RF MEASUREMENT REPORT

FCC ID:	HDC17600031F1
Applicant:	Adtran Inc.
Application Type:	Certification
Product:	WiFi 5 Mesh AP
Model No.:	831-t5
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Type of Device:	Master Device
Test Date:	September 02 ~ December 16, 2021

Reviewed By: Vincent Yu

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

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.

Revision History

Report No.	Version	Description	Issue Date	Note
2108RSU047-U5	Rev. 01	Initial Report	12-22-2021	Valid

CONTENTS

1. General Information

1.1. Applicant

Adtran Inc.

901 Explorer Blvd NW Huntsville, AL 35806, USA

1.2. Manufacturer

Adtran Inc.

901 Explorer Blvd NW Huntsville, AL 35806, USA

1.3. Testing Facility

☒	**Test Site – MRT Suzhou Laboratory**				
	Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China **Laboratory Location (Suzhou - SIP)** 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China				
	Laboratory Accreditations				
	A2LA: 3628.01		CNAS: L10551		
	FCC: CN1166		ISED: CN0001		
	VCCI:	☐R-20025	☐G-20034	☐C-20020	☐T-20020
		☐R-20141	☐G-20134	☐C-20103	☐T-20104
☐	**Test Site – MRT Shenzhen Laboratory**				
	Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China				
	Laboratory Accreditations				
	A2LA: 3628.02		CNAS: L10551		
	FCC: CN1284		ISED: CN0105		
☐	**Test Site – MRT Taiwan Laboratory**				
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)				
	Laboratory Accreditations				
	TAF: L3261-190725				
	FCC: 291082, TW3261		ISED: TW3261		

1.4. Product Information

Product Name	WiFi 5 Mesh AP
Model No.	831-t5
Serial No.	831t5A0719000010
Wi-Fi Specification	802.11a/b/g/n/ac, VHT
Antenna Information	Refer to section 1.7
Power Supply	AC/DC Adapter
Accessories	
Adapter	MODEL: S36B52-120A300-C4-6 INPUT: 100-240V~50/60Hz 1.0A OUTPUT: 12.0V DC, 3A, 36.0W
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification

Frequency Range	For 802.11a/n-HT20/ac-VHT20: 5260 ~ 5320MHz, 5500 ~ 5580MHz, 5660 ~ 5700MHz For 802.11n-HT40/ac-VHT40: 5270MHz, 5310MHz, 5510MHz, 5550MHz, 5670MHz For 802.11ac-VHT80: 5290MHz, 5530MHz
Modulation	802.11a/n/ac: OFDM
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733.2Mbps
Uniform Spreading (For DFS Frequency Band)	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

Note: For other features of this EUT, test report will be issued separately.

1.6. Working Frequencies

802.11a/n-HT20/ac-VHT20

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
132	5660 MHz	136	5680 MHz	140	5700 MHz

802.11n-HT40/ac-VHT40

Channel	Frequency	Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz	102	5510 MHz
110	5550 MHz	134	5670 MHz	--	--

802.11ac-VHT80

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	--	--

1.7. Antenna Details

Antenna Type	Frequency Band	T_X Paths	Max. Antenna Gain (dBi)	Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
					For Power	For PSD
PCB Antenna	2.4GHz Band	2	3.5	6.51	3.5	6.51
	5GHz Low Band	2	4.9	7.91	4.9	7.91
	5GHz High Band	4	5.5	11.52	5.5	11.52

Remark:

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 $N_{ANT} \leqslant 4$;
2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac and VHT, not include 802.11a/b/g. The conducted output power in the beamforming mode will be reduced below the conducted output power in the CDD mode by the amount in dB that the beamforming gain exceeds the maximum antenna gain.

2. Test Configuration

2.1. Test Mode

Mode 1: Operating under AP mode
Mode 2: Operating under Bridge mode

Note: This device only supports AP mode and Bridge mode that was declared by manufacturer.

2.2. Test Channel

Test Mode	Test Channel	Test Frequency
802.11ac-VHT20	60	5300 MHz
	100	5500 MHz
802.11ac-VHT40	62	5310 MHz
	102	5510 MHz
802.11ac-VHT80	58	5290 MHz
	106	5530 MHz

Note: Only the 802.11ac-VHT20 mode was evaluated for Bridge mode.

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

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

3.2. DFS Devices Requirements

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

(a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 ~ 5350 MHz and 5470 ~ 5725 MHz bands. DFS is not required in the 5150 ~ 5250 MHz or 5725 ~ 5825 MHz bands.

(b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.

(c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.

(d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).

(e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.

(f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.

(g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

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

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
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 ≥ 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	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\text{usec}}}\right)\right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 3-5: Parameters for Short Pulse Radar Waveforms

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

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

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

Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

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

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

3.5. Conducted Test Setup

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

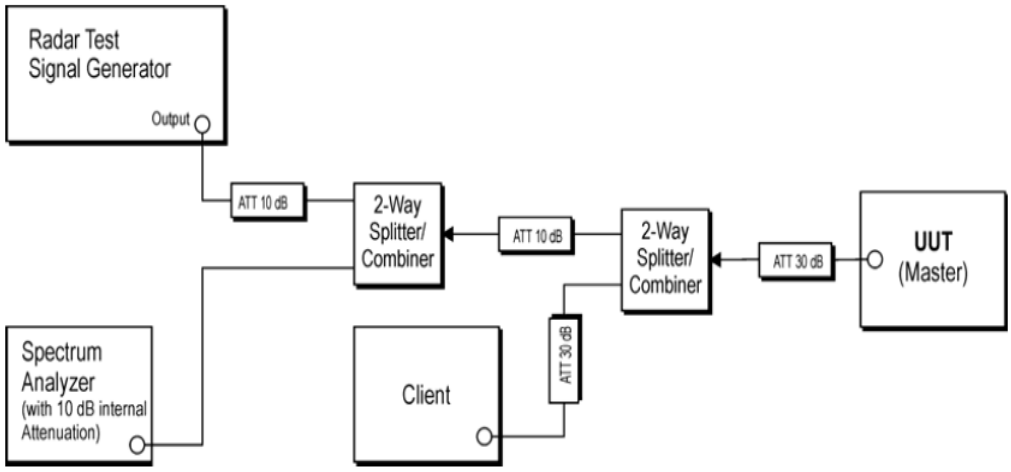


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

No.	Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
1	Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2022/4/13	WZ-SR4
2	Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2021/10/25	WZ-SR4
					1 year	2022/10/10	
3	Signal Generator	R&S	SMBV100A	MRTSUE06279	1 year	2022/4/13	WZ-SR4
4	Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	/	/	WZ-SR4
5	Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2022/6/24	WZ-SR4/WZ-SR6
6	Signal Generator	R&S	SMU200A	MRTSUE06490	1 year	2022/2/23	WZ-SR4/WZ-SR5/WZ-SR6
7	Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2022/6/24	WZ-SR4
8	Frequency extender for EXG or MXG	Keysight	N5182BX07	MRTSUE06984	1 year	2022/3/7	WZ-SR4

Software	Version	Manufacturer	Function
Pulse Building	N/A	Agilent	Radar Signal Generation Software
DFS Tool	V 6.9.2	Agilent	DFS Test Software
R&S Pulse Sequencer DFS	V 2.0	R&S	DFS Test Software
DFS Tool	V2.2.0.0	Keysight	DFS Test Software

5. Test Result

5.1. Summary

Parameter	Verdict	Reference
NII Detection Bandwidth Measurement	Pass	Section 5.3
Initial Channel Availability Check Time	Pass	Section 5.4
Radar Burst at the Beginning of the Channel Availability Check Time	Pass	Section 5.5
Radar Burst at the End of the Channel Availability Check Time	Pass	Section 5.6
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Pass	Section 5.7
Non-Occupancy Period	Pass	Section 5.7
Statistical Performance Check	Pass	Section 5.8

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.

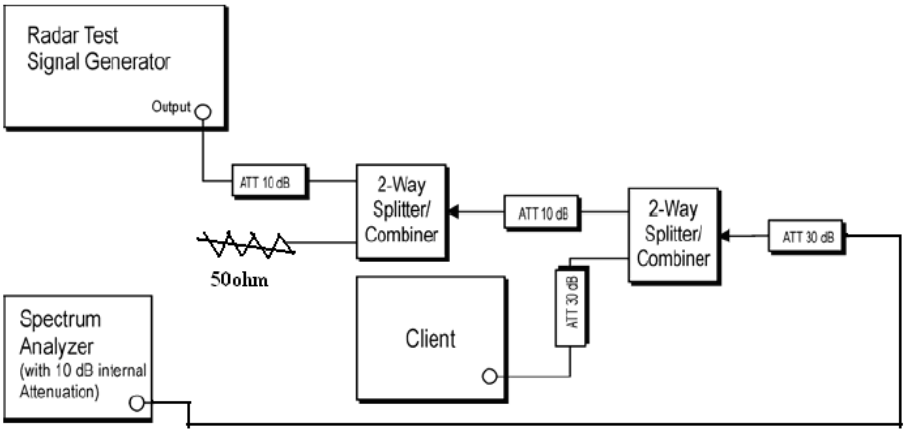


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

The Interference Radar Detection Threshold Level is (-64dBm) + (0) [dBi] + 1 dB= -63 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 (-64dBm) + (0) [dBi] + 1 dB= -63dBm. Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

5.2.3. Calibration & Channel Loading Result

Refer to Appendix A.1.

5.3. NII Detection Bandwidth Measurement

5.3.1. Test Limit

Minimum 100% of the NII 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-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

Refer to Appendix A.2.

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

Refer to Appendix A.3.

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

Refer to Appendix A.4.

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 thanT1 + 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

Refer to Appendix A.5.

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 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 X 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

Refer to Appendix A.6.

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%
Note: The percentage of successful detection is calculated by: (Total Waveform Detections / Total Waveform Trails) * 100 = 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

Refer to Appendix A.7.

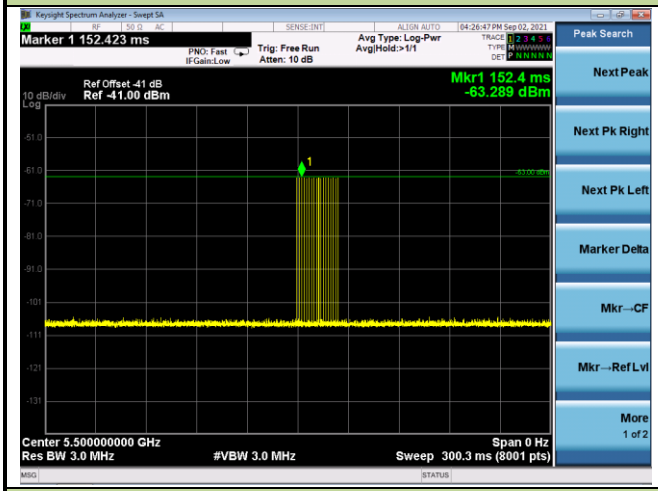
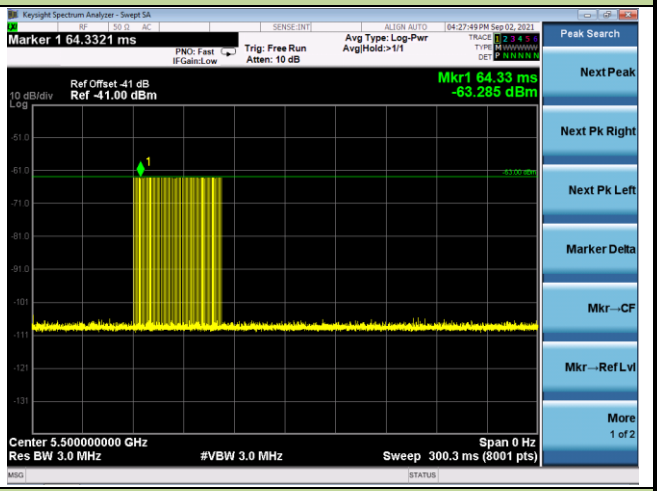
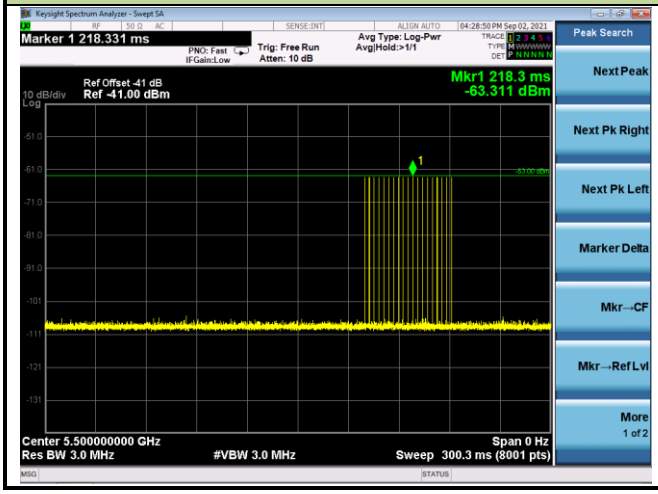
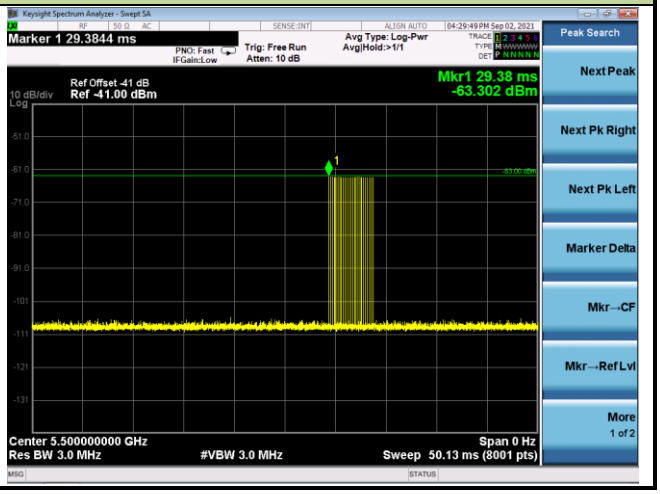
6. Conclusion

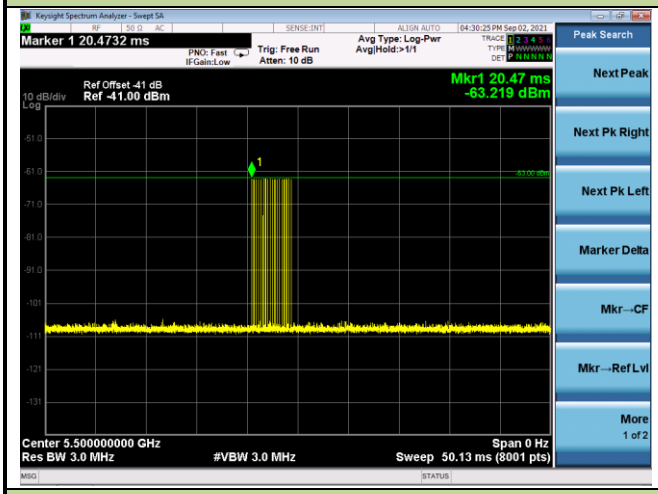
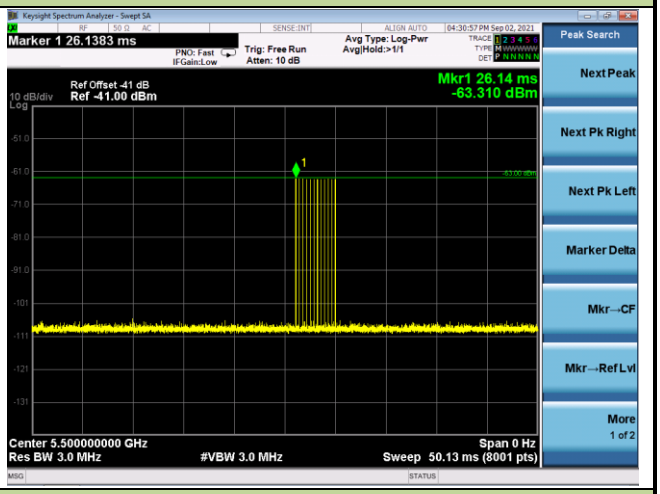
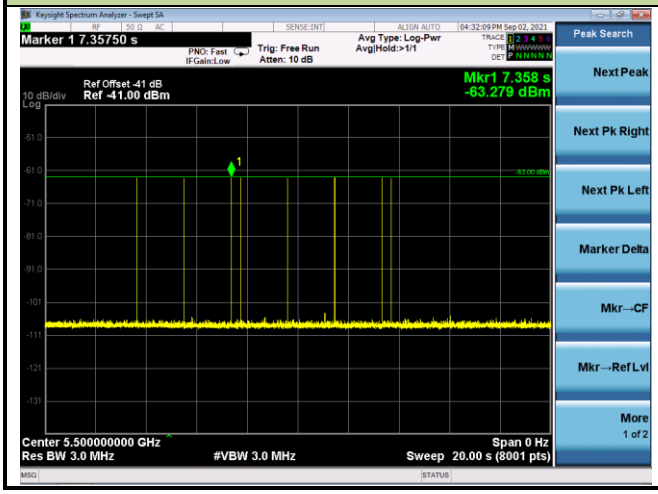
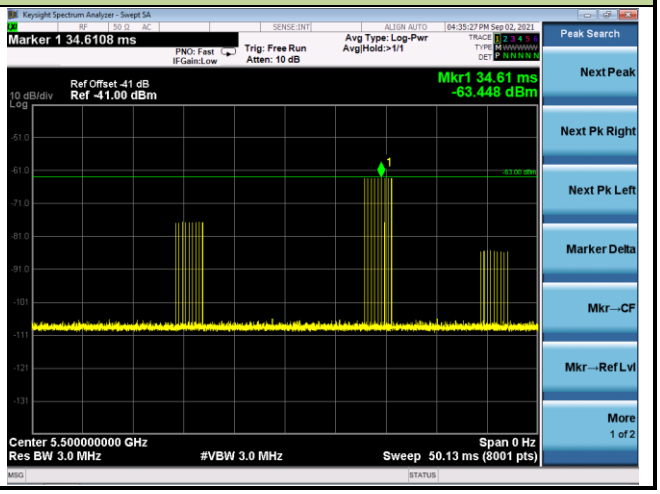
The data collected relate only the item(s) tested and show that the device is in compliance with FCC Rules.

Appendix A - Test Result

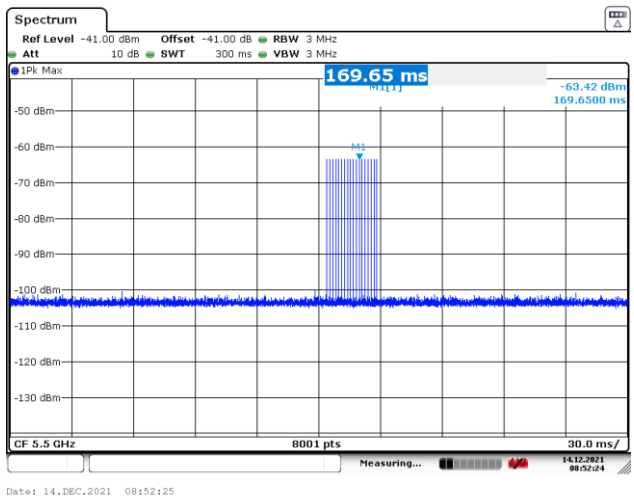
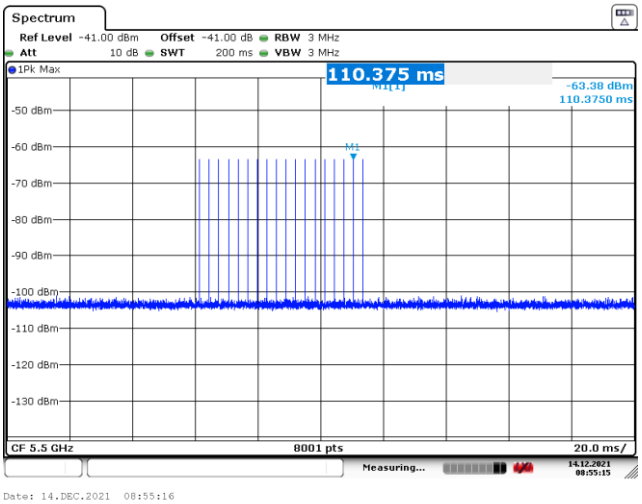
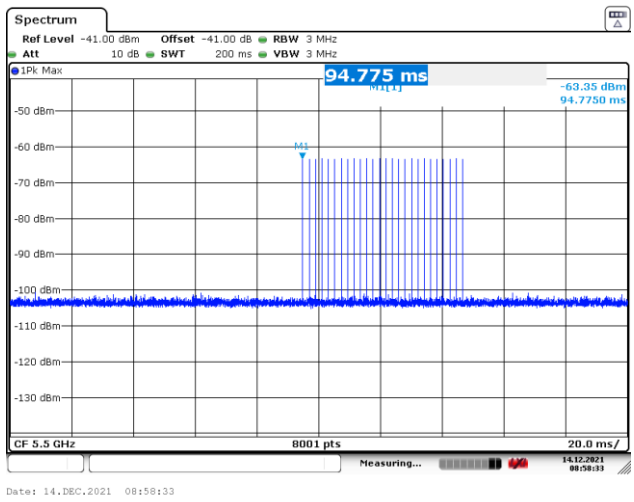
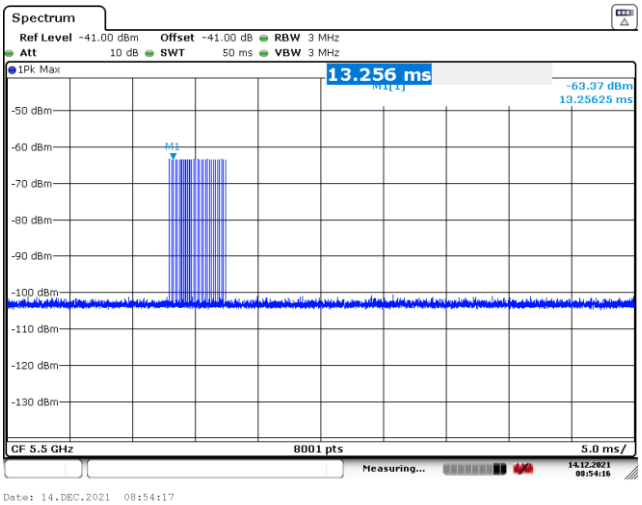
A.1 Calibration Test Result

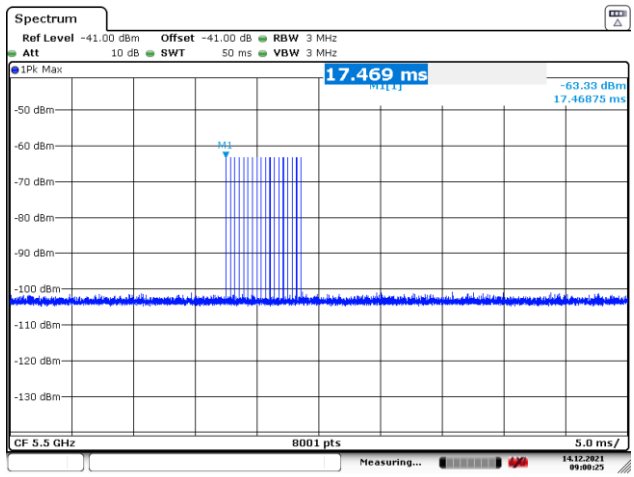
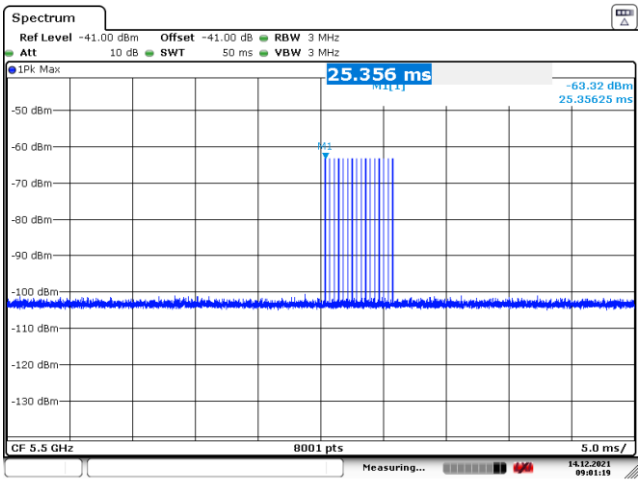
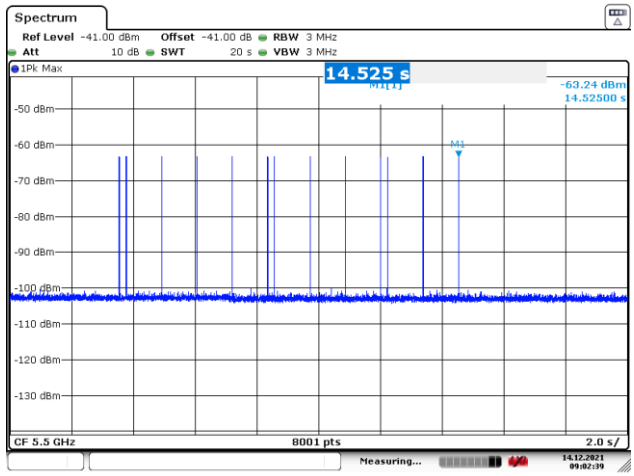
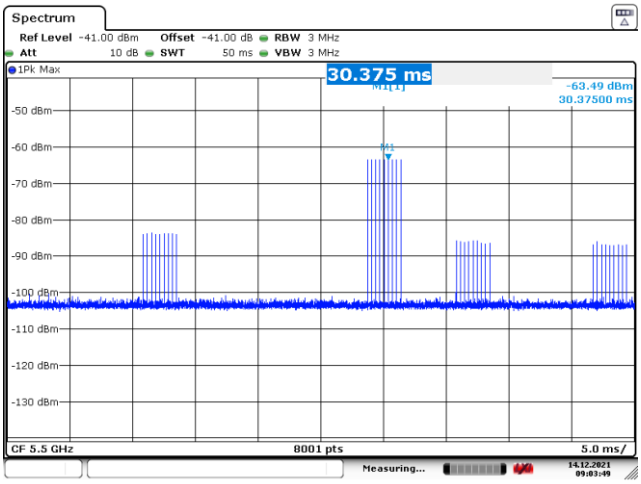
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/02	Test Item	Radar Waveform Calibration
Test Mode	Mode 1		

Radar Waveform Calibration	
Radar #0	Radar #1A
	
Radar #1B	Radar #2
	

Radar #3	Radar #4
	
Radar #5	**Radar #6**
	

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/12/14	Test Item	Radar Waveform Calibration
Test Mode	Mode 2		

Radar Waveform Calibration	
Radar #0	Radar #1A
	
Radar #1B	Radar #2
	

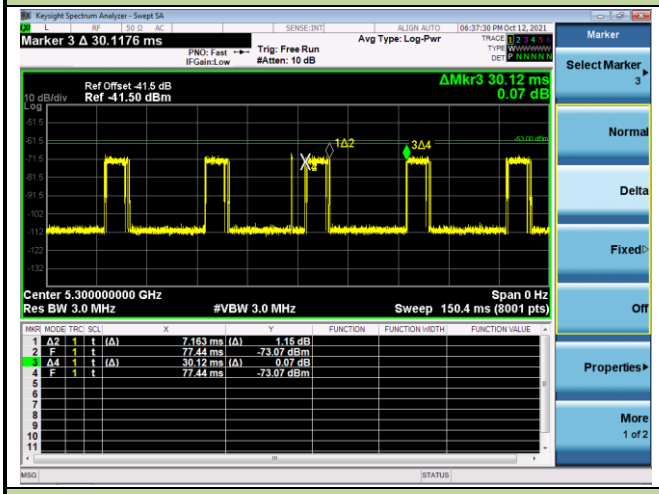
Radar #3	Radar #4
	
Radar #5	Radar #6
	

Channel Loading Test Result

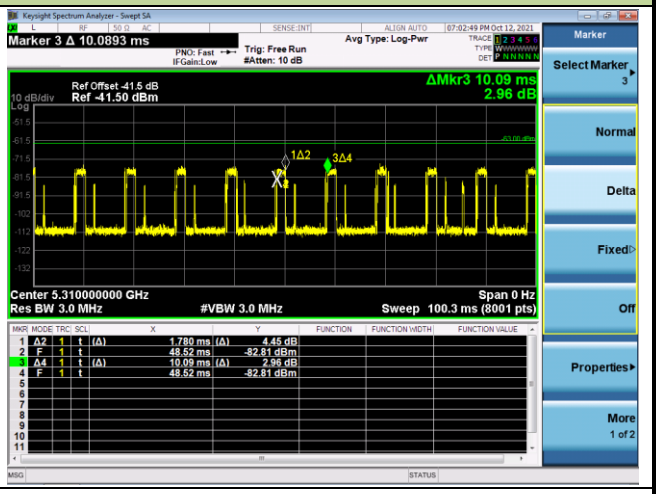
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/02 ~ 2021/10/12	Test Item	Channel Loading
Test Mode	Mode 1		

Channel Loading Plot

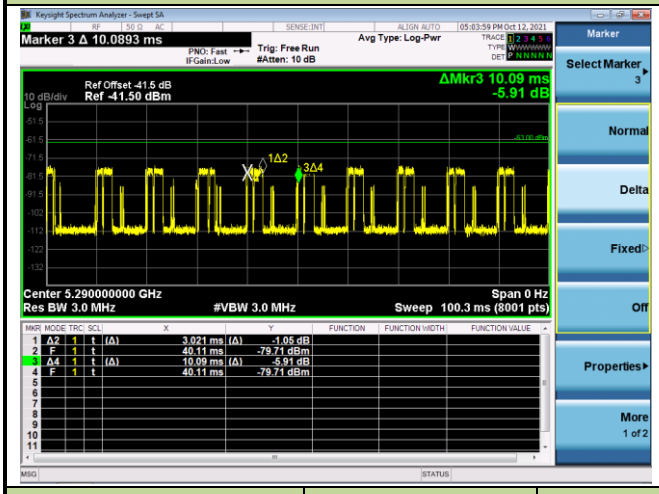
802.11ac-VHT20-5300MHz



802.11ac-VHT40-5310MHz

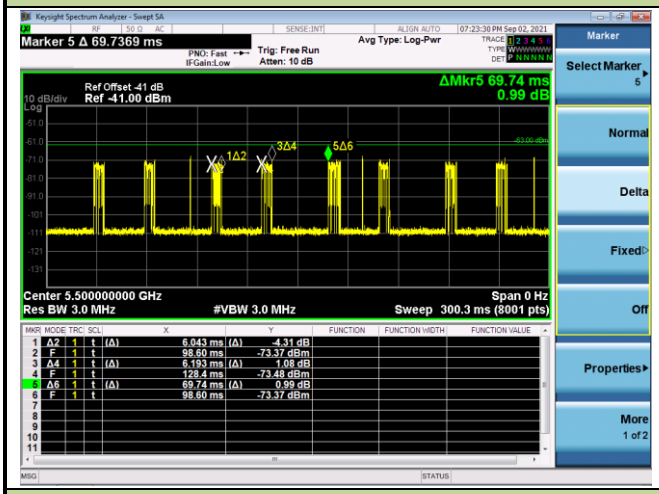
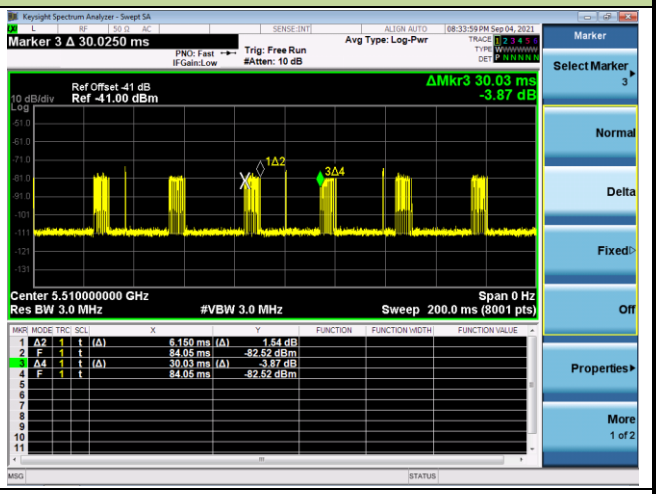
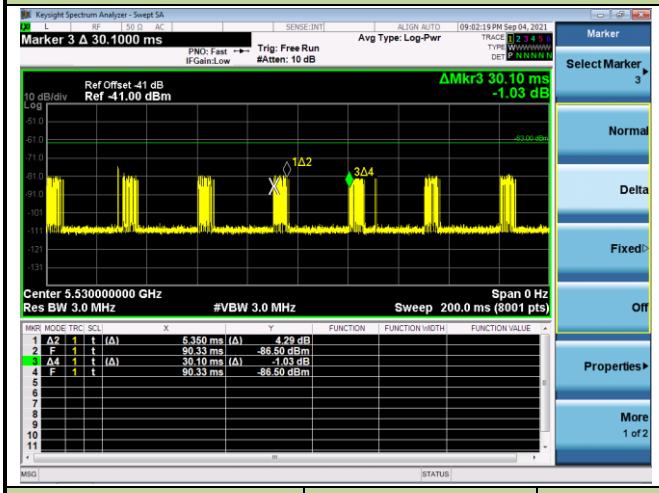


802.11ac-VHT80-5290MHz



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ac-VHT20	5300 MHz	23.78%	≥ 17%	Pass
802.11ac-VHT40	5310 MHz	17.64%	≥ 17%	Pass
802.11ac-VHT80	5290 MHz	29.94%	≥ 17%	Pass

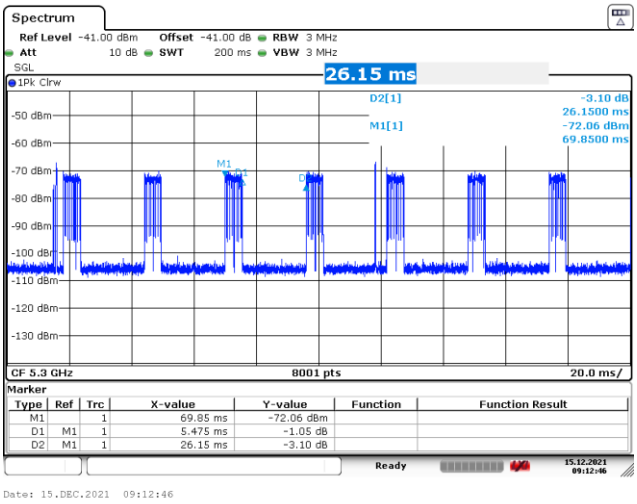
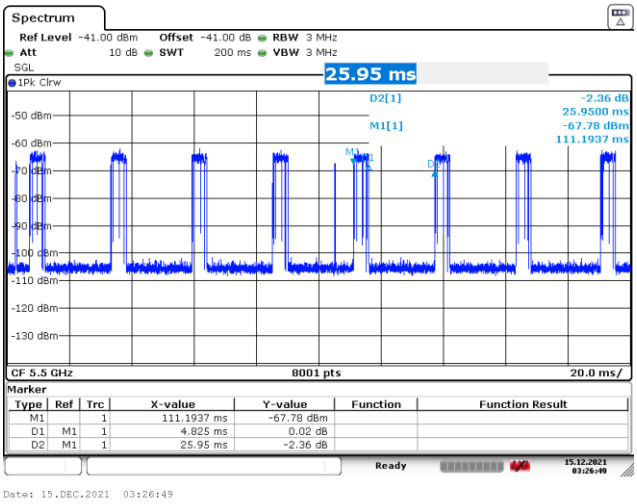
Note: System testing was performed with the designated iperf test file. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. Packet ratio = Time On/ (Time On + Off Time).

Channel Loading Plot	
802.11ac-VHT20-5500MHz	802.11ac-VHT40-5510MHz
	
802.11ac-VHT80-5530MHz	
	

Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ac-VHT20	5500 MHz	17.55%	≥ 17%	Pass
802.11ac-VHT40	5510 MHz	20.48%	≥ 17%	Pass
802.11ac-VHT80	5530 MHz	17.77%	≥ 17%	Pass

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

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/12/15	Test Item	Channel Loading
Test Mode	Mode 2		

Channel Loading Plot	
802.11ac-VHT20-5300MHz	802.11ac-VHT20-5500MHz
	

Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ac-VHT20	5300 MHz	20.94%	≥ 17%	Pass
802.11ac-VHT20	5500 MHz	18.59%	≥ 17%	Pass

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

A.2 NII Detection Bandwidth Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT20 mode – 5300MHz)		
Test Mode	Mode 1		

Radar Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5290	0	0	0	0	0	0	0	0	0	0	0%
5290.4 F_L	1	1	1	1	1	1	1	1	1	1	100%
5291	1	1	1	1	1	1	1	1	1	1	100%
5292	1	1	1	1	1	1	1	1	1	1	100%
5293	1	1	1	1	1	1	1	1	1	1	100%
5294	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5306	1	1	1	1	1	1	1	1	1	1	100%
5307	1	1	1	1	1	1	1	1	1	1	100%
5308	1	1	1	1	1	1	1	1	1	1	100%
5309	1	1	1	1	1	1	1	1	1	1	100%
5309.6 F_H	1	1	1	1	1	1	1	1	1	1	100%
5310	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 5300MHz. The 99% channel bandwidth is 17.54MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5309.6MHz – 5290.4MHz = 19.2MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.54MHz x 100% = 17.54MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT40 mode - 5310MHz)		
Test Mode	Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5290	0	0	0	0	0	0	0	0	0	0	0%
5291 F_L	1	1	1	1	1	1	1	1	1	1	100%
5292	1	1	1	1	1	1	1	1	1	1	100%
5293	1	1	1	1	1	1	1	1	1	1	100%
5294	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328	1	1	1	1	1	1	1	1	1	1	100%
5329 F_H	1	1	1	1	1	1	1	1	1	1	100%
5330	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 5310MHz. The 99% channel bandwidth is 35.97MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5329MHz - 5291MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 35.97MHz x 100% = 35.97MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT80 mode - 5290MHz)		
Test Mode	Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5250	0	0	0	0	0	0	0	0	0	0	0%
5251 F_L	1	1	1	1	1	1	1	1	1	1	100%
5252	1	1	1	1	1	1	1	1	1	1	100%
5253	1	1	1	1	1	1	1	1	1	1	100%
5254	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328	1	1	1	1	1	1	1	1	1	1	100%
5329 F_H	1	1	1	1	1	1	1	1	1	1	100%
5330	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 5290MHz. The 99% channel bandwidth is 75.00MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5329MHz - 5251MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.00MHz x 100% = 75.00MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT20 mode - 5500MHz)		
Test Mode	Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5490.4 F_L	1	1	1	1	1	1	1	1	1	1	100%
5491	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
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%
5509.6 F_H	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 17.61MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5509.6MHz – 5490.4MHz = 19.2MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.61MHz x 100% = 17.61MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT40 mode - 5510MHz)		
Test Mode	Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 F_L	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 F_H	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 36.08MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5529MHz - 5491MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 36.08MHz x 100% = 36.08MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Detection Bandwidth (802.11ac-VHT80 mode - 5530MHz)		
Test Mode	Mode 1		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 F_L	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 F_H	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 75.40MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5569MHz - 5491MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.40MHz x 100% = 75.40MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/12/16		
Test Item	Detection Bandwidth (802.11ac-VHT20 mode - 5300MHz)		
Test Mode	Mode 2		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5290	0	0	0	0	0	0	0	0	0	0	0%
5291 F_L	1	1	1	1	1	1	1	1	1	1	100%
5292	1	1	1	1	1	1	1	1	1	1	100%
5293	1	1	1	1	1	1	1	1	1	1	100%
5294	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5306	1	1	1	1	1	1	1	1	1	1	100%
5307	1	1	1	1	1	1	1	1	1	1	100%
5308	1	1	1	1	1	1	1	1	1	1	100%
5309 F_H	1	1	1	1	1	1	1	1	1	1	100%
5310	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 5300MHz. The 99% channel bandwidth is 17.54MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5309.6MHz – 5290.4MHz = 19.2MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.54MHz x 100% = 17.54MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/12/16		
Test Item	Detection Bandwidth (802.11ac-VHT20 mode - 5500MHz)		
Test Mode	Mode 2		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5490.4 F_L	1	1	1	1	1	1	1	1	1	1	100%
5491	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
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%
5509.6 F_H	1	1	1	1	1	1	1	1	1	1	100%
5510	0	0	0	0f	0	0	0	0	0	0	0%

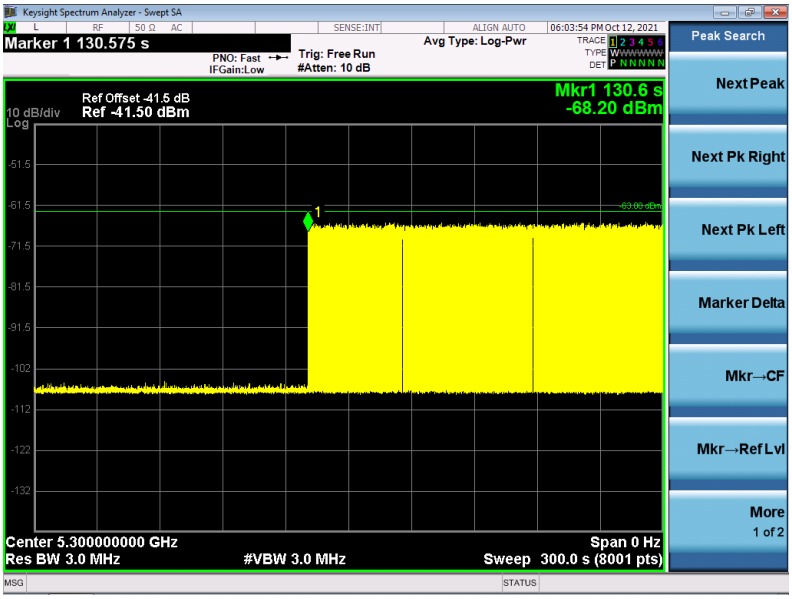
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 17.61MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5509.6MHz – 5490.4MHz = 19.2MHz.

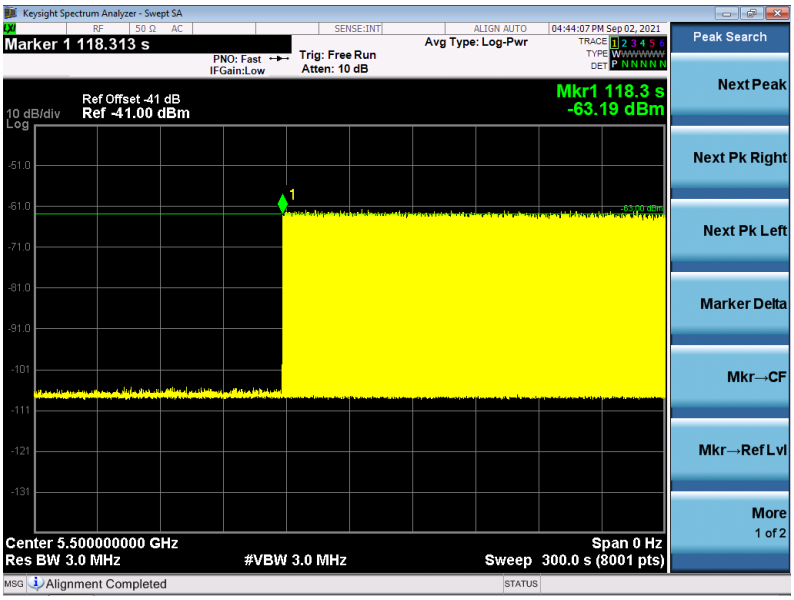
Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.61MHz x 100% = 17.61MHz.

A.3 Initial Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/12		
Test Item	Initial Channel Availability Check Time (802.11ac-VHT20 mode – 5300MHz)		
Test Mode	Mode 1		

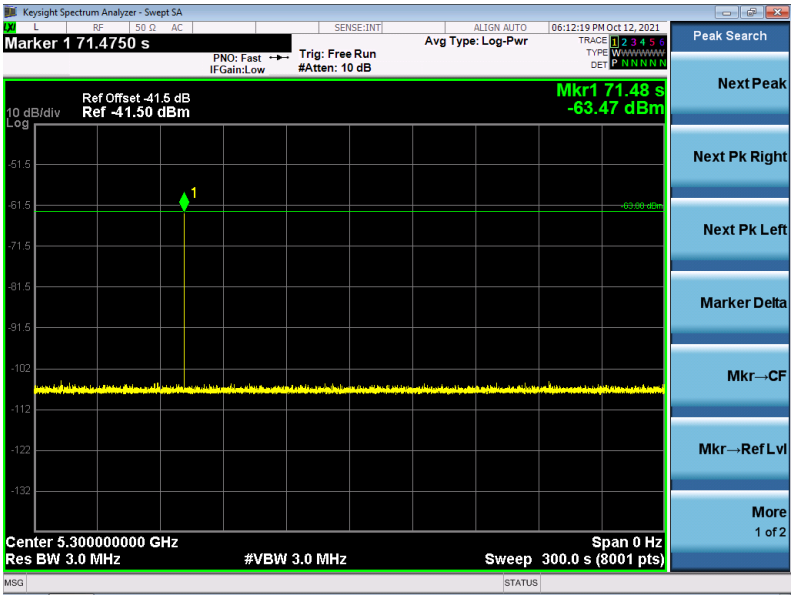
Initial Channel Availability Check Time

Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (70.60sec). Initial beacons/data transmissions are indicated by marker 1 (130.60sec).

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/02		
Test Item	Initial Channel Availability Check Time (802.11ac-VHT20 mode – 5500MHz)		
Test Mode	Mode 1		

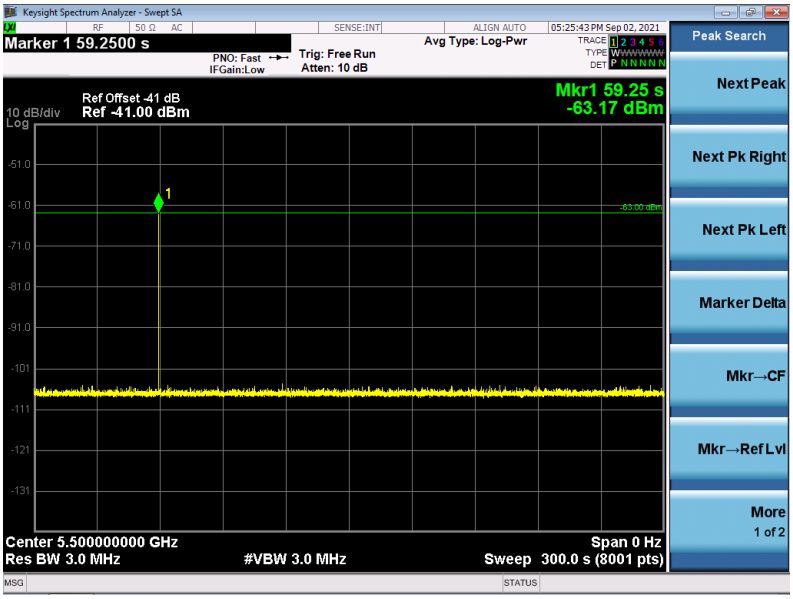
Initial Channel Availability Check Time

Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (58.30sec). Initial beacons/data transmissions are indicated by marker 1 (118.30sec).

A.4 Radar Burst at the Beginning of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/12		
Test Item	Beginning of the Channel Availability Check Time (802.11ac-VHT20 mode – 5300MHz)		
Test Mode	Mode 1		

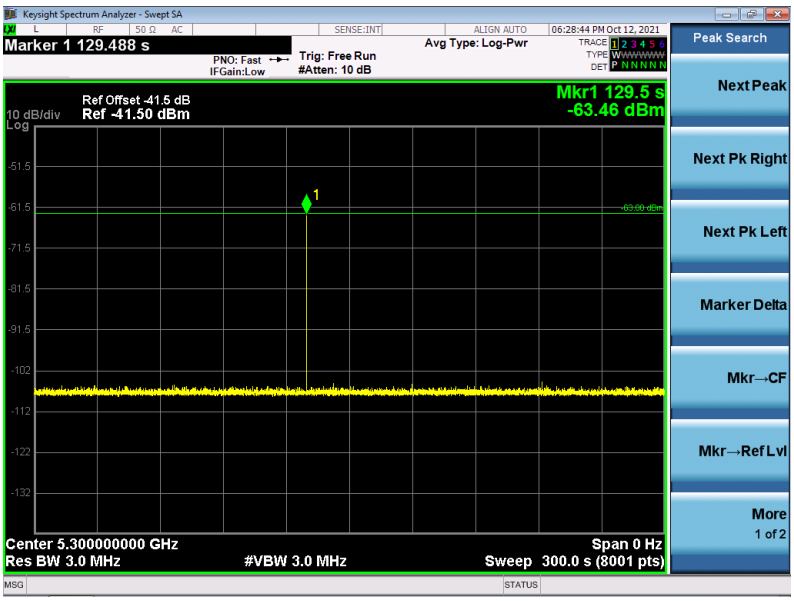
Beginning of the Channel Availability Check Time


Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/02		
Test Item	Beginning of the Channel Availability Check Time (802.11ac-VHT20 mode – 5500MHz)		
Test Mode	Mode 1		

Beginning of the Channel Availability Check Time


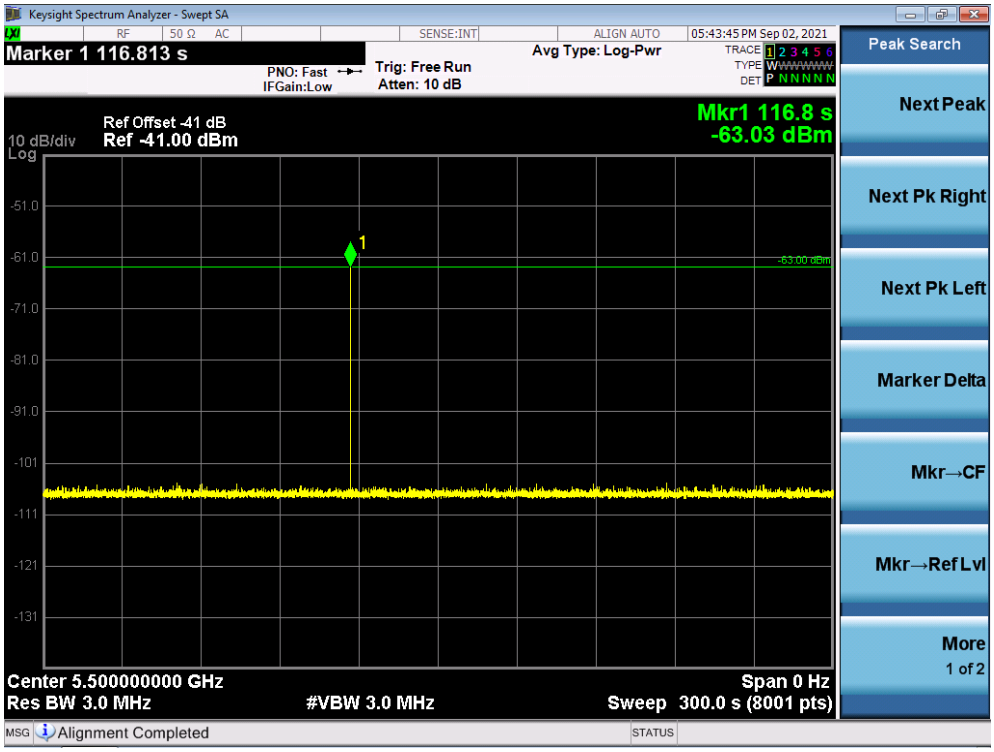
A.5 Radar Burst at the End of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/12		
Test Item	End of the Channel Availability Check Time (802.11ac-VHT20 mode – 5300MHz)		
Test Mode	Mode 1		

End of the Channel Availability Check Time


Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/02		
Test Item	End of the Channel Availability Check Time (802.11ac-VHT20 mode – 5500MHz)		
Test Mode	Mode 1		

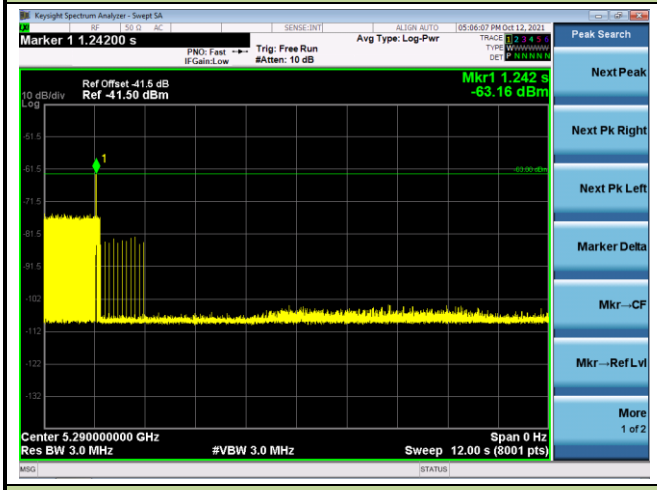
End of the Channel Availability Check Time

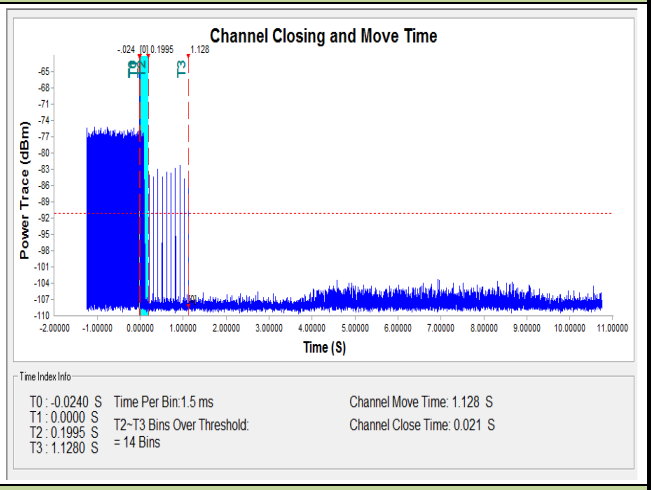


A.6 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

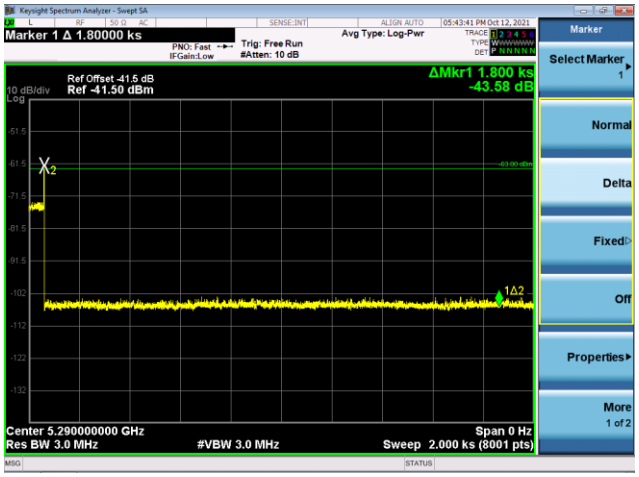
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/12		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ac-VH80 mode – 5290MHz)		
Test Mode	Mode 1		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period

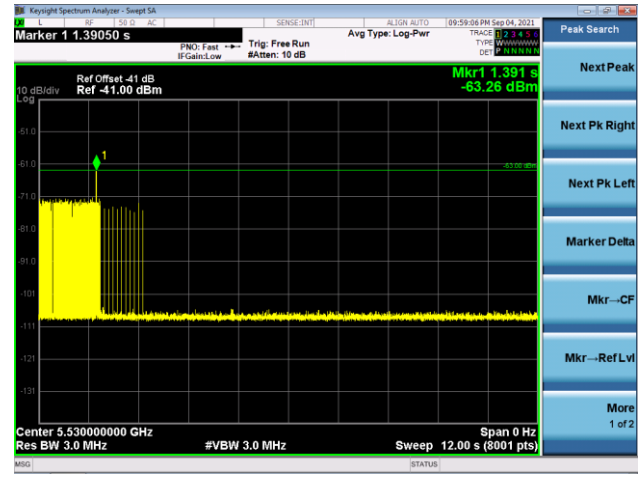


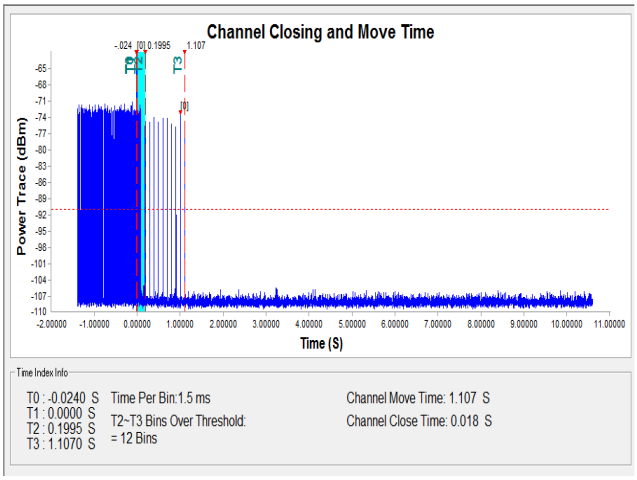
Parameter	Test Result	Limit
Channel Move Time (s)	1.128s	< 10s
Channel Closing Transmission Time (ms) (Note)	21ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

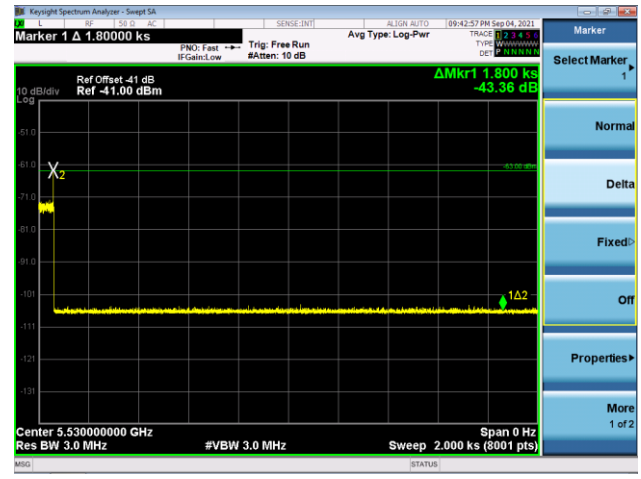
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/04		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ac-VH80 mode – 5530MHz)		
Test Mode	Mode 1		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	1.107s	< 10s
Channel Closing Transmission Time (ms) (Note)	18ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

A.7 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/29		
Test Item	Radar Statistical Performance Check (802.11ac-VHT20 mode – 5300MHz)		
Test Mode	Mode 1		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5290.4	1	16	5296	1
2	5297	1	17	5300	1
3	5304	1	18	5297	1
4	5297	1	19	5306	1
5	5302	1	20	5309	1
6	5298	1	21	5302	1
7	5295	1	22	5309	1
8	5308	1	23	5294	1
9	5301	1	24	5307	1
10	5296	1	25	5292	1
11	5298	1	26	5309	1
12	5299	1	27	5304	1
13	5302	1	28	5304	1
14	5301	1	29	5296	1
15	5303	1	30	5309.6	1
Detection Percentage (%)					100.0%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5290.4	1	16	5304	1
2	5305	1	17	5307	1
3	5306	1	18	5306	1
4	5300	1	19	5309	1
5	5295	1	20	5305	1
6	5303	1	21	5296	1
7	5291	1	22	5293	1
8	5304	1	23	5293	1
9	5291	1	24	5296	1
10	5302	1	25	5304	1
11	5300	1	26	5298	1
12	5301	1	27	5293	1
13	5293	0	28	5294	0
14	5297	1	29	5294	1
15	5292	0	30	5309.6	1
Detection Percentage (%)					90.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5290.4	1	16	5297	1
2	5299	1	17	5298	1
3	5304	1	18	5308	1
4	5291	1	19	5296	1
5	5305	0	20	5303	1
6	5294	1	21	5293	1
7	5296	1	22	5309	1
8	5295	1	23	5294	0
9	5296	1	24	5298	1
10	5300	1	25	5305	1
11	5302	1	26	5303	1
12	5307	1	27	5295	1
13	5293	1	28	5300	1
14	5306	1	29	5291	1
15	5303	1	30	5309.6	1
Detection Percentage (%)					93.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5290.4	1	16	5308	1
2	5301	1	17	5307	1
3	5303	1	18	5304	1
4	5302	1	19	5309	1
5	5304	1	20	5307	1
6	5295	1	21	5298	1
7	5301	1	22	5303	1
8	5309	0	23	5292	1
9	5293	1	24	5308	1
10	5308	1	25	5293	1
11	5308	1	26	5299	1
12	5294	1	27	5306	1
13	5307	1	28	5301	1
14	5308	1	29	5302	1
15	5307	1	30	5309.6	1
Detection Percentage (%)					96.7%

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%+90.0%+93.3%+96.7%)/4 = 95% (>80%)

Type 1 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	538.0	99	53262.0
Download	1	Type 1	1.0	818.0	65	53170.0
Download	2	Type 1	1.0	758.0	70	53060.0
Download	3	Type 1	1.0	578.0	92	53176.0
Download	4	Type 1	1.0	738.0	72	53136.0
Download	5	Type 1	1.0	838.0	63	52794.0
Download	6	Type 1	1.0	698.0	76	53048.0
Download	7	Type 1	1.0	3066.0	18	55188.0
Download	8	Type 1	1.0	618.0	86	53148.0
Download	9	Type 1	1.0	718.0	74	53132.0
Download	10	Type 1	1.0	918.0	58	53244.0
Download	11	Type 1	1.0	938.0	57	53466.0
Download	12	Type 1	1.0	798.0	67	53466.0
Download	13	Type 1	1.0	658.0	81	53298.0
Download	14	Type 1	1.0	898.0	59	52982.0
Download	15	Type 1	1.0	1264.0	42	53088.0
Download	16	Type 1	1.0	821.0	65	53365.0
Download	17	Type 1	1.0	772.0	69	53268.0
Download	18	Type 1	1.0	2072.0	26	53872.0
Download	19	Type 1	1.0	1037.0	51	52887.0
Download	20	Type 1	1.0	2789.0	19	52991.0
Download	21	Type 1	1.0	2034.0	26	52884.0
Download	22	Type 1	1.0	2936.0	18	52848.0
Download	23	Type 1	1.0	2415.0	22	53130.0
Download	24	Type 1	1.0	1067.0	50	53350.0
Download	25	Type 1	1.0	2533.0	21	53193.0
Download	26	Type 1	1.0	2940.0	18	52920.0
Download	27	Type 1	1.0	1301.0	41	53341.0
Download	28	Type 1	1.0	2197.0	25	54925.0
Download	29	Type 1	1.0	1775.0	30	53250.0

Type 2 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.1	164.0	26	4264.0
Download	1	Type 2	1.8	218.0	24	5232.0
Download	2	Type 2	4.7	182.0	29	5278.0
Download	3	Type 2	1.1	227.0	23	5221.0
Download	4	Type 2	2.9	185.0	26	4810.0
Download	5	Type 2	4.3	222.0	28	6216.0
Download	6	Type 2	4.1	226.0	28	6328.0
Download	7	Type 2	1.8	209.0	24	5016.0
Download	8	Type 2	4.5	158.0	29	4582.0
Download	9	Type 2	4.8	189.0	29	5481.0
Download	10	Type 2	2.0	229.0	24	5496.0
Download	11	Type 2	2.1	168.0	24	4032.0
Download	12	Type 2	3.9	206.0	28	5768.0
Download	13	Type 2	4.4	199.0	28	5572.0
Download	14	Type 2	4.0	187.0	28	5236.0
Download	15	Type 2	3.7	173.0	27	4671.0
Download	16	Type 2	2.1	183.0	24	4392.0
Download	17	Type 2	4.7	190.0	29	5510.0
Download	18	Type 2	1.7	167.0	24	4008.0
Download	19	Type 2	3.8	201.0	27	5427.0
Download	20	Type 2	4.8	169.0	29	4901.0
Download	21	Type 2	2.4	166.0	25	4150.0
Download	22	Type 2	2.7	157.0	25	3925.0
Download	23	Type 2	4.0	193.0	28	5404.0
Download	24	Type 2	3.7	163.0	27	4401.0
Download	25	Type 2	2.0	154.0	24	3696.0
Download	26	Type 2	4.9	198.0	29	5742.0
Download	27	Type 2	2.5	212.0	25	5300.0
Download	28	Type 2	4.8	188.0	29	5452.0
Download	29	Type 2	4.7	225.0	29	6525.0

Type 3 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.1	323.0	17	5491.0
Download	1	Type 3	8.8	414.0	16	6624.0
Download	2	Type 3	9.7	420.0	18	7560.0
Download	3	Type 3	8.1	482.0	16	7712.0
Download	4	Type 3	7.9	416.0	17	7072.0
Download	5	Type 3	9.3	478.0	18	8604.0
Download	6	Type 3	9.1	317.0	18	5706.0
Download	7	Type 3	6.6	406.0	16	6496.0
Download	8	Type 3	9.5	304.0	18	5472.0
Download	9	Type 3	9.8	425.0	18	7650.0
Download	10	Type 3	7.0	428.0	16	6848.0
Download	11	Type 3	7.1	338.0	16	5408.0
Download	12	Type 3	8.9	392.0	18	7056.0
Download	13	Type 3	9.4	245.0	18	4410.0
Download	14	Type 3	9.0	209.0	18	3762.0
Download	15	Type 3	8.7	382.0	18	6876.0
Download	16	Type 3	7.1	399.0	16	6384.0
Download	17	Type 3	9.7	309.0	18	5562.0
Download	18	Type 3	6.7	394.0	16	6304.0
Download	19	Type 3	8.8	251.0	18	4518.0
Download	20	Type 3	9.8	421.0	18	7578.0
Download	21	Type 3	7.4	303.0	17	5151.0
Download	22	Type 3	7.7	440.0	17	7480.0
Download	23	Type 3	9.0	475.0	18	8550.0
Download	24	Type 3	8.7	221.0	17	3757.0
Download	25	Type 3	7.0	229.0	16	3664.0
Download	26	Type 3	9.9	351.0	18	6318.0
Download	27	Type 3	7.5	270.0	17	4590.0
Download	28	Type 3	9.8	378.0	18	6804.0
Download	29	Type 3	9.7	432.0	18	7776.0

Type 4 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	15.7	323.0	14	4522.0
Download	1	Type 4	12.7	414.0	12	4968.0
Download	2	Type 4	19.2	420.0	16	6720.0
Download	3	Type 4	11.3	482.0	12	5784.0
Download	4	Type 4	15.3	416.0	14	5824.0
Download	5	Type 4	18.4	478.0	16	7648.0
Download	6	Type 4	18.0	317.0	15	4755.0
Download	7	Type 4	12.5	406.0	12	4872.0
Download	8	Type 4	18.8	304.0	16	4864.0
Download	9	Type 4	18.9	425.0	16	6800.0
Download	10	Type 4	13.3	428.0	13	5564.0
Download	11	Type 4	13.5	338.0	13	4394.0
Download	12	Type 4	17.6	392.0	15	5880.0
Download	13	Type 4	18.6	245.0	16	3920.0
Download	14	Type 4	17.6	209.0	15	3135.0
Download	15	Type 4	17.1	382.0	15	5730.0
Download	16	Type 4	13.5	399.0	13	5187.0
Download	17	Type 4	19.2	309.0	16	4944.0
Download	18	Type 4	12.6	394.0	12	4728.0
Download	19	Type 4	17.4	251.0	15	3765.0
Download	20	Type 4	19.5	421.0	16	6736.0
Download	21	Type 4	14.2	303.0	13	3939.0
Download	22	Type 4	14.8	440.0	14	6160.0
Download	23	Type 4	17.8	475.0	15	7125.0
Download	24	Type 4	16.9	221.0	15	3315.0
Download	25	Type 4	13.4	229.0	13	2977.0
Download	26	Type 4	19.7	351.0	16	5616.0
Download	27	Type 4	14.5	270.0	13	3510.0
Download	28	Type 4	19.5	378.0	16	6048.0
Download	29	Type 4	19.3	432.0	16	6912.0

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5300	1	16	5296.4	1
2	5300	1	17	5294	1
3	5300	1	18	5298	1
4	5300	1	19	5293.2	1
5	5300	1	20	5296.8	1
6	5300	1	21	5301.6	1
7	5300	1	22	5305.6	1
8	5300	1	23	5305.2	1
9	5300	1	24	5302.8	1
10	5300	1	25	5303.6	1
11	5294	1	26	5306	1
12	5294	1	27	5301.6	1
13	5296.8	1	28	5305.2	1
14	5297.6	1	29	5301.6	1
15	5296.8	1	30	5302	1
Detection Percentage (%)					100%

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)
655924.0	76.3	13	2	1983.0	1992.0	-
9703.0	59.8	13	1	1590.0	-	-
216482.0	95.6	13	3	1134.0	1566.0	1726.0
424936.0	52.1	13	1	1115.0	-	-
631082.0	73.9	13	2	1344.0	1758.0	-
836534.0	91.1	13	3	1219.0	1982.0	1612.0
191003.0	88.7	13	3	1305.0	1271.0	1868.0
399367.0	58.3	13	1	1107.0	-	-
604666.0	93.4	13	3	1525.0	1718.0	1130.0
811123.0	94.0	13	3	1299.0	1893.0	1567.0
166094.0	62.9	13	1	1538.0	-	-
373614.0	64.1	13	1	1517.0	-	-
578791.0	86.6	13	3	1913.0	1181.0	1867.0
785564.0	92.0	13	3	1839.0	1790.0	1232.0

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)
196425.0	86.8	8	3	1346.0	1322.0	1444.0
486061.0	84.0	8	3	1971.0	1335.0	1801.0
778432.0	63.9	8	1	1145.0	-	-
1065785.0	95.3	8	3	1585.0	1886.0	1494.0
160990.0	58.8	8	1	1944.0	-	-
450788.0	85.4	8	3	1381.0	1516.0	1083.0
740454.0	97.1	8	3	1909.0	1684.0	1045.0
1031717.0	68.0	8	2	1193.0	1879.0	-
125049.0	71.3	8	2	1925.0	1447.0	-
414922.0	87.7	8	3	1685.0	1597.0	1090.0

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)
370747.0	82.9	19	2	1678.0	1052.0	-
523977.0	63.4	19	1	1872.0	-	-
46782.0	98.3	19	3	1655.0	1798.0	1250.0
199365.0	69.4	19	2	1760.0	1221.0	-
350880.0	97.2	19	3	1989.0	1251.0	1421.0
503184.0	95.9	19	3	1336.0	1938.0	1067.0
28090.0	78.1	19	2	1964.0	1942.0	-
180588.0	83.3	19	2	1085.0	1891.0	-
332966.0	69.8	19	2	1357.0	1765.0	-
484877.0	88.0	19	3	1304.0	1044.0	1434.0
9329.0	85.6	19	3	1257.0	1499.0	1822.0
161814.0	68.2	19	2	1646.0	1309.0	-
313856.0	81.0	19	2	1901.0	1892.0	-
467557.0	52.0	19	1	1849.0	-	-
618372.0	71.3	19	2	1881.0	1912.0	-
142522.0	86.1	19	3	1749.0	1528.0	1932.0
295113.0	88.5	19	3	1341.0	1244.0	1184.0
446900.0	83.5	19	3	1413.0	1529.0	1496.0
598687.0	90.0	19	3	1425.0	1741.0	1601.0

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)
295621.0	86.7	5	3	1362.0	1126.0	1917.0
659415.0	51.6	5	1	1985.0	-	-
1022984.0	51.4	5	1	1615.0	-	-
1386915.0	64.4	5	1	1047.0	-	-
251430.0	50.6	5	1	1493.0	-	-
614829.0	57.7	5	1	1580.0	-	-
978378.0	61.0	5	1	1374.0	-	-
1338951.0	85.6	5	3	1261.0	1691.0	1651.0

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)
117800.0	76.6	12	2	1552.0	1430.0	-
325076.0	67.7	12	2	1367.0	1310.0	-
531454.0	91.0	12	3	1680.0	1352.0	1021.0
740501.0	51.9	12	1	1574.0	-	-
92419.0	58.3	12	1	1710.0	-	-
298896.0	88.6	12	3	1279.0	1573.0	1689.0
507773.0	57.8	12	1	1010.0	-	-
713210.0	69.2	12	2	1999.0	1647.0	-
66886.0	60.5	12	1	1426.0	-	-
273300.0	92.9	12	3	1605.0	1777.0	1550.0
481343.0	69.3	12	2	1009.0	1518.0	-
689119.0	61.2	12	1	1900.0	-	-
41175.0	97.6	12	3	1713.0	1520.0	1249.0
248816.0	65.9	12	1	1579.0	-	-

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)
354163.0	79.6	18	2	1539.0	1096.0	-
513648.0	94.4	18	3	1609.0	1554.0	1488.0
12196.0	98.7	18	3	1534.0	1042.0	1816.0
173685.0	56.4	18	1	1070.0	-	-
334165.0	68.6	18	2	1103.0	1851.0	-
496487.0	52.9	18	1	1144.0	-	-
657390.0	61.9	18	1	1657.0	-	-
153361.0	73.9	18	2	1167.0	1808.0	-
314454.0	72.7	18	2	1481.0	1226.0	-
474316.0	97.0	18	3	1618.0	1402.0	1320.0
637934.0	63.6	18	1	1228.0	-	-
133421.0	78.1	18	2	1852.0	1682.0	-
293596.0	84.6	18	3	1386.0	1654.0	1972.0
455095.0	86.1	18	3	1100.0	1061.0	1354.0
617111.0	81.5	18	2	1066.0	1178.0	-
113467.0	99.0	18	3	1218.0	1409.0	1743.0
273929.0	97.7	18	3	1731.0	1208.0	1833.0
436605.0	61.6	18	1	1502.0	-	-

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)
594838.0	86.1	17	3	1928.0	1406.0	1607.0
94109.0	60.2	17	1	1351.0	-	-
255504.0	51.4	17	1	1260.0	-	-
416654.0	65.5	17	1	1630.0	-	-
576478.0	78.9	17	2	1967.0	1353.0	-
73836.0	86.0	17	3	1923.0	1696.0	1289.0
234914.0	77.2	17	2	1326.0	1941.0	-
396304.0	79.6	17	2	1028.0	1410.0	-
557317.0	73.2	17	2	1148.0	1390.0	-
54278.0	82.8	17	2	1097.0	1223.0	-
215588.0	60.7	17	1	1750.0	-	-
375569.0	93.3	17	3	1331.0	1479.0	1202.0
536834.0	69.1	17	2	1737.0	1595.0	-
34364.0	72.2	17	2	1976.0	1631.0	-
194772.0	92.4	17	3	1497.0	1663.0	1824.0
355965.0	70.8	17	2	1728.0	1926.0	-
517560.0	72.0	17	2	1307.0	1328.0	-
14607.0	57.0	17	1	1288.0	-	-

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)
317012.0	65.8	7	1	1394.0	-	-
606378.0	94.2	7	3	1342.0	1388.0	1293.0
896146.0	89.2	7	3	1001.0	1484.0	1931.0
1189446.0	58.1	7	1	1055.0	-	-
280762.0	73.7	7	2	1442.0	1836.0	-
571701.0	52.6	7	1	1820.0	-	-
860347.0	95.0	7	3	1639.0	1460.0	1431.0
1151152.0	94.1	7	3	1128.0	1392.0	1109.0
244767.0	88.4	7	3	1513.0	1125.0	1831.0
535437.0	80.2	7	2	1853.0	1015.0	-

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)
434473.0	53.9	18	1	1723.0	-	-
586793.0	71.8	18	2	1082.0	1113.0	-
109461.0	87.8	18	3	1998.0	1757.0	1837.0
263198.0	61.6	18	1	1002.0	-	-
414181.0	95.2	18	3	1439.0	1248.0	1273.0
568582.0	57.7	18	1	1540.0	-	-
91156.0	75.2	18	2	1666.0	1189.0	-
242776.0	87.3	18	3	1916.0	1845.0	1327.0
396968.0	64.4	18	1	1521.0	-	-
549799.0	64.0	18	1	1495.0	-	-
72564.0	65.5	18	1	1200.0	-	-
225205.0	62.6	18	1	1888.0	-	-
377546.0	79.2	18	2	1122.0	1397.0	-
528635.0	89.0	18	3	1154.0	1634.0	1485.0
53589.0	79.8	18	2	1040.0	1842.0	-
205975.0	79.1	18	2	1360.0	1804.0	-
359214.0	63.2	18	1	1711.0	-	-
510872.0	79.5	18	2	1937.0	1133.0	-
34800.0	77.8	18	2	1129.0	1873.0	-

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)
186932.0	91.4	19	3	1203.0	1195.0	1670.0
339092.0	85.7	19	3	1290.0	1504.0	1332.0
493110.0	63.8	19	1	1775.0	-	-
16060.0	64.0	19	1	1491.0	-	-
168643.0	74.5	19	2	1135.0	1227.0	-
321009.0	83.1	19	2	1127.0	1703.0	-
474357.0	53.4	19	1	1693.0	-	-
625371.0	72.4	19	2	1850.0	1604.0	-
149588.0	78.0	19	2	1807.0	1638.0	-
301136.0	86.6	19	3	1922.0	1422.0	1753.0
453720.0	98.8	19	3	1077.0	1274.0	1858.0
606474.0	70.6	19	2	1778.0	1812.0	-
130505.0	84.8	19	3	1813.0	1596.0	1559.0
282138.0	97.7	19	3	1819.0	1953.0	1952.0
434969.0	97.0	19	3	1966.0	1102.0	1153.0
588102.0	75.6	19	2	1478.0	1697.0	-
112354.0	51.3	19	1	1784.0	-	-
264037.0	95.1	19	3	1111.0	1863.0	1333.0
416376.0	99.2	19	3	1084.0	1209.0	1704.0

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)
984362.0	98.1	9	3	1503.0	1255.0	1649.0
161775.0	61.4	9	1	1687.0	-	-
424577.0	97.1	9	3	1817.0	1470.0	1899.0
689977.0	55.1	9	1	1907.0	-	-
954150.0	56.3	9	1	1843.0	-	-
129249.0	57.9	9	1	1569.0	-	-
392542.0	91.6	9	3	1071.0	1522.0	1486.0
657625.0	53.2	9	1	1606.0	-	-
921737.0	64.9	9	1	1699.0	-	-
96674.0	50.1	9	1	1920.0	-	-
360433.0	78.4	9	2	1480.0	1512.0	-

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)
623034.0	94.6	9	3	1825.0	1803.0	1549.0
886739.0	89.5	9	3	1562.0	1316.0	1832.0
64140.0	65.5	9	1	1950.0	-	-
328361.0	66.3	9	1	1570.0	-	-
590887.0	97.0	9	3	1637.0	1376.0	1633.0
854391.0	94.6	9	3	1558.0	1456.0	1568.0
31546.0	90.2	9	3	1640.0	1237.0	1217.0
295788.0	57.7	9	1	1681.0	-	-
560185.0	63.2	9	1	1243.0	-	-
823457.0	78.5	9	2	1391.0	1182.0	-
1085532.0	91.8	9	3	1017.0	1613.0	1826.0

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)
169534.0	85.3	16	3	1245.0	1582.0	1584.0
339175.0	97.2	16	3	1959.0	1526.0	1934.0
512168.0	50.7	16	1	1142.0	-	-
682326.0	65.6	16	1	1930.0	-	-
148585.0	93.5	16	3	1692.0	1673.0	1011.0
319269.0	80.7	16	2	1936.0	1238.0	-
491025.0	64.9	16	1	1269.0	-	-
660000.0	82.2	16	2	1897.0	1412.0	-
128130.0	63.3	16	1	1620.0	-	-
298200.0	78.4	16	2	1541.0	1811.0	-
467872.0	84.0	16	3	1645.0	1500.0	1277.0
641057.0	64.0	16	1	1060.0	-	-
106919.0	81.5	16	2	1074.0	1671.0	-
278046.0	66.3	16	1	1239.0	-	-
446700.0	94.4	16	3	1724.0	1949.0	1089.0
617949.0	80.6	16	2	1505.0	1887.0	-
86088.0	57.4	16	1	1312.0	-	-

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)
242716.0	56.0	18	1	1177.0	-	-
402883.0	82.9	18	2	1588.0	1622.0	-
564090.0	79.9	18	2	1350.0	1510.0	-
61146.0	88.5	18	3	1215.0	1788.0	1272.0
222083.0	72.3	18	2	1511.0	1910.0	-
382580.0	99.7	18	3	1707.0	1314.0	1025.0
542773.0	92.0	18	3	1380.0	1330.0	1962.0
41535.0	59.3	18	1	1441.0	-	-
202796.0	55.0	18	1	1694.0	-	-
363537.0	68.5	18	2	1474.0	1198.0	-
525617.0	50.7	18	1	1355.0	-	-
21675.0	52.4	18	1	1024.0	-	-
182272.0	85.4	18	3	1523.0	1407.0	1157.0
342035.0	93.6	18	3	1946.0	1960.0	1984.0
504425.0	81.8	18	2	1800.0	1287.0	-
1783.0	70.7	18	2	1799.0	1608.0	-
163156.0	56.3	18	1	1323.0	-	-
323371.0	76.2	18	2	1794.0	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)
512425.0	99.9	16	3	1079.0	1284.0	1840.0
685178.0	54.3	16	1	1557.0	-	-
151080.0	90.8	16	3	1690.0	1114.0	1509.0
322428.0	64.4	16	1	1702.0	-	-
493557.0	60.9	16	1	1212.0	-	-
662239.0	88.4	16	3	1254.0	1110.0	1206.0
130414.0	82.8	16	2	1173.0	1560.0	-
300491.0	86.9	16	3	1151.0	1231.0	1423.0
470156.0	100.0	16	3	1809.0	1785.0	1123.0
643090.0	60.5	16	1	1563.0	-	-
109395.0	75.5	16	2	1389.0	1424.0	-
279628.0	84.0	16	3	1106.0	1037.0	1383.0
449561.0	100.0	16	3	1013.0	1544.0	1610.0
622294.0	52.6	16	1	1286.0	-	-
88523.0	64.0	16	1	1769.0	-	-
258846.0	82.8	16	2	1547.0	1435.0	-
429940.0	51.7	16	1	1970.0	-	-

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)
637504.0	80.4	15	2	1643.0	1268.0	-
71448.0	98.7	15	3	1747.0	1686.0	1140.0
253383.0	53.2	15	1	1186.0	-	-
434861.0	63.0	15	1	1415.0	-	-
613739.0	97.6	15	3	1076.0	1776.0	1815.0
49406.0	58.8	15	1	1121.0	-	-
231033.0	56.3	15	1	1120.0	-	-
411034.0	88.5	15	3	1308.0	1603.0	1160.0
593604.0	62.1	15	1	1981.0	-	-
27014.0	64.2	15	1	1679.0	-	-
208273.0	79.8	15	2	1477.0	1036.0	-
389381.0	77.9	15	2	1080.0	1780.0	-
569651.0	84.8	15	3	1469.0	1527.0	1088.0
4658.0	52.2	15	1	1698.0	-	-
185332.0	93.4	15	3	1468.0	1623.0	1875.0
366683.0	75.2	15	2	1745.0	1885.0	-

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)
797466.0	90.1	9	3	1301.0	1057.0	1818.0
1060552.0	94.5	9	3	1838.0	1727.0	1104.0
238070.0	76.2	9	2	1740.0	1506.0	-
502043.0	66.7	9	2	1821.0	1035.0	-
764103.0	91.6	9	3	1473.0	1986.0	1993.0
1029392.0	72.0	9	2	1947.0	1358.0	-
205457.0	91.6	9	3	1300.0	1132.0	1448.0
469968.0	55.7	9	1	1859.0	-	-
732302.0	85.5	9	3	1155.0	1438.0	1929.0
994914.0	99.7	9	3	1677.0	1961.0	1835.0
173169.0	81.4	9	2	1343.0	1369.0	-

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)
252188.0	83.8	19	3	1266.0	1116.0	1340.0
404557.0	71.1	19	2	1729.0	1847.0	-
557573.0	68.5	19	2	1033.0	1748.0	-
81037.0	98.1	19	3	1368.0	1476.0	1802.0
233392.0	88.5	19	3	1575.0	1147.0	1105.0
387157.0	52.6	19	1	1361.0	-	-
536833.0	91.9	19	3	1278.0	1889.0	1896.0
62647.0	51.4	19	1	1233.0	-	-
214940.0	72.1	19	2	1475.0	1472.0	-
368176.0	53.0	19	1	1624.0	-	-
520879.0	63.2	19	1	1722.0	-	-
43763.0	52.3	19	1	1996.0	-	-
195438.0	95.6	19	3	1869.0	1619.0	1772.0
347472.0	84.4	19	3	1652.0	1405.0	1965.0
501563.0	76.0	19	2	1183.0	1165.0	-
24849.0	98.8	19	3	1955.0	1086.0	1614.0
177469.0	74.1	19	2	1247.0	1385.0	-
330601.0	52.9	19	1	1501.0	-	-
483048.0	58.9	19	1	1980.0	-	-

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)
11697.0	65.2	7	1	1714.0	-	-
302314.0	58.3	7	1	1735.0	-	-
592312.0	82.2	7	2	1805.0	1180.0	-
883926.0	58.8	7	1	1222.0	-	-
1174364.0	59.8	7	1	1532.0	-	-
266591.0	58.2	7	1	1403.0	-	-
555654.0	87.8	7	3	1428.0	1617.0	1874.0
848161.0	66.1	7	1	1156.0	-	-
1138193.0	60.1	7	1	1919.0	-	-
230680.0	58.3	7	1	1939.0	-	-

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)
306661.0	57.0	16	1	1038.0	-	-
475673.0	97.5	16	3	1225.0	1464.0	1205.0
647001.0	77.6	16	2	1371.0	1356.0	-
114036.0	97.9	16	3	1705.0	1283.0	1871.0
285023.0	77.4	16	2	1375.0	1098.0	-
455397.0	72.5	16	2	1054.0	1766.0	-
625652.0	67.3	16	2	1282.0	1830.0	-
93176.0	93.7	16	3	1007.0	1459.0	1773.0
264346.0	66.1	16	1	1576.0	-	-
433661.0	91.4	16	3	1466.0	1508.0	1032.0
604117.0	75.3	16	2	1846.0	1894.0	-
72162.0	92.9	16	3	1796.0	1577.0	1373.0
243181.0	50.7	16	1	1935.0	-	-
413517.0	71.2	16	2	1150.0	1455.0	-
584095.0	72.1	16	2	1043.0	1548.0	-
51334.0	76.9	16	2	1321.0	1814.0	-
221447.0	92.1	16	3	1246.0	1515.0	1404.0

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)
333353.0	80.7	20	2	1292.0	1420.0	-
477709.0	82.3	20	2	1627.0	1715.0	-
25826.0	65.5	20	1	1810.0	-	-
170566.0	73.3	20	2	1004.0	1994.0	-
314948.0	67.4	20	2	1774.0	2000.0	-
461484.0	52.8	20	1	1267.0	-	-
7932.0	76.5	20	2	1995.0	1530.0	-
152189.0	84.5	20	3	1865.0	1264.0	1987.0
297686.0	73.0	20	2	1553.0	1118.0	-
443142.0	51.6	20	1	1882.0	-	-
588413.0	62.2	20	1	1669.0	-	-
135281.0	58.6	20	1	1294.0	-	-
278691.0	89.9	20	3	1906.0	1924.0	1295.0
425641.0	50.6	20	1	1365.0	-	-
566941.0	86.5	20	3	1861.0	1752.0	1829.0
117159.0	81.8	20	2	1325.0	1175.0	-
261484.0	93.1	20	3	1046.0	1056.0	1736.0
407606.0	65.0	20	1	1586.0	-	-
553058.0	55.6	20	1	1242.0	-	-
98903.0	85.7	20	3	1902.0	1764.0	1275.0

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)
408200.0	54.4	10	1	1317.0	-	-
649073.0	68.1	10	2	1458.0	1915.0	-
892209.0	61.9	10	1	1781.0	-	-
136145.0	58.7	10	1	1378.0	-	-
378161.0	55.1	10	1	1855.0	-	-
620449.0	57.9	10	1	1524.0	-	-
862592.0	61.6	10	1	1545.0	-	-
105898.0	83.6	10	3	1628.0	1903.0	1730.0
348085.0	72.3	10	2	1449.0	1143.0	-
590827.0	57.6	10	1	1174.0	-	-
833219.0	60.9	10	1	1000.0	-	-
76324.0	86.7	10	3	1204.0	1058.0	1138.0

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)
293528.0	83.0	11	2	1349.0	1911.0	-
517399.0	66.1	11	1	1860.0	-	-
741037.0	57.1	11	1	1594.0	-	-
42887.0	83.9	11	3	1659.0	1348.0	1904.0
265854.0	94.6	11	3	1382.0	1270.0	1281.0
488492.0	85.1	11	3	1490.0	1258.0	1719.0
711027.0	89.7	11	3	1979.0	1099.0	1720.0
15465.0	94.7	11	3	1395.0	1063.0	1997.0
239135.0	51.0	11	1	1081.0	-	-
462656.0	63.4	11	1	1265.0	-	-
685973.0	54.4	11	1	1602.0	-	-
907868.0	70.8	11	2	1359.0	1856.0	-
211571.0	55.0	11	1	1171.0	-	-

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)
331164.0	85.0	17	3	1172.0	1492.0	1636.0
502343.0	76.3	17	2	1418.0	1450.0	-
670773.0	90.7	17	3	1806.0	1635.0	1593.0
140111.0	88.8	17	3	1313.0	1240.0	1436.0
311298.0	61.0	17	1	1828.0	-	-
482163.0	57.6	17	1	1668.0	-	-
653276.0	56.2	17	1	1324.0	-	-
119609.0	66.5	17	1	1241.0	-	-
289389.0	91.2	17	3	1411.0	1179.0	1363.0
459657.0	87.7	17	3	1461.0	1187.0	1262.0
632159.0	62.5	17	1	1401.0	-	-
98361.0	70.4	17	2	1039.0	1611.0	-
269352.0	56.8	17	1	1514.0	-	-
439441.0	68.2	17	2	1384.0	1318.0	-
611067.0	59.4	17	1	1454.0	-	-
77143.0	91.2	17	3	1117.0	1463.0	1974.0
247006.0	93.0	17	3	1977.0	1641.0	1592.0

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)
445463.0	62.1	15	1	1396.0	-	-
626553.0	65.4	15	1	1957.0	-	-
59744.0	90.8	15	3	1041.0	1417.0	1870.0
240966.0	75.6	15	2	1379.0	1792.0	-
422231.0	75.7	15	2	1303.0	1629.0	-
603550.0	73.7	15	2	1721.0	1048.0	-
37460.0	93.6	15	3	1487.0	1398.0	1599.0
219162.0	52.6	15	1	1440.0	-	-
398861.0	87.3	15	3	1755.0	1432.0	1709.0
582187.0	58.0	15	1	1535.0	-	-
15215.0	75.4	15	2	1665.0	1489.0	-
196878.0	60.9	15	1	1141.0	-	-
376637.0	84.7	15	3	1782.0	1467.0	1578.0
557888.0	91.0	15	3	1159.0	1236.0	1732.0
740917.0	63.6	15	1	1975.0	-	-
173448.0	91.1	15	3	1864.0	1878.0	1940.0

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)
518262.0	53.6	9	1	1119.0	-	-
781341.0	70.1	9	2	1744.0	1087.0	-
1045063.0	81.7	9	2	1377.0	1632.0	-
220993.0	71.0	9	2	1372.0	1733.0	-
484245.0	94.9	9	3	1921.0	1453.0	1020.0
749557.0	61.2	9	1	1783.0	-	-
1010847.0	100.0	9	3	1933.0	1848.0	1072.0
188768.0	54.7	9	1	1533.0	-	-
452331.0	70.2	9	2	1201.0	1883.0	-
715053.0	91.8	9	3	1880.0	1683.0	1207.0
979801.0	78.4	9	2	1954.0	1345.0	-

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)
85442.0	94.6	20	3	1280.0	1169.0	1751.0
230916.0	63.5	20	1	1676.0	-	-
374179.0	87.7	20	3	1650.0	1252.0	1717.0
519933.0	66.9	20	2	1834.0	1229.0	-
67801.0	80.2	20	2	1031.0	1770.0	-
213258.0	53.5	20	1	1069.0	-	-
358140.0	58.0	20	1	1700.0	-	-
503002.0	51.3	20	1	1990.0	-	-
49827.0	89.1	20	3	1866.0	1190.0	1338.0
194833.0	80.1	20	2	1626.0	1075.0	-
339617.0	79.5	20	2	1644.0	1197.0	-
485900.0	59.2	20	1	1049.0	-	-
32186.0	52.5	20	1	1572.0	-	-
176155.0	97.2	20	3	1706.0	1968.0	1841.0
321401.0	86.1	20	3	1149.0	1214.0	1176.0
466794.0	73.8	20	2	1306.0	1296.0	-
14253.0	99.7	20	3	1027.0	1648.0	1220.0
159174.0	80.9	20	2	1334.0	1256.0	-
304776.0	55.5	20	1	1194.0	-	-
450100.0	56.5	20	1	1068.0	-	-

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)
914123.0	96.7	11	3	1210.0	1199.0	1059.0
217302.0	99.0	11	3	1112.0	1797.0	1600.0
440596.0	79.3	11	2	1857.0	1583.0	-
664735.0	53.2	11	1	1918.0	-	-
886332.0	98.1	11	3	1457.0	1196.0	1146.0
190214.0	77.7	11	2	1660.0	1139.0	-
413548.0	70.1	11	2	1414.0	1078.0	-
635751.0	98.2	11	3	1791.0	1029.0	1216.0
861103.0	50.8	11	1	1408.0	-	-
162965.0	65.4	11	1	1419.0	-	-
385257.0	86.1	11	3	1170.0	1551.0	1653.0
610015.0	55.3	11	1	1437.0	-	-
830690.0	83.9	11	3	1519.0	1164.0	1908.0

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)
87535.0	95.4	20	3	1213.0	1789.0	1291.0
231896.0	99.0	20	3	1767.0	1661.0	1166.0
375945.0	89.2	20	3	1827.0	1543.0	1786.0
521009.0	99.7	20	3	1483.0	1364.0	1399.0
69725.0	91.2	20	3	2000.0	1285.0	1131.0
214216.0	95.2	20	3	1621.0	1656.0	1018.0
360333.0	57.4	20	1	1571.0	–	–
504768.0	76.6	20	2	1101.0	1302.0	–
52001.0	89.7	20	3	1161.0	1022.0	1446.0
196839.0	74.6	20	2	1927.0	1095.0	–
342368.0	61.0	20	1	1725.0	–	–
485680.0	74.1	20	2	1963.0	1956.0	–
34291.0	60.9	20	1	1762.0	–	–
178979.0	79.2	20	2	1973.0	1136.0	–
323556.0	73.9	20	2	1991.0	1465.0	–
469565.0	58.7	20	1	1763.0	–	–
16328.0	87.5	20	3	1561.0	1642.0	1877.0
161628.0	50.2	20	1	1329.0	–	–
305963.0	73.8	20	2	1958.0	1051.0	–
451681.0	64.6	20	1	1779.0	–	–

Type 5 Radar Waveform_30

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
624590.0	85.3	19	3	1988.0	1536.0	1945.0
151009.0	81.7	19	2	1482.0	1163.0	–
302877.0	95.7	19	3	1498.0	1298.0	1234.0
453951.0	84.2	19	3	1914.0	1876.0	1793.0
606435.0	84.4	19	3	1507.0	1443.0	1951.0
132013.0	68.8	19	2	1862.0	1768.0	–
285313.0	52.4	19	1	1416.0	–	–
436008.0	83.4	19	3	1895.0	1259.0	1339.0
590948.0	59.9	19	1	1452.0	–	–
113601.0	50.4	19	1	1701.0	–	–
265814.0	73.7	19	2	1688.0	1319.0	–
417653.0	94.0	19	3	1065.0	1471.0	1387.0
571250.0	74.1	19	2	1014.0	1400.0	–
94593.0	75.4	19	2	1787.0	1188.0	–
247535.0	57.2	19	1	1739.0	–	–
398491.0	98.2	19	3	1003.0	1943.0	1625.0
550390.0	97.0	19	3	1884.0	1451.0	1429.0
75810.0	74.2	19	2	1695.0	1311.0	–
228677.0	58.5	19	1	1854.0	–	–

Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
1	1	16	0
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	0
13	1	28	1
14	1	29	1
15	1	30	1
Detection Percentage (%)			93.3%

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5392	5315	5675	5640	5406
5	5461	5258	5448	5354	5454
10	5316	5502	5446	5696	5383
15	5507	5577	5297	5251	5427
20	5551	5358	5564	5401	5307
25	5619	5481	5471	5313	5267
30	5309	5483	5327	5505	5397
35	5509	5385	5704	5263	5573
40	5480	5377	5416	5440	5436
45	5283	5456	5603	5469	5331
50	5566	5304	5361	5586	5349
55	5664	5500	5324	5388	5437
60	5271	5540	5310	5360	5318
65	5637	5369	5467	5698	5325
70	5700	5387	5274	5713	5429
75	5295	5438	5582	5389	5648
80	5255	5402	5486	5548	5286
85	5270	5488	5380	5532	5293
90	5503	5659	5453	5643	5655
95	5691	5447	5281	5455	5588

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5647	5554	5611	5328	5723
5	5503	5656	5523	5420	5661
10	5722	5291	5487	5319	5404
15	5595	5704	5303	5296	5575
20	5338	5717	5299	5556	5374
25	5670	5471	5684	5347	5309
30	5281	5266	5601	5479	5325
35	5536	5697	5382	5652	5293
40	5418	5667	5345	5519	5341
45	5509	5393	5577	5277	5505
50	5305	5379	5295	5602	5691
55	5372	5662	5426	5354	5469
60	5639	5648	5392	5311	5703
65	5711	5250	5301	5415	5484
70	5563	5641	5283	5511	5566
75	5549	5545	5481	5700	5350
80	5680	5486	5541	5323	5349
85	5459	5580	5440	5282	5405
90	5271	5431	5654	5337	5624
95	5416	5396	5453	5328	5629

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5427	5318	5547	5487	5468
5	5545	5678	5598	5583	5393
10	5653	5652	5528	5514	5425
15	5586	5358	5406	5341	5292
20	5346	5311	5337	5645	5347
25	5461	5323	5412	5679	5284
30	5448	5267	5698	5253	5523
35	5578	5313	5549	5535	5566
40	5607	5264	5432	5400	5602
45	5399	5465	5280	5696	5278
50	5433	5366	5328	5627	5257
55	5472	5613	5266	5636	5437
60	5608	5355	5293	5531	5451
65	5464	5297	5463	5701	5534
70	5270	5641	5418	5296	5633
75	5709	5542	5676	5648	5410
80	5300	5688	5537	5314	5521
85	5562	5614	5322	5391	5422
90	5326	5415	5552	5316	5319
95	5511	5364	5255	5590	5259

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5585	5654	5483	5648	5688
5	5587	5603	5673	5271	5697
10	5487	5441	5569	5709	5446
15	5674	5509	5386	5484	5354
20	5477	5278	5637	5320	5349
25	5272	5615	5308	5318	5490
30	5631	5655	5556	5405	5343
35	5717	5404	5345	5310	5577
40	5444	5672	5465	5581	5380
45	5685	5360	5518	5545	5475
50	5454	5455	5626	5571	5675
55	5686	5662	5335	5712	5678
60	5457	5511	5554	5353	5304
65	5329	5326	5254	5633	5331
70	5312	5580	5493	5617	5622
75	5670	5406	5548	5322	5297
80	5442	5551	5384	5373	5492
85	5491	5562	5719	5679	5568
90	5582	5403	5536	5381	5496
95	5450	5422	5443	5295	5502

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5365	5418	5419	5334	5530
5	5251	5625	5273	5434	5429
10	5705	5610	5467	5287	5513
15	5612	5676	5265	5546	5694
20	5293	5712	5599	5721	5509
25	5352	5532	5520	5296	5654
30	5541	5381	5495	5616	5463
35	5491	5382	5527	5340	5462
40	5510	5360	5571	5432	5351
45	5630	5535	5544	5449	5291
50	5640	5377	5629	5586	5332
55	5622	5623	5343	5661	5597
60	5651	5253	5693	5366	5431
65	5636	5556	5452	5678	5341
70	5603	5447	5516	5329	5486
75	5439	5688	5454	5323	5336
80	5684	5521	5542	5335	5539
85	5369	5574	5585	5464	5512
90	5553	5436	5480	5348	5652
95	5525	5604	5557	5438	5613

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5620	5657	5355	5495	5275
5	5293	5550	5348	5500	5636
10	5252	5494	5651	5624	5488
15	5375	5640	5715	5379	5393
20	5273	5712	5257	5718	5266
25	5503	5548	5449	5613	5386
30	5574	5506	5569	5414	5331
35	5361	5423	5586	5509	5616
40	5405	5696	5610	5580	5459
45	5342	5340	5376	5476	5697
50	5702	5709	5633	5272	5362
55	5479	5594	5567	5448	5557
60	5461	5312	5568	5487	5543
65	5377	5677	5304	5553	5335
70	5302	5352	5434	5485	5532
75	5411	5458	5323	5484	5584
80	5699	5529	5585	5650	5436
85	5408	5454	5398	5389	5496
90	5486	5262	5534	5522	5346
95	5621	5570	5491	5464	5721

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5400	5421	5291	5656	5592
5	5335	5572	5423	5663	5368
10	5658	5283	5314	5722	5509
15	5366	5292	5721	5424	5682
20	5281	5306	5673	5332	5714
25	5391	5652	5717	5420	5713
30	5395	5526	5629	5580	5562
35	5299	5305	5416	5535	5693
40	5486	5345	5553	5271	5320
45	5459	5437	5677	5584	5578
50	5410	5637	5344	5473	5684
55	5667	5548	5282	5645	5528
60	5493	5477	5610	5579	5489
65	5675	5626	5340	5288	5516
70	5471	5435	5712	5508	5370
75	5427	5443	5530	5565	5379
80	5639	5583	5433	5603	5357
85	5359	5496	5354	5450	5259
90	5557	5699	5683	5556	5606
95	5633	5587	5546	5545	5716

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5558	5660	5702	5342	5337
5	5474	5497	5498	5351	5672
10	5589	5644	5355	5442	5530
15	5454	5419	5349	5372	5399
20	5667	5472	5614	5324	5687
25	5657	5252	5380	5346	5280
30	5284	5483	5369	5257	5379
35	5701	5390	5576	5544	5330
40	5374	5398	5424	5585	5550
45	5578	5678	5639	5495	5255
50	5357	5586	5688	5433	5296
55	5628	5502	5464	5402	5622
60	5642	5555	5411	5711	5435
65	5401	5575	5376	5595	5650
70	5319	5543	5421	5537	5561
75	5484	5329	5299	5563	5673
80	5546	5631	5274	5406	5646
85	5430	5420	5260	5591	5697
90	5501	5507	5389	5689	5493
95	5488	5267	5601	5529	5492

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5338	5424	5638	5406	5654
5	5516	5519	5573	5514	5404
10	5423	5433	5396	5637	5551
15	5542	5548	5452	5417	5591
20	5675	5652	5413	5660	5545
25	5676	5583	5450	5488	5322
30	5270	5440	5584	5506	5674
35	5365	5481	5372	5697	5719
40	5310	5362	5253	5547	5507
45	5658	5722	5553	5686	5261
50	5708	5287	5264	5522	5594
55	5475	5568	5456	5662	5283
60	5373	5276	5332	5500	5718
65	5634	5478	5699	5524	5315
70	5330	5445	5597	5712	5407
75	5540	5410	5363	5288	5268
80	5683	5527	5408	5403	5570
85	5709	5615	5260	5263	5382
90	5308	5455	5280	5575	5554
95	5695	5273	5279	5656	5513

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5593	5663	5574	5567	5399
5	5558	5444	5648	5580	5611
10	5354	5697	5437	5357	5572
15	5630	5576	5555	5462	5308
20	5683	5707	5405	5633	5336
25	5528	5689	5651	5522	5461
30	5634	5397	5702	5658	5407
35	5265	5472	5255	5624	5564
40	5300	5493	5544	5436	5638
45	5330	5514	5264	5526	5584
50	5463	5315	5417	5419	5281
55	5410	5280	5577	5344	5497
60	5445	5647	5460	5424	5425
65	5473	5351	5637	5337	5400
70	5309	5393	5640	5259	5339
75	5722	5712	5706	5387	5508
80	5660	5659	5297	5327	5335
85	5677	5442	5500	5530	5506
90	5298	5719	5701	5561	5388
95	5260	5711	5594	5353	5565

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5373	5427	5510	5253	5716
5	5600	5466	5723	5268	5440
10	5285	5486	5478	5552	5593
15	5621	5703	5658	5507	5500
20	5594	5398	5534	5494	5606
25	5699	5477	5417	5280	5556
30	5503	5523	5354	5442	5432
35	5692	5546	5663	5536	5625
40	5644	5463	5647	5616	5258
45	5541	5618	5413	5572	5317
50	5363	5639	5366	5322	5266
55	5469	5267	5470	5299	5315
60	5662	5487	5479	5286	5370
65	5626	5422	5290	5372	5607
70	5678	5476	5643	5583	5681
75	5584	5351	5433	5489	5437
80	5326	5457	5324	5530	5519
85	5405	5595	5495	5460	5301
90	5409	5707	5498	5512	5497
95	5277	5291	5578	5308	5710

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5628	5666	5446	5414	5461
5	5264	5391	5323	5431	5647
10	5594	5275	5519	5650	5614
15	5709	5355	5664	5455	5692
20	5602	5467	5475	5486	5579
25	5490	5329	5620	5384	5590
30	5545	5509	5311	5657	5584
35	5415	5685	5279	5332	5303
40	5558	5302	5352	5554	5401
45	5635	5672	5598	5496	5630
50	5370	5678	5714	5340	5417
55	5411	5441	5560	5696	5660
60	5593	5663	5432	5684	5413
65	5449	5371	5326	5679	5499
70	5550	5462	5268	5335	5291
75	5640	5553	5471	5576	5470
80	5592	5520	5321	5250	5541
85	5361	5465	5312	5363	5511
90	5549	5316	5574	5532	5297
95	5346	5562	5681	5689	5674

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5311	5430	5382	5575	5303
5	5306	5413	5398	5594	5379
10	5525	5636	5560	5370	5635
15	5322	5482	5292	5500	5409
20	5610	5633	5513	5552	5378
25	5656	5348	5488	5624	5684
30	5268	5397	5358	5710	5252
35	5467	5700	5553	5569	5616
40	5435	5492	5641	5632	5504
45	5578	5579	5591	5423	5565
50	5590	5516	5468	5264	5532
55	5273	5650	5375	5412	5695
60	5517	5377	5618	5510	5359
65	5320	5362	5414	5294	5662
70	5719	5448	5271	5659	5267
75	5599	5425	5622	5548	5369
80	5630	5477	5654	5583	5318
85	5542	5444	5300	5428	5407
90	5328	5465	5611	5341	5469
95	5408	5401	5643	5676	5571

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5566	5669	5318	5261	5523
5	5348	5338	5473	5282	5683
10	5359	5425	5801	5565	5656
15	5410	5609	5395	5545	5521
20	5702	5454	5567	5525	5266
25	5605	5551	5689	5658	5251
30	5384	5700	5515	5510	5530
35	5391	5558	5496	5706	5483
40	5552	5518	5430	5406	5629
45	5433	5461	5662	5649	5476
50	5355	5466	5692	5519	5589
55	5562	5604	5606	5349	5682
60	5322	5450	5336	5305	5269
65	5301	5721	5564	5465	5316
70	5434	5371	5508	5718	5394
75	5614	5290	5529	5621	5643
80	5258	5343	5268	5693	5262
85	5347	5617	5488	5599	5671
90	5516	5334	5429	5503	5439
95	5252	5456	5627	5574	5550

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5346	5433	5254	5422	5365
5	5390	5360	5548	5348	5415
10	5290	5689	5264	5285	5677
15	5401	5639	5498	5590	5529
20	5393	5395	5656	5532	5457
25	5657	5318	5692	5293	5273
30	5255	5284	5253	5530	5649
35	5292	5384	5397	5391	5698
40	5368	5646	5626	5362	5441
45	5270	5707	5717	5720	5570
50	5300	5288	5323	5558	5280
55	5428	5577	5478	5372	5364
60	5379	5259	5251	5674	5693
65	5337	5456	5268	5485	5517
70	5374	5357	5597	5266	5510
75	5398	5278	5514	5410	5331
80	5690	5347	5459	5451	5316
85	5636	5470	5721	5629	5594
90	5353	5440	5321	5442	5511
95	5611	5472	5432	5508	5261

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5601	5672	5665	5486	5585
5	5529	5382	5623	5511	5622
10	5696	5478	5305	5480	5698
15	5489	5291	5538	5607	5537
20	5462	5433	5648	5471	5420
25	5406	5385	5422	5251	5432
30	5637	5614	5470	5436	5548
35	5669	5265	5563	5634	5408
40	5705	5306	5314	5421	5353
45	5668	5485	5507	5596	5569
50	5621	5389	5586	5267	5362
55	5512	5722	5451	5309	5686
60	5560	5294	5497	5642	5276
65	5288	5546	5557	5503	5377
70	5584	5573	5476	5710	5379
75	5479	5491	5650	5388	5295
80	5574	5394	5687	5652	5250
85	5398	5411	5504	5521	5494
90	5352	5284	5456	5474	5678
95	5373	5459	5566	5595	5370

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5284	5436	5601	5647	5427
5	5571	5307	5698	5674	5451
10	5530	5267	5346	5578	5719
15	5577	5418	5607	5583	5324
20	5448	5628	5374	5262	5444
25	5686	5258	5588	5526	5285
30	5474	5623	5685	5271	5711
35	5356	5456	5312	5322	5544
40	5389	5554	5717	5598	5401
45	5251	5538	5394	5472	5270
50	5672	5478	5409	5589	5550
55	5466	5563	5541	5422	5261
60	5702	5254	5518	5483	5715
65	5591	5498	5618	5252	5629
70	5489	5477	5433	5549	5435
75	5582	5499	5622	5551	5263
80	5457	5684	5372	5603	5469
85	5475	5449	5462	5411	5463
90	5482	5573	5621	5676	5268
95	5390	5714	5657	5503	5281

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5539	5675	5537	5333	5647
5	5613	5329	5298	5362	5658
10	5461	5531	5387	5265	5665
15	5545	5710	5628	5516	5456
20	5697	5315	5254	5417	5574
25	5585	5316	5252	5319	5512
30	5528	5328	5566	5375	5544
35	5465	5711	5480	5472	5657
40	5714	5430	5381	5519	5309
45	5591	5659	5348	5446	5723
50	5567	5707	5533	5641	5420
55	5278	5263	5393	5293	5392
60	5674	5350	5661	5521	5540
65	5330	5413	5530	5323	5475
70	5282	5525	5394	5551	5619
75	5668	5453	5582	5511	5332
80	5427	5617	5681	5664	5654
85	5534	5698	5337	5526	5515
90	5370	5614	5468	5445	5345
95	5494	5590	5676	5660	5272

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5319	5439	5473	5494	5489
5	5655	5254	5373	5428	5390
10	5392	5417	5493	5286	5656
15	5672	5338	5576	5708	5464
20	5388	5353	5343	5365	5534
25	5519	5356	5558	5401	5485
30	5543	5611	5289	5514	5635
35	5523	5715	5722	5652	5498
40	5559	5711	5359	5361	5602
45	5270	5644	5546	5622	5299
50	5433	5380	5354	5374	5468
55	5557	5364	5422	5716	5657
60	5610	5704	5287	5540	5683
65	5333	5395	5580	5606	5501
70	5520	5642	5336	5434	5621
75	5588	5680	5678	5384	5531
80	5496	5497	5415	5302	5480
85	5288	5568	5304	5474	5479
90	5605	5603	5607	5256	5539
95	5251	5445	5675	5596	5271

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5574	5300	5409	5655	5709
5	5319	5276	5448	5591	5694
10	5701	5681	5469	5688	5307
15	5269	5702	5441	5621	5425
20	5375	5554	5294	5335	5383
25	5253	5386	5625	5460	5387
30	5697	5442	5283	5288	5584
35	5556	5251	5416	5393	5636
40	5633	5260	5436	5708	5341
45	5685	5328	5336	5478	5323
50	5350	5367	5256	5324	5542
55	5658	5376	5713	5551	5722
60	5661	5586	5533	5650	5438
65	5372	5575	5611	5564	5544
70	5583	5455	5477	5312	5392
75	5287	5382	5415	5634	5389
80	5268	5578	5579	5434	5338
85	5607	5645	5536	5388	5480
90	5487	5615	5624	5311	5250
95	5534	5608	5548	5398	5691

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5257	5539	5345	5341	5551
5	5361	5676	5523	5279	5426
10	5632	5470	5510	5408	5328
15	5357	5354	5544	5666	5617
20	5383	5623	5710	5424	5336
25	5616	5335	5353	5564	5421
30	5264	5276	5399	5498	5537
35	5307	5695	5342	5687	5546
40	5550	5472	5343	5374	5467
45	5705	5595	5699	5293	5386
50	5275	5698	5499	5401	5456
55	5554	5646	5255	5282	5373
60	5573	5684	5680	5412	5606
65	5418	5359	5596	5271	5387
70	5262	5582	5370	5414	5636
75	5530	5683	5682	5356	5407
80	5525	5396	5388	5269	5625
85	5347	5428	5575	5299	5434
90	5277	5520	5702	5610	5485
95	5586	5634	5583	5450	5369

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5512	5303	5281	5502	5296
5	5403	5698	5598	5442	5633
10	5563	5259	5551	5506	5349
15	5445	5481	5550	5711	5334
20	5391	5314	5273	5416	5309
25	5407	5662	5556	5290	5358
30	5306	5262	5356	5616	5689
35	5602	5359	5433	5483	5321
40	5561	5311	5523	5312	5707
45	5324	5524	5679	5376	5444
50	5706	5488	5705	5675	5452
55	5545	5377	5590	5443	5392
60	5655	5577	5648	5250	5660
65	5542	5472	5336	5298	5414
70	5595	5330	5613	5686	5531
75	5332	5708	5527	5668	5474
80	5640	5282	5406	5511	5491
85	5572	5591	5337	5594	5419
90	5478	5439	5460	5589	5387
95	5629	5280	5421	5693	5469

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5292	5542	5692	5586	5613
5	5445	5623	5673	5508	5385
10	5397	5523	5689	5701	5370
15	5436	5608	5653	5659	5302
20	5383	5505	5282	5295	5514
25	5284	5394	5392	5626	5313
30	5356	5463	5422	5498	5621
35	5279	5474	5475	5722	5606
40	5250	5375	5321	5459	5405
45	5484	5376	5503	5634	5578
50	5437	5631	5568	5278	5686
55	5267	5593	5557	5583	5585
60	5285	5334	5624	5532	5398
65	5402	5599	5311	5380	5308
70	5664	5677	5550	5714	5455
75	5320	5662	5554	5569	5715
80	5543	5443	5490	5708	5604
85	5489	5595	5421	5511	5297
90	5476	5299	5703	5448	5382
95	5614	5404	5573	5251	5326

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5547	5306	5628	5252	5358
5	5584	5645	5273	5671	5669
10	5328	5409	5255	5421	5391
15	5524	5260	5281	5704	5340
20	5310	5549	5630	5497	5561
25	5463	5487	5498	5426	5515
30	5270	5571	5615	5620	5540
35	5712	5647	5627	5389	5689
40	5663	5318	5285	5639	5542
45	5337	5640	5360	5552	5554
50	5345	5401	5381	5344	5522
55	5371	5505	5500	5495	5432
60	5538	5486	5531	5496	5709
65	5456	5327	5676	5585	5314
70	5284	5623	5670	5382	5436
75	5572	5502	5443	5267	5617
80	5566	5506	5715	5375	5706
85	5311	5444	5481	5424	5654
90	5601	5298	5479	5283	5330
95	5485	5434	5499	5721	5560

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5327	5545	5564	5413	5675
5	5626	5570	5348	5359	5401
10	5637	5673	5296	5616	5412
15	5612	5290	5384	5274	5532
20	5318	5618	5668	5586	5703
25	5449	5315	5593	5602	5460
30	5529	5501	5702	5311	5389
35	5440	5679	5328	5443	5402
40	5303	5400	5297	5601	5380
45	5689	5619	5625	5521	5390
50	5527	5711	5253	5605	5434
55	5699	5435	5476	5561	5471
60	5624	5597	5483	5332	5477
65	5319	5658	5309	5666	5694
70	5479	5643	5571	5317	5456
75	5260	5582	5518	5428	5417
80	5349	5515	5431	5302	5466
85	5701	5692	5566	5423	5654
90	5495	5254	5622	5344	5704
95	5392	5653	5588	5331	5267

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5485	5309	5500	5574	5420
5	5668	5592	5423	5522	5608
10	5568	5462	5337	5336	5433
15	5700	5417	5487	5319	5724
20	5704	5609	5578	5676	5715
25	5264	5321	5328	5494	5390
30	5659	5429	5541	5638	5343
35	5419	5714	5555	5314	5477
40	5442	5620	5312	5521	5599
45	5708	5482	5443	5317	5490
50	5656	5523	5647	5623	5430
55	5276	5278	5287	5525	5625
60	5633	5520	5607	5345	5498
65	5489	5282	5654	5305	5711
70	5435	5571	5398	5601	5480
75	5595	5365	5463	5421	5631
80	5529	5518	5619	5449	5502
85	5509	5710	5329	5438	5600
90	5445	5641	5348	5666	5691
95	5355	5259	5611	5693	5605

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5265	5548	5436	5260	5262
5	5710	5517	5498	5588	5437
10	5499	5251	5378	5434	5454
15	5691	5544	5493	5267	5441
20	5712	5550	5667	5649	5603
25	5591	5524	5432	5528	5279
30	5616	5644	5315	5458	5482
35	5510	5607	5708	5703	5650
40	5560	5380	5288	5406	5450
45	5316	5540	5496	5679	5366
50	5605	5707	5612	5723	5494
55	5336	5384	5466	5340	5413
60	5407	5452	5470	5457	5459
65	5721	5556	5284	5381	5463
70	5409	5640	5420	5629	5590
75	5500	5359	5555	5617	5379
80	5261	5662	5428	5460	5713
85	5521	5473	5589	5487	5275
90	5674	5716	5363	5320	5709
95	5462	5696	5332	5392	5645

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5520	5312	5372	5421	5482
5	5374	5539	5573	5276	5644
10	5333	5515	5419	5629	5475
15	5304	5671	5596	5633	5720
20	5544	5491	5659	5622	5443
25	5252	5536	5582	5277	5265
30	5384	5564	5656	5524	5601
35	5403	5386	5617	5489	5643
40	5318	5528	5282	5462	5399
45	5598	5452	5469	5717	5306
50	5283	5323	5546	5438	5338
55	5537	5287	5415	5289	5382
60	5412	5505	5320	5540	5651
65	5266	5481	5626	5478	5566
70	5459	5328	5578	5285	5360
75	5533	5273	5517	5351	5457
80	5433	5424	5315	5552	5427
85	5454	5426	5460	5364	5722
90	5397	5677	5343	5479	5316
95	5290	5624	5422	5373	5307

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5300	5551	5308	5582	5324
5	5416	5464	5648	5439	5376
10	5264	5401	5460	5349	5496
15	5392	5323	5699	5357	5350
20	5631	5613	5529	5273	5595
25	5282	5455	5640	5596	5629
30	5530	5599	5716	5476	5663
35	5314	5674	5636	5628	5328
40	5348	5256	5293	5400	5686
45	5442	5482	5559	5505	5356
50	5593	5334	5412	5369	5285
55	5712	5292	5371	5258	5568
60	5307	5360	5693	5683	5358
65	5270	5259	5275	5446	5544
70	5650	5612	5523	5327	5542
75	5418	5675	5698	5331	5341
80	5310	5383	5298	5515	5651
85	5454	5254	5522	5320	5658
90	5253	5462	5355	5397	5506
95	5525	5571	5305	5420	5696

Type 6 Radar Waveform_30

Frequency List (MHz)	0	1	2	3	4
0	5458	5315	5719	5268	5544
5	5486	5723	5602	5680	5670
10	5665	5501	5517	5480	5353
15	5327	5305	5639	5304	5470
20	5265	5568	5645	5561	5269
25	5630	5518	5390	5717	5490
30	5296	5405	5314	5542	5642
35	5431	5669	5533	5397	5615
40	5422	5565	5617	5558	5621
45	5372	5658	5385	5667	5704
50	5425	5721	5650	5697	5472
55	5402	5525	5509	5401	5500
60	5295	5582	5338	5347	5722
65	5695	5623	5554	5377	5644
70	5343	5474	5322	5562	5493
75	5679	5714	5354	5348	5571
80	5575	5285	5459	5447	5381
85	5694	5356	5368	5344	5464
90	5610	5386	5485	5628	5391
95	5400	5632	5691	5557	5625

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/18		
Test Item	Radar Statistical Performance Check (802.11ac-VHT40 mode - 5310MHz)		
Test Mode	Mode 1		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5291	1	16	5322	1
2	5294	1	17	5300	1
3	5295	1	18	5319	1
4	5329	1	19	5316	0
5	5313	1	20	5307	1
6	5326	1	21	5310	1
7	5316	1	22	5297	1
8	5317	1	23	5314	1
9	5326	1	24	5310	1
10	5307	1	25	5294	1
11	5308	1	26	5324	1
12	5296	1	27	5328	1
13	5317	1	28	5301	1
14	5321	1	29	5327	1
15	5315	1	30	5329	1
Detection Percentage (%)					96.7%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5291	1	16	5309	1
2	5321	1	17	5305	1
3	5315	1	18	5328	1
4	5327	1	19	5328	1
5	5315	1	20	5322	1
6	5301	0	21	5294	0
7	5296	0	22	5304	1
8	5294	1	23	5309	1
9	5303	1	24	5312	1
10	5327	1	25	5295	0
11	5293	0	26	5316	1
12	5324	1	27	5323	0
13	5316	1	28	5314	0
14	5310	1	29	5294	1
15	5300	1	30	5329	1
Detection Percentage (%)					76.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5291	0	16	5325	1
2	5318	1	17	5303	1
3	5327	1	18	5309	0
4	5322	1	19	5303	1
5	5291	1	20	5305	1
6	5319	1	21	5318	1
7	5310	1	22	5322	1
8	5310	0	23	5308	1
9	5316	0	24	5302	1
10	5296	1	25	5325	1
11	5319	0	26	5300	1
12	5303	1	27	5302	1
13	5302	0	28	5319	0
14	5297	1	29	5314	0
15	5294	1	30	5329	1
Detection Percentage (%)					73.3%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5291	1	16	5302	1
2	5299	1	17	5321	1
3	5312	1	18	5302	0
4	5323	1	19	5304	1
5	5313	1	20	5326	1
6	5291	1	21	5315	1
7	5312	0	22	5310	0
8	5309	1	23	5306	0
9	5303	1	24	5296	1
10	5326	1	25	5302	1
11	5314	1	26	5312	1
12	5322	1	27	5304	0
13	5326	0	28	5317	1
14	5326	1	29	5294	1
15	5299	1	30	5329	1
Detection Percentage (%)					80.0%

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%+76.7%+73.3%+80.0=%)/4 = 81.7% (>80%)

Type 1 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	518.0	102	52836.0
Download	1	Type 1	1.0	698.0	76	53048.0
Download	2	Type 1	1.0	758.0	70	53060.0
Download	3	Type 1	1.0	838.0	63	52794.0
Download	4	Type 1	1.0	938.0	57	53466.0
Download	5	Type 1	1.0	918.0	58	53244.0
Download	6	Type 1	1.0	658.0	81	53298.0
Download	7	Type 1	1.0	3068.0	18	55188.0
Download	8	Type 1	1.0	778.0	68	52904.0
Download	9	Type 1	1.0	858.0	62	53196.0
Download	10	Type 1	1.0	538.0	99	53262.0
Download	11	Type 1	1.0	818.0	65	53170.0
Download	12	Type 1	1.0	798.0	67	53466.0
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	2761.0	20	55220.0
Download	16	Type 1	1.0	2810.0	19	53390.0
Download	17	Type 1	1.0	1831.0	29	53099.0
Download	18	Type 1	1.0	2725.0	20	54500.0
Download	19	Type 1	1.0	532.0	100	53200.0
Download	20	Type 1	1.0	1768.0	30	53040.0
Download	21	Type 1	1.0	783.0	70	53410.0
Download	22	Type 1	1.0	2160.0	25	54000.0
Download	23	Type 1	1.0	3027.0	18	54486.0
Download	24	Type 1	1.0	1818.0	30	54480.0
Download	25	Type 1	1.0	1972.0	27	53244.0
Download	26	Type 1	1.0	2593.0	21	54453.0
Download	27	Type 1	1.0	2349.0	23	54027.0
Download	28	Type 1	1.0	2535.0	21	53235.0
Download	29	Type 1	1.0	695.0	76	52820.0

Type 2 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.5	189.0	28	5292.0
Download	1	Type 2	4.3	154.0	28	4312.0
Download	2	Type 2	3.6	224.0	27	6048.0
Download	3	Type 2	1.0	179.0	23	4117.0
Download	4	Type 2	1.9	181.0	24	4344.0
Download	5	Type 2	1.1	213.0	23	4899.0
Download	6	Type 2	2.2	170.0	25	4250.0
Download	7	Type 2	1.8	218.0	24	5232.0
Download	8	Type 2	3.5	187.0	27	5049.0
Download	9	Type 2	3.8	198.0	27	5346.0
Download	10	Type 2	2.1	219.0	24	5256.0
Download	11	Type 2	1.2	226.0	23	5198.0
Download	12	Type 2	1.9	176.0	24	4224.0
Download	13	Type 2	4.3	204.0	28	5712.0
Download	14	Type 2	3.1	153.0	26	3978.0
Download	15	Type 2	1.4	209.0	23	4807.0
Download	16	Type 2	3.2	175.0	26	4550.0
Download	17	Type 2	1.6	225.0	24	5400.0
Download	18	Type 2	1.2	186.0	23	4278.0
Download	19	Type 2	1.9	184.0	24	4416.0
Download	20	Type 2	5.0	188.0	29	5452.0
Download	21	Type 2	1.5	196.0	23	4508.0
Download	22	Type 2	2.8	177.0	26	4602.0
Download	23	Type 2	4.4	208.0	28	5824.0
Download	24	Type 2	4.9	174.0	29	5046.0
Download	25	Type 2	4.6	194.0	29	5626.0
Download	26	Type 2	2.7	183.0	25	4575.0
Download	27	Type 2	3.8	220.0	27	5940.0
Download	28	Type 2	2.1	222.0	24	5328.0
Download	29	Type 2	1.8	160.0	24	3840.0

Type 3 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.5	278.0	18	4968.0
Download	1	Type 3	9.3	288.0	18	5184.0
Download	2	Type 3	8.8	465.0	17	7905.0
Download	3	Type 3	8.0	298.0	16	4768.0
Download	4	Type 3	8.9	349.0	16	5584.0
Download	5	Type 3	8.1	304.0	16	4864.0
Download	6	Type 3	7.2	412.0	16	6592.0
Download	7	Type 3	8.8	224.0	16	3584.0
Download	8	Type 3	8.5	207.0	17	3519.0
Download	9	Type 3	8.8	374.0	17	6358.0
Download	10	Type 3	7.1	346.0	16	5536.0
Download	11	Type 3	8.2	472.0	16	7552.0
Download	12	Type 3	8.9	483.0	16	7728.0
Download	13	Type 3	9.3	429.0	18	7722.0
Download	14	Type 3	8.1	243.0	17	4131.0
Download	15	Type 3	8.4	428.0	16	6848.0
Download	16	Type 3	8.2	500.0	17	8500.0
Download	17	Type 3	8.8	213.0	16	3408.0
Download	18	Type 3	8.2	403.0	16	6448.0
Download	19	Type 3	8.9	372.0	16	5952.0
Download	20	Type 3	10.0	417.0	18	7506.0
Download	21	Type 3	8.5	208.0	16	3328.0
Download	22	Type 3	7.8	442.0	17	7514.0
Download	23	Type 3	9.4	307.0	18	5526.0
Download	24	Type 3	9.9	222.0	18	3996.0
Download	25	Type 3	9.8	257.0	18	4626.0
Download	26	Type 3	7.7	305.0	17	5185.0
Download	27	Type 3	8.8	293.0	18	5274.0
Download	28	Type 3	7.1	309.0	16	4944.0
Download	29	Type 3	8.8	312.0	16	4992.0

Type 4 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	18.7	278.0	16	4416.0
Download	1	Type 4	18.3	288.0	16	4608.0
Download	2	Type 4	16.8	465.0	15	6975.0
Download	3	Type 4	11.0	298.0	12	3576.0
Download	4	Type 4	13.1	349.0	13	4537.0
Download	5	Type 4	11.3	304.0	12	3648.0
Download	6	Type 4	13.7	412.0	13	5356.0
Download	7	Type 4	12.8	224.0	13	2912.0
Download	8	Type 4	16.6	207.0	15	3105.0
Download	9	Type 4	16.8	374.0	15	5610.0
Download	10	Type 4	13.5	346.0	13	4498.0
Download	11	Type 4	11.8	472.0	12	5664.0
Download	12	Type 4	13.1	483.0	13	6279.0
Download	13	Type 4	18.4	429.0	16	6864.0
Download	14	Type 4	15.8	243.0	14	3402.0
Download	15	Type 4	11.9	428.0	12	5136.0
Download	16	Type 4	16.0	500.0	14	7000.0
Download	17	Type 4	12.4	213.0	12	2556.0
Download	18	Type 4	11.8	403.0	12	4836.0
Download	19	Type 4	13.1	372.0	13	4836.0
Download	20	Type 4	19.9	417.0	16	6672.0
Download	21	Type 4	12.2	208.0	12	2472.0
Download	22	Type 4	15.0	442.0	14	6188.0
Download	23	Type 4	18.8	307.0	16	4912.0
Download	24	Type 4	19.8	222.0	16	3552.0
Download	25	Type 4	19.0	257.0	16	4112.0
Download	26	Type 4	14.8	305.0	14	4270.0
Download	27	Type 4	17.3	293.0	15	4395.0
Download	28	Type 4	13.5	309.0	13	4017.0
Download	29	Type 4	12.3	312.0	12	3744.0

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5310	1	16	5293.4	1
2	5310	1	17	5296.2	1
3	5310	1	18	5293.8	1
4	5310	1	19	5293.4	1
5	5310	1	20	5294.2	0
6	5310	0	21	5321	1
7	5310	1	22	5326.2	1
8	5310	1	23	5324.2	1
9	5310	1	24	5321.8	1
10	5310	1	25	5321	1
11	5294.6	1	26	5321.4	1
12	5293.4	1	27	5324.6	1
13	5294.2	0	28	5322.6	1
14	5298.2	1	29	5325.4	1
15	5296.2	1	30	5326.2	0
Detection Percentage (%)					86.7%

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)
60727.0	92.7	18	3	1126.0	1076.0	1449.0
212632.0	90.5	18	3	1728.0	1445.0	1618.0
365407.0	82.0	18	2	1494.0	1992.0	–
519706.0	50.1	18	1	1100.0	–	–
42132.0	61.8	18	1	1195.0	–	–
194805.0	51.7	18	1	1888.0	–	–
347748.0	65.3	18	1	1484.0	–	–
500892.0	60.3	18	1	1074.0	–	–
23199.0	81.3	18	2	1987.0	1921.0	–
175599.0	82.2	18	2	1317.0	1982.0	–
328786.0	64.0	18	1	1749.0	–	–
482092.0	53.4	18	1	1027.0	–	–
4463.0	61.8	18	1	1824.0	–	–
156415.0	91.0	18	3	1873.0	1160.0	1929.0
309622.0	76.7	18	2	1368.0	1088.0	–
462974.0	55.0	18	1	1408.0	–	–
614117.0	77.9	18	2	1517.0	1624.0	–
138354.0	58.0	18	1	1965.0	–	–
291202.0	53.6	18	1	1647.0	–	–

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)
468585.0	61.9	17	1	1825.0	-	-
626095.0	99.0	17	3	1925.0	1855.0	1988.0
126374.0	57.0	17	1	1083.0	-	-
286859.0	72.0	17	2	1256.0	2000.0	-
447100.0	92.0	17	3	1066.0	1671.0	1493.0
608037.0	98.8	17	3	1136.0	1321.0	1473.0
106042.0	94.2	17	3	1058.0	1606.0	1220.0
267134.0	71.4	17	2	1228.0	1796.0	-
427447.0	84.7	17	3	1271.0	1594.0	1152.0
590599.0	63.9	17	1	1270.0	-	-
86522.0	57.6	17	1	1729.0	-	-
247506.0	76.6	17	2	1005.0	1488.0	-
408205.0	76.9	17	2	1968.0	1149.0	-
567936.0	85.2	17	3	1334.0	1893.0	1290.0
66582.0	68.8	17	2	1354.0	1123.0	-
227111.0	91.7	17	3	1280.0	1455.0	1372.0
389494.0	55.2	17	1	1216.0	-	-
550334.0	65.1	17	1	1884.0	-	-

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)
52603.0	69.2	15	2	1341.0	1155.0	-
233665.0	76.5	15	2	1665.0	1571.0	-
414772.0	74.7	15	2	1916.0	1331.0	-
595498.0	76.2	15	2	1789.0	1941.0	-
30232.0	71.1	15	2	1552.0	1942.0	-
211243.0	69.8	15	2	1871.0	1764.0	-
392567.0	67.5	15	2	1870.0	1180.0	-
572653.0	91.6	15	3	1723.0	1353.0	1371.0
7932.0	77.9	15	2	1748.0	1555.0	-
189398.0	56.9	15	1	1850.0	-	-
370467.0	70.4	15	2	1500.0	1117.0	-
551242.0	67.5	15	2	1360.0	1920.0	-
734409.0	63.3	15	1	1175.0	-	-
166558.0	90.5	15	3	1381.0	1392.0	1266.0
348756.0	64.9	15	1	1294.0	-	-
528129.0	95.0	15	3	1688.0	1390.0	1338.0

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)
1423427.0	73.1	5	2	1140.0	1894.0	-
289749.0	51.2	5	1	1861.0	-	-
652290.0	85.7	5	3	1276.0	1238.0	1192.0
1016002.0	68.5	5	2	1319.0	1189.0	-
1377620.0	90.1	5	3	1279.0	1572.0	1363.0
245030.0	51.4	5	1	1633.0	-	-
607598.0	67.7	5	2	1772.0	1911.0	-
971089.0	80.4	5	2	1709.0	1070.0	-

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)
969640.0	80.7	8	2	1769.0	1034.0	-
145214.0	96.4	8	3	1843.0	1038.0	1558.0
409016.0	73.6	8	2	1653.0	1994.0	-
673760.0	55.5	8	1	1952.0	-	-
935383.0	87.2	8	3	1650.0	1928.0	1258.0
112869.0	68.3	8	2	1924.0	1436.0	-
376343.0	93.1	8	3	1627.0	1532.0	1040.0
639918.0	99.3	8	3	1082.0	1747.0	1348.0
904148.0	71.4	8	2	1763.0	1616.0	-
80268.0	90.0	8	3	1509.0	1784.0	1564.0
344862.0	58.6	8	1	1091.0	-	-

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)
836959.0	81.6	5	2	1080.0	1601.0	-
1199643.0	78.9	5	2	1761.0	1496.0	-
65839.0	85.8	5	3	1638.0	1876.0	1304.0
429158.0	77.8	5	2	1107.0	1303.0	-
791335.0	87.3	5	3	1625.0	1499.0	1242.0
1156251.0	54.4	5	1	1545.0	-	-
21216.0	50.3	5	1	1646.0	-	-
384192.0	70.8	5	2	1933.0	1357.0	-

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)
542590.0	87.3	9	3	1097.0	1198.0	1746.0
808205.0	50.9	9	1	1323.0	-	-
1070733.0	67.2	9	2	1804.0	1278.0	-
247082.0	50.6	9	1	1563.0	-	-
510771.0	67.2	9	2	1199.0	1456.0	-
775520.0	61.6	9	1	1513.0	-	-
1037880.0	81.9	9	2	1505.0	1949.0	-
214555.0	62.0	9	1	1478.0	-	-
478043.0	67.6	9	2	1305.0	1842.0	-
742687.0	56.0	9	1	1934.0	-	-
1003781.0	86.7	9	3	1891.0	1432.0	1875.0

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)
200052.0	75.1	8	2	1567.0	1004.0	-
489996.0	67.8	8	2	1743.0	1977.0	-
781615.0	58.7	8	1	1444.0	-	-
1069733.0	94.4	8	3	1725.0	1374.0	1217.0
163931.0	95.6	8	3	1391.0	1736.0	1985.0
454301.0	74.7	8	2	1656.0	1950.0	-
744371.0	96.3	8	3	1210.0	1471.0	1075.0
1036565.0	62.0	8	1	1365.0	-	-
128632.0	54.4	8	1	1415.0	-	-
419453.0	59.6	8	1	1052.0	-	-

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)
443683.0	63.9	14	1	1020.0	-	-
624106.0	71.1	14	2	1413.0	1078.0	-
57740.0	96.1	14	3	1573.0	1659.0	1214.0
238923.0	73.3	14	2	1311.0	1999.0	-
420063.0	81.8	14	2	1785.0	1447.0	-
599608.0	83.4	14	3	1518.0	1835.0	1829.0
35591.0	66.1	14	1	1836.0	-	-
216252.0	87.3	14	3	1937.0	1335.0	1296.0
397870.0	73.4	14	2	1114.0	1901.0	-
577799.0	98.4	14	3	1213.0	1495.0	1904.0
13243.0	64.1	14	1	1687.0	-	-
193748.0	89.7	14	3	1986.0	1681.0	1800.0
375616.0	80.7	14	2	1248.0	1643.0	-
556549.0	80.4	14	2	1429.0	1817.0	-
737880.0	79.4	14	2	1619.0	1405.0	-
172337.0	63.4	14	1	1860.0	-	-

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)
352386.0	95.8	15	3	1813.0	1430.0	1575.0
535523.0	56.3	15	1	1453.0	-	-
713681.0	93.9	15	3	1462.0	1892.0	1636.0
150031.0	55.2	15	1	1637.0	-	-
331710.0	56.2	15	1	1237.0	-	-
512089.0	75.4	15	2	1683.0	1333.0	-
692151.0	93.2	15	3	1067.0	1940.0	1200.0
127034.0	84.8	15	3	1585.0	1974.0	1832.0
309439.0	64.8	15	1	1000.0	-	-
489030.0	90.9	15	3	1002.0	1806.0	1342.0
671773.0	72.8	15	2	1012.0	1077.0	-
104839.0	84.6	15	3	1524.0	1939.0	1579.0
285832.0	90.3	15	3	1476.0	1042.0	1695.0
468221.0	53.1	15	1	1797.0	-	-
646955.0	91.1	15	3	1298.0	1820.0	1821.0
82625.0	92.4	15	3	1576.0	1491.0	1602.0

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)
384052.0	95.9	9	3	1617.0	1287.0	1234.0
649148.0	61.2	9	1	1588.0	-	-
911903.0	73.4	9	2	1315.0	1990.0	-
88123.0	79.9	9	2	1073.0	1658.0	-
352016.0	71.1	9	2	1803.0	1003.0	-
615495.0	77.3	9	2	1877.0	1673.0	-
879162.0	85.4	9	3	1551.0	1062.0	1001.0
55574.0	78.3	9	2	1979.0	1543.0	-
319899.0	65.8	9	1	1482.0	-	-
582825.0	74.8	9	2	1963.0	1932.0	-
845854.0	94.2	9	3	1423.0	1437.0	1814.0

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)
31818.0	57.7	6	1	1483.0	-	-
394693.0	72.6	6	2	1853.0	1765.0	-
757528.0	85.5	6	3	1397.0	1183.0	1205.0
1119982.0	87.2	6	3	1191.0	1400.0	1762.0
1484800.0	78.4	6	2	1222.0	1037.0	-
350544.0	64.9	6	1	1247.0	-	-
713191.0	82.1	6	2	1868.0	1159.0	-
1076094.0	79.0	6	2	1759.0	1490.0	-

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)
1044305.0	89.9	8	3	1807.0	1254.0	1711.0
222046.0	68.2	8	2	1526.0	1007.0	-
485092.0	99.3	8	3	1261.0	1733.0	1599.0
751017.0	53.4	8	1	1025.0	-	-
1011447.0	88.5	8	3	1936.0	1533.0	1744.0
189486.0	77.9	8	2	1574.0	1223.0	-
454113.0	61.3	8	1	1055.0	-	-
718315.0	58.5	8	1	1241.0	-	-
979518.0	91.0	8	3	1960.0	1506.0	1186.0
157101.0	60.5	8	1	1953.0	-	-
420898.0	81.5	8	2	1735.0	1017.0	-

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)
416460.0	97.1	18	3	1755.0	1864.0	1297.0
578126.0	70.3	18	2	1628.0	1945.0	-
76072.0	57.2	18	1	1668.0	-	-
236840.0	71.7	18	2	1801.0	1308.0	-
396684.0	93.9	18	3	1998.0	1527.0	1402.0
558839.0	69.4	18	2	1678.0	1275.0	-
56225.0	57.0	18	1	1431.0	-	-
216396.0	99.6	18	3	1745.0	1680.0	1583.0
377453.0	92.3	18	3	1206.0	1187.0	1589.0
539166.0	68.5	18	2	1535.0	1227.0	-
36255.0	70.9	18	2	1557.0	1648.0	-
197543.0	65.5	18	1	1935.0	-	-
357029.0	89.4	18	3	1809.0	1613.0	1722.0
519408.0	81.5	18	2	1566.0	1099.0	-
16447.0	81.3	18	2	1272.0	1424.0	-
177012.0	85.5	18	3	1620.0	1686.0	1142.0
339145.0	62.1	18	1	1460.0	-	-
499617.0	79.4	18	2	1595.0	1010.0	-

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)
851050.0	53.7	13	1	1727.0	-	-
202552.0	94.5	13	3	1008.0	1930.0	1093.0
409836.0	69.7	13	2	1971.0	1273.0	-
618469.0	58.1	13	1	1119.0	-	-
824419.0	74.1	13	2	1726.0	1116.0	-
177642.0	51.2	13	1	1257.0	-	-
384792.0	74.2	13	2	1146.0	1065.0	-
589882.0	96.6	13	3	1734.0	1838.0	1899.0
799792.0	57.8	13	1	1885.0	-	-
151506.0	84.9	13	3	1102.0	1872.0	1475.0
359476.0	51.9	13	1	1675.0	-	-
567333.0	59.8	13	1	1103.0	-	-
772424.0	68.7	13	2	1984.0	1909.0	-
125918.0	94.5	13	3	1708.0	1858.0	1655.0

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)
519155.0	67.7	6	2	1684.0	1629.0	-
841414.0	84.4	6	3	1252.0	1540.0	1015.0
1164478.0	77.7	6	2	1698.0	1410.0	-
156921.0	73.8	6	2	1577.0	1130.0	-
480123.0	50.4	6	1	1366.0	-	-
803312.0	50.9	6	1	1125.0	-	-
1123425.0	91.6	6	3	1676.0	1741.0	1244.0
117155.0	67.7	6	2	1352.0	1516.0	-
439933.0	71.3	6	2	1492.0	1079.0	-

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)
457517.0	65.4	13	1	1707.0	-	-
648907.0	89.8	13	3	1165.0	1409.0	1856.0
46470.0	60.5	13	1	1286.0	-	-
239754.0	68.9	13	2	1608.0	1108.0	-
433999.0	52.6	13	1	1098.0	-	-
827561.0	59.9	13	1	1349.0	-	-
22562.0	71.9	13	2	1151.0	1798.0	-
216307.0	57.1	13	1	1346.0	-	-
408152.0	92.5	13	3	1590.0	1981.0	1385.0
600824.0	99.2	13	3	1751.0	1667.0	1738.0
795291.0	79.2	13	2	1914.0	1548.0	-
191734.0	87.3	13	3	1048.0	1489.0	1771.0
386094.0	66.1	13	1	1454.0	-	-
579977.0	61.7	13	1	1163.0	-	-
770516.0	89.0	13	3	1841.0	1133.0	1497.0

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)
252338.0	96.2	7	3	1167.0	1508.0	1922.0
543708.0	56.0	7	1	1406.0	-	-
831515.0	97.5	7	3	1882.0	1731.0	1944.0
1121967.0	97.3	7	3	1993.0	1520.0	1233.0
217274.0	61.6	7	1	1018.0	-	-
507139.0	72.1	7	2	1534.0	1670.0	-
796660.0	97.6	7	3	1427.0	1145.0	1742.0
1087375.0	82.5	7	2	1812.0	1705.0	-
180913.0	99.8	7	3	1419.0	1293.0	1886.0
471486.0	76.5	7	2	1188.0	1760.0	-

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)
951450.0	97.8	6	3	1351.0	1956.0	1652.0
1317436.0	54.9	6	1	1101.0	-	-
182047.0	53.8	6	1	1264.0	-	-
545508.0	57.4	6	1	1345.0	-	-
906576.0	85.1	6	3	1991.0	1730.0	1586.0
1272354.0	61.2	6	1	1458.0	-	-
136921.0	87.8	6	3	1778.0	1700.0	1623.0
499415.0	86.0	6	3	1679.0	1905.0	1716.0

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)
627116.0	73.1	8	2	1522.0	1883.0	-
892065.0	54.2	8	1	1946.0	-	-
67121.0	68.4	8	2	1539.0	1834.0	-
331476.0	63.6	8	1	1422.0	-	-
594669.0	82.3	8	2	1788.0	1541.0	-
859271.0	71.5	8	2	1174.0	1104.0	-
34626.0	86.7	8	3	1041.0	1403.0	1112.0
298166.0	85.9	8	3	1536.0	1049.0	1615.0
562432.0	77.8	8	2	1790.0	1047.0	-
827684.0	59.5	8	1	1046.0	-	-
2145.0	60.6	8	1	1694.0	-	-

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)
145530.0	89.6	20	3	1542.0	1732.0	1514.0
291489.0	57.2	20	1	1501.0	-	-
436511.0	51.6	20	1	1682.0	-	-
580062.0	72.6	20	2	1826.0	1461.0	-
127808.0	88.7	20	3	1386.0	1954.0	1169.0
273080.0	77.7	20	2	1510.0	1147.0	-
416796.0	94.4	20	3	1022.0	1713.0	1578.0
564334.0	53.4	20	1	1060.0	-	-
110031.0	94.3	20	3	1417.0	1177.0	1848.0
255564.0	56.0	20	1	1887.0	-	-
398988.0	99.2	20	3	1394.0	1143.0	1795.0
544600.0	67.8	20	2	1172.0	1906.0	-
92722.0	57.2	20	1	1326.0	-	-
237771.0	60.7	20	1	1699.0	-	-
381331.0	92.5	20	3	1014.0	1309.0	1792.0
528418.0	54.9	20	1	1207.0	-	-
74828.0	55.0	20	1	1395.0	-	-
219393.0	68.1	20	2	1487.0	1582.0	-
363080.0	99.8	20	3	1105.0	1777.0	1970.0
510606.0	57.3	20	1	1118.0	-	-

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)
126497.0	88.0	7	3	1260.0	1132.0	1208.0
448595.0	91.4	7	3	1972.0	1802.0	1021.0
772490.0	51.2	7	1	1896.0	-	-
1093548.0	93.1	7	3	1190.0	1194.0	1770.0
86917.0	57.5	7	1	1378.0	-	-
409343.0	70.5	7	2	1674.0	1703.0	-
731785.0	82.6	7	2	1739.0	1845.0	-
1054656.0	73.8	7	2	1259.0	1865.0	-
47089.0	76.0	7	2	1059.0	1344.0	-

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)
256089.0	60.6	12	1	1604.0	-	-
478874.0	75.8	12	2	1239.0	1712.0	-
700628.0	94.4	12	3	1704.0	1907.0	1181.0
5059.0	88.1	12	3	1129.0	1947.0	1224.0
228437.0	71.8	12	2	1006.0	1096.0	-
452159.0	60.2	12	1	1375.0	-	-
674486.0	69.3	12	2	1890.0	1141.0	-
896347.0	96.2	12	3	1677.0	1580.0	1085.0
200794.0	82.3	12	2	1664.0	1031.0	-
424717.0	65.1	12	1	1171.0	-	-
647045.0	79.8	12	2	1641.0	1327.0	-
868921.0	90.7	12	3	1512.0	1306.0	1503.0
173539.0	57.7	12	1	1414.0	-	-

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)
284847.0	93.5	18	3	1912.0	1816.0	1766.0
446387.0	79.9	18	2	1752.0	1983.0	-
608192.0	73.9	18	2	1367.0	1251.0	-
104959.0	86.5	18	3	1519.0	1179.0	1412.0
266815.0	61.1	18	1	1204.0	-	-
427824.0	52.8	18	1	1805.0	-	-
586329.0	89.9	18	3	1630.0	1549.0	1724.0
85447.0	66.6	18	1	1918.0	-	-
246536.0	81.6	18	2	1255.0	1023.0	-
407163.0	67.7	18	2	1691.0	1416.0	-
568385.0	78.0	18	2	1525.0	1246.0	-
65669.0	52.1	18	1	1106.0	-	-
226591.0	72.6	18	2	1324.0	1240.0	-
386898.0	98.2	18	3	1776.0	1019.0	1068.0
549794.0	55.9	18	1	1267.0	-	-
45790.0	58.6	18	1	1045.0	-	-
207060.0	65.1	18	1	1570.0	-	-
367383.0	68.1	18	2	1791.0	1556.0	-

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)
474882.0	95.2	20	3	1310.0	1218.0	1176.0
23257.0	70.6	20	2	1063.0	1347.0	-
167893.0	77.4	20	2	1773.0	1697.0	-
311559.0	83.7	20	3	1989.0	1593.0	1818.0
457762.0	80.3	20	2	1531.0	1268.0	-
5410.0	54.8	20	1	1780.0	-	-
150252.0	79.8	20	2	1452.0	1302.0	-
294382.0	85.5	20	3	1822.0	1157.0	1235.0
440573.0	50.5	20	1	1913.0	-	-
584817.0	73.1	20	2	1383.0	1359.0	-
132594.0	58.7	20	1	1923.0	-	-
277220.0	72.7	20	2	1719.0	1122.0	-
423129.0	53.0	20	1	1314.0	-	-
566901.0	69.9	20	2	1380.0	1439.0	-
114783.0	66.6	20	1	1632.0	-	-
259497.0	80.3	20	2	1420.0	1153.0	-
403200.0	98.0	20	3	1463.0	1645.0	1226.0
549329.0	71.3	20	2	1086.0	1441.0	-
96587.0	69.1	20	2	1690.0	1917.0	-
241652.0	71.0	20	2	1337.0	1230.0	-

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)
407387.0	59.4	19	1	1938.0	-	-
559001.0	79.7	19	2	1779.0	1388.0	-
82750.0	84.0	19	3	1587.0	1560.0	1910.0
235915.0	59.4	19	1	1815.0	-	-
388234.0	79.0	19	2	1139.0	1355.0	-
541344.0	58.0	19	1	1869.0	-	-
64369.0	66.3	19	1	1768.0	-	-
216315.0	85.9	19	3	1528.0	1515.0	1054.0
367903.0	99.2	19	3	1265.0	1881.0	1966.0
522915.0	62.0	19	1	1407.0	-	-
45574.0	63.3	19	1	1479.0	-	-
197623.0	87.6	19	3	1250.0	1376.0	1301.0
350398.0	67.1	19	2	1915.0	1026.0	-
501091.0	97.0	19	3	1863.0	1827.0	1465.0
26665.0	84.7	19	3	1418.0	1036.0	1043.0
179119.0	70.1	19	2	1666.0	1396.0	-
331859.0	80.3	19	2	1050.0	1434.0	-
485385.0	59.8	19	1	1249.0	-	-
7887.0	99.6	19	3	1283.0	1830.0	1502.0

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)
234873.0	69.1	11	2	1120.0	1289.0	-
458671.0	56.7	11	1	1389.0	-	-
681071.0	75.7	11	2	1288.0	1639.0	-
905873.0	52.3	11	1	1262.0	-	-
207112.0	66.7	11	2	1669.0	1879.0	-
431031.0	57.9	11	1	1614.0	-	-
654828.0	58.9	11	1	1173.0	-	-
878435.0	64.7	11	1	1156.0	-	-
180056.0	58.0	11	1	1426.0	-	-
402675.0	85.5	11	3	1193.0	1202.0	1111.0
624745.0	92.4	11	3	1229.0	1926.0	1754.0
850931.0	50.2	11	1	1115.0	-	-
151967.0	84.6	11	3	1693.0	1379.0	1710.0

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)
286131.0	89.5	16	3	1951.0	1336.0	1329.0
456279.0	94.1	16	3	1867.0	1330.0	1313.0
628972.0	58.7	16	1	1612.0	-	-
95467.0	65.4	16	1	1927.0	-	-
265081.0	86.7	16	3	1362.0	1878.0	1640.0
436546.0	68.0	16	2	1253.0	1292.0	-
608139.0	54.6	16	1	1373.0	-	-
74354.0	72.3	16	2	1370.0	1332.0	-
244232.0	88.5	16	3	1470.0	1144.0	2000.0
414820.0	93.9	16	3	1090.0	1277.0	1387.0
584490.0	86.3	16	3	1450.0	1084.0	1962.0
53296.0	88.5	16	3	1092.0	1127.0	1158.0
224128.0	59.8	16	1	1957.0	-	-
394477.0	71.1	16	2	1554.0	1071.0	-
565667.0	55.5	16	1	1844.0	-	-
32416.0	56.1	16	1	1064.0	-	-
202086.0	85.3	16	3	1663.0	1847.0	1958.0

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)
576775.0	96.6	9	3	1866.0	1411.0	1538.0
840516.0	100.0	9	3	1547.0	1607.0	1236.0
17508.0	88.1	9	3	1446.0	1318.0	1819.0
281376.0	71.7	9	2	1718.0	1322.0	-
544283.0	100.0	9	3	1457.0	1626.0	1823.0
810540.0	64.3	9	1	1051.0	-	-
1071969.0	83.8	9	3	1559.0	1245.0	1184.0
248941.0	77.4	9	2	1095.0	1661.0	-
512954.0	67.3	9	2	1377.0	1164.0	-
777492.0	51.5	9	1	1737.0	-	-
1040916.0	70.1	9	2	1384.0	1121.0	-

Type 5 Radar Waveform_30

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
264262.0	93.4	7	3	1361.0	1474.0	1880.0
587994.0	58.2	7	1	1316.0	-	-
910974.0	50.3	7	1	1428.0	-	-
1234274.0	56.7	7	1	1135.0	-	-
225138.0	61.8	7	1	1356.0	-	-
547739.0	78.8	7	2	1300.0	1138.0	-
869501.0	98.1	7	3	1215.0	1263.0	1523.0
1192937.0	73.1	7	2	1689.0	1162.0	-
185059.0	88.2	7	3	1030.0	1178.0	1212.0

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	0	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 (%)			93.3%

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5466	5641	5321	5396	5577
5	5367	5633	5613	5388	5424
10	5255	5687	5591	5430	5548
15	5293	5327	5576	5449	5671
20	5512	5560	5679	5417	5578
25	5475	5507	5695	5482	5678
30	5416	5656	5291	5686	5398
35	5605	5603	5715	5521	5275
40	5331	5411	5463	5622	5710
45	5274	5513	5439	5393	5683
50	5640	5630	5631	5251	5682
55	5285	5478	5435	5258	5501
60	5378	5647	5566	5400	5699
65	5447	5320	5556	5497	5487
70	5518	5681	5490	5711	5694
75	5586	5273	5266	5386	5305
80	5533	5690	5404	5380	5583
85	5619	5718	5403	5494	5410
90	5302	5696	5636	5717	5420
95	5377	5402	5419	5297	5306

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5624	5405	5257	5557	5419
5	5506	5655	5688	5551	5631
10	5661	5573	5632	5528	5569
15	5381	5454	5679	5494	5388
20	5423	5251	5620	5409	5266
25	5359	5586	5712	5458	5465
30	5613	5363	5693	5555	5696
35	5399	5393	5435	5589	5414
40	5349	5606	5619	5639	5501
45	5357	5571	5492	5280	5462
50	5341	5681	5720	5510	5353
55	5403	5397	5579	5352	5564
60	5446	5685	5473	5512	5698
65	5648	5483	5530	5351	5300
70	5559	5562	5618	5657	5449
75	5680	5316	5362	5567	5525
80	5253	5522	5550	5707	5593
85	5343	5678	5487	5672	5651
90	5507	5659	5416	5336	5481
95	5270	5259	5475	5469	5408

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5404	5644	5668	5718	5639
5	5548	5580	5288	5617	5363
10	5495	5362	5295	5723	5590
15	5469	5581	5307	5539	5677
20	5431	5320	5658	5498	5524
25	5629	5308	5529	5312	5271
30	5597	5451	5570	5721	5612
35	5513	5694	5292	5643	5446
40	5525	5594	5287	5371	5616
45	5568	5481	5440	5448	5545
50	5338	5517	5257	5334	5333
55	5541	5357	5587	5301	5323
60	5693	5588	5391	5614	5299
65	5458	5424	5519	5253	5621
70	5377	5633	5408	5649	5436
75	5505	5302	5303	5714	5528
80	5430	5427	5593	5660	5403
85	5395	5452	5628	5705	5349
90	5273	5282	5276	5530	5442
95	5286	5351	5511	5437	5390

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5659	5408	5604	5404	5481
5	5590	5602	5363	5305	5667
10	5426	5626	5336	5443	5611
15	5557	5410	5584	5394	5439
20	5486	5599	5490	5497	5420
25	5635	5257	5416	5639	5340
30	5527	5364	5289	5711	5261
35	5500	5563	5321	5360	5677
40	5700	5710	5400	5461	5523
45	5501	5432	5689	5693	5308
50	5423	5534	5254	5311	5680
55	5595	5294	5250	5278	5433
60	5446	5697	5625	5546	5458
65	5572	5513	5284	5325	5631
70	5721	5701	5609	5367	5521
75	5459	5551	5529	5554	5473
80	5559	5306	5591	5427	5719
85	5496	5502	5366	5320	5672
90	5525	5514	5307	5623	5391
95	5390	5585	5330	5614	5485

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5439	5647	5540	5585	5701
5	5254	5527	5438	5468	5399
10	5357	5415	5377	5638	5632
15	5548	5263	5513	5532	5586
20	5350	5652	5579	5470	5308
25	5584	5460	5520	5339	5681
30	5704	5484	5538	5531	5400
35	5591	5359	5474	5274	5678
40	5285	5376	5707	5329	5344
45	5606	5648	5554	5697	5394
50	5609	5442	5265	5395	5414
55	5379	5443	5378	5278	5523
60	5447	5448	5495	5494	5404
65	5405	5562	5617	5724	5550
70	5488	5326	5490	5694	5607
75	5331	5486	5340	5654	5424
80	5496	5441	5682	5631	5445
85	5723	5679	5719	5505	5500
90	5407	5640	5410	5557	5687
95	5717	5358	5580	5286	5252

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5694	5411	5476	5251	5543
5	5296	5549	5513	5631	5606
10	5666	5679	5418	5358	5653
15	5636	5390	5519	5577	5303
20	5721	5578	5571	5443	5574
25	5436	5663	5624	5373	5345
30	5690	5441	5319	5254	5539
35	5682	5630	5724	5285	5517
40	5368	5479	5704	5324	5689
45	5706	5607	5584	5344	5570
50	5410	5698	5655	5585	5611
55	5614	5508	5608	5323	5446
60	5393	5649	5444	5433	5675
65	5365	5566	5603	5349	5302
70	5464	5362	5699	5265	5588
75	5486	5596	5634	5339	5421
80	5399	5283	5389	5628	5693
85	5369	5537	5278	5387	5512
90	5424	5695	5491	5552	5416
95	5281	5473	5259	5696	5267

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5377	5650	5412	5288	5338
5	5474	5588	5697	5435	5597
10	5565	5459	5456	5674	5724
15	5517	5622	5495	5386	5519
20	5660	5416	5462	5391	5350
25	5407	5387	5579	5398	5534
30	5464	5549	5581	5298	5523
35	5402	5356	5548	5417	5284
40	5701	5304	5297	5667	5374
45	5695	5271	5461	5312	5478
50	5574	5343	5648	5300	5430
55	5585	5637	5268	5272	5339
60	5472	5393	5469	5446	5470
65	5643	5260	5589	5352	5626
70	5440	5719	5331	5344	5408
75	5569	5263	5706	5323	5418
80	5354	5302	5494	5593	5636
85	5369	5266	5640	5690	5647
90	5621	5441	5275	5475	5450
95	5448	5376	5673	5628	5276

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5632	5414	5348	5573	5605
5	5380	5496	5663	5385	5642
10	5528	5354	5500	5651	5695
15	5337	5644	5250	5667	5687
20	5277	5481	5460	5652	5389
25	5350	5712	5497	5454	5441
30	5429	5585	5355	5616	5272
35	5720	5319	5555	5588	5292
40	5631	5524	5698	5494	5284
45	5713	5261	5571	5447	5512
50	5401	5679	5421	5434	5602
55	5490	5724	5556	5291	5463
60	5310	5346	5382	5673	5342
65	5505	5658	5362	5349	5332
70	5672	5452	5475	5416	5678
75	5464	5550	5515	5719	5633
80	5390	5465	5318	5549	5302
85	5539	5412	5686	5461	5617
90	5561	5699	5646	5529	5255
95	5458	5330	5459	5527	5551

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5412	5653	5284	5637	5350
5	5519	5421	5263	5548	5374
10	5362	5618	5541	5371	5716
15	5328	5674	5353	5615	5404
20	5285	5647	5498	5266	5616
25	5564	5700	5558	5475	5471
30	5454	5312	5392	5390	5567
35	5384	5577	5590	5330	5599
40	5606	5714	5293	5667	5695
45	5326	5264	5463	5308	5669
50	5526	5623	5563	5587	5502
55	5365	5622	5459	5680	5543
60	5527	5420	5628	5255	5496
65	5291	5444	5488	5632	5627
70	5501	5658	5455	5324	5487
75	5597	5531	5292	5354	5414
80	5554	5625	5315	5366	5381
85	5375	5306	5426	5641	5389
90	5652	5283	5314	5267	5572
95	5385	5540	5721	5409	5654

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5667	5417	5695	5323	5561
5	5443	5338	5711	5678	5293
10	5407	5582	5566	5262	5416
15	5326	5456	5660	5596	5716
20	5439	5258	5335	5504	5513
25	5428	5662	5509	5610	5343
30	5269	5607	5542	5290	5523
35	5668	5483	5445	5419	5706
40	5432	5314	5255	5719	5546
45	5722	5413	5701	5324	5614
50	5676	5325	5687	5395	5265
55	5401	5452	5318	5675	5485
60	5322	5274	5697	5715	5480
65	5698	5524	5430	5573	5644
70	5458	5648	5368	5499	5616
75	5512	5544	5464	5670	5718
80	5688	5312	5583	5320	5435
85	5498	5294	5692	5638	5579
90	5554	5658	5671	5376	5589
95	5440	5619	5388	5282	5592

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5350	5656	5631	5484	5412
5	5603	5368	5413	5399	5410
10	5699	5671	5720	5286	5283
15	5504	5453	5462	5705	5679
20	5407	5380	5347	5308	5295
25	5365	5388	5543	5652	5329
30	5701	5316	5585	5565	5284
35	5279	5636	5427	5502	5644
40	5672	5311	5562	5629	5327
45	5300	5678	5577	5500	5665
50	5290	5623	5523	5367	5488
55	5559	5372	5581	5483	5620
60	5317	5695	5423	5664	5419
65	5530	5319	5708	5645	5630
70	5558	5400	5722	5458	5252
75	5493	5477	5451	5276	5309
80	5281	5583	5637	5398	5690
85	5259	5646	5411	5302	5719
90	5254	5456	5606	5495	5508
95	5517	5385	5315	5481	5526

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5605	5420	5567	5645	5254
5	5390	5488	5465	5617	5533
10	5557	5286	5384	5304	5592
15	5580	5565	5653	5602	5687
20	5476	5321	5339	5281	5658
25	5692	5359	5492	5577	5694
30	5693	5468	5405	5704	5375
35	5550	5411	5438	5695	5585
40	5582	5437	5308	5491	5712
45	5385	5353	5453	5676	5716
50	5379	5349	5478	5711	5678
55	5378	5343	5710	5648	5662
60	5624	5546	5263	5721	5613
65	5455	5362	5589	5511	5713
70	5561	5724	5698	5417	5457
75	5372	5454	5474	5587	5707
80	5306	5486	5479	5458	5310
85	5697	5659	5500	5409	5292
90	5666	5338	5497	5623	5415
95	5610	5576	5629	5568	5519

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5385	5659	5503	5331	5474
5	5309	5315	5563	5628	5446
10	5464	5346	5327	5579	5325
15	5583	5610	5668	5698	5319
20	5695	5642	5359	5428	5254
25	5449	5641	5465	5596	5611
30	5358	5582	5615	5680	5717
35	5603	5368	5466	5564	5352
40	5534	5520	5580	5305	5420
45	5562	5320	5406	5355	5707
50	5377	5292	5565	5647	5422
55	5424	5275	5393	5575	5314
60	5364	5338	5607	5553	5372
65	5684	5447	5491	5572	5481
70	5692	5411	5699	5661	5573
75	5674	5376	5329	5492	5500
80	5455	5253	5600	5488	5638
85	5499	5681	5293	5389	5418
90	5421	5502	5567	5651	5432
95	5574	5298	5700	5606	5262

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5640	5520	5439	5492	5316
5	5351	5337	5638	5653	5298
10	5610	5368	5299	5346	5671
15	5262	5296	5268	5511	5606
20	5711	5300	5420	5702	5493
25	5668	5700	5645	5400	5568
30	5572	5394	5423	5507	5654
35	5714	5717	5266	5373	5361
40	5345	5302	5252	5542	5403
45	5404	5459	5583	5553	5343
50	5470	5269	5515	5704	5663
55	5503	5552	5385	5295	5630
60	5270	5430	5276	5495	5580
65	5685	5664	5422	5650	5335
70	5643	5533	5505	5710	5327
75	5562	5678	5488	5389	5260
80	5481	5597	5435	5518	5264
85	5304	5637	5480	5618	5279
90	5660	5557	5308	5585	5694
95	5531	5669	5687	5619	5632

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5420	5284	5375	5653	5536
5	5393	5262	5713	5479	5385
10	5704	5399	5409	5494	5367
15	5389	5313	5703	5614	5402
20	5716	5509	5675	5700	5442
25	5396	5426	5679	5457	5432
30	5635	5643	5621	5549	5270
35	5510	5492	5655	5687	5456
40	5299	5585	5656	5522	5486
45	5462	5415	5507	5459	5254
50	5394	5268	5293	5688	5658
55	5298	5634	5525	5668	5497
60	5692	5596	5673	5471	5460
65	5466	5652	5289	5649	5626
70	5294	5645	5689	5514	5282
75	5345	5491	5625	5683	5292
80	5674	5444	5314	5400	5356
85	5338	5429	5310	5671	5362
90	5252	5296	5715	5638	5681
95	5564	5322	5351	5424	5378

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5578	5523	5311	5717	5378
5	5435	5284	5313	5545	5689
10	5635	5663	5450	5388	5372
15	5516	5405	5261	5420	5622
20	5568	5279	5501	5648	5491
25	5294	5599	5530	5713	5581
30	5346	5389	5278	5320	5441
35	5688	5361	5306	5645	5666
40	5526	5539	5712	5350	5393
45	5488	5502	5569	5423	5468
50	5394	5335	5333	5445	5357
55	5494	5535	5416	5612	5507
60	5605	5654	5358	5524	5422
65	5619	5409	5446	5438	5576
70	5292	5498	5505	5253	5614
75	5280	5495	5437	5558	5310
80	5672	5403	5670	5504	5506
85	5268	5707	5604	5536	5594
90	5413	5608	5295	5579	5425
95	5549	5384	5636	5609	5477

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5358	5287	5722	5403	5598
5	5574	5306	5388	5708	5421
10	5469	5549	5491	5312	5409
15	5363	5643	5508	5612	5533
20	5637	5695	5590	5621	5379
25	5718	5327	5634	5650	5623
30	5332	5346	5493	5569	5639
35	5352	5452	5674	5323	5580
40	5462	5719	5390	5417	5482
45	5274	5481	5521	5659	5589
50	5509	5496	5446	5317	5479
55	5604	5566	5678	5704	5308
60	5523	5484	5453	5345	5585
65	5495	5441	5656	5418	5265
70	5295	5347	5687	5486	5400
75	5476	5689	5468	5373	5669
80	5670	5467	5601	5661	5377
85	5356	5284	5419	5642	5504
90	5330	5350	5606	5477	5425
95	5528	5272	5382	5442	5651

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5613	5526	5658	5564	5440
5	5616	5706	5463	5396	5628
10	5400	5338	5532	5507	5430
15	5451	5673	5611	5351	5329
20	5541	5328	5636	5582	5594
25	5645	5570	5433	5263	5684
30	5665	5696	5303	5708	5721
35	5459	5394	5543	5470	5476
40	5494	5301	5327	5588	5258
45	5387	5346	5365	5357	5539
50	5574	5546	5465	5685	5547
55	5632	5615	5328	5317	5520
60	5296	5523	5450	5437	5688
65	5429	5285	5646	5511	5307
70	5477	5488	5600	5560	5587
75	5251	5395	5671	5457	5455
80	5423	5466	5578	5411	5436
85	5666	5415	5573	5297	5318
90	5576	5625	5554	5449	5425
95	5579	5386	5482	5444	5405

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5393	5290	5594	5250	5660
5	5658	5253	5538	5559	5360
10	5331	5602	5670	5702	5451
15	5539	5325	5714	5396	5618
20	5549	5397	5674	5671	5567
25	5533	5422	5636	5464	5718
30	5329	5682	5260	5448	5495
35	5279	5634	5266	5251	5505
40	5615	5410	5526	5498	5384
45	5653	5345	5440	5500	5627
50	5336	5341	5386	5598	5721
55	5438	5270	5474	5486	5342
60	5421	5566	5378	5471	5592
65	5472	5554	5519	5256	5416
70	5698	5395	5363	5659	5334
75	5398	5520	5433	5605	5424
80	5543	5689	5591	5696	5575
85	5499	5610	5476	5614	5490
90	5510	5541	5666	5374	5431
95	5613	5646	5461	5370	5286

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5551	5529	5530	5411	5405
5	5700	5653	5613	5625	5664
10	5640	5391	5711	5422	5472
15	5627	5452	5342	5344	5335
20	5460	5563	5615	5663	5540
25	5324	5371	5364	5568	5277
30	5571	5692	5566	5647	5477
35	5672	5347	5537	5404	5419
40	5454	5493	5464	5641	5478
45	5582	5325	5523	5558	5680
50	5698	5562	5649	5639	5592
55	5693	5428	5676	5539	5392
60	5695	5543	5416	5424	5395
65	5500	5720	5287	5256	5320
70	5498	5272	5409	5564	5296
75	5260	5495	5701	5642	5659
80	5330	5476	5456	5453	5605
85	5620	5646	5572	5304	5437
90	5528	5603	5418	5655	5268
95	5643	5362	5488	5570	5534

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5331	5293	5466	5572	5722
5	5364	5675	5688	5313	5396
10	5571	5655	5277	5617	5493
15	5618	5579	5348	5389	5527
20	5468	5632	5556	5513	5687
25	5698	5567	5672	5311	5413
30	5460	5649	5306	5421	5297
35	5336	5438	5430	5557	5333
40	5390	5673	5402	5406	5475
45	5414	5305	5606	5616	5636
50	5488	5471	5263	5700	5424
55	5462	5536	5309	5285	5391
60	5358	5266	5252	5708	5361
65	5256	5696	5446	5543	5629
70	5265	5444	5425	5501	5596
75	5385	5523	5308	5403	5400
80	5272	5258	5560	5525	5379
85	5395	5322	5374	5671	5419
90	5392	5469	5540	5584	5712
95	5495	5473	5261	5641	5622

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5586	5532	5402	5258	5467
5	5406	5600	5288	5476	5603
10	5502	5444	5318	5715	5514
15	5706	5451	5434	5719	5323
20	5594	5269	5486	5575	5647
25	5295	5301	5345	5455	5446
30	5606	5521	5573	5495	5378
35	5529	5701	5332	5344	5704
40	5281	5718	5646	5472	5343
45	5285	5689	5577	5375	5347
50	5439	5276	5610	5383	5497
55	5714	5581	5652	5712	5381
60	5398	5306	5660	5619	5489
65	5675	5427	5572	5352	5722
70	5292	5601	5445	5264	5482
75	5612	5428	5449	5349	5310
80	5557	5720	5282	5417	5717
85	5625	5570	5590	5634	5546
90	5618	5670	5724	5609	5528
95	5539	5568	5506	5483	5579

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5366	5296	5338	5419	5309
5	5448	5622	5363	5639	5432
10	5336	5330	5359	5435	5535
15	5319	5261	5554	5382	5436
20	5387	5392	5358	5459	5499
25	5401	5405	5379	5594	5335
30	5563	5347	5315	5517	5620
35	5497	5485	5258	5543	5364
40	5656	5411	5469	5272	5265
45	5297	5635	5267	5640	5698
50	5615	5327	5699	5583	5685
55	5668	5471	5683	5510	5348
60	5492	5445	5567	5624	5463
65	5307	5719	5428	5666	5375
70	5604	5294	5715	5441	5581
75	5451	5592	5679	5295	5659
80	5470	5537	5282	5536	5609
85	5585	5676	5343	5410	5324
90	5552	5555	5626	5704	5437
95	5483	5671	5380	5695	5574

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5524	5535	5274	5483	5529
5	5490	5547	5438	5705	5639
10	5267	5594	5400	5630	5556
15	5407	5388	5657	5427	5628
20	5395	5558	5476	5350	5432
25	5254	5351	5604	5606	5413
30	5636	5699	5520	5379	5499
35	5513	5656	5711	5390	5638
40	5647	5382	5544	5554	5466
45	5579	5623	5380	5693	5320
50	5527	5477	5316	5378	5313
55	5406	5649	5398	5622	5486
60	5668	5654	5253	5293	5324
65	5271	5381	5573	5402	5614
70	5514	5706	5263	5361	5704
75	5521	5691	5453	5571	5440
80	5456	5472	5551	5251	5533
85	5454	5257	5660	5493	5326
90	5550	5591	5608	5489	5589
95	5337	5467	5643	5310	5335

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5304	5299	5685	5644	5371
5	5629	5569	5513	5393	5576
10	5383	5441	5350	5577	5495
15	5515	5285	5472	5345	5403
20	5627	5417	5439	5405	5520
25	5300	5332	5710	5447	5678
30	5477	5594	5273	5333	5698
35	5424	5661	5413	5658	5696
40	5532	5319	5560	5508	5603
45	5463	5276	5373	5317	5353
50	5492	5429	5402	5607	5593
55	5586	5676	5487	5528	5293
60	5418	5713	5631	5669	5327
65	5494	5522	5438	5349	5406
70	5509	5432	5347	5707	5370
75	5667	5359	5422	5691	5306
80	5421	5708	5582	5415	5596
85	5451	5452	5563	5335	5559
90	5681	5364	5331	5654	5526
95	5694	5479	5660	5693	5294

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5559	5538	5621	5330	5591
5	5671	5494	5588	5556	5675
10	5507	5647	5482	5545	5598
15	5486	5642	5291	5517	5537
20	5314	5318	5455	5431	5378
25	5408	5627	5535	5339	5481
30	5342	5574	5434	5334	5425
35	5628	5362	5515	5457	5566
40	5572	5632	5710	5470	5557
45	5340	5583	5546	5712	5426
50	5679	5704	5668	5480	5430
55	5440	5299	5530	5294	5306
60	5499	5325	5658	5463	5495
65	5370	5317	5471	5474	5656
70	5676	5312	5504	5333	5694
75	5643	5336	5352	5402	5485
80	5692	5579	5659	5448	5563
85	5274	5522	5613	5383	5635
90	5612	5626	5344	5667	5560
95	5479	5273	5278	5703	5323

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5339	5302	5557	5491	5433
5	5713	5516	5663	5719	5407
10	5438	5436	5620	5643	5619
15	5574	5294	5394	5465	5351
20	5322	5484	5396	5520	5674
25	5576	5263	5443	5515	5384
30	5463	5391	5549	5501	5606
35	5253	5486	5471	5318	5408
40	5324	5554	5269	5563	5629
45	5295	5382	5469	5580	5369
50	5531	5677	5390	5503	5470
55	5454	5370	5700	5392	5321
60	5316	5518	5420	5413	5568
65	5590	5673	5416	5335	5543
70	5277	5359	5495	5383	5640
75	5705	5268	5344	5445	5464
80	5466	5591	5582	5708	5251
85	5686	5385	5349	5509	5497
90	5361	5697	5328	5601	5680
95	5608	5593	5418	5455	5720

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5594	5541	5493	5652	5653
5	5377	5441	5263	5310	5614
10	5272	5322	5661	5363	5640
15	5662	5324	5497	5510	5543
20	5330	5553	5337	5512	5562
25	5428	5466	5644	5549	5426
30	5449	5348	5667	5351	5646
35	5697	5621	5494	5498	5346
40	5467	5551	5673	5712	5353
45	5435	5356	5359	5545	5582
50	5291	5706	5578	5438	5674
55	5583	5535	5645	5699	5719
60	5262	5341	5369	5698	5393
65	5270	5402	5338	5392	5711
70	5707	5479	5638	5364	5417
75	5340	5625	5335	5407	5442
80	5659	5433	5425	5691	5633
85	5679	5531	5709	5333	5383
90	5343	5499	5463	5452	5314
95	5568	5469	5368	5555	5421

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5277	5402	5429	5338	5495
5	5419	5463	5473	5443	5678
10	5586	5702	5558	5661	5275
15	5451	5600	5555	5260	5716
20	5719	5375	5601	5297	5450
25	5280	5572	5273	5583	5565
30	5305	5407	5369	5682	5313
35	5417	5647	5411	5624	5581
40	5662	5707	5548	5505	5523
45	5320	5314	5488	5621	5710
50	5721	5633	5380	5650	5291
55	5392	5389	5616	5315	5712
60	5700	5590	5531	5545	5542
65	5318	5388	5433	5574	5439
70	5438	5619	5474	5670	5579
75	5599	5684	5345	5669	5406
80	5499	5470	5342	5379	5372
85	5605	5617	5559	5691	5309
90	5367	5364	5685	5503	5343
95	5350	5327	5397	5541	5717

Type 6 Radar Waveform_30

Frequency List (MHz)	0	1	2	3	4
0	5532	5641	5365	5499	5715
5	5461	5388	5413	5636	5650
10	5609	5375	5268	5278	5682
15	5266	5578	5703	5600	5452
20	5724	5313	5316	5593	5270
25	5716	5704	5300	5377	5617
30	5607	5324	5262	5622	5277
35	5664	5346	5404	5688	5325
40	5560	5472	5642	5434	5503
45	5403	5372	5541	5411	5586
50	5422	5684	5469	5575	5497
55	5479	5579	5435	5286	5366
60	5390	5535	5363	5468	5251
65	5267	5424	5265	5525	5511
70	5471	5441	5450	5629	5548
75	5719	5352	5328	5446	5463
80	5662	5663	5533	5339	5574
85	5272	5689	5568	5712	5524
90	5645	5557	5529	5502	5385
95	5367	5493	5408	5295	5520

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/10/14		
Test Item	Radar Statistical Performance Check (802.11ac-VHT80 mode - 5290MHz)		
Test Mode	Mode 1		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5251	1	16	5261	0
2	5292	1	17	5323	1
3	5304	1	18	5273	1
4	5279	1	19	5295	1
5	5321	1	20	5326	1
6	5281	1	21	5310	1
7	5290	1	22	5301	1
8	5318	1	23	5316	1
9	5308	1	24	5265	1
10	5313	1	25	5277	0
11	5282	1	26	5262	1
12	5270	1	27	5277	1
13	5261	1	28	5324	1
14	5299	1	29	5297	1
15	5259	1	30	5329	1
Detection Percentage (%)					93.3%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5251	1	16	5314	1
2	5281	1	17	5324	1
3	5276	1	18	5267	0
4	5280	1	19	5327	1
5	5255	1	20	5259	1
6	5290	1	21	5266	1
7	5307	1	22	5311	1
8	5293	1	23	5259	1
9	5290	0	24	5285	1
10	5269	1	25	5295	1
11	5270	1	26	5251	1
12	5262	1	27	5267	1
13	5281	1	28	5328	1
14	5287	1	29	5281	1
15	5321	1	30	5329	1
Detection Percentage (%)					93.3%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5251	1	16	5293	1
2	5300	1	17	5301	1
3	5298	1	18	5258	1
4	5288	1	19	5326	1
5	5307	1	20	5293	1
6	5253	1	21	5317	1
7	5290	1	22	5312	0
8	5289	1	23	5262	1
9	5294	1	24	5322	1
10	5283	1	25	5300	1
11	5265	1	26	5287	1
12	5298	0	27	5301	1
13	5293	1	28	5329	1
14	5309	1	29	5313	0
15	5299	1	30	5329	1
Detection Percentage (%)					90.0%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5251	1	16	5283	0
2	5327	1	17	5290	1
3	5300	0	18	5329	1
4	5261	1	19	5258	0
5	5270	1	20	5299	1
6	5321	1	21	5299	1
7	5290	1	22	5300	1
8	5263	1	23	5266	1
9	5273	1	24	5271	1
10	5310	1	25	5305	1
11	5298	1	26	5274	0
12	5251	1	27	5328	0
13	5286	1	28	5304	1
14	5271	0	29	5326	1
15	5298	0	30	5329	1
Detection Percentage (%)					76.7%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ = (93.3%+93.3%+90.0%+76.7%)/4 = 88.3% (>80%)

Type 1 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	798.0	67	53466.0
Download	1	Type 1	1.0	858.0	81	53298.0
Download	2	Type 1	1.0	718.0	74	53132.0
Download	3	Type 1	1.0	738.0	72	53136.0
Download	4	Type 1	1.0	818.0	65	53170.0
Download	5	Type 1	1.0	3068.0	18	55188.0
Download	6	Type 1	1.0	518.0	102	52836.0
Download	7	Type 1	1.0	678.0	78	52884.0
Download	8	Type 1	1.0	778.0	68	52904.0
Download	9	Type 1	1.0	938.0	57	53466.0
Download	10	Type 1	1.0	638.0	83	52954.0
Download	11	Type 1	1.0	898.0	59	52982.0
Download	12	Type 1	1.0	598.0	89	53222.0
Download	13	Type 1	1.0	878.0	61	53558.0
Download	14	Type 1	1.0	858.0	62	53196.0
Download	15	Type 1	1.0	2550.0	21	53550.0
Download	16	Type 1	1.0	2660.0	20	53200.0
Download	17	Type 1	1.0	1085.0	49	53165.0
Download	18	Type 1	1.0	2525.0	21	53025.0
Download	19	Type 1	1.0	2653.0	20	53060.0
Download	20	Type 1	1.0	1981.0	27	53487.0
Download	21	Type 1	1.0	2840.0	19	53960.0
Download	22	Type 1	1.0	1963.0	27	53001.0
Download	23	Type 1	1.0	2137.0	25	53425.0
Download	24	Type 1	1.0	1479.0	36	53244.0
Download	25	Type 1	1.0	1406.0	38	53428.0
Download	26	Type 1	1.0	2251.0	24	54024.0
Download	27	Type 1	1.0	1419.0	38	53922.0
Download	28	Type 1	1.0	626.0	85	53210.0
Download	29	Type 1	1.0	2461.0	22	54142.0

Type 2 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.3	225.0	26	5850.0
Download	1	Type 2	4.1	181.0	28	5068.0
Download	2	Type 2	4.0	191.0	28	5348.0
Download	3	Type 2	2.1	190.0	24	4560.0
Download	4	Type 2	2.7	222.0	25	5550.0
Download	5	Type 2	2.5	211.0	25	5275.0
Download	6	Type 2	3.5	208.0	27	5616.0
Download	7	Type 2	1.0	179.0	23	4117.0
Download	8	Type 2	4.8	221.0	29	6409.0
Download	9	Type 2	1.7	180.0	24	4320.0
Download	10	Type 2	1.0	169.0	23	3887.0
Download	11	Type 2	2.9	199.0	26	5174.0
Download	12	Type 2	2.3	183.0	25	4575.0
Download	13	Type 2	1.5	185.0	23	4255.0
Download	14	Type 2	4.7	196.0	29	5684.0
Download	15	Type 2	2.8	216.0	25	5400.0
Download	16	Type 2	4.3	188.0	28	5208.0
Download	17	Type 2	4.5	205.0	29	5945.0
Download	18	Type 2	2.7	195.0	25	4875.0
Download	19	Type 2	4.1	168.0	28	4704.0
Download	20	Type 2	4.9	151.0	29	4379.0
Download	21	Type 2	3.7	158.0	27	4266.0
Download	22	Type 2	1.3	200.0	23	4600.0
Download	23	Type 2	2.0	220.0	24	5280.0
Download	24	Type 2	4.3	212.0	28	5936.0
Download	25	Type 2	1.3	201.0	23	4623.0
Download	26	Type 2	3.0	177.0	26	4602.0
Download	27	Type 2	3.8	228.0	27	6156.0
Download	28	Type 2	3.7	189.0	27	5103.0
Download	29	Type 2	2.5	175.0	25	4375.0

Type 3 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.3	348.0	17	5882.0
Download	1	Type 3	9.1	325.0	18	5850.0
Download	2	Type 3	9.0	434.0	18	7812.0
Download	3	Type 3	7.1	368.0	16	5888.0
Download	4	Type 3	7.7	245.0	17	4165.0
Download	5	Type 3	7.5	251.0	17	4267.0
Download	6	Type 3	8.5	405.0	17	6885.0
Download	7	Type 3	6.0	208.0	16	3328.0
Download	8	Type 3	9.8	395.0	18	7110.0
Download	9	Type 3	6.7	448.0	16	7168.0
Download	10	Type 3	8.0	423.0	16	6768.0
Download	11	Type 3	7.9	300.0	17	5100.0
Download	12	Type 3	7.3	445.0	17	7565.0
Download	13	Type 3	8.5	324.0	16	5184.0
Download	14	Type 3	9.7	296.0	18	5328.0
Download	15	Type 3	7.8	440.0	17	7480.0
Download	16	Type 3	9.3	449.0	18	8082.0
Download	17	Type 3	9.5	236.0	18	4248.0
Download	18	Type 3	7.7	248.0	17	4216.0
Download	19	Type 3	9.1	219.0	18	3942.0
Download	20	Type 3	9.9	425.0	18	7650.0
Download	21	Type 3	8.7	202.0	18	3636.0
Download	22	Type 3	8.3	348.0	16	5568.0
Download	23	Type 3	7.0	466.0	16	7456.0
Download	24	Type 3	9.3	240.0	18	4320.0
Download	25	Type 3	8.3	298.0	16	4768.0
Download	26	Type 3	8.0	229.0	17	3893.0
Download	27	Type 3	8.8	388.0	18	6984.0
Download	28	Type 3	8.7	303.0	17	5151.0
Download	29	Type 3	7.5	474.0	17	8058.0

Type 4 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	18.1	348.0	14	4844.0
Download	1	Type 4	18.0	325.0	15	4875.0
Download	2	Type 4	17.8	434.0	15	6510.0
Download	3	Type 4	13.5	368.0	13	4784.0
Download	4	Type 4	14.8	245.0	14	3430.0
Download	5	Type 4	14.4	251.0	13	3263.0
Download	6	Type 4	18.7	405.0	15	6075.0
Download	7	Type 4	11.0	208.0	12	2496.0
Download	8	Type 4	19.5	395.0	16	6320.0
Download	9	Type 4	12.8	448.0	12	5376.0
Download	10	Type 4	11.0	423.0	12	5076.0
Download	11	Type 4	15.2	300.0	14	4200.0
Download	12	Type 4	14.0	445.0	13	5785.0
Download	13	Type 4	12.1	324.0	12	3888.0
Download	14	Type 4	19.2	296.0	16	4736.0
Download	15	Type 4	14.6	440.0	13	5720.0
Download	16	Type 4	18.4	449.0	16	7184.0
Download	17	Type 4	18.8	236.0	16	3776.0
Download	18	Type 4	14.8	248.0	14	3472.0
Download	19	Type 4	18.0	219.0	15	3285.0
Download	20	Type 4	19.8	425.0	16	6800.0
Download	21	Type 4	17.1	202.0	15	3030.0
Download	22	Type 4	11.8	348.0	12	4176.0
Download	23	Type 4	13.3	466.0	13	6058.0
Download	24	Type 4	18.5	240.0	16	3840.0
Download	25	Type 4	11.7	298.0	12	3576.0
Download	26	Type 4	15.8	229.0	14	3206.0
Download	27	Type 4	17.3	388.0	15	5820.0
Download	28	Type 4	17.0	303.0	15	4545.0
Download	29	Type 4	14.5	474.0	13	6162.0

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5290	1	16	5255.4	1
2	5290	1	17	5258.2	1
3	5290	1	18	5258.2	1
4	5290	1	19	5255.4	1
5	5290	1	20	5257.8	1
6	5290	1	21	5321	1
7	5290	1	22	5323	1
8	5290	1	23	5326.6	1
9	5290	1	24	5325.4	1
10	5290	1	25	5321.8	1
11	5253	0	26	5326.6	1
12	5255.8	1	27	5323.8	1
13	5255	1	28	5322.6	1
14	5253.8	1	29	5323	1
15	5258.6	1	30	5324.6	1
Detection Percentage (%)					96.7%

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)
646075.0	78.4	14	2	1072.0	1745.0	-
42181.0	89.0	14	3	1404.0	1052.0	1333.0
234970.0	87.6	14	3	1853.0	1967.0	1044.0
429688.0	63.9	14	1	1383.0	-	-
622432.0	71.4	14	2	1414.0	1181.0	-
18403.0	69.1	14	2	1664.0	1763.0	-
211683.0	81.6	14	2	1378.0	1728.0	-
405926.0	50.3	14	1	1196.0	-	-
597308.0	96.9	14	3	1105.0	1648.0	1576.0
793535.0	58.9	14	1	1055.0	-	-
188366.0	50.4	14	1	1027.0	-	-
380781.0	73.3	14	2	1873.0	2000.0	-
574484.0	66.8	14	2	1938.0	1080.0	-
769618.0	56.2	14	1	1106.0	-	-
163848.0	95.6	14	3	1444.0	1551.0	1188.0

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)
297570.0	70.0	17	2	1285.0	1782.0	-
457325.0	90.8	17	3	1800.0	1228.0	1759.0
618267.0	92.9	17	3	1807.0	1279.0	1257.0
116917.0	71.1	17	2	1103.0	1307.0	-
276916.0	88.6	17	3	1450.0	1945.0	1653.0
437359.0	98.7	17	3	1324.0	1909.0	1846.0
598937.0	83.8	17	3	1218.0	1380.0	1239.0
97244.0	53.8	17	1	1241.0	-	-
258458.0	62.6	17	1	1684.0	-	-
417836.0	91.5	17	3	1737.0	1614.0	1346.0
581315.0	54.0	17	1	1343.0	-	-
77137.0	75.4	17	2	1454.0	1747.0	-
237790.0	84.7	17	3	1468.0	1225.0	1227.0
398881.0	83.1	17	2	1662.0	1669.0	-
560710.0	69.4	17	2	1109.0	1098.0	-
57142.0	95.9	17	3	1887.0	1636.0	1689.0
218349.0	70.4	17	2	1004.0	1826.0	-
378314.0	95.5	17	3	1702.0	1941.0	1002.0

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)
573279.0	52.8	17	1	1594.0	-	-
39752.0	76.1	17	2	1379.0	1112.0	-
209815.0	98.8	17	3	1376.0	1549.0	1344.0
381562.0	59.8	17	1	1345.0	-	-
549529.0	84.1	17	3	1864.0	1981.0	1205.0
18677.0	95.3	17	3	1563.0	1506.0	1740.0
188896.0	96.1	17	3	1045.0	1186.0	1884.0
359656.0	74.3	17	2	1416.0	1606.0	-
529040.0	89.4	17	3	1534.0	1042.0	1880.0
700292.0	82.6	17	2	1790.0	1529.0	-
168008.0	95.9	17	3	1544.0	1226.0	1022.0
338550.0	70.0	17	2	1463.0	1784.0	-
510105.0	56.6	17	1	1668.0	-	-
677689.0	99.9	17	3	1794.0	1798.0	1396.0
147516.0	65.9	17	1	1488.0	-	-
317056.0	92.6	17	3	1234.0	1220.0	1907.0
489251.0	61.0	17	1	1403.0	-	-

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)
1019518.0	72.3	9	2	1616.0	1248.0	-
195610.0	54.2	9	1	1457.0	-	-
458986.0	69.7	9	2	1858.0	1613.0	-
723248.0	80.9	9	2	1093.0	1590.0	-
988275.0	51.0	9	1	1473.0	-	-
162728.0	94.6	9	3	1168.0	1150.0	1377.0
425922.0	85.2	9	3	1514.0	1591.0	1838.0
690752.0	75.0	9	2	1085.0	1575.0	-
953743.0	72.5	9	2	1792.0	1944.0	-
130259.0	67.3	9	2	1651.0	1953.0	-
393348.0	93.7	9	3	1903.0	1449.0	1954.0

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)
555471.0	97.0	11	3	1384.0	1517.0	1834.0
779660.0	67.3	11	2	1586.0	1423.0	-
82667.0	77.5	11	2	1868.0	1931.0	-
306547.0	63.0	11	1	1013.0	-	-
528593.0	80.1	11	2	1979.0	1788.0	-
752121.0	77.8	11	2	1448.0	1626.0	-
55321.0	64.0	11	1	1848.0	-	-
278457.0	80.1	11	2	1674.0	1135.0	-
500286.0	96.9	11	3	1899.0	1584.0	1830.0
725881.0	60.1	11	1	1494.0	-	-
27809.0	56.6	11	1	1536.0	-	-
250463.0	97.6	11	3	1645.0	1667.0	1337.0
474050.0	75.1	11	2	1095.0	1924.0	-

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)
756486.0	64.3	11	1	1697.0	-	-
302.0	59.2	11	1	1499.0	-	-
242553.0	51.2	11	1	1157.0	-	-
484812.0	57.9	11	1	1141.0	-	-
724955.0	92.7	11	3	1521.0	1037.0	1484.0
966014.0	84.9	11	3	1862.0	1682.0	1005.0
212658.0	54.2	11	1	1415.0	-	-
454969.0	59.4	11	1	1146.0	-	-
694897.0	92.1	11	3	1710.0	1646.0	1122.0
938034.0	72.1	11	2	1356.0	1323.0	-
182304.0	97.1	11	3	1597.0	1398.0	1270.0
423772.0	91.7	11	3	1769.0	1252.0	1314.0

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)
500027.0	50.6	15	1	1623.0	-	-
681593.0	64.6	15	1	1556.0	-	-
114690.0	51.8	15	1	1427.0	-	-
295476.0	81.6	15	2	1442.0	1921.0	-
478012.0	63.5	15	1	1086.0	-	-
656635.0	84.9	15	3	1197.0	1487.0	1822.0
92299.0	61.6	15	1	1647.0	-	-
273021.0	78.0	15	2	1929.0	1842.0	-
455470.0	52.3	15	1	1364.0	-	-
636054.0	77.4	15	2	1065.0	1455.0	-
69804.0	72.1	15	2	1894.0	1236.0	-
251578.0	55.1	15	1	1242.0	-	-
431977.0	82.8	15	2	1876.0	1437.0	-
612196.0	90.0	15	3	1625.0	1433.0	1322.0
47540.0	78.8	15	2	1192.0	1180.0	-
228287.0	85.9	15	3	1654.0	1445.0	1158.0

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)
820813.0	85.9	5	3	1151.0	1483.0	1310.0
1183045.0	95.8	5	3	1881.0	1493.0	1339.0
50525.0	50.8	5	1	1329.0	-	-
414008.0	65.7	5	1	1302.0	-	-
777249.0	56.7	5	1	1766.0	-	-
1138578.0	94.6	5	3	1412.0	1355.0	1678.0
5752.0	66.5	5	1	1670.0	-	-
368368.0	91.9	5	3	1558.0	1806.0	1458.0

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)
291342.0	93.4	19	3	1016.0	1325.0	1749.0
436538.0	77.2	19	2	1372.0	1803.0	-
581486.0	82.3	19	2	1120.0	1851.0	-
128897.0	87.7	19	3	1147.0	1919.0	1559.0
274693.0	63.1	19	1	1577.0	-	-
417067.0	84.2	19	3	1917.0	1820.0	1778.0
565172.0	54.8	19	1	1359.0	-	-
111047.0	95.3	19	3	1215.0	1808.0	1942.0
256359.0	80.4	19	2	1363.0	1278.0	-
400805.0	71.4	19	2	1655.0	1629.0	-
545880.0	79.4	19	2	1869.0	1030.0	-
93870.0	63.1	19	1	1142.0	-	-
238866.0	62.1	19	1	1757.0	-	-
382708.0	98.6	19	3	1255.0	1078.0	1373.0
528019.0	83.3	19	2	1490.0	1435.0	-
75667.0	75.2	19	2	1638.0	1970.0	-
219978.0	95.0	19	3	1855.0	1031.0	1621.0
365748.0	69.6	19	2	1111.0	1199.0	-
510223.0	72.8	19	2	1525.0	1352.0	-
57778.0	87.0	19	3	1362.0	1639.0	1347.0

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)
405815.0	87.1	7	3	1787.0	1476.0	1513.0
695659.0	96.2	7	3	1543.0	1602.0	1692.0
987391.0	75.2	7	2	1547.0	1026.0	-
80461.0	52.6	7	1	1316.0	-	-
371162.0	56.0	7	1	1374.0	-	-
661153.0	68.3	7	2	1305.0	1361.0	-
951150.0	73.6	7	2	1844.0	1318.0	-
44545.0	96.4	7	3	1474.0	1304.0	1395.0
334911.0	71.2	7	2	1425.0	1531.0	-
625350.0	81.3	7	2	1039.0	1690.0	-

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)
1144160.0	85.0	5	3	1926.0	1119.0	1018.0
11053.0	56.1	5	1	1470.0	-	-
373937.0	98.1	5	3	1174.0	1175.0	1348.0
737802.0	60.0	5	1	1739.0	-	-
1098659.0	88.2	5	3	1595.0	1797.0	1773.0
1462277.0	86.4	5	3	1204.0	1447.0	1417.0
329634.0	52.6	5	1	1890.0	-	-
692655.0	74.0	5	2	1334.0	1244.0	-

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)
603098.0	64.9	12	1	1801.0	-	-
809690.0	68.1	12	2	1628.0	1076.0	-
162511.0	72.5	12	2	1413.0	1124.0	-
369642.0	76.9	12	2	1246.0	1609.0	-
576184.0	74.7	12	2	1980.0	1837.0	-
785556.0	61.4	12	1	1187.0	-	-
137115.0	60.6	12	1	1694.0	-	-
344859.0	65.7	12	1	1024.0	-	-
551373.0	73.8	12	2	1552.0	1209.0	-
757529.0	87.3	12	3	1009.0	1755.0	1189.0
111618.0	62.5	12	1	1243.0	-	-
318453.0	75.7	12	2	1486.0	1762.0	-
526232.0	70.8	12	2	1007.0	1132.0	-
732036.0	87.1	12	3	1145.0	1038.0	1776.0

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)
100169.0	71.8	10	2	1715.0	1937.0	-
342051.0	79.6	10	2	1615.0	1349.0	-
584917.0	54.7	10	1	1164.0	-	-
824891.0	97.3	10	3	1612.0	1230.0	1069.0
70554.0	52.0	10	1	1520.0	-	-
312422.0	79.6	10	2	1338.0	1125.0	-
554355.0	81.6	10	2	1166.0	1299.0	-
794652.0	94.8	10	3	1446.0	1592.0	1477.0
40729.0	60.6	10	1	1422.0	-	-
282916.0	58.4	10	1	1421.0	-	-
524483.0	74.0	10	2	1245.0	1354.0	-
764263.0	99.2	10	3	1835.0	1885.0	1641.0

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)
14508.0	86.5	7	3	1165.0	1453.0	1274.0
337378.0	73.3	7	2	1021.0	1140.0	-
660641.0	65.0	7	1	1332.0	-	-
983746.0	52.0	7	1	1260.0	-	-
1306503.0	60.4	7	1	1579.0	-	-
297080.0	96.9	7	3	1532.0	1191.0	1809.0
619867.0	72.6	7	2	1915.0	1522.0	-
942268.0	70.9	7	2	1922.0	1713.0	-
1267199.0	54.6	7	1	1073.0	-	-

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)
122069.0	54.6	19	1	1370.0	-	-
274816.0	64.4	19	1	1596.0	-	-
427537.0	60.2	19	1	1699.0	-	-
579815.0	71.4	19	2	1090.0	1138.0	-
103158.0	63.7	19	1	1882.0	-	-
254688.0	92.1	19	3	1159.0	1852.0	1802.0
406475.0	90.4	19	3	1366.0	1900.0	1892.0
558845.0	94.6	19	3	1633.0	1752.0	1276.0
83942.0	86.3	19	3	1712.0	1498.0	1693.0
236143.0	83.8	19	3	1816.0	1320.0	1201.0
387630.0	95.6	19	3	1772.0	1847.0	1750.0
543155.0	60.5	19	1	1133.0	-	-
65256.0	97.9	19	3	1943.0	1101.0	1512.0
217511.0	84.3	19	3	1062.0	1679.0	1290.0
370059.0	68.4	19	2	1719.0	1722.0	-
523864.0	55.3	19	1	1683.0	-	-
46509.0	91.0	19	3	1066.0	1992.0	1703.0
198736.0	84.4	19	3	1308.0	1399.0	1409.0
351863.0	73.0	19	2	1312.0	1110.0	-

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)
736184.0	92.4	11	3	1700.0	1815.0	1389.0
40777.0	70.1	11	2	1258.0	1850.0	-
264326.0	57.5	11	1	1618.0	-	-
487632.0	64.1	11	1	1951.0	-	-
711473.0	52.8	11	1	1382.0	-	-
13288.0	75.5	11	2	1878.0	1599.0	-
236639.0	74.9	11	2	1160.0	1077.0	-
459144.0	87.3	11	3	1273.0	1010.0	1611.0
684197.0	50.6	11	1	1033.0	-	-
906469.0	71.7	11	2	1144.0	1263.0	-
208860.0	76.9	11	2	1695.0	1726.0	-
432703.0	65.6	11	1	1723.0	-	-
656389.0	53.0	11	1	1402.0	-	-

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)
632539.0	99.9	18	3	1224.0	1774.0	1117.0
130929.0	82.5	18	2	1330.0	1507.0	-
292158.0	67.1	18	2	1268.0	1048.0	-
454038.0	65.2	18	1	1210.0	-	-
612309.0	94.6	18	3	1711.0	1585.0	1292.0
110997.0	75.8	18	2	1643.0	1795.0	-
271691.0	88.3	18	3	1126.0	1588.0	1114.0
431742.0	87.5	18	3	1840.0	1176.0	1897.0
591998.0	91.3	18	3	1294.0	1914.0	1974.0
91495.0	50.2	18	1	1169.0	-	-
252279.0	74.3	18	2	1735.0	1067.0	-
413701.0	74.7	18	2	1019.0	1118.0	-
573300.0	78.5	18	2	1997.0	1955.0	-
71258.0	88.6	18	3	1401.0	1319.0	1758.0
231598.0	88.7	18	3	1986.0	1394.0	1845.0
392144.0	89.0	18	3	1789.0	1232.0	1993.0
553145.0	96.7	18	3	1011.0	1976.0	1393.0
51461.0	96.8	18	3	1287.0	1756.0	1617.0

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)
201184.0	69.4	18	2	1426.0	1978.0	-
354792.0	62.5	18	1	1172.0	-	-
505324.0	99.7	18	3	1121.0	1082.0	1902.0
30073.0	78.6	18	2	1939.0	1309.0	-
181750.0	84.5	18	3	1833.0	1991.0	1877.0
333807.0	97.1	18	3	1896.0	1895.0	1420.0
488980.0	50.3	18	1	1008.0	-	-
11328.0	57.3	18	1	1811.0	-	-
163444.0	95.9	18	3	1572.0	1557.0	1070.0
315523.0	88.8	18	3	1094.0	1392.0	1872.0
470122.0	54.8	18	1	1035.0	-	-
620332.0	89.7	18	3	1107.0	1561.0	1116.0
144803.0	72.8	18	2	1812.0	1947.0	-
298052.0	59.4	18	1	1681.0	-	-
450200.0	68.2	18	2	1071.0	1480.0	-
601186.0	92.5	18	3	1408.0	1001.0	1783.0
126504.0	60.7	18	1	1485.0	-	-
279093.0	65.3	18	1	2000.0	-	-
430708.0	67.1	18	2	1927.0	1644.0	-

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)
855569.0	53.2	11	1	1489.0	-	-
157546.0	60.7	11	1	1190.0	-	-
380882.0	65.1	11	1	1796.0	-	-
602554.0	96.1	11	3	1765.0	1235.0	1491.0
824710.0	85.5	11	3	1856.0	1821.0	1515.0
130003.0	51.1	11	1	1206.0	-	-
352954.0	69.8	11	2	1804.0	1050.0	-
576063.0	83.3	11	2	1074.0	1898.0	-
798266.0	89.4	11	3	1663.0	1233.0	1171.0
102288.0	74.4	11	2	1249.0	1527.0	-
324687.0	87.0	11	3	1582.0	1546.0	1920.0
547741.0	86.3	11	3	1293.0	1129.0	1949.0
770440.0	98.3	11	3	1791.0	1254.0	1465.0

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)
54049.0	54.0	17	1	1637.0	–	–
215103.0	74.9	17	2	1271.0	1097.0	–
376865.0	57.4	17	1	1222.0	–	–
538234.0	53.0	17	1	1250.0	–	–
34187.0	53.4	17	1	1530.0	–	–
194856.0	71.3	17	2	1733.0	1998.0	–
354962.0	98.0	17	3	1925.0	1608.0	1460.0
516374.0	70.0	17	2	1936.0	1857.0	–
14324.0	64.9	17	1	1162.0	–	–
174850.0	87.2	17	3	1519.0	1685.0	1291.0
336318.0	79.9	17	2	1231.0	1545.0	–
495536.0	99.5	17	3	1479.0	1727.0	1969.0
657639.0	82.7	17	2	1649.0	1841.0	–
155801.0	51.5	17	1	1365.0	–	–
316342.0	77.5	17	2	1508.0	1568.0	–
478467.0	64.8	17	1	1430.0	–	–
639847.0	56.4	17	1	1390.0	–	–
135481.0	86.0	17	3	1041.0	1441.0	1060.0

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)
266648.0	77.9	20	2	1688.0	1567.0	–
411577.0	73.3	20	2	1259.0	1707.0	–
556026.0	71.8	20	2	1913.0	1429.0	–
103875.0	93.4	20	3	1134.0	1849.0	1516.0
248333.0	86.1	20	3	1893.0	1478.0	1054.0
394641.0	54.3	20	1	1601.0	–	–
540100.0	66.5	20	1	1237.0	–	–
86550.0	64.1	20	1	1281.0	–	–
230949.0	77.4	20	2	1817.0	1553.0	–
377100.0	64.6	20	1	1068.0	–	–
522007.0	63.8	20	1	1472.0	–	–
68608.0	60.9	20	1	1764.0	–	–
213208.0	82.9	20	2	1732.0	1406.0	–
358796.0	58.9	20	1	1754.0	–	–
504199.0	52.5	20	1	1386.0	–	–
50741.0	56.5	20	1	1708.0	–	–
195040.0	85.7	20	3	1482.0	1217.0	1469.0
339376.0	98.0	20	3	1523.0	1216.0	1730.0
486625.0	51.9	20	1	1006.0	–	–
32858.0	65.1	20	1	1871.0	–	–

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)
221839.0	89.1	15	3	1079.0	1729.0	1431.0
402694.0	89.5	15	3	1301.0	1504.0	1462.0
584624.0	67.4	15	2	1327.0	1578.0	–
18701.0	97.1	15	3	1212.0	1358.0	1208.0
199351.0	88.4	15	3	1742.0	1904.0	1371.0
380883.0	73.5	15	2	1443.0	1908.0	–
560746.0	85.3	15	3	1753.0	1475.0	1748.0
741153.0	96.6	15	3	1775.0	1660.0	1827.0
177983.0	52.7	15	1	1283.0	–	–
357792.0	99.6	15	3	1779.0	1624.0	1583.0
538220.0	92.4	15	3	1958.0	1524.0	1866.0
720645.0	68.4	15	2	1861.0	1598.0	–
155170.0	83.0	15	2	1467.0	1959.0	–
335310.0	88.5	15	3	1886.0	1839.0	1761.0
518603.0	59.0	15	1	1554.0	–	–
699839.0	62.9	15	1	1859.0	–	–

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)
266530.0	76.5	6	2	1247.0	1128.0	-
630224.0	60.6	6	1	1251.0	-	-
991908.0	88.9	6	3	1652.0	1130.0	1200.0
1356587.0	53.1	6	1	1940.0	-	-
221493.0	86.6	6	3	1995.0	1087.0	1295.0
584160.0	89.3	6	3	1267.0	1501.0	1786.0
947157.0	93.9	6	3	1084.0	1589.0	1400.0
1310855.0	83.3	6	2	1706.0	1353.0	-

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)
128791.0	56.2	9	1	1492.0	-	-
393094.0	53.9	9	1	1256.0	-	-
657276.0	54.3	9	1	1411.0	-	-
920165.0	70.9	9	2	1466.0	1540.0	-
95926.0	97.0	9	3	1741.0	1381.0	1989.0
360234.0	76.2	9	2	1149.0	1036.0	-
624793.0	65.9	9	1	1297.0	-	-
886971.0	79.5	9	2	1965.0	1891.0	-
63726.0	62.9	9	1	1049.0	-	-
327231.0	91.4	9	3	1272.0	1288.0	1213.0
590818.0	97.0	9	3	1631.0	1023.0	1262.0

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)
520371.0	88.5	18	3	1705.0	1155.0	1813.0
19023.0	55.9	18	1	1481.0	-	-
179865.0	74.7	18	2	1650.0	1622.0	-
341634.0	55.0	18	1	1570.0	-	-
503134.0	62.5	18	1	1315.0	-	-
662417.0	69.1	18	2	1440.0	1963.0	-
160274.0	69.9	18	2	1298.0	1034.0	-
321713.0	61.4	18	1	1677.0	-	-
482073.0	77.9	18	2	1340.0	1604.0	-
642883.0	72.2	18	2	1836.0	1277.0	-
139889.0	95.5	18	3	1716.0	1982.0	1178.0
301343.0	78.0	18	2	1326.0	1461.0	-
461834.0	94.4	18	3	1432.0	1020.0	1083.0
622188.0	99.9	18	3	1289.0	1193.0	1560.0
120020.0	89.6	18	3	1966.0	1771.0	1686.0
281111.0	80.1	18	2	1854.0	1874.0	-
442381.0	75.1	18	2	1580.0	1418.0	-
605142.0	59.1	18	1	1017.0	-	-

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)
201280.0	98.9	6	3	1984.0	1918.0	1999.0
524155.0	78.5	6	2	1605.0	1934.0	-
846350.0	99.8	6	3	1391.0	1511.0	1143.0
1168101.0	95.6	6	3	1698.0	1115.0	1964.0
161839.0	84.1	6	3	1627.0	1136.0	1369.0
484183.0	90.9	6	3	1280.0	1704.0	1229.0
806167.0	84.4	6	3	1867.0	1734.0	1221.0
1130109.0	69.2	6	2	1102.0	1676.0	-
122327.0	64.3	6	1	1996.0	-	-

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)
285150.0	99.7	13	3	1665.0	1736.0	1057.0
492571.0	76.5	13	2	1438.0	1948.0	-
698918.0	83.7	13	3	1059.0	1673.0	1528.0
53029.0	62.9	13	1	1956.0	-	-
260520.0	55.5	13	1	1687.0	-	-
466405.0	91.7	13	3	1240.0	1785.0	1569.0
673290.0	91.6	13	3	1985.0	1265.0	1198.0
27447.0	70.6	13	2	1994.0	1003.0	-
234933.0	57.0	13	1	1799.0	-	-
442538.0	51.7	13	1	1495.0	-	-
650312.0	55.6	13	1	1163.0	-	-
1930.0	76.4	13	2	1865.0	1264.0	-
208743.0	84.1	13	3	1988.0	1058.0	1357.0
416316.0	66.7	13	2	1566.0	1284.0	-

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)
513030.0	77.9	16	2	1620.0	1341.0	-
684994.0	66.0	16	1	1436.0	-	-
151393.0	61.0	16	1	1459.0	-	-
322368.0	60.8	16	1	1173.0	-	-
491932.0	76.0	16	2	1167.0	1935.0	-
663864.0	59.9	16	1	1526.0	-	-
130064.0	71.0	16	2	1317.0	1680.0	-
301014.0	57.4	16	1	1879.0	-	-
470358.0	96.2	16	3	1063.0	1123.0	1780.0
639555.0	90.9	16	3	1619.0	1510.0	1977.0
109037.0	70.4	16	2	1407.0	1777.0	-
280050.0	64.1	16	1	1709.0	-	-
451229.0	62.8	16	1	1092.0	-	-
619361.0	97.3	16	3	1781.0	1439.0	1046.0
87793.0	92.9	16	3	1793.0	1767.0	1630.0
258344.0	71.9	16	2	1870.0	1657.0	-
428047.0	83.9	16	3	1659.0	1203.0	1714.0

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)
636989.0	70.6	15	2	1916.0	1223.0	-
71135.0	93.3	15	3	1360.0	1177.0	1961.0
252852.0	54.8	15	1	1810.0	-	-
433891.0	70.2	15	2	1099.0	1434.0	-
613304.0	84.9	15	3	1397.0	1738.0	1672.0
48820.0	94.2	15	3	1751.0	1912.0	1505.0
230484.0	59.3	15	1	1863.0	-	-
410690.0	90.0	15	3	1282.0	1632.0	1202.0
590558.0	86.3	15	3	1957.0	1500.0	1960.0
26713.0	52.8	15	1	1131.0	-	-
207734.0	79.3	15	2	1987.0	1311.0	-
388829.0	82.5	15	2	1574.0	1731.0	-
570164.0	78.4	15	2	1336.0	1658.0	-
4328.0	69.4	15	2	1972.0	1388.0	-
185345.0	82.8	15	2	1725.0	1905.0	-
367385.0	64.7	15	1	1548.0	-	-

Type 5 Radar Waveform_30

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
676109.0	61.7	11	1	1182.0	-	-
897648.0	71.8	11	2	1717.0	1565.0	-
201103.0	79.6	11	2	1170.0	1331.0	-
423915.0	73.0	11	2	1770.0	1721.0	-
647271.0	80.1	11	2	1760.0	1266.0	-
871675.0	58.3	11	1	1691.0	-	-
173864.0	59.3	11	1	1108.0	-	-
396044.0	93.3	11	3	1321.0	1555.0	1541.0
618393.0	92.3	11	3	1564.0	1538.0	1990.0
842684.0	80.4	11	2	1328.0	1962.0	-
145765.0	92.9	11	3	1666.0	1179.0	1768.0
368627.0	92.5	11	3	1387.0	1537.0	1424.0
591149.0	91.4	11	3	1219.0	1671.0	1923.0

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_1

Frequency List (MHz)	0	1	2	3	4
0	5376	5612	5328	5676	5703
5	5371	5444	5573	5306	5416
10	5472	5254	5378	5675	5609
15	5533	5547	5295	5510	5370
20	5309	5688	5617	5623	5662
25	5538	5413	5268	5361	5271
30	5607	5380	5508	5518	5654
35	5529	5362	5294	5583	5570
40	5642	5311	5591	5621	5296
45	5602	5455	5698	5487	5426
50	5605	5466	5334	5554	5414
55	5649	5434	5400	5291	5655
60	5652	5670	5492	5687	5696
65	5593	5682	5368	5330	5421
70	5600	5534	5665	5453	5723
75	5343	5577	5407	5333	5537
80	5506	5282	5391	5679	5451
85	5255	5442	5253	5653	5539
90	5715	5366	5349	5281	5422
95	5259	5595	5677	5352	5279

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5631	5376	5262	5362	5545
5	5413	5369	5648	5372	5720
10	5403	5518	5417	5573	5696
15	5697	5563	5553	5340	5702
20	5281	5378	5251	5706	5596
25	5550	5390	5616	5395	5313
30	5496	5337	5723	5670	5377
35	5668	5453	5565	5261	5484
40	5481	5394	5432	5386	5434
45	5435	5306	5479	5492	5342
50	5510	5605	5503	5472	5588
55	5273	5575	5623	5324	5657
60	5632	5528	5516	5628	5569
65	5279	5457	5335	5329	5468
70	5622	5331	5544	5570	5366
75	5302	5560	5649	5263	5546
80	5501	5552	5368	5514	5252
85	5637	5687	5713	5256	5680
90	5597	5587	5265	5532	5462
95	5272	5407	5292	5330	5519

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5314	5615	5673	5523	5290
5	5552	5391	5723	5535	5452
10	5334	5307	5458	5293	5717
15	5310	5690	5656	5385	5419
20	5289	5544	5667	5698	5569
25	5438	5339	5722	5476	5429
30	5355	5482	5294	5463	5444
35	5672	5332	5361	5414	5495
40	5320	5477	5370	5626	5387
45	5363	5415	5389	5603	5532
50	5282	5693	5686	5592	5700
55	5301	5674	5394	5594	5453
60	5347	5577	5360	5342	5574
65	5295	5703	5493	5642	5696
70	5271	5694	5317	5547	5432
75	5325	5649	5680	5695	5719
80	5323	5611	5333	5724	5357
85	5590	5509	5676	5351	5548
90	5371	5299	5277	5586	5344
95	5625	5386	5462	5665	5309

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5569	5379	5609	5684	5607
5	5594	5316	5323	5698	5659
10	5643	5668	5596	5488	5263
15	5301	5342	5284	5333	5611
20	5297	5613	5608	5312	5542
25	5704	5666	5450	5677	5463
30	5494	5371	5251	5678	5693
35	5395	5374	5635	5632	5664
40	5409	5634	5657	5308	5294
45	5384	5670	5472	5564	5585
50	5644	5387	5707	5681	5496
55	5489	5628	5653	5688	5468
60	5485	5512	5619	5289	5617
65	5593	5652	5432	5377	5491
70	5549	5388	5303	5647	5268
75	5408	5618	5325	5383	5700
80	5575	5624	5589	5696	5282
85	5721	5552	5493	5351	5261
90	5543	5416	5422	5521	5497
95	5442	5277	5503	5604	5637

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5349	5618	5545	5370	5352
5	5636	5338	5398	5386	5488
10	5574	5457	5637	5683	5284
15	5389	5469	5387	5378	5328
20	5304	5646	5515	5592	5615
25	5653	5306	5497	5536	5357
30	5321	5690	5513	5348	5525
35	5342	5323	5570	5285	5721
40	5534	5381	5599	5375	5555
45	5622	5541	5434	5563	5283
50	5392	5319	5491	5580	5582
55	5368	5410	5439	5614	5677
60	5564	5596	5566	5601	5468
65	5684	5383	5255	5460	5650
70	5384	5718	5587	5445	5409
75	5681	5259	5288	5325	5621
80	5369	5493	5668	5699	5638
85	5376	5294	5317	5607	5380
90	5537	5486	5271	5420	5572
95	5312	5558	5645	5258	5394

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5604	5382	5481	5531	5572
5	5678	5263	5473	5452	5695
10	5505	5721	5306	5305	5477
15	5596	5490	5423	5520	5691
20	5470	5587	5393	5488	5383
25	5467	5381	5410	5578	5543
30	5536	5619	5413	5652	5439
35	5321	5495	5334	5409	5348
40	5659	5299	5378	5431	5258
45	5638	5680	5594	5699	5264
50	5617	5435	5293	5558	5704
55	5268	5367	5509	5428	5392
60	5550	5407	5419	5653	5533
65	5629	5372	5275	5441	5360
70	5677	5459	5585	5552	5662
75	5369	5626	5388	5618	5564
80	5396	5607	5284	5355	5724
85	5427	5542	5515	5297	5386
90	5571	5368	5380	5437	5627
95	5296	5456	5527	5359	5689

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5384	5621	5417	5595	5414
5	5342	5285	5548	5615	5427
10	5339	5510	5719	5501	5326
15	5585	5626	5496	5371	5712
20	5699	5539	5528	5385	5461
25	5271	5319	5584	5514	5620
30	5610	5500	5276	5296	5708
35	5316	5530	5592	5270	5723
40	5597	5442	5472	5360	5713
45	5721	5641	5647	5586	5575
50	5440	5570	5343	5282	5481
55	5490	5273	5523	5381	5397
60	5532	5454	5260	5693	5552
65	5596	5443	5251	5448	5336
70	5701	5358	5278	5668	5636
75	5428	5588	5598	5643	5382
80	5407	5616	5284	5299	5449
85	5722	5547	5689	5315	5462
90	5392	5508	5628	5551	5682
95	5377	5354	5506	5412	5492

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5542	5385	5353	5281	5634
5	5384	5307	5623	5303	5256
10	5270	5299	5285	5696	5347
15	5556	5278	5599	5416	5526
20	5610	5705	5566	5474	5434
25	5537	5268	5690	5715	5284
30	5596	5457	5491	5545	5431
35	5358	5621	5485	5423	5637
40	5562	5611	5535	5682	5469
45	5289	5693	5329	5699	5700
50	5473	5354	5616	5436	5659
55	5641	5701	5669	5444	5463
60	5342	5255	5697	5496	5567
65	5498	5479	5461	5340	5614
70	5298	5344	5517	5312	5595
75	5300	5708	5266	5624	5536
80	5492	5663	5305	5612	5388
85	5642	5557	5432	5563	5533
90	5627	5398	5510	5501	5568
95	5262	5361	5252	5585	5704

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5322	5624	5289	5442	5476
5	5426	5707	5698	5466	5463
10	5676	5660	5326	5416	5368
15	5644	5405	5702	5461	5718
20	5618	5299	5507	5407	5425
25	5595	5418	5344	5633	5485
30	5414	5609	5697	5251	5497
35	5712	5281	5576	5648	5401
40	5694	5473	5447	5596	5673
45	5412	5282	5278	5263	5705
50	5317	5487	5273	5464	5548
55	5382	5301	5556	5539	5701
60	5558	5387	5441	5496	5444
65	5367	5494	5293	5610	5417
70	5467	5427	5381	5366	5666
75	5554	5269	5353	5409	5605
80	5313	5602	5372	5674	5296
85	5677	5270	5359	5522	5386
90	5336	5256	5501	5479	5295
95	5585	5345	5625	5668	5333

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5577	5388	5700	5603	5696
5	5468	5254	5298	5532	5670
10	5510	5449	5367	5611	5389
15	5257	5330	5506	5435	5626
20	5465	5448	5555	5380	5313
25	5544	5621	5667	5368	5374
30	5371	5349	5471	5546	5636
35	5328	5552	5562	5337	5302
40	5314	5687	5463	5525	5653
45	5495	5718	5331	5625	5581
50	5493	5538	5459	5287	5492
55	5570	5255	5271	5358	5672
60	5386	5365	5487	5568	5443
65	5454	5503	5502	5598	5539
70	5413	5384	5690	5642	5513
75	5616	5473	5455	5683	5565
80	5615	5536	5282	5606	5491
85	5580	5547	5390	5437	5584
90	5551	5482	5507	5652	5622
95	5602	5372	5426	5620	5346

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5357	5627	5636	5289	5538
5	5607	5654	5373	5695	5402
10	5441	5713	5408	5709	5410
15	5345	5659	5433	5454	5537
20	5534	5486	5547	5353	5579
25	5396	5349	5552	5701	5507
30	5360	5328	5564	5623	5269
35	5678	5516	5348	5504	5476
40	5651	5482	5252	5355	5460
45	5633	5578	5301	5287	5415
50	5669	5589	5548	5488	5339
55	5283	5684	5461	5652	5643
60	5341	5717	5428	5635	5666
65	5391	5392	5393	5335	5297
70	5401	5708	5399	5484	5442
75	5618	5472	5585	5496	5598
80	5664	5342	5250	5481	5700
85	5422	5506	5686	5580	5293
90	5646	5260	5274	5647	5513
95	5450	5437	5256	5619	5427

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5515	5391	5572	5450	5283
5	5649	5676	5448	5383	5706
10	5275	5502	5546	5429	5431
15	5336	5689	5439	5499	5344
20	5545	5700	5427	5636	5326
25	5467	5723	5552	5656	5260
30	5549	5724	5285	5304	5397
35	5564	5342	5607	5716	5657
40	5487	5490	5565	5665	5595
45	5457	5286	5516	5661	5359
50	5340	5302	5711	5273	5640
55	5637	5311	5374	5638	5651
60	5517	5470	5407	5373	5492
65	5379	5592	5341	5567	5679
70	5305	5385	5291	5594	5616
75	5644	5645	5263	5262	5389
80	5485	5503	5406	5483	5328
85	5353	5363	5698	5345	5508
90	5569	5337	5519	5484	5319
95	5365	5258	5482	5394	5416

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5295	5252	5508	5611	5600
5	5691	5601	5523	5546	5438
10	5681	5291	5587	5624	5452
15	5424	5341	5542	5544	5536
20	5553	5294	5368	5628	5299
25	5258	5672	5658	5382	5591
30	5613	5717	5422	5549	5287
35	5481	5698	5512	5335	5401
40	5329	5648	5603	5360	5551
45	5690	5496	5269	5320	5393
50	5567	5449	5251	5609	5605
55	5562	5592	5366	5668	5488
60	5599	5572	5318	5396	5415
65	5325	5290	5465	5377	5459
70	5482	5474	5468	5615	5570
75	5390	5426	5261	5312	5626
80	5274	5373	5518	5456	5548
85	5500	5386	5645	5316	5458
90	5663	5281	5292	5502	5525
95	5421	5676	5275	5537	5475

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5550	5491	5444	5675	5345
5	5355	5623	5598	5612	5645
10	5652	5628	5344	5473	5512
15	5468	5589	5253	5464	5460
20	5309	5717	5272	5621	5524
25	5386	5486	5706	5255	5599
30	5674	5637	5323	5582	5620
35	5314	5308	5585	5315	5265
40	5256	5541	5600	5548	5522
45	5476	5352	5378	5446	5454
50	5463	5625	5267	5437	5432
55	5549	5275	5546	5556	5487
60	5459	5262	5263	5703	5716
65	5368	5616	5714	5404	5587
70	5254	5285	5590	5349	5395
75	5381	5358	5607	5526	5483
80	5299	5611	5497	5418	5584
85	5279	5650	5531	5350	5529
90	5667	5455	5461	5292	5592
95	5687	5543	5708	5567	5335

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5330	5255	5380	5361	5662
5	5397	5548	5673	5300	5474
10	5446	5441	5669	5539	5494
15	5600	5595	5273	5537	5542
20	5472	5529	5347	5709	5720
25	5412	5473	5589	5590	5265
30	5297	5488	5631	5377	5475
35	5305	5405	5676	5263	5326
40	5579	5436	5479	5268	5545
45	5451	5456	5435	5499	5719
50	5717	5318	5526	5633	5396
55	5463	5500	5271	5306	5430
60	5285	5427	5535	5314	5439
65	5663	5440	5419	5621	5466
70	5715	5690	5313	5425	5308
75	5267	5501	5588	5303	5496
80	5555	5309	5296	5613	5289
85	5426	5339	5270	5401	5302
90	5310	5357	5634	5489	5343
95	5498	5647	5443	5585	5336

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5585	5494	5316	5522	5407
5	5439	5570	5273	5463	5681
10	5377	5705	5710	5637	5515
15	5591	5722	5376	5582	5259
20	5480	5695	5288	5323	5693
25	5300	5325	5317	5694	5299
30	5339	5474	5588	5592	5724
35	5600	5326	5593	5472	5416
40	5715	5418	5519	5417	5508
45	5542	5283	5436	5518	5397
50	5552	5606	5502	5369	5615
55	5456	5340	5651	5454	5461
60	5503	5304	5414	5250	5367
65	5465	5260	5640	5612	5476
70	5629	5269	5312	5426	5540
75	5401	5267	5711	5524	5547
80	5569	5555	5336	5473	5359
85	5394	5333	5667	5268	5302
90	5462	5364	5355	5550	5605
95	5603	5607	5423	5702	5427

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5268	5258	5252	5683	5724
5	5481	5495	5348	5626	5413
10	5308	5494	5276	5357	5536
15	5679	5277	5382	5627	5451
20	5391	5386	5704	5315	5666
25	5663	5652	5520	5420	5333
30	5478	5363	5545	5710	5401
35	5465	5684	5629	5257	5602
40	5273	5539	5687	5416	5601
45	5455	5508	5396	5469	5678
50	5279	5662	5364	5408	5554
55	5322	5275	5543	5282	5670
60	5674	5291	5303	5463	5561
65	5415	5461	5547	5509	5696
70	5389	5377	5701	5583	5644
75	5690	5550	5332	5716	5592
80	5540	5422	5528	5667	5682
85	5362	5654	5329	5406	5323
90	5328	5646	5460	5485	5440
95	5286	5542	5523	5712	5432

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5523	5497	5663	5369	5469
5	5620	5517	5423	5314	5717
10	5617	5283	5317	5552	5557
15	5292	5404	5485	5575	5643
20	5399	5455	5267	5639	5454
25	5601	5626	5524	5367	5520
30	5252	5502	5450	5650	5618
35	5507	5300	5539	5344	5640
40	5571	5307	5671	5416	5633
45	5616	5396	5684	5513	5561
50	5345	5379	5471	5415	5577
55	5606	5362	5269	5721	5672
60	5447	5615	5603	5689	5724
65	5664	5510	5451	5578	5350
70	5553	5495	5321	5713	5353
75	5660	5289	5358	5531	5584
80	5254	5373	5704	5582	5388
85	5723	5570	5325	5274	5360
90	5623	5377	5397	5253	5457
95	5337	5492	5376	5285	5645

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5303	5261	5599	5530	5311
5	5662	5442	5498	5380	5449
10	5548	5644	5358	5272	5578
15	5531	5588	5620	5360	5407
20	5621	5683	5396	5612	5342
25	5453	5354	5628	5401	5562
30	5713	5459	5665	5327	5438
35	5646	5391	5432	5497	5554
40	5507	5390	5609	5656	5630
45	5448	5279	5292	5474	5614
50	5555	5522	5504	5643	5316
55	5338	5692	5326	5657	5435
60	5515	5670	5503	5373	5625
65	5481	5324	5329	5619	5424
70	5409	5404	5264	5364	5629
75	5393	5645	5385	5540	5473
80	5463	5466	5637	5411	5722
85	5346	5542	5280	5431	5627
90	5362	5392	5476	5274	5719
95	5273	5661	5422	5285	5276

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5558	5500	5535	5691	5531
5	5704	5464	5573	5543	5656
10	5479	5433	5496	5467	5599
15	5371	5658	5665	5552	5318
20	5690	5624	5485	5585	5608
25	5402	5557	5257	5435	5604
30	5602	5416	5405	5576	5636
35	5310	5482	5703	5272	5468
40	5346	5473	5547	5421	5627
45	5377	5259	5375	5532	5667
50	5475	5256	5593	5601	5397
55	5356	5270	5649	5632	5566
60	5358	5302	5267	5341	5616
65	5688	5408	5426	5713	5265
70	5431	5319	5564	5424	5314
75	5305	5578	5393	5432	5590
80	5516	5474	5507	5708	5382
85	5260	5348	5561	5505	5365
90	5495	5544	5707	5286	5368
95	5509	5471	5491	5447	5647

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5716	5264	5471	5377	5373
5	5271	5389	5648	5706	5485
10	5313	5697	5537	5565	5620
15	5459	5310	5319	5710	5269
20	5326	5381	5662	5477	5558
25	5496	5254	5285	5458	5469
30	5268	5491	5523	5253	5456
35	5449	5670	5499	5425	5382
40	5660	5556	5661	5624	5684
45	5714	5590	5720	5700	5351
50	5432	5682	5424	5719	5544
55	5602	5364	5451	5487	5467
60	5547	5574	5659	5414	5357
65	5462	5545	5535	5612	5391
70	5550	5427	5638	5265	5552
75	5593	5571	5293	5288	5296
80	5282	5455	5376	5622	5408
85	5278	5470	5416	5397	5292
90	5402	5294	5483	5605	5502
95	5541	5580	5479	5722	5331

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5496	5503	5407	5441	5593
5	5410	5411	5723	5394	5692
10	5719	5486	5578	5285	5641
15	5547	5340	5325	5658	5461
20	5334	5450	5603	5566	5531
25	5287	5581	5488	5562	5310
30	5477	5330	5263	5502	5654
35	5491	5286	5392	5393	5499
40	5261	5423	5329	5621	5613
45	5694	5541	5648	5298	5587
50	5605	5608	5675	5296	5722
55	5663	5257	5556	5554	5270
60	5508	5616	5632	5589	5406
65	5565	5712	5306	5401	5280
70	5427	5415	5560	5536	5527
75	5487	5635	5709	5672	5552
80	5545	5597	5544	5313	5456
85	5279	5650	5561	5371	5470
90	5338	5370	5516	5465	5339
95	5651	5592	5622	5557	5525

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5276	5267	5343	5602	5435
5	5452	5336	5323	5460	5424
10	5553	5275	5619	5480	5662
15	5635	5467	5428	5703	5720
20	5616	5544	5558	5504	5650
25	5530	5594	5666	5537	5352
30	5366	5287	5478	5654	5474
35	5630	5377	5663	5353	5307
40	5344	5361	5569	5715	5542
45	5674	5624	5609	5254	5481
50	5309	5251	5482	5448	5510
55	5445	5269	5479	5270	5322
60	5534	5335	5391	5551	5438
65	5255	5437	5587	5697	5693
70	5632	5522	5611	5455	5678
75	5317	5533	5610	5325	5477
80	5519	5370	5279	5403	5431
85	5565	5303	5421	5289	5382
90	5401	5373	5701	5639	5612
95	5606	5441	5685	5285	5521

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5531	5506	5279	5288	5655
5	5494	5358	5398	5623	5253
10	5484	5539	5660	5675	5683
15	5626	5594	5273	5467	5685
20	5582	5647	5477	5441	5382
25	5322	5295	5571	5491	5352
30	5719	5693	5428	5294	5468
35	5459	5696	5274	5427	5299
40	5334	5712	5374	5654	5707
45	5667	5307	5264	5357	5485
50	5302	5271	5454	5536	5464
55	5362	5286	5353	5399	5487
60	5479	5642	5314	5261	5679
65	5376	5492	5496	5326	5605
70	5533	5587	5414	5550	5437
75	5450	5514	5720	5581	5641
80	5662	5657	5394	5282	5646
85	5375	5537	5580	5320	5407
90	5318	5713	5656	5590	5336
95	5323	5313	5463	5616	5296

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5311	5270	5690	5449	5497
5	5536	5283	5473	5460	5415
10	5425	5701	5395	5704	5714
15	5721	5634	5318	5659	5261
20	5376	5523	5639	5450	5329
25	5331	5525	5496	5605	5533
30	5716	5676	5336	5580	5492
35	5559	5255	5707	5588	5607
40	5615	5574	5709	5303	5537
45	5315	5250	5360	5529	5708
50	5661	5353	5660	5569	5301
55	5724	5418	5552	5324	5528
60	5652	5424	5474	5540	5462
65	5628	5412	5629	5384	5299
70	5398	5591	5633	5563	5373
75	5519	5495	5254	5355	5362
80	5330	5287	5382	5560	5454
85	5514	5310	5400	5485	5413
90	5344	5675	5347	5295	5722
95	5302	5416	5614	5508	5392

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5469	5509	5626	5610	5717
5	5675	5305	5548	5474	5667
10	5724	5689	5267	5493	5250
15	5327	5373	5262	5266	5376
20	5647	5445	5464	5253	5423
25	5692	5658	5600	5639	5575
30	5605	5633	5551	5354	5312
35	5475	5650	5623	5434	5621
40	5427	5690	5553	5706	5517
45	5398	5686	5413	5416	5487
50	5362	5404	5274	5392	5720
55	5437	5372	5302	5295	5560
60	5342	5466	5306	5538	5486
65	5663	5577	5448	5364	5654
70	5480	5567	5636	5261	5442
75	5332	5391	5580	5476	5506
80	5368	5618	5397	5330	5645
85	5501	5417	5569	5479	5380
90	5461	5598	5419	5378	5460
95	5359	5655	5607	5659	5519

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5724	5273	5562	5296	5559
5	5717	5705	5623	5540	5399
10	5655	5478	5308	5688	5271
15	5415	5403	5268	5311	5568
20	5611	5405	5720	5396	5483
25	5510	5456	5704	5673	5714
30	5591	5590	5291	5506	5614
35	5363	5419	5587	5535	5266
40	5298	5491	5482	5703	5539
45	5497	5481	5269	5466	5681
50	5538	5455	5460	5593	5567
55	5625	5326	5457	5596	5689
60	5507	5411	5710	5364	5432
65	5486	5526	5387	5671	5546
70	5283	5639	5563	5261	5585
75	5418	5360	5700	5307	5561
80	5393	5642	5297	5463	5440
85	5380	5286	5347	5334	5709
90	5340	5522	5315	5342	5468
95	5329	5357	5505	5638	5622

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5504	5512	5498	5457	5304
5	5284	5252	5698	5703	5586
10	5267	5446	5408	5292	5406
15	5530	5371	5356	5285	5663
20	5302	5443	5334	5369	5459
25	5659	5333	5707	5281	5480
30	5547	5506	5280	5330	5278
35	5454	5690	5265	5546	5677
40	5381	5429	5722	5322	5468
45	5477	5564	5327	5519	5568
50	5714	5549	5416	5511	5338
55	5647	5415	5615	5343	5672
60	5542	5665	5475	5687	5423
65	5341	5561	5711	5646	5264
70	5434	5394	5250	5345	5353
75	5438	5535	5588	5655	5456
80	5639	5589	5366	5282	5440
85	5312	5385	5482	5616	5505
90	5528	5349	5602	5577	5346
95	5412	5623	5403	5520	5402

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5284	5373	5434	5521	5821
5	5326	5652	5298	5391	5435
10	5420	5531	5487	5603	5313
15	5494	5657	5474	5304	5477
20	5574	5371	5384	5342	5637
25	5311	5290	5437	5266	5323
30	5369	5504	5624	5432	5528
35	5320	5545	5583	5515	5460
40	5516	5561	5367	5390	5319
45	5300	5457	5647	5288	5572
50	5358	5590	5415	5557	5638
55	5714	5526	5709	5362	5586
60	5472	5301	5374	5588	5421
65	5510	5424	5713	5611	5364
70	5405	5632	5661	5370	5684
75	5676	5465	5496	5690	5601
80	5436	5414	5616	5636	5309
85	5366	5599	5403	5573	5655
90	5339	5255	5670	5534	5286
95	5484	5589	5467	5704	5398

Type 6 Radar Waveform_30

Frequency List (MHz)	0	1	2	3	4
0	5442	5612	5370	5682	5366
5	5465	5674	5373	5554	5642
10	5351	5417	5528	5323	5334
15	5582	5309	5577	5349	5669
20	5537	5325	5415	5315	5525
25	5260	5493	5638	5300	5462
30	5355	5461	5364	5681	5348
35	5459	5636	5379	5668	5374
40	5644	5305	5630	5316	5704
45	5437	5255	5348	5720	5369
50	5591	5608	5252	5302	5714
55	5663	5552	5431	5557	5601
60	5527	5343	5414	5367	5711
65	5398	5448	5503	5477	5618
70	5510	5643	5645	5488	5542
75	5497	5467	5692	5481	5679
80	5633	5504	5269	5538	5463
85	5290	5620	5390	5634	5360
90	5540	5320	5698	5522	5688
95	5296	5478	5456	5420	5517

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2021/09/03		
Test Item	Radar Statistical Performance Check (802.11ac-VHT20 mode - 5500MHz)		
Test Mode	Mode 1		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5490.4	1	16	5495	1
2	5492	1	17	5499	1
3	5499	1	18	5507	1
4	5509	1	19	5508	1
5	5498	1	20	5509	1
6	5504	1	21	5504	1
7	5499	1	22	5505	1
8	5495	1	23	5506	1
9	5507	1	24	5509	1
10	5500	1	25	5496	1
11	5501	1	26	5506	1
12	5509	1	27	5496	1
13	5500	0	28	5503	1
14	5499	1	29	5493	1
15	5507	1	30	5509.6	1
Detection Percentage (%)					96.7%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5490.4	1	16	5495	1
2	5492	1	17	5499	1
3	5499	1	18	5507	1
4	5509	1	19	5508	1
5	5498	1	20	5509	1
6	5504	1	21	5504	1
7	5499	1	22	5505	0
8	5495	0	23	5506	1
9	5507	1	24	5509	1
10	5500	1	25	5496	1
11	5501	1	26	5506	0
12	5509	0	27	5496	1
13	5500	1	28	5503	0
14	5499	1	29	5493	0
15	5507	1	30	5509.6	1
Detection Percentage (%)					80.0%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5490.4	1	16	5495	1
2	5492	0	17	5499	1
3	5499	1	18	5507	1
4	5509	1	19	5508	1
5	5498	1	20	5509	0
6	5504	1	21	5504	1
7	5499	1	22	5505	0
8	5495	0	23	5506	0
9	5507	1	24	5509	1
10	5500	1	25	5496	1
11	5501	1	26	5506	1
12	5509	1	27	5496	0
13	5500	1	28	5503	1
14	5499	1	29	5493	1
15	5507	1	30	5509.6	0
Detection Percentage (%)					76.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5490.4	0	16	5495	1
2	5492	1	17	5499	1
3	5499	1	18	5507	1
4	5509	1	19	5508	1
5	5498	0	20	5509	0
6	5504	1	21	5504	1
7	5499	1	22	5505	0
8	5495	1	23	5506	0
9	5507	0	24	5509	1
10	5500	1	25	5496	1
11	5501	1	26	5506	1
12	5509	1	27	5496	0
13	5500	1	28	5503	0
14	5499	1	29	5493	1
15	5507	1	30	5509.6	1
Detection Percentage (%)					73.3%

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%+80.0%+76.7%+73.3%)/4 = 81.7% (>80%)

Type 1 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	538.0	99	53262.0
Download	1	Type 1	1.0	858.0	62	53196.0
Download	2	Type 1	1.0	938.0	57	53466.0
Download	3	Type 1	1.0	738.0	72	53136.0
Download	4	Type 1	1.0	578.0	92	53176.0
Download	5	Type 1	1.0	518.0	102	52836.0
Download	6	Type 1	1.0	758.0	70	53060.0
Download	7	Type 1	1.0	878.0	61	53558.0
Download	8	Type 1	1.0	838.0	63	52794.0
Download	9	Type 1	1.0	818.0	65	53148.0
Download	10	Type 1	1.0	778.0	68	52904.0
Download	11	Type 1	1.0	658.0	81	53298.0
Download	12	Type 1	1.0	638.0	83	52954.0
Download	13	Type 1	1.0	678.0	78	52884.0
Download	14	Type 1	1.0	798.0	67	53466.0
Download	15	Type 1	1.0	2928.0	19	55632.0
Download	16	Type 1	1.0	1293.0	41	53013.0
Download	17	Type 1	1.0	700.0	76	53200.0
Download	18	Type 1	1.0	602.0	88	52976.0
Download	19	Type 1	1.0	1501.0	36	54036.0
Download	20	Type 1	1.0	1216.0	44	53504.0
Download	21	Type 1	1.0	1482.0	36	53352.0
Download	22	Type 1	1.0	1244.0	43	53492.0
Download	23	Type 1	1.0	2124.0	25	53100.0
Download	24	Type 1	1.0	1263.0	42	53046.0
Download	25	Type 1	1.0	2357.0	23	54211.0
Download	26	Type 1	1.0	789.0	67	52863.0
Download	27	Type 1	1.0	1985.0	27	53595.0
Download	28	Type 1	1.0	2787.0	19	52953.0
Download	29	Type 1	1.0	897.0	59	52923.0

Type 2 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	2.1	160.0	24	3840.0
Download	1	Type 2	3.8	173.0	27	4671.0
Download	2	Type 2	1.4	185.0	23	4255.0
Download	3	Type 2	1.0	163.0	23	3749.0
Download	4	Type 2	3.9	184.0	28	5152.0
Download	5	Type 2	4.7	180.0	29	5220.0
Download	6	Type 2	1.1	164.0	23	3772.0
Download	7	Type 2	1.7	167.0	24	4008.0
Download	8	Type 2	4.5	209.0	29	6061.0
Download	9	Type 2	1.0	208.0	23	4784.0
Download	10	Type 2	1.8	221.0	24	5304.0
Download	11	Type 2	2.9	187.0	26	4862.0
Download	12	Type 2	1.3	201.0	23	4623.0
Download	13	Type 2	3.0	219.0	26	5694.0
Download	14	Type 2	1.2	154.0	23	3542.0
Download	15	Type 2	2.9	193.0	26	5018.0
Download	16	Type 2	4.8	223.0	29	6467.0
Download	17	Type 2	3.8	195.0	27	5265.0
Download	18	Type 2	2.3	215.0	25	5375.0
Download	19	Type 2	3.3	186.0	27	5022.0
Download	20	Type 2	4.6	217.0	29	6293.0
Download	21	Type 2	1.8	203.0	24	4872.0
Download	22	Type 2	3.1	153.0	26	3978.0
Download	23	Type 2	5.0	191.0	29	5539.0
Download	24	Type 2	2.2	158.0	25	3950.0
Download	25	Type 2	3.5	227.0	27	6129.0
Download	26	Type 2	3.0	213.0	26	5538.0
Download	27	Type 2	3.1	188.0	26	4888.0
Download	28	Type 2	3.4	220.0	27	5940.0
Download	29	Type 2	2.8	210.0	25	5250.0

Type 3 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.1	352.0	18	5832.0
Download	1	Type 3	8.8	420.0	18	7560.0
Download	2	Type 3	8.4	364.0	18	5824.0
Download	3	Type 3	8.0	465.0	18	7440.0
Download	4	Type 3	8.9	499.0	18	8982.0
Download	5	Type 3	9.7	351.0	18	6318.0
Download	6	Type 3	8.1	370.0	18	5920.0
Download	7	Type 3	6.7	215.0	16	3440.0
Download	8	Type 3	9.5	300.0	18	5400.0
Download	9	Type 3	6.0	335.0	16	5360.0
Download	10	Type 3	6.8	336.0	16	5376.0
Download	11	Type 3	7.9	358.0	17	6086.0
Download	12	Type 3	6.3	208.0	16	3328.0
Download	13	Type 3	8.0	318.0	17	5406.0
Download	14	Type 3	6.2	244.0	16	3904.0
Download	15	Type 3	7.9	490.0	17	8330.0
Download	16	Type 3	9.8	495.0	18	8910.0
Download	17	Type 3	8.8	227.0	18	4086.0
Download	18	Type 3	7.3	402.0	16	6432.0
Download	19	Type 3	8.3	320.0	17	5440.0
Download	20	Type 3	9.6	392.0	18	7056.0
Download	21	Type 3	8.8	481.0	16	7696.0
Download	22	Type 3	8.1	494.0	17	8398.0
Download	23	Type 3	10.0	311.0	18	5598.0
Download	24	Type 3	7.2	426.0	16	6816.0
Download	25	Type 3	8.5	405.0	17	6885.0
Download	26	Type 3	8.0	422.0	17	7174.0
Download	27	Type 3	8.1	416.0	17	7072.0
Download	28	Type 3	8.4	462.0	17	7854.0
Download	29	Type 3	7.6	374.0	17	6358.0

Type 4 Radar Statistical Performance

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	13.4	352.0	13	4576.0
Download	1	Type 4	17.3	420.0	15	6300.0
Download	2	Type 4	11.9	364.0	12	4368.0
Download	3	Type 4	11.0	465.0	12	5580.0
Download	4	Type 4	17.5	499.0	15	7485.0
Download	5	Type 4	19.3	351.0	16	5616.0
Download	6	Type 4	11.3	370.0	12	4440.0
Download	7	Type 4	12.6	215.0	12	2580.0
Download	8	Type 4	18.9	300.0	16	4800.0
Download	9	Type 4	11.0	335.0	12	4020.0
Download	10	Type 4	12.8	336.0	12	4032.0
Download	11	Type 4	15.3	358.0	14	5012.0
Download	12	Type 4	11.7	208.0	12	2496.0
Download	13	Type 4	15.5	318.0	14	4452.0
Download	14	Type 4	11.5	244.0	12	2928.0
Download	15	Type 4	15.3	490.0	14	6860.0
Download	16	Type 4	19.5	495.0	16	7920.0
Download	17	Type 4	17.2	227.0	15	3405.0
Download	18	Type 4	13.9	402.0	13	5226.0
Download	19	Type 4	16.2	320.0	14	4480.0
Download	20	Type 4	19.0	392.0	16	6272.0
Download	21	Type 4	12.9	481.0	13	6253.0
Download	22	Type 4	15.8	494.0	14	6916.0
Download	23	Type 4	19.9	311.0	16	4976.0
Download	24	Type 4	13.8	426.0	13	5538.0
Download	25	Type 4	16.8	405.0	15	6075.0
Download	26	Type 4	15.6	422.0	14	5908.0
Download	27	Type 4	15.6	416.0	14	5824.0
Download	28	Type 4	16.4	462.0	14	6468.0
Download	29	Type 4	14.5	374.0	13	4862.0

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5500	0	16	5495.2	1
2	5500	1	17	5498.4	1
3	5500	1	18	5496.4	1
4	5500	1	19	5494.4	0
5	5500	1	20	5496	1
6	5500	1	21	5502	1
7	5500	1	22	5506.4	1
8	5500	1	23	5504.4	1
9	5500	1	24	5501.6	1
10	5500	1	25	5505.6	1
11	5493.6	1	26	5504	1
12	5495.2	1	27	5504.4	1
13	5492.8	0	28	5504.4	1
14	5495.2	1	29	5504	1
15	5492.4	1	30	5505.2	1
Detection Percentage (%)					90.0%

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)
557953.0	63.5	9	1	1388.0	-	-
819876.0	84.8	9	3	1368.0	1902.0	1193.0
1086132.0	55.1	9	1	1697.0	-	-
261035.0	50.0	9	1	1915.0	-	-
523778.0	86.0	9	3	1470.0	1629.0	1662.0
788076.0	95.9	9	3	1085.0	1254.0	1218.0
1054210.0	51.7	9	1	1058.0	-	-
228641.0	59.1	9	1	1252.0	-	-
491535.0	93.7	9	3	1120.0	1496.0	1691.0
756843.0	50.4	9	1	1757.0	-	-
1021451.0	59.9	9	1	1272.0	-	-

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)
126524.0	73.7	16	2	1486.0	1308.0	-
297506.0	54.3	16	1	1703.0	-	-
467423.0	74.7	16	2	1124.0	1885.0	-
638890.0	53.0	16	1	1910.0	-	-
105541.0	73.8	16	2	1443.0	1210.0	-
275579.0	97.2	16	3	1026.0	1224.0	1720.0
445231.0	84.3	16	3	1602.0	1997.0	1290.0
618429.0	66.3	16	1	1260.0	-	-
84589.0	79.0	16	2	1152.0	1027.0	-
254110.0	94.1	16	3	1930.0	1595.0	1824.0
426103.0	60.9	16	1	1892.0	-	-
595631.0	76.6	16	2	1981.0	1341.0	-
63352.0	99.1	16	3	1776.0	1342.0	1435.0
234586.0	65.8	16	1	1129.0	-	-
404297.0	81.2	16	2	1583.0	1657.0	-
574843.0	75.6	16	2	1356.0	1721.0	-
42494.0	75.6	16	2	1861.0	1145.0	-

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)
403010.0	79.9	6	2	1405.0	1810.0	-
725570.0	69.7	6	2	1593.0	1687.0	-
1049755.0	65.8	6	1	1244.0	-	-
40690.0	80.2	6	2	1270.0	1538.0	-
363686.0	56.2	6	1	1705.0	-	-
684773.0	83.6	6	3	1658.0	1944.0	1738.0
1009756.0	54.2	6	1	1512.0	-	-
943.0	59.1	6	1	1051.0	-	-
323281.0	92.3	6	3	1100.0	1346.0	1821.0

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)
727184.0	82.1	5	2	1096.0	1935.0	-
1090166.0	77.7	5	2	1635.0	1507.0	-
1453921.0	74.3	5	2	1220.0	1180.0	-
319358.0	71.4	5	2	1784.0	1450.0	-
681475.0	95.3	5	3	1781.0	1862.0	1555.0
1044052.0	86.9	5	3	1672.0	1758.0	1710.0
1409941.0	51.8	5	1	1592.0	-	-
274611.0	76.9	5	2	1735.0	1669.0	-

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)
300097.0	59.2	16	1	1467.0	-	-
469618.0	77.7	16	2	1785.0	1660.0	-
641926.0	60.5	16	1	1310.0	-	-
108194.0	54.3	16	1	1570.0	-	-
277888.0	89.0	16	3	1187.0	1537.0	1685.0
448474.0	67.9	16	2	1834.0	1859.0	-
619714.0	73.2	16	2	1176.0	1454.0	-
87158.0	54.0	16	1	1532.0	-	-
257437.0	66.8	16	2	1263.0	1765.0	-
428385.0	81.8	16	2	1212.0	1023.0	-
599835.0	52.5	16	1	1303.0	-	-
66107.0	58.1	16	1	1626.0	-	-
236867.0	56.1	16	1	1760.0	-	-
406025.0	84.3	16	3	1715.0	1073.0	1759.0
578711.0	54.8	16	1	1394.0	-	-
45033.0	70.3	16	2	1150.0	1025.0	-
215685.0	76.1	16	2	1153.0	1083.0	-

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)
345014.0	79.2	19	2	1281.0	1922.0	-
497709.0	73.9	19	2	1448.0	1384.0	-
21412.0	84.7	19	3	1563.0	1414.0	1039.0
173941.0	79.7	19	2	1618.0	1223.0	-
326204.0	67.4	19	2	1348.0	1927.0	-
478716.0	70.7	19	2	1527.0	1580.0	-
2667.0	70.5	19	2	2000.0	1409.0	-
154698.0	93.9	19	3	1858.0	1349.0	1498.0
307568.0	81.6	19	2	1569.0	1432.0	-
461266.0	65.1	19	1	1296.0	-	-
613480.0	56.6	19	1	1962.0	-	-
136023.0	92.1	19	3	1323.0	1587.0	1553.0
289708.0	57.5	19	1	1002.0	-	-
440473.0	98.8	19	3	1831.0	1256.0	1006.0
594091.0	74.1	19	2	1401.0	1175.0	-
117432.0	74.8	19	2	1955.0	1741.0	-
269656.0	72.1	19	2	1979.0	1849.0	-
423248.0	56.5	19	1	1830.0	-	-
576437.0	53.4	19	1	1333.0	-	-

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)
235559.0	65.0	5	1	1089.0	-	-
598247.0	71.3	5	2	1412.0	1790.0	-
960889.0	91.0	5	3	1548.0	1179.0	1064.0
1325467.0	51.8	5	1	1871.0	-	-
190296.0	92.6	5	3	1297.0	1989.0	1606.0
553844.0	76.2	5	2	1269.0	1088.0	-
915453.0	89.5	5	3	1928.0	1240.0	1829.0
1281078.0	51.7	5	1	1442.0	-	-

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)
116748.0	51.6	7	1	1411.0	-	-
407255.0	50.9	7	1	1966.0	-	-
696120.0	86.1	7	3	1754.0	1599.0	1524.0
986220.0	97.8	7	3	1574.0	1182.0	1825.0
80845.0	72.8	7	2	1709.0	1117.0	-
371649.0	54.0	7	1	1372.0	-	-
660211.0	95.3	7	3	1904.0	1994.0	1352.0
953190.0	66.1	7	1	1207.0	-	-
45129.0	63.0	7	1	1550.0	-	-
335362.0	67.1	7	2	1788.0	1292.0	-

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)
327853.0	97.2	18	3	1374.0	1112.0	1887.0
479950.0	91.8	18	3	1896.0	1488.0	1015.0
4907.0	56.9	18	1	1046.0	-	-
156852.0	90.0	18	3	1652.0	1992.0	1313.0
310530.0	60.5	18	1	1502.0	-	-
463001.0	57.4	18	1	1968.0	-	-
616487.0	52.7	18	1	1165.0	-	-
138896.0	66.6	18	1	1491.0	-	-
291751.0	62.0	18	1	1407.0	-	-
444614.0	59.2	18	1	1369.0	-	-
596240.0	83.0	18	2	1590.0	1066.0	-
119790.0	78.5	18	2	1694.0	1277.0	-
271662.0	83.4	18	3	1607.0	1135.0	1582.0
423866.0	84.0	18	3	1162.0	1433.0	1617.0
577135.0	77.7	18	2	1134.0	1867.0	-
101180.0	51.3	18	1	1919.0	-	-
254111.0	55.2	18	1	1378.0	-	-
406742.0	54.8	18	1	1707.0	-	-
557103.0	88.3	18	3	1367.0	1526.0	1519.0

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)
195771.0	72.0	5	2	1584.0	1874.0	-
558328.0	92.2	5	3	1837.0	1122.0	1576.0
922744.0	53.5	5	1	1743.0	-	-
1284652.0	78.0	5	2	1954.0	1497.0	-
151078.0	69.0	5	2	1322.0	1985.0	-
513970.0	68.8	5	2	1872.0	1737.0	-
876898.0	92.9	5	3	1347.0	1020.0	1230.0
1238917.0	95.5	5	3	1558.0	1734.0	1400.0

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)
85109.0	67.3	8	2	1038.0	1377.0	-
375074.0	83.8	8	3	1261.0	1630.0	1077.0
665400.0	88.0	8	3	1146.0	1299.0	1071.0
957208.0	62.2	8	1	1484.0	-	-
49332.0	82.7	8	2	1391.0	1013.0	-
340112.0	61.1	8	1	1259.0	-	-
630626.0	57.6	8	1	1674.0	-	-
920071.0	74.9	8	2	1481.0	1736.0	-
13563.0	64.8	8	1	1639.0	-	-
303415.0	96.6	8	3	1545.0	1936.0	1264.0

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)
423854.0	75.1	12	2	1643.0	1613.0	-
632042.0	60.8	12	1	1775.0	-	-
837141.0	83.6	12	3	1600.0	1353.0	1221.0
190916.0	99.1	12	3	1844.0	1464.0	1437.0
398184.0	75.9	12	2	1836.0	1764.0	-
606368.0	64.1	12	1	1945.0	-	-
812749.0	80.2	12	2	1452.0	1577.0	-
165852.0	68.7	12	2	1010.0	1673.0	-
372786.0	73.2	12	2	1429.0	1939.0	-
579895.0	67.6	12	2	1801.0	1506.0	-
788220.0	52.1	12	1	1958.0	-	-
140173.0	70.1	12	2	1612.0	1999.0	-
347397.0	71.5	12	2	1552.0	1528.0	-
553737.0	98.9	12	3	1748.0	1392.0	1168.0

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)
1184823.0	90.5	6	3	1903.0	1108.0	1779.0
178747.0	77.8	6	2	1726.0	1178.0	-
501096.0	91.0	6	3	1457.0	1047.0	1253.0
824287.0	75.0	6	2	1514.0	1070.0	-
1145033.0	93.7	6	3	1809.0	1941.0	1157.0
139177.0	63.8	6	1	1219.0	-	-
461262.0	88.0	6	3	1116.0	1250.0	1718.0
784699.0	71.2	6	2	1137.0	1163.0	-
1107151.0	67.6	6	2	1603.0	1136.0	-

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)
63803.0	61.9	12	1	1924.0	-	-
270238.0	85.5	12	3	1637.0	1520.0	1865.0
478230.0	82.9	12	2	1625.0	1028.0	-
685431.0	74.1	12	2	1469.0	1233.0	-
38143.0	97.0	12	3	1949.0	1251.0	1192.0
245805.0	50.3	12	1	1459.0	-	-
452632.0	67.4	12	2	1041.0	1745.0	-
659494.0	75.7	12	2	1925.0	1309.0	-
12709.0	59.0	12	1	1632.0	-	-
220258.0	62.9	12	1	1395.0	-	-
427576.0	54.7	12	1	1852.0	-	-
634015.0	80.2	12	2	1246.0	1947.0	-
839243.0	94.1	12	3	1843.0	1478.0	1782.0
194694.0	54.7	12	1	1390.0	-	-

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)
703568.0	73.0	5	2	1891.0	1295.0	-
1067906.0	66.2	5	1	1344.0	-	-
1428080.0	89.5	5	3	1360.0	1690.0	1746.0
295635.0	97.8	5	3	1525.0	1118.0	1517.0
659515.0	50.2	5	1	1680.0	-	-
1020618.0	95.7	5	3	1375.0	1991.0	1663.0
1385035.0	75.3	5	2	1714.0	1327.0	-
250887.0	93.4	5	3	1458.0	1483.0	1578.0

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)
349431.0	97.2	12	3	1868.0	1841.0	1777.0
558876.0	62.2	12	1	1057.0	-	-
762967.0	89.1	12	3	1106.0	1969.0	1932.0
117795.0	71.8	12	2	1568.0	1307.0	-
325558.0	54.8	12	1	1358.0	-	-
532110.0	70.2	12	2	1267.0	1702.0	-
738768.0	82.7	12	2	1786.0	1767.0	-
92255.0	81.3	12	2	1880.0	1172.0	-
300015.0	50.9	12	1	1294.0	-	-
507425.0	58.5	12	1	1564.0	-	-
715313.0	53.9	12	1	1105.0	-	-
66608.0	93.2	12	3	1518.0	1766.0	1455.0
273920.0	71.6	12	2	1278.0	1661.0	-
481778.0	63.6	12	1	1719.0	-	-