5550	5619	5657
40	5296	5679	5439	5650	5686
45	5465	5574	5458	5546	5261
50	5434	5429	5338	5551	5567
55	5709	5652	5671	5386	5706
60	5436	5466	5374	5306	5595
65	5367	5430	5266	5590	5329
70	5602	5396	5422	5252	5402
75	5724	5486	5428	5621	5514
80	5310	5325	5450	5525	5635
85	5255	5598	5257	5320	5526
90	5351	5293	5615	5588	5634
95	5666	5447	5405	5442	5578

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5712	5408	5272	5567	5495
5	5617	5469	5594	5324	5340
10	5652	5250	5710	5591	5673
15	5667	5293	5320	5444	5599
20	5537	5613	5540	5345	5677
25	5631	5669	5521	5299	5285
30	5429	5596	5668	5383	5346
35	5297	5571	5379	5701	5436
40	5482	5569	5548	5632	5414
45	5336	5612	5351	5485	5615
50	5636	5398	5280	5704	5424
55	5471	5642	5515	5396	5478
60	5298	5675	5531	5720	5255
65	5674	5322	5544	5662	5412
70	5702	5381	5696	5522	5392
75	5467	5583	5256	5295	5622
80	5307	5450	5464	5695	5447
85	5563	5686	5568	5570	5532
90	5288	5650	5627	5605	5484
95	5629	5550	5659	5500	5654

Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5492	5647	5683	5631	5337
5	5281	5491	5669	5487	5547
10	5583	5611	5276	5430	5612
15	5286	5319	5301	5317	5485
20	5706	5610	5535	5688	5510
25	5501	5392	5451	5306	5665
30	5333	5410	5256	5500	5678
35	5416	5332	5474	5617	5697
40	5462	5555	5466	5530	5411
45	5549	5593	5467	5698	5391
50	5527	5536	5704	5459	5342
55	5468	5658	5614	5290	5613
60	5561	5423	5605	5598	5574
65	5446	5679	5570	5409	5592
70	5250	5259	5398	5705	5569
75	5327	5340	5642	5448	5360
80	5269	5551	5311	5699	5304
85	5353	5542	5431	5640	5341
90	5293	5650	5635	5322	5435
95	5261	5622	5539	5621	5653

Type 6 Radar Waveform_23					
Frequency List (MHz)	0	1	2	3	4
0	5272	5411	5619	5317	5557
5	5323	5416	5269	5553	5279
10	5417	5400	5625	5633	5277
15	5446	5404	5362	5677	5714
20	5679	5476	5680	5483	5292
25	5341	5654	5507	5699	5375
30	5396	5688	5715	5355	5711
35	5471	5565	5510	5700	5496
40	5642	5493	5609	5527	5340
45	5529	5651	5520	5488	5267
50	5703	5587	5318	5660	5664
55	5656	5612	5329	5487	5676
60	5251	5368	5534	5424	5628
65	5606	5716	5387	5528	5428
70	5384	5330	5321	5303	5299
75	5537	5287	5581	5429	5379
80	5332	5378	5301	5532	5256
85	5720	5718	5259	5691	5589
90	5588	5641	5356	5273	5261
95	5594	5605	5425	5409	5281



Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5527	5650	5555	5478	5399
5	5365	5438	5344	5716	5583
10	5348	5664	5358	5723	5654
15	5573	5507	5407	5491	5722
20	5370	5514	5294	5456	5655
25	5668	5382	5611	5258	5417
30	5285	5645	5604	5434	5513
35	5278	5306	5378	5410	5472
40	5250	5431	5374	5524	5647
45	5509	5322	5709	5375	5618
50	5404	5638	5483	5608	5272
55	5566	5519	5458	5330	5416
60	5313	5366	5347	5466	5470
65	5577	5642	5451	5279	5331
70	5500	5333	5506	5310	5724
75	5389	5489	5588	5542	5447
80	5298	5252	5256	5562	5681
85	5354	5264	5362	5311	5505
90	5293	5649	5589	5323	5388
95	5287	5400	5688	5340	5558

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5685	5414	5491	5639	5619
5	5504	5363	5419	5404	5315
10	5657	5453	5496	5443	5675
15	5700	5513	5355	5683	5633
20	5439	5455	5286	5429	5446
25	5520	5585	5715	5292	5556
30	5649	5602	5573	5281	5254
35	5652	5369	5577	5628	5324
40	5311	5333	5614	5521	5576
45	5489	5405	5626	5640	5397
50	5580	5689	5593	5306	5460
55	5423	5709	5600	5459	5581
60	5673	5648	5509	5293	5526
65	5283	5549	5609	5669	5433
70	5494	5692	5378	5430	5295
75	5391	5641	5502	5706	5510
80	5447	5634	5266	5546	5704
85	5696	5606	5670	5653	5327
90	5270	5390	5695	5308	5552
95	5553	5420	5384	5318	5287

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5465	5653	5427	5325	5461
5	5546	5385	5494	5567	5522
10	5588	5717	5537	5638	5696
15	5541	5255	5616	5400	5641
20	5605	5396	5375	5402	5334
25	5469	5313	5344	5704	5598
30	5635	5559	5530	5452	5316
35	5460	5373	5306	5335	5625
40	5416	5307	5379	5518	5408
45	5488	5253	5679	5527	5273
50	5659	5265	5682	5604	5399
55	5648	5377	5327	5419	5271
60	5300	5505	5474	5455	5475
65	5617	5493	5441	5412	5266
70	5439	5436	5343	5609	5651
75	5347	5550	5438	5372	5321
80	5612	5395	5573	5670	5264
85	5263	5572	5650	5286	5329
90	5360	5281	5341	5503	5312
95	5284	5654	5594	5724	5418

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5720	5417	5363	5486	5681
5	5588	5310	5569	5633	5351
10	5519	5603	5578	5358	5717
15	5532	5382	5719	5445	5592
20	5649	5674	5337	5367	5375
25	5600	5321	5419	5545	5263
30	5640	5524	5516	5528	5682
35	5272	5455	5551	5266	5459
40	5724	5561	5596	5522	5612
45	5352	5571	5311	5635	5317
50	5624	5360	5316	5296	5330
55	5721	5361	5331	5517	5616
60	5274	5620	5436	5397	5401
65	5424	5556	5325	5711	5690
70	5435	5425	5439	5570	5585
75	5610	5694	5670	5484	5353
80	5573	5722	5406	5462	5258
85	5667	5537	5660	5701	5534
90	5525	5287	5298	5601	5329
95	5339	5638	5492	5606	5501

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5500	5656	5299	5647	5523
5	5630	5332	5644	5321	5558
10	5353	5392	5619	5553	5263
15	5620	5509	5347	5490	5309
20	5560	5365	5375	5456	5348
25	5488	5270	5622	5649	5297
30	5682	5413	5473	5646	5470
35	5497	5642	5537	5709	5638
40	5400	5679	5561	5287	5609
45	5266	5654	5369	5688	5536
50	5367	5385	5628	5665	5549
55	5285	5707	5435	5720	5274
60	5601	5698	5518	5373	5592
65	5535	5603	5396	5507	5411
70	5539	5419	5569	5663	5315
75	5627	5431	5350	5260	5662
80	5626	5664	5440	5502	5252
85	5550	5405	5655	5307	5690
90	5293	5710	5483	5721	5443
95	5394	5719	5487	5585	5699

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5658	5420	5710	5333	5268
5	5294	5257	5719	5484	5290
10	5284	5656	5660	5651	5708
15	5636	5450	5438	5501	5568
20	5434	5316	5448	5321	5376
25	5597	5350	5278	5331	5346
30	5399	5430	5386	5608	5355
35	5387	5649	5714	5287	5499
40	5527	5606	5573	5312	5262
45	5330	5266	5469	5279	5712
50	5418	5474	5451	5512	5422
55	5254	5691	5403	5291	5707
60	5524	5390	5322	5628	5367
65	5398	5674	5676	5494	5542
70	5537	5528	5535	5338	5673
75	5412	5602	5370	5443	5315
80	5384	5661	5374	5343	5441
85	5690	5645	5706	5555	5642
90	5380	5299	5269	5258	5460
95	5449	5703	5385	5564	5327



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/04/14
Test Item	Radar Statistical Performance Check (802.11ax-HE80 mode – 5530MHz) – Mode 1		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	1	1
1	5494	1	1	1	1
2	5496	1	1	1	1
3	5499	1	1	1	1
4	5502	1	1	1	0
5	5504	1	1	1	1
6	5507	1	1	0	1
7	5510	1	1	1	1
8	5513	1	1	1	1
9	5515	1	0	1	1
10	5518	1	1	0	0
11	5521	1	1	1	1
12	5523	1	1	0	1
13	5526	1	1	1	1
14	5530	1	1	1	1
15	5533	0	1	1	1
16	5535	1	1	1	1
17	5538	0	1	1	1
18	5541	0	1	1	0
19	5543	1	1	1	0
20	5546	0	1	0	1
21	5549	1	1	1	1
22	5552	0	1	1	1
23	5554	1	1	1	1
24	5557	1	1	1	1
25	5560	0	1	1	0
26	5562	0	1	1	1
27	5565	0	0	1	0
28	5568	1	1	1	0



29	5569	0	1	0	1
Probability:		70.0%	93.3%	83.3%	76.7%
Aggregate (Radar Types 1-4)		80.8% (>80%)			

Type 1 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	678.0	78	52884.0
Download	1	Type 1	1.0	758.0	70	53060.0
Download	2	Type 1	1.0	598.0	89	53222.0
Download	3	Type 1	1.0	858.0	62	53196.0
Download	4	Type 1	1.0	798.0	67	53466.0
Download	5	Type 1	1.0	738.0	72	53136.0
Download	6	Type 1	1.0	658.0	81	53298.0
Download	7	Type 1	1.0	818.0	65	53170.0
Download	8	Type 1	1.0	878.0	61	53558.0
Download	9	Type 1	1.0	3066.0	18	55188.0
Download	10	Type 1	1.0	838.0	63	52794.0
Download	11	Type 1	1.0	898.0	59	52982.0
Download	12	Type 1	1.0	718.0	74	53132.0
Download	13	Type 1	1.0	578.0	92	53176.0
Download	14	Type 1	1.0	558.0	95	53010.0
Download	15	Type 1	1.0	2815.0	19	53485.0
Download	16	Type 1	1.0	2617.0	21	54957.0
Download	17	Type 1	1.0	1525.0	35	53375.0
Download	18	Type 1	1.0	2902.0	19	55138.0
Download	19	Type 1	1.0	893.0	60	53580.0
Download	20	Type 1	1.0	2111.0	26	54886.0
Download	21	Type 1	1.0	827.0	64	52928.0
Download	22	Type 1	1.0	2564.0	21	53844.0
Download	23	Type 1	1.0	872.0	61	53192.0
Download	24	Type 1	1.0	812.0	65	52780.0
Download	25	Type 1	1.0	1181.0	45	53145.0
Download	26	Type 1	1.0	2247.0	24	53928.0
Download	27	Type 1	1.0	2511.0	22	55242.0
Download	28	Type 1	1.0	836.0	64	53504.0
Download	29	Type 1	1.0	2874.0	19	54606.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.0	188.0	28	5264.0
Download	1	Type 2	1.8	213.0	24	5112.0
Download	2	Type 2	3.3	177.0	26	4602.0
Download	3	Type 2	1.9	174.0	24	4176.0
Download	4	Type 2	2.5	211.0	25	5275.0
Download	5	Type 2	5.0	167.0	29	4843.0
Download	6	Type 2	2.3	184.0	25	4600.0
Download	7	Type 2	3.9	229.0	28	6412.0
Download	8	Type 2	1.5	192.0	23	4416.0
Download	9	Type 2	1.0	175.0	23	4025.0
Download	10	Type 2	4.0	212.0	28	5936.0
Download	11	Type 2	1.3	206.0	23	4738.0
Download	12	Type 2	4.5	191.0	29	5539.0
Download	13	Type 2	1.9	202.0	24	4848.0
Download	14	Type 2	4.8	178.0	29	5162.0
Download	15	Type 2	2.3	208.0	25	5200.0
Download	16	Type 2	1.6	203.0	24	4872.0
Download	17	Type 2	2.1	230.0	24	5520.0
Download	18	Type 2	3.4	171.0	27	4617.0
Download	19	Type 2	2.0	170.0	24	4080.0
Download	20	Type 2	1.5	210.0	23	4830.0
Download	21	Type 2	2.3	163.0	25	4075.0
Download	22	Type 2	3.7	226.0	27	6102.0
Download	23	Type 2	1.2	160.0	23	3680.0
Download	24	Type 2	2.5	162.0	25	4050.0
Download	25	Type 2	1.3	198.0	23	4554.0
Download	26	Type 2	2.0	154.0	24	3696.0
Download	27	Type 2	2.4	161.0	25	4025.0
Download	28	Type 2	1.1	185.0	23	4255.0
Download	29	Type 2	2.6	200.0	25	5000.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.0	384.0	18	6912.0
Download	1	Type 3	6.8	215.0	16	3440.0
Download	2	Type 3	8.3	387.0	17	6579.0
Download	3	Type 3	6.9	221.0	16	3536.0
Download	4	Type 3	7.5	314.0	17	5338.0
Download	5	Type 3	10.0	344.0	18	6192.0
Download	6	Type 3	7.3	253.0	16	4048.0
Download	7	Type 3	8.9	442.0	18	7956.0
Download	8	Type 3	6.5	273.0	16	4368.0
Download	9	Type 3	6.0	417.0	16	6672.0
Download	10	Type 3	9.0	330.0	18	5940.0
Download	11	Type 3	6.3	310.0	16	4960.0
Download	12	Type 3	9.5	217.0	18	3906.0
Download	13	Type 3	6.9	267.0	16	4272.0
Download	14	Type 3	9.8	385.0	18	6930.0
Download	15	Type 3	7.3	388.0	16	6208.0
Download	16	Type 3	6.6	369.0	16	5904.0
Download	17	Type 3	7.1	289.0	16	4624.0
Download	18	Type 3	8.4	321.0	17	5457.0
Download	19	Type 3	7.0	352.0	16	5632.0
Download	20	Type 3	6.5	298.0	16	4768.0
Download	21	Type 3	7.3	257.0	16	4112.0
Download	22	Type 3	8.7	223.0	18	4014.0
Download	23	Type 3	6.2	463.0	16	7408.0
Download	24	Type 3	7.5	220.0	17	3740.0
Download	25	Type 3	6.3	466.0	16	7456.0
Download	26	Type 3	7.0	440.0	16	7040.0
Download	27	Type 3	7.4	304.0	17	5168.0
Download	28	Type 3	6.1	284.0	16	4544.0
Download	29	Type 3	7.6	237.0	17	4029.0

Type 4 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	17.6	384.0	15	5760.0
Download	1	Type 4	12.9	215.0	13	2795.0
Download	2	Type 4	16.1	387.0	14	5418.0
Download	3	Type 4	13.0	221.0	13	2873.0
Download	4	Type 4	14.4	314.0	13	4082.0
Download	5	Type 4	19.9	344.0	16	5504.0
Download	6	Type 4	13.9	253.0	13	3289.0
Download	7	Type 4	17.6	442.0	15	6630.0
Download	8	Type 4	12.1	273.0	12	3276.0
Download	9	Type 4	11.1	417.0	12	5004.0
Download	10	Type 4	17.8	330.0	15	4950.0
Download	11	Type 4	11.6	310.0	12	3720.0
Download	12	Type 4	18.8	217.0	16	3472.0
Download	13	Type 4	13.1	267.0	13	3471.0
Download	14	Type 4	19.5	385.0	16	6160.0
Download	15	Type 4	13.9	388.0	13	5044.0
Download	16	Type 4	12.3	369.0	12	4428.0
Download	17	Type 4	13.5	289.0	13	3757.0
Download	18	Type 4	16.4	321.0	15	4815.0
Download	19	Type 4	13.3	352.0	13	4576.0
Download	20	Type 4	12.2	298.0	12	3576.0
Download	21	Type 4	13.9	257.0	13	3341.0
Download	22	Type 4	17.1	223.0	15	3345.0
Download	23	Type 4	11.4	463.0	12	5556.0
Download	24	Type 4	14.4	220.0	13	2860.0
Download	25	Type 4	11.7	466.0	12	5592.0
Download	26	Type 4	13.3	440.0	13	5720.0
Download	27	Type 4	14.2	304.0	13	3952.0
Download	28	Type 4	11.2	284.0	12	3408.0
Download	29	Type 4	14.6	237.0	14	3318.0

Note: In addition, an average minimum percentage of successful detection across all four short pulse radar test

waveforms is as follows: $\frac{P_d1 + P_d2 + P_d3 + P_d4}{4} = (70.0\% + 93.3\% + 83.3\% + 76.7\%) / 4 = 80.8\% (>80\%)$



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	5530.0	1	15	5495.8	0
1	5530.0	0	16	5494.6	1
2	5530.0	1	17	5495.4	1
3	5530.0	1	18	5497.0	1
4	5530.0	1	19	5495.4	1
5	5530.0	1	20	5565.4	1
6	5530.0	1	21	5564.2	1
7	5530.0	1	22	5562.6	1
8	5530.0	0	23	5565.8	1
9	5530.0	1	24	5564.2	1
10	5497.8	1	25	5565.4	0
11	5494.2	0	26	5564.6	1
12	5498.6	1	27	5564.2	1
13	5495.4	1	28	5565.8	0
14	5499.0	1	29	5563.8	1
Detection Percentage (%)					80%

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)	
685195.0	86.8	16	3	1608.0	1561.0	1759.0	
154989.0	60.5	16	1	1539.0	-	-	
324947.0	78.5	16	2	1486.0	1928.0	-	
496598.0	61.2	16	1	1599.0	-	-	
666137.0	68.8	16	2	1394.0	1547.0	-	
133553.0	99.0	16	3	1123.0	1064.0	1428.0	
304690.0	66.5	16	1	1731.0	-	-	
473398.0	86.5	16	3	1941.0	1445.0	1412.0	
646213.0	56.1	16	1	1769.0	-	-	
112904.0	50.6	16	1	1551.0	-	-	
282687.0	87.6	16	3	1569.0	1143.0	1420.0	
454864.0	53.7	16	1	1062.0	-	-	
622351.0	93.4	16	3	1845.0	1243.0	1865.0	
91871.0	61.9	16	1	1487.0	-	-	
261704.0	96.8	16	3	1262.0	1372.0	1546.0	
433343.0	66.5	16	1	1818.0	-	-	
604331.0	57.5	16	1	1550.0	-	-	
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)	
120559.0	64.1	8	1	1005.0	-	-	
410787.0	80.1	8	2	1125.0	1530.0	-	
701612.0	62.9	8	1	1918.0	-	-	
992600.0	57.1	8	1	1417.0	-	-	
84693.0	66.3	8	1	1665.0	-	-	
374422.0	83.7	8	3	1796.0	1157.0	1602.0	
665912.0	52.5	8	1	1752.0	-	-	
955453.0	69.0	8	2	1708.0	1387.0	-	
48907.0	54.1	8	1	1339.0	-	-	
339494.0	62.9	8	1	1783.0	-	-	

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)	
419267.0	67.8	14	2	1374.0	1335.0	-	
613564.0	51.6	14	1	1501.0	-	-	
8703.0	70.3	14	2	1729.0	1789.0	-	
202290.0	61.6	14	1	1881.0	-	-	
394712.0	83.4	14	3	1582.0	1116.0	1497.0	
588359.0	82.0	14	2	1358.0	1971.0	-	
779500.0	99.5	14	3	1516.0	1929.0	2000.0	
178164.0	70.2	14	2	1666.0	1480.0	-	
371105.0	66.9	14	2	1850.0	1984.0	-	
563770.0	92.5	14	3	1828.0	1059.0	1556.0	
757368.0	87.8	14	3	1454.0	1276.0	1028.0	
154218.0	88.1	14	3	1000.0	1226.0	1647.0	
348134.0	62.2	14	1	1969.0	-	-	
539256.0	85.4	14	3	1646.0	1967.0	1930.0	
734076.0	77.9	14	2	1506.0	1715.0	-	
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)	
195921.0	97.8	8	3	1744.0	1405.0	1014.0	
486869.0	50.5	8	1	1898.0	-	-	
777250.0	77.8	8	2	1010.0	1190.0	-	
1067610.0	72.6	8	2	1221.0	1142.0	-	
160160.0	87.3	8	3	1630.0	1172.0	1625.0	
450718.0	69.7	8	2	1701.0	1149.0	-	
740683.0	87.8	8	3	1120.0	1158.0	1189.0	
1030074.0	94.9	8	3	1525.0	1111.0	1766.0	
124417.0	92.1	8	3	1724.0	1820.0	1134.0	
414856.0	80.2	8	2	1478.0	1655.0	-	

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)
586537.0	97.8	11	3	1937.0	1104.0	1393.0
830335.0	51.6	11	1	1618.0	-	-
73951.0	83.3	11	2	1718.0	1803.0	-
315703.0	70.4	11	2	1438.0	1849.0	-
557324.0	76.8	11	2	1905.0	1584.0	-
798893.0	76.0	11	2	1840.0	1794.0	-
44163.0	92.2	11	3	1607.0	1170.0	1179.0
286502.0	64.6	11	1	1282.0	-	-
526692.0	86.1	11	3	1906.0	1853.0	1359.0
769133.0	98.7	11	3	1489.0	1031.0	1107.0
14382.0	84.8	11	3	1742.0	1993.0	1926.0
255901.0	85.9	11	3	1524.0	1538.0	1197.0

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)
297569.0	89.1	20	3	1476.0	1537.0	1286.0
443755.0	54.2	20	1	1995.0	-	-
587498.0	71.7	20	2	1526.0	1781.0	-
135457.0	94.0	20	3	1007.0	1236.0	1348.0
279547.0	91.7	20	3	1564.0	1943.0	1273.0
425336.0	79.9	20	2	1613.0	1159.0	-
569537.0	74.0	20	2	1554.0	1894.0	-
117622.0	69.8	20	2	1854.0	1827.0	-
262334.0	76.0	20	2	1938.0	1549.0	-
407462.0	67.9	20	2	1448.0	1371.0	-
551824.0	77.6	20	2	1985.0	1346.0	-
99789.0	79.3	20	2	1978.0	1812.0	-
244779.0	68.6	20	2	1514.0	1325.0	-
389499.0	83.2	20	2	1367.0	1640.0	-
534408.0	74.7	20	2	1617.0	1257.0	-
81914.0	96.5	20	3	1574.0	1177.0	1503.0
226913.0	66.9	20	2	1150.0	1758.0	-
370829.0	93.3	20	3	1677.0	1178.0	1494.0
516228.0	80.1	20	2	1433.0	1836.0	-
64368.0	56.7	20	1	1914.0	-	-

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)
349008.0	78.2	10	2	1583.0	1692.0	-
591084.0	81.5	10	2	1032.0	1672.0	-
831254.0	85.6	10	3	1966.0	1540.0	1241.0
77487.0	80.4	10	2	1877.0	1495.0	-
319748.0	66.1	10	1	1663.0	-	-
560605.0	99.9	10	3	1260.0	1423.0	1239.0
801512.0	90.1	10	3	1911.0	1356.0	1492.0
47798.0	66.5	10	1	1604.0	-	-
289122.0	95.6	10	3	1026.0	1874.0	1523.0
531109.0	73.5	10	2	1879.0	1552.0	-
772840.0	76.2	10	2	1958.0	1434.0	-
17920.0	86.7	10	3	1395.0	1373.0	1735.0

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)
182720.0	93.1	16	3	1656.0	1815.0	1077.0
354466.0	61.8	16	1	1269.0	-	-
525009.0	61.4	16	1	1736.0	-	-
694126.0	73.5	16	2	1555.0	1861.0	-
162527.0	50.8	16	1	1261.0	-	-
332100.0	93.3	16	3	1220.0	1507.0	1322.0
502670.0	78.0	16	2	1558.0	1998.0	-
674936.0	57.9	16	1	1542.0	-	-
141206.0	70.9	16	2	1321.0	1289.0	-
311743.0	72.3	16	2	1052.0	1622.0	-
483224.0	54.1	16	1	1317.0	-	-
653010.0	79.9	16	2	1251.0	1244.0	-
120082.0	74.1	16	2	1792.0	1482.0	-
291069.0	54.0	16	1	1867.0	-	-
462275.0	51.7	16	1	1165.0	-	-
629476.0	93.7	16	3	1690.0	1839.0	1771.0
99273.0	51.2	16	1	1996.0	-	-

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)	
509695.0	95.7	6	3	1834.0	1340.0	1328.0	
832032.0	97.8	6	3	1633.0	1343.0	1441.0	
1154025.0	92.8	6	3	1689.0	1466.0	1620.0	
147837.0	68.6	6	2	1837.0	1557.0	-	
470333.0	78.1	6	2	1675.0	1878.0	-	
793980.0	57.6	6	1	1652.0	-	-	
1117339.0	57.6	6	1	1193.0	-	-	
108130.0	68.6	6	2	1334.0	1763.0	-	
430125.0	91.3	6	3	1972.0	1649.0	1419.0	
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)	
847726.0	77.8	5	2	1304.0	1870.0	-	
1210205.0	91.9	5	3	1727.0	1055.0	1070.0	
76897.0	89.8	5	3	1355.0	1806.0	1136.0	
440483.0	57.4	5	1	1471.0	-	-	
803022.0	74.2	5	2	1989.0	1162.0	-	
1167551.0	52.5	5	1	1231.0	-	-	
32209.0	91.7	5	3	1365.0	1896.0	1255.0	
394973.0	90.9	5	3	1696.0	1571.0	1012.0	
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)	
355103.0	86.2	17	3	1859.0	1215.0	1856.0	
527672.0	56.7	17	1	1505.0	-	-	
697132.0	71.7	17	2	1657.0	1233.0	-	
165053.0	51.1	17	1	1115.0	-	-	
334293.0	95.7	17	3	1946.0	1687.0	1024.0	
505815.0	73.6	17	2	1016.0	1621.0	-	
677553.0	65.2	17	1	1411.0	-	-	
143734.0	72.2	17	2	1004.0	1407.0	-	
313695.0	85.8	17	3	1011.0	1577.0	1284.0	
485402.0	55.9	17	1	1772.0	-	-	
655281.0	77.3	17	2	1651.0	1076.0	-	
122844.0	55.7	17	1	1686.0	-	-	
293561.0	56.3	17	1	1863.0	-	-	
464679.0	62.1	17	1	1299.0	-	-	
632515.0	98.1	17	3	1965.0	1512.0	1201.0	
101353.0	96.5	17	3	1575.0	1852.0	1402.0	
272561.0	65.3	17	1	1780.0	-	-	

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)
942205.0	100.0	6	3	1207.0	1216.0	1146.0
1305829.0	75.7	6	2	1612.0	1163.0	-
171428.0	83.4	6	3	1738.0	1707.0	1945.0
534850.0	68.1	6	2	1327.0	1452.0	-
898766.0	64.9	6	1	1457.0	-	-
1262147.0	54.1	6	1	1532.0	-	-
127131.0	53.7	6	1	1213.0	-	-
490414.0	54.9	6	1	1887.0	-	-

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)
359336.0	59.5	18	1	1039.0	-	-
512293.0	65.5	18	1	1001.0	-	-
34452.0	86.2	18	3	1416.0	1210.0	1977.0
186769.0	68.1	18	2	1885.0	1857.0	-
340040.0	63.4	18	1	1889.0	-	-
490363.0	98.1	18	3	1709.0	1882.0	1361.0
15802.0	51.5	18	1	1391.0	-	-
167690.0	88.2	18	3	1746.0	1609.0	1593.0
320222.0	83.2	18	2	1942.0	1920.0	-
472993.0	67.8	18	2	1267.0	1891.0	-
623082.0	95.0	18	3	1953.0	1924.0	1615.0
149381.0	71.9	18	2	1703.0	1517.0	-
302613.0	50.0	18	1	1481.0	-	-
455447.0	50.0	18	1	1459.0	-	-
607528.0	74.1	18	2	1053.0	1176.0	-
130533.0	77.5	18	2	1956.0	1628.0	-
282336.0	96.4	18	3	1447.0	1528.0	1732.0
434436.0	92.3	18	3	1876.0	1341.0	1398.0
589341.0	51.7	18	1	1572.0	-	-

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)
193615.0	80.3	8	2	1653.0	1424.0	-
457976.0	62.9	8	1	1824.0	-	-
720491.0	85.0	8	3	1658.0	1278.0	1336.0
986481.0	65.7	8	1	1570.0	-	-
160918.0	93.9	8	3	1498.0	1020.0	1903.0
424477.0	93.4	8	3	1541.0	1182.0	1568.0
687872.0	92.2	8	3	1264.0	1654.0	1600.0
952663.0	74.3	8	2	1043.0	1983.0	-
128702.0	76.8	8	2	1307.0	1065.0	-
393035.0	58.3	8	1	1463.0	-	-
656361.0	72.7	8	2	1832.0	1122.0	-
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)
505254.0	71.3	19	2	1271.0	1381.0	-
52892.0	52.6	19	1	1404.0	-	-
197362.0	68.0	19	2	1753.0	1793.0	-
341382.0	96.3	19	3	1298.0	1987.0	1375.0
485941.0	86.1	19	3	1473.0	1936.0	1042.0
35019.0	58.1	19	1	1240.0	-	-
179688.0	79.1	19	2	1370.0	1694.0	-
325493.0	54.1	19	1	1171.0	-	-
469335.0	72.4	19	2	1306.0	1636.0	-
17112.0	57.9	19	1	1921.0	-	-
162119.0	75.8	19	2	1087.0	1002.0	-
306556.0	67.6	19	2	1711.0	1499.0	-
450944.0	73.1	19	2	1790.0	1886.0	-
594158.0	94.4	19	3	1354.0	1773.0	1964.0
144279.0	53.0	19	1	1997.0	-	-
289044.0	74.5	19	2	1362.0	1192.0	-
434987.0	65.3	19	1	1118.0	-	-
577160.0	99.9	19	3	1082.0	1292.0	1917.0
126551.0	51.6	19	1	1351.0	-	-
271497.0	55.9	19	1	1890.0	-	-

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)
694278.0	71.7	10	2	1184.0	1944.0	-
936107.0	72.7	10	2	1705.0	1363.0	-
181178.0	52.4	10	1	1880.0	-	-
422536.0	73.4	10	2	1639.0	1934.0	-
663964.0	92.1	10	3	1333.0	1047.0	1548.0
907014.0	74.6	10	2	1061.0	1249.0	-
150956.0	99.8	10	3	1838.0	1597.0	1112.0
392667.0	92.4	10	3	1253.0	1521.0	1056.0
634357.0	74.7	10	2	1895.0	1797.0	-
876995.0	71.3	10	2	1401.0	1153.0	-
121462.0	73.7	10	2	1131.0	1410.0	-
363321.0	74.7	10	2	1084.0	1611.0	-

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)
807152.0	79.9	7	2	1430.0	1800.0	-
1131375.0	60.4	7	1	1310.0	-	-
122179.0	96.6	7	3	1435.0	1296.0	1079.0
444265.0	92.4	7	3	1778.0	1685.0	1437.0
768529.0	53.9	7	1	1301.0	-	-
1091640.0	53.7	7	1	1238.0	-	-
82615.0	64.0	7	1	1305.0	-	-
405510.0	66.0	7	1	1844.0	-	-
727351.0	98.5	7	3	1098.0	1085.0	1648.0

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)
858037.0	92.3	9	3	1910.0	1113.0	1237.0
34963.0	69.9	9	2	1841.0	1513.0	-
298461.0	93.9	9	3	1250.0	1256.0	1825.0
563580.0	54.5	9	1	1258.0	-	-
825813.0	95.3	9	3	1754.0	1008.0	1183.0
2477.0	61.8	9	1	1518.0	-	-
266531.0	71.4	9	2	1099.0	1063.0	-
529445.0	90.8	9	3	1585.0	1027.0	1892.0
794287.0	68.8	9	2	1450.0	1198.0	-
1058066.0	76.9	9	2	1496.0	1316.0	-
233723.0	74.4	9	2	1862.0	1614.0	-

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)	
364567.0	75.2	14	2	1418.0	1650.0	-	
559232.0	52.4	14	1	1090.0	-	-	
752226.0	51.0	14	1	1904.0	-	-	
147255.0	98.6	14	3	1254.0	1175.0	1842.0	
341359.0	50.1	14	1	1664.0	-	-	
533130.0	94.6	14	3	1319.0	1667.0	1440.0	
728759.0	54.2	14	1	1493.0	-	-	
123878.0	61.4	14	1	1725.0	-	-	
317429.0	58.3	14	1	1866.0	-	-	
509423.0	86.8	14	3	1368.0	1388.0	1576.0	
703741.0	79.4	14	2	1357.0	1453.0	-	
100102.0	51.1	14	1	1151.0	-	-	
292559.0	84.2	14	3	1102.0	1741.0	1813.0	
487228.0	51.0	14	1	1750.0	-	-	
678630.0	87.7	14	3	1467.0	1446.0	1415.0	
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)	
103949.0	62.6	9	1	1679.0	-	-	
367498.0	97.8	9	3	1067.0	1154.0	1303.0	
632192.0	60.6	9	1	1855.0	-	-	
895038.0	70.6	9	2	1587.0	1829.0	-	
71450.0	61.5	9	1	1050.0	-	-	
334517.0	85.9	9	3	1444.0	1988.0	1704.0	
598429.0	85.7	9	3	1073.0	1088.0	1925.0	
864446.0	57.4	9	1	1025.0	-	-	
38818.0	79.5	9	2	1318.0	1788.0	-	
303002.0	52.8	9	1	1822.0	-	-	
567556.0	58.6	9	1	1023.0	-	-	
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)	
1015769.0	68.9	7	2	1124.0	1414.0	-	
7719.0	96.8	7	3	1749.0	1670.0	1432.0	
330819.0	62.7	7	1	1224.0	-	-	
652694.0	78.4	7	2	1912.0	1762.0	-	
976644.0	51.5	7	1	1676.0	-	-	
1300194.0	55.9	7	1	1081.0	-	-	
290408.0	94.4	7	3	1396.0	1017.0	1624.0	
612892.0	99.4	7	3	1270.0	1291.0	1287.0	
935548.0	99.6	7	3	1312.0	1156.0	1075.0	

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)
944049.0	77.5	10	2	1074.0	1054.0	-
188328.0	59.4	10	1	1406.0	-	-
429042.0	98.0	10	3	1491.0	1455.0	1884.0
671001.0	92.3	10	3	1103.0	1378.0	1461.0
914630.0	59.4	10	1	1700.0	-	-
157977.0	99.6	10	3	1161.0	1712.0	1799.0
400475.0	52.5	10	1	1932.0	-	-
642614.0	57.7	10	1	1814.0	-	-
885016.0	61.6	10	1	1464.0	-	-
128706.0	62.9	10	1	1072.0	-	-
370432.0	68.7	10	2	1133.0	1409.0	-
613010.0	59.7	10	1	1462.0	-	-
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)
641087.0	53.4	15	1	1451.0	-	-
74093.0	57.6	15	1	1366.0	-	-
254729.0	99.2	15	3	1091.0	1949.0	1051.0
436055.0	73.6	15	2	1873.0	1500.0	-
617089.0	80.2	15	2	1642.0	1787.0	-
51552.0	98.2	15	3	1510.0	1302.0	1094.0
233170.0	65.3	15	1	1767.0	-	-
413123.0	88.6	15	3	1422.0	1164.0	1919.0
594021.0	89.6	15	3	1071.0	1833.0	1485.0
29253.0	95.0	15	3	1294.0	1439.0	1429.0
210427.0	71.6	15	2	1959.0	1194.0	-
390946.0	95.8	15	3	1627.0	1590.0	1108.0
571835.0	91.6	15	3	1927.0	1209.0	1137.0
6988.0	75.6	15	2	1313.0	1110.0	-
188491.0	57.5	15	1	1661.0	-	-
368617.0	98.8	15	3	1527.0	1897.0	1006.0
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)
1103381.0	79.9	5	2	1223.0	1534.0	-
1464091.0	85.3	5	3	1644.0	1730.0	1851.0
332196.0	73.5	5	2	1740.0	1908.0	-
695947.0	56.7	5	1	1843.0	-	-
1057202.0	84.9	5	3	1883.0	1078.0	1846.0
1423302.0	51.5	5	1	1155.0	-	-
287857.0	60.2	5	1	1757.0	-	-
651422.0	53.2	5	1	1311.0	-	-

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)
674045.0	99.9	11	3	1952.0	1152.0	1545.0
916549.0	68.4	11	2	1970.0	1484.0	-
162065.0	61.2	11	1	1174.0	-	-
404228.0	62.0	11	1	1382.0	-	-
644650.0	83.4	11	3	1314.0	1668.0	1140.0
887009.0	78.0	11	2	1737.0	1456.0	-
131634.0	95.9	11	3	1916.0	1777.0	1954.0
374452.0	66.5	11	1	1229.0	-	-
614874.0	84.1	11	3	1360.0	1338.0	1465.0
856552.0	99.0	11	3	1413.0	1219.0	1349.0
102338.0	65.4	11	1	1645.0	-	-
343298.0	89.2	11	3	1961.0	1377.0	1706.0

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)
782506.0	63.5	6	1	1567.0	-	-
1105744.0	54.8	6	1	1275.0	-	-
96601.0	71.4	6	2	1809.0	1536.0	-
419689.0	57.7	6	1	1681.0	-	-
741927.0	79.1	6	2	1097.0	1893.0	-
1065483.0	60.7	6	1	1858.0	-	-
56944.0	59.9	6	1	1580.0	-	-
379524.0	82.6	6	2	1962.0	1060.0	-
701473.0	87.9	6	3	1761.0	1384.0	1191.0

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)
839343.0	52.2	9	1	1353.0	-	-
14041.0	50.6	9	1	1089.0	-	-
277405.0	83.8	9	3	1280.0	1586.0	1951.0
540772.0	92.0	9	3	1563.0	1472.0	1871.0
806970.0	53.7	9	1	1114.0	-	-
1070191.0	77.8	9	2	1018.0	1204.0	-
245409.0	76.4	9	2	1520.0	1300.0	-
508492.0	89.5	9	3	1212.0	1976.0	1369.0
773904.0	62.0	9	1	1831.0	-	-
1037173.0	74.8	9	2	1376.0	1364.0	-
213113.0	51.9	9	1	1747.0	-	-

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)
435853.0	97.4	10	3	1940.0	1807.0	1605.0
677649.0	96.0	10	3	1994.0	1345.0	1187.0
920580.0	73.8	10	2	1595.0	1309.0	-
165555.0	61.7	10	1	1431.0	-	-
406066.0	87.0	10	3	1955.0	1821.0	1755.0
650176.0	53.2	10	1	1044.0	-	-
891811.0	55.1	10	1	1764.0	-	-
135648.0	61.6	10	1	1986.0	-	-
376705.0	99.1	10	3	1106.0	1697.0	1808.0
620214.0	55.0	10	1	1235.0	-	-
862226.0	61.6	10	1	1490.0	-	-
105678.0	92.7	10	3	1218.0	1186.0	1045.0

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)
522193.0	60.2	5	1	1922.0	-	-
884462.0	68.4	5	2	1999.0	1719.0	-
1246822.0	85.2	5	3	1751.0	1347.0	1263.0
113990.0	75.0	5	2	1960.0	1511.0	-
477545.0	63.8	5	1	1588.0	-	-
840840.0	65.7	5	1	1798.0	-	-
1203336.0	77.6	5	2	1748.0	1127.0	-
69299.0	74.1	5	2	1504.0	1601.0	-

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)
265382.0	91.6	11	3	1119.0	1470.0	1659.0
489025.0	77.7	11	2	1029.0	1717.0	-
713244.0	65.4	11	1	1442.0	-	-
15074.0	97.6	11	3	1566.0	1785.0	1743.0
238354.0	67.7	11	2	1581.0	1040.0	-
461068.0	77.5	11	2	1888.0	1782.0	-
684817.0	70.1	11	2	1135.0	1508.0	-
908229.0	79.6	11	2	1331.0	1132.0	-
211098.0	50.1	11	1	1565.0	-	-
433776.0	69.5	11	2	1308.0	1991.0	-
656783.0	77.1	11	2	1734.0	1660.0	-
879658.0	72.0	11	2	1990.0	1589.0	-
183190.0	74.1	11	2	1674.0	1791.0	-



Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
0	0	15	1
1	1	16	1
2	1	17	1
3	1	18	1
4	0	19	1
5	1	20	1
6	1	21	0
7	1	22	1
8	1	23	1
9	1	24	1
10	1	25	1
11	1	26	1
12	0	27	1
13	0	28	1
14	1	29	1
Detection Percentage (%)			83.3%

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5663	5375	5619	5566	5513
5	5622	5664	5687	5601	5611
10	5708	5578	5311	5382	5655
15	5689	5262	5352	5530	5662
20	5256	5479	5561	5575	5568
25	5480	5329	5335	5564	5559
30	5366	5293	5408	5399	5639
35	5391	5648	5684	5510	5438
40	5306	5521	5338	5253	5397
45	5386	5255	5296	5445	5595
50	5714	5281	5616	5434	5636
55	5294	5345	5283	5543	5676
60	5373	5389	5592	5665	5517
65	5259	5565	5514	5435	5436
70	5490	5270	5571	5297	5305
75	5473	5669	5518	5441	5421
80	5466	5474	5359	5460	5552
85	5577	5557	5650	5651	5314
90	5584	5280	5313	5605	5512
95	5507	5260	5409	5261	5392

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5443	5614	5555	5252	5355
5	5664	5686	5287	5289	5440
10	5542	5464	5352	5577	5676
15	5302	5389	5455	5575	5379
20	5264	5645	5502	5541	5368
25	5278	5538	5290	5593	5505
30	5657	5365	5517	5413	5643
35	5480	5285	5620	5604	5276
40	5493	5394	5693	5710	5406
45	5551	5504	5535	5317	5715
50	5523	5459	5616	5533	5712
55	5258	5398	5344	5518	5282
60	5707	5349	5560	5511	5384
65	5472	5700	5637	5374	5369
70	5291	5476	5397	5400	5293
75	5506	5609	5292	5251	5372
80	5298	5624	5615	5574	5277
85	5553	5679	5623	5433	5341
90	5295	5449	5426	5529	5720
95	5596	5482	5708	5445	5386

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5601	5378	5491	5413	5575
5	5706	5611	5362	5452	5647
10	5473	5253	5393	5297	5697
15	5390	5516	5558	5523	5571
20	5272	5714	5443	5656	5514
25	5256	5605	5266	5394	5627
30	5547	5643	5322	5257	5565
35	5409	5307	5355	5276	5438
40	5459	5687	5689	5636	5391
45	5622	5690	5462	5464	5604
50	5411	5493	5291	5709	5660
55	5560	5624	5666	5351	5692
60	5693	5550	5447	5652	5386
65	5457	5538	5333	5532	5432
70	5374	5576	5367	5373	5359
75	5262	5529	5655	5273	5503
80	5482	5554	5313	5678	5474
85	5569	5456	5337	5396	5588
90	5387	5589	5331	5460	5486
95	5483	5271	5381	5540	5584

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5381	5617	5427	5574	5417
5	5273	5633	5437	5615	5379
10	5404	5517	5434	5492	5718
15	5643	5661	5568	5385	5658
20	5405	5481	5270	5487	5522
25	5457	5469	5498	5589	5532
30	5279	5472	5339	5704	5446
35	5644	5591	5277	5395	5295
40	5627	5401	5485	5551	5670
45	5545	5657	5656	5287	5669
50	5342	5323	5483	5407	5337
55	5620	5541	5511	5664	5679
60	5612	5597	5585	5309	5500
65	5264	5282	5447	5364	5702
70	5358	5610	5360	5579	5594
75	5349	5318	5609	5649	5254
80	5592	5335	5380	5266	5471
85	5289	5456	5274	5300	5588
90	5438	5362	5529	5625	5531
95	5490	5557	5639	5310	5561

Type 6 Radar Waveform_4						
Frequency List (MHz)	0	1	2	3	4	
0	5636	5478	5363	5260	5637	
5	5412	5558	5512	5681	5683	
10	5713	5306	5475	5590	5264	
15	5469	5295	5667	5613	5577	
20	5666	5474	5422	5262	5460	
25	5410	5406	5575	5602	5695	
30	5253	5421	5711	5687	5491	
35	5427	5585	5537	5440	5366	
40	5709	5565	5641	5482	5383	
45	5553	5628	5483	5710	5543	
50	5541	5370	5393	5351	5525	
55	5574	5256	5708	5635	5333	
60	5302	5542	5417	5610	5446	
65	5562	5706	5594	5304	5346	
70	5679	5443	5325	5277	5578	
75	5294	5466	5435	5605	5591	
80	5544	5426	5468	5484	5359	
85	5688	5360	5392	5349	5315	
90	5595	5454	5413	5599	5694	
95	5556	5436	5316	5449	5633	

Type 6 Radar Waveform_5						
Frequency List (MHz)	0	1	2	3	4	
0	5416	5717	5299	5421	5479	
5	5454	5580	5587	5369	5415	
10	5644	5570	5516	5310	5285	
15	5557	5325	5295	5658	5294	
20	5674	5640	5363	5351	5433	
25	5676	5258	5303	5328	5254	
30	5407	5668	5330	5265	5722	
35	5627	5250	5711	5519	5548	
40	5558	5503	5406	5312	5533	
45	5541	5288	5333	5417	5546	
50	5444	5501	5604	5673	5713	
55	5528	5446	5527	5606	5462	
60	5467	5584	5724	5392	5655	
65	5422	5389	5439	5376	5332	
70	5682	5292	5301	5450	5414	
75	5512	5691	5687	5715	5372	
80	5708	5489	5465	5679	5262	
85	5530	5323	5400	5289	5443	
90	5383	5547	5480	5601	5488	
95	5611	5591	5274	5375	5318	

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5574	5481	5710	5485	5699
5	5496	5505	5662	5532	5622
10	5575	5456	5557	5306	5645
15	5452	5398	5606	5486	5585
20	5709	5401	5343	5406	5564
25	5682	5506	5432	5288	5337
30	5296	5625	5545	5417	5542
35	5291	5341	5507	5672	5591
40	5387	5641	5441	5549	5476
45	5619	5513	5319	5599	5695
50	5293	5722	5495	5590	5330
55	5617	5426	5482	5636	5346
60	5480	5632	5529	5556	5359
65	5338	5586	5604	5458	5616
70	5281	5717	5415	5685	5277
75	5670	5419	5534	5655	5294
80	5464	5350	5628	5397	5552
85	5462	5399	5262	5372	5383
90	5367	5607	5425	5555	5720
95	5608	5329	5352	5297	5522

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5354	5720	5646	5541	5538
5	5527	5262	5695	5451	5409
10	5700	5327	5636	5579	5501
15	5651	5678	5593	5400	5342
20	5432	5379	5355	5534	5709
25	5536	5322	5660	5582	5285
30	5666	5265	5430	5447	5505
35	5701	5724	5314	5473	5548
40	5493	5402	5560	5394	5485
45	5644	5423	5546	5301	5628
50	5561	5614	5436	5351	5640
55	5623	5474	5381	5312	5553
60	5397	5448	5551	5520	5617
65	5401	5310	5368	5631	5629
70	5388	5557	5275	5716	5363
75	5464	5615	5362	5691	5311
80	5346	5687	5597	5307	5565
85	5335	5613	5459	5340	5722
90	5384	5343	5250	5654	5625
95	5665	5443	5708	5532	5333

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5609	5484	5582	5332	5286
5	5677	5452	5337	5658	5340
10	5509	5261	5420	5348	5724
15	5706	5604	5696	5395	5601
20	5566	5283	5521	5352	5718
25	5386	5437	5640	5356	5518
30	5646	5539	5500	5343	5560
35	5472	5523	5671	5600	5419
40	5637	5429	5695	5554	5567
45	5477	5473	5485	5618	5350
50	5372	5423	5599	5597	5390
55	5451	5408	5705	5541	5362
60	5422	5277	5487	5516	5317
65	5583	5327	5513	5502	5433
70	5346	5701	5311	5387	5313
75	5692	5607	5588	5260	5369
80	5256	5396	5665	5628	5300
85	5359	5411	5543	5406	5404
90	5465	5402	5555	5385	5619
95	5697	5366	5264	5439	5424

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5389	5723	5518	5493	5506
5	5719	5474	5412	5449	5390
10	5649	5298	5302	5369	5337
15	5358	5610	5644	5587	5512
20	5635	5321	5513	5325	5606
25	5335	5543	5366	5560	5535
30	5496	5618	5592	5283	5611
35	5614	5467	5278	5430	5476
40	5633	5697	5564	5309	5453
45	5568	5676	5403	5637	5299
50	5300	5648	5479	5274	5352
55	5418	5722	5256	5656	5393
60	5406	5652	5461	5624	5409
65	5273	5336	5451	5469	5490
70	5713	5504	5383	5470	5413
75	5541	5583	5547	5704	5322
80	5415	5712	5486	5446	5317
85	5363	5356	5499	5328	5665
90	5579	5475	5281	5494	5408
95	5521	5515	5586	5536	5657

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5644	5487	5454	5654	5348
5	5286	5399	5612	5694	5580
10	5562	5343	5713	5390	5425
15	5388	5689	5401	5520	5326
20	5262	5602	5298	5397	5662
25	5271	5470	5424	5453	5358
30	5269	5578	5275	5327	5360
35	5431	5344	5315	5595	5571
40	5462	5561	5433	5651	5637
45	5456	5524	5650	5476	5699
50	5568	5572	5674	5606	5676
55	5349	5475	5267	5535	5342
60	5406	5710	5316	5537	5400
65	5408	5700	5508	5307	5455
70	5416	5559	5506	5576	5442
75	5558	5693	5596	5702	5481
80	5426	5353	5446	5409	5429
85	5691	5407	5403	5355	5253
90	5367	5364	5549	5392	5516
95	5494	5459	5631	5394	5517

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5327	5251	5390	5340	5568
5	5328	5421	5562	5300	5426
10	5511	5448	5384	5433	5411
15	5416	5515	5341	5259	5593
20	5528	5395	5678	5594	5271
25	5285	5611	5474	5574	5458
30	5266	5410	5573	5518	5301
35	5414	5418	5631	5681	5258
40	5629	5509	5702	5558	5545
45	5316	5695	5314	5526	5652
50	5275	5279	5298	5618	5319
55	5630	5539	5672	5713	5664
60	5507	5351	5288	5633	5262
65	5360	5349	5444	5532	5400
70	5585	5624	5442	5516	5714
75	5535	5465	5701	5674	5677
80	5706	5483	5548	5586	5350
85	5392	5311	5263	5361	5601
90	5520	5401	5721	5596	5412
95	5604	5376	5606	5512	5457

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5582	5490	5326	5501	5410
5	5467	5346	5637	5463	5633
10	5345	5712	5425	5628	5432
15	5504	5642	5444	5304	5310
20	5439	5561	5716	5683	5719
25	5551	5677	5678	5395	5308
30	5299	5367	5313	5670	5596
35	5456	5509	5427	5359	5269
40	5565	5383	5447	5555	5474
45	5296	5342	5278	5562	5676
50	5305	5353	5368	5465	5507
55	5584	5254	5491	5684	5318
60	5672	5393	5692	5459	5298
65	5267	5388	5696	5428	5519
70	5466	5414	5424	5417	5585
75	5272	5655	5454	5264	5649
80	5250	5338	5349	5568	5452
85	5503	5606	5412	5597	5421
90	5685	5265	5435	5506	5705
95	5429	5659	5457	5312	5355

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5362	5254	5262	5662	5630
5	5509	5368	5712	5529	5462
10	5276	5501	5466	5348	5453
15	5592	5294	5547	5252	5502
20	5447	5657	5675	5692	5439
25	5315	5405	5404	5429	5350
30	5285	5324	5431	5444	5416
35	5595	5600	5698	5512	5658
40	5385	5610	5649	5403	5425
45	5714	5615	5656	5377	5457
50	5419	5409	5695	5538	5310
55	5558	5338	5524	5382	5629
60	5384	5344	5574	5465	5569
65	5390	5511	5619	5383	5386
70	5705	5415	5636	5609	5354
75	5520	5401	5722	5533	5507
80	5571	5366	5370	5375	5372
85	5388	5717	5446	5441	5685
90	5334	5293	5622	5555	5330
95	5490	5536	5478	5709	5706

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5617	5493	5673	5251	5472
5	5551	5293	5312	5692	5669
10	5682	5290	5507	5446	5474
15	5680	5324	5553	5297	5694
20	5455	5321	5598	5289	5665
25	5705	5264	5511	5508	5463
30	5489	5649	5281	5646	5596
35	5614	5259	5691	5591	5287
40	5572	5718	5549	5323	5375
45	5710	5256	5571	5353	5532
50	5428	5546	5717	5311	5492
55	5634	5604	5529	5479	5527
60	5283	5356	5683	5672	5585
65	5309	5357	5372	5462	5497
70	5622	5639	5366	5342	5258
75	5350	5461	5386	5464	5301
80	5565	5300	5719	5253	5630
85	5349	5378	5315	5439	5417
90	5521	5540	5374	5406	5270
95	5351	5294	5425	5583	5396

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5300	5257	5609	5412	5692
5	5593	5315	5387	5380	5401
10	5516	5554	5645	5641	5495
15	5671	5451	5656	5342	5411
20	5366	5390	5539	5281	5638
25	5591	5714	5612	5497	5531
30	5538	5713	5386	5370	5434
35	5301	5404	5440	5583	5557
40	5254	5261	5615	5643	5639
45	5711	5355	5624	5618	5408
50	5406	5479	5443	5675	5499
55	5446	5349	5326	5500	5608
60	5703	5663	5509	5311	5717
65	5394	5616	5627	5650	5631
70	5483	5625	5488	5702	5470
75	5604	5695	5477	5632	5460
80	5716	5448	5630	5288	5438
85	5507	5371	5294	5637	5705
90	5343	5530	5480	5506	5481
95	5670	5543	5437	5504	5492

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5555	5496	5545	5573	5534
5	5257	5715	5462	5543	5608
10	5447	5440	5686	5361	5516
15	5284	5578	5387	5603	5374
20	5556	5577	5370	5611	5481
25	5540	5442	5716	5531	5524
30	5670	5601	5522	5632	5495
35	5658	5593	5497	5396	5337
40	5380	5640	5471	5691	5674
45	5316	5677	5505	5662	5582
50	5530	5346	5266	5687	5400
55	5539	5620	5262	5382	5270
60	5432	5564	5609	5666	5430
65	5351	5519	5453	5703	5469
70	5250	5318	5260	5671	5493
75	5650	5676	5415	5587	5338
80	5321	5523	5713	5265	5533
85	5605	5401	5602	5272	5422
90	5542	5360	5395	5386	5377
95	5412	5472	5594	5404	5490

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5335	5260	5481	5259	5279
5	5299	5262	5440	5609	5437
10	5378	5704	5252	5556	5537
15	5372	5705	5387	5320	5382
20	5625	5518	5362	5584	5272
25	5392	5645	5442	5565	5712
30	5413	5530	5719	5296	5452
35	5579	5586	5551	5368	5411
40	5332	5420	5515	5523	5637
45	5400	5574	5282	5374	5255
50	5295	5538	5283	5581	5435
55	5564	5466	5354	5632	5439
60	5345	5391	5547	5690	5424
65	5258	5607	5615	5369	5658
70	5314	5256	5397	5552	5253
75	5294	5694	5543	5613	5318
80	5657	5667	5697	5594	5485
85	5460	5436	5447	5461	5319
90	5376	5315	5655	5560	5672
95	5611	5459	5474	5531	5561

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5590	5499	5417	5420	5596
5	5341	5284	5515	5297	5644
10	5687	5493	5293	5276	5558
15	5460	5357	5490	5380	5609
20	5316	5459	5451	5557	5635
25	5719	5373	5546	5599	5279
30	5302	5487	5448	5650	5718
35	5677	5347	5521	5422	5646
40	5600	5453	5288	5256	5329
45	5554	5365	5432	5308	5657
50	5414	5632	5524	5387	5313
55	5588	5636	5423	5712	5559
60	5553	5633	5564	5405	5393
65	5584	5437	5469	5538	5353
70	5413	5648	5653	5512	5258
75	5364	5638	5444	5710	5375
80	5649	5271	5610	5655	5436
85	5386	5424	5511	5580	5427
90	5563	5378	5250	5495	5348
95	5690	5628	5514	5555	5272

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5370	5360	5353	5581	5341
5	5383	5684	5590	5460	5376
10	5618	5282	5334	5374	5579
15	5548	5387	5496	5425	5326
20	5301	5482	5497	5443	5530
25	5426	5668	5479	5650	5633
30	5321	5288	5444	5674	5697
35	5470	5285	5293	5336	5485
40	5683	5391	5528	5253	5636
45	5534	5448	5393	5361	5447
50	5635	5613	5588	5257	5262
55	5537	5455	5287	5552	5402
60	5580	5563	5499	5359	5513
65	5441	5700	5476	5715	5541
70	5524	5356	5624	5612	5384
75	5378	5507	5619	5599	5345
80	5631	5716	5607	5375	5339
85	5703	5484	5606	5545	5381
90	5673	5415	5501	5436	5702
95	5645	5569	5539	5392	5720

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5528	5599	5289	5267	5658
5	5522	5706	5665	5623	5680
10	5452	5546	5375	5569	5600
15	5539	5514	5373	5518	5309
20	5551	5438	5532	5314	5520
25	5682	5279	5667	5363	5652
30	5401	5317	5374	5668	5424
35	5384	5414	5449	5250	5324
40	5291	5329	5671	5565	5531
45	5451	5334	5544	5336	5259
50	5411	5579	5489	5691	5252
55	5274	5258	5681	5567	5622
60	5395	5308	5445	5657	5462
65	5380	5435	5271	5710	5510
70	5456	5586	5571	5353	5498
75	5650	5376	5358	5412	5405
80	5397	5604	5570	5717	5545
85	5447	5323	5413	5432	5584
90	5396	5580	5507	5319	5696
95	5284	5624	5523	5543	5302

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5308	5363	5700	5331	5403
5	5564	5631	5265	5689	5412
10	5383	5335	5416	5289	5621
15	5627	5641	5702	5418	5710
20	5695	5717	5379	5524	5573
25	5580	5469	5410	5701	5502
30	5638	5358	5532	5623	5488
35	5563	5572	5307	5602	5261
40	5260	5374	5267	5436	5722
45	5397	5494	5614	5509	5370
50	5599	5420	5512	5310	5413
55	5709	5523	5548	5442	5568
60	5607	5257	5567	5324	5706
65	5411	5321	5593	5459	5338
70	5576	5530	5521	5696	5581
75	5628	5468	5668	5569	5460
80	5601	5387	5484	5507	5515
85	5378	5386	5691	5270	5513
90	5353	5578	5445	5301	5679
95	5604	5441	5253	5642	5500



Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5563	5602	5636	5492	5720
5	5606	5653	5340	5377	5619
10	5314	5696	5457	5484	5642
15	5715	5293	5330	5463	5427
20	5703	5311	5417	5613	5546
25	5468	5321	5584	5260	5544
30	5527	5315	5272	5300	5308
35	5605	5663	5578	5280	5650
40	5574	5554	5680	5676	5719
45	5326	5474	5697	5567	5423
50	5486	5296	5688	5361	5502
55	5532	5370	5632	5290	5464
60	5422	5512	5631	5434	5360
65	5452	5477	5433	5599	5476
70	5579	5559	5662	5552	5489
75	5669	5641	5364	5562	5405
80	5449	5258	5620	5598	5582
85	5470	5610	5721	5508	5414
90	5435	5616	5363	5318	5259
95	5588	5339	5270	5320	5471

Type 6 Radar Waveform_23					
Frequency List (MHz)	0	1	2	3	4
0	5343	5366	5572	5653	5465
5	5270	5578	5415	5540	5448
10	5623	5485	5595	5679	5663
15	5328	5420	5433	5508	5619
20	5711	5477	5358	5605	5519
25	5259	5648	5341	5688	5294
30	5586	5416	5272	5487	5549
35	5506	5269	5279	5374	5530
40	5564	5413	5637	5521	5441
45	5338	5255	5454	5305	5528
50	5476	5276	5550	5389	5412
55	5591	5258	5314	5481	5456
60	5347	5584	5593	5587	5554
65	5463	5380	5407	5309	5391
70	5325	5548	5565	5562	5511
75	5351	5541	5286	5410	5543
80	5657	5705	5683	5498	5302
85	5523	5265	5327	5686	5281
90	5709	5600	5622	5324	5720
95	5566	5335	5334	5589	5373

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5501	5605	5508	5339	5307
5	5312	5600	5490	5703	5655
10	5554	5274	5636	5302	5684
15	5319	5450	5439	5456	5336
20	5622	5546	5299	5694	5492
25	5597	5447	5317	5328	5250
30	5402	5704	5701	5326	5408
35	5370	5267	5683	5575	5252
40	5720	5459	5584	5335	5562
45	5337	5388	5586	5529	5638
50	5426	5565	5463	5556	5669
55	5410	5440	5403	5520	5625
60	5277	5499	5295	5281	5423
65	5608	5258	5427	5519	5595
70	5583	5717	5648	5360	5407
75	5310	5510	5406	5553	5621
80	5486	5489	5271	5495	5497
85	5523	5582	5493	5422	5345
90	5432	5290	5628	5261	5505
95	5578	5352	5369	5653	5707

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5281	5369	5444	5500	5527
5	5354	5525	5565	5294	5387
10	5485	5538	5677	5497	5705
15	5407	5577	5542	5501	5528
20	5630	5712	5337	5686	5465
25	5510	5449	5650	5421	5362
30	5292	5291	5661	5345	5475
35	5524	5547	5461	5361	5489
40	5566	5425	5397	5349	5332
45	5491	5317	5471	5644	5582
50	5428	5302	5266	5514	5391
55	5379	5580	5382	5364	5600
60	5394	5279	5442	5602	5431
65	5682	5366	5351	5390	5386
70	5314	5634	5665	5587	5383
75	5269	5479	5429	5599	5589
80	5336	5267	5653	5334	5492
85	5692	5426	5424	5553	5614
90	5519	5396	5252	5455	5295
95	5687	5466	5637	5605	5450

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5536	5608	5380	5661	5369
5	5396	5547	5640	5457	5691
10	5319	5327	5718	5692	5251
15	5495	5704	5645	5546	5342
20	5638	5306	5278	5300	5438
25	5301	5398	5378	5622	5334
30	5655	5618	5560	5627	5344
35	5589	5649	5611	5403	5502
40	5508	5335	5329	5323	5297
45	5554	5605	5538	5315	5653
50	5345	5565	5480	5677	5427
55	5570	5318	5419	5365	5408
60	5607	5389	5531	5632	5631
65	5402	5561	5282	5664	5483
70	5620	5668	5436	5359	5703
75	5351	5549	5267	5583	5366
80	5349	5523	5494	5489	5509
85	5363	5516	5331	5387	5350
90	5550	5450	5707	5269	5321
95	5479	5621	5503	5429	5585

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5316	5372	5347	5589	5535
5	5472	5715	5620	5423	5250
10	5688	5284	5412	5272	5583
15	5356	5273	5591	5534	5549
20	5694	5292	5411	5664	5581
25	5251	5430	5473	5641	5575
30	5300	5401	5542	5253	5265
35	5702	5289	5414	5341	5354
40	5326	5252	5277	5637	5663
45	5580	5432	5521	5616	5569
50	5403	5371	5661	5713	5336
55	5537	5297	5431	5363	5331
60	5261	5455	5438	5393	5552
65	5467	5555	5606	5293	5285
70	5335	5662	5320	5669	5313
75	5564	5618	5459	5304	5409
80	5557	5486	5704	5329	5680
85	5479	5426	5352	5323	5648
90	5310	5268	5266	5529	5333
95	5500	5311	5457	5673	5562

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5474	5611	5252	5508	5431
5	5577	5494	5315	5308	5630
10	5559	5477	5325	5607	5293
15	5574	5483	5376	5539	5251
20	5557	5541	5257	5381	5384
25	5455	5674	5309	5355	5464
30	5515	5530	5532	5418	5553
35	5362	5392	5356	5498	5442
40	5328	5655	5686	5497	5323
45	5720	5721	5644	5467	5697
50	5667	5280	5701	5693	5374
55	5250	5307	5666	5462	5670
60	5632	5304	5656	5529	5377
65	5603	5444	5648	5724	5689
70	5296	5609	5311	5621	5314
75	5456	5545	5395	5569	5560
80	5573	5620	5386	5424	5707
85	5522	5618	5695	5468	5475
90	5274	5678	5411	5517	5589
95	5299	5290	5316	5410	5330

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5254	5375	5663	5572	5651
5	5619	5419	5390	5374	5459
10	5490	5266	5366	5705	5314
15	5662	5513	5382	5584	5443
20	5565	5707	5673	5373	5357
25	5343	5526	5415	5498	5557
30	5489	5633	5327	5657	5434
35	5447	5294	5692	5717	5494
40	5379	5624	5262	5417	5488
45	5712	5328	5682	5697	5257
50	5659	5398	5718	5369	5524
55	5637	5562	5655	5440	5656
60	5698	5627	5321	5502	5555
65	5250	5478	5413	5435	5714
70	5451	5675	5396	5458	5287
75	5580	5636	5599	5647	5582
80	5341	5305	5383	5610	5461
85	5713	5563	5406	5722	5666
90	5640	5280	5671	5551	5631
95	5644	5670	5475	5429	5622



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Radar Statistical Performance Check (802.11ax-HE80 mode – 5530MHz) – Mode 2		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	1	1
1	5566	1	1	1	1
2	5496	1	1	0	1
3	5499	1	1	0	1
4	5562	1	1	1	0
5	5505	1	0	1	1
6	5508	1	1	1	1
7	5494	1	1	1	1
8	5515	1	1	1	0
9	5518	1	1	0	1
10	5539	1	1	0	0
11	5524	1	1	1	1
12	5502	1	1	1	1
13	5528	1	1	0	1
14	5530	1	1	1	1
15	5557	1	0	1	0
16	5536	1	1	1	1
17	5545	1	1	1	1
18	5542	0	1	1	1
19	5533	1	1	1	0
20	5548	1	1	1	1
21	5511	1	1	1	0
22	5552	1	0	1	0
23	5555	1	1	1	0
24	5521	1	1	1	1
25	5559	1	1	1	1
26	5550	0	1	1	0
27	5564	1	0	0	1
28	5526	1	1	1	0



29	5569	1	0	1	1
Probability:		93.3%	83.3%	80.0%	66.7%
Aggregate (Radar Types 1-4)		80.8% (>80%)			

Type 1 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	858.0	62	53196.0
Download	1	Type 1	1.0	898.0	59	52982.0
Download	2	Type 1	1.0	778.0	68	52904.0
Download	3	Type 1	1.0	658.0	81	53298.0
Download	4	Type 1	1.0	3066.0	18	55188.0
Download	5	Type 1	1.0	598.0	89	53222.0
Download	6	Type 1	1.0	518.0	102	52836.0
Download	7	Type 1	1.0	698.0	76	53048.0
Download	8	Type 1	1.0	578.0	92	53176.0
Download	9	Type 1	1.0	678.0	78	52884.0
Download	10	Type 1	1.0	638.0	83	52954.0
Download	11	Type 1	1.0	618.0	86	53148.0
Download	12	Type 1	1.0	718.0	74	53132.0
Download	13	Type 1	1.0	918.0	58	53244.0
Download	14	Type 1	1.0	838.0	63	52794.0
Download	15	Type 1	1.0	3057.0	18	55026.0
Download	16	Type 1	1.0	712.0	75	53400.0
Download	17	Type 1	1.0	2081.0	26	54106.0
Download	18	Type 1	1.0	1948.0	28	54544.0
Download	19	Type 1	1.0	926.0	57	52782.0
Download	20	Type 1	1.0	637.0	83	52871.0
Download	21	Type 1	1.0	2454.0	22	53988.0
Download	22	Type 1	1.0	1808.0	30	54240.0
Download	23	Type 1	1.0	823.0	65	53495.0
Download	24	Type 1	1.0	524.0	101	52924.0
Download	25	Type 1	1.0	1483.0	36	53388.0
Download	26	Type 1	1.0	1946.0	28	54488.0
Download	27	Type 1	1.0	1076.0	50	53800.0
Download	28	Type 1	1.0	1786.0	30	53580.0
Download	29	Type 1	1.0	3003.0	18	54054.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.0	209.0	28	5852.0
Download	1	Type 2	4.0	214.0	28	5992.0
Download	2	Type 2	4.4	167.0	28	4676.0
Download	3	Type 2	3.0	191.0	26	4966.0
Download	4	Type 2	2.7	162.0	25	4050.0
Download	5	Type 2	2.2	156.0	25	3900.0
Download	6	Type 2	3.8	228.0	27	6156.0
Download	7	Type 2	5.0	188.0	29	5452.0
Download	8	Type 2	3.9	153.0	27	4131.0
Download	9	Type 2	4.6	184.0	29	5336.0
Download	10	Type 2	1.5	155.0	23	3565.0
Download	11	Type 2	2.7	217.0	26	5642.0
Download	12	Type 2	2.4	202.0	25	5050.0
Download	13	Type 2	1.8	223.0	24	5352.0
Download	14	Type 2	3.5	222.0	27	5994.0
Download	15	Type 2	2.2	194.0	25	4850.0
Download	16	Type 2	4.1	196.0	28	5488.0
Download	17	Type 2	3.7	164.0	27	4428.0
Download	18	Type 2	1.0	150.0	23	3450.0
Download	19	Type 2	2.8	157.0	26	4082.0
Download	20	Type 2	2.6	178.0	25	4450.0
Download	21	Type 2	2.7	229.0	26	5954.0
Download	22	Type 2	1.9	198.0	24	4752.0
Download	23	Type 2	3.9	207.0	28	5796.0
Download	24	Type 2	4.2	151.0	28	4228.0
Download	25	Type 2	3.1	221.0	26	5746.0
Download	26	Type 2	3.6	172.0	27	4644.0
Download	27	Type 2	1.6	170.0	24	4080.0
Download	28	Type 2	1.0	182.0	23	4186.0
Download	29	Type 2	3.6	199.0	27	5373.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.0	263.0	18	4734.0
Download	1	Type 3	9.0	312.0	18	5616.0
Download	2	Type 3	9.4	259.0	18	4662.0
Download	3	Type 3	8.0	488.0	17	8296.0
Download	4	Type 3	7.7	204.0	17	3468.0
Download	5	Type 3	7.2	393.0	16	6288.0
Download	6	Type 3	8.8	400.0	18	7200.0
Download	7	Type 3	10.0	399.0	18	7182.0
Download	8	Type 3	8.9	410.0	18	7380.0
Download	9	Type 3	9.6	219.0	18	3942.0
Download	10	Type 3	6.5	286.0	16	4576.0
Download	11	Type 3	7.7	427.0	17	7259.0
Download	12	Type 3	7.4	333.0	17	5661.0
Download	13	Type 3	6.8	368.0	16	5888.0
Download	14	Type 3	8.5	356.0	17	6052.0
Download	15	Type 3	7.2	283.0	16	4528.0
Download	16	Type 3	9.1	338.0	18	6084.0
Download	17	Type 3	8.7	434.0	18	7812.0
Download	18	Type 3	6.0	430.0	16	6880.0
Download	19	Type 3	7.8	470.0	17	7990.0
Download	20	Type 3	7.6	256.0	17	4352.0
Download	21	Type 3	7.7	374.0	17	6358.0
Download	22	Type 3	6.9	495.0	16	7920.0
Download	23	Type 3	8.9	386.0	18	6948.0
Download	24	Type 3	9.2	273.0	18	4914.0
Download	25	Type 3	8.1	335.0	17	5695.0
Download	26	Type 3	8.6	244.0	17	4148.0
Download	27	Type 3	6.6	472.0	16	7552.0
Download	28	Type 3	6.0	270.0	16	4320.0
Download	29	Type 3	8.6	308.0	17	5236.0

Type 4 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	17.7	263.0	15	3945.0
Download	1	Type 4	17.7	312.0	15	4680.0
Download	2	Type 4	18.6	259.0	16	4144.0
Download	3	Type 4	15.5	488.0	14	6832.0
Download	4	Type 4	14.8	204.0	14	2856.0
Download	5	Type 4	13.8	393.0	13	5109.0
Download	6	Type 4	17.3	400.0	15	6000.0
Download	7	Type 4	19.9	399.0	16	6384.0
Download	8	Type 4	17.4	410.0	15	6150.0
Download	9	Type 4	19.0	219.0	16	3504.0
Download	10	Type 4	12.2	286.0	12	3432.0
Download	11	Type 4	14.9	427.0	14	5978.0
Download	12	Type 4	14.2	333.0	13	4329.0
Download	13	Type 4	12.7	368.0	12	4416.0
Download	14	Type 4	16.6	356.0	15	5340.0
Download	15	Type 4	13.8	283.0	13	3679.0
Download	16	Type 4	18.0	338.0	15	5070.0
Download	17	Type 4	17.1	434.0	15	6510.0
Download	18	Type 4	11.0	430.0	12	5160.0
Download	19	Type 4	15.0	470.0	14	6580.0
Download	20	Type 4	14.6	256.0	13	3328.0
Download	21	Type 4	14.9	374.0	14	5236.0
Download	22	Type 4	13.1	495.0	13	6435.0
Download	23	Type 4	17.6	386.0	15	5790.0
Download	24	Type 4	18.3	273.0	16	4368.0
Download	25	Type 4	15.6	335.0	14	4690.0
Download	26	Type 4	16.8	244.0	15	3660.0
Download	27	Type 4	12.3	472.0	12	5664.0
Download	28	Type 4	11.1	270.0	12	3240.0
Download	29	Type 4	16.8	308.0	15	4620.0



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	5530.0	1	15	5495.0	1
1	5530.0	1	16	5497.8	1
2	5530.0	1	17	5497	1
3	5530.0	1	18	5493.0	1
4	5530.0	1	19	5495.8	1
5	5530.0	1	20	5564.6	1
6	5530.0	1	21	5564.6	1
7	5530.0	1	22	5565.8	0
8	5530.0	1	23	5562.6	1
9	5530.0	1	24	5562.2	1
10	5493.8	0	25	5563.8	1
11	5495.4	1	26	5563.0	1
12	5495.0	1	27	5566.2	1
13	5494.2	1	28	5567.0	0
14	5496.6	1	29	5563.0	1
Detection Percentage (%)					90%

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)	
691721.0	87.2	16	3	1143.0	1502.0	1521.0	
160227.0	87.0	16	3	1032.0	1102.0	1879.0	
330348.0	91.8	16	3	1522.0	1527.0	1186.0	
501427.0	74.9	16	2	1349.0	1614.0	-	
672339.0	71.1	16	2	1295.0	1217.0	-	
139756.0	65.8	16	1	1508.0	-	-	
309469.0	85.0	16	3	1480.0	1496.0	1074.0	
479214.0	99.2	16	3	1384.0	1844.0	1512.0	
649361.0	85.5	16	3	1427.0	2000.0	1207.0	
118103.0	94.0	16	3	1705.0	1526.0	1902.0	
289713.0	56.6	16	1	1104.0	-	-	
459407.0	71.7	16	2	1190.0	1806.0	-	
629654.0	67.8	16	2	1305.0	1943.0	-	
97735.0	59.7	16	1	1044.0	-	-	
267990.0	81.2	16	2	1023.0	1833.0	-	
439376.0	65.8	16	1	1446.0	-	-	
606567.0	88.8	16	3	1998.0	1716.0	1953.0	
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)	
76210.0	83.6	16	3	1916.0	1566.0	1874.0	
247371.0	50.1	16	1	1764.0	-	-	
417670.0	72.1	16	2	1519.0	1040.0	-	
588224.0	69.8	16	2	1214.0	1374.0	-	
55408.0	71.7	16	2	1946.0	1816.0	-	
226391.0	61.8	16	1	1594.0	-	-	
395439.0	86.4	16	3	1437.0	1286.0	1999.0	
565781.0	90.2	16	3	1656.0	1633.0	1075.0	
34489.0	75.7	16	2	1523.0	1078.0	-	
204866.0	82.2	16	2	1652.0	1606.0	-	
376148.0	57.3	16	1	1622.0	-	-	
547108.0	50.8	16	1	1423.0	-	-	
13469.0	81.9	16	2	1545.0	1562.0	-	
184307.0	60.5	16	1	1607.0	-	-	
354331.0	69.5	16	2	1426.0	1738.0	-	
523316.0	96.4	16	3	1649.0	1952.0	1500.0	
693913.0	99.5	16	3	1360.0	1376.0	1723.0	



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)	
153814.0	69.5	18	2	1278.0	1893.0	-	
315447.0	61.4	18	1	1665.0	-	-	
474957.0	90.1	18	3	1481.0	1167.0	1491.0	
637347.0	69.5	18	2	1152.0	1209.0	-	
134321.0	65.7	18	1	1543.0	-	-	
294427.0	99.8	18	3	1598.0	1272.0	1390.0	
455036.0	86.8	18	3	1392.0	1009.0	1925.0	
618607.0	65.5	18	1	1171.0	-	-	
114035.0	87.9	18	3	1317.0	1347.0	1294.0	
275825.0	61.7	18	1	1396.0	-	-	
436858.0	58.6	18	1	1878.0	-	-	
596076.0	87.0	18	3	1472.0	1210.0	1435.0	
94383.0	67.5	18	2	1041.0	1891.0	-	
255989.0	59.4	18	1	1297.0	-	-	
416319.0	74.2	18	2	1866.0	1094.0	-	
575934.0	91.5	18	3	1077.0	1912.0	1529.0	
74505.0	72.5	18	2	1378.0	1995.0	-	
235392.0	74.3	18	2	1412.0	1913.0	-	
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)	
509490.0	98.8	12	3	1161.0	1454.0	1666.0	
716962.0	69.8	12	2	1882.0	1653.0	-	
70576.0	64.8	12	1	1176.0	-	-	
278138.0	65.4	12	1	1290.0	-	-	
484946.0	75.2	12	2	1289.0	1346.0	-	
693268.0	55.4	12	1	1280.0	-	-	
44847.0	84.8	12	3	1582.0	1296.0	1282.0	
251819.0	95.4	12	3	1429.0	1135.0	1268.0	
458167.0	83.7	12	3	1271.0	1987.0	1703.0	
666240.0	77.6	12	2	1263.0	1914.0	-	
19345.0	98.3	12	3	1932.0	1504.0	1615.0	
226901.0	53.5	12	1	1670.0	-	-	
433074.0	83.5	12	3	1012.0	1599.0	1630.0	
639688.0	87.2	12	3	1260.0	1409.0	1895.0	

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)
912831.0	75.3	11	2	1883.0	1769.0	-
216543.0	68.3	11	2	1478.0	1549.0	-
438526.0	90.3	11	3	1922.0	1774.0	1754.0
662515.0	69.7	11	2	1798.0	1659.0	-
885408.0	75.8	11	2	1839.0	1767.0	-
189240.0	69.3	11	2	1034.0	1100.0	-
411785.0	67.9	11	2	1980.0	1968.0	-
636722.0	50.4	11	1	1024.0	-	-
857731.0	85.4	11	3	1179.0	1460.0	1191.0
161891.0	54.2	11	1	1203.0	-	-
384169.0	83.9	11	3	1149.0	1930.0	1246.0
609009.0	50.0	11	1	1277.0	-	-
831002.0	77.8	11	2	1696.0	1322.0	-

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)
145462.0	53.2	10	1	1889.0	-	-
387729.0	58.2	10	1	1389.0	-	-
628960.0	72.7	10	2	1548.0	1368.0	-
870762.0	83.2	10	2	1792.0	1150.0	-
115706.0	59.4	10	1	1351.0	-	-
357959.0	59.4	10	1	1213.0	-	-
598415.0	86.2	10	3	1202.0	1720.0	1255.0
840855.0	70.7	10	2	1093.0	1992.0	-
85723.0	76.5	10	2	1511.0	1570.0	-
326777.0	84.7	10	3	1518.0	1927.0	1859.0
570290.0	54.1	10	1	1334.0	-	-
809279.0	86.3	10	3	1951.0	1957.0	1382.0

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)
39326.0	84.6	16	3	1819.0	1329.0	1918.0
209540.0	84.8	16	3	1245.0	1528.0	1477.0
380353.0	70.4	16	2	1618.0	1440.0	-
551876.0	66.0	16	1	1698.0	-	-
18485.0	59.1	16	1	1400.0	-	-
188834.0	67.2	16	2	1494.0	1807.0	-
359189.0	84.4	16	3	1128.0	1188.0	1069.0
529555.0	78.2	16	2	1675.0	1726.0	-
700718.0	71.4	16	2	1499.0	1110.0	-
168356.0	61.6	16	1	1159.0	-	-
337304.0	99.2	16	3	1375.0	1945.0	1931.0
509016.0	69.2	16	2	1761.0	1022.0	-
680622.0	54.5	16	1	1663.0	-	-
147327.0	65.6	16	1	1046.0	-	-
317846.0	53.2	16	1	1990.0	-	-
488597.0	56.4	16	1	1940.0	-	-
656543.0	98.3	16	3	1687.0	1419.0	1804.0

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)
106762.0	84.5	20	3	1463.0	1234.0	1359.0
252280.0	60.5	20	1	1727.0	-	-
396003.0	81.6	20	2	1892.0	1908.0	-
541406.0	75.1	20	2	1547.0	1364.0	-
89152.0	77.6	20	2	1746.0	1016.0	-
233758.0	81.5	20	2	1643.0	1739.0	-
377625.0	87.1	20	3	1817.0	1184.0	1693.0
525042.0	60.9	20	1	1231.0	-	-
71071.0	94.5	20	3	1885.0	1709.0	1170.0
215276.0	88.9	20	3	1796.0	1555.0	1852.0
359685.0	94.2	20	3	1971.0	1333.0	1647.0
503977.0	97.4	20	3	1710.0	1462.0	1809.0
53591.0	66.4	20	1	1388.0	-	-
197827.0	98.9	20	3	1579.0	1088.0	1569.0
342639.0	83.7	20	3	1534.0	1037.0	1108.0
486034.0	86.2	20	3	1862.0	1457.0	1867.0
35589.0	83.4	20	3	1011.0	1199.0	1166.0
180175.0	91.2	20	3	1371.0	1285.0	1099.0
324045.0	84.5	20	3	1864.0	1456.0	1789.0
469256.0	97.5	20	3	1095.0	1293.0	1538.0



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)
20882.0	84.5	16	3	1514.0	1155.0	1939.0
191238.0	76.3	16	2	1729.0	1870.0	-
361217.0	87.1	16	3	1087.0	1909.0	1276.0
531664.0	99.6	16	3	1505.0	1036.0	1356.0
703166.0	71.9	16	2	1600.0	1048.0	-
170679.0	56.4	16	1	1858.0	-	-
340097.0	91.6	16	3	1785.0	1215.0	1601.0
512448.0	59.0	16	1	1484.0	-	-
683335.0	53.5	16	1	1434.0	-	-
149316.0	78.6	16	2	1650.0	1765.0	-
319284.0	93.8	16	3	1699.0	1028.0	1572.0
491272.0	56.1	16	1	1674.0	-	-
661391.0	79.8	16	2	1281.0	1109.0	-
128439.0	72.5	16	2	1515.0	1307.0	-
298498.0	92.1	16	3	1273.0	1372.0	1247.0
469263.0	74.1	16	2	1535.0	1593.0	-
639494.0	72.6	16	2	1766.0	1592.0	-
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)
96259.0	61.1	19	1	1657.0	-	-
249135.0	57.0	19	1	1404.0	-	-
401968.0	53.3	19	1	1411.0	-	-
553338.0	83.3	19	2	1743.0	1332.0	-
77431.0	55.0	19	1	1731.0	-	-
230182.0	64.7	19	1	1751.0	-	-
382310.0	78.4	19	2	1193.0	1586.0	-
533077.0	90.2	19	3	1835.0	1105.0	1881.0
58528.0	80.9	19	2	1057.0	1604.0	-
211306.0	54.9	19	1	1929.0	-	-
364322.0	62.8	19	1	1401.0	-	-
517041.0	65.5	19	1	1546.0	-	-
39702.0	83.1	19	2	1777.0	1486.0	-
192042.0	71.1	19	2	1791.0	1624.0	-
344504.0	74.5	19	2	1894.0	1315.0	-
496513.0	68.7	19	2	1872.0	1831.0	-
20995.0	58.9	19	1	1342.0	-	-
173813.0	63.8	19	1	1467.0	-	-
326790.0	58.2	19	1	1169.0	-	-

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)
1012496.0	73.5	7	2	1182.0	1509.0	-
4574.0	82.0	7	2	1474.0	1695.0	-
327679.0	53.2	7	1	1142.0	-	-
649816.0	71.2	7	2	1145.0	1967.0	-
971672.0	89.9	7	3	1162.0	1030.0	1966.0
1294590.0	78.1	7	2	1983.0	1609.0	-
287911.0	57.4	7	1	1003.0	-	-
610991.0	65.8	7	1	1118.0	-	-
931824.0	95.1	7	3	1219.0	1942.0	1196.0

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)
867489.0	88.0	11	3	1571.0	1060.0	1194.0
171389.0	67.5	11	2	1387.0	1339.0	-
394127.0	94.0	11	3	1348.0	1262.0	1228.0
618475.0	56.7	11	1	1747.0	-	-
842458.0	59.5	11	1	1165.0	-	-
144153.0	63.5	11	1	1072.0	-	-
367266.0	72.2	11	2	1082.0	1250.0	-
588910.0	84.2	11	3	1928.0	1735.0	1265.0
812564.0	81.2	11	2	1961.0	1865.0	-
116543.0	64.2	11	1	1589.0	-	-
339546.0	79.4	11	2	1122.0	1786.0	-
563540.0	61.5	11	1	1561.0	-	-
787215.0	58.6	11	1	1352.0	-	-

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)
96425.0	59.3	10	1	1799.0	-	-
337363.0	91.0	10	3	1301.0	1937.0	1972.0
580675.0	51.4	10	1	1697.0	-	-
821589.0	78.8	10	2	1860.0	1299.0	-
66433.0	93.6	10	3	1655.0	1063.0	1654.0
308594.0	70.4	10	2	1084.0	1056.0	-
550954.0	57.4	10	1	1510.0	-	-
792589.0	69.3	10	2	1019.0	1158.0	-
36711.0	87.5	10	3	1413.0	1083.0	1288.0
278532.0	70.8	10	2	1492.0	1550.0	-
521330.0	58.7	10	1	1117.0	-	-
761406.0	83.9	10	3	1279.0	1180.0	1516.0

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)
8360.0	50.6	8	1	1517.0	-	-
298091.0	90.6	8	3	1708.0	1728.0	1843.0
589714.0	57.9	8	1	1487.0	-	-
878506.0	85.8	8	3	1054.0	1941.0	1059.0
1171499.0	63.4	8	1	1047.0	-	-
263185.0	55.1	8	1	1707.0	-	-
552599.0	97.7	8	3	1133.0	1996.0	1195.0
842685.0	98.9	8	3	1938.0	1134.0	1114.0
1132181.0	83.4	8	3	1314.0	1559.0	1869.0
227441.0	52.1	8	1	1416.0	-	-

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)
323495.0	63.3	14	1	1671.0	-	-
505278.0	61.0	14	1	1242.0	-	-
686739.0	56.0	14	1	1391.0	-	-
119628.0	55.9	14	1	1781.0	-	-
300654.0	69.5	14	2	1822.0	1055.0	-
480969.0	99.0	14	3	1178.0	1237.0	1836.0
661548.0	90.4	14	3	1266.0	1319.0	1991.0
96902.0	87.5	14	3	1116.0	1861.0	1680.0
277716.0	94.7	14	3	1638.0	1198.0	1701.0
458344.0	84.4	14	3	1625.0	1393.0	1795.0
638736.0	96.7	14	3	1958.0	1834.0	1417.0
74984.0	64.8	14	1	1177.0	-	-
256209.0	72.7	14	2	1000.0	1310.0	-
437816.0	62.2	14	1	1850.0	-	-
618781.0	69.7	14	2	1350.0	1086.0	-
52595.0	61.1	14	1	1442.0	-	-

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)
311274.0	84.6	10	3	1959.0	1613.0	1284.0
552677.0	87.1	10	3	1753.0	1721.0	1292.0
797054.0	58.3	10	1	1005.0	-	-
40282.0	75.7	10	2	1583.0	1004.0	-
282623.0	50.5	10	1	1045.0	-	-
522767.0	96.8	10	3	1994.0	1157.0	1954.0
764680.0	85.2	10	3	1667.0	1520.0	1112.0
10487.0	72.9	10	2	1370.0	1090.0	-
252654.0	58.9	10	1	1541.0	-	-
493732.0	73.0	10	2	1722.0	1997.0	-
736882.0	64.3	10	1	1660.0	-	-
976147.0	98.4	10	3	1782.0	1458.0	1341.0

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)
148135.0	67.8	17	2	1125.0	1763.0	-
309584.0	59.1	17	1	1898.0	-	-
469534.0	81.8	17	2	1904.0	1797.0	-
632110.0	62.7	17	1	1823.0	-	-
128228.0	75.3	17	2	1377.0	1910.0	-
289920.0	57.1	17	1	1450.0	-	-
450077.0	77.6	17	2	1888.0	1300.0	-
610123.0	90.5	17	3	1425.0	1383.0	1323.0
108472.0	72.8	17	2	1884.0	1027.0	-
268795.0	87.6	17	3	1814.0	1275.0	1443.0
431129.0	50.9	17	1	1841.0	-	-
592812.0	58.5	17	1	1345.0	-	-
88653.0	79.0	17	2	1756.0	1080.0	-
248801.0	100.0	17	3	1906.0	1877.0	1318.0
410475.0	76.2	17	2	1897.0	1226.0	-
571095.0	74.3	17	2	1802.0	1681.0	-
68765.0	87.2	17	3	1132.0	1106.0	1136.0
229319.0	85.8	17	3	1183.0	1989.0	1115.0

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)
439715.0	67.9	15	2	1704.0	1415.0	-
618834.0	95.7	15	3	1926.0	1678.0	1949.0
55259.0	66.1	15	1	1218.0	-	-
236697.0	52.3	15	1	1740.0	-	-
417685.0	70.5	15	2	1227.0	1386.0	-
599581.0	60.6	15	1	1851.0	-	-
32747.0	90.6	15	3	1405.0	1147.0	1899.0
214328.0	57.6	15	1	1793.0	-	-
395892.0	51.6	15	1	1603.0	-	-
577214.0	66.6	15	1	1846.0	-	-
10505.0	75.8	15	2	1064.0	1256.0	-
191689.0	83.1	15	2	1185.0	1724.0	-
372571.0	97.0	15	3	1124.0	1010.0	1398.0
552964.0	96.5	15	3	1013.0	1856.0	1539.0
734240.0	84.6	15	3	1015.0	1053.0	1886.0
168871.0	92.0	15	3	1479.0	1887.0	1745.0

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)	
702631.0	69.7	5	2	1211.0	1402.0	-	
1064423.0	85.6	5	3	1771.0	1683.0	1085.0	
1429661.0	52.6	5	1	1876.0	-	-	
294256.0	84.0	5	3	1790.0	1410.0	1842.0	
657365.0	89.6	5	3	1097.0	1343.0	1385.0	
1021484.0	65.5	5	1	1993.0	-	-	
1381757.0	84.6	5	3	1644.0	1855.0	1783.0	
249881.0	79.2	5	2	1664.0	1661.0	-	

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)	
376414.0	88.3	12	3	1200.0	1038.0	1612.0	
598769.0	97.0	12	3	1081.0	1840.0	1828.0	
822421.0	86.1	12	3	1174.0	1506.0	1031.0	
125851.0	99.8	12	3	1639.0	1485.0	1890.0	
348698.0	96.8	12	3	1748.0	1752.0	1020.0	
573205.0	50.5	12	1	1742.0	-	-	
795383.0	70.6	12	2	1757.0	1459.0	-	
98779.0	60.9	12	1	1712.0	-	-	
320807.0	85.7	12	3	1935.0	1915.0	1955.0	
544817.0	73.1	12	2	1422.0	1778.0	-	
769368.0	55.1	12	1	1461.0	-	-	
71123.0	68.6	12	2	1829.0	1568.0	-	
294344.0	82.2	12	2	1725.0	1144.0	-	

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)	
518550.0	65.4	11	1	1042.0	-	-	
739003.0	88.6	11	3	1362.0	1813.0	1805.0	
43691.0	71.2	11	2	1433.0	1068.0	-	
266730.0	72.2	11	2	1919.0	1373.0	-	
490013.0	67.7	11	2	1673.0	1232.0	-	
713905.0	55.4	11	1	1975.0	-	-	
16203.0	61.0	11	1	1750.0	-	-	
239602.0	64.7	11	1	1947.0	-	-	
461486.0	89.7	11	3	1744.0	1585.0	1640.0	
684824.0	90.6	11	3	1762.0	1062.0	1249.0	
910015.0	54.4	11	1	1741.0	-	-	
211810.0	74.0	11	2	1875.0	1264.0	-	
434539.0	87.0	11	3	1448.0	1438.0	1067.0	

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)
658177.0	80.3	11	2	1354.0	1590.0	-
879639.0	90.6	11	3	1626.0	1337.0	1755.0
184475.0	71.7	11	2	1061.0	1338.0	-
408127.0	53.2	11	1	1591.0	-	-
629943.0	96.3	11	3	1328.0	1140.0	1564.0
855432.0	52.3	11	1	1239.0	-	-
157186.0	61.1	11	1	1137.0	-	-
379429.0	86.9	11	3	1243.0	1784.0	1394.0
603863.0	64.0	11	1	1933.0	-	-
826146.0	73.6	11	2	1222.0	1962.0	-
129378.0	74.5	11	2	1921.0	1103.0	-
352054.0	90.8	11	3	1204.0	1358.0	1679.0
576630.0	60.9	11	1	1476.0	-	-

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)
945713.0	51.1	8	1	1648.0	-	-
120298.0	96.1	8	3	1808.0	1702.0	1146.0
384906.0	64.9	8	1	1380.0	-	-
647094.0	97.5	8	3	1488.0	1787.0	1558.0
911608.0	73.9	8	2	1982.0	1532.0	-
87893.0	91.4	8	3	1366.0	1035.0	1686.0
352187.0	66.0	8	1	1907.0	-	-
616350.0	59.7	8	1	1826.0	-	-
881057.0	54.2	8	1	1121.0	-	-
55397.0	97.1	8	3	1776.0	1043.0	1827.0
319454.0	81.5	8	2	1340.0	1248.0	-

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)
377806.0	61.8	16	1	1101.0	-	-
547865.0	71.9	16	2	1156.0	1065.0	-
14876.0	60.0	16	1	1646.0	-	-
185332.0	73.6	16	2	1397.0	1552.0	-
356534.0	64.5	16	1	1530.0	-	-
524659.0	98.7	16	3	1355.0	1936.0	1848.0
697811.0	56.3	16	1	1911.0	-	-
164338.0	81.7	16	2	1189.0	1737.0	-
335082.0	75.8	16	2	1313.0	1076.0	-
505999.0	59.7	16	1	1976.0	-	-
675334.0	70.2	16	2	1734.0	1682.0	-
143434.0	80.0	16	2	1325.0	1127.0	-
312942.0	89.2	16	3	1772.0	1981.0	1154.0
484426.0	82.5	16	2	1677.0	1089.0	-
654945.0	76.9	16	2	1717.0	1058.0	-
122562.0	52.7	16	1	1632.0	-	-
293297.0	57.5	16	1	1794.0	-	-

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)
436763.0	95.4	17	3	1445.0	1049.0	1501.0
599909.0	51.4	17	1	1304.0	-	-
95844.0	64.9	17	1	1810.0	-	-
256199.0	96.7	17	3	1557.0	1073.0	1490.0
417489.0	81.4	17	2	1524.0	1641.0	-
580281.0	56.8	17	1	1017.0	-	-
76057.0	54.2	17	1	1153.0	-	-
237281.0	64.9	17	1	1668.0	-	-
396125.0	99.8	17	3	1917.0	1871.0	1950.0
557460.0	92.3	17	3	1551.0	1141.0	1812.0
55981.0	66.7	17	2	1853.0	1596.0	-
217321.0	63.0	17	1	1956.0	-	-
378953.0	57.9	17	1	1221.0	-	-
539439.0	77.3	17	2	1270.0	1066.0	-
36153.0	76.0	17	2	1824.0	1903.0	-
196803.0	93.5	17	3	1123.0	1320.0	1736.0
357224.0	90.2	17	3	1584.0	1466.0	1597.0
517598.0	91.5	17	3	1107.0	2000.0	1779.0

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)
21060.0	74.4	13	2	1901.0	1244.0	-
227772.0	92.4	13	3	1775.0	1567.0	1335.0
434785.0	87.5	13	3	1631.0	1503.0	1026.0
642873.0	72.3	13	2	1212.0	1336.0	-
850976.0	65.3	13	1	1706.0	-	-
202848.0	67.2	13	2	1163.0	1223.0	-
409001.0	92.9	13	3	1801.0	1619.0	1369.0
618036.0	65.0	13	1	1588.0	-	-
825166.0	51.1	13	1	1970.0	-	-
177101.0	80.9	13	2	1811.0	1595.0	-
385056.0	66.1	13	1	1414.0	-	-
591670.0	75.7	13	2	1308.0	1444.0	-
799988.0	65.0	13	1	1575.0	-	-
151459.0	97.0	13	3	1873.0	1050.0	1257.0

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)
313118.0	88.7	15	3	1007.0	1978.0	1672.0
495743.0	58.5	15	1	1857.0	-	-
677711.0	64.4	15	1	1283.0	-	-
110477.0	52.8	15	1	1986.0	-	-
291272.0	82.1	15	2	1973.0	1608.0	-
472053.0	84.8	15	3	1225.0	1495.0	1254.0
653828.0	80.4	15	2	1651.0	1363.0	-
88173.0	65.1	15	1	1628.0	-	-
269821.0	55.7	15	1	1229.0	-	-
450975.0	58.6	15	1	1969.0	-	-
632850.0	64.8	15	1	1432.0	-	-
65822.0	56.4	15	1	1560.0	-	-
246517.0	89.7	15	3	1685.0	1120.0	1253.0
428060.0	68.6	15	2	1645.0	1316.0	-
609653.0	67.8	15	2	1002.0	1453.0	-
43385.0	82.5	15	2	1498.0	1407.0	-

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)
399404.0	94.3	7	3	1896.0	1324.0	1436.0
721533.0	86.5	7	3	1542.0	1700.0	1629.0
1044477.0	99.0	7	3	1111.0	1233.0	1573.0
37442.0	91.0	7	3	1616.0	1847.0	1963.0
360532.0	52.5	7	1	1620.0	-	-
683578.0	60.4	7	1	1497.0	-	-
1005865.0	70.0	7	2	1029.0	1428.0	-
1328158.0	73.0	7	2	1536.0	1408.0	-
319976.0	86.1	7	3	1770.0	1544.0	1513.0

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)
723169.0	97.8	5	3	1008.0	1303.0	1637.0
1087659.0	53.8	5	1	1676.0	-	-
1451143.0	66.4	5	1	1580.0	-	-
316162.0	55.6	5	1	1455.0	-	-
678822.0	73.4	5	2	1979.0	1206.0	-
1040947.0	98.9	5	3	1071.0	1483.0	1923.0
1404929.0	74.0	5	2	1617.0	1507.0	-
271248.0	77.3	5	2	1001.0	1259.0	-

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)
316552.0	69.8	15	2	1025.0	1749.0	-
497827.0	74.4	15	2	1449.0	1252.0	-
677237.0	99.5	15	3	1773.0	1470.0	1475.0
113143.0	62.8	15	1	1854.0	-	-
294166.0	73.1	15	2	1623.0	1312.0	-
476447.0	61.4	15	1	1216.0	-	-
657449.0	55.4	15	1	1900.0	-	-
90809.0	61.1	15	1	1718.0	-	-
272467.0	59.2	15	1	1235.0	-	-
452340.0	86.6	15	3	1138.0	1251.0	1692.0
634418.0	78.9	15	2	1126.0	1577.0	-
68441.0	57.5	15	1	1868.0	-	-
249973.0	58.9	15	1	1610.0	-	-
430338.0	77.6	15	2	1627.0	1965.0	-
611827.0	74.2	15	2	1820.0	1208.0	-
45955.0	97.2	15	3	1139.0	1689.0	1241.0

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
Detection Percentage (%)			100.0%

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5714	5542	5549	5500	5502
5	5418	5281	5539	5586	5314
10	5646	5424	5693	5434	5390
15	5320	5552	5399	5627	5421
20	5425	5694	5396	5717	5577
25	5706	5671	5511	5638	5318
30	5445	5541	5532	5323	5440
35	5566	5641	5496	5498	5264
40	5606	5429	5711	5285	5274
45	5454	5460	5371	5374	5658
50	5718	5423	5573	5403	5605
55	5272	5534	5335	5278	5673
60	5721	5548	5705	5508	5458
65	5675	5576	5636	5619	5723
70	5710	5540	5343	5708	5361
75	5469	5553	5584	5398	5517
80	5291	5609	5359	5509	5689
85	5413	5383	5571	5654	5481
90	5337	5559	5518	5588	5484
95	5480	5660	5355	5608	5543

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5494	5306	5485	5661	5344
5	5460	5681	5614	5274	5521
10	5577	5688	5259	5629	5411
15	5408	5679	5493	5444	5429
20	5591	5257	5388	5690	5465
25	5558	5399	5712	5672	5457
30	5334	5498	5650	5572	5260
35	5608	5292	5651	5653	5445
40	5512	5649	5525	5495	5678
45	5434	5517	5421	5424	5261
50	5437	5419	5474	5628	5396
55	5347	5318	5701	5724	5627
60	5327	5537	5431	5404	5451
65	5615	5513	5709	5329	5333
70	5685	5471	5704	5541	5543
75	5719	5523	5669	5686	5286
80	5413	5371	5640	5435	5585
85	5379	5683	5594	5377	5366
90	5718	5574	5535	5644	5253
95	5587	5646	5313	5484	5598

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5652	5545	5421	5347	5564
5	5599	5703	5592	5340	5253
10	5508	5477	5300	5349	5432
15	5496	5709	5499	5489	5536
20	5660	5673	5663	5256	5507
25	5602	5341	5706	5320	5455
30	5390	5724	5458	5272	5348
35	5329	5567	5381	5595	5587
40	5290	5492	5510	5414	5600
45	5479	5526	5313	5525	5339
50	5694	5669	5409	5558	5439
55	5351	5598	5456	5576	5438
60	5369	5257	5350	5699	5474
65	5611	5661	5410	5306	5315
70	5336	5534	5471	5343	5252
75	5698	5585	5590	5586	5328
80	5664	5352	5712	5563	5486
85	5358	5577	5373	5314	5723
90	5255	5591	5628	5626	5469
95	5274	5608	5482	5335	5434

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5432	5309	5357	5508	5406
5	5641	5628	5667	5503	5557
10	5342	5363	5438	5544	5453
15	5487	5361	5602	5534	5253
20	5348	5351	5614	5469	5636
25	5619	5359	5330	5445	5265
30	5541	5684	5412	5605	5498
35	5278	5411	5536	5456	5482
40	5578	5695	5300	5525	5530
45	5489	5439	5394	5683	5537
50	5316	5664	5296	5576	5428
55	5420	5613	5597	5512	5532
60	5645	5569	5585	5266	5480
65	5298	5558	5393	5425	5423
70	5647	5493	5302	5497	5475
75	5398	5436	5286	5397	5430
80	5312	5372	5255	5367	5366
85	5279	5320	5583	5523	5669
90	5297	5658	5473	5440	5606
95	5538	5364	5608	5709	5524

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5687	5548	5293	5572	5626
5	5683	5650	5267	5666	5289
10	5273	5627	5479	5642	5474
15	5575	5488	5705	5482	5542
20	5356	5420	5652	5558	5609
25	5410	5686	5533	5549	5299
30	5680	5670	5272	5345	5573
35	5550	5252	5257	5492	5534
40	5383	5463	5673	5583	5368
45	5374	5291	5498	5486	5678
50	5443	5472	5517	5718	5460
55	5310	5466	5722	5464	5540
60	5714	5431	5425	5605	5481
65	5339	5723	5372	5703	5300
70	5547	5384	5439	5610	5373
75	5389	5659	5398	5538	5477
80	5622	5480	5580	5340	5567
85	5608	5260	5375	5341	5491
90	5282	5595	5612	5285	5390
95	5473	5625	5700	5693	5422

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5467	5312	5704	5258	5468
5	5250	5575	5342	5354	5496
10	5679	5416	5520	5362	5495
15	5663	5615	5333	5527	5259
20	5267	5586	5593	5550	5582
25	5298	5635	5639	5275	5722
30	5559	5463	5424	5296	5592
35	5718	5620	5410	5406	5373
40	5466	5401	5438	5580	5675
45	5374	5556	5539	5319	5648
50	5678	5606	5541	5404	5498
55	5420	5437	5283	5414	5368
60	5596	5370	5307	5285	5449
65	5321	5622	5535	5464	5578
70	5716	5459	5349	5348	5628
75	5612	5444	5519	5504	5490
80	5403	5607	5543	5577	5567
85	5450	5698	5470	5306	5445
90	5530	5318	5393	5715	5650
95	5485	5264	5280	5677	5417

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5625	5551	5640	5419	5688
5	5389	5597	5417	5420	5703
10	5513	5680	5561	5557	5516
15	5276	5267	5436	5572	5451
20	5275	5655	5534	5639	5555
25	5564	5487	5367	5379	5289
30	5448	5661	5678	5576	5591
35	5256	5334	5416	5563	5309
40	5549	5717	5577	5604	5712
45	5457	5614	5592	5355	5670
50	5349	5254	5317	5364	5251
55	5686	5374	5627	5480	5385
60	5400	5286	5315	5269	5608
65	5706	5272	5270	5658	5259
70	5381	5313	5356	5542	5308
75	5307	5500	5257	5587	5281
80	5600	5659	5674	5606	5574
85	5255	5470	5292	5283	5662
90	5649	5496	5303	5613	5558
95	5721	5532	5594	5335	5288

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5405	5315	5576	5580	5433
5	5431	5522	5492	5583	5532
10	5444	5469	5602	5277	5537
15	5267	5297	5442	5617	5643
20	5283	5346	5475	5631	5528
25	5452	5436	5570	5483	5304
30	5331	5434	5618	5418	5350
35	5314	5395	5425	5667	5338
40	5623	5254	5655	5574	5692
45	5540	5575	5645	5620	5546
50	5525	5305	5406	5565	5670
55	5399	5328	5342	5299	5356
60	5529	5451	5357	5531	5274
65	5473	5694	5597	5577	5562
70	5482	5439	5642	5535	5679
75	5266	5280	5633	5481	5710
80	5440	5363	5669	5474	5450
85	5373	5706	5721	5379	5517
90	5551	5336	5723	5252	5290
95	5414	5703	5298	5390	5688

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5660	5554	5512	5266	5275
5	5473	5544	5567	5271	5264
10	5278	5355	5643	5472	5558
15	5424	5545	5565	5360	5669
20	5415	5513	5720	5501	5340
25	5288	5298	5587	5338	5470
30	5323	5575	5633	5502	5609
35	5437	5613	5483	5491	5462
40	5337	5593	5586	5571	5365
45	5672	5623	5698	5507	5325
50	5701	5356	5495	5388	5517
55	5282	5532	5705	5658	5616
60	5302	5505	5357	5695	5296
65	5312	5421	5425	5645	5384
70	5655	5700	5438	5400	5301
75	5688	5723	5696	5527	5354
80	5471	5267	5373	5548	5306
85	5474	5482	5324	5631	5413
90	5258	5674	5715	5315	5445
95	5251	5624	5417	5480	5657

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5440	5318	5448	5427	5495
5	5612	5469	5642	5434	5471
10	5684	5619	5570	5579	5443
15	5551	5648	5610	5552	5677
20	5581	5454	5712	5474	5606
25	5615	5501	5313	5372	5512
30	5687	5532	5276	5332	5576
35	5704	5376	5644	5256	5301
40	5420	5531	5351	5665	5294
45	5652	5706	5691	5297	5676
50	5402	5407	5584	5686	5461
55	5678	5711	5722	5315	5312
60	5306	5337	5280	5641	5497
65	5592	5669	5643	5626	5411
70	5708	5631	5659	5310	5520
75	5347	5465	5358	5477	5417
80	5468	5462	5390	5269	5666
85	5350	5455	5572	5354	5578
90	5361	5261	5556	5349	5500
95	5710	5484	5506	5288	5478

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5695	5557	5384	5588	5337
5	5654	5491	5717	5500	5300
10	5615	5408	5250	5290	5600
15	5531	5678	5276	5655	5269
20	5685	5272	5395	5326	5447
25	5494	5564	5607	5417	5406
30	5554	5673	5489	5428	5627
35	5715	5320	5647	5419	5645
40	5469	5591	5662	5601	5632
45	5314	5652	5707	5659	5552
50	5578	5458	5509	5308	5391
55	5665	5340	5609	5441	5471
60	5667	5644	5581	5684	5698
65	5541	5608	5354	5583	5446
70	5273	5618	5279	5640	5490
75	5424	5371	5258	5283	5480
80	5465	5657	5329	5286	5315
85	5409	5345	5649	5268	5367
90	5295	5341	5555	5316	5382
95	5485	5526	5486	5573	5606

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5378	5321	5320	5274	5557
5	5696	5513	5317	5663	5507
10	5449	5672	5388	5485	5621
15	5522	5708	5379	5700	5461
20	5596	5341	5433	5318	5420
25	5285	5416	5335	5521	5440
30	5693	5562	5446	5706	5677
35	5447	5411	5443	5572	5559
40	5551	5683	5407	5259	5659
45	5530	5612	5397	5710	5428
50	5279	5509	5384	5252	5579
55	5619	5618	5473	5636	5709
60	5476	5630	5490	5644	5661
65	5724	5392	5480	5276	5406
70	5583	5577	5626	5536	5502
75	5494	5481	5514	5543	5462
80	5377	5654	5646	5292	5478
85	5658	5460	5496	5372	5373
90	5707	5698	5470	5463	5610
95	5300	5367	5629	5684	5668

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5633	5657	5256	5338	5399
5	5263	5438	5392	5351	5714
10	5380	5461	5429	5680	5642
15	5610	5360	5385	5648	5275
20	5604	5507	5374	5407	5393
25	5365	5538	5625	5474	5260
30	5548	5403	5446	5354	5645
35	5421	5502	5336	5250	5570
40	5390	5291	5345	5499	5656
45	5362	5495	5480	5293	5682
50	5455	5560	5473	5533	5574
55	5292	5573	5720	5722	5492
60	5602	5326	5654	5405	5330
65	5576	5439	5583	5396	5430
70	5561	5466	5376	5462	5536
75	5595	5308	5679	5483	5271
80	5591	5295	5611	5703	5459
85	5572	5557	5585	5352	5670
90	5623	5414	5269	5667	5598
95	5379	5266	5579	5665	5284

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5413	5421	5667	5499	5619
5	5402	5460	5467	5514	5543
10	5311	5347	5470	5400	5663
15	5698	5487	5488	5693	5612
20	5576	5315	5399	5366	5439
25	5692	5266	5351	5508	5302
30	5437	5360	5564	5603	5465
35	5560	5690	5607	5500	5484
40	5704	5374	5283	5264	5653
45	5291	5475	5563	5254	5391
50	5601	5558	5631	5611	5562
55	5356	5518	5480	5527	5435
60	5444	5463	5256	5491	5599
65	5712	5522	5545	5388	5703
70	5540	5708	5633	5452	5379
75	5482	5438	5495	5428	5464
80	5426	5604	5551	5300	5359
85	5389	5427	5290	5517	5390
90	5288	5385	5678	5365	5688
95	5497	5720	5648	5702	5286

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5668	5660	5603	5461	5444
5	5385	5542	5580	5275	5620
10	5611	5511	5498	5684	5311
15	5614	5591	5263	5659	5267
20	5353	5488	5339	5327	5544
25	5469	5455	5441	5326	5317
30	5304	5280	5663	5699	5306
35	5403	5653	5398	5543	5554
40	5599	5504	5650	5695	5646
45	5312	5434	5332	5662	5651
50	5654	5365	5384	5625	5656
55	5457	5565	5271	5655	5438
60	5335	5535	5479	5331	5414
65	5454	5436	5548	5393	5445
70	5678	5714	5367	5354	5356
75	5584	5460	5269	5375	5482
80	5456	5419	5290	5685	5453
85	5712	5722	5700	5300	5349
90	5546	5682	5463	5425	5381
95	5277	5439	5537	5291	5287

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5351	5424	5539	5346	5681
5	5486	5407	5617	5268	5482
10	5551	5400	5552	5693	5705
15	5399	5266	5694	5686	5376
20	5531	5336	5294	5480	5312
25	5690	5493	5575	5559	5576
30	5483	5274	5519	5529	5397
35	5674	5331	5409	5479	5637
40	5537	5647	5269	5527	5435
45	5254	5370	5497	5278	5310
50	5508	5713	5362	5380	5309
55	5284	5338	5340	5557	5405
60	5514	5586	5511	5569	5383
65	5594	5270	5702	5314	5521
70	5655	5390	5413	5308	5668
75	5536	5426	5455	5349	5588
80	5353	5304	5363	5683	5577
85	5324	5470	5538	5408	5618
90	5494	5649	5507	5334	5628
95	5355	5333	5444	5661	5566



Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5606	5663	5475	5507	5523
5	5528	5332	5692	5431	5311
10	5385	5664	5593	5413	5251
15	5390	5296	5322	5256	5568
20	5539	5502	5710	5569	5285
25	5481	5345	5303	5610	5525
30	5676	5706	5259	5681	5405
35	5488	5567	5581	5323	5318
40	5720	5412	5266	5456	5415
45	5337	5428	5453	5640	5564
50	5684	5289	5451	5678	5631
55	5472	5292	5530	5279	5546
60	5511	5531	5683	5457	5295
65	5630	5480	5497	5592	5582
70	5407	5366	5372	5277	5691
75	5707	5362	5369	5695	5577
80	5350	5499	5398	5294	5424
85	5308	5500	5389	5346	5645
90	5410	5414	5342	5543	5669
95	5443	5571	5267	5503	5519

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5386	5427	5411	5668	5268
5	5667	5354	5292	5594	5518
10	5316	5453	5634	5608	5272
15	5478	5423	5328	5301	5285
20	5547	5571	5273	5561	5258
25	5369	5294	5506	5389	5644
30	5664	5565	5663	5377	5455
35	5501	5544	5579	5363	5259
40	5712	5632	5413	5652	5263
45	5288	5395	5420	5430	5440
50	5340	5540	5575	5660	5721
55	5623	5573	5250	5675	5676
60	5476	5612	5604	5500	5496
65	5281	5666	5312	5298	5640
70	5493	5585	5256	5720	5331
75	5336	5388	5484	5472	5625
80	5384	5347	5694	5266	5367
85	5361	5486	5475	5559	5426
90	5473	5717	5649	5662	5465
95	5398	5715	5522	5297	5641

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5641	5666	5347	5354	5585
5	5709	5279	5367	5282	5250
10	5722	5339	5675	5328	5293
15	5566	5550	5431	5346	5477
20	5458	5262	5689	5650	5706
25	5635	5621	5493	5678	5551
30	5620	5592	5607	5699	5683
35	5670	5634	5412	5723	5471
40	5508	5351	5320	5260	5692
45	5278	5503	5447	5559	5317
50	5316	5464	5391	5629	5324
55	5422	5373	5338	5392	5696
60	5329	5366	5518	5444	5430
65	5446	5319	5705	5605	5522
70	5659	5576	5334	5588	5580
75	5290	5593	5456	5296	5369
80	5639	5485	5406	5451	5703
85	5511	5644	5306	5421	5581
90	5597	5429	5710	5624	5638
95	5609	5654	5531	5564	5301

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5324	5430	5283	5418	5330
5	5276	5301	5442	5348	5554
10	5556	5603	5338	5426	5314
15	5654	5677	5534	5294	5669
20	5466	5331	5630	5642	5679
25	5523	5570	5437	5597	5712
30	5273	5440	5577	5332	5381
35	5519	5250	5383	5527	5662
40	5637	5310	5591	5289	5560
45	5257	5621	5258	5586	5505
50	5612	5582	5640	5340	5525
55	5366	5561	5629	5528	5666
60	5667	5458	5531	5463	5256
65	5392	5520	5641	5354	5454
70	5379	5406	5562	5688	5429
75	5672	5724	5576	5439	5350
80	5416	5595	5615	5388	5719
85	5706	5547	5623	5384	5298
90	5465	5480	5483	5444	5328
95	5413	5318	5575	5608	5503



Type 6 Radar Waveform_20						
Frequency List (MHz)	0	1	2	3	4	
0	5579	5669	5694	5647	5318	
5	5701	5517	5511	5286	5487	
10	5392	5379	5621	5335	5645	
15	5329	5637	5339	5483	5474	
20	5497	5571	5256	5652	5314	
25	5422	5543	5271	5315	5534	
30	5450	5533	5389	5323	5340	
35	5551	5721	5674	5702	5325	
40	5351	5453	5713	5466	5665	
45	5469	5446	5341	5493	5429	
50	5348	5688	5274	5583	5718	
55	5408	5541	5587	5696	5654	
60	5338	5343	5603	5580	5564	
65	5346	5657	5478	5548	5691	
70	5278	5648	5683	5434	5599	
75	5582	5331	5668	5705	5443	
80	5304	5451	5716	5426	5547	
85	5562	5347	5393	5430	5642	
90	5625	5673	5685	5630	5447	
95	5506	5265	5606	5382	5282	

Type 6 Radar Waveform_21						
Frequency List (MHz)	0	1	2	3	4	
0	5359	5433	5630	5265	5392	
5	5457	5723	5592	5674	5493	
10	5418	5656	5420	5341	5356	
15	5258	5384	5675	5385	5663	
20	5609	5625	5677	5274	5271	
25	5330	5305	5454	5315	5491	
30	5665	5307	5537	5528	5565	
35	5594	5562	5560	5379	5640	
40	5348	5382	5693	5374	5524	
45	5718	5259	5322	5517	5544	
50	5518	5646	5632	5462	5702	
55	5512	5716	5386	5353	5415	
60	5480	5381	5552	5616	5396	
65	5460	5647	5534	5316	5505	
70	5624	5642	5403	5719	5628	
75	5409	5445	5699	5468	5514	
80	5713	5621	5450	5404	5407	
85	5585	5298	5485	5504	5658	
90	5627	5659	5555	5319	5352	
95	5685	5431	5709	5377	5563	

Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5614	5672	5566	5426	5709
5	5499	5648	5667	5362	5700
10	5252	5445	5461	5536	5377
15	5346	5486	5271	5429	5392
20	5393	5257	5550	5337	5598
25	5468	5698	5474	5531	5339
30	5496	5679	5448	5405	5459
35	5357	5570	5656	5487	5268
40	5476	5399	5462	5481	5708
45	5345	5689	5673	5457	5582
50	5674	5621	5693	5595	5607
55	5469	5479	5553	5491	5623
60	5521	5483	5273	5551	5395
65	5344	5306	5327	5367	5501
70	5652	5606	5411	5641	5719
75	5617	5319	5354	5600	5601
80	5275	5364	5296	5390	5697
85	5353	5480	5535	5710	5341
90	5721	5370	5302	5263	5439
95	5277	5660	5348	5633	5596

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5394	5436	5502	5587	5454
5	5541	5670	5267	5428	5529
10	5658	5331	5256	5398	5434
15	5613	5374	5377	5584	5401
20	5423	5491	5329	5571	5356
25	5550	5677	5635	5373	5538
30	5665	5405	5620	5708	5555
35	5709	5272	5283	5421	5390
40	5713	5545	5419	5473	5342
45	5618	5653	5540	5543	5252
50	5411	5452	5646	5696	5266
55	5445	5338	5718	5402	5716
60	5340	5651	5704	5273	5568
65	5450	5591	5438	5303	5444
70	5413	5603	5678	5479	5560
75	5719	5484	5371	5474	5463
80	5261	5699	5262	5610	5633
85	5353	5660	5430	5397	5606
90	5393	5525	5480	5513	5630
95	5697	5440	5483	5320	5496

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5552	5675	5438	5273	5296
5	5583	5595	5342	5591	5261
10	5589	5543	5354	5419	5425
15	5265	5477	5422	5301	5312
20	5492	5529	5418	5544	5719
25	5499	5405	5264	5407	5677
30	5554	5362	5263	5385	5375
35	5373	5460	5574	5401	5649
40	5628	5357	5713	5339	5450
45	5633	5623	5601	5305	5298
50	5328	5570	5697	5493	5270
55	5454	5399	5431	5537	5531
60	5406	5285	5483	5530	5316
65	5391	5627	5648	5573	5722
70	5485	5527	5455	5519	5604
75	5352	5629	5476	5517	5388
80	5325	5607	5353	5256	5502
85	5393	5571	5444	5678	5267
90	5567	5579	5549	5500	5480
95	5670	5462	5565	5724	5605

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5332	5439	5374	5434	5516
5	5722	5617	5417	5279	5468
10	5423	5384	5584	5549	5440
15	5513	5392	5580	5467	5493
20	5320	5658	5470	5410	5517
25	5510	5351	5511	5368	5441
30	5719	5443	5319	5478	5634
35	5573	5512	5551	5350	5349
40	5315	5488	5333	5295	5433
45	5379	5706	5659	5358	5563
50	5679	5271	5273	5496	5316
55	5689	5642	5353	5621	5356
60	5299	5660	5571	5705	5453
65	5262	5592	5348	5566	5480
70	5465	5525	5654	5672	5522
75	5431	5560	5627	5531	5406
80	5586	5298	5552	5388	5604
85	5548	5344	5306	5398	5546
90	5498	5601	5364	5561	5430
95	5568	5646	5616	5461	5600

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5587	5678	5310	5595	5358
5	5289	5542	5492	5442	5297
10	5354	5648	5625	5269	5461
15	5601	5422	5683	5415	5685
20	5328	5252	5411	5499	5490
25	5398	5714	5569	5378	5286
30	5429	5276	5693	5311	5393
35	5554	5642	5718	5502	5704
40	5327	5416	5708	5621	5430
45	5308	5496	5314	5620	5450
50	5555	5447	5324	5585	5614
55	5536	5355	5336	5650	5270
60	5261	5272	5719	5279	5318
65	5602	5690	5260	5251	5658
70	5525	5603	5407	5437	5529
75	5674	5696	5619	5548	5268
80	5634	5283	5401	5404	5449
85	5697	5533	5635	5721	5670
90	5534	5485	5545	5466	5420
95	5274	5339	5280	5673	5629

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5367	5539	5721	5659	5578
5	5331	5564	5567	5508	5504
10	5663	5437	5288	5464	5482
15	5689	5549	5460	5499	5714
20	5418	5449	5491	5463	5664
25	5627	5442	5673	5412	5425
30	5318	5708	5433	5560	5688
35	5693	5258	5514	5655	5618
40	5641	5646	5386	5427	5615
45	5476	5397	5678	5715	5334
50	5623	5375	5674	5340	5480
55	5543	5639	5526	5372	5716
60	5346	5426	5692	5551	5580
65	5251	5616	5638	5522	5530
70	5606	5420	5644	5528	5452
75	5383	5396	5401	5392	5720
80	5295	5435	5709	5335	5308
85	5611	5598	5537	5600	5593
90	5272	5403	5470	5516	5698
95	5285	5572	5506	5682	5648

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5525	5303	5657	5345	5420
5	5373	5489	5642	5671	5711
10	5594	5701	5329	5659	5503
15	5680	5676	5317	5505	5691
20	5722	5487	5390	5580	5436
25	5552	5479	5645	5302	5446
30	5467	5682	5665	5551	5712
35	5411	5357	5349	5310	5430
40	5629	5480	5679	5584	5626
45	5424	5544	5456	5261	5517
50	5602	5685	5324	5426	5385
55	5638	5327	5634	5593	5716
60	5666	5590	5475	5591	5637
65	5383	5672	5342	5670	5577
70	5257	5422	5312	5492	5630
75	5628	5301	5359	5355	5370
80	5512	5388	5276	5687	5344
85	5472	5674	5498	5280	5440
90	5442	5439	5688	5615	5454
95	5718	5714	5606	5316	5595

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5305	5542	5593	5506	5640
5	5512	5511	5717	5359	5540
10	5525	5587	5370	5282	5524
15	5293	5328	5420	5550	5408
20	5255	5653	5331	5572	5409
25	5343	5428	5373	5406	5480
30	5509	5668	5622	5291	5486
35	5706	5399	5440	5678	5583
40	5543	5416	5287	5425	5294
45	5421	5376	5436	5563	5697
50	5473	5392	5561	5500	5477
55	5474	5461	5271	5347	5547
60	5431	5485	5604	5281	5582
65	5690	5329	5618	5619	5613
70	5564	5692	5590	5713	5631
75	5625	5535	5531	5257	5367
80	5357	5372	5636	5495	5475
85	5381	5499	5405	5580	5491
90	5437	5553	5394	5270	5662
95	5650	5594	5635	5638	5555



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz) – Mode 3		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	0	1
1	5492	1	0	1	1
2	5500	1	1	0	1
3	5493	1	1	1	1
4	5495	1	0	1	0
5	5494	1	1	0	1
6	5498	1	1	0	1
7	5495	1	1	1	1
8	5496	0	0	1	1
9	5497	1	1	1	1
10	5497	1	1	1	1
11	5498	1	1	1	1
12	5502	1	1	1	1
13	5499	1	1	1	1
14	5500	1	1	1	1
15	5507	1	1	1	1
16	5501	1	0	1	1
17	5501	1	1	1	1
18	5502	1	1	1	1
19	5505	1	1	1	1
20	5503	1	1	1	1
21	5504	1	1	1	1
22	5504	1	1	1	1
23	5493	1	1	1	0
24	5506	1	1	1	1
25	5506	1	1	0	1
26	5508	1	1	1	1
27	5507	1	1	0	1
28	5492	1	1	1	1



29	5509	1	1	0	1
Probability:		96.7%	86.7%	76.7%	93.3%
Aggregate (Radar Types 1-4)		88.4% (>80%)			

Type 1 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	578.0	92	53176.0
Download	1	Type 1	1.0	878.0	61	53558.0
Download	2	Type 1	1.0	538.0	99	53262.0
Download	3	Type 1	1.0	638.0	83	52954.0
Download	4	Type 1	1.0	678.0	78	52884.0
Download	5	Type 1	1.0	718.0	74	53132.0
Download	6	Type 1	1.0	558.0	95	53010.0
Download	7	Type 1	1.0	798.0	67	53466.0
Download	8	Type 1	1.0	938.0	57	53466.0
Download	9	Type 1	1.0	3066.0	18	55188.0
Download	10	Type 1	1.0	858.0	62	53196.0
Download	11	Type 1	1.0	838.0	63	52794.0
Download	12	Type 1	1.0	758.0	70	53060.0
Download	13	Type 1	1.0	598.0	89	53222.0
Download	14	Type 1	1.0	618.0	86	53148.0
Download	15	Type 1	1.0	1281.0	42	53802.0
Download	16	Type 1	1.0	2023.0	27	54621.0
Download	17	Type 1	1.0	1657.0	32	53024.0
Download	18	Type 1	1.0	1880.0	29	54520.0
Download	19	Type 1	1.0	1073.0	50	53650.0
Download	20	Type 1	1.0	1580.0	34	53720.0
Download	21	Type 1	1.0	714.0	74	52836.0
Download	22	Type 1	1.0	1993.0	27	53611.0
Download	23	Type 1	1.0	850.0	63	53550.0
Download	24	Type 1	1.0	2568.0	21	53928.0
Download	25	Type 1	1.0	966.0	55	53130.0
Download	26	Type 1	1.0	1290.0	41	52890.0
Download	27	Type 1	1.0	2251.0	24	54024.0
Download	28	Type 1	1.0	2326.0	23	53498.0
Download	29	Type 1	1.0	2604.0	21	54684.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	1.1	173.0	23	3979.0
Download	1	Type 2	1.5	181.0	23	4163.0
Download	2	Type 2	3.5	156.0	27	4212.0
Download	3	Type 2	1.7	223.0	24	5352.0
Download	4	Type 2	2.0	214.0	24	5136.0
Download	5	Type 2	2.5	161.0	25	4025.0
Download	6	Type 2	2.0	165.0	24	3960.0
Download	7	Type 2	3.7	183.0	27	4941.0
Download	8	Type 2	1.8	205.0	24	4920.0
Download	9	Type 2	5.0	169.0	29	4901.0
Download	10	Type 2	1.8	210.0	24	5040.0
Download	11	Type 2	1.1	196.0	23	4508.0
Download	12	Type 2	3.4	219.0	27	5913.0
Download	13	Type 2	4.4	168.0	28	4704.0
Download	14	Type 2	2.4	199.0	25	4975.0
Download	15	Type 2	2.8	216.0	26	5616.0
Download	16	Type 2	1.8	222.0	24	5328.0
Download	17	Type 2	3.8	170.0	27	4590.0
Download	18	Type 2	4.2	153.0	28	4284.0
Download	19	Type 2	3.6	164.0	27	4428.0
Download	20	Type 2	1.1	171.0	23	3933.0
Download	21	Type 2	3.9	217.0	28	6076.0
Download	22	Type 2	4.6	221.0	29	6409.0
Download	23	Type 2	4.2	204.0	28	5712.0
Download	24	Type 2	1.2	213.0	23	4899.0
Download	25	Type 2	3.1	166.0	26	4316.0
Download	26	Type 2	4.9	198.0	29	5742.0
Download	27	Type 2	3.4	194.0	27	5238.0
Download	28	Type 2	5.0	185.0	29	5365.0
Download	29	Type 2	3.6	200.0	27	5400.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	6.1	257.0	16	4112.0
Download	1	Type 3	6.5	301.0	16	4816.0
Download	2	Type 3	8.5	474.0	17	8058.0
Download	3	Type 3	6.7	385.0	16	6160.0
Download	4	Type 3	7.0	334.0	16	5344.0
Download	5	Type 3	7.5	259.0	17	4403.0
Download	6	Type 3	7.0	416.0	16	6656.0
Download	7	Type 3	8.7	283.0	17	4811.0
Download	8	Type 3	6.8	274.0	16	4384.0
Download	9	Type 3	10.0	329.0	18	5922.0
Download	10	Type 3	6.8	362.0	16	5792.0
Download	11	Type 3	6.1	371.0	16	5936.0
Download	12	Type 3	8.4	393.0	17	6681.0
Download	13	Type 3	9.4	372.0	18	6696.0
Download	14	Type 3	7.4	295.0	17	5015.0
Download	15	Type 3	7.8	278.0	17	4726.0
Download	16	Type 3	6.8	351.0	16	5616.0
Download	17	Type 3	8.8	234.0	18	4212.0
Download	18	Type 3	9.2	317.0	18	5706.0
Download	19	Type 3	8.6	245.0	17	4165.0
Download	20	Type 3	6.1	281.0	16	4496.0
Download	21	Type 3	8.9	484.0	18	8712.0
Download	22	Type 3	9.6	308.0	18	5544.0
Download	23	Type 3	9.2	225.0	18	4050.0
Download	24	Type 3	6.2	420.0	16	6720.0
Download	25	Type 3	8.1	464.0	17	7888.0
Download	26	Type 3	9.9	298.0	18	5364.0
Download	27	Type 3	8.4	327.0	17	5559.0
Download	28	Type 3	10.0	430.0	18	7740.0
Download	29	Type 3	8.6	346.0	17	5882.0

Type 4 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	11.4	257.0	12	3084.0
Download	1	Type 4	12.2	301.0	12	3612.0
Download	2	Type 4	16.7	474.0	15	7110.0
Download	3	Type 4	12.7	385.0	12	4620.0
Download	4	Type 4	13.4	334.0	13	4342.0
Download	5	Type 4	14.4	259.0	13	3367.0
Download	6	Type 4	13.2	416.0	13	5408.0
Download	7	Type 4	17.0	283.0	15	4245.0
Download	8	Type 4	12.9	274.0	13	3562.0
Download	9	Type 4	20.0	329.0	16	5264.0
Download	10	Type 4	12.8	362.0	13	4706.0
Download	11	Type 4	11.3	371.0	12	4452.0
Download	12	Type 4	16.4	393.0	14	5502.0
Download	13	Type 4	18.6	372.0	16	5952.0
Download	14	Type 4	14.2	295.0	13	3835.0
Download	15	Type 4	15.1	278.0	14	3892.0
Download	16	Type 4	12.8	351.0	13	4563.0
Download	17	Type 4	17.2	234.0	15	3510.0
Download	18	Type 4	18.2	317.0	15	4755.0
Download	19	Type 4	16.9	245.0	15	3675.0
Download	20	Type 4	11.2	281.0	12	3372.0
Download	21	Type 4	17.5	484.0	15	7260.0
Download	22	Type 4	19.0	308.0	16	4928.0
Download	23	Type 4	18.1	225.0	15	3375.0
Download	24	Type 4	11.5	420.0	12	5040.0
Download	25	Type 4	15.7	464.0	14	6496.0
Download	26	Type 4	19.7	298.0	16	4768.0
Download	27	Type 4	16.3	327.0	14	4578.0
Download	28	Type 4	19.9	430.0	16	6880.0
Download	29	Type 4	16.9	346.0	15	5190.0



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	5500.0	1	15	5496.6	1
1	5500.0	1	16	5498.2	1
2	5500.0	1	17	5496.6	1
3	5500.0	1	18	5497.8	1
4	5500.0	1	19	5494.2	1
5	5500.0	1	20	5502.2	1
6	5500.0	1	21	5505.0	1
7	5500.0	1	22	5502.6	1
8	5500.0	0	23	5505.8	1
9	5500.0	1	24	5501.0	1
10	5495.4	1	25	5505.8	1
11	5498.2	1	26	5504.6	1
12	5495.8	1	27	5503.0	0
13	5495.8	1	28	5505.8	1
14	5496.6	1	29	5505.0	1
Detection Percentage (%)					93.3%

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)	
111856.0	97.3	20	3	1258.0	1402.0	1760.0	
256282.0	89.0	20	3	1714.0	1106.0	1650.0	
402759.0	56.3	20	1	1434.0	-	-	
547283.0	68.2	20	2	1050.0	1091.0	-	
94544.0	52.4	20	1	1378.0	-	-	
239049.0	83.0	20	2	1225.0	1851.0	-	
383147.0	83.8	20	3	1534.0	1026.0	1565.0	
529329.0	71.6	20	2	1018.0	1229.0	-	
76686.0	52.0	20	1	1182.0	-	-	
221931.0	57.7	20	1	1146.0	-	-	
367092.0	63.0	20	1	1277.0	-	-	
509560.0	88.8	20	3	1030.0	1646.0	1804.0	
58610.0	68.5	20	2	1830.0	1250.0	-	
203369.0	66.7	20	2	1410.0	1707.0	-	
348165.0	75.3	20	2	1129.0	1932.0	-	
492998.0	75.9	20	2	1203.0	1789.0	-	
40604.0	91.6	20	3	1974.0	1958.0	1696.0	
185724.0	73.6	20	2	1004.0	1516.0	-	
329418.0	84.8	20	3	1911.0	1526.0	1275.0	
476129.0	50.2	20	1	1778.0	-	-	
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)	
25456.0	87.3	17	3	1336.0	1887.0	1211.0	
187009.0	58.2	17	1	1083.0	-	-	
346563.0	84.6	17	3	1798.0	1780.0	1080.0	
509871.0	53.4	17	1	1068.0	-	-	
5677.0	97.5	17	3	1555.0	1101.0	1228.0	
166956.0	52.8	17	1	1758.0	-	-	
328524.0	63.6	17	1	1137.0	-	-	
489044.0	78.7	17	2	1109.0	1240.0	-	
650768.0	52.1	17	1	1729.0	-	-	
147056.0	59.6	17	1	1923.0	-	-	
307184.0	94.2	17	3	1414.0	1428.0	1438.0	
469530.0	62.7	17	1	1879.0	-	-	
630706.0	52.6	17	1	1938.0	-	-	
127097.0	78.3	17	2	1323.0	1122.0	-	
287516.0	93.6	17	3	1014.0	1715.0	1273.0	
447740.0	83.8	17	3	1875.0	1356.0	1501.0	
609907.0	73.0	17	2	1949.0	1012.0	-	
107198.0	71.4	17	2	1170.0	1619.0	-	

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)	
538099.0	53.2	7	1	1420.0	-	-	
858752.0	96.0	7	3	1867.0	1929.0	1302.0	
1182202.0	87.4	7	3	1115.0	1021.0	1487.0	
175317.0	57.4	7	1	1124.0	-	-	
496916.0	95.7	7	3	1473.0	1730.0	1940.0	
820069.0	94.7	7	3	1048.0	1379.0	1053.0	
1144486.0	58.8	7	1	1286.0	-	-	
135475.0	50.8	7	1	1548.0	-	-	
457964.0	76.2	7	2	1108.0	1924.0	-	
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)	
585081.0	72.8	10	2	1459.0	1449.0	-	
826841.0	78.1	10	2	1587.0	1400.0	-	
71552.0	90.2	10	3	1728.0	1066.0	1355.0	
312858.0	87.0	10	3	1162.0	1935.0	1747.0	
556283.0	64.6	10	1	1130.0	-	-	
798420.0	63.7	10	1	1281.0	-	-	
41774.0	95.3	10	3	1999.0	1039.0	1773.0	
284026.0	58.5	10	1	1691.0	-	-	
524376.0	89.0	10	3	1628.0	1802.0	1621.0	
768570.0	54.4	10	1	1299.0	-	-	
12081.0	52.8	10	1	1660.0	-	-	
253879.0	70.8	10	2	1204.0	1755.0	-	
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)	
743636.0	99.7	5	3	1465.0	1595.0	1184.0	
1107739.0	69.4	5	2	1219.0	1220.0	-	
1471779.0	55.0	5	1	1589.0	-	-	
336669.0	69.5	5	2	1061.0	1025.0	-	
698997.0	92.4	5	3	1723.0	1032.0	1392.0	
1063830.0	63.5	5	1	1271.0	-	-	
1427111.0	50.2	5	1	1489.0	-	-	
291463.0	86.2	5	3	1762.0	1112.0	1554.0	

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)
325905.0	90.3	15	3	1632.0	1596.0	1702.0
507953.0	73.2	15	2	1943.0	1009.0	-
686886.0	91.5	15	3	1861.0	1617.0	1913.0
123469.0	52.9	15	1	1748.0	-	-
304462.0	70.2	15	2	1878.0	1052.0	-
486040.0	70.3	15	2	1245.0	1085.0	-
665171.0	88.9	15	3	1937.0	1133.0	1727.0
101102.0	62.8	15	1	1849.0	-	-
282036.0	79.9	15	2	1272.0	1944.0	-
464314.0	62.6	15	1	1346.0	-	-
643009.0	89.9	15	3	1686.0	1739.0	1256.0
78419.0	94.6	15	3	1444.0	1571.0	1994.0
259161.0	96.6	15	3	1671.0	1784.0	1385.0
440771.0	76.7	15	2	1539.0	1801.0	-
620874.0	90.9	15	3	1905.0	1123.0	1496.0
56449.0	50.6	15	1	1210.0	-	-
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)
237848.0	62.0	15	1	1858.0	-	-
418518.0	72.7	15	2	1931.0	1315.0	-
599897.0	79.6	15	2	1157.0	1756.0	-
33952.0	99.1	15	3	1478.0	1200.0	1338.0
215670.0	57.3	15	1	1259.0	-	-
396106.0	69.8	15	2	1799.0	1642.0	-
578483.0	54.5	15	1	1743.0	-	-
11679.0	79.4	15	2	1208.0	1948.0	-
192774.0	70.1	15	2	1859.0	1446.0	-
374775.0	50.5	15	1	1499.0	-	-
556167.0	53.6	15	1	1693.0	-	-
737037.0	76.6	15	2	1120.0	1199.0	-
170619.0	82.3	15	2	1424.0	1217.0	-
351142.0	88.0	15	3	1357.0	1339.0	1506.0
533618.0	53.3	15	1	1964.0	-	-
713690.0	81.1	15	2	1484.0	1892.0	-

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)	
182851.0	58.6	11	1	1544.0	-	-	
406297.0	64.6	11	1	1670.0	-	-	
627960.0	85.9	11	3	1624.0	1582.0	1107.0	
851442.0	99.7	11	3	1045.0	1333.0	1230.0	
154678.0	86.6	11	3	1987.0	1745.0	1631.0	
377851.0	87.2	11	3	1697.0	1430.0	1265.0	
601121.0	66.7	11	2	1772.0	1610.0	-	
822932.0	94.3	11	3	1912.0	1507.0	1351.0	
127649.0	74.9	11	2	1063.0	1503.0	-	
350975.0	82.4	11	2	1136.0	1238.0	-	
574179.0	78.6	11	2	1525.0	1003.0	-	
797138.0	76.4	11	2	1084.0	1793.0	-	
100257.0	64.5	11	1	1577.0	-	-	
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)	
526457.0	58.3	5	1	1530.0	-	-	
888770.0	74.2	5	2	1592.0	1811.0	-	
1252139.0	72.9	5	2	1600.0	1328.0	-	
118124.0	78.5	5	2	1868.0	1447.0	-	
481787.0	54.3	5	1	1232.0	-	-	
845070.0	57.4	5	1	1614.0	-	-	
1207019.0	69.6	5	2	1543.0	1877.0	-	
73316.0	84.0	5	3	1900.0	1803.0	1540.0	
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)	
349389.0	51.2	7	1	1740.0	-	-	
639538.0	78.9	7	2	1187.0	1429.0	-	
929882.0	70.4	7	2	1163.0	1529.0	-	
22962.0	68.7	7	2	1044.0	1440.0	-	
313665.0	62.1	7	1	1463.0	-	-	
603185.0	82.8	7	2	1809.0	1960.0	-	
893196.0	69.6	7	2	1925.0	1995.0	-	
1185580.0	66.6	7	1	1599.0	-	-	
277840.0	62.2	7	1	1547.0	-	-	
567452.0	80.6	7	2	1906.0	1855.0	-	

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)	
778994.0	92.0	9	3	1990.0	1110.0	1188.0	
1045281.0	59.3	9	1	1425.0	-	-	
220008.0	58.7	9	1	1535.0	-	-	
483128.0	86.0	9	3	1297.0	1313.0	1372.0	
747094.0	82.0	9	2	1694.0	1775.0	-	
1009257.0	90.8	9	3	1706.0	1724.0	1734.0	
186794.0	91.3	9	3	1885.0	1657.0	1883.0	
451662.0	64.1	9	1	1557.0	-	-	
715230.0	74.8	9	2	1001.0	1521.0	-	
979842.0	55.9	9	1	1807.0	-	-	
154413.0	85.3	9	3	1562.0	1946.0	1583.0	
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)	
254982.0	74.1	17	2	1996.0	1934.0	-	
415985.0	75.0	17	2	1552.0	1950.0	-	
575165.0	91.2	17	3	1654.0	1852.0	1903.0	
74597.0	78.1	17	2	1088.0	1524.0	-	
235934.0	64.8	17	1	1814.0	-	-	
397606.0	61.8	17	1	1103.0	-	-	
557791.0	76.4	17	2	1479.0	1095.0	-	
54758.0	80.8	17	2	1363.0	1276.0	-	
215003.0	98.1	17	3	1551.0	1989.0	1564.0	
376586.0	77.9	17	2	1819.0	1288.0	-	
537956.0	80.5	17	2	1492.0	1077.0	-	
34837.0	83.7	17	3	1073.0	1831.0	1298.0	
195504.0	97.2	17	3	1244.0	1658.0	1304.0	
357746.0	57.4	17	1	1278.0	-	-	
516371.0	85.7	17	3	1866.0	1284.0	1656.0	
15115.0	65.5	17	1	1166.0	-	-	
176039.0	80.9	17	2	1812.0	1165.0	-	
337130.0	74.5	17	2	1468.0	1263.0	-	

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)
749205.0	54.4	10	1	1467.0	-	-
987778.0	97.2	10	3	1511.0	1612.0	1973.0
234730.0	77.7	10	2	1383.0	1332.0	-
477366.0	62.6	10	1	1119.0	-	-
718999.0	51.8	10	1	1988.0	-	-
958562.0	86.7	10	3	1915.0	1640.0	1015.0
204893.0	67.1	10	2	1695.0	1234.0	-
447430.0	55.7	10	1	1331.0	-	-
688409.0	72.3	10	2	1936.0	1175.0	-
929504.0	92.2	10	3	1620.0	1148.0	1074.0
175217.0	82.2	10	2	1287.0	1007.0	-
416149.0	87.3	10	3	1376.0	1598.0	1816.0

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)
657168.0	90.3	10	3	1817.0	1607.0	1897.0
900393.0	82.7	10	2	1579.0	1545.0	-
145567.0	63.6	10	1	1226.0	-	-
386614.0	98.7	10	3	1151.0	1837.0	1296.0
628958.0	77.1	10	2	1593.0	1341.0	-
871689.0	53.9	10	1	1891.0	-	-
115470.0	79.3	10	2	1981.0	1488.0	-
356862.0	90.6	10	3	1792.0	1295.0	1212.0
598276.0	97.3	10	3	1495.0	1453.0	1476.0
840599.0	71.0	10	2	1963.0	1436.0	-
85595.0	93.2	10	3	1527.0	1406.0	1750.0
327040.0	85.9	10	3	1494.0	1585.0	1452.0

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)
488502.0	64.2	13	1	1713.0	-	-
696189.0	52.6	13	1	1445.0	-	-
48038.0	61.5	13	1	1201.0	-	-
254959.0	75.6	13	2	1787.0	1662.0	-
463159.0	61.6	13	1	1321.0	-	-
669272.0	78.6	13	2	1606.0	1566.0	-
22376.0	96.3	13	3	1485.0	1510.0	1700.0
229681.0	75.3	13	2	1387.0	1223.0	-
437447.0	60.3	13	1	1604.0	-	-
642521.0	89.7	13	3	1394.0	1834.0	1588.0
851121.0	70.4	13	2	1635.0	1290.0	-
204467.0	58.8	13	1	1294.0	-	-
411998.0	57.6	13	1	1377.0	-	-
619519.0	61.5	13	1	1416.0	-	-

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)
826190.0	73.1	13	2	1027.0	1289.0	-
178880.0	54.5	13	1	1386.0	-	-
386506.0	60.9	13	1	1214.0	-	-
593560.0	59.1	13	1	1986.0	-	-
799254.0	89.5	13	3	1262.0	1326.0	1222.0
152831.0	84.2	13	3	1568.0	1078.0	1442.0
359150.0	98.6	13	3	1955.0	1759.0	1735.0
568576.0	60.7	13	1	1138.0	-	-
773504.0	87.7	13	3	1147.0	1131.0	1815.0
127494.0	97.8	13	3	1029.0	1010.0	1060.0
334917.0	70.0	13	2	1141.0	1218.0	-
540518.0	98.6	13	3	1643.0	1616.0	1797.0
749519.0	80.3	13	2	1195.0	1189.0	-
102060.0	81.8	13	2	1064.0	1362.0	-

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)	
239538.0	86.2	18	3	1469.0	1423.0	1959.0	
399921.0	90.4	18	3	1677.0	1863.0	1523.0	
561938.0	77.2	18	2	1556.0	1668.0	-	
59301.0	83.4	18	3	1169.0	1785.0	1381.0	
220884.0	53.9	18	1	1486.0	-	-	
380672.0	91.8	18	3	1625.0	1316.0	1224.0	
541072.0	98.4	18	3	1427.0	1159.0	1918.0	
39526.0	99.2	18	3	1542.0	1105.0	1504.0	
200725.0	75.2	18	2	1116.0	1320.0	-	
360325.0	91.5	18	3	1558.0	1764.0	1862.0	
520906.0	94.2	18	3	1840.0	1246.0	1907.0	
19752.0	93.8	18	3	1248.0	1176.0	1117.0	
180448.0	96.0	18	3	1172.0	1132.0	1722.0	
342220.0	56.9	18	1	1967.0	-	-	
502503.0	77.0	18	2	1639.0	1553.0	-	
665516.0	50.6	18	1	1092.0	-	-	
161186.0	62.3	18	1	1825.0	-	-	
322657.0	54.8	18	1	1359.0	-	-	
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)	
620734.0	91.0	12	3	1407.0	1319.0	1181.0	
829837.0	65.6	12	1	1673.0	-	-	
181416.0	80.8	12	2	1983.0	1712.0	-	
388354.0	74.7	12	2	1842.0	1962.0	-	
595550.0	79.7	12	2	1961.0	1508.0	-	
801874.0	88.1	12	3	1257.0	1293.0	1683.0	
155965.0	81.5	12	2	1515.0	1930.0	-	
363728.0	58.9	12	1	1765.0	-	-	
569874.0	87.3	12	3	1093.0	1455.0	1180.0	
778922.0	53.5	12	1	1456.0	-	-	
130788.0	65.0	12	1	1311.0	-	-	
338239.0	63.7	12	1	1603.0	-	-	
545757.0	55.6	12	1	1567.0	-	-	
753733.0	63.1	12	1	1031.0	-	-	

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)	
86258.0	98.3	16	3	1701.0	1235.0	1348.0	
257532.0	64.4	16	1	1236.0	-	-	
425834.0	89.1	16	3	1721.0	1854.0	1933.0	
598320.0	70.0	16	2	1411.0	1013.0	-	
65586.0	62.4	16	1	1191.0	-	-	
235223.0	87.0	16	3	1439.0	1549.0	1998.0	
407451.0	54.8	16	1	1113.0	-	-	
577842.0	65.9	16	1	1769.0	-	-	
44537.0	63.1	16	1	1144.0	-	-	
215009.0	74.0	16	2	1079.0	1536.0	-	
385071.0	79.3	16	2	1898.0	1634.0	-	
556485.0	69.4	16	2	1062.0	1114.0	-	
23478.0	65.0	16	1	1317.0	-	-	
193494.0	95.8	16	3	1393.0	1441.0	1613.0	
363394.0	88.3	16	3	1047.0	1871.0	1953.0	
533183.0	91.7	16	3	1528.0	1970.0	1674.0	
2419.0	83.8	16	3	1810.0	1408.0	1164.0	
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)	
367931.0	87.0	5	3	1895.0	1042.0	1283.0	
730663.0	85.5	5	3	1269.0	1896.0	1140.0	
1095728.0	65.1	5	1	1143.0	-	-	
1458695.0	57.5	5	1	1710.0	-	-	
323810.0	64.7	5	1	1609.0	-	-	
687153.0	51.0	5	1	1749.0	-	-	
1050796.0	61.4	5	1	1364.0	-	-	
1414317.0	60.6	5	1	1306.0	-	-	

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)	
130580.0	89.1	16	3	1904.0	1040.0	1766.0	
302115.0	51.9	16	1	1261.0	-	-	
470651.0	95.0	16	3	1838.0	1033.0	1901.0	
643612.0	54.4	16	1	1578.0	-	-	
109608.0	94.9	16	3	1976.0	1065.0	1829.0	
279797.0	84.2	16	3	1684.0	1388.0	1368.0	
451967.0	61.5	16	1	1247.0	-	-	
619209.0	85.9	16	3	1839.0	1682.0	1860.0	
88932.0	81.0	16	2	1375.0	1390.0	-	
258820.0	95.5	16	3	1482.0	1152.0	1865.0	
429575.0	81.5	16	2	1881.0	1560.0	-	
599912.0	67.8	16	2	1627.0	1846.0	-	
68032.0	57.0	16	1	1679.0	-	-	
238016.0	88.3	16	3	1198.0	1690.0	1171.0	
408791.0	75.3	16	2	1451.0	1645.0	-	
580838.0	50.0	16	1	1155.0	-	-	
46847.0	75.1	16	2	1945.0	1942.0	-	
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)	
370527.0	52.5	7	1	1910.0	-	-	
661412.0	56.8	7	1	1347.0	-	-	
949949.0	95.5	7	3	1509.0	1505.0	1070.0	
44179.0	60.2	7	1	1403.0	-	-	
334440.0	73.1	7	2	1779.0	1186.0	-	
623999.0	85.7	7	3	1149.0	1941.0	1330.0	
915058.0	70.7	7	2	1823.0	1168.0	-	
8348.0	95.7	7	3	1818.0	1771.0	1227.0	
298591.0	69.7	7	2	1655.0	1664.0	-	
588708.0	78.1	7	2	1711.0	1845.0	-	

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)	
549186.0	78.2	16	2	1011.0	1369.0	-	
727922.0	90.5	16	3	1971.0	1718.0	1337.0	
164346.0	55.5	16	1	1757.0	-	-	
344320.0	83.6	16	3	1531.0	1705.0	1763.0	
527608.0	63.4	16	1	1307.0	-	-	
707532.0	77.6	16	2	1519.0	1537.0	-	
141983.0	59.3	16	1	1806.0	-	-	
322895.0	73.3	16	2	1340.0	1736.0	-	
503530.0	85.0	16	3	1821.0	1000.0	1022.0	
686207.0	59.8	16	1	1978.0	-	-	
119699.0	61.4	16	1	1380.0	-	-	
300657.0	68.2	16	2	1474.0	1413.0	-	
480731.0	89.8	16	3	1869.0	1342.0	1419.0	
662721.0	67.8	16	2	1687.0	1575.0	-	
96942.0	83.6	16	3	1917.0	1097.0	1389.0	
277746.0	84.0	16	3	1652.0	1417.0	1404.0	
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)	
921741.0	50.3	6	1	1433.0	-	-	
1285052.0	56.8	6	1	1594.0	-	-	
149844.0	73.8	6	2	1808.0	1908.0	-	
513009.0	76.7	6	2	1089.0	1843.0	-	
875342.0	98.7	6	3	1310.0	1563.0	1345.0	
1240123.0	60.2	6	1	1794.0	-	-	
105334.0	65.1	6	1	1006.0	-	-	
468262.0	82.5	6	2	1636.0	1371.0	-	

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)	
332629.0	62.2	20	1	1028.0	-	-	
474715.0	94.3	20	3	1343.0	1922.0	1753.0	
24197.0	66.0	20	1	1005.0	-	-	
169464.0	50.4	20	1	1035.0	-	-	
314510.0	66.0	20	1	1457.0	-	-	
459641.0	66.3	20	1	1502.0	-	-	
6281.0	74.3	20	2	1899.0	1127.0	-	
151383.0	58.8	20	1	1774.0	-	-	
295998.0	75.1	20	2	1396.0	1334.0	-	
441948.0	56.0	20	1	1249.0	-	-	
585162.0	83.3	20	2	1704.0	1586.0	-	
132951.0	95.4	20	3	1179.0	1308.0	1800.0	
278205.0	75.4	20	2	1160.0	1462.0	-	
423551.0	61.9	20	1	1969.0	-	-	
568419.0	68.0	20	2	1134.0	1017.0	-	
115155.0	90.3	20	3	1490.0	1118.0	1672.0	
259651.0	97.8	20	3	1314.0	1783.0	1150.0	
406205.0	65.0	20	1	1202.0	-	-	
547729.0	90.3	20	3	1350.0	1894.0	1979.0	
97495.0	90.2	20	3	1016.0	1322.0	1111.0	
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)	
608498.0	63.6	5	1	1094.0	-	-	
970028.0	84.3	5	3	1267.0	1832.0	1082.0	
1334129.0	67.0	5	2	1335.0	1366.0	-	
199959.0	77.6	5	2	1717.0	1090.0	-	
562972.0	76.7	5	2	1300.0	1782.0	-	
925112.0	89.1	5	3	1827.0	1167.0	1559.0	
1288074.0	85.4	5	3	1790.0	1412.0	1037.0	
155336.0	63.9	5	1	1791.0	-	-	

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)	
376658.0	71.8	9	2	1720.0	1251.0	-	
640096.0	93.1	9	3	1057.0	1098.0	1532.0	
903951.0	79.4	9	2	1872.0	1611.0	-	
80252.0	68.0	9	2	1591.0	1997.0	-	
344059.0	75.4	9	2	1426.0	1856.0	-	
607711.0	73.1	9	2	1777.0	1741.0	-	
872066.0	71.4	9	2	1153.0	1580.0	-	
47807.0	69.2	9	2	1365.0	1349.0	-	
312218.0	61.5	9	1	1008.0	-	-	
576445.0	58.8	9	1	1213.0	-	-	
840775.0	57.3	9	1	1156.0	-	-	
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)	
11206.0	68.7	14	2	1597.0	1309.0	-	
203971.0	85.6	14	3	1731.0	1848.0	1491.0	
398418.0	52.6	14	1	1761.0	-	-	
589928.0	93.1	14	3	1737.0	1513.0	1327.0	
782501.0	83.8	14	3	1241.0	1733.0	1951.0	
180291.0	84.5	14	3	1767.0	1036.0	1966.0	
373319.0	88.2	14	3	1292.0	1450.0	1689.0	
568101.0	58.6	14	1	1857.0	-	-	
759143.0	88.5	14	3	1608.0	1709.0	1194.0	
156735.0	88.8	14	3	1135.0	1399.0	1216.0	
349658.0	83.6	14	3	1841.0	1158.0	1190.0	
543243.0	79.0	14	2	1681.0	1663.0	-	
734679.0	83.7	14	3	1431.0	1916.0	1920.0	
133189.0	69.9	14	2	1279.0	1024.0	-	
326480.0	74.9	14	2	1233.0	1498.0	-	
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)	
975868.0	68.9	5	2	1374.0	1965.0	-	
1338450.0	77.9	5	2	1947.0	1844.0	-	
205159.0	77.2	5	2	1746.0	1754.0	-	
567726.0	88.5	5	3	1243.0	1680.0	1581.0	
931168.0	73.7	5	2	1576.0	1744.0	-	
1294865.0	76.9	5	2	1312.0	1192.0	-	
160445.0	81.0	5	2	1919.0	1648.0	-	
524127.0	60.3	5	1	1421.0	-	-	

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)	
708161.0	87.0	8	3	1889.0	1197.0	1264.0	
999661.0	82.1	8	2	1437.0	1096.0	-	
92581.0	76.7	8	2	1477.0	1522.0	-	
383219.0	65.3	8	1	1972.0	-	-	
673247.0	69.9	8	2	1850.0	1069.0	-	
965088.0	52.3	8	1	1041.0	-	-	
56781.0	90.5	8	3	1087.0	1550.0	1196.0	
346677.0	98.9	8	3	1968.0	1142.0	1458.0	
637285.0	78.7	8	2	1301.0	1992.0	-	
925608.0	88.9	8	3	1888.0	1884.0	1993.0	



Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
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	0
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
15	1	30	1
Detection Percentage (%)			96.7%



Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5274	5512	5346	5323	5694
5	5618	5708	5287	5348	5542
10	5282	5489	5291	5660	5625
15	5277	5444	5686	5536	5635
20	5396	5411	5713	5309	5557
25	5572	5670	5621	5477	5319
30	5496	5424	5710	5381	5671
35	5443	5520	5458	5524	5289
40	5637	5456	5668	5675	5640
45	5366	5697	5407	5586	5696
50	5624	5592	5700	5448	5455
55	5264	5484	5393	5385	5488
60	5693	5296	5583	5601	5336
65	5494	5559	5649	5478	5262
70	5680	5295	5642	5698	5464
75	5616	5368	5406	5473	5273
80	5526	5383	5412	5486	5623
85	5360	5622	5342	5386	5260
90	5374	5297	5648	5721	5466
95	5590	5410	5630	5567	5284

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5529	5276	5282	5484	5536
5	5660	5255	5362	5511	5719
10	5473	5643	5530	5389	5681
15	5713	5404	5547	5634	5253
20	5465	5352	5705	5445	5424
25	5398	5250	5361	5482	5381
30	5353	5533	5491	5520	5631
35	5316	5611	5438	5603	5720
40	5394	5433	5672	5569	5346
45	5305	5639	5583	5403	5314
50	5271	5302	5452	5679	5459
55	5347	5608	5338	5512	5427
60	5678	5537	5443	5595	5481
65	5273	5540	5290	5470	5683
70	5619	5432	5601	5328	5343
75	5510	5597	5600	5329	5367
80	5532	5469	5565	5429	5700
85	5375	5581	5442	5507	5392
90	5490	5590	5272	5391	5380
95	5546	5313	5505	5562	5586



Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5309	5515	5693	5645	5281
5	5324	5655	5437	5674	5451
10	5404	5432	5571	5584	5702
15	5326	5531	5553	5679	5445
20	5651	5631	5293	5319	5255
25	5711	5276	5601	5354	5545
30	5403	5371	5338	5568	5307
35	5689	5659	5722	5684	5386
40	5449	5442	5425	5332	5673
45	5669	5401	5388	5523	5692
50	5373	5279	5537	5694	5500
55	5569	5721	5640	5392	5298
60	5333	5476	5283	5344	5350
65	5624	5263	5691	5343	5459
70	5308	5468	5408	5560	5297
75	5463	5653	5578	5280	5342
80	5623	5599	5629	5467	5285
85	5542	5435	5456	5296	5284
90	5672	5398	5524	5375	5381
95	5407	5461	5444	5582	5608

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5564	5376	5629	5331	5598
5	5366	5677	5512	5362	5658
10	5713	5696	5612	5304	5723
15	5317	5656	5724	5637	5562
20	5700	5311	5325	5599	5707
25	5458	5579	5542	5260	5295
30	5308	5459	5509	5323	5338
35	5480	5539	5363	5378	5508
40	5270	5341	5288	5330	5306
45	5471	5484	5630	5589	5392
50	5568	5353	5346	5488	5695
55	5463	5703	5651	5570	5561
60	5523	5435	5621	5531	5287
65	5519	5266	5486	5699	5559
70	5532	5452	5404	5692	5464
75	5332	5481	5398	5490	5324
80	5250	5460	5501	5461	5257
85	5425	5462	5445	5439	5300
90	5316	5552	5569	5296	5278
95	5594	5613	5444	5683	5585

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5344	5615	5565	5492	5343
5	5408	5602	5587	5428	5487
10	5644	5485	5653	5499	5269
15	5405	5688	5284	5294	5354
20	5570	5391	5272	5400	5298
25	5390	5552	5435	5562	5613
30	5584	5721	5252	5523	5708
35	5707	5365	5429	5276	5692
40	5277	5591	5683	5581	5285
45	5259	5286	5651	5542	5323
50	5525	5506	5414	5321	5678
55	5593	5512	5541	5514	5275
60	5637	5628	5270	5483	5477
65	5516	5287	5290	5606	5258
70	5327	5700	5411	5544	5263
75	5478	5367	5540	5309	5660
80	5452	5280	5461	5675	5710
85	5361	5585	5289	5301	5305
90	5658	5527	5507	5495	5614
95	5502	5442	5517	5337	5443

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5502	5379	5501	5653	5660
5	5450	5624	5662	5591	5694
10	5478	5274	5316	5290	5493
15	5340	5387	5717	5546	5578
20	5557	5688	5392	5271	5278
25	5638	5288	5647	5626	5610
30	5684	5641	5385	5527	5504
35	5520	5547	5467	5531	5674
40	5621	5346	5282	5566	5644
45	5259	5600	5376	5412	5285
50	5590	5372	5292	5416	5359
55	5254	5632	5296	5711	5721
60	5291	5318	5690	5400	5559
65	5585	5714	5545	5565	5597
70	5605	5297	5608	5414	5393
75	5437	5582	5251	5510	5521
80	5561	5575	5441	5616	5440
85	5361	5395	5613	5262	5421
90	5302	5255	5553	5692	5513
95	5432	5399	5611	5556	5572

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5282	5618	5437	5717	5405
5	5589	5549	5262	5279	5426
10	5409	5635	5357	5317	5311
15	5581	5467	5490	5287	5360
20	5489	5626	5629	5481	5719
25	5544	5353	5366	5392	5681
30	5668	5596	5641	5381	5634
35	5250	5643	5708	5440	5620
40	5677	5370	5379	5559	5586
45	5495	5624	5342	5561	5332
50	5636	5291	5423	5478	5714
55	5303	5345	5486	5530	5595
60	5420	5483	5701	5505	5663
65	5300	5408	5466	5594	5417
70	5690	5396	5454	5371	5556
75	5599	5338	5685	5697	5683
80	5503	5358	5687	5613	5579
85	5384	5397	5597	5684	5326
90	5676	5382	5519	5281	5720
95	5573	5627	5494	5608	5304

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5537	5382	5373	5403	5722
5	5631	5571	5337	5442	5255
10	5340	5424	5398	5512	5332
15	5572	5594	5496	5552	5497
20	5317	5667	5473	5692	5432
25	5680	5569	5618	5485	5598
30	5596	5311	5545	5307	5324
35	5711	5298	5591	5306	5462
40	5400	5254	5276	5327	5604
45	5425	5619	5385	5564	5467
50	5474	5567	5625	5533	5540
55	5676	5349	5566	5549	5648
60	5580	5551	5527	5451	5609
65	5612	5617	5607	5284	5686
70	5538	5517	5469	5666	5355
75	5423	5394	5699	5590	5320
80	5478	5372	5407	5516	5421
85	5444	5589	5465	5260	5574
90	5399	5547	5525	5541	5257
95	5682	5506	5283	5712	5270

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5317	5621	5309	5564	5467
5	5673	5496	5412	5508	5462
10	5649	5688	5439	5707	5353
15	5660	5721	5599	5377	5269
20	5505	5386	5608	5562	5665
25	5320	5629	5675	5600	5652
30	5374	5555	5336	5560	5365
35	5349	5415	5507	5548	5602
40	5620	5545	5338	5494	5370
45	5256	5584	5677	5438	5354
50	5388	5643	5525	5656	5263
55	5569	5391	5537	5581	5622
60	5383	5450	5335	5561	5556
65	5342	5554	5489	5566	5520
70	5318	5642	5314	5295	5514
75	5270	5333	5259	5536	5352
80	5419	5360	5407	5306	5689
85	5250	5694	5712	5628	5437
90	5423	5366	5607	5262	5559
95	5404	5640	5340	5565	5501

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5475	5385	5720	5250	5309
5	5715	5518	5487	5671	5669
10	5580	5477	5480	5427	5374
15	5273	5276	5702	5325	5461
20	5513	5552	5549	5554	5638
25	5586	5481	5403	5326	5686
30	5416	5360	5512	5454	5712
35	5563	5488	5506	5400	5701
40	5516	5459	5259	5367	5660
45	5564	5591	5491	5716	5642
50	5344	5576	5270	5561	5434
55	5448	5581	5365	5508	5710
60	5503	5567	5690	5440	5633
65	5510	5592	5649	5446	5670
70	5304	5620	5521	5264	5634
75	5413	5542	5522	5443	5515
80	5700	5314	5349	5322	5419
85	5677	5467	5401	5298	5265
90	5498	5417	5402	5305	5378
95	5721	5317	5543	5399	5619



Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5255	5624	5656	5411	5529
5	5379	5443	5562	5359	5498
10	5511	5266	5521	5622	5395
15	5361	5403	5330	5370	5653
20	5424	5621	5587	5643	5611
25	5474	5430	5606	5720	5555
30	5724	5469	5669	5486	5383
35	5627	5597	5671	5298	5333
40	5689	5402	5364	5492	5544
45	5674	5696	5506	5518	5520
50	5384	5360	5296	5659	5382
55	5668	5512	5619	5386	5459
60	5531	5716	5473	5635	5623
65	5491	5497	5707	5279	5523
70	5299	5456	5292	5377	5517
75	5322	5519	5593	5641	5694
80	5271	5712	5567	5640	5408
85	5565	5487	5263	5372	5527
90	5297	5501	5546	5594	5375
95	5420	5410	5252	5648	5663

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5510	5388	5592	5572	5371
5	5421	5465	5637	5522	5705
10	5345	5627	5562	5720	5416
15	5352	5530	5433	5415	5370
20	5432	5312	5528	5635	5584
25	5265	5282	5334	5534	5279
30	5597	5613	5426	5409	5638
35	5581	5669	5688	5467	5629
40	5441	5612	5642	5361	5427
45	5393	5394	5696	5678	5545
50	5682	5335	5356	5486	5478
55	5353	5493	5358	5457	5451
60	5500	5332	5560	5408	5567
65	5691	5608	5276	5621	5723
70	5340	5473	5666	5580	5399
75	5602	5504	5551	5566	5552
80	5456	5440	5721	5700	5458
85	5490	5606	5270	5519	5435
90	5257	5646	5442	5447	5596
95	5280	5670	5480	5649	5684

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5290	5627	5528	5258	5591
5	5463	5390	5712	5588	5437
10	5276	5416	5603	5440	5657
15	5439	5363	5562	5381	5469
20	5724	5557	5628	5609	5537
25	5638	5313	5639	5599	5383
30	5624	5412	5401	5333	5263
35	5307	5355	5548	5499	5565
40	5407	5358	5253	5365	5715
45	5553	5658	5648	5300	5254
50	5634	5408	5626	5523	5310
55	5579	5675	5324	5622	5283
60	5326	5375	5454	5426	5403
65	5554	5617	5607	5251	5567
70	5449	5625	5549	5422	5485
75	5328	5676	5620	5600	5718
80	5529	5700	5453	5405	5474
85	5699	5292	5255	5274	5379
90	5707	5608	5297	5482	5592
95	5568	5362	5277	5504	5309

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5545	5391	5464	5419	5433
5	5602	5412	5312	5276	5266
10	5682	5680	5635	5458	5528
15	5309	5542	5408	5376	5351
20	5547	5507	5716	5530	5558
25	5643	5364	5347	5303	5488
30	5340	5267	5564	5599	5472
35	5492	5631	5460	5269	5387
40	5679	5503	5647	5355	5657
45	5448	5298	5606	5524	5476
50	5305	5723	5706	5473	5614
55	5264	5294	5494	5295	5688
60	5444	5590	5724	5321	5584
65	5403	5258	5673	5357	5311
70	5690	5254	5416	5425	5421
75	5316	5466	5483	5689	5589
80	5663	5715	5603	5714	5513
85	5597	5439	5275	5540	5453
90	5587	5280	5413	5717	5411
95	5537	5576	5341	5380	5702

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5703	5630	5400	5483	5653
5	5644	5434	5387	5439	5473
10	5516	5469	5307	5355	5479
15	5616	5339	5645	5453	5568
20	5359	5448	5330	5503	5410
25	5371	5468	5381	5345	5377
30	5297	5482	5338	5419	5611
35	5583	5427	5710	5280	5701
40	5287	5441	5315	5449	5586
45	5367	5531	5356	5659	5335
50	5652	5337	5529	5417	5327
55	5693	5484	5313	5308	5378
60	5389	5422	5550	5267	5407
65	5352	5578	5565	5635	5383
70	5676	5354	5265	5401	5543
75	5390	5662	5459	5447	5260
80	5324	5370	5376	5251	5712
85	5444	5506	5556	5476	5692
90	5704	5273	5277	5286	5350
95	5471	5351	5428	5592	5657

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5483	5394	5336	5644	5495
5	5686	5359	5462	5602	5680
10	5447	5258	5348	5550	5500
15	5607	5466	5273	5498	5285
20	5367	5307	5389	5322	5476
25	5670	5574	5572	5415	5387
30	5363	5254	5697	5490	5714
35	5653	5674	5698	5388	5669
40	5540	5370	5282	5555	5446
45	5418	5347	5614	5317	5712
50	5276	5353	5407	5523	5352
55	5264	5515	5647	5615	5437
60	5543	5334	5351	5376	5310
65	5608	5301	5300	5360	5341
70	5552	5662	5357	5589	5280
75	5502	5262	5505	5525	5512
80	5434	5626	5314	5612	5261
85	5506	5398	5536	5409	5272
90	5464	5471	5442	5292	5384
95	5256	5445	5641	5677	5586

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5263	5633	5272	5330	5715
5	5253	5381	5537	5668	5509
10	5281	5619	5389	5648	5521
15	5695	5593	5376	5446	5477
20	5278	5473	5427	5411	5449
25	5461	5686	5302	5676	5526
30	5252	5437	5264	5317	5290
35	5591	5541	5583	5476	5550
40	5320	5443	5347	5327	5697
45	5375	5487	5530	5529	5458
50	5612	5553	5683	5703	5504
55	5329	5586	5566	5708	5658
60	5299	5256	5431	5250	5607
65	5624	5457	5341	5706	5506
70	5289	5447	5407	5704	5474
75	5609	5456	5409	5337	5499
80	5615	5709	5712	5291	5298
85	5321	5613	5472	5462	5702
90	5625	5257	5656	5689	5592
95	5390	5505	5724	5285	5654

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5518	5397	5683	5491	5460
5	5392	5306	5612	5356	5716
10	5687	5408	5430	5368	5542
15	5308	5720	5382	5669	5286
20	5403	5422	5349	5538	5505
25	5402	5483	5568	5713	5643
30	5555	5513	5257	5456	5478
35	5387	5316	5594	5315	5633
40	5560	5440	5654	5307	5305
45	5433	5343	5374	5406	5705
50	5509	5701	5376	5530	5416
55	5458	5579	5623	5695	5398
60	5321	5490	5600	5677	5632
65	5674	5589	5342	5522	5318
70	5256	5665	5707	5420	5578
75	5450	5694	5487	5541	5557
80	5663	5393	5537	5606	5651
85	5312	5462	5696	5580	5285
90	5485	5489	5297	5401	5355
95	5581	5479	5282	5706	5630

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5676	5258	5619	5652	5302
5	5434	5328	5687	5519	5448
10	5618	5672	5471	5563	5396
15	5372	5485	5536	5386	5294
20	5708	5309	5492	5395	5615
25	5487	5611	5506	5517	5610
30	5602	5600	5295	5665	5455
35	5498	5569	5658	5469	5508
40	5629	5716	5571	5703	5437
45	5583	5388	5394	5299	5639
50	5282	5406	5560	5315	5674
55	5474	5604	5412	5442	5431
60	5349	5266	5322	5523	5623
65	5358	5528	5649	5317	5700
70	5390	5717	5514	5683	5379
75	5547	5570	5362	5468	5696
80	5667	5444	5460	5603	5371
85	5312	5496	5522	5413	5714
90	5462	5407	5292	5280	5593
95	5337	5690	5420	5461	5685

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5456	5497	5555	5338	5522
5	5476	5253	5287	5682	5655
10	5452	5461	5512	5283	5584
15	5387	5402	5588	5581	5578
20	5680	5302	5347	5484	5368
25	5503	5339	5610	5551	5652
30	5491	5557	5510	5439	5275
35	5637	5660	5454	5622	5422
40	5468	5324	5509	5531	5645
45	5471	5352	5526	5633	5582
50	5611	5501	5321	5695	5366
55	5639	5381	5308	5251	5349
60	5666	5656	5572	5564	5384
65	5684	5559	5703	5563	5363
70	5659	5419	5690	5408	5449
75	5473	5700	5624	5285	5600
80	5566	5435	5485	5508	5413
85	5668	5506	5507	5627	5326
90	5702	5392	5674	5426	5399
95	5523	5305	5383	5375	5693

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5711	5261	5491	5499	5364
5	5518	5275	5265	5370	5484
10	5383	5250	5553	5478	5605
15	5475	5529	5691	5295	5688
20	5468	5288	5573	5341	5294
25	5542	5714	5585	5316	5477
30	5514	5591	5473	5301	5276
35	5347	5397	5433	5307	5504
40	5447	5708	5528	5344	5625
45	5554	5510	5405	5412	5283
50	5662	5590	5698	5408	5320
55	5577	5458	5373	5418	5253
60	5558	5650	5612	5382	5521
65	5600	5479	5684	5631	5311
70	5663	5687	5538	5297	5388
75	5335	5551	5430	5315	5481
80	5313	5348	5597	5593	5277
85	5545	5700	5281	5719	5279
90	5705	5317	5419	5360	5422
95	5336	5627	5280	5324	5378

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5491	5500	5427	5563	5584
5	5657	5675	5340	5436	5691
10	5314	5611	5576	5626	5656
15	5319	5574	5696	5537	5704
20	5585	5615	5270	5440	5619
25	5358	5366	5471	5368	5365
30	5293	5367	5618	5550	5347
35	5718	5587	5385	5376	5525
40	5273	5605	5637	5568	5458
45	5678	5288	5459	5713	5679
50	5521	5596	5274	5292	5277
55	5722	5639	5583	5673	5390
60	5573	5558	5680	5470	5539
65	5426	5371	5487	5703	5297
70	5666	5439	5514	5256	5357
75	5597	5411	5502	5328	5262
80	5477	5497	5578	5593	5594
85	5508	5417	5721	5527	5482
90	5522	5304	5348	5644	5264
95	5697	5260	5254	5677	5398

Type 6 Radar Waveform_22						
Frequency List (MHz)	0	1	2	3	4	
0	5271	5264	5363	5724	5426	
5	5699	5697	5415	5599	5423	
10	5623	5400	5257	5296	5647	
15	5651	5308	5325	5619	5301	
20	5607	5703	5645	5654	5287	
25	5448	5467	5473	5544	5653	
30	5255	5428	5583	5517	5491	
35	5482	5555	5414	5261	5557	
40	5670	5701	5616	5522	5580	
45	5585	5720	5529	5511	5468	
50	5639	5635	5289	5293	5344	
55	5531	5309	5571	5693	5273	
60	5618	5399	5601	5406	5419	
65	5575	5258	5641	5290	5397	
70	5283	5669	5288	5490	5690	
75	5704	5478	5265	5392	5279	
80	5438	5518	5474	5494	5298	
85	5496	5533	5568	5512	5589	
90	5300	5723	5528	5331	5564	
95	5457	5692	5714	5357	5493	

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5429	5503	5299	5410	5646
5	5266	5622	5490	5287	5252
10	5554	5664	5298	5491	5668
15	5642	5435	5428	5567	5493
20	5615	5297	5683	5260	5336
25	5416	5579	5648	5687	5539
30	5716	5385	5323	5291	5311
35	5621	5307	5478	5272	5396
40	5278	5639	5381	5519	5509
45	5565	5328	5587	5564	5355
50	5515	5340	5382	5378	5497
55	5657	5672	5293	5422	5438
60	5660	5529	5700	5547	5704
65	5368	5514	5468	5436	5568
70	5469	5269	5294	5612	5466
75	5649	5673	5598	5408	5373
80	5531	5548	5708	5634	5399
85	5375	5678	5451	5543	5337
90	5534	5268	5446	5300	5329
95	5590	5596	5460	5588	5281

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5684	5267	5710	5571	5488
5	5308	5644	5565	5450	5459
10	5388	5453	5339	5686	5689
15	5255	5465	5531	5612	5685
20	5623	5463	5624	5260	5708
25	5699	5268	5307	5277	5721
30	5581	5605	5342	5538	5443
35	5606	5285	5262	5578	5631
40	5661	5458	5577	5621	5613
45	5438	5448	5411	5645	5617
50	5620	5294	5512	5391	5568
55	5368	5322	5611	5387	5587
60	5635	5551	5603	5493	5430
65	5317	5550	5300	5328	5371
70	5638	5352	5297	5461	5442
75	5608	5545	5718	5454	5451
80	5561	5555	5397	5697	5688
85	5399	5314	5591	5324	5422
90	5254	5266	5405	5540	5302
95	5706	5667	5313	5575	5563

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5464	5506	5646	5257	5708
5	5447	5569	5640	5516	5666
10	5319	5717	5380	5406	5710
15	5343	5592	5634	5657	5402
20	5534	5532	5565	5252	5681
25	5490	5692	5510	5381	5280
30	5623	5494	5299	5656	5329
35	5327	5353	5374	5309	5575
40	5541	5515	5289	5610	5270
45	5428	5606	5573	5507	5645
50	5688	5442	5644	5398	5577
55	5509	5583	5293	5550	5290
60	5449	5536	5631	5266	5586
65	5598	5552	5338	5397	5418
70	5470	5514	5363	5597	5432
75	5463	5671	5336	5561	5285
80	5485	5505	5302	5554	5387
85	5683	5472	5570	5546	5714
90	5588	5687	5334	5722	5297
95	5386	5457	5616	5705	5345

Type 6 Radar Waveform_26						
Frequency List (MHz)	0	1	2	3	4	
0	5719	5270	5582	5418	5550	
5	5489	5591	5715	5679	5495	
10	5250	5506	5421	5504	5256	
15	5431	5262	5702	5594	5542	
20	5698	5603	5341	5654	5378	
25	5544	5713	5692	5287	5480	
30	5396	5369	5624	5466	5444	
35	5645	5559	5586	5485	5453	
40	5529	5607	5674	5408	5577	
45	5664	5626	5297	5521	5389	
50	5493	5271	5588	5519	5670	
55	5712	5458	5597	5372	5482	
60	5454	5690	5525	5342	5490	
65	5355	5404	5324	5400	5537	
70	5429	5386	5643	5413	5306	
75	5592	5628	5348	5385	5700	
80	5680	5473	5614	5708	5255	
85	5259	5720	5284	5260	5649	
90	5273	5470	5699	5351	5302	
95	5436	5672	5339	5301	5442	

Type 6 Radar Waveform_27						
Frequency List (MHz)	0	1	2	3	4	
0	5402	5509	5518	5579	5295	
5	5531	5516	5315	5367	5702	
10	5559	5392	5462	5699	5277	
15	5422	5371	5268	5650	5311	
20	5550	5389	5544	5333	5627	
25	5644	5396	5441	5686	5251	
30	5329	5369	5688	5611	5618	
35	5347	5605	5535	5538	5712	
40	5500	5324	5391	5294	5604	
45	5506	5388	5660	5722	5679	
50	5659	5300	5565	5360	5312	
55	5435	5677	5473	5385	5451	
60	5366	5623	5537	5429	5673	
65	5428	5655	5639	5561	5552	
70	5285	5633	5476	5310	5386	
75	5273	5355	5394	5492	5319	
80	5373	5317	5508	5382	5420	
85	5680	5412	5577	5328	5695	
90	5493	5425	5685	5255	5465	
95	5357	5362	5657	5415	5654	

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5657	5273	5454	5265	5612
5	5573	5538	5390	5530	5434
10	5490	5656	5503	5419	5298
15	5510	5498	5371	5695	5461
20	5458	5485	5422	5600	5532
25	5345	5547	5315	5285	5355
30	5645	5351	5295	5642	5269
35	5723	5334	5414	5638	5412
40	5329	5534	5601	5435	5368
45	5268	5683	5257	5449	5651
50	5266	5595	5546	5513	5379
55	5330	5575	5716	5495	5313
60	5482	5261	5499	5374	5478
65	5588	5500	5384	5555	5436
70	5393	5710	5724	5347	5702
75	5626	5357	5375	5429	5629
80	5481	5571	5615	5583	5254
85	5637	5520	5563	5264	5302
90	5590	5661	5719	5442	5346
95	5652	5297	5403	5394	5391

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5437	5512	5390	5329	5357
5	5712	5463	5465	5596	5263
10	5421	5445	5641	5614	5319
15	5598	5528	5474	5265	5317
20	5469	5624	5523	5414	5573
25	5323	5672	5275	5419	5510
30	5719	5602	5544	5365	5311
35	5339	5605	5640	5328	5477
40	5495	5267	5677	5695	5364
45	5348	5351	5266	5310	5336
50	5527	5442	5646	5635	5701
55	5578	5284	5290	5535	5296
60	5478	5427	5665	5422	5417
65	5679	5537	5536	5594	5447
70	5714	5717	5379	5603	5559
75	5700	5306	5671	5271	5500
80	5356	5424	5539	5507	5645
85	5634	5376	5432	5486	5571
90	5600	5615	5431	5693	5514
95	5597	5280	5667	5656	5397



Product	AX1800 Wi-Fi 6 Range Extender	Temperature	27°C
Test Engineer	Kevin Ker	Relative Humidity	65%
Test Site	SR2	Test Date	2021/08/24
Test Item	Radar Statistical Performance Check (802.11ax-HE40 mode – 5510MHz) – Mode 3		

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency (MHz)	1=Detection, 0=No Detection			
		Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	1	0	1
1	5519	1	1	1	1
2	5494	1	1	1	1
3	5514	1	1	1	1
4	5496	1	1	1	0
5	5498	1	1	1	1
6	5517	1	1	1	1
7	5500	1	1	1	1
8	5522	1	1	1	1
9	5503	1	1	1	1
10	5524	1	1	1	1
11	5505	1	1	1	1
12	5507	1	1	1	1
13	5527	1	1	1	1
14	5510	1	1	1	1
15	5528	1	1	1	1
16	5513	1	1	1	1
17	5508	1	1	1	1
18	5515	0	1	1	1
19	5501	1	1	1	1
20	5518	1	1	1	1
21	5492	1	1	1	1
22	5520	1	1	1	1
23	5504	1	1	1	1
24	5523	1	1	1	1
25	5495	1	1	1	1
26	5526	1	1	1	1
27	5499	1	1	1	0
28	5511	1	1	1	1



29	5529	1	1	1	1
Probability:		96.7%	100.0%	96.7%	93.3%
Aggregate (Radar Types 1-4)		96.7% (>80%)			

Type 1 Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	3066.0	18	55188.0
Download	1	Type 1	1.0	758.0	70	53060.0
Download	2	Type 1	1.0	838.0	63	52794.0
Download	3	Type 1	1.0	678.0	78	52884.0
Download	4	Type 1	1.0	638.0	83	52954.0
Download	5	Type 1	1.0	518.0	102	52836.0
Download	6	Type 1	1.0	918.0	58	53244.0
Download	7	Type 1	1.0	898.0	59	52982.0
Download	8	Type 1	1.0	578.0	92	53176.0
Download	9	Type 1	1.0	658.0	81	53298.0
Download	10	Type 1	1.0	558.0	95	53010.0
Download	11	Type 1	1.0	738.0	72	53136.0
Download	12	Type 1	1.0	858.0	62	53196.0
Download	13	Type 1	1.0	878.0	61	53558.0
Download	14	Type 1	1.0	938.0	57	53466.0
Download	15	Type 1	1.0	1842.0	29	53418.0
Download	16	Type 1	1.0	1392.0	38	52896.0
Download	17	Type 1	1.0	1759.0	31	54529.0
Download	18	Type 1	1.0	2906.0	19	55214.0
Download	19	Type 1	1.0	1474.0	36	53064.0
Download	20	Type 1	1.0	1306.0	41	53546.0
Download	21	Type 1	1.0	1477.0	36	53172.0
Download	22	Type 1	1.0	2638.0	21	55398.0
Download	23	Type 1	1.0	815.0	65	52975.0
Download	24	Type 1	1.0	1610.0	33	53130.0
Download	25	Type 1	1.0	2597.0	21	54537.0
Download	26	Type 1	1.0	2678.0	20	53560.0
Download	27	Type 1	1.0	842.0	63	53046.0
Download	28	Type 1	1.0	2964.0	18	53352.0
Download	29	Type 1	1.0	1880.0	29	54520.0

Type 2 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.7	179.0	29	5191.0
Download	1	Type 2	2.0	197.0	24	4728.0
Download	2	Type 2	4.9	218.0	29	6322.0
Download	3	Type 2	2.2	162.0	25	4050.0
Download	4	Type 2	3.8	222.0	27	5994.0
Download	5	Type 2	1.9	182.0	24	4368.0
Download	6	Type 2	3.5	192.0	27	5184.0
Download	7	Type 2	3.8	230.0	27	6210.0
Download	8	Type 2	1.1	183.0	23	4209.0
Download	9	Type 2	3.7	221.0	27	5967.0
Download	10	Type 2	4.5	186.0	29	5394.0
Download	11	Type 2	3.4	215.0	27	5805.0
Download	12	Type 2	1.8	202.0	24	4648.0
Download	13	Type 2	3.1	223.0	26	5798.0
Download	14	Type 2	2.7	153.0	25	3825.0
Download	15	Type 2	1.0	205.0	23	4715.0
Download	16	Type 2	2.4	208.0	25	5200.0
Download	17	Type 2	4.5	156.0	29	4524.0
Download	18	Type 2	1.6	228.0	24	5472.0
Download	19	Type 2	1.3	224.0	23	5152.0
Download	20	Type 2	2.2	155.0	25	3875.0
Download	21	Type 2	3.5	164.0	27	4428.0
Download	22	Type 2	5.0	206.0	29	5974.0
Download	23	Type 2	1.1	229.0	23	5267.0
Download	24	Type 2	3.9	171.0	28	4788.0
Download	25	Type 2	4.2	163.0	28	4564.0
Download	26	Type 2	4.0	188.0	28	5264.0
Download	27	Type 2	4.0	195.0	28	5460.0
Download	28	Type 2	4.3	194.0	28	5432.0
Download	29	Type 2	4.7	159.0	29	4611.0

Type 3 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.7	252.0	18	4536.0
Download	1	Type 3	7.0	224.0	16	3584.0
Download	2	Type 3	9.9	206.0	18	3708.0
Download	3	Type 3	7.2	216.0	16	3456.0
Download	4	Type 3	8.8	441.0	18	7938.0
Download	5	Type 3	6.9	310.0	16	4960.0
Download	6	Type 3	8.5	221.0	17	3757.0
Download	7	Type 3	8.8	327.0	18	5886.0
Download	8	Type 3	6.1	448.0	16	7168.0
Download	9	Type 3	8.7	283.0	17	4811.0
Download	10	Type 3	9.5	335.0	18	6030.0
Download	11	Type 3	8.4	455.0	17	7735.0
Download	12	Type 3	6.8	291.0	16	4656.0
Download	13	Type 3	8.1	261.0	17	4437.0
Download	14	Type 3	7.7	439.0	17	7463.0
Download	15	Type 3	6.0	353.0	16	5648.0
Download	16	Type 3	7.4	288.0	17	4896.0
Download	17	Type 3	9.5	293.0	18	5274.0
Download	18	Type 3	6.6	364.0	16	5824.0
Download	19	Type 3	6.3	334.0	16	5344.0
Download	20	Type 3	7.2	267.0	16	4272.0
Download	21	Type 3	8.5	487.0	17	8279.0
Download	22	Type 3	10.0	250.0	18	4500.0
Download	23	Type 3	6.1	374.0	16	5984.0
Download	24	Type 3	8.9	232.0	18	4176.0
Download	25	Type 3	9.2	500.0	18	9000.0
Download	26	Type 3	9.0	386.0	18	6948.0
Download	27	Type 3	9.0	338.0	18	6084.0
Download	28	Type 3	9.3	480.0	18	8640.0
Download	29	Type 3	9.7	285.0	18	5130.0

Type 4 Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	19.3	252.0	16	4032.0
Download	1	Type 4	13.2	224.0	13	2912.0
Download	2	Type 4	19.8	206.0	16	3296.0
Download	3	Type 4	13.7	216.0	13	2808.0
Download	4	Type 4	17.2	441.0	15	6615.0
Download	5	Type 4	13.0	310.0	13	4030.0
Download	6	Type 4	16.5	221.0	15	3315.0
Download	7	Type 4	17.2	327.0	15	4905.0
Download	8	Type 4	11.3	448.0	12	5376.0
Download	9	Type 4	16.9	283.0	15	4245.0
Download	10	Type 4	18.8	335.0	16	5360.0
Download	11	Type 4	16.5	455.0	15	6825.0
Download	12	Type 4	12.9	291.0	13	3783.0
Download	13	Type 4	15.8	261.0	14	3654.0
Download	14	Type 4	14.7	439.0	14	6146.0
Download	15	Type 4	11.2	353.0	12	4236.0
Download	16	Type 4	14.1	288.0	13	3744.0
Download	17	Type 4	18.9	293.0	16	4688.0
Download	18	Type 4	12.4	364.0	12	4368.0
Download	19	Type 4	11.7	334.0	12	4008.0
Download	20	Type 4	13.7	267.0	13	3471.0
Download	21	Type 4	16.5	487.0	15	7305.0
Download	22	Type 4	19.9	250.0	16	4000.0
Download	23	Type 4	11.2	374.0	12	4488.0
Download	24	Type 4	17.6	232.0	15	3480.0
Download	25	Type 4	18.1	500.0	15	7500.0
Download	26	Type 4	17.7	386.0	15	5790.0
Download	27	Type 4	17.8	338.0	15	5070.0
Download	28	Type 4	18.5	480.0	16	7680.0
Download	29	Type 4	19.3	285.0	16	4560.0



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	5500	1	15	5496.6	1
1	5500	1	16	5498.2	1
2	5500	1	17	5496.6	1
3	5500	1	18	5497.8	1
4	5500	1	19	5494.2	1
5	5500	1	20	5502.2	1
6	5500	1	21	5505.0	1
7	5500	1	22	5502.6	1
8	5500	0	23	5505.8	1
9	5500	1	24	5501.0	1
10	5495.4	1	25	5505.8	1
11	5498.2	1	26	5504.6	1
12	5495.8	1	27	5503.0	0
13	5495.8	1	28	5505.8	1
14	5496.6	1	29	5505.0	1
Detection Percentage (%)					93.3%

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)
97128.0	95.7	19	3	1464.0	1272.0	1362.0
250534.0	62.2	19	1	1024.0	-	-
401814.0	98.5	19	3	1252.0	1215.0	1134.0
556289.0	65.3	19	1	1141.0	-	-
78297.0	84.2	19	3	1965.0	1692.0	1129.0
231368.0	61.0	19	1	1917.0	-	-
383443.0	80.6	19	2	1075.0	1887.0	-
534690.0	84.4	19	3	1973.0	1379.0	1033.0
59908.0	51.8	19	1	1246.0	-	-
212031.0	83.0	19	2	1937.0	1538.0	-
363399.0	93.0	19	3	1552.0	1591.0	2000.0
517526.0	80.3	19	2	1260.0	1212.0	-
41049.0	60.9	19	1	1686.0	-	-
193368.0	76.5	19	2	1752.0	1394.0	-
346105.0	70.9	19	2	1222.0	1340.0	-
499434.0	51.1	19	1	1587.0	-	-
22187.0	67.6	19	2	1867.0	1068.0	-
174248.0	93.5	19	3	1377.0	1738.0	1279.0
327779.0	57.8	19	1	1666.0	-	-
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)
830981.0	54.1	8	1	1652.0	-	-
5902.0	65.1	8	1	1845.0	-	-
269664.0	80.8	8	2	1878.0	1460.0	-
532765.0	99.4	8	3	1656.0	1890.0	1156.0
798792.0	51.3	8	1	1172.0	-	-
1060257.0	86.3	8	3	1074.0	1857.0	1143.0
236977.0	89.4	8	3	1139.0	1555.0	1545.0
500387.0	87.0	8	3	1330.0	1737.0	1480.0
763895.0	87.6	8	3	1875.0	1526.0	1102.0
1027287.0	91.4	8	3	1065.0	1821.0	1718.0
204442.0	95.8	8	3	1995.0	1358.0	1264.0

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)	
256630.0	86.0	20	3	1100.0	1953.0	1149.0	
402648.0	54.2	20	1	1947.0	-	-	
544892.0	84.0	20	3	1968.0	1636.0	1403.0	
94309.0	89.3	20	3	1312.0	1331.0	1703.0	
239978.0	65.4	20	1	1341.0	-	-	
383089.0	94.5	20	3	1138.0	1831.0	1609.0	
527371.0	95.5	20	3	1255.0	1669.0	1797.0	
76511.0	85.2	20	3	1257.0	1780.0	1333.0	
221472.0	68.6	20	2	1150.0	1865.0	-	
365918.0	73.2	20	2	1755.0	1817.0	-	
510070.0	98.0	20	3	1277.0	1413.0	1467.0	
58699.0	98.0	20	3	1484.0	1265.0	1800.0	
204270.0	50.5	20	1	1161.0	-	-	
347629.0	98.3	20	3	1227.0	1157.0	1996.0	
494509.0	57.6	20	1	1447.0	-	-	
41034.0	80.7	20	2	1589.0	1162.0	-	
186375.0	50.6	20	1	1180.0	-	-	
331691.0	66.6	20	1	1028.0	-	-	
475525.0	68.2	20	2	1406.0	1425.0	-	
23233.0	58.5	20	1	1683.0	-	-	
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)	
306444.0	60.9	9	1	1763.0	-	-	
569466.0	73.9	9	2	1929.0	1992.0	-	
832763.0	88.0	9	3	1109.0	1740.0	1505.0	
9748.0	76.7	9	2	1334.0	1101.0	-	
273266.0	94.4	9	3	1486.0	1769.0	1054.0	
538295.0	64.8	9	1	1286.0	-	-	
802446.0	62.9	9	1	1445.0	-	-	
1064586.0	97.1	9	3	1404.0	1049.0	1126.0	
241091.0	79.0	9	2	1152.0	1866.0	-	
504179.0	94.9	9	3	1667.0	1691.0	1298.0	
768914.0	74.1	9	2	1164.0	1674.0	-	

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)	
708340.0	93.1	15	3	1615.0	1061.0	1080.0	
142960.0	93.1	15	3	1635.0	1693.0	1072.0	
324872.0	56.0	15	1	1913.0	-	-	
504506.0	97.1	15	3	1287.0	1304.0	1982.0	
684796.0	88.7	15	3	1232.0	1933.0	1952.0	
120630.0	96.4	15	3	1930.0	1713.0	1103.0	
301922.0	71.6	15	2	1963.0	1438.0	-	
484475.0	61.1	15	1	1113.0	-	-	
663953.0	76.4	15	2	1542.0	1989.0	-	
98776.0	55.7	15	1	1638.0	-	-	
279543.0	82.4	15	2	1836.0	1765.0	-	
460741.0	74.9	15	2	1571.0	1749.0	-	
640123.0	84.6	15	3	1932.0	1678.0	1701.0	
76406.0	56.2	15	1	1773.0	-	-	
257462.0	67.2	15	2	1736.0	1235.0	-	
438493.0	80.2	15	2	1848.0	1373.0	-	
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)	
994322.0	51.0	8	1	1603.0	-	-	
86428.0	93.8	8	3	1391.0	1092.0	1137.0	
377196.0	55.6	8	1	1688.0	-	-	
666082.0	88.7	8	3	1760.0	1348.0	1706.0	
957430.0	70.3	8	2	1907.0	1059.0	-	
50695.0	69.3	8	2	1897.0	1522.0	-	
340908.0	82.8	8	2	1529.0	1876.0	-	
630409.0	84.9	8	3	1640.0	1155.0	1959.0	
922848.0	62.0	8	1	1436.0	-	-	
14976.0	66.3	8	1	1220.0	-	-	

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)	
203727.0	57.3	14	1	1148.0	-	-	
395641.0	95.0	14	3	1971.0	1557.0	1303.0	
590918.0	50.5	14	1	1556.0	-	-	
783514.0	81.6	14	2	1432.0	1194.0	-	
179363.0	98.5	14	3	1124.0	1121.0	1115.0	
373264.0	56.2	14	1	1884.0	-	-	
565462.0	73.8	14	2	1837.0	1977.0	-	
757525.0	99.2	14	3	1964.0	1281.0	1658.0	
155980.0	54.8	14	1	1231.0	-	-	
349708.0	54.9	14	1	1229.0	-	-	
541286.0	94.5	14	3	1543.0	1000.0	1844.0	
736567.0	51.2	14	1	1873.0	-	-	
131955.0	68.9	14	2	1034.0	1179.0	-	
324577.0	84.3	14	3	1244.0	1202.0	1891.0	
518302.0	79.1	14	2	1939.0	1243.0	-	
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)	
668744.0	55.5	16	1	1123.0	-	-	
101135.0	91.9	16	3	1546.0	1087.0	1132.0	
282966.0	52.8	16	1	1528.0	-	-	
463746.0	78.5	16	2	1169.0	1564.0	-	
643195.0	99.0	16	3	1835.0	1792.0	1177.0	
79128.0	53.3	16	1	1060.0	-	-	
260037.0	70.4	16	2	1567.0	1595.0	-	
441188.0	77.2	16	2	1983.0	1146.0	-	
620836.0	84.6	16	3	1838.0	1775.0	1306.0	
56744.0	61.8	16	1	1188.0	-	-	
238388.0	53.3	16	1	1081.0	-	-	
418968.0	73.3	16	2	1924.0	1041.0	-	
601341.0	56.1	16	1	1479.0	-	-	
34361.0	53.8	16	1	1454.0	-	-	
215222.0	73.8	16	2	1987.0	1841.0	-	
397169.0	60.2	16	1	1990.0	-	-	

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)	
1158139.0	71.2	5	2	1099.0	1627.0	-	
23979.0	85.0	5	3	1020.0	1732.0	1299.0	
387065.0	72.4	5	2	1305.0	1696.0	-	
748988.0	89.1	5	3	1976.0	1634.0	1679.0	
1112555.0	76.6	5	2	1969.0	1905.0	-	
1478203.0	60.6	5	1	1044.0	-	-	
342045.0	94.8	5	3	1747.0	1407.0	1154.0	
705964.0	57.2	5	1	1833.0	-	-	
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)	
532979.0	76.2	15	2	1657.0	1612.0	-	
715800.0	51.1	15	1	1475.0	-	-	
148122.0	85.4	15	3	1483.0	1915.0	1566.0	
330187.0	51.3	15	1	1861.0	-	-	
512177.0	62.2	15	1	1066.0	-	-	
689827.0	85.8	15	3	1981.0	1860.0	1533.0	
125858.0	99.9	15	3	1774.0	1871.0	1359.0	
307022.0	74.8	15	2	1925.0	1916.0	-	
488825.0	71.3	15	2	1052.0	1511.0	-	
670998.0	59.6	15	1	1563.0	-	-	
104130.0	64.8	15	1	1208.0	-	-	
284941.0	77.4	15	2	1709.0	1580.0	-	
466004.0	80.0	15	2	1940.0	1410.0	-	
648982.0	56.3	15	1	1167.0	-	-	
81730.0	63.1	15	1	1489.0	-	-	
263359.0	62.9	15	1	1228.0	-	-	

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)	
372481.0	86.9	18	3	1646.0	1386.0	1741.0	
525391.0	67.8	18	2	1827.0	1883.0	-	
49973.0	65.9	18	1	1525.0	-	-	
202235.0	69.7	18	2	1301.0	1919.0	-	
353511.0	95.2	18	3	1921.0	1560.0	1725.0	
507101.0	82.9	18	2	1173.0	1958.0	-	
31054.0	67.6	18	2	1997.0	1488.0	-	
183162.0	95.4	18	3	1128.0	1332.0	1793.0	
336131.0	81.1	18	2	1539.0	1175.0	-	
487403.0	94.7	18	3	1274.0	1190.0	1855.0	
12288.0	73.2	18	2	1650.0	1943.0	-	
165252.0	66.3	18	1	1084.0	-	-	
316197.0	96.6	18	3	1532.0	1962.0	1493.0	
469009.0	95.3	18	3	1248.0	1182.0	1427.0	
623166.0	52.5	18	1	1923.0	-	-	
145600.0	95.0	18	3	1872.0	1116.0	1611.0	
297649.0	97.2	18	3	1999.0	1163.0	1465.0	
449172.0	95.7	18	3	1806.0	1985.0	1578.0	
604860.0	52.3	18	1	1397.0	-	-	
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)	
160898.0	97.8	14	3	1510.0	1694.0	1647.0	
354648.0	67.9	14	2	1623.0	1201.0	-	
547775.0	69.0	14	2	1418.0	1717.0	-	
742740.0	64.9	14	1	1307.0	-	-	
137294.0	98.9	14	3	1449.0	1321.0	1209.0	
331398.0	62.0	14	1	1463.0	-	-	
524131.0	78.5	14	2	1757.0	1131.0	-	
718512.0	52.0	14	1	1715.0	-	-	
113505.0	96.6	14	3	1677.0	1181.0	1178.0	
306449.0	89.1	14	3	1354.0	1583.0	1365.0	
499727.0	96.4	14	3	1540.0	1022.0	1268.0	
693494.0	80.3	14	2	1498.0	1561.0	-	
90043.0	64.9	14	1	1226.0	-	-	
283103.0	71.8	14	2	1758.0	1347.0	-	
477546.0	59.5	14	1	1147.0	-	-	

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)
1006750.0	52.1	8	1	1945.0	-	-
99286.0	58.7	8	1	1644.0	-	-
389434.0	94.7	8	3	1082.0	1002.0	1070.0
679878.0	75.0	8	2	1086.0	1766.0	-
971061.0	62.1	8	1	1819.0	-	-
63317.0	93.3	8	3	1759.0	1396.0	1681.0
353309.0	83.6	8	3	1021.0	1944.0	1440.0
643103.0	90.1	8	3	1967.0	1607.0	1158.0
934289.0	70.3	8	2	1704.0	1368.0	-
27659.0	67.5	8	2	1204.0	1585.0	-

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)
227316.0	62.5	13	1	1398.0	-	-
432940.0	83.6	13	3	1568.0	1689.0	1920.0
641209.0	78.3	13	2	1803.0	1189.0	-
847585.0	76.1	13	2	1934.0	1846.0	-
201806.0	57.1	13	1	1165.0	-	-
408501.0	69.8	13	2	1547.0	1513.0	-
616032.0	80.3	13	2	1266.0	1254.0	-
821716.0	84.4	13	3	1863.0	1016.0	1290.0
176222.0	53.9	13	1	1223.0	-	-
383547.0	65.3	13	1	1808.0	-	-
588923.0	95.0	13	3	1813.0	1536.0	1455.0
797304.0	67.9	13	2	1653.0	1370.0	-
150602.0	52.9	13	1	1504.0	-	-
357473.0	67.1	13	2	1442.0	1613.0	-

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)	
609561.0	57.7	11	1	1001.0	-	-	
832754.0	66.6	11	1	1487.0	-	-	
134356.0	80.9	11	2	1978.0	1714.0	-	
357526.0	71.1	11	2	1805.0	1399.0	-	
581597.0	56.2	11	1	1663.0	-	-	
802460.0	84.7	11	3	1631.0	1993.0	1025.0	
107199.0	64.4	11	1	1038.0	-	-	
330553.0	58.3	11	1	1788.0	-	-	
552305.0	94.5	11	3	1470.0	1898.0	1230.0	
776121.0	87.0	11	3	1320.0	1004.0	1023.0	
79350.0	93.1	11	3	1931.0	1521.0	1097.0	
302304.0	93.8	11	3	1083.0	1089.0	1824.0	
526787.0	50.2	11	1	1237.0	-	-	
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)	
1218763.0	72.1	5	2	1322.0	1395.0	-	
84467.0	83.5	5	3	1842.0	1938.0	1602.0	
448140.0	59.0	5	1	1434.0	-	-	
811398.0	64.2	5	1	1786.0	-	-	
1174278.0	77.9	5	2	1378.0	1026.0	-	
39841.0	98.7	5	3	1604.0	1582.0	1278.0	
402645.0	97.4	5	3	1702.0	1300.0	1130.0	
765653.0	86.4	5	3	1063.0	1518.0	1136.0	

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)	
752207.0	78.5	10	2	1112.0	1576.0	-	
994792.0	50.1	10	1	1980.0	-	-	
238433.0	75.9	10	2	1949.0	1664.0	-	
479653.0	89.5	10	3	1811.0	1119.0	1586.0	
722011.0	69.2	10	2	1948.0	1295.0	-	
965236.0	66.1	10	1	1712.0	-	-	
208356.0	96.0	10	3	1794.0	1729.0	1570.0	
451129.0	61.0	10	1	1825.0	-	-	
693177.0	56.5	10	1	1885.0	-	-	
935327.0	64.5	10	1	1804.0	-	-	
178585.0	84.3	10	3	1422.0	2000.0	1942.0	
421520.0	55.8	10	1	1327.0	-	-	

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)	
417888.0	77.6	18	2	1596.0	1213.0	-	
570829.0	67.3	18	2	1011.0	1308.0	-	
93876.0	95.5	18	3	1088.0	1506.0	1785.0	
247261.0	62.4	18	1	1142.0	-	-	
399938.0	62.4	18	1	1494.0	-	-	
550997.0	83.8	18	3	1042.0	1035.0	1420.0	
75086.0	85.6	18	3	1922.0	1361.0	1534.0	
228158.0	53.1	18	1	1886.0	-	-	
380913.0	54.2	18	1	1828.0	-	-	
531380.0	89.1	18	3	1739.0	1250.0	1515.0	
56328.0	91.3	18	3	1957.0	1724.0	1520.0	
209245.0	83.0	18	2	1005.0	1185.0	-	
362332.0	63.3	18	1	1424.0	-	-	
513488.0	69.5	18	2	1777.0	1697.0	-	
37839.0	58.1	18	1	1471.0	-	-	
190583.0	50.8	18	1	1726.0	-	-	
341826.0	94.9	18	3	1974.0	1198.0	1335.0	
496225.0	51.0	18	1	1569.0	-	-	
18949.0	67.1	18	2	1856.0	1791.0	-	
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)	
326226.0	69.2	7	2	1874.0	1882.0	-	
617278.0	55.5	7	1	1960.0	-	-	
906873.0	80.7	7	2	1655.0	1581.0	-	
362.0	79.3	7	2	1110.0	1140.0	-	
290975.0	66.4	7	1	1754.0	-	-	
581847.0	54.9	7	1	1219.0	-	-	
871086.0	81.6	7	2	1624.0	1660.0	-	
1159665.0	87.1	7	3	1926.0	1822.0	1249.0	
255016.0	68.6	7	2	1296.0	1217.0	-	
545281.0	68.5	7	2	1225.0	1648.0	-	