DFS MEASUREMENT REPORT

FCC ID:	XIA-CMS2
Applicant:	NetComm Wireless Pty Ltd
Product:	Wi-Fi 6 CloudMesh Satellite
Model No.:	CMS2
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Result:	Complies
Test Date:	2022-05-31 ~ 2022-06-10

Reviewed By: Vincent Yu

Approved By: Robin Wu

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

Revision History

Report No.	Version	Description	Issue Date	Note
2201RSU011-U3	Rev. 01	Initial Report	2022-08-10	Valid

CONTENTS

1. General Information

1.1. Applicant

NetComm Wireless Pty Ltd

Level 5, 18-20 Orion Road, Lane Cove NSW 2066 Australia

1.2. Manufacturer

Casa Systems Inc.

100 Old River Road, Andover MA 01810 USA

1.3. Testing Facility

<table>
<tr><td>☒</td><td colspan="5">Test Site – MRT Suzhou Laboratory</td></tr>
<tr><td></td><td colspan="5">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</td></tr>
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<tr><td></td><td colspan="2">FCC: 291082, TW3261</td><td colspan="3">ISED: TW3261</td></tr>
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1.4. Product Information

Product Name	Wi-Fi 6 CloudMesh Satellite
Model No.	CMS2
Test Sample ID	20220526Sample#08
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Antenna Information	Refer to Clause 1.7
Power Supply	AC/DC Adapter
Accessory	
Adapter	Model: S24B72-120A200-0K Input: 100 - 240V ~ 50/60Hz 0.8A Output: 12.0V 2.0A, 24W
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/ax-HE20: 5260~5320MHz, 5500~5580MHz, 5660~5720MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5550MHz, 5670~5710MHz For 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5690MHz
Type of Modulation	802.11a/n/ac: OFDM 802.11ax: OFDMA
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.6Mbps 802.11ax: up to 1201Mbps
Power-on cycle	Requires 240.3 seconds to complete its power-on cycle
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/ax-HE20

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

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

Channel	Frequency	Channel	Frequency	Channel	Frequency
54	5270 MHz	62	5310 MHz	102	5510 MHz
110	5550 MHz	134	5670 MHz	142	5710 MHz

802.11ac-VHT80/ax-HE80

Channel	Frequency	Channel	Frequency	Channel	Frequency
58	5290 MHz	106	5530 MHz	138	5690 MHz

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	T_X Paths	Max. Antenna Gain (dBi)	Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
					For Power	For PSD
Dipole	2412 ~ 2462	2	3.41	6.42	3.41	6.42
	5180 ~ 5825	2	4.20	7.21	4.20	7.21

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/ax, not include 802.11a/b/g. BF Directional gain = G_{ANT} + 10 log (N_{ANT}). For beamforming operation, manufacturer automatically backs power down based on a 10log (N_{ANT}) factor based on CDD power. Therefore, only the CDD mode was evaluated in this report.

2. Test Configuration

2.1. Test Mode

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

2.2. Test Channel

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

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

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

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

3.2. DFS Devices Requirements

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

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

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

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

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

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

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

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

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

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

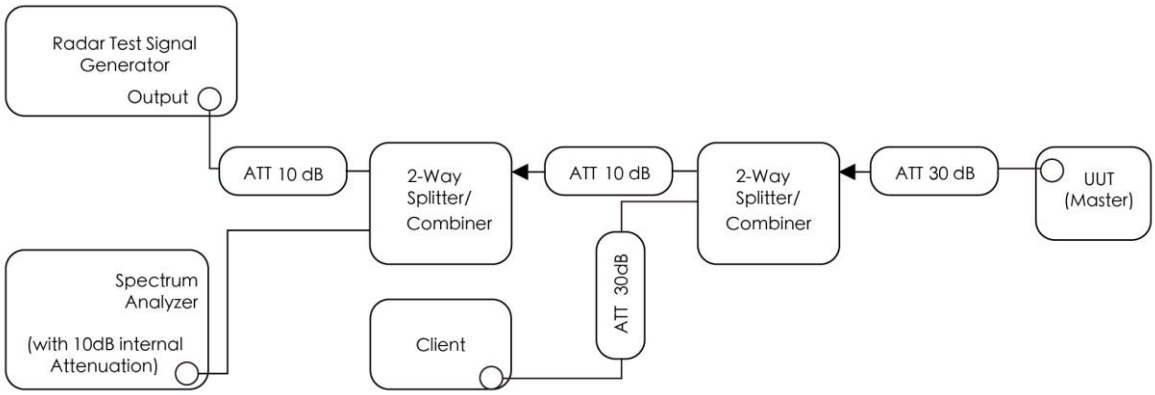


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Multifunction Synthesizer	HP	HP8904A	MRTSUE06097	1 year	2022/9/12	WZ-SR4
Modulation Analyzer	HP	HP8901A	MRTSUE06098	1 year	2022/9/12	WZ-SR4
Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2023/4/6	WZ-SR4
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2022/10/10	WZ-SR4
Signal Generator	R&S	SMBV100A	MRTSUE06279	1 year	2023/4/6	WZ-SR4
DECT Tester	RTX	RTX2012	MRTSUE06408	1 year	2023/2/14	WZ-SR4
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2022/6/24	WZ-SR4
Frequency extender for EXG or MXG	Keysight	N5182BX07	MRTSUE06984	1 year	2023/3/3	WZ-SR4
Signal Analyzer	R&S	FSV40	MRTSUE06990	1 year	2022/10/12	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06993	1 year	2022/9/10	WZ-SR4
Signal Generator	R&S	SMU200A	MRTSUE06490	1 year	2023/2/14	WZ-SR4

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wi-Fi Module	Intel	AX200NGW	FCC ID: PD9AX200NG

Software	Version	Manufacturer	Function
DFS Tool	V 6.9.2	Agilent	DFS Test Software
Pulse Sequencer	V 2.0	R&S	DFS Test Software
Signal Studio	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 Measurement

5.2.1. Calibration Setup

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

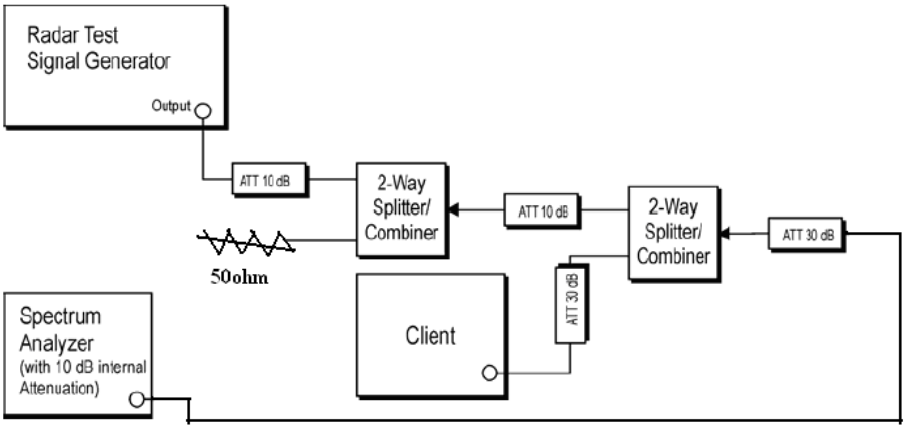


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

The Interference Radar Detection Threshold Level is (-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 & A.2

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.3.

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.4.

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.5.

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.6.

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

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.7.

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

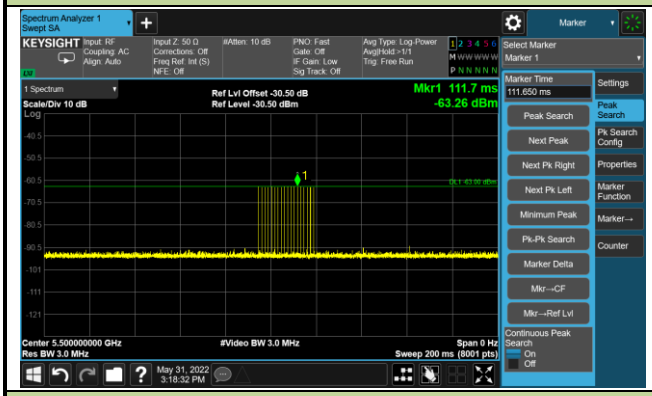
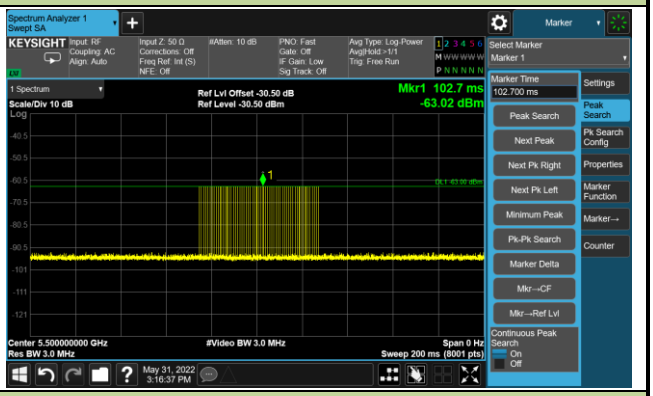
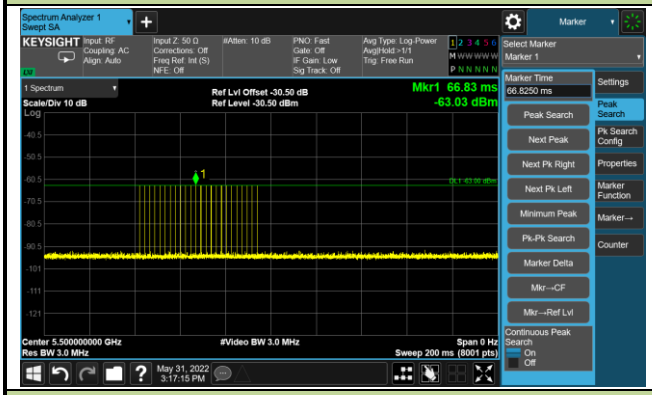
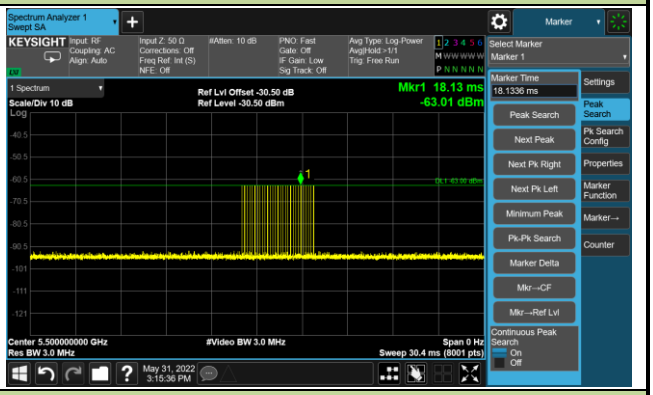
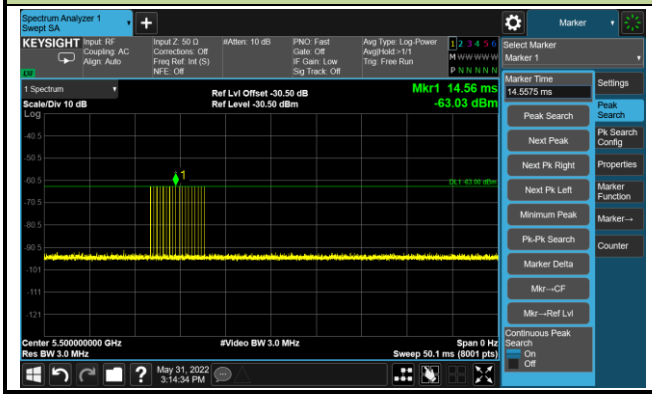
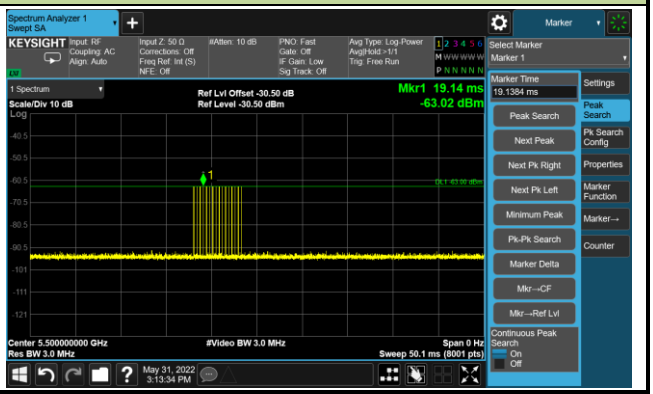
5.8.3. Test Result

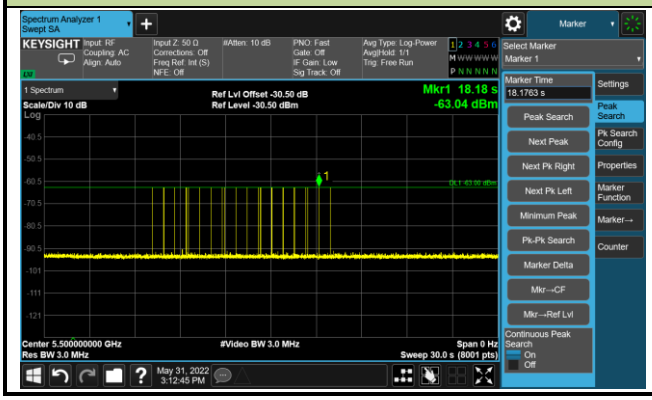
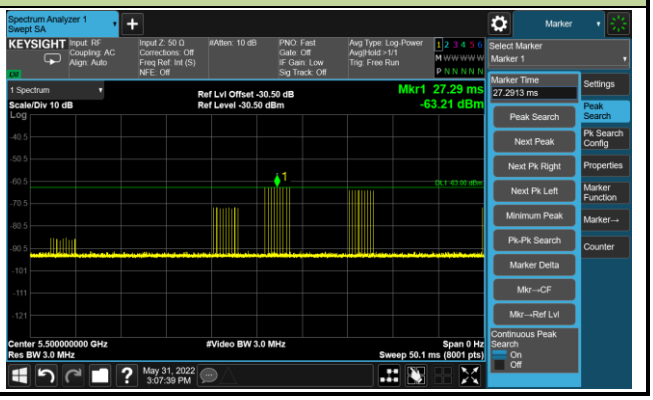
Refer to Appendix A.8.

Appendix A – Test Result

A.1 Calibration Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/05/31	Test Item	Radar Waveform Calibration

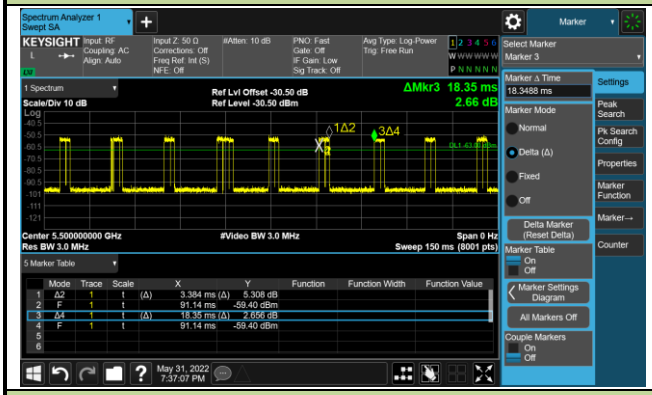
Radar Waveform Calibration	
Radar #0	Radar #1-A-938-57
	
Radar #1-B-2260-24	Radar #2
	
Radar #3	Radar #4
	

Radar #5	Radar #6
	

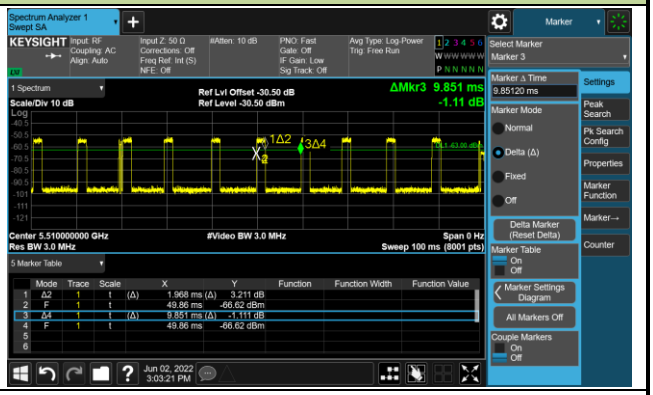
A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/05/31~2022/06/02	Test Item	Channel Loading

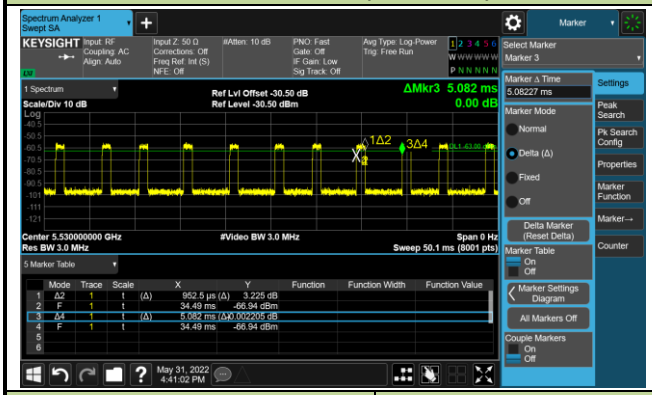
802.11ax-HE20 (5500MHz)



802.11ax-HE40 (5510MHz)



802.11ax-HE80 (5530MHz)



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	18.44%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	19.98%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	18.74%	≥ 17%	Pass

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

A.3 NII Detection Bandwidth Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/07		
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate
5490 FL	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510 FH	1	1	1	1	1	1	1	1	1	1	100%

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 17.613MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5510MHz – 5490MHz = 20MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.61MHz x 100% = 17.613MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/07		
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz)		

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

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 36.080MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5530MHz - 5490MHz = 40MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 36.08MHz x 100% = 36.080MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/07		
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz)		

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

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 75.322MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5570MHz - 5490MHz = 80MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.322MHz x 100% = 75.322MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/07		
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz)-Mesh Mode		

Radar Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	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 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509 FH	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 5510MHz. The 99% channel bandwidth is 17.613MHz. (See the 99% BW section of the RF report for further measurement details).

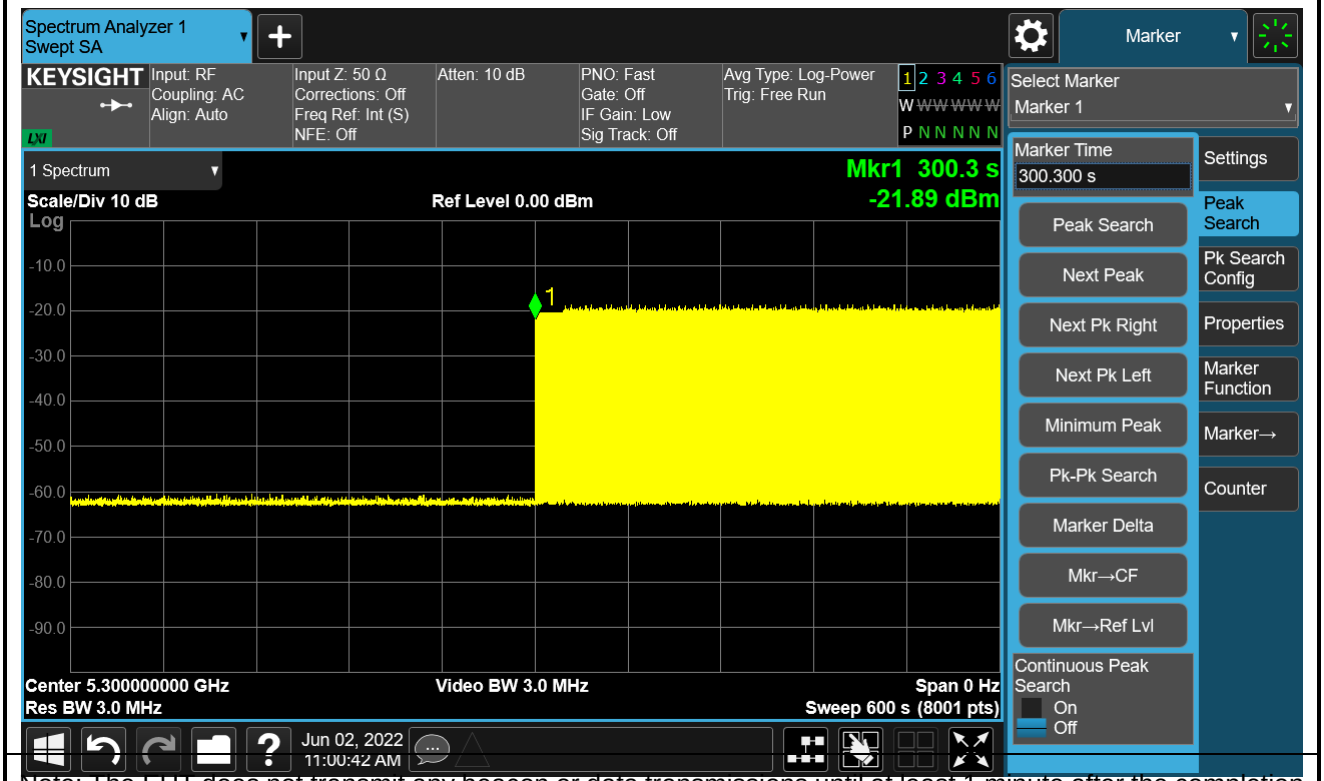
Note 2: Detection Bandwidth = FH - FL = 5509MHz - 5491MHz = 18MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.61MHz x 100% = 17.613MHz.

A.4 Initial Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/02		
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5300MHz)		

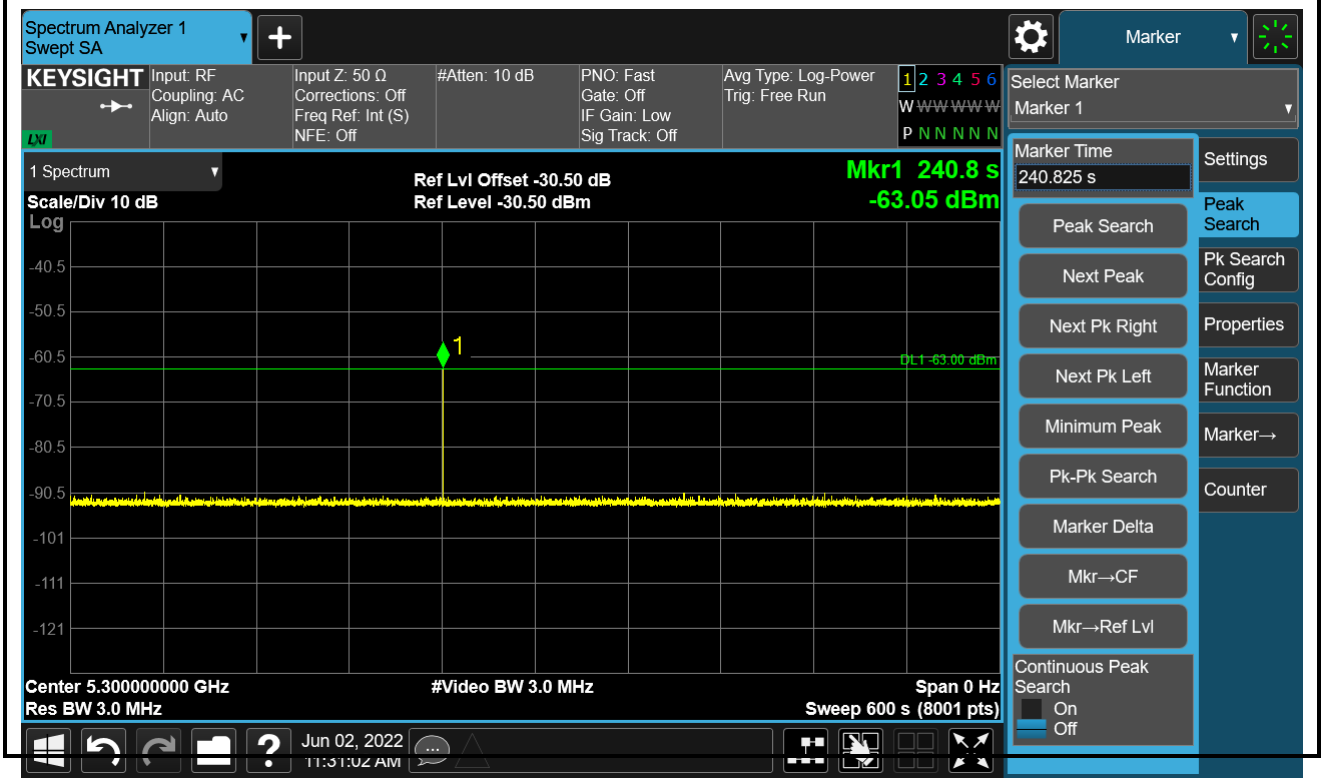
Initial Channel Availability Check Time



Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (240.3 sec). Initial beacons/data transmissions are indicated by marker 1 (300.3 sec).

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

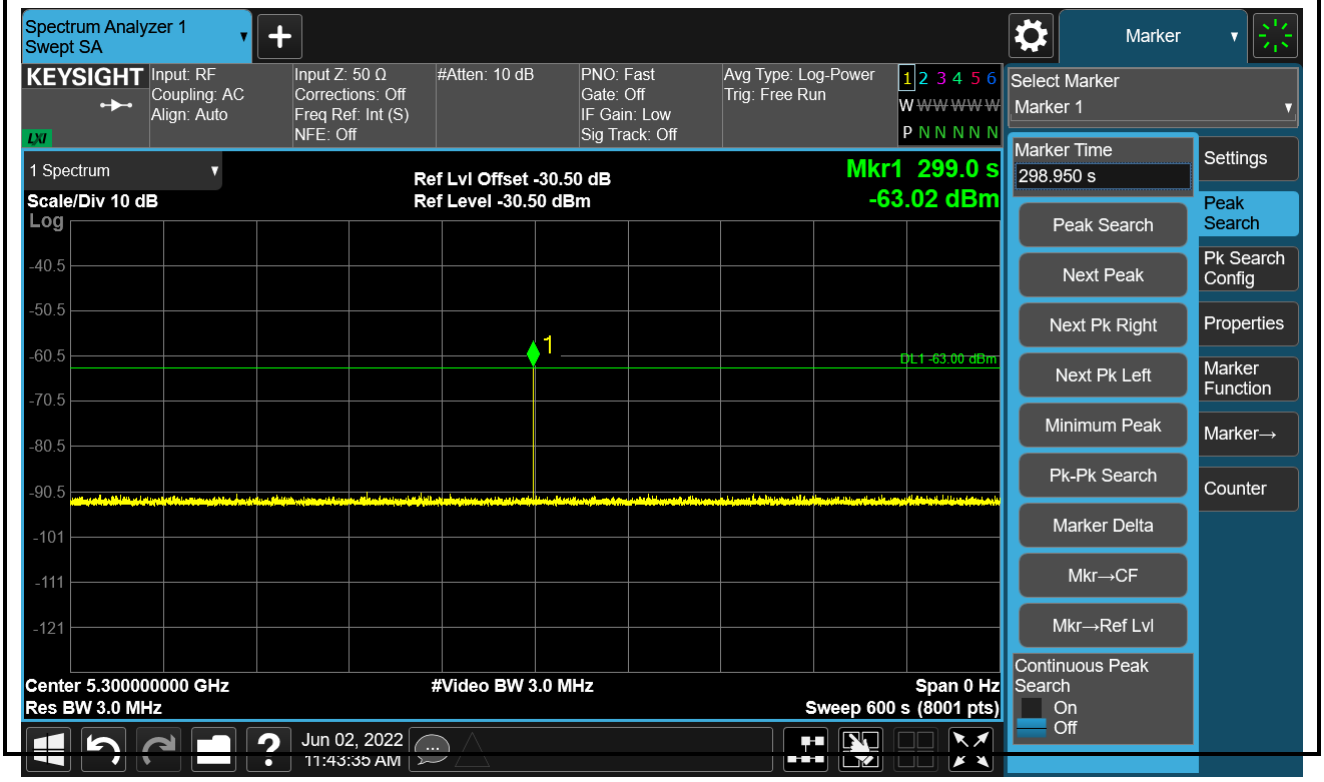
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/02		
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20 mode - 5300MHz)		

Beginning of the Channel Availability Check Time


A.6 Radar Burst at the End of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/02		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5300MHz)		

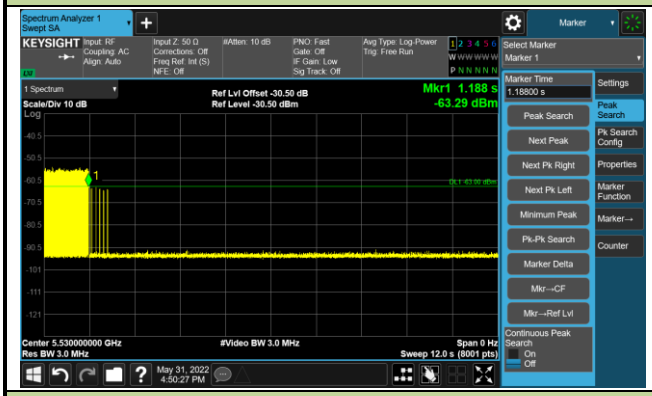
End of the Channel Availability Check Time

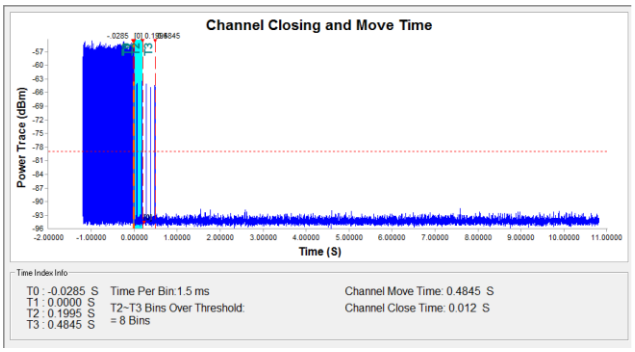


A.7 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

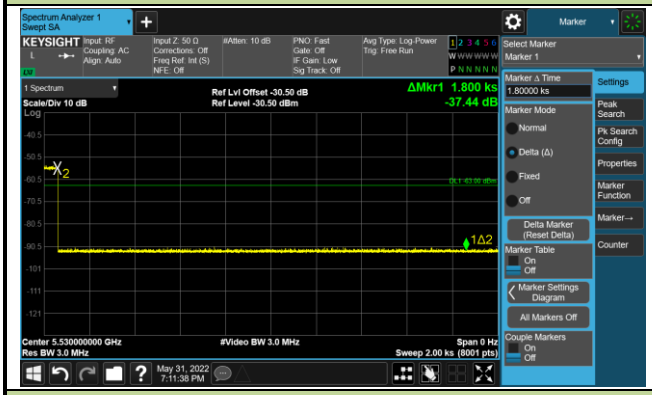
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/05/31		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80 mode - 5530MHz)		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	0.4845s	<10s
Channel Closing Transmission Time (ms) (Note)	12ms	< 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.8 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/02		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5505	1	5492	1	5493	0	5492	1
1	5507	1	5501	1	5506	1	5499	0
2	5500	1	5492	1	5508	1	5494	1
3	5495	1	5503	1	5497	1	5492	1
4	5505	1	5501	1	5505	0	5502	1
5	5503	1	5499	1	5499	1	5499	0
6	5504	1	5506	1	5506	1	5507	1
7	5498	1	5490	1	5499	1	5494	1
8	5501	1	5498	0	5497	1	5493	1
9	5498	0	5508	1	5507	1	5492	1
10	5501	1	5502	1	5506	1	5507	1
11	5507	1	5497	1	5501	1	5505	0
12	5495	1	5506	1	5496	1	5503	1
13	5506	1	5505	1	5510	1	5500	1
14	5510	1	5508	1	5492	1	5503	0
15	5502	1	5505	1	5499	1	5495	1
16	5506	1	5510	1	5502	1	5503	1
17	5501	1	5500	1	5490	1	5508	1
18	5504	1	5506	1	5504	1	5499	1
19	5496	1	5496	1	5492	1	5502	1
20	5500	1	5503	1	5498	1	5504	1
21	5496	1	5497	0	5496	1	5510	1
22	5502	1	5500	1	5495	0	5499	0
23	5490	1	5492	1	5499	1	5497	1
24	5492	1	5505	1	5506	1	5495	1
25	5504	1	5507	1	5497	1	5501	1
26	5501	1	5497	1	5500	1	5493	0
27	5508	0	5506	1	5508	1	5507	0

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
28	5500	1	5498	1	5499	1	5497	1
29	5499	1	5497	1	5502	1	5504	1
Probability:	93.3%		93.3%		90.0%		76.7%	
Aggregate:	**(93.3% + 93.3% + 90.0% + 76.7%) / 4 = 88.3% (>80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	3066.0	18	55188.0
Download	1	Type 1	1.0	818.0	65	53170.0
Download	2	Type 1	1.0	538.0	99	53262.0
Download	3	Type 1	1.0	898.0	59	52982.0
Download	4	Type 1	1.0	618.0	86	53148.0
Download	5	Type 1	1.0	838.0	63	52794.0
Download	6	Type 1	1.0	678.0	78	52884.0
Download	7	Type 1	1.0	878.0	61	53558.0
Download	8	Type 1	1.0	858.0	62	53196.0
Download	9	Type 1	1.0	718.0	74	53132.0
Download	10	Type 1	1.0	558.0	95	53010.0
Download	11	Type 1	1.0	518.0	102	52836.0
Download	12	Type 1	1.0	738.0	72	53136.0
Download	13	Type 1	1.0	758.0	70	53060.0
Download	14	Type 1	1.0	598.0	89	53222.0
Download	15	Type 1	1.0	1776.0	30	53280.0
Download	16	Type 1	1.0	2595.0	21	54495.0
Download	17	Type 1	1.0	2687.0	20	53740.0
Download	18	Type 1	1.0	642.0	83	53286.0
Download	19	Type 1	1.0	822.0	65	53430.0
Download	20	Type 1	1.0	1773.0	30	53190.0
Download	21	Type 1	1.0	2173.0	25	54325.0
Download	22	Type 1	1.0	2097.0	26	54522.0
Download	23	Type 1	1.0	2945.0	18	53010.0
Download	24	Type 1	1.0	2032.0	26	52832.0
Download	25	Type 1	1.0	1598.0	34	54332.0
Download	26	Type 1	1.0	2219.0	24	53256.0
Download	27	Type 1	1.0	2632.0	21	55272.0
Download	28	Type 1	1.0	547.0	97	53059.0
Download	29	Type 1	1.0	2185.0	25	54625.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.8	204.0	27	5508.0
Download	1	Type 2	1.2	230.0	23	5290.0
Download	2	Type 2	1.0	193.0	23	4439.0
Download	3	Type 2	4.5	168.0	29	4872.0
Download	4	Type 2	2.5	194.0	25	4850.0
Download	5	Type 2	2.7	202.0	26	5252.0
Download	6	Type 2	1.3	153.0	23	3519.0
Download	7	Type 2	1.0	163.0	23	3749.0
Download	8	Type 2	1.0	175.0	23	4025.0
Download	9	Type 2	1.3	164.0	23	3772.0
Download	10	Type 2	4.7	180.0	29	5220.0
Download	11	Type 2	3.6	197.0	27	5319.0
Download	12	Type 2	5.0	167.0	29	4843.0
Download	13	Type 2	2.7	171.0	26	4446.0
Download	14	Type 2	2.1	178.0	24	4272.0
Download	15	Type 2	1.2	187.0	23	4301.0
Download	16	Type 2	1.8	179.0	24	4296.0
Download	17	Type 2	2.6	170.0	25	4250.0
Download	18	Type 2	3.2	151.0	26	3926.0
Download	19	Type 2	4.5	209.0	29	6061.0
Download	20	Type 2	3.7	224.0	27	6048.0
Download	21	Type 2	4.9	161.0	29	4669.0
Download	22	Type 2	1.9	185.0	24	4440.0
Download	23	Type 2	3.1	218.0	26	5668.0
Download	24	Type 2	2.2	190.0	25	4750.0
Download	25	Type 2	2.0	201.0	24	4824.0
Download	26	Type 2	4.4	222.0	28	6216.0
Download	27	Type 2	3.0	191.0	26	4966.0
Download	28	Type 2	4.7	157.0	29	4553.0
Download	29	Type 2	2.9	174.0	26	4524.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.8	213.0	18	3834.0
Download	1	Type 3	6.2	205.0	16	3280.0
Download	2	Type 3	6.0	305.0	16	4880.0
Download	3	Type 3	9.5	446.0	18	8028.0
Download	4	Type 3	7.5	436.0	17	7412.0
Download	5	Type 3	7.7	381.0	17	6477.0
Download	6	Type 3	6.3	459.0	16	7344.0
Download	7	Type 3	6.0	369.0	16	5904.0
Download	8	Type 3	6.0	209.0	16	3344.0
Download	9	Type 3	6.3	254.0	16	4064.0
Download	10	Type 3	9.7	466.0	18	8388.0
Download	11	Type 3	8.6	253.0	17	4301.0
Download	12	Type 3	10.0	219.0	18	3942.0
Download	13	Type 3	7.7	266.0	17	4522.0
Download	14	Type 3	7.1	375.0	16	6000.0
Download	15	Type 3	6.2	271.0	16	4336.0
Download	16	Type 3	6.8	458.0	16	7328.0
Download	17	Type 3	7.6	368.0	17	6256.0
Download	18	Type 3	8.2	339.0	17	5763.0
Download	19	Type 3	9.5	435.0	18	7830.0
Download	20	Type 3	8.7	376.0	18	6768.0
Download	21	Type 3	9.9	405.0	18	7290.0
Download	22	Type 3	6.9	499.0	16	7984.0
Download	23	Type 3	8.1	492.0	17	8364.0
Download	24	Type 3	7.2	222.0	16	3552.0
Download	25	Type 3	7.0	285.0	16	4560.0
Download	26	Type 3	9.4	244.0	18	4392.0
Download	27	Type 3	8.0	268.0	17	4556.0
Download	28	Type 3	9.7	409.0	18	7362.0
Download	29	Type 3	7.9	203.0	17	3451.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	17.4	213.0	15	3195.0
Download	1	Type 4	11.5	205.0	12	2460.0
Download	2	Type 4	11.0	305.0	12	3660.0
Download	3	Type 4	18.9	446.0	16	7136.0
Download	4	Type 4	14.5	436.0	13	5668.0
Download	5	Type 4	14.9	381.0	14	5334.0
Download	6	Type 4	11.7	459.0	12	5508.0
Download	7	Type 4	11.1	369.0	12	4428.0
Download	8	Type 4	11.1	209.0	12	2508.0
Download	9	Type 4	11.8	254.0	12	3048.0
Download	10	Type 4	19.2	466.0	16	7456.0
Download	11	Type 4	16.9	253.0	15	3795.0
Download	12	Type 4	20.0	219.0	16	3504.0
Download	13	Type 4	14.9	266.0	14	3724.0
Download	14	Type 4	13.5	375.0	13	4875.0
Download	15	Type 4	11.5	271.0	12	3252.0
Download	16	Type 4	12.9	458.0	13	5954.0
Download	17	Type 4	14.6	368.0	14	5152.0
Download	18	Type 4	15.9	339.0	14	4746.0
Download	19	Type 4	18.8	435.0	16	6960.0
Download	20	Type 4	17.0	376.0	15	5640.0
Download	21	Type 4	19.6	405.0	16	6480.0
Download	22	Type 4	13.2	499.0	13	6487.0
Download	23	Type 4	15.8	492.0	14	6888.0
Download	24	Type 4	13.7	222.0	13	2886.0
Download	25	Type 4	13.3	285.0	13	3705.0
Download	26	Type 4	18.5	244.0	16	3904.0
Download	27	Type 4	15.5	268.0	14	3752.0
Download	28	Type 4	19.2	409.0	16	6544.0
Download	29	Type 4	15.3	203.0	14	2842.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5500	0	15	5492	1
1	5500	1	16	5493.2	1
2	5500	1	17	5494.4	1
3	5500	1	18	5495.2	1
4	5500	1	19	5497.2	0
5	5500	1	20	5504	1
6	5500	1	21	5502	1
7	5500	1	22	5506.8	1
8	5500	1	23	5504.8	1
9	5500	1	24	5506.4	1
10	5497.6	0	25	5506.4	1
11	5496	1	26	5502.8	1
12	5498	0	27	5504.8	1
13	5494.8	1	28	5502.4	1
14	5493.6	1	29	5505.2	1
Detection Percentage (%)			**86.7%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
665027.0	85.3	16	3	1429.0	1941.0	1703.0
134783.0	53.1	16	1	1954.0	-	-
305572.0	50.2	16	1	1806.0	-	-
474751.0	93.6	16	3	1425.0	1031.0	1687.0
646527.0	69.4	16	2	1187.0	1235.0	-
113594.0	71.6	16	2	1272.0	1670.0	-
284587.0	54.2	16	1	1684.0	-	-
455293.0	50.7	16	1	1815.0	-	-
625974.0	50.6	16	1	1902.0	-	-
92810.0	54.7	16	1	1297.0	-	-
262348.0	95.4	16	3	1658.0	1451.0	1785.0
433270.0	82.9	16	2	1965.0	1454.0	-
602917.0	99.8	16	3	1206.0	1413.0	1641.0
71563.0	71.9	16	2	1440.0	1807.0	-
242517.0	64.0	16	1	1671.0	-	-
413547.0	52.9	16	1	1268.0	-	-
584315.0	60.7	16	1	1416.0	-	-

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)
107770.0	70.3	6	2	1183.0	1480.0	-
470738.0	77.0	6	2	1656.0	1589.0	-
833022.0	93.0	6	3	1309.0	1843.0	1397.0
1195834.0	83.5	6	3	1897.0	1442.0	1063.0
62932.0	97.8	6	3	1760.0	1686.0	1733.0
426481.0	62.1	6	1	1637.0	-	-
789614.0	76.7	6	2	1127.0	1017.0	-
1153505.0	65.0	6	1	1347.0	-	-

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)
18325.0	62.7	5	1	1094.0	-	-
380919.0	91.8	5	3	1406.0	1842.0	1528.0
744505.0	75.2	5	2	1492.0	1380.0	-
1106527.0	95.4	5	3	1754.0	1100.0	1476.0
1470486.0	73.7	5	2	1781.0	1315.0	-
336984.0	55.3	5	1	1514.0	-	-
699241.0	90.0	5	3	2000.0	1007.0	1016.0
1063836.0	52.5	5	1	1524.0	-	-

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)
600367.0	63.6	18	1	1257.0	-	-
122441.0	87.7	18	3	1008.0	1618.0	1081.0
275740.0	55.3	18	1	1375.0	-	-
426537.0	98.6	18	3	1225.0	1505.0	1655.0
579216.0	84.0	18	3	1469.0	1025.0	1279.0
103497.0	85.2	18	3	1723.0	1571.0	1539.0
255991.0	71.6	18	2	1877.0	1758.0	-
408512.0	82.4	18	2	1713.0	1577.0	-
562165.0	54.8	18	1	1864.0	-	-
84788.0	83.4	18	3	1576.0	1910.0	1241.0
237712.0	75.0	18	2	1276.0	1088.0	-
390028.0	81.8	18	2	1462.0	1367.0	-
543346.0	51.0	18	1	1871.0	-	-
66189.0	72.0	18	2	1582.0	1930.0	-
219018.0	66.9	18	2	1064.0	1004.0	-
372105.0	64.4	18	1	1372.0	-	-
524926.0	52.6	18	1	1401.0	-	-
47323.0	86.5	18	3	1856.0	1122.0	1903.0
199750.0	84.0	18	3	1059.0	1104.0	1355.0

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)
514784.0	85.6	11	3	1475.0	1379.0	1907.0
737734.0	97.5	11	3	1242.0	1693.0	1541.0
41954.0	83.9	11	3	1432.0	1154.0	1201.0
264643.0	87.6	11	3	1602.0	1769.0	1342.0
486815.0	91.0	11	3	1995.0	1915.0	1860.0
711266.0	73.5	11	2	1889.0	1326.0	-
14505.0	78.6	11	2	1274.0	1611.0	-
238118.0	56.7	11	1	1191.0	-	-
461138.0	79.9	11	2	1167.0	1155.0	-
683800.0	79.0	11	2	1488.0	1708.0	-
908115.0	55.3	11	1	1963.0	-	-
210109.0	76.9	11	2	1389.0	1851.0	-
432637.0	99.5	11	3	1390.0	1174.0	1868.0

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)
657827.0	55.3	11	1	1083.0	-	-
879278.0	80.3	11	2	1715.0	1629.0	-
182431.0	86.2	11	3	1142.0	1525.0	1574.0
405281.0	84.2	11	3	1261.0	1858.0	1114.0
630126.0	58.6	11	1	1312.0	-	-
853493.0	54.4	11	1	1517.0	-	-
155184.0	76.7	11	2	1267.0	1773.0	-
377716.0	85.1	11	3	1529.0	1866.0	1118.0
602325.0	55.4	11	1	1716.0	-	-
826132.0	60.6	11	1	1328.0	-	-
127805.0	78.7	11	2	1217.0	1053.0	-
351241.0	64.3	11	1	1979.0	-	-
573368.0	87.1	11	3	1193.0	1065.0	1753.0

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)
1151874.0	94.9	6	3	1421.0	1145.0	1260.0
145073.0	64.0	6	1	1437.0	-	-
466978.0	90.8	6	3	1369.0	1305.0	1955.0
790436.0	74.8	6	2	1095.0	1506.0	-
1114048.0	60.8	6	1	1564.0	-	-
105027.0	92.7	6	3	1294.0	1444.0	1949.0
427583.0	87.3	6	3	1275.0	1331.0	1093.0
750753.0	71.4	6	2	1255.0	1218.0	-
1074270.0	54.4	6	1	1554.0	-	-

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)
73666.0	55.0	5	1	1927.0	-	-
436662.0	79.8	5	2	1472.0	1597.0	-
800716.0	50.1	5	1	1196.0	-	-
1164158.0	64.3	5	1	1280.0	-	-
28884.0	75.0	5	2	1479.0	1893.0	-
392225.0	55.4	5	1	1989.0	-	-
754822.0	78.5	5	2	1482.0	1932.0	-
1117158.0	91.7	5	3	1404.0	1477.0	1381.0

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)
1482386.0	53.4	5	1	1771.0	-	-
346731.0	99.5	5	3	1867.0	1556.0	1766.0
710877.0	56.4	5	1	1802.0	-	-
1072899.0	75.5	5	2	1879.0	1788.0	-
1436887.0	76.4	5	2	1499.0	1043.0	-
302478.0	70.7	5	2	1675.0	1518.0	-
665014.0	85.9	5	3	1125.0	1399.0	1765.0
1028219.0	82.8	5	2	1800.0	1835.0	-

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)
1238307.0	55.7	6	1	1358.0	-	-
228884.0	98.3	6	3	1774.0	1310.0	1133.0
552431.0	59.8	6	1	1338.0	-	-
874036.0	98.9	6	3	1030.0	1307.0	1200.0
1197252.0	80.2	6	2	1072.0	1689.0	-
189007.0	86.9	6	3	1598.0	1929.0	1892.0
512396.0	55.1	6	1	1967.0	-	-
834748.0	73.2	6	2	1486.0	1353.0	-
1158427.0	53.9	6	1	1698.0	-	-

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)
70797.0	78.6	19	2	1041.0	1009.0	-
223549.0	64.6	19	1	1848.0	-	-
376300.0	66.0	19	1	1811.0	-	-
529656.0	55.0	19	1	1077.0	-	-
51917.0	68.1	19	2	1565.0	1364.0	-
204938.0	62.7	19	1	1226.0	-	-
355720.0	89.6	19	3	1420.0	1859.0	1644.0
509851.0	78.1	19	2	1023.0	1250.0	-
33209.0	50.9	19	1	1557.0	-	-
185552.0	75.3	19	2	1676.0	1428.0	-
338836.0	56.3	19	1	1508.0	-	-
488971.0	84.0	19	3	1679.0	1812.0	1447.0
14306.0	94.4	19	3	1881.0	1363.0	1894.0
166622.0	79.4	19	2	1767.0	1920.0	-
319416.0	71.2	19	2	1640.0	1042.0	-
472683.0	56.5	19	1	1697.0	-	-
625985.0	63.7	19	1	1157.0	-	-
148409.0	57.1	19	1	1377.0	-	-
300331.0	79.2	19	2	1467.0	1838.0	-

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)
539625.0	57.9	15	1	1099.0	-	-
721223.0	61.6	15	1	1135.0	-	-
153700.0	68.5	15	2	1178.0	1323.0	-
334464.0	93.3	15	3	1248.0	1195.0	1236.0
516770.0	54.8	15	1	1798.0	-	-
695909.0	92.1	15	3	1615.0	1503.0	1169.0
131572.0	55.1	15	1	1348.0	-	-
311863.0	94.4	15	3	1961.0	1112.0	1335.0
494003.0	77.5	15	2	1202.0	1223.0	-
674222.0	72.5	15	2	1852.0	1782.0	-
108874.0	74.3	15	2	1817.0	1808.0	-
290153.0	68.2	15	2	1653.0	1304.0	-
471197.0	74.6	15	2	1558.0	1617.0	-
652524.0	76.9	15	2	1269.0	1678.0	-
86808.0	60.4	15	1	1633.0	-	-
267035.0	96.4	15	3	1971.0	1681.0	1538.0

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)
357604.0	90.9	20	3	1794.0	1820.0	1430.0
505144.0	62.5	20	1	1198.0	-	-
51297.0	86.7	20	3	1295.0	1239.0	1829.0
195633.0	85.4	20	3	1501.0	1651.0	1593.0
339713.0	86.8	20	3	1974.0	1398.0	1876.0
485470.0	66.8	20	2	1799.0	1592.0	-
33477.0	97.5	20	3	1692.0	1436.0	1704.0
178267.0	75.5	20	2	1783.0	1567.0	-
321910.0	95.5	20	3	1883.0	1846.0	1584.0
468277.0	79.5	20	2	1497.0	1090.0	-
15702.0	98.8	20	3	1022.0	1631.0	1987.0
160995.0	61.3	20	1	1293.0	-	-
305099.0	68.8	20	2	1590.0	1857.0	-
448803.0	88.6	20	3	1873.0	1170.0	1702.0
593802.0	92.3	20	3	1228.0	1826.0	1058.0
142941.0	66.4	20	1	1996.0	-	-
287325.0	79.7	20	2	1994.0	1354.0	-
431693.0	76.0	20	2	1976.0	1840.0	-
578783.0	65.3	20	1	1233.0	-	-
124524.0	92.4	20	3	1737.0	1161.0	1738.0

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)
416060.0	60.1	12	1	1952.0	-	-
639007.0	71.3	12	2	1052.0	1555.0	-
863659.0	61.1	12	1	1103.0	-	-
165181.0	62.9	12	1	1726.0	-	-
388545.0	62.9	12	1	1945.0	-	-
611190.0	68.3	12	2	1821.0	1266.0	-
835607.0	62.1	12	1	1664.0	-	-
137715.0	55.6	12	1	1334.0	-	-
360850.0	76.7	12	2	1339.0	1057.0	-
585005.0	57.0	12	1	1039.0	-	-
806449.0	81.8	12	2	1924.0	1600.0	-
110183.0	57.1	12	1	1301.0	-	-
332862.0	84.0	12	3	1044.0	1005.0	1682.0

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)
657759.0	83.1	9	2	1259.0	1719.0	-
922329.0	80.4	9	2	1003.0	1134.0	-
97431.0	94.1	9	3	1694.0	1504.0	1019.0
361271.0	77.1	9	2	1424.0	1942.0	-
625158.0	71.8	9	2	1969.0	1182.0	-
887596.0	92.5	9	3	1824.0	1197.0	1816.0
64887.0	91.1	9	3	1905.0	1904.0	1745.0
329455.0	64.1	9	1	1137.0	-	-
591921.0	93.0	9	3	1950.0	1423.0	1138.0
855570.0	97.9	9	3	1102.0	1581.0	1621.0
32537.0	75.3	9	2	1163.0	1925.0	-

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)
407697.0	93.3	5	3	1123.0	1149.0	1270.0
769818.0	93.9	5	3	1673.0	1834.0	1622.0
1134324.0	75.5	5	2	1513.0	1038.0	-
53.0	88.9	5	3	1742.0	1111.0	1947.0
363139.0	80.2	5	2	1610.0	1321.0	-
727103.0	57.9	5	1	1124.0	-	-
1088412.0	88.5	5	3	1393.0	1101.0	1674.0
1451635.0	98.7	5	3	1032.0	1540.0	1146.0

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)
254908.0	61.6	8	1	1520.0	-	-
544926.0	68.1	8	2	1388.0	1563.0	-
834121.0	86.2	8	3	1325.0	1914.0	1327.0
1125208.0	69.6	8	2	1939.0	1396.0	-
219186.0	51.4	8	1	1071.0	-	-
509093.0	73.7	8	2	1634.0	1485.0	-
799657.0	72.4	8	2	1650.0	1046.0	-
1089705.0	68.4	8	2	1535.0	1530.0	-
183375.0	54.7	8	1	1034.0	-	-
472722.0	91.9	8	3	1710.0	1481.0	1483.0

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)
586303.0	98.9	11	3	1491.0	1534.0	1091.0
807956.0	88.4	11	3	1594.0	1985.0	1928.0
113107.0	97.8	11	3	1652.0	1179.0	1199.0
335803.0	91.7	11	3	1316.0	1536.0	1730.0
559502.0	77.4	11	2	1322.0	1722.0	-
781287.0	85.8	11	3	1286.0	1412.0	1935.0
85918.0	58.2	11	1	1160.0	-	-
308317.0	98.3	11	3	1747.0	1040.0	1933.0
531304.0	89.3	11	3	1082.0	1844.0	1350.0
756430.0	57.9	11	1	1489.0	-	-
58204.0	83.5	11	3	1345.0	1510.0	1033.0
281399.0	74.3	11	2	1559.0	1471.0	-
504768.0	78.2	11	2	1366.0	1247.0	-

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)
629789.0	67.2	13	2	1740.0	1982.0	-
26675.0	73.4	13	2	1014.0	1458.0	-
219611.0	85.8	13	3	1411.0	1074.0	1761.0
413462.0	69.6	13	2	1568.0	1029.0	-
607109.0	69.1	13	2	1219.0	1047.0	-
2841.0	92.9	13	3	1544.0	1926.0	1291.0
196276.0	73.3	13	2	1212.0	1253.0	-
389176.0	75.4	13	2	1855.0	1691.0	-
582602.0	68.8	13	2	1784.0	1405.0	-
775882.0	68.6	13	2	1789.0	1371.0	-
172280.0	83.1	13	2	1302.0	1953.0	-
364411.0	95.5	13	3	1913.0	1999.0	1751.0
559828.0	65.8	13	1	1720.0	-	-
750302.0	97.0	13	3	1690.0	1374.0	1977.0
148795.0	60.8	13	1	1552.0	-	-

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)
269169.0	92.7	18	3	1056.0	1121.0	1804.0
423032.0	53.4	18	1	1522.0	-	-
572784.0	99.5	18	3	1998.0	1709.0	1159.0
98447.0	74.1	18	2	1021.0	1427.0	-
249866.0	86.3	18	3	1993.0	1992.0	1384.0
402947.0	72.3	18	2	1943.0	1547.0	-
555008.0	94.2	18	3	1418.0	1317.0	1060.0
79827.0	59.5	18	1	1068.0	-	-
231984.0	77.6	18	2	1465.0	1666.0	-
385381.0	51.6	18	1	1532.0	-	-
537990.0	66.4	18	1	1762.0	-	-
60647.0	89.8	18	3	1168.0	1706.0	1752.0
213291.0	80.6	18	2	1361.0	1531.0	-
365680.0	82.0	18	2	1526.0	1515.0	-
518485.0	68.6	18	2	1484.0	1115.0	-
42024.0	80.6	18	2	1672.0	1357.0	-
194908.0	65.1	18	1	1603.0	-	-
345537.0	87.3	18	3	1966.0	1803.0	1748.0
498352.0	89.9	18	3	1126.0	1878.0	1285.0

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)
27632.0	69.0	15	2	1075.0	1797.0	-
208453.0	96.2	15	3	1623.0	1245.0	1365.0
390753.0	65.6	15	1	1498.0	-	-
572207.0	54.0	15	1	1604.0	-	-
5321.0	53.2	15	1	1490.0	-	-
186514.0	75.6	15	2	1036.0	1836.0	-
367876.0	81.5	15	2	1324.0	1222.0	-
549616.0	66.4	15	1	1921.0	-	-
730469.0	80.0	15	2	1278.0	1237.0	-
164005.0	69.7	15	2	1741.0	1988.0	-
345988.0	64.6	15	1	1591.0	-	-
525872.0	96.2	15	3	1470.0	1120.0	1311.0
709245.0	61.5	15	1	1346.0	-	-
141525.0	88.9	15	3	1439.0	1683.0	1588.0
322329.0	97.5	15	3	1665.0	1213.0	1721.0
504982.0	55.6	15	1	1828.0	-	-

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)
546524.0	85.9	20	3	1527.0	1087.0	1711.0
95782.0	58.4	20	1	1431.0	-	-
241063.0	59.4	20	1	1158.0	-	-
384838.0	88.0	20	3	1096.0	1116.0	1215.0
531014.0	55.8	20	1	1750.0	-	-
77715.0	73.0	20	2	1076.0	1775.0	-
223002.0	63.8	20	1	1619.0	-	-
368106.0	58.2	20	1	1654.0	-	-
512736.0	68.0	20	2	1012.0	1211.0	-
59963.0	52.6	20	1	1983.0	-	-
205149.0	53.0	20	1	1549.0	-	-
348506.0	92.7	20	3	1960.0	1410.0	1231.0
493228.0	93.5	20	3	1129.0	1936.0	1151.0
42153.0	50.2	20	1	1189.0	-	-
186415.0	88.0	20	3	1097.0	1770.0	1419.0
331520.0	68.0	20	2	1613.0	1546.0	-
477848.0	58.1	20	1	1185.0	-	-
24205.0	75.9	20	2	1020.0	1635.0	-
168910.0	77.9	20	2	1385.0	1869.0	-
314359.0	64.6	20	1	1885.0	-	-

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)
835478.0	77.0	8	2	1542.0	1668.0	-
11565.0	99.4	8	3	1460.0	1991.0	1086.0
274988.0	96.2	8	3	1299.0	1919.0	1543.0
538388.0	98.5	8	3	1778.0	1234.0	1801.0
804421.0	54.8	8	1	1263.0	-	-
1068451.0	55.9	8	1	1512.0	-	-
243374.0	64.1	8	1	1026.0	-	-
506339.0	89.8	8	3	1153.0	1455.0	1351.0
771540.0	62.9	8	1	1727.0	-	-
1035778.0	55.4	8	1	1646.0	-	-
210646.0	54.8	8	1	1900.0	-	-

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)
372882.0	50.9	13	1	1830.0	-	-
579493.0	83.2	13	2	1772.0	1281.0	-
786778.0	76.4	13	2	1443.0	1457.0	-
139673.0	82.7	13	2	1948.0	1208.0	-
346825.0	72.1	13	2	1825.0	1249.0	-
555102.0	55.6	13	1	1320.0	-	-
760328.0	99.4	13	3	1164.0	1333.0	1446.0
113946.0	84.1	13	3	1677.0	1823.0	1264.0
320679.0	96.0	13	3	1595.0	1776.0	1383.0
528575.0	82.3	13	2	1415.0	1456.0	-
737081.0	57.4	13	1	1340.0	-	-
88545.0	86.0	13	3	1035.0	1162.0	1957.0
296256.0	50.5	13	1	1746.0	-	-
502989.0	72.5	13	2	1972.0	1010.0	-

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)
902672.0	88.8	9	3	1599.0	1956.0	1630.0
80401.0	73.0	9	2	1768.0	1636.0	-
344405.0	79.8	9	2	1407.0	1207.0	-
608092.0	81.8	9	2	1172.0	1906.0	-
871106.0	96.7	9	3	1695.0	1037.0	1368.0
47832.0	88.0	9	3	1533.0	1853.0	1833.0
311255.0	85.6	9	3	1578.0	1373.0	1890.0
576519.0	60.9	9	1	1329.0	-	-
839137.0	82.9	9	2	1847.0	1607.0	-
15436.0	78.6	9	2	1392.0	1143.0	-
278710.0	86.6	9	3	1832.0	1663.0	1732.0

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)
543691.0	62.3	9	1	1884.0	-	-
807777.0	60.9	9	1	1934.0	-	-
1071299.0	83.1	9	2	1131.0	1402.0	-
246428.0	100.0	9	3	1300.0	1262.0	1997.0
511111.0	58.8	9	1	1984.0	-	-
775055.0	74.1	9	2	1109.0	1092.0	-
1036656.0	95.3	9	3	1251.0	1896.0	1616.0
214493.0	62.5	9	1	1923.0	-	-
477557.0	97.9	9	3	1054.0	1314.0	1944.0
743184.0	52.1	9	1	1243.0	-	-
1007091.0	59.5	9	1	1645.0	-	-

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)
111022.0	67.1	18	2	1150.0	1080.0	-
272098.0	67.5	18	2	1227.0	1175.0	-
434024.0	65.9	18	1	1144.0	-	-
595140.0	62.3	18	1	1473.0	-	-
91216.0	58.8	18	1	1909.0	-	-
251418.0	91.9	18	3	1922.0	1119.0	1562.0
412514.0	82.0	18	2	1809.0	1951.0	-
574198.0	82.4	18	2	1067.0	1642.0	-
71252.0	69.6	18	2	1875.0	1015.0	-
232636.0	63.3	18	1	1755.0	-	-
392021.0	95.6	18	3	1184.0	1959.0	1780.0
554338.0	76.0	18	2	1313.0	1426.0	-
51547.0	66.0	18	1	1271.0	-	-
212357.0	82.9	18	2	1292.0	1759.0	-
372590.0	84.3	18	3	1258.0	1450.0	1614.0
535238.0	58.0	18	1	1827.0	-	-
31658.0	66.3	18	1	1509.0	-	-
192328.0	67.5	18	2	1975.0	1779.0	-

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)
455176.0	69.3	13	2	1000.0	1605.0	-
660867.0	90.0	13	3	1648.0	1601.0	1370.0
15167.0	50.3	13	1	1229.0	-	-
222019.0	97.8	13	3	1176.0	1822.0	1050.0
428661.0	96.2	13	3	1298.0	1580.0	1688.0
637560.0	59.8	13	1	1718.0	-	-
841886.0	94.7	13	3	1382.0	1662.0	1854.0
197091.0	66.2	13	1	1627.0	-	-
403078.0	84.1	13	3	1624.0	1606.0	1575.0
609452.0	87.1	13	3	1861.0	1793.0	1632.0
819347.0	58.2	13	1	1849.0	-	-
171525.0	62.1	13	1	1669.0	-	-
378189.0	73.5	13	2	1551.0	1958.0	-
586752.0	52.7	13	1	1277.0	-	-

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)
583497.0	70.3	19	2	1814.0	1062.0	-
107375.0	79.3	19	2	1006.0	1283.0	-
260403.0	55.8	19	1	1308.0	-	-
413108.0	62.2	19	1	1545.0	-	-
565526.0	65.8	19	1	1973.0	-	-
88353.0	84.3	19	3	1209.0	1519.0	1141.0
240721.0	79.2	19	2	1964.0	1570.0	-
392574.0	93.8	19	3	1548.0	1628.0	1105.0
546302.0	79.0	19	2	1205.0	1246.0	-
69823.0	50.4	19	1	1862.0	-	-
222714.0	58.9	19	1	1395.0	-	-
374996.0	73.2	19	2	1224.0	1107.0	-
526963.0	66.7	19	2	1912.0	1188.0	-
50813.0	85.0	19	3	1434.0	1757.0	1113.0
203468.0	67.0	19	2	1487.0	1204.0	-
355661.0	67.0	19	2	1474.0	1805.0	-
508355.0	74.6	19	2	1448.0	1445.0	-
32218.0	66.0	19	1	1468.0	-	-
184468.0	78.9	19	2	1585.0	1831.0	-

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)
457302.0	95.1	12	3	1743.0	1330.0	1203.0
664920.0	78.5	12	2	1937.0	1349.0	-
18196.0	62.1	12	1	1132.0	-	-
225652.0	59.2	12	1	1712.0	-	-
432863.0	69.3	12	2	1002.0	1220.0	-
639238.0	71.4	12	2	1705.0	1813.0	-
848668.0	56.1	12	1	1098.0	-	-
199724.0	67.6	12	2	1841.0	1464.0	-
405975.0	92.7	12	3	1560.0	1626.0	1865.0
614918.0	57.8	12	1	1874.0	-	-
820819.0	94.9	12	3	1306.0	1048.0	1110.0
174280.0	74.1	12	2	1537.0	1459.0	-
381987.0	57.4	12	1	1764.0	-	-
588105.0	89.9	12	3	1284.0	1422.0	1001.0

Radar Type 6 - Radar Statistical Performance			
Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
0	1	15	1
1	1	16	1
2	1	17	1
3	1	18	1
4	1	19	1
5	1	20	1
6	1	21	1
7	1	22	1
8	1	23	1
9	1	24	1
10	1	25	1
11	1	26	1
12	1	27	1
13	1	28	1
14	1	29	1
Detection Percentage (%)		**100.0%**	

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5723	5604	5300	5454	5373
5	5508	5266	5278	5547	5289
10	5708	5662	5647	5589	5352
15	5308	5541	5619	5422	5503
20	5600	5390	5385	5714	5514
25	5318	5432	5253	5641	5484
30	5299	5485	5566	5452	5301
35	5682	5512	5397	5311	5518
40	5570	5596	5334	5658	5315
45	5324	5559	5282	5273	5609
50	5338	5680	5408	5665	5305
55	5423	5360	5459	5410	5337
60	5536	5427	5331	5448	5376
65	5366	5275	5442	5332	5545
70	5611	5252	5498	5482	5367
75	5654	5549	5538	5494	5497
80	5557	5524	5572	5321	5676
85	5406	5606	5523	5661	5674
90	5653	5458	5631	5254	5584
95	5621	5626	5417	5645	5306

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5503	5465	5333	5518	5690
5	5550	5288	5353	5710	5593
10	5542	5451	5688	5309	5373
15	5396	5668	5722	5467	5695
20	5608	5459	5423	5706	5487
25	5681	5284	5456	5270	5438
30	5311	5442	5306	5604	5596
35	5724	5603	5700	5454	5653
40	5534	5574	5360	5587	5295
45	5407	5617	5335	5538	5485
50	5514	5294	5292	5352	5378
55	5259	5613	5654	5430	5539
60	5502	5578	5632	5599	5397
65	5412	5576	5642	5720	5404
70	5531	5614	5479	5474	5441
75	5336	5299	5530	5625	5648
80	5275	5369	5657	5554	5719
85	5572	5387	5393	5274	5461
90	5379	5721	5351	5680	5590
95	5630	5470	5568	5519	5605

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5661	5704	5269	5679	5435
5	5689	5688	5428	5398	5325
10	5473	5715	5254	5504	5394
15	5484	5320	5350	5415	5412
20	5519	5625	5364	5460	5472
25	5611	5659	5374	5552	5480
30	5675	5399	5521	5378	5416
35	5388	5694	5667	5614	5293
40	5261	5717	5357	5419	5275
45	5490	5291	5425	5264	5593
50	5335	5383	5590	5674	5566
55	5328	5376	5401	5668	5523
60	5555	5346	5351	5408	5437
65	5573	5714	5450	5400	5683
70	5511	5402	5283	5531	5436
75	5720	5551	5439	5475	5326
80	5344	5585	5617	5627	5541
85	5516	5686	5624	5512	5579
90	5287	5267	5649	5417	5487
95	5591	5698	5596	5366	5635

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5441	5468	5680	5365	5277
5	5256	5710	5503	5561	5532
10	5307	5504	5295	5602	5415
15	5572	5447	5356	5460	5604
20	5527	5694	5305	5312	5433
25	5360	5560	5290	5478	5586
30	5522	5661	5639	5530	5614
35	5310	5625	5607	5410	5482
40	5354	5348	5255	5573	5636
45	5344	5690	5615	5294	5386
50	5472	5413	5618	5657	5642
55	5421	5670	5372	5700	5357
60	5495	5381	5419	5623	5392
65	5387	5329	5326	5645	5600
70	5717	5652	5426	5359	5539
75	5567	5492	5654	5296	5308
80	5548	5378	5643	5582	5466
85	5400	5264	5681	5692	5658
90	5297	5591	5304	5322	5633
95	5315	5691	5578	5630	5555

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5696	5707	5616	5526	5497
5	5298	5635	5578	5724	5361
10	5713	5390	5336	5322	5436
15	5563	5477	5459	5505	5321
20	5535	5385	5721	5401	5406
25	5723	5412	5493	5679	5620
30	5661	5550	5313	5379	5304
35	5434	5569	5498	5356	5631
40	5539	5446	5524	5251	5722
45	5351	5655	5710	5656	5694
50	5397	5577	5491	5470	5437
55	5658	5711	5465	5370	5596
60	5611	5489	5354	5522	5413
65	5327	5682	5365	5349	5341
70	5326	5450	5599	5604	5339
75	5586	5342	5501	5402	5318
80	5562	5473	5334	5568	5289
85	5468	5448	5451	5378	5485
90	5367	5420	5551	5559	5371
95	5320	5595	5654	5700	5377

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5476	5471	5552	5687	5339
5	5340	5657	5653	5315	5568
10	5644	5654	5377	5517	5457
15	5651	5604	5562	5550	5513
20	5446	5454	5284	5393	5379
25	5514	5361	5696	5308	5703
30	5536	5270	5594	5456	5632
35	5708	5589	5627	5406	5453
40	5382	5607	5664	5487	5348
45	5584	5593	5264	5277	5450
50	5367	5646	5488	5272	5437
55	5409	5558	5326	5686	5692
60	5483	5455	5634	5605	5311
65	5290	5362	5660	5394	5310
70	5411	5669	5345	5253	5281
75	5493	5682	5586	5516	5349
80	5531	5445	5424	5330	5492
85	5415	5324	5282	5629	5439
90	5334	5338	5432	5698	5683
95	5327	5425	5527	5620	5655

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5634	5710	5488	5373	5559
5	5479	5679	5253	5478	5300
10	5443	5418	5712	5264	5256
15	5665	5498	5705	5454	5620
20	5700	5482	5352	5402	5688
25	5424	5412	5270	5425	5702
30	5334	5452	5372	5680	5520
35	5464	5696	5312	5602	5630
40	5442	5513	5573	5347	5335
45	5503	5254	5621	5539	5361
50	5260	5271	5504	5516	5505
55	5663	5612	5377	5400	5466
60	5431	5354	5714	5398	5492
65	5286	5588	5580	5655	5348
70	5577	5257	5711	5365	5327
75	5435	5363	5529	5605	5594
80	5366	5659	5266	5293	5684
85	5283	5572	5701	5332	5566
90	5321	5346	5487	5682	5581
95	5306	5528	5637	5404	5615

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5414	5474	5424	5534	5401
5	5521	5604	5328	5641	5409
10	5707	5459	5432	5499	5352
15	5383	5293	5543	5519	5462
20	5689	5571	5325	5668	5540
25	5627	5516	5722	5314	5659
30	5452	5382	5650	5511	5296
35	5316	5712	5378	5535	5395
40	5439	5345	5553	5430	5556
45	5497	5523	5590	5450	5558
50	5675	5458	5706	5324	5634
55	5266	5542	5298	5257	5300
60	5574	5663	5337	5702	5391
65	5652	5448	5426	5708	5573
70	5334	5447	5567	5513	5615
75	5639	5483	5684	5657	5561
80	5680	5353	5723	5476	5338
85	5600	5678	5455	5469	5666
90	5479	5631	5457	5610	5622
95	5699	5575	5528	5637	5368

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5669	5713	5360	5695	5621
5	5563	5626	5403	5329	5336
10	5340	5496	5597	5530	5520
15	5343	5510	5299	5588	5711
20	5373	5380	5679	5298	5556
25	5489	5258	5620	5281	5451
30	5300	5616	5667	5631	5470
35	5553	5387	5587	5487	5292
40	5374	5478	5635	5436	5274
45	5533	5513	5354	5512	5406
50	5699	5641	5636	5381	5522
55	5647	5412	5421	5618	5508
60	5707	5702	5655	5721	5397
65	5612	5534	5448	5346	5627
70	5275	5684	5532	5681	5567
75	5613	5494	5392	5652	5264
80	5342	5378	5562	5316	5591
85	5430	5593	5595	5441	5537
90	5463	5564	5486	5650	5377
95	5642	5259	5594	5688	5605

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5449	5477	5296	5284	5366
5	5605	5551	5478	5395	5543
10	5649	5382	5638	5250	5541
15	5431	5540	5402	5633	5428
20	5381	5620	5652	5271	5347
25	5341	5461	5346	5315	5493
30	5664	5573	5407	5308	5668
35	5692	5383	5640	5303	5688
40	5561	5416	5433	5581	5513
45	5596	5412	5565	5671	5627
50	5400	5582	5466	5360	5611
55	5340	5479	5427	5397	5332
60	5534	5481	5667	5598	5312
65	5269	5718	5472	5418	5710
70	5599	5660	5491	5650	5590
75	5281	5475	5547	5287	5520
80	5537	5405	5465	5364	5376
85	5556	5318	5721	5447	5571
90	5345	5576	5503	5256	5275
95	5524	5362	5378	5592	5425

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5704	5716	5707	5445	5683
5	5269	5573	5553	5558	5372
10	5580	5646	5679	5562	5519
15	5667	5505	5581	5620	5389
20	5615	5561	5644	5719	5710
25	5290	5664	5450	5252	5535
30	5530	5622	5557	5488	5356
35	5666	5276	5318	5692	5624
40	5266	5354	5543	5430	5510
45	5493	5373	5618	5503	5576
50	5268	5339	5405	5313	5451
55	5320	5634	5556	5277	5366
60	5404	5421	5348	5513	5653
65	5490	5696	5554	5351	5539
70	5619	5327	5456	5324	5397
75	5301	5604	5468	5333	5293
80	5465	5303	5424	5435	5614
85	5613	5411	5453	5508	5605
90	5685	5617	5715	5648	5673
95	5687	5637	5595	5432	5649

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5387	5480	5643	5606	5428
5	5311	5498	5628	5721	5579
10	5511	5435	5720	5640	5583
15	5607	5319	5608	5626	5337
20	5300	5306	5599	5258	5692
25	5501	5617	5392	5554	5286
30	5674	5539	5487	5265	5709
35	5308	5398	5282	5547	5568
40	5463	5349	5292	5524	5439
45	5376	5287	5431	5671	5348
50	5379	5277	5703	5257	5639
55	5652	5419	5453	5421	5685
60	5252	5697	5673	5705	5656
65	5622	5459	5384	5405	5456
70	5659	5682	5654	5675	5515
75	5409	5491	5355	5470	5437
80	5576	5410	5557	5293	5330
85	5488	5368	5620	5399	5500
90	5389	5290	5336	5542	5634
95	5699	5546	5385	5396	5307

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5642	5719	5579	5292	5270
5	5353	5520	5703	5409	5311
10	5345	5699	5286	5360	5604
15	5598	5446	5711	5671	5529
20	5308	5375	5540	5250	5665
25	5389	5469	5595	5658	5320
30	5716	5428	5444	5480	5483
35	5506	5537	5373	5343	5721
40	5617	5302	5432	5608	5548
45	5521	5271	5356	5370	5489
50	5724	5710	5255	5453	5517
55	5526	5352	5606	5609	5272
60	5295	5339	5417	5264	5505
65	5531	5602	5445	5408	5323
70	5618	5675	5259	5256	5668
75	5657	5524	5491	5368	5460
80	5475	5516	5418	5338	5457
85	5691	5327	5305	5462	5362
90	5692	5257	5440	5538	5631
95	5266	5465	5479	5331	5651

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5422	5483	5515	5453	5490
5	5395	5445	5303	5475	5518
10	5276	5488	5327	5458	5625
15	5686	5573	5717	5619	5721
20	5316	5541	5481	5339	5638
25	5277	5418	5701	5384	5354
30	5283	5317	5401	5695	5635
35	5326	5676	5464	5711	5399
40	5531	5616	5546	5691	5675
45	5336	5550	5450	5302	5500
50	5509	5629	5421	5703	5349
55	5523	5540	5560	5324	5469
60	5266	5468	5582	5684	5434
65	5454	5645	5646	5357	5359
70	5353	5567	5537	5425	5660
75	5373	5467	5332	5498	5659
80	5605	5630	5594	5621	5279
85	5271	5312	5697	5394	5311
90	5431	5568	5513	5440	5668
95	5397	5289	5439	5343	5299

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5677	5722	5451	5614	5332
5	5534	5467	5378	5638	5347
10	5585	5374	5368	5653	5646
15	5299	5603	5345	5664	5438
20	5702	5610	5519	5331	5611
25	5543	5270	5429	5488	5388
30	5422	5303	5358	5435	5409
35	5524	5340	5555	5507	5649
40	5445	5552	5695	5484	5456
45	5515	5316	5633	5508	5355
50	5387	5385	5330	5472	5317
55	5550	5370	5253	5514	5288
60	5712	5500	5272	5629	5266
65	5280	5591	5372	5306	5395
70	5660	5362	5497	5262	5285
75	5697	5443	5286	5301	5618
80	5705	5380	5643	5375	5688
85	5342	5321	5718	5504	5565
90	5559	5596	5574	5547	5511
95	5452	5685	5273	5337	5700

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5360	5486	5387	5300	5552
5	5576	5392	5453	5326	5554
10	5516	5638	5409	5373	5667
15	5255	5448	5709	5252	5710
20	5301	5460	5420	5584	5431
25	5694	5632	5592	5422	5464
30	5315	5553	5561	5344	5382
35	5268	5303	5327	5456	5391
40	5696	5512	5436	5296	5716
45	5566	5311	5652	5261	5506
50	5523	5406	5314	5441	5468
55	5704	5582	5683	5629	5437
60	5574	5573	5581	5537	5670
65	5334	5395	5254	5521	5666
70	5723	5288	5449	5419	5720
75	5648	5263	5361	5278	5631
80	5377	5502	5415	5560	5445
85	5530	5399	5332	5372	5286
90	5580	5484	5324	5507	5354

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5615	5250	5323	5364	5394
5	5618	5414	5528	5489	5286
10	5447	5427	5547	5568	5688
15	5475	5382	5551	5279	5444
20	5718	5370	5401	5412	5654
25	5697	5546	5360	5696	5456
30	5506	5653	5272	5293	5335
35	5542	5521	5359	5574	5480
40	5705	5386	5461	5606	5365
45	5276	5324	5527	5539	5612
50	5682	5495	5671	5636	5532
55	5422	5419	5304	5557	5283
60	5602	5616	5405	5504	5483
65	5396	5679	5702	5524	5263
70	5331	5388	5298	5617	5383
75	5516	5342	5314	5541	5565
80	5693	5610	5552	5499	5408
85	5316	5398	5450	5580	5570
90	5451	5586	5518	5670	5341
95	5562	5338	5608	5561	5511

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5395	5586	5259	5525	5614
5	5282	5339	5603	5555	5590
10	5281	5691	5588	5288	5709
15	5466	5509	5654	5702	5636
20	5629	5536	5439	5501	5627
25	5585	5495	5563	5422	5490
30	5645	5542	5704	5508	5487
35	5362	5660	5450	5467	5255
40	5284	5544	5566	5298	5604
45	5672	5634	5407	5417	5329
50	5391	5383	5625	5681	5494
55	5580	5720	5376	5609	5598
60	5528	5412	5292	5561	5334
65	5330	5526	5694	5628	5309
70	5534	5319	5602	5432	5317
75	5622	5274	5638	5503	5562
80	5420	5401	5668	5705	5690
85	5427	5455	5341	5468	5363
90	5404	5353	5390	5616	5689
95	5438	5682	5358	5617	5322

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5650	5350	5670	5686	5456
5	5324	5361	5678	5718	5322
10	5687	5480	5629	5386	5255
15	5554	5636	5660	5272	5353
20	5637	5605	5380	5493	5600
25	5376	5347	5669	5526	5524
30	5431	5661	5723	5261	5657
35	5702	5541	5263	5408	5295
40	5383	5649	5711	5369	5601
45	5614	5490	5643	5470	5691
50	5267	5559	5676	5695	5427
55	5433	5330	5417	5499	5457
60	5506	5641	5253	5472	5420
65	5577	5345	5269	5405	5504
70	5303	5491	5471	5250	5597
75	5458	5705	5401	5343	5511
80	5449	5297	5313	5622	5358
85	5280	5603	5706	5455	5588
90	5306	5489	5320	5316	5375
95	5672	5403	5501	5422	5717

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5430	5589	5606	5372	5676
5	5366	5286	5278	5406	5529
10	5618	5670	5581	5276	5642
15	5666	5288	5317	5545	5645
20	5296	5321	5582	5573	5264
25	5674	5397	5630	5558	5254
30	5417	5413	5380	5632	5534
35	5561	5684	5319	5257	5552
40	5609	5597	5433	5594	5604
45	5523	5481	5260	5252	5384
50	5518	5371	5621	5284	5711
55	5470	5622	5451	5473	5554
60	5418	5718	5526	5381	5576
65	5683	5289	5494	5698	5701
70	5556	5427	5646	5382	5595
75	5524	5705	5461	5376	5342
80	5358	5394	5320	5671	5409
85	5277	5408	5471	5426	5677
90	5425	5489	5387	5399	5401
95	5345	5274	5398	5267	5453

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5588	5353	5542	5533	5518
5	5408	5308	5569	5358	5452
10	5630	5711	5301	5297	5255
15	5318	5391	5362	5262	5556
20	5365	5574	5546	5627	5623
25	5600	5259	5592	5393	5306
30	5575	5581	5662	5675	5505
35	5345	5427	5336	5598	5633
40	5340	5490	5277	5594	5656
45	5576	5368	5397	5436	5303
50	5473	5341	5693	5334	5713
55	5607	5433	5344	5702	5312
60	5493	5305	5380	5461	5444
65	5475	5320	5311	5373	5389
70	5270	5372	5547	5677	5515
75	5299	5291	5419	5363	5275
80	5634	5486	5625	5439	5584
85	5537	5261	5454	5512	5539
90	5460	5525	5606	5636	5707
95	5462	5437	5506	5307	5371

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5368	5592	5478	5694	5263
5	5547	5708	5428	5257	5565
10	5383	5419	5277	5496	5318
15	5721	5445	5494	5310	5454
20	5564	5531	5300	5663	5519
25	5418	5475	5328	5460	5626
30	5435	5670	5532	5321	5339
35	5398	5644	5436	5698	5489
40	5609	5472	5520	5517	5688
45	5291	5554	5264	5720	5633
50	5273	5612	5354	5659	5639
55	5637	5522	5667	5322	5252
60	5315	5356	5477	5438	5303
65	5407	5645	5424	5618	5643
70	5342	5358	5597	5396	5653
75	5474	5268	5411	5465	5344
80	5527	5269	5267	5314	5502
85	5581	5261	5378	5417	5607
90	5504	5414	5298	5426	5326
95	5713	5397	5546	5523	5362

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5623	5356	5414	5380	5580
5	5589	5255	5503	5323	5297
10	5314	5683	5318	5691	5339
15	5334	5572	5597	5355	5646
20	5697	5716	5655	5492	5306
25	5424	5531	5564	5660	5477
30	5656	5489	5536	5588	5693
35	5686	5527	5494	5642	5523
40	5311	5603	5366	5282	5685
45	5598	5534	5347	5681	5585
50	5520	5624	5313	5405	5273
55	5365	5484	5710	5621	5512
60	5546	5286	5485	5383	5541
65	5604	5353	5468	5373	5295
70	5438	5470	5511	5344	5600
75	5720	5532	5433	5615	5434
80	5608	5325	5304	5381	5662
85	5578	5549	5639	5695	5324
90	5372	5465	5491	5341	5431
95	5540	5417	5436	5568	5619

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5403	5595	5350	5541	5325
5	5631	5655	5578	5486	5601
10	5623	5472	5359	5314	5360
15	5422	5699	5603	5400	5460
20	5483	5291	5657	5269	5465
25	5572	5276	5637	5668	5694
30	5519	5545	5446	5654	5265
35	5416	5618	5290	5320	5437
40	5722	5686	5304	5522	5682
45	5527	5514	5430	5264	5638
50	5310	5500	5489	5456	5362
55	5663	5428	5326	5478	5702
60	5268	5257	5614	5332	5425
65	5373	5299	5669	5322	5331
70	5660	5330	5273	5583	5700
75	5569	5508	5392	5584	5554
80	5306	5556	5250	5575	5542
85	5537	5440	5419	5715	5319
90	5444	5656	5347	5667	5420
95	5466	5598	5282	5681	5640

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5561	5359	5286	5605	5642
5	5673	5677	5653	5649	5333
10	5554	5261	5497	5509	5381
15	5510	5254	5706	5348	5652
20	5491	5457	5695	5438	5460
25	5603	5365	5297	5253	5658
30	5434	5403	5394	5514	5711
35	5489	5709	5570	5448	5391
40	5717	5665	5679	5397	5513
45	5322	5691	5672	5279	5507
50	5451	5486	5275	5432	5417
55	5562	5606	5268	5370	5680
60	5353	5342	5492	5271	5367
65	5395	5600	5551	5277	5413
70	5703	5321	5484	5351	5456
75	5674	5287	5502	5560	5313
80	5572	5464	5542	5476	5500
85	5611	5373	5567	5346	5402
90	5368	5301	5671	5527	5501
95	5461	5577	5385	5508	5377

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5341	5598	5697	5291	5387
5	5337	5602	5253	5540	5388
10	5622	5538	5704	5402	5501
15	5381	5334	5393	5369	5499
20	5526	5636	5350	5411	5251
25	5552	5568	5498	5287	5700
30	5420	5360	5609	5666	5531
35	5325	5454	5723	5362	5400
40	5474	5655	5430	5676	5288
45	5377	5596	5283	5269	5462
50	5630	5366	5558	5309	5694
55	5702	5386	5510	5577	5300
60	5662	5315	5512	5654	5693
65	5695	5306	5492	5257	5349
70	5399	5328	5645	5460	5310
75	5425	5319	5465	5268	5488
80	5515	5398	5376	5472	5659
85	5445	5318	5463	5548	5424
90	5340	5365	5511	5359	5436
95	5628	5410	5688	5582	5485

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5596	5362	5633	5452	5704
5	5379	5624	5328	5403	5369
10	5319	5411	5579	5424	5423
15	5589	5508	5437	5438	5561
20	5410	5692	5577	5342	5384
25	5614	5404	5296	5602	5321
30	5267	5309	5317	5349	5440
35	5254	5670	5513	5250	5401
40	5276	5714	5557	5593	5295
45	5357	5679	5341	5322	5506
50	5542	5609	5251	5510	5541
55	5415	5340	5700	5675	5548
60	5429	5352	5260	5344	5709
65	5516	5644	5287	5535	5518
70	5385	5331	5494	5436	5269
75	5394	5439	5511	5346	5265
80	5625	5597	5465	5536	5469
85	5476	5348	5257	5523	5378
90	5491	5660	5676	5462	5373
95	5422	5705	5637	5591	5526

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5376	5601	5569	5613	5449
5	5421	5549	5403	5566	5576
10	5250	5675	5620	5619	5444
15	5677	5635	5540	5483	5278
20	5418	5286	5615	5431	5357
25	5502	5353	5499	5706	5355
30	5406	5295	5274	5467	5592
35	5334	5604	5618	5651	5287
40	5553	5640	5434	5435	5292
45	5524	5337	5399	5614	5382
50	5718	5660	5340	5333	5485
55	5603	5294	5415	5397	5519
60	5558	5517	5302	5273	5277
65	5717	5593	5281	5269	5557
70	5338	5590	5371	5343	5412
75	5703	5266	5462	5654	5327
80	5260	5378	5629	5599	5466
85	5671	5348	5574	5486	5381
90	5429	5264	5383	5366	5468
95	5407	5531	5722	5692	5550

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5631	5365	5505	5299	5291
5	5463	5571	5478	5254	5308
10	5559	5464	5661	5717	5465
15	5290	5287	5546	5431	5470
20	5426	5452	5556	5423	5330
25	5293	5680	5702	5335	5389
30	5448	5659	5706	5682	5366
35	5272	5473	5695	5414	5329
40	5676	5489	5345	5372	5578
45	5289	5453	5317	5370	5360
50	5331	5501	5636	5419	5711
55	5429	5332	5316	5723	5605
60	5691	5393	5687	5722	5580
65	5704	5698	5443	5542	5479
70	5449	5616	5284	5454	5434
75	5570	5662	5710	5582	5700
80	5294	5273	5634	5318	5391
85	5251	5416	5346	5383	5512
90	5678	5531	5474	5344	5652
95	5543	5361	5534	5528	5322

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5314	5604	5441	5460	5511
5	5602	5496	5553	5417	5515
10	5490	5253	5702	5437	5486
15	5281	5317	5649	5476	5662
20	5337	5521	5497	5512	5303
25	5656	5532	5333	5439	5326
30	5548	5663	5422	5518	5567
35	5311	5685	5482	5590	5328
40	5428	5310	5343	5286	5285
45	5297	5453	5418	5384	5291
50	5498	5287	5454	5276	5407
55	5677	5320	5510	5364	5341
60	5372	5667	5412	5627	5644
65	5266	5588	5353	5719	5419
70	5356	5440	5534	5267	5621
75	5582	5368	5289	5546	5383
80	5415	5347	5586	5629	5355
85	5509	5427	5689	5434	5401
90	5599	5480	5378	5652	5327
95	5426	5425	5487	5403	5463

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/02		
Test Item	Radar Statistical Performance Check (802.11ax-HE40 – 5510MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5501	1	5506	1	5493	1	5499	1
1	5520	1	5526	1	5506	1	5512	1
2	5512	1	5493	1	5502	1	5528	1
3	5518	1	5500	1	5492	1	5521	1
4	5510	1	5516	1	5518	1	5490	1
5	5505	1	5523	1	5530	1	5503	1
6	5497	1	5501	1	5523	1	5529	1
7	5508	1	5524	1	5504	1	5499	1
8	5526	1	5509	1	5529	1	5495	1
9	5522	1	5510	1	5523	1	5521	1
10	5530	1	5524	1	5513	1	5509	1
11	5513	1	5502	1	5523	1	5508	1
12	5494	1	5509	1	5510	1	5512	0
13	5516	1	5519	1	5499	1	5503	1
14	5507	1	5493	1	5527	0	5510	1
15	5519	1	5516	1	5510	1	5523	1
16	5494	1	5492	1	5529	1	5521	1
17	5528	1	5523	1	5490	1	5522	1
18	5519	1	5518	1	5497	1	5493	1
19	5521	1	5490	1	5503	1	5506	1
20	5491	1	5495	1	5521	1	5492	1
21	5521	1	5523	1	5530	1	5493	1
22	5490	1	5530	1	5496	1	5527	1
23	5518	1	5514	1	5518	1	5509	1
24	5514	1	5505	1	5517	1	5516	1
25	5502	1	5527	0	5508	1	5530	1
26	5522	1	5505	1	5499	1	5506	1
27	5497	1	5524	1	5521	1	5509	1

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
28	5513	1	5495	0	5524	1	5529	1
29	5528	0	5503	1	5494	1	5520	1
Probability:	96.7%		93.3%		96.7%		96.7%	
Aggregate:	**95.8% (>80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	878.0	61	53558.0
Download	1	Type 1	1.0	578.0	92	53176.0
Download	2	Type 1	1.0	938.0	57	53466.0
Download	3	Type 1	1.0	818.0	65	53170.0
Download	4	Type 1	1.0	838.0	63	52794.0
Download	5	Type 1	1.0	858.0	62	53196.0
Download	6	Type 1	1.0	778.0	68	52904.0
Download	7	Type 1	1.0	538.0	99	53262.0
Download	8	Type 1	1.0	658.0	81	53298.0
Download	9	Type 1	1.0	3066.0	18	55188.0
Download	10	Type 1	1.0	638.0	83	52954.0
Download	11	Type 1	1.0	678.0	78	52884.0
Download	12	Type 1	1.0	738.0	72	53136.0
Download	13	Type 1	1.0	518.0	102	52836.0
Download	14	Type 1	1.0	758.0	70	53060.0
Download	15	Type 1	1.0	2213.0	24	53112.0
Download	16	Type 1	1.0	1114.0	48	53472.0
Download	17	Type 1	1.0	2459.0	22	54098.0
Download	18	Type 1	1.0	1722.0	31	53382.0
Download	19	Type 1	1.0	1800.0	30	54000.0
Download	20	Type 1	1.0	1596.0	34	54264.0
Download	21	Type 1	1.0	1461.0	37	54057.0
Download	22	Type 1	1.0	2833.0	19	53827.0
Download	23	Type 1	1.0	1478.0	36	53208.0
Download	24	Type 1	1.0	1178.0	45	53010.0
Download	25	Type 1	1.0	2858.0	19	54302.0
Download	26	Type 1	1.0	1212.0	44	53328.0
Download	27	Type 1	1.0	1709.0	31	52979.0
Download	28	Type 1	1.0	1690.0	32	54080.0
Download	29	Type 1	1.0	702.0	76	53352.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	2.1	227.0	24	5448.0
Download	1	Type 2	1.1	171.0	23	3933.0
Download	2	Type 2	1.0	208.0	23	4784.0
Download	3	Type 2	3.8	192.0	27	5184.0
Download	4	Type 2	1.2	158.0	23	3634.0
Download	5	Type 2	3.2	186.0	26	4836.0
Download	6	Type 2	4.6	180.0	29	5220.0
Download	7	Type 2	3.6	161.0	27	4347.0
Download	8	Type 2	2.3	209.0	25	5225.0
Download	9	Type 2	2.4	202.0	25	5050.0
Download	10	Type 2	4.3	189.0	28	5292.0
Download	11	Type 2	1.4	222.0	23	5106.0
Download	12	Type 2	1.0	184.0	23	4232.0
Download	13	Type 2	3.2	177.0	26	4602.0
Download	14	Type 2	1.0	167.0	23	3841.0
Download	15	Type 2	2.3	198.0	25	4950.0
Download	16	Type 2	2.4	210.0	25	5250.0
Download	17	Type 2	5.0	166.0	29	4814.0
Download	18	Type 2	5.0	220.0	29	6380.0
Download	19	Type 2	2.8	187.0	26	4862.0
Download	20	Type 2	2.7	205.0	26	5330.0
Download	21	Type 2	4.6	154.0	29	4466.0
Download	22	Type 2	1.0	195.0	23	4485.0
Download	23	Type 2	1.2	156.0	23	3588.0
Download	24	Type 2	3.4	196.0	27	5292.0
Download	25	Type 2	4.7	157.0	29	4553.0
Download	26	Type 2	2.2	165.0	25	4125.0
Download	27	Type 2	1.9	178.0	24	4272.0
Download	28	Type 2	4.6	163.0	29	4727.0
Download	29	Type 2	2.7	153.0	25	3825.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.1	363.0	16	5808.0
Download	1	Type 3	6.1	242.0	16	3872.0
Download	2	Type 3	6.0	201.0	16	3216.0
Download	3	Type 3	8.8	371.0	18	6678.0
Download	4	Type 3	6.2	441.0	16	7056.0
Download	5	Type 3	8.2	317.0	17	5389.0
Download	6	Type 3	9.6	333.0	18	5994.0
Download	7	Type 3	8.6	382.0	17	6494.0
Download	8	Type 3	7.3	500.0	17	8500.0
Download	9	Type 3	7.4	498.0	17	8466.0
Download	10	Type 3	9.3	269.0	18	4842.0
Download	11	Type 3	6.4	303.0	16	4848.0
Download	12	Type 3	6.0	284.0	16	4544.0
Download	13	Type 3	8.2	329.0	17	5593.0
Download	14	Type 3	6.0	381.0	16	6096.0
Download	15	Type 3	7.3	294.0	16	4704.0
Download	16	Type 3	7.4	460.0	17	7820.0
Download	17	Type 3	10.0	349.0	18	6282.0
Download	18	Type 3	10.0	355.0	18	6390.0
Download	19	Type 3	7.8	409.0	17	6953.0
Download	20	Type 3	7.7	407.0	17	6919.0
Download	21	Type 3	9.6	416.0	18	7488.0
Download	22	Type 3	6.0	497.0	16	7952.0
Download	23	Type 3	6.2	328.0	16	5248.0
Download	24	Type 3	8.4	368.0	17	6256.0
Download	25	Type 3	9.7	473.0	18	8514.0
Download	26	Type 3	7.2	376.0	16	6016.0
Download	27	Type 3	6.9	483.0	16	7728.0
Download	28	Type 3	9.6	207.0	18	3726.0
Download	29	Type 3	7.7	272.0	17	4624.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	13.4	363.0	13	4719.0
Download	1	Type 4	11.3	242.0	12	2904.0
Download	2	Type 4	11.0	201.0	12	2412.0
Download	3	Type 4	17.2	371.0	15	5565.0
Download	4	Type 4	11.6	441.0	12	5292.0
Download	5	Type 4	15.9	317.0	14	4438.0
Download	6	Type 4	19.0	333.0	16	5328.0
Download	7	Type 4	16.9	382.0	15	5730.0
Download	8	Type 4	14.0	500.0	13	6500.0
Download	9	Type 4	14.2	498.0	13	6474.0
Download	10	Type 4	18.3	269.0	16	4304.0
Download	11	Type 4	12.0	303.0	12	3636.0
Download	12	Type 4	11.1	284.0	12	3408.0
Download	13	Type 4	16.0	329.0	14	4606.0
Download	14	Type 4	11.0	381.0	12	4572.0
Download	15	Type 4	13.9	294.0	13	3822.0
Download	16	Type 4	14.2	460.0	13	5980.0
Download	17	Type 4	20.0	349.0	16	5584.0
Download	18	Type 4	20.0	355.0	16	5680.0
Download	19	Type 4	15.0	409.0	14	5726.0
Download	20	Type 4	14.9	407.0	14	5698.0
Download	21	Type 4	19.0	416.0	16	6656.0
Download	22	Type 4	11.1	497.0	12	5964.0
Download	23	Type 4	11.6	328.0	12	3936.0
Download	24	Type 4	16.4	368.0	14	5152.0
Download	25	Type 4	19.2	473.0	16	7568.0
Download	26	Type 4	13.8	376.0	13	4888.0
Download	27	Type 4	13.1	483.0	13	6279.0
Download	28	Type 4	19.1	207.0	16	3312.0
Download	29	Type 4	14.8	272.0	14	3808.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5510	1	15	5494	1
1	5510	1	16	5494	1
2	5510	1	17	5498	0
3	5510	1	18	5498	1
4	5510	1	19	5494.8	1
5	5510	1	20	5525.6	1
6	5510	1	21	5522.4	1
7	5510	1	22	5528	1
8	5510	1	23	5527.6	1
9	5510	1	24	5524.4	1
10	5496.8	1	25	5522.4	1
11	5492.4	1	26	5526	1
12	5492	1	27	5526.8	1
13	5495.2	0	28	5522.4	1
14	5492	1	29	5525.6	1
Detection Percentage (%)			**93.3%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
556824.0	63.4	9	1	1329.0	-	-
820991.0	51.9	9	1	1450.0	-	-
1085397.0	50.3	9	1	1271.0	-	-
259288.0	84.4	9	3	1105.0	1845.0	1429.0
524029.0	53.3	9	1	1837.0	-	-
787105.0	77.1	9	2	1599.0	1701.0	-
1049660.0	94.3	9	3	1892.0	1297.0	1378.0
227183.0	82.8	9	2	1607.0	1075.0	-
490852.0	66.7	9	2	1524.0	1735.0	-
754976.0	67.8	9	2	1459.0	1318.0	-
1017191.0	90.3	9	3	1498.0	1301.0	1785.0

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)
268138.0	55.8	5	1	1100.0	-	-
631539.0	50.6	5	1	1407.0	-	-
994330.0	78.0	5	2	1003.0	1406.0	-
1357977.0	50.1	5	1	1931.0	-	-
223288.0	66.2	5	1	1580.0	-	-
586023.0	68.1	5	2	1736.0	1579.0	-
948219.0	100.0	5	3	1390.0	1613.0	1569.0
1311615.0	99.8	5	3	1220.0	1144.0	1401.0

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)
178352.0	72.2	5	2	1787.0	1232.0	-
541374.0	71.5	5	2	1203.0	1937.0	-
903167.0	94.1	5	3	1542.0	1727.0	1927.0
1268641.0	50.6	5	1	1728.0	-	-
133787.0	53.6	5	1	1275.0	-	-
496672.0	79.8	5	2	1968.0	1122.0	-
858936.0	95.2	5	3	1632.0	1567.0	1257.0
1223884.0	65.6	5	1	1725.0	-	-

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)
44441.0	61.6	15	1	1748.0	-	-
224996.0	94.6	15	3	1625.0	1821.0	1349.0
406581.0	71.4	15	2	1752.0	1482.0	-
588223.0	79.1	15	2	1043.0	1521.0	-
22105.0	63.0	15	1	1167.0	-	-
203534.0	51.7	15	1	1851.0	-	-
383910.0	98.6	15	3	1101.0	1273.0	1564.0
565365.0	82.0	15	2	1532.0	1730.0	-
748576.0	64.3	15	1	1158.0	-	-
181216.0	53.0	15	1	1716.0	-	-
360901.0	94.5	15	3	1929.0	1992.0	1503.0
541902.0	83.7	15	3	1509.0	1383.0	1958.0
725554.0	66.3	15	1	1829.0	-	-
158698.0	74.2	15	2	1111.0	1374.0	-
339209.0	99.8	15	3	1385.0	1290.0	1537.0
521411.0	73.8	15	2	1299.0	1013.0	-

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)
1406472.0	78.0	6	2	1732.0	1856.0	-
272749.0	86.4	6	3	1897.0	1241.0	1750.0
635551.0	87.2	6	3	1124.0	1394.0	1921.0
997754.0	91.4	6	3	1744.0	1966.0	1504.0
1363421.0	55.8	6	1	1770.0	-	-
228284.0	75.1	6	2	1693.0	1879.0	-
590623.0	94.4	6	3	1654.0	1417.0	1998.0
954411.0	79.1	6	2	1238.0	1918.0	-

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)
701114.0	80.0	13	2	1893.0	1520.0	-
97993.0	53.8	13	1	1222.0	-	-
290855.0	88.6	13	3	1239.0	1242.0	1116.0
483290.0	97.3	13	3	1775.0	1641.0	1361.0
677545.0	69.3	13	2	1913.0	1231.0	-
74070.0	51.3	13	1	1870.0	-	-
266632.0	96.8	13	3	1838.0	1624.0	1419.0
461329.0	54.5	13	1	1669.0	-	-
655053.0	58.2	13	1	1544.0	-	-
50219.0	61.5	13	1	1982.0	-	-
243572.0	82.7	13	2	1287.0	1322.0	-
436315.0	88.3	13	3	1008.0	1248.0	1539.0
628948.0	95.3	13	3	1258.0	1868.0	1265.0
26286.0	88.7	13	3	1952.0	1210.0	1642.0
219746.0	77.3	13	2	1052.0	1573.0	-

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)
326385.0	54.0	19	1	1636.0	-	-
479365.0	52.0	19	1	1375.0	-	-
1993.0	96.1	19	3	1465.0	1887.0	1658.0
154054.0	85.8	19	3	2000.0	1604.0	1006.0
307480.0	63.2	19	1	1813.0	-	-
459298.0	73.6	19	2	1084.0	1988.0	-
613662.0	66.3	19	1	1087.0	-	-
135182.0	83.5	19	3	1902.0	1857.0	1508.0
287340.0	98.0	19	3	1488.0	1707.0	1511.0
440202.0	71.7	19	2	1932.0	1596.0	-
593580.0	70.2	19	2	1136.0	1272.0	-
116908.0	72.6	19	2	1685.0	1234.0	-
269458.0	67.2	19	2	1629.0	1104.0	-
421016.0	92.7	19	3	1825.0	1182.0	1151.0
575907.0	53.7	19	1	1179.0	-	-
98295.0	59.7	19	1	1846.0	-	-
249994.0	86.5	19	3	1487.0	1412.0	1534.0
404128.0	50.1	19	1	1264.0	-	-
554502.0	92.3	19	3	1545.0	1348.0	1197.0

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)
94108.0	99.2	15	3	1806.0	1171.0	1410.0
275934.0	59.1	15	1	1697.0	-	-
457710.0	63.2	15	1	1224.0	-	-
639109.0	51.2	15	1	1462.0	-	-
72141.0	62.6	15	1	1188.0	-	-
253546.0	62.9	15	1	1796.0	-	-
434950.0	56.3	15	1	1896.0	-	-
614704.0	89.9	15	3	1293.0	1193.0	1455.0
49664.0	75.4	15	2	1424.0	1372.0	-
231429.0	54.8	15	1	1034.0	-	-
411154.0	91.6	15	3	1032.0	1826.0	1662.0
594104.0	61.5	15	1	1815.0	-	-
27333.0	78.5	15	2	1809.0	1243.0	-
208013.0	89.3	15	3	1668.0	1141.0	1956.0
390466.0	59.1	15	1	1486.0	-	-
571363.0	83.1	15	2	1162.0	1163.0	-

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)
6689.0	89.3	10	3	1247.0	1027.0	1941.0
248973.0	59.8	10	1	1108.0	-	-
489883.0	89.3	10	3	1132.0	1063.0	1663.0
732238.0	81.2	10	2	1696.0	1128.0	-
975660.0	55.4	10	1	1211.0	-	-
218949.0	63.6	10	1	1944.0	-	-
460738.0	70.3	10	2	1336.0	1194.0	-
701343.0	90.6	10	3	1219.0	1332.0	1842.0
943814.0	75.6	10	2	1426.0	1906.0	-
188567.0	99.2	10	3	1745.0	1999.0	1181.0
430813.0	78.8	10	2	1553.0	1269.0	-
672627.0	79.6	10	2	1601.0	1270.0	-

Type 5 Radar Waveform_9

915281.0	61.9	10	1	1978.0	-	-
159422.0	54.4	10	1	1279.0	-	-
401501.0	51.7	10	1	1633.0	-	-
642335.0	96.2	10	3	1266.0	1300.0	1085.0
883097.0	88.1	10	3	1323.0	1614.0	1711.0
129578.0	53.0	10	1	1340.0	-	-
370449.0	89.6	10	3	1973.0	1479.0	1474.0
613096.0	68.1	10	2	1666.0	1130.0	-
852836.0	90.8	10	3	1877.0	1646.0	1738.0
99712.0	50.8	10	1	1657.0	-	-
341038.0	83.4	10	3	1506.0	1135.0	1363.0
583063.0	72.8	10	2	1680.0	1529.0	-

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)
550564.0	56.8	17	1	1310.0	-	-
46355.0	83.8	17	3	1005.0	1556.0	1930.0
207240.0	90.9	17	3	1430.0	1134.0	1009.0
368269.0	78.7	17	2	1481.0	1717.0	-
530753.0	56.4	17	1	1227.0	-	-
26713.0	60.1	17	1	1000.0	-	-
187176.0	91.7	17	3	1819.0	1575.0	1079.0
348380.0	83.3	17	2	1605.0	1724.0	-
510745.0	58.1	17	1	1395.0	-	-
6820.0	59.5	17	1	1585.0	-	-
168134.0	64.5	17	1	1543.0	-	-
327944.0	100.0	17	3	1035.0	1559.0	1984.0
488083.0	97.3	17	3	1898.0	1834.0	1441.0
650360.0	69.0	17	2	1915.0	1377.0	-
147630.0	86.9	17	3	1169.0	1672.0	1546.0
308585.0	85.5	17	3	1236.0	1165.0	1274.0
469187.0	88.9	17	3	1091.0	1058.0	1801.0
630827.0	72.7	17	2	1020.0	1972.0	-

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)
256910.0	75.7	6	2	1250.0	1199.0	-
580081.0	63.5	6	1	1555.0	-	-
901118.0	84.2	6	3	1823.0	1255.0	1369.0
1224730.0	76.8	6	2	1458.0	1561.0	-
217043.0	78.0	6	2	1209.0	1905.0	-
539734.0	70.9	6	2	1404.0	1535.0	-
863250.0	53.0	6	1	1622.0	-	-
1183074.0	95.5	6	3	1782.0	1420.0	1965.0
177247.0	73.5	6	2	1830.0	1706.0	-

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)
562465.0	75.5	5	2	1881.0	1485.0	-
925044.0	99.8	5	3	1064.0	1572.0	1379.0
1286935.0	91.0	5	3	1402.0	1955.0	1742.0
154646.0	92.3	5	3	1600.0	1704.0	1298.0
517732.0	88.4	5	3	1057.0	1202.0	1172.0
881001.0	76.4	5	2	1912.0	1002.0	-
1245293.0	66.4	5	1	1469.0	-	-
110054.0	74.3	5	2	1753.0	1729.0	-

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)
251885.0	71.7	13	2	1772.0	1305.0	-
445070.0	72.8	13	2	1306.0	1939.0	-
637007.0	91.6	13	3	1664.0	1920.0	1285.0
34738.0	84.1	13	3	1484.0	1364.0	1609.0
228602.0	65.4	13	1	1245.0	-	-
422123.0	57.4	13	1	1628.0	-	-
613296.0	95.5	13	3	1528.0	1971.0	1315.0
10994.0	71.4	13	2	1638.0	1240.0	-
204710.0	52.3	13	1	1360.0	-	-
396609.0	90.0	13	3	1661.0	1904.0	1396.0
591842.0	51.8	13	1	1708.0	-	-
782163.0	99.0	13	3	1229.0	1977.0	1847.0
180432.0	69.0	13	2	1356.0	1855.0	-
374560.0	66.1	13	1	1330.0	-	-
568024.0	54.0	13	1	1667.0	-	-

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)
1428229.0	79.3	5	2	1123.0	1848.0	-
294207.0	68.1	5	2	1365.0	1962.0	-
657232.0	75.2	5	2	1434.0	1816.0	-
1020410.0	69.9	5	2	1790.0	1212.0	-
1382429.0	88.6	5	3	1389.0	1295.0	1454.0
249626.0	80.1	5	2	1317.0	1226.0	-
613297.0	55.7	5	1	1344.0	-	-
975498.0	70.0	5	2	1319.0	1974.0	-

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)
891855.0	75.6	10	2	1531.0	1196.0	-
136629.0	61.0	10	1	1440.0	-	-
377344.0	86.7	10	3	1866.0	1505.0	1935.0
621004.0	66.1	10	1	1422.0	-	-
860768.0	83.5	10	3	1262.0	1461.0	1501.0
106546.0	67.1	10	2	1850.0	1942.0	-
348447.0	67.3	10	2	1449.0	1515.0	-
590428.0	76.1	10	2	1446.0	1233.0	-
831575.0	73.5	10	2	1776.0	1783.0	-
76848.0	80.8	10	2	1516.0	1460.0	-
318419.0	94.7	10	3	1478.0	1113.0	1131.0
561057.0	65.1	10	1	1926.0	-	-

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)
803086.0	62.7	10	1	1970.0	-	-
46959.0	97.3	10	3	1746.0	1924.0	1491.0
288361.0	88.6	10	3	1749.0	1655.0	1335.0
531390.0	60.2	10	1	1645.0	-	-
773511.0	56.0	10	1	1659.0	-	-
17242.0	88.7	10	3	1747.0	1603.0	1648.0
259345.0	55.3	10	1	1981.0	-	-
500771.0	75.7	10	2	1354.0	1871.0	-
743191.0	81.0	10	2	1215.0	1109.0	-
985494.0	51.2	10	1	1985.0	-	-
228883.0	96.6	10	3	1899.0	1256.0	1637.0
471714.0	54.5	10	1	1698.0	-	-

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)
427964.0	59.4	20	1	1489.0	-	-
570373.0	95.7	20	3	1139.0	1594.0	1627.0
119716.0	61.7	20	1	1751.0	-	-
264235.0	74.1	20	2	1235.0	1817.0	-
409818.0	63.2	20	1	1878.0	-	-
555301.0	56.5	20	1	1425.0	-	-
101652.0	77.8	20	2	1709.0	1168.0	-
245235.0	94.3	20	3	2000.0	1886.0	1991.0
392097.0	66.0	20	1	1652.0	-	-
537189.0	52.8	20	1	1682.0	-	-
84050.0	66.0	20	1	1192.0	-	-
228474.0	73.1	20	2	1493.0	1805.0	-
373472.0	78.7	20	2	1261.0	1590.0	-
516420.0	91.3	20	3	1916.0	1773.0	1328.0
66094.0	62.0	20	1	1803.0	-	-
211191.0	54.3	20	1	1759.0	-	-
355086.0	85.1	20	3	1653.0	1066.0	1050.0
501313.0	63.8	20	1	1833.0	-	-
48189.0	78.3	20	2	1120.0	1103.0	-
193146.0	68.1	20	2	1152.0	1142.0	-

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)
337735.0	74.4	20	2	1097.0	1858.0	-
483913.0	50.9	20	1	1252.0	-	-
30274.0	91.4	20	3	1259.0	1001.0	1086.0
175282.0	82.0	20	2	1133.0	1189.0	-
320111.0	79.6	20	2	1093.0	1464.0	-
466157.0	64.9	20	1	1083.0	-	-
12498.0	63.9	20	1	1040.0	-	-
157103.0	100.0	20	3	1016.0	1282.0	1254.0
302168.0	74.7	20	2	1384.0	1362.0	-
447052.0	80.1	20	2	1393.0	1311.0	-
589827.0	89.0	20	3	1766.0	1494.0	1551.0
139357.0	74.4	20	2	1888.0	1350.0	-
285053.0	64.5	20	1	1217.0	-	-
428962.0	82.2	20	2	1184.0	1863.0	-
574803.0	56.7	20	1	1943.0	-	-
121362.0	87.9	20	3	1059.0	1477.0	1522.0
266997.0	55.3	20	1	1592.0	-	-
409571.0	93.2	20	3	1989.0	1872.0	1447.0
557808.0	62.9	20	1	1007.0	-	-
103623.0	67.0	20	2	1948.0	1740.0	-

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)
383677.0	52.9	12	1	1453.0	-	-
607351.0	50.3	12	1	1223.0	-	-
828195.0	99.2	12	3	1145.0	1934.0	1178.0
132551.0	59.9	12	1	1938.0	-	-
355470.0	81.3	12	2	1523.0	1674.0	-
579580.0	65.5	12	1	1591.0	-	-
802183.0	81.5	12	2	1471.0	1137.0	-
105083.0	64.7	12	1	1497.0	-	-
328234.0	76.7	12	2	1353.0	1156.0	-
552042.0	50.9	12	1	1606.0	-	-
773137.0	90.7	12	3	1656.0	1562.0	1228.0
77404.0	67.1	12	2	1720.0	1527.0	-
300465.0	72.9	12	2	1616.0	1712.0	-

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)
523477.0	78.4	11	2	1840.0	1588.0	-
747231.0	80.2	11	2	1526.0	1026.0	-
50027.0	58.4	11	1	1367.0	-	-
273671.0	54.3	11	1	1030.0	-	-
496185.0	79.8	11	2	1149.0	1940.0	-
718658.0	94.6	11	3	1794.0	1102.0	1029.0
22408.0	98.3	11	3	1331.0	1909.0	1548.0
245274.0	92.6	11	3	1368.0	1839.0	1012.0
468541.0	77.9	11	2	1894.0	1510.0	-
691864.0	69.6	11	2	1118.0	1922.0	-
913660.0	85.9	11	3	1507.0	1140.0	1743.0
218543.0	63.8	11	1	1185.0	-	-
440528.0	91.7	11	3	1033.0	1954.0	1540.0

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)
454984.0	58.5	19	1	1514.0	-	-
605263.0	96.6	19	3	1345.0	1244.0	1549.0
130118.0	84.5	19	3	1054.0	1325.0	1174.0
282471.0	74.2	19	2	1681.0	1788.0	-
433960.0	99.0	19	3	1700.0	1901.0	1092.0
586901.0	92.0	19	3	1028.0	1584.0	1117.0
111645.0	50.9	19	1	1923.0	-	-
264569.0	61.3	19	1	1416.0	-	-
417579.0	65.2	19	1	1150.0	-	-
568211.0	74.0	19	2	1831.0	1824.0	-
92924.0	51.8	19	1	1316.0	-	-
244929.0	81.5	19	2	1586.0	1919.0	-
398773.0	50.7	19	1	1107.0	-	-
551479.0	64.1	19	1	1339.0	-	-
73683.0	83.4	19	3	1351.0	1900.0	1570.0
225731.0	99.2	19	3	1670.0	1452.0	1589.0
379258.0	73.2	19	2	1089.0	1147.0	-
531388.0	73.7	19	2	1423.0	1411.0	-
55025.0	89.5	19	3	1358.0	1094.0	1620.0

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)
494499.0	71.8	5	2	1444.0	1067.0	-
858159.0	51.4	5	1	1688.0	-	-
1219547.0	86.2	5	3	1022.0	1565.0	1554.0
86639.0	52.0	5	1	1392.0	-	-
449479.0	98.4	5	3	1175.0	1154.0	1126.0
811802.0	83.6	5	3	1786.0	1442.0	1399.0
1176276.0	75.6	5	2	1312.0	1025.0	-
41802.0	98.6	5	3	1038.0	1048.0	1714.0

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)
405281.0	64.6	6	1	1568.0	-	-
768395.0	74.4	6	2	1049.0	1110.0	-
1131296.0	75.0	6	2	1466.0	1187.0	-
1494339.0	80.8	6	2	1207.0	1557.0	-
360564.0	63.3	6	1	1371.0	-	-
722520.0	96.1	6	3	1933.0	1180.0	1381.0
1085051.0	89.7	6	3	1691.0	1597.0	1448.0
1450645.0	56.9	6	1	1695.0	-	-

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)
167562.0	85.0	14	3	1031.0	1990.0	1797.0
361130.0	80.2	14	2	1841.0	1409.0	-
555603.0	52.5	14	1	1472.0	-	-
749638.0	52.0	14	1	1081.0	-	-
143799.0	98.7	14	3	1583.0	1777.0	1502.0
338228.0	66.2	14	1	1121.0	-	-
531895.0	61.6	14	1	1251.0	-	-
725264.0	63.2	14	1	1640.0	-	-
120503.0	56.1	14	1	1822.0	-	-
314329.0	56.6	14	1	1208.0	-	-
507324.0	72.8	14	2	1205.0	1161.0	-
699901.0	79.0	14	2	1799.0	1563.0	-
96506.0	80.4	14	2	1884.0	1198.0	-
290207.0	64.8	14	1	1917.0	-	-
482338.0	93.5	14	3	1675.0	1387.0	1213.0

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)
534548.0	54.7	19	1	1731.0	-	-
57245.0	95.9	19	3	1014.0	1499.0	1550.0
209320.0	96.5	19	3	1021.0	1612.0	1781.0
361396.0	92.1	19	3	1346.0	1722.0	1400.0
512940.0	90.2	19	3	1993.0	1413.0	1734.0
38560.0	72.4	19	2	1267.0	1791.0	-
190295.0	94.6	19	3	1960.0	1560.0	1844.0
342276.0	86.2	19	3	1587.0	1726.0	1861.0
494861.0	90.7	19	3	1869.0	1427.0	1039.0
19775.0	73.3	19	2	1761.0	1558.0	-
171849.0	93.4	19	3	1598.0	1547.0	1263.0
323947.0	86.4	19	3	1011.0	1468.0	1951.0
475395.0	87.0	19	3	1631.0	1779.0	1883.0
1005.0	90.2	19	3	1475.0	1260.0	1296.0
152926.0	93.2	19	3	1291.0	1891.0	1994.0
305307.0	88.6	19	3	1802.0	1148.0	1283.0
457352.0	85.4	19	3	1758.0	1576.0	1044.0
612478.0	61.1	19	1	1281.0	-	-
135024.0	57.2	19	1	1388.0	-	-

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)
454666.0	98.5	10	3	1873.0	1473.0	1304.0
697162.0	68.9	10	2	1741.0	1347.0	-
938768.0	70.7	10	2	1309.0	1967.0	-
183827.0	71.7	10	2	1530.0	1492.0	-
424997.0	90.8	10	3	1457.0	1041.0	1995.0
668633.0	55.6	10	1	1216.0	-	-
907408.0	89.9	10	3	1953.0	1525.0	1533.0
154126.0	72.9	10	2	1042.0	1438.0	-
395093.0	95.9	10	3	1849.0	1268.0	1789.0
636811.0	91.8	10	3	1818.0	1326.0	1173.0
880506.0	60.7	10	1	1811.0	-	-
124041.0	96.7	10	3	1832.0	1280.0	1660.0

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)
399587.0	68.1	8	2	1284.0	1327.0	-
662806.0	99.8	8	3	1204.0	1435.0	1166.0
927908.0	81.0	8	2	1090.0	1019.0	-
103121.0	70.3	8	2	1414.0	1277.0	-
366612.0	85.0	8	3	1373.0	1072.0	1538.0
630462.0	66.8	8	2	1784.0	1793.0	-
896044.0	54.0	8	1	1303.0	-	-
70462.0	99.5	8	3	1860.0	1405.0	1718.0
334185.0	84.5	8	3	1237.0	1023.0	1581.0
597485.0	90.4	8	3	1352.0	1246.0	1876.0
860979.0	94.1	8	3	1513.0	1155.0	1807.0

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)
22050.0	61.9	19	1	1804.0	-	-
174425.0	78.7	19	2	1827.0	1292.0	-
327614.0	55.3	19	1	1644.0	-	-
480079.0	79.9	19	2	1051.0	1004.0	-
3228.0	74.6	19	2	1518.0	1859.0	-
155588.0	73.0	19	2	1687.0	1686.0	-
308697.0	63.0	19	1	1843.0	-	-
460734.0	68.1	19	2	1125.0	1665.0	-
611749.0	87.5	19	3	1925.0	1307.0	1082.0
136816.0	67.9	19	2	1635.0	1760.0	-
289581.0	73.2	19	2	1143.0	1359.0	-
442801.0	66.4	19	1	1578.0	-	-
594143.0	74.5	19	2	1774.0	1341.0	-
117882.0	84.1	19	3	1338.0	1517.0	1431.0
270898.0	74.1	19	2	1230.0	1015.0	-
423905.0	55.6	19	1	1690.0	-	-
574182.0	86.5	19	3	1983.0	1095.0	1333.0
99610.0	50.3	19	1	1321.0	-	-
251107.0	99.5	19	3	1294.0	1719.0	1705.0

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)
590690.0	98.8	11	3	1382.0	1765.0	1439.0
813973.0	94.5	11	3	1045.0	1146.0	1808.0
117972.0	79.9	11	2	1286.0	1370.0	-
341108.0	76.7	11	2	1159.0	1755.0	-
563680.0	75.2	11	2	1907.0	1980.0	-
785986.0	86.6	11	3	1421.0	1495.0	1702.0
90563.0	56.0	11	1	1769.0	-	-
313663.0	69.8	11	2	1153.0	1630.0	-
537804.0	58.1	11	1	1170.0	-	-
759992.0	71.7	11	2	1771.0	1099.0	-
62956.0	81.4	11	2	1191.0	1792.0	-
286483.0	61.6	11	1	1778.0	-	-
509115.0	72.7	11	2	1812.0	1432.0	-

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

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5279	5316	5263	5321	5571
5	5530	5724	5626	5668	5603
10	5400	5624	5361	5474	5675
15	5595	5458	5546	5254	5292
20	5275	5460	5478	5340	5542
25	5549	5313	5435	5605	5346
30	5614	5452	5297	5395	5557
35	5446	5482	5436	5540	5355
40	5461	5251	5301	5670	5484
45	5514	5551	5582	5592	5587
50	5552	5334	5291	5625	5568
55	5578	5713	5425	5660	5580
60	5345	5304	5260	5256	5524
65	5627	5296	5596	5428	5701
70	5457	5536	5543	5267	5574
75	5289	5597	5412	5706	5370
80	5479	5374	5688	5354	5503
85	5593	5494	5358	5716	5357
90	5407	5295	5493	5679	5468
95	5680	5404	5477	5266	5613

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5534	5652	5296	5482	5413
5	5572	5649	5701	5356	5335
10	5709	5510	5499	5669	5696
15	5691	5722	5630	5406	5263
20	5262	5361	5313	5549	5451
25	5606	5491	5277	5417	5469
30	5647	5332	5571	5570	5449
35	5690	5437	5717	5635	5350
40	5379	5557	5293	5604	5723
45	5608	5650	5567	5475	5372
50	5468	5288	5603	5423	5589
55	5472	5281	5532	5428	5719
60	5612	5724	5664	5654	5470
65	5353	5720	5632	5260	5496
70	5638	5705	5529	5270	5670
75	5453	5566	5667	5687	5525
80	5314	5373	5351	5435	5554
85	5605	5702	5301	5527	5464
90	5577	5319	5459	5697	5375
95	5619	5569	5624	5553	5684

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5314	5416	5707	5643	5633
5	5614	5671	5301	5519	5639
10	5640	5299	5540	5389	5717
15	5304	5374	5258	5451	5455
20	5648	5527	5254	5541	5424
25	5494	5343	5480	5521	5503
30	5311	5696	5528	5310	5698
35	5413	5360	5513	5410	5361
40	5693	5262	5706	5369	5720
45	5537	5630	5650	5533	5657
50	5259	5344	5464	5654	5609
55	5412	5469	5486	5618	5441
60	5505	5266	5675	5669	5496
65	5651	5571	5470	5388	5302
70	5612	5370	5429	5682	5438
75	5555	5335	5668	5699	5411
80	5478	5436	5348	5291	5309
85	5517	5645	5721	5281	5425
90	5307	5346	5589	5336	5514
95	5303	5273	5602	5722	5622

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5569	5655	5643	5707	5475
5	5278	5596	5376	5585	5371
10	5571	5563	5581	5487	5263
15	5295	5501	5361	5496	5647
20	5656	5670	5630	5397	5285
25	5683	5625	5537	5353	5485
30	5525	5375	5708	5499	5619
35	5406	5275	5532	5345	5644
40	5609	5717	5369	5610	5258
45	5591	5613	5524	5695	5640
50	5705	5698	5710	5657	5440
55	5333	5260	5476	5395	5365
60	5711	5328	5403	5362	5377
65	5618	5607	5302	5658	5719
70	5374	5598	5373	5271	5405
75	5641	5407	5675	5381	5649
80	5554	5712	5667	5642	5486
85	5309	5691	5577	5265	5529
90	5720	5261	5313	5498	5606
95	5287	5646	5350	5587	5502

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5252	5419	5579	5393	5695
5	5320	5618	5451	5273	5578
10	5405	5352	5622	5682	5284
15	5383	5531	5464	5444	5461
20	5664	5287	5708	5370	5648
25	5619	5314	5351	5571	5395
30	5442	5265	5624	5431	5541
35	5710	5677	5716	5371	5428
40	5485	5374	5336	5298	5590
45	5341	5552	5666	5411	5474
50	5281	5312	5436	5394	5523
55	5554	5447	5524	5530	5656
60	5635	5704	5675	5567	5546
65	5512	5453	5522	5543	5584
70	5473	5595	5381	5600	5376
75	5630	5331	5347	5448	5709
80	5562	5720	5681	5687	5533
85	5540	5457	5271	5251	5302
90	5443	5426	5416	5532	5488
95	5544	5463	5310	5337	5714

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5507	5658	5515	5554	5537
5	5362	5543	5526	5436	5407
10	5336	5616	5663	5402	5305
15	5471	5567	5489	5653	5575
20	5356	5649	5711	5343	5439
25	5517	5455	5605	5437	5460
30	5399	5383	5301	5251	5680
35	5423	5473	5491	5675	5307
40	5511	5333	5702	5570	5424
45	5610	5719	5676	5350	5332
50	5401	5259	5529	5558	5348
55	5713	5276	5321	5695	5601
60	5467	5530	5351	5516	5582
65	5344	5345	5325	5615	5476
70	5444	5357	5559	5723	5440
75	5611	5583	5360	5704	5398
80	5722	5717	5590	5472	5600
85	5550	5263	5591	5422	5469
90	5370	5484	5679	5352	5442
95	5556	5508	5432	5451	5514

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5287	5422	5451	5715	5282
5	5501	5565	5601	5599	5614
10	5645	5502	5704	5597	5326
15	5559	5310	5573	5534	5370
20	5583	5522	5590	5703	5316
25	5327	5420	5720	5639	5576
30	5349	5356	5598	5550	5546
35	5344	5514	5366	5644	5589
40	5621	5691	5361	5330	5453
45	5507	5668	5297	5563	5701
50	5693	5383	5490	5557	5473
55	5649	5302	5331	5570	5292
60	5685	5385	5643	5396	5602
65	5465	5618	5554	5615	5506
70	5309	5653	5293	5333	5518
75	5692	5463	5713	5592	5263
80	5470	5485	5562	5714	5314
85	5269	5579	5256	5323	5461
90	5281	5428	5503	5630	5259
95	5336	5437	5324	5659	5328

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5542	5661	5387	5401	5599
5	5543	5490	5676	5287	5346
10	5576	5291	5270	5317	5347
15	5550	5437	5579	5562	5591
20	5628	5289	5690	5272	5448
25	5663	5673	5618	5335	5313
30	5338	5702	5269	5386	5605
35	5637	5322	5503	5460	5299
40	5522	5327	5463	5433	5590
45	5629	5350	5353	5577	5297
50	5434	5380	5320	5362	5256
55	5521	5389	5263	5339	5588
60	5703	5279	5340	5425	5511
65	5557	5507	5309	5381	5639
70	5617	5687	5477	5564	5583
75	5284	5573	5515	5580	5266
80	5251	5373	5711	5413	5493
85	5253	5623	5461	5544	5685
90	5571	5281	5446	5440	5512
95	5465	5518	5314	5303	5526

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5700	5425	5323	5562	5344
5	5585	5512	5276	5353	5650
10	5507	5555	5311	5415	5465
15	5638	5564	5304	5527	5279
20	5502	5282	5569	5309	5262
25	5481	5599	5651	5389	5707
30	5660	5699	5270	5553	5476
35	5525	5696	5433	5572	5514
40	5299	5382	5712	5287	5324
45	5295	5413	5673	5687	5403
50	5715	5356	5473	5485	5290
55	5678	5264	5550	5685	5711
60	5683	5709	5468	5533	5535
65	5580	5286	5626	5460	5593
70	5596	5302	5587	5625	5679
75	5369	5663	5436	5703	5427
80	5292	5522	5318	5708	5608
85	5396	5570	5586	5653	5412
90	5261	5479	5611	5440	5474
95	5297	5574	5401	5390	5724

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5480	5664	5259	5723	5661
5	5627	5437	5351	5516	5382
10	5341	5344	5449	5610	5486
15	5251	5594	5407	5572	5471
20	5510	5448	5398	5710	5369
25	5548	5379	5493	5266	5324
30	5685	5702	5671	5628	5287
35	5312	5704	5250	5428	5613
40	5562	5650	5430	5321	5699
45	5393	5281	5270	5359	5505
50	5707	5649	5536	5404	5586
55	5263	5639	5426	5405	5583
60	5597	5478	5367	5503	5409
65	5629	5390	5622	5708	5682
70	5693	5395	5348	5570	5632
75	5544	5703	5303	5482	5596
80	5705	5328	5396	5412	5646
85	5273	5377	5690	5495	5677
90	5301	5543	5411	5654	5683
95	5552	5424	5385	5606	5618

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5260	5428	5670	5312	5406
5	5291	5459	5426	5679	5589
10	5272	5608	5490	5330	5507
15	5339	5721	5510	5617	5663
20	5518	5517	5548	5390	5683
25	5635	5400	5485	5597	5300
30	5366	5574	5659	5411	5402
35	5582	5328	5403	5342	5549
40	5645	5588	5415	5628	5373
45	5364	5706	5412	5392	5583
50	5350	5587	5468	5702	5530
55	5451	5593	5616	5699	5554
60	5251	5570	5520	5296	5329
65	5653	5650	5358	5568	5638
70	5464	5668	5316	5694	5685
75	5542	5615	5354	5374	5613
80	5321	5338	5559	5646	5605
85	5620	5299	5351	5609	5465
90	5720	5266	5268	5497	5466
95	5445	5536	5695	5666	5479

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5515	5667	5606	5473	5723
5	5333	5384	5501	5367	5418
10	5678	5494	5531	5525	5528
15	5330	5373	5516	5662	5380
20	5429	5683	5489	5479	5656
25	5523	5349	5688	5701	5712
30	5408	5463	5616	5626	5554
35	5305	5370	5591	5393	5653
40	5353	5388	5253	5435	5412
45	5460	5447	5289	5465	5657
50	5362	5526	5638	5654	5377
55	5639	5450	5331	5518	5260
60	5603	5252	5696	5307	5604
65	5470	5259	5374	5680	5310
70	5391	5313	5721	5491	5284
75	5594	5476	5351	5340	5335
80	5722	5602	5677	5668	5669
85	5560	5685	5695	5631	5555
90	5382	5321	5329	5534	5402
95	5500	5699	5298	5484	5277

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5295	5431	5542	5634	5468
5	5375	5406	5576	5433	5625
10	5512	5283	5572	5720	5549
15	5418	5500	5619	5610	5669
20	5437	5277	5430	5568	5629
25	5314	5676	5416	5330	5271
30	5547	5449	5573	5366	5328
35	5600	5509	5682	5664	5331
40	5267	5702	5336	5367	5675
45	5409	5389	5333	5530	5347
50	5518	5544	5713	5689	5268
55	5348	5321	5352	5404	5521
60	5715	5496	5412	5425	5410
65	5435	5553	5642	5674	5256
70	5543	5680	5626	5652	5460
75	5666	5313	5567	5272	5690
80	5611	5575	5253	5461	5596
85	5402	5407	5599	5535	5677
90	5510	5632	5649	5289	5515
95	5561	5678	5438	5700	5589

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5453	5670	5478	5320	5310
5	5417	5331	5651	5596	5357
10	5443	5547	5613	5343	5570
15	5506	5530	5722	5655	5386
20	5445	5468	5560	5602	5677
25	5528	5619	5531	5305	5589
30	5338	5484	5480	5420	5648
35	5298	5557	5656	5541	5516
40	5406	5696	5691	5308	5571
45	5334	5403	5265	5549	5643
50	5358	5614	5534	5370	5590
55	5355	5267	5379	5588	5400
60	5680	5579	5512	5421	5455
65	5629	5274	5413	5467	5446
70	5706	5659	5256	5473	5556
75	5505	5377	5566	5470	5255
80	5580	5449	5595	5469	5700
85	5537	5713	5486	5664	5450
90	5463	5717	5644	5418	5295
95	5361	5430	5483	5426	5344

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5708	5434	5414	5481	5530
5	5556	5353	5251	5284	5661
10	5374	5336	5654	5538	5591
15	5594	5657	5350	5700	5578
20	5356	5512	5409	5649	5575
25	5565	5477	5347	5635	5339
30	5631	5702	5487	5699	5254
35	5618	5690	5389	5259	5667
40	5599	5718	5583	5403	5625
45	5671	5696	5366	5624	5465
50	5579	5316	5446	5372	5587
55	5312	5329	5341	5670	5280
60	5397	5574	5302	5698	5629
65	5615	5722	5313	5258	5701
70	5260	5416	5422	5665	5531
75	5376	5519	5537	5282	5584
80	5633	5255	5533	5593	5450
85	5483	5291	5655	5564	5386
90	5310	5651	5387	5345	5559
95	5499	5668	5340	5681	5521

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5488	5673	5350	5642	5372
5	5598	5278	5326	5447	5393
10	5683	5600	5695	5258	5612
15	5585	5309	5453	5648	5295
20	5364	5678	5641	5548	5356
25	5329	5264	5373	5688	5444
30	5439	5406	5438	5354	5480
35	5624	5412	5581	5316	5682
40	5656	5348	5497	5554	5651
45	5304	5424	5580	5486	5719
50	5280	5367	5632	5670	5434
55	5344	5266	5519	5647	5312
60	5324	5445	5342	5503	5603
65	5577	5578	5583	5536	5395
70	5721	5516	5640	5398	5500
75	5399	5662	5518	5534	5694
80	5414	5419	5596	5493	5267
85	5483	5705	5618	5281	5254
90	5558	5256	5341	5676	5421
95	5702	5571	5279	5566	5697

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5268	5534	5286	5328	5592
5	5640	5300	5401	5513	5600
10	5614	5389	5261	5453	5633
15	5673	5436	5459	5693	5487
20	5372	5272	5291	5255	5521
25	5719	5278	5656	5368	5407
30	5337	5577	5654	5655	5636
35	5493	5668	5420	5565	5495
40	5630	5290	5594	5491	5494
45	5386	5631	5387	5385	5373
50	5595	5456	5418	5721	5378
55	5532	5695	5709	5369	5283
60	5610	5287	5335	5429	5523
65	5722	5527	5590	5289	5717
70	5467	5707	5519	5489	5374
75	5583	5708	5499	5311	5670
80	5281	5490	5462	5547	5678
85	5376	5694	5659	5331	5551
90	5506	5682	5358	5680	5390
95	5334	5464	5676	5264	5699

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5426	5298	5697	5489	5434
5	5682	5700	5476	5676	5332
10	5448	5275	5399	5551	5654
15	5286	5563	5562	5263	5679
20	5283	5438	5329	5722	5494
25	5510	5605	5384	5569	5441
30	5379	5466	5358	5297	5429
35	5456	5632	5284	5313	5340
40	5506	5469	5470	5532	5256
45	5491	5315	5611	5443	5686
50	5638	5471	5335	5694	5720
55	5649	5424	5663	5485	5300
60	5707	5642	5352	5529	5596
65	5270	5520	5636	5619	5716
70	5350	5542	5341	5639	5376
75	5480	5342	5548	5650	5344
80	5487	5657	5289	5389	5641
85	5568	5710	5482	5274	5574
90	5688	5392	5369	5314	5407
95	5362	5558	5367	5422	5709

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5681	5537	5633	5553	5654
5	5346	5722	5551	5364	5636
10	5379	5539	5440	5271	5675
15	5374	5593	5665	5308	5396
20	5291	5507	5270	5336	5467
25	5398	5457	5587	5673	5475
30	5421	5452	5315	5512	5581
35	5674	5375	5584	5493	5420
40	5470	5496	5488	5622	5591
45	5501	5264	5525	5347	5333
50	5520	5424	5517	5644	5433
55	5603	5614	5482	5465	5274
60	5474	5653	5425	5565	5331
65	5540	5323	5708	5301	5326
70	5688	5284	5519	5558	5718
75	5329	5339	5407	5484	5377
80	5289	5328	5701	5285	5527
85	5664	5255	5569	5316	5629
90	5444	5532	5357	5717	5454
95	5352	5651	5448	5431	5403

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5461	5301	5569	5714	5496
5	5388	5647	5626	5527	5368
10	5310	5328	5481	5466	5696
15	5462	5720	5293	5256	5588
20	5299	5673	5686	5440	5664
25	5406	5315	5302	5509	5560
30	5341	5272	5252	5355	5474
35	5338	5380	5646	5334	5719
40	5636	5311	5261	5485	5551
45	5559	5317	5601	5571	5513
50	5340	5491	5524	5557	5329
55	5679	5574	5268	5630	5694
60	5306	5576	5458	5472	5374
65	5638	5432	5402	5287	5625
70	5414	5680	5460	5657	5404
75	5565	5539	5495	5465	5585
80	5503	5567	5572	5667	5645
85	5395	5715	5292	5429	5322
90	5363	5511	5435	5538	5499
95	5516	5255	5419	5573	5424

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5716	5540	5505	5400	5430
5	5669	5701	5593	5575	5619
10	5592	5522	5661	5717	5453
15	5372	5396	5301	5402	5685
20	5364	5724	5417	5413	5552
25	5258	5421	5406	5543	5602
30	5327	5704	5467	5507	5294
35	5477	5557	5273	5723	5558
40	5341	5404	5579	5480	5454
45	5719	5520	5370	5677	5622
50	5699	5638	5435	5712	5511
55	5422	5498	5545	5397	5320
60	5639	5710	5673	5323	5373
65	5702	5474	5250	5263	5656
70	5419	5529	5427	5708	5272
75	5366	5667	5630	5381	5389
80	5570	5487	5572	5360	5276
85	5587	5594	5328	5300	5393
90	5544	5555	5554	5597	5628
95	5398	5676	5403	5342	5618

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5496	5304	5441	5561	5558
5	5472	5691	5679	5281	5404
10	5550	5381	5563	5263	5541
15	5499	5402	5346	5594	5693
20	5433	5665	5409	5386	5440
25	5682	5624	5607	5577	5644
30	5661	5585	5492	5519	5648
35	5544	5574	5259	5397	5424
40	5662	5576	5312	5434	5327
45	5578	5423	5467	5353	5673
50	5313	5364	5282	5425	5465
55	5612	5317	5419	5526	5485
60	5681	5542	5703	5447	5272
65	5680	5497	5643	5356	5253
70	5587	5632	5378	5498	5547
75	5279	5501	5524	5685	5622
80	5584	5570	5426	5687	5667
85	5720	5310	5284	5334	5653
90	5556	5572	5609	5581	5377
95	5458	5517	5615	5337	5461

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5654	5543	5377	5722	5303
5	5611	5616	5279	5444	5481
10	5267	5604	5479	5284	5629
15	5626	5505	5391	5311	5701
20	5599	5606	5498	5359	5706
25	5534	5352	5711	5308	5580
30	5618	5325	5433	5312	5658
35	5361	5340	5252	5648	5507
40	5600	5409	5573	5716	5414
45	5636	5379	5354	5704	5562
50	5724	5402	5662	5613	5419
55	5327	5390	5655	5650	5374
60	5393	5697	5696	5515	5415
65	5389	5388	5715	5342	5353
70	5339	5608	5337	5467	5667
75	5422	5482	5679	5698	5403
80	5423	5281	5375	5304	5473
85	5268	5272	5384	5668	5674
90	5297	5508	5449	5437	5271
95	5535	5665	5589	5664	5565

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5434	5307	5313	5408	5620
5	5653	5638	5354	5607	5343
10	5315	5531	5645	5674	5305
15	5717	5656	5608	5339	5503
20	5709	5668	5644	5490	5332
25	5594	5386	5555	5340	5350
30	5566	5575	5540	5682	5510
35	5322	5452	5611	5502	5562
40	5647	5590	5538	5649	5570
45	5548	5394	5597	5432	5619
50	5483	5263	5300	5491	5485
55	5326	5276	5517	5333	5361
60	5687	5571	5681	5520	5551
65	5722	5659	5666	5312	5328
70	5356	5663	5584	5296	5468
75	5463	5456	5587	5441	5372
80	5499	5473	5710	5576	5536
85	5250	5545	5614	5443	5320
90	5299	5703	5719	5646	5713
95	5379	5707	5564	5327	5428

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5689	5546	5724	5569	5365
5	5695	5563	5429	5673	5647
10	5721	5320	5686	5394	5326
15	5708	5308	5711	5384	5620
20	5359	5585	5579	5305	5385
25	5335	5283	5444	5679	5392
30	5455	5532	5280	5330	5461
35	5543	5504	5655	5573	5486
40	5295	5476	5317	5567	5477
45	5374	5485	5506	5439	5254
50	5677	5492	5514	5705	5707
55	5627	5332	5341	5505	5516
60	5610	5278	5382	5594	5587
65	5457	5551	5469	5481	5411
70	5456	5512	5463	5255	5432
75	5611	5443	5440	5276	5369
80	5694	5376	5524	5671	5501
85	5696	5526	5304	5449	5339
90	5311	5720	5299	5630	5595
95	5613	5577	5301	5322	5271

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5469	5310	5660	5633	5682
5	5262	5585	5504	5361	5379
10	5652	5584	5349	5589	5347
15	5321	5435	5339	5429	5412
20	5628	5428	5526	5571	5278
25	5273	5662	5389	5645	5713
30	5531	5344	5489	5398	5608
35	5528	5503	5634	5300	5333
40	5487	5325	5378	5414	5557
45	5661	5406	5257	5281	5538
50	5296	5710	5615	5305	5291
55	5509	5702	5659	5422	5446
60	5681	5470	5670	5558	5442
65	5676	5328	5544	5543	5289
70	5346	5272	5553	5397	5459
75	5439	5689	5655	5455	5657
80	5425	5485	5456	5696	5343
85	5567	5366	5511	5279	5258
90	5388	5369	5276	5462	5420
95	5354	5614	5690	5574	5716

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5627	5549	5596	5319	5427
5	5401	5510	5579	5524	5586
10	5486	5373	5390	5309	5368
15	5409	5562	5345	5377	5604
20	5636	5594	5564	5660	5251
25	5539	5611	5592	5274	5272
30	5573	5330	5446	5613	5285
35	5348	5642	5250	5571	5583
40	5639	5461	5352	5322	5658
45	5713	5712	5364	5674	5591
50	5489	5316	5356	5380	5332
55	5283	5318	5612	5643	5652
60	5599	5360	5503	5502	5270
65	5492	5499	5616	5453	5722
70	5383	5559	5588	5415	5648
75	5624	5575	5325	5406	5262
80	5566	5477	5507	5252	5266
85	5706	5279	5305	5696	5483
90	5334	5684	5717	5544	5634
95	5310	5344	5529	5695	5456

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5407	5313	5532	5480	5269
5	5443	5654	5687	5415	5417
10	5259	5431	5389	5497	5689
15	5448	5422	5418	5547	5663
20	5505	5652	5699	5427	5463
25	5320	5378	5306	5615	5694
30	5403	5353	5534	5643	5438
35	5464	5261	5412	5478	5641
40	5668	5465	5655	5642	5692
45	5447	5257	5644	5365	5492
50	5469	5630	5605	5506	5567
55	5705	5462	5623	5253	5525
60	5581	5425	5695	5471	5441
65	5598	5331	5508	5256	5319
70	5369	5562	5437	5391	5607
75	5496	5468	5484	5514	5579
80	5258	5671	5315	5263	5426
85	5657	5622	5281	5675	5677
90	5638	5490	5364	5324	5564
95	5722	5701	5541	5393	5679

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5662	5552	5468	5641	5489
5	5485	5457	5254	5375	5622
10	5251	5523	5472	5602	5410
15	5488	5719	5551	5467	5610
20	5555	5354	5446	5266	5672
25	5315	5482	5340	5279	5583
30	5360	5568	5686	5366	5445
35	5529	5260	5414	5326	5724
40	5606	5705	5652	5474	5530
45	5600	5335	5716	5668	5458
50	5655	5453	5549	5694	5521
55	5420	5281	5594	5285	5690
60	5393	5413	5263	5294	5390
65	5537	5638	5303	5534	5452
70	5565	5286	5367	5566	5465
75	5514	5669	5689	5378	5621
80	5560	5464	5392	5642	5562
85	5570	5486	5650	5519	5663
90	5384	5317	5613	5513	5674
95	5302	5288	5330	5271	5526

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5442	5316	5404	5327	5331
5	5624	5479	5329	5441	5354
10	5657	5312	5513	5322	5431
15	5576	5371	5654	5512	5563
20	5423	5387	5258	5645	5581
25	5264	5251	5683	5374	5321
30	5569	5317	5686	5460	5661
35	5487	5620	5531	5664	5715
40	5253	5332	5544	5470	5649
45	5403	5652	5613	5276	5653
50	5600	5592	5369	5509	5269
55	5396	5407	5475	5610	5575
60	5468	5414	5380	5435	5342
65	5552	5684	5495	5339	5573
70	5373	5670	5337	5560	5438
75	5665	5343	5525	5434	5363
80	5446	5324	5295	5427	5257
85	5304	5510	5643	5511	5382
90	5693	5368	5662	5574	5282
95	5296	5556	5336	5608	5411

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/05		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5569	1	5569	1	5537	1	5537	1
1	5540	1	5506	1	5550	1	5534	1
2	5520	1	5510	1	5519	1	5543	1
3	5567	1	5500	1	5506	1	5496	1
4	5500	1	5532	1	5556	1	5490	1
5	5494	1	5544	1	5528	0	5504	1
6	5545	1	5490	1	5534	1	5545	1
7	5555	1	5493	1	5545	1	5545	1
8	5527	1	5568	1	5536	1	5511	1
9	5517	1	5502	1	5550	1	5524	1
10	5491	1	5528	1	5562	1	5554	1
11	5512	1	5532	1	5570	1	5550	0
12	5512	1	5498	1	5528	1	5508	1
13	5539	1	5493	1	5519	1	5519	1
14	5491	1	5534	1	5528	0	5539	1
15	5533	1	5530	1	5517	1	5530	1
16	5570	1	5552	1	5552	1	5528	1
17	5520	1	5493	1	5553	1	5565	1
18	5567	1	5512	1	5515	1	5500	1
19	5501	1	5534	1	5559	1	5548	1
20	5546	1	5544	1	5530	1	5503	1
21	5526	1	5542	1	5490	1	5495	1
22	5530	1	5570	1	5534	1	5563	1
23	5492	1	5549	1	5548	1	5526	1
24	5501	1	5514	1	5495	1	5514	1
25	5517	1	5536	1	5561	1	5544	1
26	5507	1	5494	1	5491	1	5570	0
27	5490	1	5521	1	5535	1	5552	1

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
28	5513	1	5491	1	5550	1	5508	0
29	5515	1	5554	1	5549	1	5519	1
Probability:	100.0%		100.0%		93.3%		90.0%	
Aggregate:	**95.8% (>80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	3066.0	18	55188.0
Download	1	Type 1	1.0	718.0	74	53132.0
Download	2	Type 1	1.0	818.0	65	53170.0
Download	3	Type 1	1.0	778.0	68	52904.0
Download	4	Type 1	1.0	698.0	76	53048.0
Download	5	Type 1	1.0	918.0	58	53244.0
Download	6	Type 1	1.0	578.0	92	53176.0
Download	7	Type 1	1.0	658.0	81	53298.0
Download	8	Type 1	1.0	538.0	99	53262.0
Download	9	Type 1	1.0	618.0	86	53148.0
Download	10	Type 1	1.0	598.0	89	53222.0
Download	11	Type 1	1.0	638.0	83	52954.0
Download	12	Type 1	1.0	838.0	63	52794.0
Download	13	Type 1	1.0	758.0	70	53060.0
Download	14	Type 1	1.0	558.0	95	53010.0
Download	15	Type 1	1.0	1983.0	27	53541.0
Download	16	Type 1	1.0	819.0	65	53235.0
Download	17	Type 1	1.0	1634.0	33	53922.0
Download	18	Type 1	1.0	606.0	88	53328.0
Download	19	Type 1	1.0	1263.0	42	53046.0
Download	20	Type 1	1.0	2862.0	19	54378.0
Download	21	Type 1	1.0	2796.0	19	53124.0
Download	22	Type 1	1.0	1200.0	44	52800.0
Download	23	Type 1	1.0	3018.0	18	54324.0
Download	24	Type 1	1.0	1318.0	41	54038.0
Download	25	Type 1	1.0	1840.0	29	53360.0
Download	26	Type 1	1.0	2495.0	22	54890.0
Download	27	Type 1	1.0	2898.0	19	55062.0
Download	28	Type 1	1.0	3001.0	18	54018.0
Download	29	Type 1	1.0	1090.0	49	53410.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	1.7	195.0	24	4680.0
Download	1	Type 2	2.3	178.0	25	4450.0
Download	2	Type 2	3.7	162.0	27	4374.0
Download	3	Type 2	3.2	213.0	26	5538.0
Download	4	Type 2	4.3	171.0	28	4788.0
Download	5	Type 2	4.6	165.0	29	4785.0
Download	6	Type 2	3.4	169.0	27	4563.0
Download	7	Type 2	2.9	173.0	26	4498.0
Download	8	Type 2	1.0	152.0	23	3496.0
Download	9	Type 2	1.2	172.0	23	3956.0
Download	10	Type 2	2.8	183.0	26	4758.0
Download	11	Type 2	3.3	197.0	27	5319.0
Download	12	Type 2	4.1	205.0	28	5740.0
Download	13	Type 2	2.8	187.0	26	4862.0
Download	14	Type 2	2.4	150.0	25	3750.0
Download	15	Type 2	3.1	221.0	26	5746.0
Download	16	Type 2	3.6	166.0	27	4482.0
Download	17	Type 2	5.0	201.0	29	5829.0
Download	18	Type 2	4.9	219.0	29	6351.0
Download	19	Type 2	3.1	207.0	26	5382.0
Download	20	Type 2	1.3	206.0	23	4738.0
Download	21	Type 2	4.6	176.0	29	5104.0
Download	22	Type 2	3.3	156.0	27	4212.0
Download	23	Type 2	3.0	226.0	26	5876.0
Download	24	Type 2	3.5	191.0	27	5157.0
Download	25	Type 2	2.1	203.0	24	4872.0
Download	26	Type 2	4.6	193.0	29	5597.0
Download	27	Type 2	1.7	179.0	24	4296.0
Download	28	Type 2	3.4	208.0	27	5616.0
Download	29	Type 2	4.9	192.0	29	5568.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	6.7	451.0	16	7216.0
Download	1	Type 3	7.3	303.0	17	5151.0
Download	2	Type 3	8.7	232.0	18	4176.0
Download	3	Type 3	8.2	325.0	17	5525.0
Download	4	Type 3	9.3	397.0	18	7146.0
Download	5	Type 3	9.6	250.0	18	4500.0
Download	6	Type 3	8.4	291.0	17	4947.0
Download	7	Type 3	7.9	369.0	17	6273.0
Download	8	Type 3	6.0	203.0	16	3248.0
Download	9	Type 3	6.2	358.0	16	5728.0
Download	10	Type 3	7.8	353.0	17	6001.0
Download	11	Type 3	8.3	490.0	17	8330.0
Download	12	Type 3	9.1	271.0	18	4878.0
Download	13	Type 3	7.8	222.0	17	3774.0
Download	14	Type 3	7.4	304.0	17	5168.0
Download	15	Type 3	8.1	486.0	17	8262.0
Download	16	Type 3	8.6	417.0	17	7089.0
Download	17	Type 3	10.0	376.0	18	6768.0
Download	18	Type 3	9.9	488.0	18	8784.0
Download	19	Type 3	8.1	394.0	17	6698.0
Download	20	Type 3	6.3	500.0	16	8000.0
Download	21	Type 3	9.6	206.0	18	3708.0
Download	22	Type 3	8.3	463.0	17	7871.0
Download	23	Type 3	8.0	225.0	17	3825.0
Download	24	Type 3	8.5	467.0	17	7939.0
Download	25	Type 3	7.1	370.0	16	5920.0
Download	26	Type 3	9.6	318.0	18	5724.0
Download	27	Type 3	6.7	419.0	16	6704.0
Download	28	Type 3	8.4	299.0	17	5083.0
Download	29	Type 3	9.9	208.0	18	3744.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	12.5	451.0	12	5412.0
Download	1	Type 4	14.0	303.0	13	3939.0
Download	2	Type 4	17.1	232.0	15	3480.0
Download	3	Type 4	15.9	325.0	14	4550.0
Download	4	Type 4	18.4	397.0	16	6352.0
Download	5	Type 4	19.0	250.0	16	4000.0
Download	6	Type 4	16.3	291.0	14	4074.0
Download	7	Type 4	15.3	369.0	14	5166.0
Download	8	Type 4	11.0	203.0	12	2436.0
Download	9	Type 4	11.6	358.0	12	4296.0
Download	10	Type 4	15.0	353.0	14	4942.0
Download	11	Type 4	16.3	490.0	14	6860.0
Download	12	Type 4	17.9	271.0	15	4065.0
Download	13	Type 4	15.0	222.0	14	3108.0
Download	14	Type 4	14.2	304.0	13	3952.0
Download	15	Type 4	15.8	486.0	14	6804.0
Download	16	Type 4	16.8	417.0	15	6255.0
Download	17	Type 4	19.9	376.0	16	6016.0
Download	18	Type 4	19.8	488.0	16	7808.0
Download	19	Type 4	15.6	394.0	14	5516.0
Download	20	Type 4	11.8	500.0	12	6000.0
Download	21	Type 4	19.1	206.0	16	3296.0
Download	22	Type 4	16.2	463.0	14	6482.0
Download	23	Type 4	15.4	225.0	14	3150.0
Download	24	Type 4	16.7	467.0	15	7005.0
Download	25	Type 4	13.4	370.0	13	4810.0
Download	26	Type 4	19.1	318.0	16	5088.0
Download	27	Type 4	12.7	419.0	12	5028.0
Download	28	Type 4	16.4	299.0	15	4485.0
Download	29	Type 4	19.7	208.0	16	3328.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5530	1	15	5495.2	1
1	5530	1	16	5496	1
2	5530	1	17	5498	1
3	5530	1	18	5498	1
4	5530	1	19	5495.2	1
5	5530	1	20	5567.6	1
6	5530	1	21	5562.4	1
7	5530	0	22	5564.4	1
8	5530	1	23	5565.2	1
9	5530	1	24	5564	1
10	5494.8	1	25	5566.4	1
11	5495.6	1	26	5562.4	1
12	5496.8	1	27	5566.8	1
13	5494.8	1	28	5564.4	1
14	5494	1	29	5562	1
Detection Percentage (%)			**96.7%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
496708.0	58.6	7	1	1777.0	-	-
786107.0	66.9	7	2	1727.0	1888.0	-
1075612.0	84.0	7	3	1039.0	1369.0	1936.0
170147.0	77.3	7	2	1601.0	1281.0	-
459827.0	90.7	7	3	1755.0	1040.0	1801.0
749206.0	94.4	7	3	1947.0	1706.0	1811.0
1040541.0	79.6	7	2	1946.0	1652.0	-
134385.0	74.1	7	2	1329.0	1544.0	-
425220.0	50.1	7	1	1482.0	-	-
715597.0	53.4	7	1	1987.0	-	-

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)
837614.0	72.2	10	2	1234.0	1429.0	-
82135.0	79.2	10	2	1323.0	1683.0	-
323254.0	88.0	10	3	1519.0	1910.0	1680.0
565777.0	72.2	10	2	1173.0	1767.0	-
807710.0	67.7	10	2	1782.0	1016.0	-
52345.0	76.6	10	2	1368.0	1736.0	-
294286.0	81.9	10	2	1216.0	1336.0	-
535076.0	99.2	10	3	1569.0	1880.0	1192.0
776425.0	98.4	10	3	1089.0	1754.0	1871.0
22582.0	75.8	10	2	1189.0	1093.0	-
264825.0	54.8	10	1	1282.0	-	-
505398.0	94.7	10	3	1828.0	1195.0	1504.0

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)
560332.0	78.9	15	2	1764.0	1354.0	-
741894.0	74.7	15	2	1230.0	1465.0	-
175778.0	81.4	15	2	1890.0	1043.0	-
357532.0	63.5	15	1	1746.0	-	-
536578.0	94.8	15	3	1459.0	1971.0	1688.0
720556.0	59.7	15	1	1670.0	-	-
153333.0	80.0	15	2	1693.0	1856.0	-
333885.0	98.4	15	3	1835.0	1528.0	1272.0
517043.0	56.4	15	1	1182.0	-	-
695711.0	89.4	15	3	1591.0	1075.0	1672.0
130805.0	99.7	15	3	1773.0	1316.0	1762.0
311455.0	92.5	15	3	1774.0	1605.0	1646.0
494639.0	60.3	15	1	1233.0	-	-
675891.0	61.3	15	1	1618.0	-	-
108792.0	75.7	15	2	1493.0	1654.0	-
289929.0	71.8	15	2	1968.0	1176.0	-

Type 5 Radar Waveform_3

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
503694.0	51.4	13	1	1411.0	-	-
697156.0	59.3	13	1	1666.0	-	-
92075.0	93.8	13	3	1805.0	1553.0	1480.0
284847.0	91.8	13	3	1725.0	1716.0	1620.0
479125.0	72.9	13	2	1134.0	1463.0	-
670570.0	99.6	13	3	1501.0	1488.0	1921.0
68519.0	75.9	13	2	1343.0	1170.0	-
262049.0	74.7	13	2	1164.0	1004.0	-
454099.0	96.5	13	3	1525.0	1733.0	1448.0
649308.0	60.8	13	1	1847.0	-	-
44650.0	67.1	13	2	1458.0	1862.0	-
238097.0	69.5	13	2	1497.0	1063.0	-
431617.0	75.8	13	2	1128.0	1219.0	-
625548.0	62.2	13	1	1741.0	-	-
20806.0	91.9	13	3	1034.0	1979.0	1980.0

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)
177721.0	83.8	18	3	1677.0	1864.0	1722.0
339989.0	62.0	18	1	1631.0	-	-
501673.0	64.0	18	1	1111.0	-	-
660318.0	88.0	18	3	1384.0	1200.0	1310.0
158753.0	59.2	18	1	1951.0	-	-
318960.0	96.0	18	3	1628.0	1311.0	1104.0
480720.0	77.2	18	2	1314.0	1275.0	-
639233.0	99.6	18	3	1319.0	1963.0	1942.0
138646.0	69.8	18	2	1443.0	1698.0	-
298673.0	94.1	18	3	1965.0	1821.0	1347.0
461820.0	51.8	18	1	1236.0	-	-
620046.0	97.0	18	3	1883.0	1597.0	1132.0
118878.0	82.9	18	2	1100.0	1739.0	-
279562.0	79.6	18	2	1776.0	1810.0	-
439627.0	95.6	18	3	1734.0	1450.0	1535.0
602979.0	61.8	18	1	1622.0	-	-
99234.0	56.3	18	1	1578.0	-	-
260501.0	50.9	18	1	1676.0	-	-

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)
399479.0	60.0	19	1	1752.0	-	-
550365.0	97.7	19	3	1472.0	1400.0	1009.0
74896.0	89.1	19	3	1086.0	1751.0	1106.0
227343.0	82.1	19	2	1898.0	1422.0	-
380921.0	63.0	19	1	1326.0	-	-
532291.0	71.7	19	2	1290.0	1790.0	-
56235.0	79.3	19	2	1235.0	1714.0	-
208352.0	98.9	19	3	1296.0	1191.0	1503.0
361811.0	56.7	19	1	1815.0	-	-
513665.0	67.1	19	2	1070.0	1827.0	-
37334.0	84.0	19	3	1583.0	1603.0	1796.0
189738.0	92.7	19	3	1126.0	1037.0	1381.0
343267.0	60.4	19	1	1320.0	-	-
494890.0	72.5	19	2	1867.0	1022.0	-
18614.0	94.3	19	3	1466.0	1602.0	1949.0
170654.0	97.5	19	3	1937.0	1403.0	1385.0
324220.0	65.8	19	1	1744.0	-	-
476222.0	80.4	19	2	1712.0	1027.0	-
626252.0	96.4	19	3	1449.0	1988.0	1785.0

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)
193129.0	73.4	14	2	1438.0	1707.0	-
387374.0	66.4	14	1	1119.0	-	-
579150.0	75.9	14	2	1975.0	1863.0	-
772705.0	74.3	14	2	1935.0	1428.0	-
169677.0	59.7	14	1	1485.0	-	-
362655.0	74.0	14	2	1681.0	1312.0	-
554811.0	97.8	14	3	1023.0	1638.0	1972.0
749118.0	71.0	14	2	1925.0	1213.0	-
145863.0	52.5	14	1	1256.0	-	-
338545.0	93.0	14	3	1371.0	1114.0	1214.0
531628.0	95.1	14	3	1360.0	1378.0	1028.0
726767.0	50.9	14	1	1540.0	-	-
121566.0	99.0	14	3	1358.0	1051.0	1695.0
315644.0	60.7	14	1	1454.0	-	-
508773.0	68.6	14	2	1145.0	1161.0	-

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)
753001.0	65.7	12	1	1786.0	-	-
105111.0	64.5	12	1	1658.0	-	-
312697.0	52.7	12	1	1374.0	-	-
519916.0	51.7	12	1	1920.0	-	-
724526.0	99.0	12	3	1959.0	1432.0	1831.0
79323.0	92.3	12	3	1327.0	1082.0	1732.0
286965.0	58.6	12	1	1868.0	-	-
494588.0	60.4	12	1	1537.0	-	-
699280.0	89.3	12	3	1649.0	1341.0	1982.0
54038.0	60.0	12	1	1001.0	-	-
261646.0	65.6	12	1	1112.0	-	-
468035.0	77.1	12	2	1902.0	1445.0	-
674050.0	83.6	12	3	1833.0	1457.0	1394.0
28389.0	79.4	12	2	1956.0	1225.0	-

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)
413333.0	52.7	5	1	1196.0	-	-
775218.0	85.4	5	3	1524.0	1771.0	1031.0
1140457.0	63.7	5	1	1052.0	-	-
5048.0	65.1	5	1	1717.0	-	-
368534.0	65.5	5	1	1291.0	-	-
731033.0	83.0	5	2	1560.0	1749.0	-
1093406.0	84.6	5	3	1060.0	1414.0	1684.0
1455894.0	84.2	5	3	1033.0	1901.0	1534.0

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)
323518.0	73.4	6	2	1415.0	1003.0	-
686221.0	79.3	6	2	1869.0	1657.0	-
1050446.0	58.1	6	1	1696.0	-	-
1414061.0	65.3	6	1	1453.0	-	-
278947.0	50.6	6	1	1514.0	-	-
641681.0	76.8	6	2	1211.0	1926.0	-
1005527.0	55.8	6	1	1931.0	-	-
1368959.0	61.6	6	1	1818.0	-	-

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)
144026.0	66.2	12	1	1478.0	-	-
366155.0	85.0	12	3	1606.0	1813.0	1538.0
589674.0	81.9	12	2	1816.0	1822.0	-
811873.0	91.9	12	3	1589.0	1430.0	1517.0
116454.0	56.8	12	1	1795.0	-	-
339235.0	79.7	12	2	1775.0	1804.0	-
561839.0	94.7	12	3	1552.0	1295.0	1391.0
787162.0	64.0	12	1	1340.0	-	-
88750.0	81.5	12	2	1823.0	1844.0	-
312359.0	54.0	12	1	1830.0	-	-
536088.0	64.7	12	1	1318.0	-	-
759081.0	55.9	12	1	2000.0	-	-
61180.0	86.7	12	3	1759.0	1636.0	1820.0

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)
246855.0	64.3	14	1	1599.0	-	-
438873.0	94.1	14	3	1851.0	1032.0	1651.0
630995.0	96.9	14	3	1861.0	1687.0	1998.0
29381.0	64.2	14	1	1183.0	-	-
222124.0	91.7	14	3	1669.0	1568.0	1509.0
415109.0	99.8	14	3	1866.0	1250.0	1418.0
610449.0	57.6	14	1	1375.0	-	-
5504.0	81.4	14	2	1632.0	1421.0	-
198551.0	85.8	14	3	1427.0	1036.0	1542.0
391376.0	83.5	14	3	1149.0	1793.0	1529.0
584965.0	77.8	14	2	1881.0	1708.0	-
776889.0	84.1	14	3	1280.0	1576.0	1993.0
175131.0	81.6	14	2	1224.0	1144.0	-
367439.0	91.2	14	3	1916.0	1117.0	1809.0
561671.0	73.5	14	2	1208.0	1673.0	-

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)
664892.0	93.7	17	3	1255.0	1588.0	1054.0
133039.0	83.6	17	3	1395.0	1543.0	1594.0
303241.0	91.7	17	3	1441.0	1431.0	1424.0
474733.0	81.9	17	2	1068.0	1249.0	-
646478.0	54.5	17	1	1109.0	-	-
112224.0	77.6	17	2	1878.0	1791.0	-
282505.0	93.8	17	3	1325.0	1373.0	1041.0
453698.0	80.7	17	2	1113.0	1229.0	-
622923.0	95.3	17	3	1634.0	1018.0	1274.0
91189.0	91.7	17	3	1030.0	1258.0	1825.0
261732.0	72.6	17	2	1474.0	1720.0	-
432282.0	73.1	17	2	1783.0	1207.0	-
601187.0	90.7	17	3	1697.0	1398.0	1724.0
70157.0	99.7	17	3	1747.0	1194.0	1841.0
240628.0	83.6	17	3	1156.0	1035.0	1328.0
412094.0	61.4	17	1	1604.0	-	-
581778.0	68.3	17	2	1877.0	1088.0	-

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)
64565.0	78.6	12	2	1885.0	1359.0	-
287136.0	97.6	12	3	1763.0	1778.0	1357.0
511871.0	59.0	12	1	1210.0	-	-
733364.0	85.2	12	3	1205.0	1468.0	1155.0
37172.0	61.2	12	1	1094.0	-	-
260713.0	51.1	12	1	1339.0	-	-
484236.0	59.0	12	1	1390.0	-	-
706640.0	77.1	12	2	1308.0	1559.0	-
9590.0	98.3	12	3	1731.0	1784.0	1239.0
232582.0	80.3	12	2	1852.0	1837.0	-
455661.0	80.4	12	2	1641.0	1850.0	-
680057.0	51.5	12	1	1637.0	-	-
903764.0	54.1	12	1	1404.0	-	-

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)
222771.0	57.7	10	1	1476.0	-	-
464326.0	75.2	10	2	1188.0	1617.0	-
705357.0	88.5	10	3	1808.0	1021.0	1133.0
947808.0	71.2	10	2	1344.0	1692.0	-
192571.0	70.4	10	2	1842.0	1548.0	-
434073.0	97.9	10	3	1285.0	1247.0	1334.0
677090.0	62.4	10	1	1768.0	-	-
918334.0	82.8	10	2	1080.0	1621.0	-
163119.0	51.4	10	1	1425.0	-	-
405425.0	59.0	10	1	1129.0	-	-
646377.0	70.5	10	2	1159.0	1983.0	-
889906.0	63.4	10	1	1167.0	-	-

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)
114150.0	51.6	13	1	1944.0	-	-
320947.0	72.5	13	2	1650.0	1932.0	-
528436.0	69.1	13	2	1567.0	1248.0	-
735681.0	76.7	13	2	1165.0	1600.0	-
88510.0	66.9	13	2	1352.0	1469.0	-
295593.0	81.7	13	2	1585.0	1575.0	-
503763.0	52.2	13	1	1372.0	-	-
709831.0	72.0	13	2	1409.0	1748.0	-
63118.0	59.5	13	1	1055.0	-	-
270709.0	55.4	13	1	1175.0	-	-
476268.0	84.0	13	3	1362.0	1486.0	1977.0
684564.0	82.1	13	2	1221.0	1630.0	-
37410.0	88.3	13	3	1046.0	1917.0	1127.0
244618.0	82.4	13	2	1073.0	1915.0	-

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)
395332.0	82.5	15	2	1177.0	1387.0	-
576534.0	82.6	15	2	1116.0	1545.0	-
10469.0	54.8	15	1	1148.0	-	-
192092.0	56.3	15	1	1136.0	-	-
372205.0	97.4	15	3	1927.0	1158.0	1077.0
554802.0	63.4	15	1	1860.0	-	-
734166.0	79.1	15	2	1992.0	1985.0	-
168926.0	91.1	15	3	1348.0	1806.0	1490.0
350024.0	83.9	15	3	1269.0	1532.0	1147.0
530878.0	97.4	15	3	1137.0	1635.0	1299.0
711580.0	84.6	15	3	1521.0	1549.0	1220.0
146901.0	69.4	15	2	1934.0	1479.0	-
327993.0	79.3	15	2	1919.0	1444.0	-
508831.0	85.7	15	3	1141.0	1376.0	1206.0
689629.0	99.1	15	3	1245.0	1609.0	1083.0
124326.0	85.5	15	3	1836.0	1719.0	1483.0

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)
244269.0	77.2	20	2	1892.0	1487.0	-
388007.0	88.5	20	3	1859.0	1228.0	1766.0
533140.0	88.6	20	3	1157.0	1510.0	1302.0
81693.0	71.8	20	2	1970.0	1797.0	-
227239.0	59.6	20	1	1287.0	-	-
371516.0	78.7	20	2	1026.0	1756.0	-
514928.0	89.9	20	3	1122.0	1704.0	1612.0
64110.0	50.4	20	1	1629.0	-	-
208644.0	81.3	20	2	1807.0	1508.0	-
352930.0	98.6	20	3	1891.0	1142.0	1006.0
498182.0	78.2	20	2	1572.0	1613.0	-
46089.0	79.6	20	2	1674.0	1832.0	-
190505.0	94.6	20	3	1887.0	1305.0	1103.0
336606.0	52.3	20	1	1407.0	-	-
479472.0	91.3	20	3	1945.0	1002.0	1332.0
28368.0	56.4	20	1	1417.0	-	-
172952.0	83.0	20	2	1655.0	1800.0	-
317144.0	88.0	20	3	1271.0	1642.0	1460.0
463538.0	65.4	20	1	1876.0	-	-
10459.0	79.8	20	2	1853.0	1087.0	-

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)
155175.0	78.0	20	2	1389.0	1897.0	-
298969.0	95.1	20	3	1886.0	1923.0	1322.0
445892.0	61.7	20	1	1577.0	-	-
591438.0	57.1	20	1	1162.0	-	-
137060.0	84.3	20	3	1452.0	1286.0	1802.0
282802.0	60.5	20	1	1737.0	-	-
426503.0	88.6	20	3	1029.0	1135.0	1526.0
572015.0	71.8	20	2	1665.0	1098.0	-
119209.0	92.1	20	3	1279.0	1662.0	1905.0
263790.0	97.5	20	3	1627.0	1481.0	1202.0
410351.0	52.3	20	1	1265.0	-	-
555522.0	66.5	20	1	1309.0	-	-
101731.0	72.9	20	2	1130.0	1948.0	-
246514.0	74.0	20	2	1660.0	1392.0	-
391458.0	78.3	20	2	1074.0	1726.0	-
535569.0	95.6	20	3	1050.0	1049.0	1512.0
83719.0	93.6	20	3	1819.0	1345.0	1190.0
229122.0	66.4	20	1	1899.0	-	-
373290.0	72.7	20	2	1679.0	1644.0	-
519256.0	53.8	20	1	1879.0	-	-

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)
94383.0	92.8	13	3	1991.0	1268.0	1102.0
302058.0	54.4	13	1	1960.0	-	-
509359.0	75.0	13	2	1115.0	1025.0	-
715836.0	98.8	13	3	1005.0	1181.0	1014.0
68862.0	85.2	13	3	1505.0	1912.0	1499.0
275939.0	99.6	13	3	1254.0	1121.0	1350.0
482580.0	96.6	13	3	1364.0	1918.0	1044.0
691060.0	81.6	13	2	1276.0	1015.0	-
43556.0	56.1	13	1	1908.0	-	-
250557.0	78.2	13	2	1426.0	1914.0	-
456744.0	86.5	13	3	1639.0	1366.0	1990.0
663899.0	91.4	13	3	1996.0	1076.0	1303.0
17990.0	70.3	13	2	1518.0	1131.0	-
225139.0	69.2	13	2	1743.0	1257.0	-

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)
674238.0	57.5	6	1	1154.0	-	-
995595.0	82.1	6	2	1595.0	1882.0	-
1318362.0	76.8	6	2	1539.0	1701.0	-
310760.0	81.5	6	2	1689.0	1966.0	-
633088.0	87.5	6	3	1048.0	1928.0	1017.0
955390.0	99.2	6	3	1433.0	1007.0	1699.0
1276993.0	90.2	6	3	1875.0	1494.0	1570.0
271101.0	68.1	6	2	1440.0	1900.0	-
594687.0	58.3	6	1	1053.0	-	-

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)
432169.0	83.8	19	3	1598.0	1212.0	1437.0
583383.0	96.2	19	3	1930.0	1858.0	1461.0
109524.0	61.7	19	1	1995.0	-	-
262507.0	56.6	19	1	1300.0	-	-
414206.0	70.5	19	2	1551.0	1515.0	-
566554.0	74.0	19	2	1367.0	1794.0	-
90475.0	95.7	19	3	1058.0	1406.0	1203.0
243658.0	62.8	19	1	1351.0	-	-
396512.0	66.5	19	1	1346.0	-	-
548885.0	65.2	19	1	1894.0	-	-
71987.0	61.6	19	1	1298.0	-	-
223729.0	87.1	19	3	1140.0	1349.0	1952.0
376381.0	73.5	19	2	1557.0	1964.0	-
529251.0	70.1	19	2	1455.0	1416.0	-
53107.0	62.9	19	1	1903.0	-	-
205313.0	71.9	19	2	2000.0	1462.0	-
357271.0	84.7	19	3	1338.0	1626.0	1166.0
511812.0	63.9	19	1	1217.0	-	-
34315.0	56.9	19	1	1547.0	-	-

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)
237049.0	65.7	14	1	1846.0	-	-
430982.0	63.8	14	1	1186.0	-	-
624502.0	61.0	14	1	1464.0	-	-
19646.0	61.0	14	1	1067.0	-	-
212475.0	96.2	14	3	1401.0	1781.0	1397.0
406868.0	53.7	14	1	1678.0	-	-
600423.0	66.5	14	1	1761.0	-	-
791312.0	96.2	14	3	1313.0	1199.0	1974.0
189218.0	68.8	14	2	1081.0	1365.0	-
383182.0	62.0	14	1	1337.0	-	-
575150.0	78.9	14	2	1780.0	1957.0	-
769608.0	73.6	14	2	1065.0	1283.0	-
165500.0	63.6	14	1	1922.0	-	-
358191.0	74.7	14	2	1893.0	1958.0	-
551045.0	96.1	14	3	1124.0	1986.0	1085.0

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)
796999.0	91.2	12	3	1703.0	1240.0	1765.0
151948.0	52.6	12	1	1095.0	-	-
358830.0	73.5	12	2	1402.0	1446.0	-
564745.0	93.0	12	3	1849.0	1243.0	1686.0
772730.0	76.0	12	2	1950.0	1436.0	-
126369.0	57.5	12	1	1125.0	-	-
333822.0	60.4	12	1	1533.0	-	-
541166.0	65.3	12	1	1799.0	-	-
747671.0	69.9	12	2	1792.0	1084.0	-
100650.0	76.2	12	2	1356.0	1012.0	-
308234.0	58.6	12	1	1607.0	-	-
515038.0	82.2	12	2	1172.0	1581.0	-
721055.0	84.0	12	3	1419.0	1530.0	1223.0
75181.0	62.0	12	1	1614.0	-	-

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)
247475.0	63.8	15	1	1000.0	-	-
429049.0	59.6	15	1	1143.0	-	-
610779.0	52.7	15	1	1010.0	-	-
43312.0	85.2	15	3	1097.0	1105.0	1069.0
224614.0	83.2	15	2	1056.0	1558.0	-
406612.0	52.4	15	1	1264.0	-	-
586107.0	94.5	15	3	1168.0	1270.0	1495.0
21012.0	72.8	15	2	1700.0	1289.0	-
201771.0	85.2	15	3	1038.0	1742.0	1740.0
384091.0	65.5	15	1	1563.0	-	-
565315.0	52.9	15	1	1953.0	-	-
747191.0	54.0	15	1	1502.0	-	-
179721.0	77.9	15	2	1694.0	1907.0	-
361348.0	76.9	15	2	1024.0	1333.0	-
543190.0	50.8	15	1	1647.0	-	-
722174.0	87.6	15	3	1760.0	1107.0	1377.0

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)
229100.0	91.6	9	3	1331.0	1470.0	1865.0
493134.0	98.0	9	3	1178.0	1099.0	1096.0
758071.0	62.3	9	1	1685.0	-	-
1020872.0	77.5	9	2	1169.0	1976.0	-
196967.0	78.9	9	2	1163.0	1745.0	-
461243.0	60.3	9	1	1961.0	-	-
723817.0	98.5	9	3	1363.0	1412.0	1484.0
986548.0	91.8	9	3	1562.0	1955.0	1640.0
164349.0	88.0	9	3	1110.0	1442.0	1118.0
427758.0	99.4	9	3	1705.0	1353.0	1324.0
693261.0	55.2	9	1	1262.0	-	-

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)
550803.0	98.6	19	3	1664.0	1278.0	1839.0
76123.0	91.2	19	3	1420.0	1335.0	1198.0
227842.0	84.9	19	3	1682.0	1874.0	1772.0
380245.0	87.6	19	3	1237.0	1294.0	1943.0
533437.0	71.5	19	2	1769.0	1410.0	-
57457.0	82.6	19	2	1066.0	1973.0	-
209070.0	84.2	19	3	1962.0	1941.0	1615.0
363295.0	54.9	19	1	1380.0	-	-
516335.0	52.4	19	1	1139.0	-	-
38660.0	76.2	19	2	1814.0	1541.0	-
190684.0	88.4	19	3	1456.0	1840.0	1179.0
343680.0	80.5	19	2	1315.0	1507.0	-
496353.0	72.3	19	2	1586.0	1008.0	-
19946.0	51.5	19	1	1663.0	-	-
172488.0	68.4	19	2	1266.0	1244.0	-
325007.0	67.4	19	2	1546.0	1061.0	-
478378.0	57.9	19	1	1520.0	-	-
1123.0	90.1	19	3	1645.0	1064.0	1413.0
153703.0	72.0	19	2	1386.0	1092.0	-

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)
583171.0	79.7	8	2	1151.0	1011.0	-
871683.0	83.5	8	3	1735.0	1342.0	1829.0
1165102.0	64.5	8	1	1231.0	-	-
256668.0	82.3	8	2	1405.0	1709.0	-
546024.0	84.6	8	3	1711.0	1593.0	1838.0
838086.0	60.7	8	1	1896.0	-	-
1126994.0	69.8	8	2	1939.0	1729.0	-
221252.0	56.5	8	1	1277.0	-	-
511371.0	83.1	8	2	1045.0	1656.0	-
802328.0	53.5	8	1	1843.0	-	-

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)
727992.0	61.1	14	1	1909.0	-	-
123545.0	61.0	14	1	1382.0	-	-
316190.0	97.3	14	3	1253.0	1713.0	1047.0
508358.0	83.9	14	3	1439.0	1967.0	1989.0
701537.0	97.2	14	3	1643.0	1616.0	1611.0
99384.0	96.0	14	3	1370.0	1251.0	1185.0
292719.0	81.6	14	2	1471.0	1702.0	-
486961.0	50.3	14	1	1556.0	-	-
679285.0	78.0	14	2	1516.0	1592.0	-
75680.0	81.4	14	2	1789.0	1160.0	-
269084.0	71.4	14	2	1467.0	1204.0	-
461379.0	93.8	14	3	1388.0	1301.0	1848.0
656224.0	72.0	14	2	1019.0	1184.0	-
51753.0	98.4	14	3	1904.0	1522.0	1297.0
245476.0	61.4	14	1	1981.0	-	-

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)
329079.0	53.2	20	1	1826.0	-	-
473520.0	67.5	20	2	1321.0	1306.0	-
20928.0	90.1	20	3	1940.0	1854.0	1691.0
165700.0	75.9	20	2	1715.0	1668.0	-
311518.0	60.4	20	1	1232.0	-	-
454268.0	92.9	20	3	1273.0	1506.0	1690.0
3167.0	90.5	20	3	1889.0	1659.0	1954.0
148307.0	51.7	20	1	1648.0	-	-
293641.0	66.0	20	1	1209.0	-	-
437505.0	69.6	20	2	1554.0	1513.0	-
581950.0	71.8	20	2	1492.0	1913.0	-
129763.0	84.0	20	3	1423.0	1491.0	1798.0
275577.0	58.8	20	1	1590.0	-	-
421111.0	50.3	20	1	1020.0	-	-
564857.0	76.8	20	2	1571.0	1062.0	-
112541.0	51.6	20	1	1728.0	-	-
256909.0	76.0	20	2	1845.0	1582.0	-
403127.0	51.0	20	1	1153.0	-	-
547847.0	51.4	20	1	1721.0	-	-
94393.0	91.3	20	3	1227.0	1180.0	1059.0

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

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5680	5705	5421	5306	5614
5	5409	5483	5618	5324	5378
10	5496	5609	5446	5425	5252
15	5438	5362	5472	5430	5521
20	5268	5357	5610	5316	5655
25	5393	5693	5445	5589	5374
30	5510	5684	5586	5644	5642
35	5636	5623	5565	5471	5346
40	5577	5413	5479	5645	5498
45	5377	5303	5290	5480	5560
50	5549	5345	5350	5675	5670
55	5442	5355	5473	5538	5288
60	5376	5297	5690	5634	5563
65	5682	5506	5335	5527	5464
70	5632	5522	5513	5669	5478
75	5493	5407	5363	5640	5502
80	5359	5539	5308	5686	5293
85	5321	5547	5531	5497	5441
90	5280	5548	5366	5514	5358
95	5282	5420	5619	5678	5264

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5460	5469	5357	5467	5359
5	5451	5408	5693	5487	5682
10	5427	5398	5620	5273	5526
15	5489	5478	5378	5713	5276
20	5426	5551	5405	5628	5281
25	5545	5648	5311	5649	5573
30	5253	5704	5418	5462	5300
35	5714	5458	5721	5260	5416
40	5496	5320	5410	5495	5684
45	5283	5373	5538	5613	5436
50	5599	5251	5284	5643	5299
55	5564	5425	5631	5582	5250
60	5380	5579	5395	5508	5549
65	5633	5500	5367	5479	5325
70	5655	5481	5720	5383	5322
75	5512	5525	5502	5520	5463
80	5699	5384	5544	5400	5340
85	5417	5287	5556	5447	5523
90	5562	5312	5363	5319	5548
95	5391	5509	5304	5528	5353

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5715	5708	5293	5628	5676
5	5493	5430	5650	5414	5261
10	5662	5528	5340	5294	5517
15	5519	5581	5423	5284	5592
20	5589	5397	5601	5547	5376
25	5322	5345	5691	5462	5685
30	5444	5570	5660	5342	5330
35	5254	5399	5649	5255	5258
40	5553	5492	5613	5263	5456
45	5499	5666	5701	5475	5702
50	5302	5470	5466	5621	5277
55	5379	5346	5401	5696	5555
60	5545	5524	5334	5495	5359
65	5522	5536	5674	5371	5506
70	5279	5569	5281	5481	5645
75	5548	5501	5392	5447	5541
80	5543	5400	5697	5303	5595
85	5535	5612	5529	5590	5347
90	5324	5477	5374	5451	5446
95	5370	5554	5707	5265	5348

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5495	5472	5704	5314	5421
5	5535	5355	5368	5338	5621
10	5667	5451	5569	5438	5315
15	5605	5646	5684	5468	5622
20	5670	5661	5530	5486	5574
25	5435	5346	5579	5523	5379
30	5258	5448	5642	5659	5344
35	5480	5481	5518	5525	5552
40	5660	5284	5671	5318	5586
45	5445	5718	5539	5557	5588
50	5351	5403	5353	5559	5289
55	5565	5465	5333	5536	5598
60	5710	5566	5631	5257	5441
65	5657	5471	5475	5409	5641
70	5309	5724	5584	5418	5335
75	5715	5290	5691	5482	5492
80	5347	5556	5510	5263	5303
85	5363	5312	5325	5308	5302
90	5527	5433	5494	5429	5252
95	5430	5397	5477	5343	5655

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5653	5711	5640	5378	5263
5	5674	5377	5443	5501	5450
10	5598	5337	5610	5633	5336
15	5693	5298	5312	5416	5339
20	5678	5352	5471	5478	5547
25	5323	5673	5307	5627	5413
30	5397	5599	5399	5496	5300
35	5620	5609	5418	5327	5574
40	5505	5367	5558	5583	5374
45	5698	5622	5615	5675	5702
50	5579	5404	5648	5587	5412
55	5287	5251	5417	5638	5338
60	5400	5511	5463	5387	5383
65	5420	5716	5436	5520	5710
70	5684	5267	5311	5322	5410
75	5359	5269	5457	5720	5670
80	5438	5458	5681	5381	5326
85	5407	5592	5376	5556	5297
90	5467	5541	5561	5586	5542
95	5484	5516	5717	5706	5663

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5433	5475	5576	5539	5483
5	5716	5399	5518	5567	5657
10	5432	5601	5651	5353	5357
15	5306	5425	5415	5461	5628
20	5686	5421	5412	5520	5589
25	5622	5413	5256	5447	5439
30	5323	5556	5517	5270	5498
35	5284	5700	5689	5480	5488
40	5344	5450	5547	5580	5303
45	5678	5705	5673	5253	5265
50	5481	5280	5455	5262	5410
55	5356	5366	5441	5711	5512
60	5467	5565	5456	5295	5384
65	5430	5681	5369	5451	5328
70	5390	5592	5696	5687	5494
75	5665	5633	5291	5530	5405
80	5541	5521	5623	5409	5258
85	5435	5653	5320	5386	5599
90	5557	5330	5329	5535	5644
95	5371	5554	5528	5500	5615

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5688	5336	5512	5700	5325
5	5283	5324	5593	5255	5389
10	5363	5390	5692	5548	5378
15	5297	5552	5421	5506	5345
20	5597	5587	5450	5559	5493
25	5477	5474	5616	5360	5481
30	5687	5513	5257	5422	5318
35	5326	5316	5485	5633	5499
40	5658	5630	5466	5577	5610
45	5561	5313	5634	5306	5530
50	5357	5456	5448	5611	5678
55	5554	5573	5631	5433	5483
60	5401	5602	5307	5376	5407
65	5486	5598	5668	5286	5304
70	5312	5343	5641	5592	5638
75	5553	5522	5298	5580	5404
80	5476	5321	5432	5373	5584
85	5637	5349	5425	5381	5315
90	5650	5532	5253	5663	5642
95	5594	5484	5567	5394	5646

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5468	5575	5448	5386	5545
5	5325	5346	5668	5418	5693
10	5672	5654	5355	5268	5399
15	5385	5582	5524	5551	5537
20	5605	5656	5391	5648	5466
25	5326	5344	5561	5515	5620
30	5576	5470	5472	5671	5516
35	5465	5407	5281	5408	5413
40	5497	5713	5423	5706	5574
45	5539	5541	5396	5692	5359
50	5417	5708	5632	5557	5434
55	5622	5267	5527	5252	5454
60	5628	5420	5443	5608	5322
65	5522	5493	5490	5374	5358
70	5290	5315	5667	5617	5607
75	5673	5594	5503	5453	5690
80	5660	5640	5481	5429	5665
85	5487	5409	5411	5390	5335
90	5253	5610	5469	5513	5297
95	5659	5649	5565	5508	5449

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5723	5339	5384	5547	5387
5	5464	5271	5268	5581	5425
10	5603	5443	5396	5366	5420
15	5473	5709	5627	5499	5254
20	5613	5347	5332	5640	5439
25	5631	5275	5665	5549	5662
30	5562	5427	5687	5348	5336
35	5604	5595	5649	5561	5327
40	5321	5264	5471	5668	5371
45	5521	5479	5412	5682	5584
50	5333	5608	5626	5257	5469
55	5358	5481	5546	5282	5585
60	5388	5363	5531	5365	5431
65	5691	5461	5325	5285	5652
70	5527	5276	5318	5516	5593
75	5510	5262	5484	5705	5441
80	5329	5544	5426	5385	5487
85	5418	5372	5258	5386	5501
90	5555	5503	5395	5309	5676
95	5704	5406	5428	5600	5664

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5406	5578	5320	5708	5607
5	5506	5293	5343	5647	5632
10	5534	5329	5437	5561	5441
15	5361	5255	5544	5446	5524
20	5513	5370	5254	5412	5422
25	5602	5275	5294	5583	5704
30	5451	5384	5330	5597	5646
35	5686	5445	5714	5338	5272
40	5501	5677	5711	5665	5300
45	5562	5465	5569	5363	5659
50	5715	5555	5413	5546	5435
55	5629	5365	5299	5411	5333
60	5670	5357	5311	5640	5497
65	5535	5455	5599	5262	5418
70	5469	5448	5438	5308	5482
75	5697	5493	5326	5580	5390
80	5260	5335	5698	5340	5274
85	5628	5720	5668	5537	5277
90	5693	5284	5533	5304	5310
95	5703	5387	5395	5324	5313

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5661	5342	5256	5394	5449
5	5548	5693	5418	5335	5461
10	5368	5593	5478	5281	5462
15	5649	5488	5358	5589	5638
20	5532	5582	5311	5721	5385
25	5310	5551	5381	5398	5617
30	5271	5340	5341	5545	5274
35	5354	5302	5716	5489	5252
40	5586	5584	5615	5379	5662
45	5704	5481	5645	5294	5421
50	5359	5714	5588	5710	5426
55	5260	5259	5389	5344	5562
60	5270	5540	5440	5375	5502
65	5658	5257	5455	5436	5367
70	5447	5258	5293	5345	5592
75	5428	5320	5451	5446	5448
80	5560	5670	5323	5300	5674
85	5395	5415	5566	5391	5522
90	5351	5410	5296	5474	5537
95	5527	5339	5614	5677	5289

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5441	5581	5667	5458	5669
5	5590	5715	5493	5498	5668
10	5299	5382	5519	5476	5483
15	5640	5615	5364	5634	5355
20	5540	5273	5252	5335	5358
25	5576	5403	5584	5599	5651
30	5410	5326	5298	5285	5523
35	5649	5449	5393	5609	5642
40	5641	5425	5553	5619	5659
45	5536	5461	5253	5352	5474
50	5721	5289	5286	5515	5579
55	5679	5447	5343	5534	5381
60	5716	5572	5605	5320	5334
65	5678	5656	5538	5472	5577
70	5717	5365	5331	5521	5424
75	5387	5497	5427	5511	5558
80	5259	5724	5592	5293	5516
85	5607	5531	5345	5295	5646
90	5575	5302	5508	5419	5539
95	5349	5394	5598	5268	5434

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5696	5345	5603	5619	5511
5	5254	5640	5568	5661	5400
10	5705	5646	5560	5671	5504
15	5253	5645	5467	5582	5644
20	5451	5342	5290	5327	5331
25	5464	5255	5312	5703	5685
30	5452	5690	5500	5675	5372
35	5588	5484	5405	5320	5652
40	5264	5275	5491	5384	5656
45	5465	5344	5336	5313	5527
50	5369	5337	5604	5402	5526
55	5635	5297	5724	5687	5701
60	5295	5265	5641	5407	5721
65	5479	5487	5508	5409	5609
70	5339	5534	5317	5524	5346
75	5258	5408	5666	5571	5515
80	5413	5418	5358	5702	5399
85	5396	5543	5308	5445	5679
90	5648	5366	5449	5473	5625
95	5537	5583	5485	5298	5338

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5379	5584	5539	5305	5256
5	5296	5662	5643	5252	5607
10	5435	5601	5294	5525	5341
15	5297	5570	5627	5361	5459
20	5508	5706	5416	5304	5352
25	5679	5515	5332	5719	5494
30	5579	5687	5618	5449	5667
35	5630	5575	5676	5473	5566
40	5675	5455	5429	5527	5275
45	5324	5419	5371	5580	5398
50	5720	5641	5388	5693	5700
55	5470	5348	5251	5439	5397
60	5561	5355	5460	5685	5708
65	5680	5436	5447	5619	5404
70	5520	5606	5400	5624	5614
75	5376	5605	5346	5308	5389
80	5443	5681	5577	5481	5314
85	5507	5574	5381	5364	5350
90	5316	5664	5430	5479	5660
95	5383	5504	5663	5468	5604

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5634	5348	5475	5466	5476
5	5338	5587	5718	5415	5436
10	5470	5321	5642	5489	5546
15	5429	5424	5673	5672	5553
20	5467	5577	5647	5408	5277
25	5618	5531	5278	5633	5565
30	5644	5358	5601	5390	5294
35	5288	5472	5723	5480	5514
40	5538	5367	5292	5272	5701
45	5304	5502	5663	5596	5342
50	5439	5307	5426	5317	5680
55	5629	5691	5532	5484	5625
60	5252	5402	5631	5613	5406
65	5385	5483	5451	5674	5323
70	5300	5386	5627	5366	5352
75	5264	5574	5354	5695	5694
80	5552	5544	5689	5702	5614
85	5441	5611	5707	5401	5564
90	5387	5595	5417	5416	5443
95	5400	5559	5486	5268	5621

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5414	5587	5411	5627	5318
5	5477	5609	5578	5643	5401
10	5585	5305	5684	5567	5420
15	5551	5301	5620	5270	5378
20	5268	5685	5497	5250	5506
25	5480	5349	5540	5312	5675
30	5454	5601	5573	5375	5433
35	5379	5365	5394	5353	5621
40	5532	5269	5630	5284	5682
45	5390	5686	5550	5472	5518
50	5490	5493	5724	5261	5634
55	5722	5510	5503	5613	5315
60	5672	5709	5457	5656	5704
65	5334	5422	5661	5566	5372
70	5252	5690	5328	5698	5446
75	5489	5448	5329	5333	5553
80	5404	5706	5355	5715	5285
85	5423	5450	5703	5403	5514
90	5614	5631	5264	5465	5371
95	5344	5296	5646	5623	5271

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5669	5351	5347	5313	5538
5	5519	5534	5393	5266	5375
10	5710	5374	5346	5404	5588
15	5508	5678	5307	5665	5462
20	5386	5337	5626	5489	5698
25	5297	5332	5552	5717	5440
30	5558	5527	5408	5475	5470
35	5636	5554	5405	5667	5704
40	5621	5264	5290	5448	5642
45	5340	5251	5694	5541	5582
50	5547	5583	5437	5329	5474
55	5267	5480	5617	5380	5602
60	5430	5283	5458	5493	5361
65	5444	5358	5255	5539	5304
70	5657	5415	5609	5543	5429
75	5724	5439	5589	5497	5292
80	5683	5714	5395	5464	5423
85	5540	5309	5488	5450	5387
90	5585	5531	5712	5637	5542
95	5391	5383	5656	5369	5445

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5449	5590	5283	5474	5380
5	5561	5556	5468	5332	5679
10	5641	5638	5387	5599	5609
15	5596	5708	5410	5710	5654
20	5394	5503	5567	5578	5671
25	5660	5659	5280	5370	5381
30	5329	5515	5431	5301	5703
35	5614	5432	5319	5506	5409
40	5559	5440	5263	5391	5719
45	5373	5695	5702	5602	5395
50	5592	5527	5528	5542	5627
55	5526	5348	5299	5645	5562
60	5470	5681	5548	5253	5707
65	5494	5682	5613	5441	5258
70	5388	5658	5616	5287	5254
75	5686	5404	5452	5661	5355
80	5680	5434	5712	5427	5518
85	5505	5360	5261	5603	5615
90	5435	5421	5524	5724	5696
95	5535	5326	5577	5362	5486

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5607	5354	5694	5635	5600
5	5603	5481	5543	5495	5411
10	5475	5427	5428	5697	5630
15	5684	5360	5513	5280	5371
20	5305	5572	5605	5570	5644
25	5451	5608	5483	5474	5414
30	5423	5693	5472	5646	5453
35	5426	5278	5652	5325	5482
40	5708	5442	5492	5497	5680
45	5260	5698	5602	5456	5467
50	5273	5478	5571	5643	5285
55	5374	5716	5399	5342	5345
60	5319	5335	5604	5302	5507
65	5494	5454	5656	5433	5535
70	5523	5388	5685	5358	5712
75	5634	5575	5256	5257	5391
80	5562	5626	5253	5515	5677
85	5629	5283	5651	5487	5710
90	5373	5314	5509	5441	5252
95	5633	5565	5304	5683	5560

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5387	5593	5630	5699	5442
5	5267	5503	5618	5658	5406
10	5313	5469	5417	5651	5675
15	5487	5616	5703	5563	5263
20	5546	5659	5617	5339	5460
25	5686	5578	5448	5465	5679
30	5429	5386	5702	5721	5365
35	5596	5635	5719	5281	5575
40	5435	5445	5354	5627	5582
45	5539	5525	5326	5379	5272
50	5694	5471	5394	5318	5353
55	5532	5639	5290	5557	5500
60	5549	5609	5430	5537	5277
65	5605	5270	5666	5413	5361
70	5464	5610	5534	5603	5397
75	5400	5372	5433	5672	5407
80	5577	5349	5661	5493	5450
85	5427	5338	5282	5621	5470
90	5544	5392	5512	5645	5359
95	5286	5331	5662	5308	5283

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5642	5357	5566	5385	5662
5	5309	5428	5693	5346	5447
10	5337	5577	5510	5612	5672
15	5288	5614	5719	5273	5377
20	5321	5429	5487	5651	5590
25	5702	5409	5317	5304	5604
30	5568	5386	5601	5379	5541
35	5459	5456	5392	5410	5633
40	5595	5280	5373	5685	5351
45	5556	5562	5622	5583	5644
50	5608	5448	5270	5560	5692
55	5640	5520	5307	5722	5361
60	5261	5686	5665	5494	5441
65	5256	5483	5478	5554	5505
70	5469	5451	5399	5461	5313
75	5586	5493	5572	5517	5446
80	5353	5285	5581	5641	5574
85	5544	5661	5335	5522	5681
90	5319	5530	5635	5550	5426
95	5394	5279	5696	5414	5326

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5422	5693	5502	5546	5504
5	5351	5450	5293	5509	5654
10	5646	5366	5551	5332	5376
15	5266	5250	5318	5569	5329
20	5498	5428	5265	5563	5493
25	5261	5520	5408	5419	5457
30	5343	5719	5628	5264	5598
35	5547	5285	5434	5363	5311
40	5353	5348	5388	5542	5705
45	5544	5432	5531	5484	5624
50	5321	5649	5515	5584	5708
55	5437	5655	5610	5340	5355
60	5439	5273	5557	5429	5679
65	5503	5444	5312	5480	5272
70	5620	5482	5464	5637	5562
75	5452	5541	5589	5334	5462
80	5320	5270	5704	5571	5361
85	5564	5274	5473	5714	5370
90	5303	5639	5325	5556	5276
95	5713	5469	5254	5699	5523

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5580	5457	5438	5707	5724
5	5393	5375	5368	5575	5386
10	5577	5630	5689	5527	5714
15	5464	5296	5353	5363	5286
20	5715	5664	5466	5257	5536
25	5381	5588	5723	5512	5453
30	5688	5443	5300	5459	5305
35	5559	5262	5638	5556	5716
40	5558	5370	5446	5593	5345
45	5317	5522	5313	5602	5388
50	5321	5360	5325	5372	5263
55	5431	5421	5690	5530	5474
60	5581	5520	5481	5677	5480
65	5472	5502	5452	5619	5550
70	5692	5468	5564	5486	5538
75	5411	5413	5282	5315	5333
80	5322	5337	5389	5568	5467
85	5591	5436	5334	5514	5324
90	5454	5490	5562	5397	5400
95	5255	5524	5335	5597	5617

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5360	5696	5374	5393	5566
5	5532	5397	5443	5263	5690
10	5508	5419	5255	5625	5260
15	5455	5423	5456	5311	5478
20	5723	5258	5407	5346	5509
25	5647	5537	5451	5616	5487
30	5332	5257	5674	5554	5282
35	5304	5254	5352	5491	5472
40	5684	5529	5565	5358	5342
45	5624	5502	5396	5660	5441
50	5683	5711	5501	5539	5375
55	5609	5644	5720	5293	5552
60	5685	5426	5306	5418	5703
65	5401	5354	5642	5256	5386
70	5454	5567	5713	5417	5273
75	5382	5402	5303	5394	5578
80	5452	5276	5467	5530	5496
85	5526	5479	5702	5657	5655
90	5665	5334	5272	5579	5319
95	5495	5384	5387	5442	5621

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5615	5460	5310	5554	5311
5	5574	5322	5518	5426	5422
10	5342	5305	5296	5345	5281
15	5543	5550	5559	5356	5670
20	5256	5424	5348	5338	5482
25	5535	5389	5654	5521	5394
30	5696	5689	5414	5706	5577
35	5443	5442	5623	5644	5386
40	5523	5709	5503	5501	5436
45	5553	5479	5621	5494	5473
50	5490	5677	5474	5538	5362
55	5697	5598	5435	5630	5375
60	5371	5341	5704	5364	5526
65	5350	5455	5661	5437	5534
70	5458	5537	5667	5562	5393
75	5707	5254	5425	5446	5374
80	5646	5359	5665	5515	5465
85	5471	5370	5372	5459	5718
90	5347	5329	5475	5477	5671
95	5368	5678	5634	5303	5363

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5395	5699	5721	5715	5628
5	5616	5344	5593	5589	5629
10	5273	5569	5337	5540	5302
15	5631	5677	5662	5401	5387
20	5642	5493	5386	5427	5455
25	5326	5338	5285	5446	5555
30	5436	5682	5646	5532	5480
35	5300	5582	5533	5516	5322
40	5397	5362	5317	5441	5266
45	5433	5482	5365	5562	5679
50	5547	5360	5366	5378	5525
55	5627	5660	5641	5510	5552
60	5625	5309	5284	5413	5648
65	5530	5310	5252	5299	5491
70	5396	5329	5523	5670	5411
75	5369	5666	5698	5545	5492
80	5355	5423	5566	5615	5354
85	5675	5462	5689	5519	5690
90	5380	5723	5305	5560	5630
95	5403	5384	5291	5720	5451

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5553	5463	5657	5304	5373
5	5658	5269	5668	5655	5458
10	5679	5358	5378	5260	5323
15	5719	5329	5349	5579	5650
20	5659	5327	5419	5428	5689
25	5665	5488	5550	5589	5478
30	5571	5603	5272	5254	5595
35	5721	5624	5312	5572	5311
40	5676	5400	5379	5506	5430
45	5314	5345	5645	5262	5600
50	5625	5717	5554	5576	5716
55	5386	5698	5340	5368	5413
60	5705	5480	5356	5353	5723
65	5703	5599	5615	5699	5509
70	5673	5570	5635	5336	5675
75	5396	5421	5263	5459	5483
80	5273	5628	5482	5530	5334
85	5496	5495	5683	5339	5442
90	5264	5420	5286	5438	5575
95	5606	5663	5555	5280	5407

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5333	5702	5593	5465	5690
5	5322	5291	5268	5343	5665
10	5513	5622	5419	5455	5344
15	5710	5359	5296	5394	5658
20	5253	5508	5401	5577	5517
25	5691	5654	5623	5617	5557
30	5560	5487	5406	5415	5288
35	5715	5583	5250	5700	5612
40	5580	5317	5271	5427	5718
45	5325	5698	5653	5512	5496
50	5255	5627	5330	5684	5432
55	5314	5460	5530	5339	5542
60	5395	5303	5409	5279	5299
65	5276	5294	5466	5438	5491
70	5418	5495	5298	5584	5321
75	5539	5310	5681	5452	5311
80	5652	5585	5326	5456	5678
85	5651	5470	5625	5523	5385
90	5269	5693	5365	5689	5437
95	5324	5352	5659	5581	5657

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5588	5466	5529	5626	5435
5	5364	5691	5343	5506	5397
10	5444	5411	5460	5553	5365
15	5323	5486	5399	5439	5585
20	5569	5419	5306	5500	5374
25	5368	5380	5657	5659	5446
30	5517	5702	5655	5613	5427
35	5331	5476	5403	5711	5451
40	5663	5255	5414	5424	5550
45	5305	5336	5281	5609	5302
50	5372	5431	5678	5516	5507
55	5279	5502	5720	5619	5688
60	5574	5560	5723	5716	5580
65	5718	5405	5270	5286	5599
70	5465	5578	5301	5297	5543
75	5430	5349	5298	5607	5324
80	5433	5274	5389	5453	5398
85	5554	5312	5505	5342	5488
90	5339	5513	5530	5317	5310
95	5584	5385	5551	5379	5557

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5368	5705	5465	5312	5277
5	5406	5713	5418	5669	5604
10	5278	5297	5501	5273	5386
15	5411	5613	5502	5484	5302
20	5577	5488	5722	5589	5347
25	5256	5318	5622	5691	5701
30	5335	5474	5345	5332	5433
35	5566	5422	5272	5653	5625
40	5290	5271	5668	5654	5518
45	5479	5285	5419	5339	5662
50	5664	5723	5607	5254	5605
55	5330	5698	5690	5338	5438
60	5659	5703	5250	5548	5288
65	5300	5667	5441	5480	5402
70	5537	5564	5401	5660	5651
75	5380	5453	5492	5279	5384
80	5434	5689	5549	5450	5593
85	5554	5251	5565	5534	5356
90	5293	5711	5695	5323	5344
95	5369	5494	5568	5417	5455

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022/06/10		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)-Mesh Mode		

Radar Type 1 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5497	1	678	78	1
2	5506	1	758	70	1
3	5508	1	858	62	1
4	5494	1	818	65	1
5	5499	1	778	68	1
6	5491	1	718	74	0
7	5495	1	818	65	1
8	5498	1	938	57	1
9	5503	1	898	59	1
10	5497	1	598	89	1
11	5500	1	878	61	1
12	5501	1	818	65	1
13	5506	1	538	98	1
14	5507	1	578	92	1
15	5496	1	938	57	1
16	5507	1	818	65	1
17	5498	1	558	95	1
18	5491	1	738	72	0
19	5509	1	718	74	0
20	5509	1	858	62	1
21	5494	1	538	98	1
22	5508	1	758	70	1
23	5501	1	818	65	1
24	5496	1	858	62	1
25	5493	1	818	65	1
26	5505	1	3066	18	1
27	5502	1	538	98	1
28	5501	1	698	76	1
29	5492	1	558	95	1
30	5500	1	578	92	1
Detection Percentage (%)					90.0%

Radar Type 2 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5509	2.1	230	24	1
2	5491	1.9	176	24	0
3	5494	1.6	209	27	1
4	5496	3.4	227	26	1
5	5493	2.7	178	25	1
6	5495	5	174	27	1
7	5504	2.8	213	25	1
8	5509	4.8	201	24	1
9	5500	1.2	168	28	1
10	5500	3.7	155	23	1
11	5498	3.7	185	27	1
12	5497	3.6	202	25	1
13	5493	3	198	25	1
14	5508	1.9	151	28	1
15	5494	2.1	166	24	1
16	5492	4.8	155	26	1
17	5506	4.7	160	28	1
18	5502	3.1	225	27	0
19	5500	1.7	163	25	1
20	5496	2.8	208	24	1
21	5493	1.5	223	26	1
22	5498	1.7	201	26	1
23	5502	1.4	166	24	1
24	5498	4	165	24	1
25	5495	3.3	154	29	1
26	5496	1.4	207	23	1
27	5491	3.1	181	29	1
28	5495	2.5	201	28	1
29	5494	4.2	163	27	1
30	5503	4.7	154	24	1
Detection Percentage (%)					93.3%

Radar Type 3 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5507	7.3	357	17	0
2	5502	6.3	279	17	1
3	5491	9.2	387	17	0
4	5499	7.1	474	16	1
5	5507	7.3	494	17	1
6	5508	8	222	16	1
7	5496	7.7	372	16	1
8	5497	6.8	401	16	1
9	5504	7.6	407	18	1
10	5498	7.7	407	17	1
11	5491	7.3	408	16	1
12	5496	8.4	304	17	0
13	5500	8.7	477	17	1
14	5495	7.2	206	17	1
15	5500	8.4	438	17	0
16	5491	9	206	17	0
17	5505	8.5	409	17	1
18	5495	8	244	17	1
19	5496	6.1	378	17	1
20	5506	8.2	440	18	1
21	5501	7.1	416	17	1
22	5503	6.3	262	18	1
23	5494	6.1	234	16	1
24	5492	6.9	492	17	0
25	5501	9.7	480	18	1
26	5497	8.7	417	16	0
27	5491	8.6	495	17	0
28	5509	9.6	479	18	1
29	5504	8.5	332	18	1
30	5491	6.3	379	18	1
Detection Percentage (%)					73.3%

Radar Type 4 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5496	11.4	215	13	1
2	5505	15.5	361	12	1
3	5492	16.4	474	14	1
4	5507	15.7	444	13	1
5	5509	16.5	391	12	0
6	5495	14.6	295	14	0
7	5497	12.2	307	16	1
8	5491	19.4	242	15	0
9	5509	12.6	216	13	1
10	5503	16.6	489	13	1
11	5502	18.2	203	15	0
12	5496	18.8	203	16	1
13	5505	11.4	325	13	1
14	5495	18.5	425	13	0
15	5496	14.4	420	13	1
16	5492	12.5	269	15	1
17	5493	16.4	431	14	1
18	5493	16.7	341	16	1
19	5499	12.9	265	15	1
20	5500	16.1	489	14	1
21	5506	16	443	13	0
22	5509	15.6	461	14	1
23	5495	19.3	354	15	1
24	5507	16.1	239	14	1
25	5509	19.1	377	15	1
26	5508	13.3	464	12	0
27	5504	19.6	437	15	1
28	5506	12.7	248	15	1
29	5491	17.4	336	13	0
30	5507	18.2	312	13	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: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ = (90.0%+93.3%+73.3%+73.3%)/4 = 82.5% (>80%)

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5500	1	16	5494.6	1
2	5500	1	17	5494.6	1
3	5500	1	18	5497.4	1
4	5500	1	19	5498.2	1
5	5500	1	20	5493.8	1
6	5500	1	21	5502.6	1
7	5500	1	22	5503.4	1
8	5500	1	23	5504.6	1
9	5500	1	24	5501.8	1
10	5500	1	25	5507	1
11	5496.2	1	26	5505	1
12	5494.6	1	27	5501.8	1
13	5498.2	1	28	5506.6	1
14	5497.8	1	29	5505.8	1
15	5496.6	1	30	5506.2	1
Detection Percentage (%)					100.0%

Type 5 Radar Waveform_1

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	51.4	9	1842		16.886
2	2	64	9	1404		705.023
3	2	62.8	9	1301		781.816
4	2	98.3	9	1351		45.619
5	1	61	9			338.462
6	2	93.8	9	1839		376.265
7	1	54	9			676.328
8	2	53	9	1251		907.312
9	3	58.1	9	1445	1341	902.425
10	1	97.4	9			554.278
11	1	95.3	9			75.001
12	1	52.7	9			827.154
13	3	74.6	9	1869	1244	616.077

Type 5 Radar Waveform_2

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	95.9	10	1146		47.818
2	1	58.4	10			491.587
3	2	55.2	10	1186		63.294
4	2	74.3	10	1000		286.171
5	1	87.1	10			805.559
6	1	52.3	10			767.216
7	3	77.5	10	1784	1466	517.513
8	2	78.5	10	1781		489
9	3	57.7	10	1169	1992	375.637
10	1	68.3	10			58.144
11	2	51.1	10	1913		725.261
12	1	60.9	10			545.509
13	1	63	10			5.886
14	2	67.5	10	1032		805.443

Type 5 Radar Waveform_3

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	55.4	16	1928		44.099
2	3	94.7	16	1544	1374	893.2
3	3	65.2	16	1789	1846	510.69
4	2	73.5	16	1735		688.7
5	2	66.9	16	1274		387.29
6	1	78.6	16			806.89
7	2	64.1	16	1270		391.79
8	2	95.8	16	1434		355.48
9	2	64.5	16	1387		1.19
10	1	55.5	16			402.1

Type 5 Radar Waveform_4

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	95.6	14	1272	1774	75.935
2	3	75.2	14	1797	1181	165.732
3	1	52.8	14			301.66
4	2	83.2	14	1633		385.36
5	3	80.4	14	1938	1430	187.07
6	2	53	14	1909		195.15
7	2	60.7	14	1671		131.24
8	3	77.9	14	1165	1343	23.04
9	2	72.6	14	1229		20.07
10	2	64.1	14	1984		476.33
11	2	57.2	14	1669		464.84
12	2	59.6	14	1181		295.52
13	2	64.7	14	1303		52.12
14	3	90.1	14	1858	1539	565.6
15	2	62.3	14	1017		15.44
16	3	70.6	14	1266	1536	458.52
17	3	72.3	14	1553	1772	105.95
18	2	70.2	14	1796		458.9
19	2	88	14	1066		310.8
20	1	67.3	14			430.4

Type 5 Radar Waveform_5

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	93.5	12			89.727
2	2	56.1	12	1642		579.403
3	3	77.4	12	1369	1189	253.507
4	2	52	12	1535		533.54
5	2	87.7	12	1585		14.513
6	2	64.1	12	1051		150.087
7	3	57.5	12	1802	1438	653.85
8	1	81.2	12			501.483
9	2	96	12	1578		550.977
10	1	90	12			603.08
11	3	90.5	12	1643	1512	204.963
12	2	57.3	12	1440		336.137
13	2	59.6	12	1728		316.99
14	2	94.7	12	1647		96.573
15	2	70.7	12	1598		185.577
16	1	50.7	12			98
17	3	51	12	1231	1333	176.933
18	2	52.8	12	1954		106.567

Type 5 Radar Waveform_6

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	90.9	5	1075		316.414
2	2	94.4	5	1425		109.68
3	2	63.4	5	1485		780.034
4	3	51.7	5	1148	1149	411.691
5	1	68.2	5			146.519
6	2	59.8	5	1318		403.016
7	2	71.7	5	1599		467.683
8	3	89.5	5	1574	1567	748.99
9	2	96.6	5	1301		454.387
10	1	55.8	5			678.424
11	1	61.8	5			817.621
12	1	62.9	5			665.529
13	3	87.2	5	1656	1232	612.286
14	3	89.3	5	1416	1645	635.943

Type 5 Radar Waveform_7

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	66.1	7			18.011
2	1	83.8	7			425.44
3	1	55.5	7			681.36
4	1	90	7			219.47
5	2	90.7	7	1245		453.63
6	2	54	7	1447		869.59
7	1	75.4	7			672.38
8	1	59.9	7			716.91
9	2	74	7	1811		758.04
10	2	90.3	7	1983		235.63
11	3	97.7	7	1055	1028	217.4
12	1	86.7	7			700.5

Type 5 Radar Waveform_8

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (μ sec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	79.3	7	1820		703.337
2	2	50.4	7	1250		540.561
3	2	71.4	7	1234		944.012
4	1	91.4	7			955.423
5	2	75.4	7	1082		879.604
6	2	56.2	7	1924		280.865
7	2	90.5	7	1863		383.535
8	2	98.4	7	1397		323.056
9	2	62.6	7	1602		800.767
10	3	98.1	7	1726	1939	873.018
11	2	68.9	7	1683		949.409

Type 5 Radar Waveform_9

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	97.4	17	1572		168.626
2	3	71.8	17	1976	1870	246.176
3	2	63.5	17	1388		108.602
4	3	56.8	17	1000	1471	300.883
5	2	87.4	17	1503		575.194
6	2	87.6	17	1508		389.695
7	2	58.9	17	1894		221.906
8	1	68.8	17			511.147
9	2	66.8	17	1268		495.818
10	2	60.9	17	1856		552.269
11	2	86.6	17	1507		317.821
12	1	51.7	17			239.902
13	2	52.5	17	1944		483.173
14	2	80.6	17	1890		5.174
15	2	74.6	17	1684		508.945
16	1	70.3	17			213.926
17	2	86.7	17	1667		86.537
18	3	97.7	17	1992	1180	337.358
19	2	62	17	1987		481.179

Type 5 Radar Waveform_10

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	88.6	16	1301		96.761
2	2	91.4	16	1888		513.82
3	3	55.5	16	1869	1852	596.26
4	2	68	16	1000		65.95
5	2	57.2	16	1040		188.5
6	1	70.7	16			395.61
7	3	59.7	16	1020	1226	201.57
8	2	96.2	16	1369		517.11
9	3	88.9	16	1520	1555	291.77
10	2	59.9	16	1157		205.58
11	1	80.7	16			546.99
12	2	88.8	16	1038		242.54
13	1	91.5	16			125.47
14	1	99.5	16			46.1
15	2	65.4	16	1400		156.3

Type 5 Radar Waveform_11

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	58.4	13	1361	1517	19.939
2	2	98.3	13	1070		267.634
3	2	73.5	13	1793		216.335
4	1	95	13			273.433
5	1	61.9	13			192.331
6	3	51.2	13	1906	1659	172.588
7	2	87.6	13	1555		452.756
8	3	67	13	1962	1747	33.604
9	1	85.7	13			141.671
10	2	53.9	13	1552		579.059
11	2	77.1	13	1642		201.076
12	2	73.2	13	1289		57.314
13	2	87.8	13	1914		395.042
14	2	80.2	13	1896		113.089
15	2	79.8	13	1046		88.557
16	2	94.9	13	1740		477.265
17	3	62.6	13	1338	1856	119.882

Type 5 Radar Waveform_12

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	94.6	9			833.228
2	2	81.9	9	1604		128.381
3	2	92.9	9	1800		679.752
4	3	69.9	9	1911	1463	89.113
5	1	86.2	9			77.654
6	1	62.5	9			772.595
7	2	50.1	9	1881		550.875
8	2	73.5	9	1121		860.186
9	2	63.2	9	1844		891.977
10	3	89.3	9	1507	1112	443.918
11	2	57.9	9	1165		774.109

Type 5 Radar Waveform_13

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	72.1	18	1638		624.818
2	1	60.6	18			629.158
3	3	80.5	18	1481	1767	187.295
4	2	80	18	1621		654.923
5	2	89.9	18	1396		555.881
6	2	92.7	18	1100		680.198
7	2	87.3	18	1773		148.466
8	2	54.2	18	1234		252.964
9	1	87.8	18			694.321
10	2	72.2	18	1840		661.759
11	3	84.8	18	1677	1967	93.466
12	1	99	18			425.564
13	2	77.3	18	1547		584.522
14	1	86	18			146.219
15	2	53.1	18	1340		58.807
16	3	85.8	18	1906	1586	296.365
17	1	80.7	18			308.282

Type 5 Radar Waveform_14

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	55.2	17	1267	1139	355.733
2	2	67.9	17	1074		255.11
3	1	97.3	17			277.825
4	2	56.6	17	1270		511.573
5	1	65.7	17			551.931
6	2	62.8	17	1878		597.948
7	2	99.6	17	1151		139.946
8	1	54.8	17			141.734
9	2	69.9	17	1257		147.811
10	2	53.1	17	1084		434.499
11	3	74.2	17	1407	1254	453.716
12	3	82.5	17	1905	1289	468.304
13	2	65.7	17	1263		277.172
14	1	57.9	17			641.339
15	1	97.6	17			505.247
16	2	64.5	17	1693		65.565
17	2	83.8	17	1790		540.182

Type 5 Radar Waveform_15

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	59.5	14			127.624
2	3	80.2	14	1045	1752	246.047
3	2	66.1	14	1245		167.425
4	2	66.6	14	1299		250.553
5	3	66.7	14	1133	1019	15.261
6	1	90.5	14			286.058
7	3	52.8	14	1070	1409	600.806
8	2	92.1	14	1420		650.764
9	2	76.9	14	1506		148.811
10	2	81.8	14	1947		180.199
11	3	80.2	14	1203	1624	91.926
12	1	98	14			139.734
13	3	82.1	14	1470	1586	379.342
14	2	82.7	14	1641		48.949
15	2	73.5	14	1842		452.847
16	1	86	14			181.865
17	3	65.9	14	1244	1482	1.582

Type 5 Radar Waveform_16

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	89.9	9	1563		197.622
2	2	76.8	9	1489		634.363
3	2	64.8	9	1087		364.247
4	2	53.1	9	1295		220.97
5	1	72.4	9			656.913
6	2	78.6	9	1864		186.557
7	3	88.8	9	1158	1905	577.16
8	1	55.7	9			591.583
9	3	65.7	9	1895	1334	105.617
10	1	68.5	9			254.19
11	2	83.1	9	1854		629.053
12	3	83.4	9	1385	1711	406.117
13	1	94.3	9			277.9
14	3	77.7	9	1851	1623	134.493
15	1	81.8	9			381.487
16	2	74.1	9	1543		25.6
17	3	62.8	9	1710	1099	5.833
18	2	56.3	9	1391		6.267

Type 5 Radar Waveform_17

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	53.8	9	1059	1518	242.914
2	1	60.3	9			601.38
3	1	72.3	9			291.03
4	1	79.1	9			972.27
5	2	68.1	9	1885		626.71
6	3	50.7	9	1729	1194	225.46
7	1	94.1	9			958.16
8	3	64.8	9	1665	1396	816.4
9	2	65.6	9	1814		85.61
10	3	86.7	9	1118	1167	448.53
11	1	63.6	9			93.5
12	2	86.6	9	1516		17.4

Type 5 Radar Waveform_18

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	95.7	16	1080		213.465
2	2	79	16	1722		324.538
3	3	89.4	16	1113	1642	120.685
4	3	84.1	16	1420	1060	163.183
5	2	72.8	16	1072		535.021
6	3	88.1	16	1267	1863	47.748
7	2	50.7	16	1715		411.156
8	1	98.1	16			229.684
9	2	51.1	16	1430		696.011
10	1	97.9	16			181.569
11	3	64.7	16	1825	1726	531.426
12	2	53.1	16	1971		235.144
13	2	55.5	16	1663		525.602
14	1	83.9	16			614.909
15	2	75	16	1187		179.447
16	2	94.7	16	1842		569.565
17	1	50.2	16			653.282

Type 5 Radar Waveform_19

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	67.3	18	1429		306.735
2	2	61.8	18	1660		137.65
3	1	53.7	18			498.775
4	2	80.7	18	1033		125.173
5	3	65.8	18	1964	1255	102.961
6	2	81.8	18	1957		270.438
7	1	64.8	18			654.056
8	1	98.4	18			610.594
9	2	92.2	18	1153		379.061
10	2	72.8	18	1002		367.759
11	2	65.5	18	1806		659.526
12	3	92.5	18	1395	1555	306.144
13	2	89.1	18	1873		271.032
14	3	82.4	18	1798	1628	618.639
15	2	57.6	18	1504		698.547
16	1	71.3	18			120.565
17	3	54.8	18	1533	1952	459.282

Type 5 Radar Waveform_20

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	55.6	7			655.885
2	2	66.8	7	1256		1136.26
3	3	71.7	7	1225	1301	1468.06
4	1	82.2	7			1347.81
5	1	50.4	7			1169.17
6	3	92.4	7	1302	1200	46.22
7	2	73	7	1088		1121.9
8	2	94.8	7	1939		1462.8

Type 5 Radar Waveform_21

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	68.3	16			389.555
2	2	70.9	16	1724		739.003
3	3	88.8	16	1878	1599	125.806
4	3	62.6	16	1079	1386	657.579
5	1	52.4	16			106.162
6	1	90.1	16			372.535
7	2	71.8	16	1853		2.628
8	2	55.1	16	1743		674.982
9	2	86.8	16	1048		779.825
10	2	63.4	16	1741		203.048
11	3	60.7	16	1631	1488	464.581
12	2	67.9	16	1048		832.554
13	2	50.3	16	1722		845.677

Type 5 Radar Waveform_22

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	53.2	14	1564		254.425
2	1	68.3	14			499.447
3	2	52	14	1551		412.034
4	3	77.1	14	1312	1844	294.981
5	3	88.1	14	1448	1403	111.239
6	1	77.6	14			682.066
7	3	59.8	14	1310	1607	679.333
8	2	81.4	14	1611		242.34
9	1	56	14			91.447
10	1	78	14			268.874
11	3	57.3	14	1532	1741	141.261
12	2	84.7	14	1816		461.989
13	2	79.3	14	1007		165.186
14	2	83.1	14	1840		494.443

Type 5 Radar Waveform_23

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	96.1	11	1639		31.973
2	2	63.2	11	1518		205.842
3	3	80	11	1107	1195	465.485
4	2	96.4	11	1769		575.563
5	1	89.5	11			538.601
6	3	59.8	11	1230	1977	688.198
7	1	90.4	11			307.006
8	1	68.6	11			591.324
9	3	92.6	11	1488	1763	429.551
10	3	99.1	11	1636	1485	687.269
11	2	58.5	11	1688		367.286
12	2	71	11	1898		302.114
13	2	88.7	11	1065		595.452
14	3	58.1	11	1238	1146	157.289
15	1	97.9	11			213.647
16	1	54.8	11			257.565
17	3	96.1	11	1323	1714	477.082

Type 5 Radar Waveform_24

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	84	18	1254		530.769
2	3	100	18	1147	1884	615.267
3	2	89.4	18	1386		250.594
4	3	84.9	18	1438	1062	683.651
5	2	64.7	18	1321		284.169
6	1	84.8	18			353.586
7	2	67.1	18	1719		37.563
8	2	70	18	1377		435.26
9	2	81.2	18	1361		400.327
10	1	71.3	18			569.484
11	3	87.5	18	1102	1556	747.351
12	3	77.1	18	1834	1918	834.729
13	3	78.7	18	1932	1309	1.286
14	2	74.2	18	1244		187.743

Type 5 Radar Waveform_25

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	72.8	5			425.805
2	1	50.6	5			392.6
3	1	96.5	5			456.75
4	3	99.9	5	1981	1820	517.82
5	1	99.7	5			735.47
6	3	77.1	5	1367	1028	731.4
7	1	61.8	5			38.03
8	2	66.7	5	1617		402.06
9	2	69.6	5	1247		579.89
10	3	80.4	5	1678	1505	49.21
11	3	71.9	5	1598	1149	169.27
12	1	57.9	5			46.47
13	3	83.8	5	1821	1538	366.68
14	1	55.9	5			26.1
15	3	78.2	5	1056	1848	511.3

Type 5 Radar Waveform_26

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	67.9	10	1154	1661	512.807
2	2	96.3	10	1156		781.057
3	1	91.3	10			1323.953
4	1	76.5	10			1211.2
5	2	88.6	10	1701		606.907
6	2	80.8	10	1281		965.673
7	1	50.8	10			1201.96
8	3	97.6	10	1106	1373	604.407
9	3	80.5	10	1553	1123	1031.633

Type 5 Radar Waveform_27

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	57.4	18	1542		956.765
2	3	61.3	18	1105	1762	698.091
3	1	86.4	18			29.372
4	1	76.9	18			135.463
5	3	51.1	18	1917	1707	312.544
6	2	73.8	18	1132		616.185
7	3	75.2	18	1747	1811	1065.455
8	1	55.7	18			163.776
9	2	52.5	18	1862		550.507
10	2	59.7	18	1539		237.218
11	1	86.5	18			598.209

Type 5 Radar Waveform_28

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	2	77.9	6	1942		607.961
2	2	69.9	6	1758		366.28
3	3	95.5	6	1144	1730	228.02
4	2	84	6	1518		398.03
5	2	72.1	6	1538		158.12
6	2	65.6	6	1998		557.16
7	3	64.2	6	1221	1036	365.01
8	2	67.4	6	1126		592.4
9	3	62	6	1575	1753	45.61
10	3	73.1	6	1911	1848	550.19
11	3	81.5	6	1752	1261	219.61
12	3	80.4	6	1640	1744	680.46
13	3	72.3	6	1299	1744	579.34
14	3	51.6	6	1397	1090	67.25
15	1	65.6	6			593.7
16	2	99.8	6	1787		595.4

Type 5 Radar Waveform_29

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	3	96	8	1564	1707	196.287
2	1	72.9	8			208.25
3	1	88	8			7.532
4	2	72.1	8	1352		428.643
5	1	54.6	8			31.714
6	2	68.3	8	1154		467.035
7	3	95.4	8	1699	1004	200.696
8	2	98.6	8	1313		19.607
9	2	69.1	8	1133		248.578
10	1	96.4	8			382.909
11	3	59.1	8	1072	1155	620.451
12	2	84.6	8	1587		172.942
13	3	56.6	8	1330	1350	11.913
14	2	87.3	8	1382		196.154
15	2	73.4	8	1989		271.035
16	2	98.9	8	1899		491.196
17	2	54.4	8	1418		518.137
18	2	68.8	8	1719		453.058
19	2	62.7	8	1466		225.479

Type 5 Radar Waveform_30

Burst	Number of Pulses	Pulse Width (μ sec)	Chirp Width (MHz)	Pulse 1-to-2 PRI (μsec)	Pulse 2-to-3 PRI (μsec)	Start Location Within Interval (msec)
1	1	78.2	7			6.281
2	2	67.2	7	1243		618.891
3	2	51.2	7	1709		476.312
4	2	59.1	7	1942		399.103
5	2	97	7	1476		83.074
6	3	57.3	7	1445	1722	363.005
7	2	68.4	7	1164		478.166
8	2	70	7	1209		422.497
9	2	60.3	7	1557		195.218
10	3	78.2	7	1865	1969	265.789
11	2	82.6	7	1870		168.021
12	2	73	7	1744		496.312
13	2	80.6	7	1957		611.773
14	1	79.1	7			364.954
15	1	51.6	7			184.755
16	3	99.2	7	1275	1645	247.036
17	2	74.1	7	1748		498.137
18	1	51.9	7			84.758
19	2	79.7	7	1407		549.979

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

Radar waveform #1			Radar waveform #2		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
26	5503	78	34	5509	102
52	5509	156	38	5499	114
53	5491	159	--	--	--
79	5502	237	--	--	--

Radar waveform #3			Radar waveform #4		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
36	5508	108	2	5491	6
53	5503	159	--	--	--
56	5504	168	--	--	--

Radar waveform #5			Radar waveform #6		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
14	5500	42	4	5494	12
36	5506	108	6	5493	18
83	5492	249	14	5503	42
98	5501	294	46	5501	138
--	--	--	52	5491	156

Radar waveform #7			Radar waveform #8		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
32	5506	96	47	5498	141
62	5508	186	75	5491	225
80	5500	240	85	5496	255
81	5505	243	95	5494	285
98	5495	294	--	--	--
100	5509	300	--	--	--

Radar waveform #9			Radar waveform #10		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
1	5509	3	28	5504	84
23	5503	69	32	5498	96
24	5496	72	33	5510	99
48	5491	144	44	5491	132
49	5499	147	66	5501	198
94	5498	282	--	--	--

Radar waveform #11			Radar waveform #12		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Frequency (MHz)	Hopping Number	Pulse Start (ms)
7	5509	21	13	5509	39
17	5491	51	70	5497	210
27	5499	81	84	5500	252
38	5507	114	95	5493	285
64	5502	192	97	5492	291
--	--	--	100	5498	300

Radar waveform #13			Radar waveform #14		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
35	5502	105	11	5503	33
62	5497	186	16	5502	48
75	5496	225	23	5496	69
78	5503	234	25	5497	75
--	--	--	27	5501	81
--	--	--	39	5493	117
--	--	--	47	5491	141
--	--	--	57	5508	171

Radar waveform #15			Radar waveform #16		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5493	12	14	5507	42
41	5498	123	70	5505	210
44	5506	132	86	5501	258
81	5494	243	87	5493	261
86	5497	258	97	5498	291
98	5495	294	--	--	--

Radar waveform #17			Radar waveform #18		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
22	5503	66	21	5506	63
28	5498	84	25	5491	75
45	5491	135	29	5493	87
46	5494	138	41	5500	123
54	5492	162	56	5509	168
55	5501	165	87	5492	261
73	5499	219	--	--	--
92	5505	276	--	--	--

Radar waveform #19			Radar waveform #20		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
15	5491	45	6	5497	18
59	5499	177	38	5499	114
67	5492	201	48	5504	144

Radar waveform #21			Radar waveform #22		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
3	5492	9	24	5504	72
5	5501	15	36	5495	108
9	5496	27	69	5499	207
16	5498	48	86	5493	258
26	5508	78	94	5503	282
59	5495	177	--	--	--
63	5505	189	--	--	--
79	5494	237	--	--	--

Radar waveform #23			Radar waveform #24		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
8	5506	24	16	5502	48
20	5501	60	29	5509	87
83	5508	249	35	5495	105
--	--	--	72	5493	216

Radar waveform #25			Radar waveform #26		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
12	5507	36	5	5507	15
27	5509	81	39	5495	117
44	5499	132	75	5508	225
88	5502	264	91	5491	273

Radar waveform #27			Radar waveform #28		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
6	5491	18	30	5507	90
13	5493	39	36	5494	108
18	5509	54	77	5508	231
52	5495	156	83	5493	249
56	5498	168	89	5498	267
78	5497	234	--	--	--

Radar waveform #29			Radar waveform #30		
Hopping Number	Frequency (MHz)	Pulse Start (ms)	Hopping Number	Frequency (MHz)	Pulse Start (ms)
4	5491	12	4	5497	12
47	5508	141	26	5499	78
71	5492	213	91	5491	273
99	5509	297	96	5496	288

Appendix B – Test Setup Photograph

Refer to “2201RSU011-UT” file.

Appendix C – EUT Photograph

Refer to “2201RSU011-UE” file.

The End