DFS MEASUREMENT REPORT

FCC ID:	I88WX5512-T0
Applicant:	Zyxel Communications Corporation
Product:	AX6000 Gigabit Wireless Extender
Model No.:	WX5512-T0
Brand Name:	ZYXEL
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Result:	Complies
Test Date:	2022-07-03~ 2022-07-28

Reviewed By: Kevin Guo

Approved By: Robin Wu

The test results relate only to the samples tested.

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

Revision History

Report No.	Version	Description	Issue Date	Note
2207RSU003-U3	Rev. 01	Initial Report	2022-09-02	Valid

CONTENTS

1. General Information

1.1. Applicant

Zyxel Communications Corporation

No.2 Industry East RD.IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C

1.2. Manufacturer

Zyxel Communications Corporation

No.2 Industry East RD.IX, Hsinchu Science Park, Hsinchu 30075, Taiwan, R.O.C

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>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
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<tr><td>☐</td><td colspan="5">Test Site – MRT Shenzhen Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Shenzhen)
1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China</td></tr>
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<tr><td></td><td colspan="5">Laboratory Location (Taiwan)
No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)</td></tr>
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<tr><td></td><td colspan="5">TAF: L3261-190725</td></tr>
<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	AX6000 Gigabit Wireless Extender
Model No.	WX5512-T0
Serial No.	S090Y00000000 (AP Mode) S220Z25004518 (Mesh Mode – AP Sample) S220Z25004493 (Mesh Mode – Mesh Sample)
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Antenna Information	Refer to section 1.7
Working Temperature	0 ~ 40°C
Working Voltage	AC Adapter
Accessory	
AC Adapter	MODEL NO.: MAUS-1201501801 INPUT: 100-240V~50/60Hz, 0.5A OUTPUT: 12V, 1.5A
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 under Test

Frequency Range	802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz
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 600Mbps 802.11ac: up to 3466.8Mbps 802.11ax: up to 4804Mbps
Power-on cycle	Requires 79.4 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.

1.6. Working Frequencies

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

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

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

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

802.11ac-VHT80/ax-HE80

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

802.11ac-VHT160/ax-HE160

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

1.7. Antenna Details

Antenna Type	Frequency (MHz)	T_X Paths	CDD Directional Gain (dBi)	Beamforming Gain (dBi)
PIFA	2400 ~ 2483.5	4	5.82	5.82
	5150 ~ 5250	4	5.86	5.86
	5250 ~ 5350	4	5.86	5.86
	5470 ~ 5725	4	5.82	5.82
	5725 ~ 5850	4	5.89	5.89

Remark:

1. The antenna gain and directional gain refer to manufacturer's antenna specification.
2. The device supports CDD Mode and Beamforming mode, details refer to the table as below.
3. CDD and Beamforming signals are correlated, the directional gain as follows,
   the max directional gain (each angle) = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}$]

Test Mode	T_X Paths	CDD Mode	Beamforming Mode
Wi-Fi 2.4G			
802.11b/g	4	√	X
802.11n/ax	4	√	√
Wi-Fi 5G			
802.11a	4	√	X
802.11n/ac/ax	4	√	√

Note: "√" means "Support", "X" means "Not support".

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
802.11ax-HE160	50	5250 MHz
802.11ax-HE160	114	5570 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

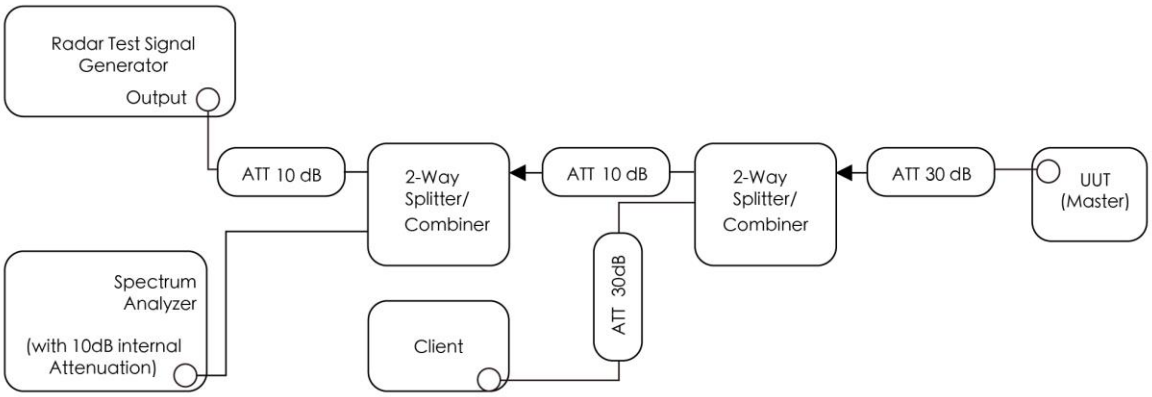
For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform. The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

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.

AP Mode:



Mesh Mode:

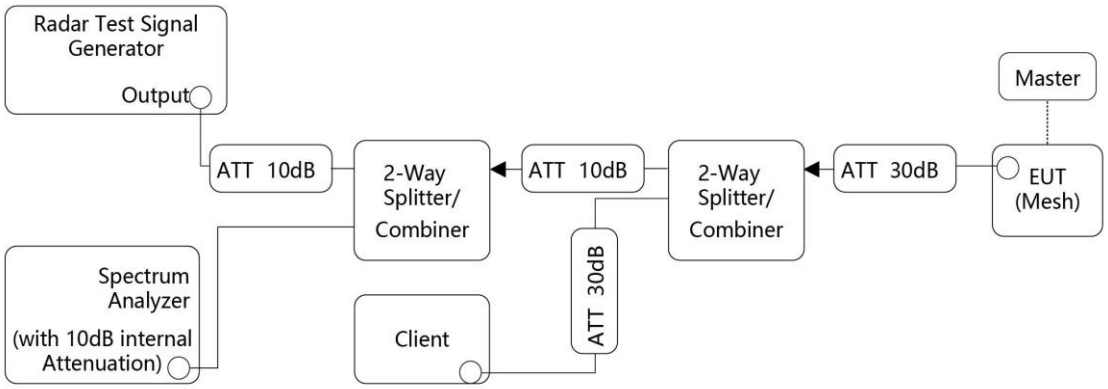


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Last Cali. Date	Cali. Due Date	Test Site
Power Divider	Woken	2-8GB	MRTSUE06261	1 year	2022-10-28	WZ
Power Divider	MVE	MVE8576	MRTSUE06267	1 year	2022-10-28	WZ
Power Divider	MVE	MVE8577	MRTSUE06268	1 year	2022-10-28	WZ
Attenuator	MVE	MVE2213	MRTSUE11093	1 year	2023-06-09	WZ
Attenuator	MVE	MVE2213	MRTSUE11094	1 year	2023-06-09	WZ
Attenuator	MVE	MVE2213	MRTSUE11095	1 year	2023-06-09	WZ
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2022-10-10	WZ-SR4
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2022-06-24 2023-07-08	WZ-SR4
Signal Analyzer	Keysight	N9010B	MRTSUE06457	1 year	2023-06-04	WZ-SR4
Signal Analyzer	Keysight	N9010B	MRTSUE07027	1 year	2022-12-05	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
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.

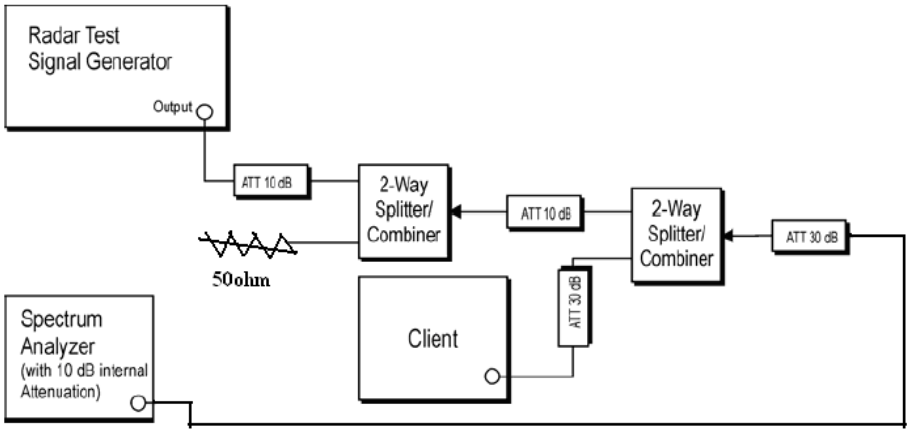


Figure 3-2: Conducted Test Setup

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.

5.3. NII Detection Bandwidth Measurement

5.3.1. Test Limit

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

5.3.2. Test Procedure

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

EUT does not comply with DFS requirements.

5.3.3. Test Result

Refer to Appendix A.2.

5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

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

5.4.2. Test Procedure

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

5.4.3. Test Result

Refer to Appendix A.3.

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

5.5.1. Test Limit

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

5.5.2. Test Procedure

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

5.5.3. Test Result

Refer to Appendix A.4.

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

5.6.1. Test Limit

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

5.6.2. Test Procedure

1. The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning of the Channel Availability Check Time.
2. The EUT is powered on at T0. T1 denotes the instant when the EUT has completed its power-up sequence. The Channel Availability Check Time commences at instant T1 and will end no sooner thanT1 + 60 seconds. A single Burst of one of Short Pulse Radar Types 0-4 at DFS Detection Threshold + 1 dB will commence within a 6 second window starting at T1+ 54 seconds.
3. Visual indication on the EUT of successful detection of the radar Burst will be recorded and reported. Observation of emissions will continue for 2.5 minutes after the radar Burst has been generated. Verify that during the 2.5 minutes measurement window no EUT transmissions occurred.

5.6.3. Test Result

Refer to Appendix A.5.

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

5.7.1. Test Limit

The EUT has In-Service Monitoring function to continuously monitor the radar signals. If the radar is detected, must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec. The total duration of Channel Closing Transmission Time is 260ms, consisting of data signals and the aggregate of control signals, by a U-NII device during the Channel Move Time. The Non-Occupancy Period time is 30 minutes 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.6.

5.8. Statistical Performance Check Measurement

5.8.1. Test Limit

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

Radar Type	Minimum Number of Trails	Detection Probability
0	30	Pd > 60%
1	30(15 of test A and 15 of test B)	Pd > 60%
2	30	Pd > 60%
3	30	Pd > 60%
4	30	Pd > 60%
Aggregate (Radar Types 1-4)	120	Pd > 80%
5	30	Pd > 80%
6	30	Pd > 70%
Note: The percentage of successful detection is calculated by: (Total Waveform Detections/ Total Waveform Trails) * 100 = Probability of Detection Radar Waveform In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows:(Pd1 + Pd2 + Pd3 + Pd4) / 4.		

5.8.2. Test Procedure

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

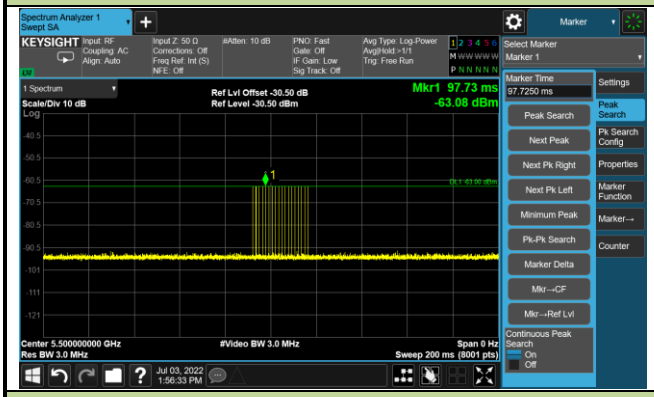
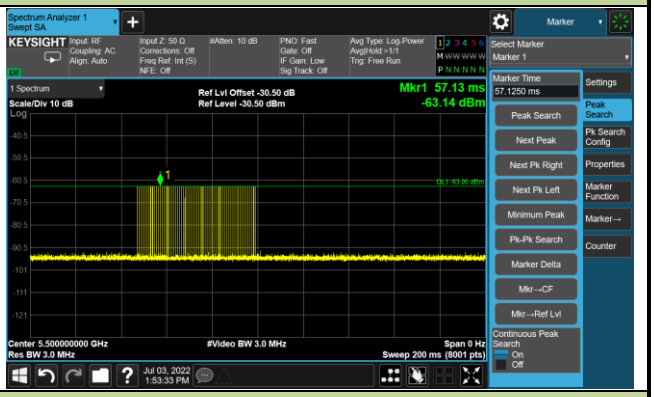
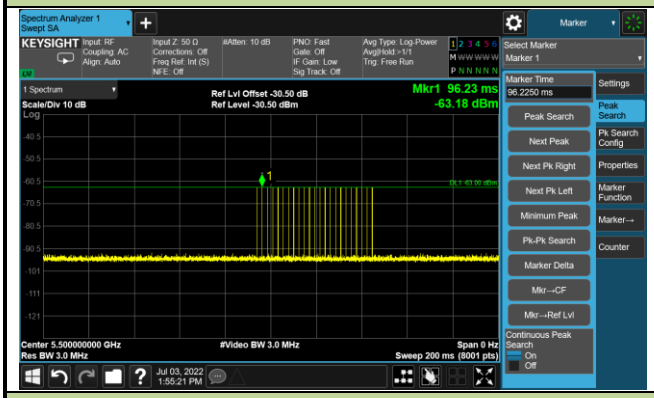
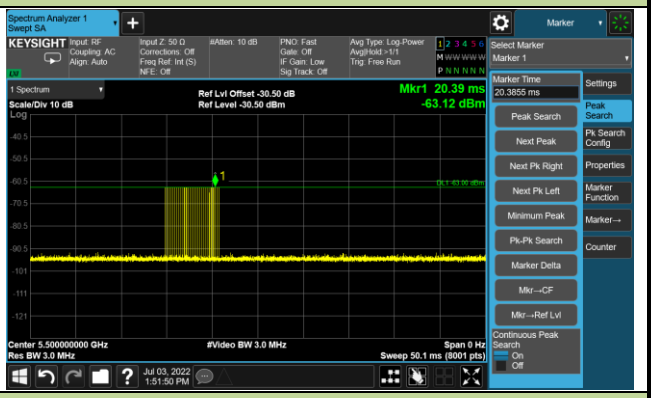
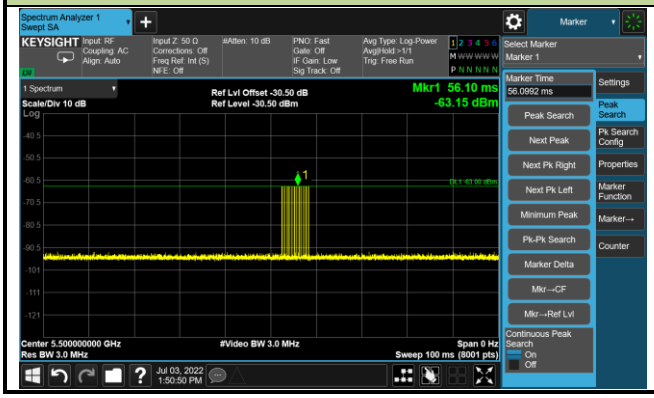
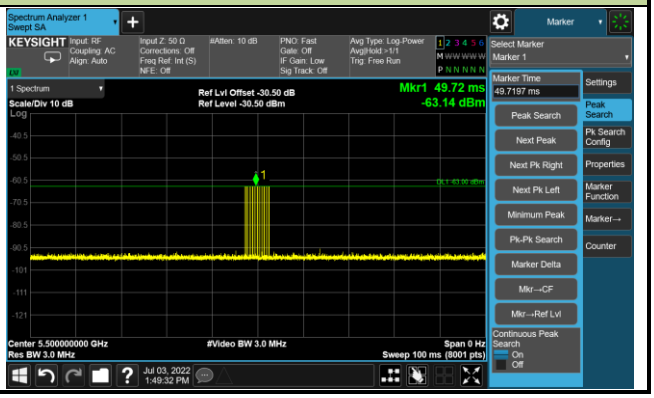
5.8.3. Test Result

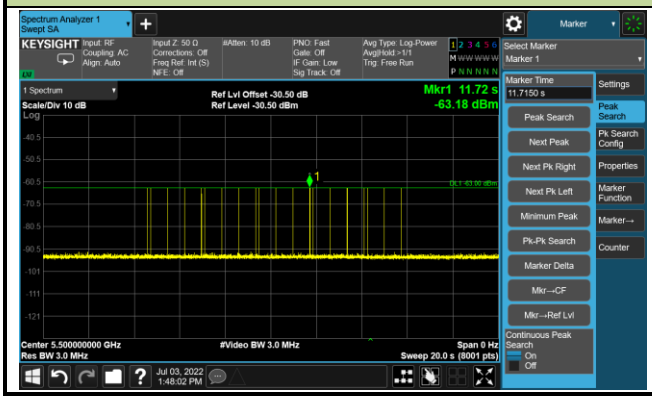
Refer to Appendix A.7.

Appendix A – Test Result

A.1 Calibration Test Result

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-03	Test Item	Radar Waveform Calibration

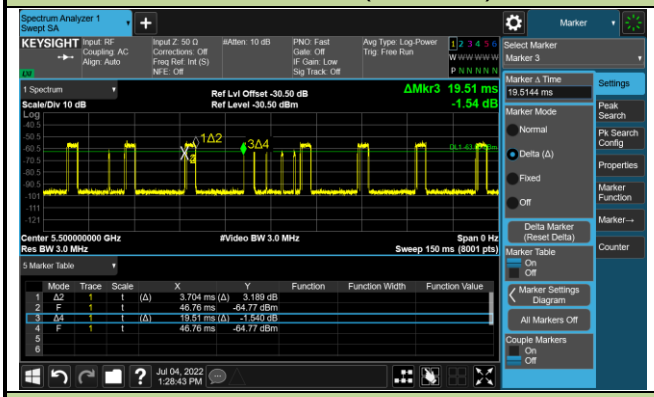
Radar Waveform Calibration	
Radar #0	Radar #1 (Test A) PRI = 838 us and the number of pulses = 63
	
Radar #1(Test B) PRI = 2.3 ms and the number of pulses = 23	Radar #2
	
Radar #3	Radar #4
	

Radar #5	Radar #6
	

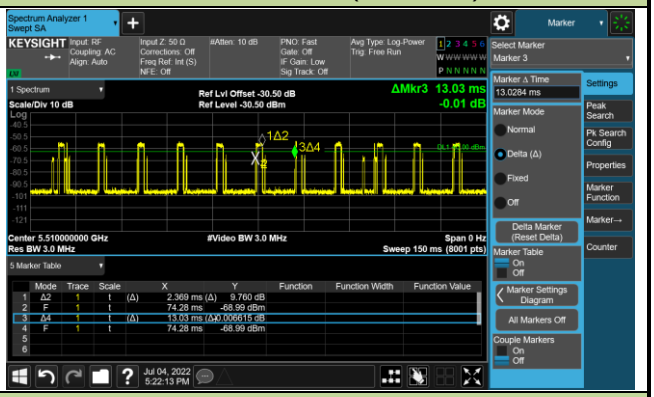
A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-03 ~ 2022-07-05	Test Item	Channel Loading

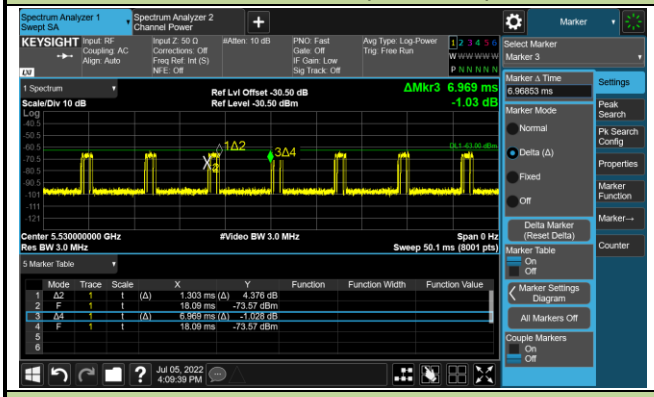
802.11ax-HE20 (5500MHz)



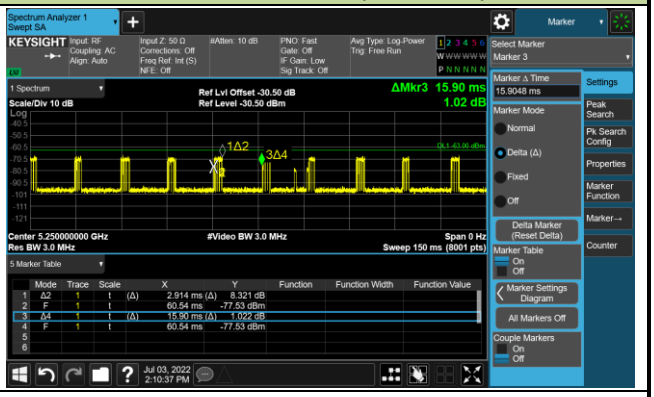
802.11ax-HE40 (5510MHz)



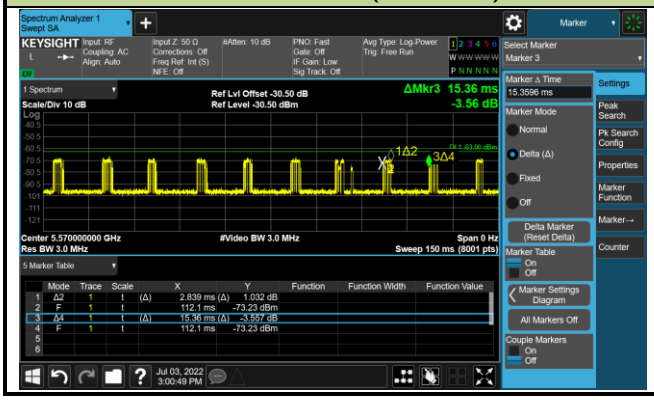
802.11ax-HE80 (5530MHz)



802.11ax-HE160 (5250MHz)



802.11ax-HE160 (5570MHz)



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	18.99%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	18.18%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	18.70%	≥ 17%	Pass
802.11ax-HE160	5250 MHz	18.33%	≥ 17%	Pass
802.11ax-HE160	5570 MHz	18.48%	≥ 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	Lynn Yang
Test Date	2022-07-05		
Test Item	Detection Bandwidth (802.11ax-HE20-5500MHz)		
Test Mode	AP Mode		

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 19.218MHz. (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): 19.218MHz x 100% = 19.218MHz.

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-05		
Test Item	Detection Bandwidth (802.11ax-HE40-5510MHz)		
Test Mode	AP Mode		

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 37.660MHz. (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): 37.660MHz x 100% = 37.660MHz.

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-05		
Test Item	Detection Bandwidth (802.11ax-HE80-5530MHz)		
Test Mode	AP Mode		

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	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570 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 77.059MHz. (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): 77.059MHz x 100% = 77.059MHz.

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-05		
Test Item	Detection Bandwidth (802.11ax-HE160-5250MHz)		
Test Mode	AP Mode		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5250 FL	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5330 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 5250MHz. The 99% channel bandwidth within U-NII Band-2A is 77.10MHz (99% BW / 2 = 154.20MHz / 2 = 77.10MHz). (See the 99% BW section of the RF report for further measurement details).
Note 2: Detection Bandwidth = FH – FL = 5330MHz – 5250MHz = 80MHz.
Note 3: NII Detection Bandwidth Min. Limit (MHz): 77.10MHz x 100% = 77.10MHz.

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-05		
Test Item	Detection Bandwidth (802.11ax-HE160-5570MHz)		
Test Mode	AP 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 FL	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570	1	1	1	1	1	1	1	1	1	1	100%
5575	1	1	1	1	1	1	1	1	1	1	100%
5580	1	1	1	1	1	1	1	1	1	1	100%
5585	1	1	1	1	1	1	1	1	1	1	100%
5590	1	1	1	1	1	1	1	1	1	1	100%
5595	1	1	1	1	1	1	1	1	1	1	100%
5600	1	1	1	1	1	1	1	1	1	1	100%
5605	1	1	1	1	1	1	1	1	1	1	100%
5610	1	1	1	1	1	1	1	1	1	1	100%
5615	1	1	1	1	1	1	1	1	1	1	100%
5620	1	1	1	1	1	1	1	1	1	1	100%
5625	1	1	1	1	1	1	1	1	1	1	100%
5630	1	1	1	1	1	1	1	1	1	1	100%
5635	1	1	1	1	1	1	1	1	1	1	100%
5640	1	1	1	1	1	1	1	1	1	1	100%

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5645	1	1	1	1	1	1	1	1	1	1	100%
5650 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 5570MHz. The 99% channel bandwidth is 155.52MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5650MHz – 5490MHz = 160MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 155.52MHz x 100% = 155.52MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-07-27		
Test Item	Detection Bandwidth (802.11ax-HE20-5500MHz)		
Test Mode	Mesh Mode		

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 19.218MHz. (See the 99% BW section of the RF report for further measurement details).

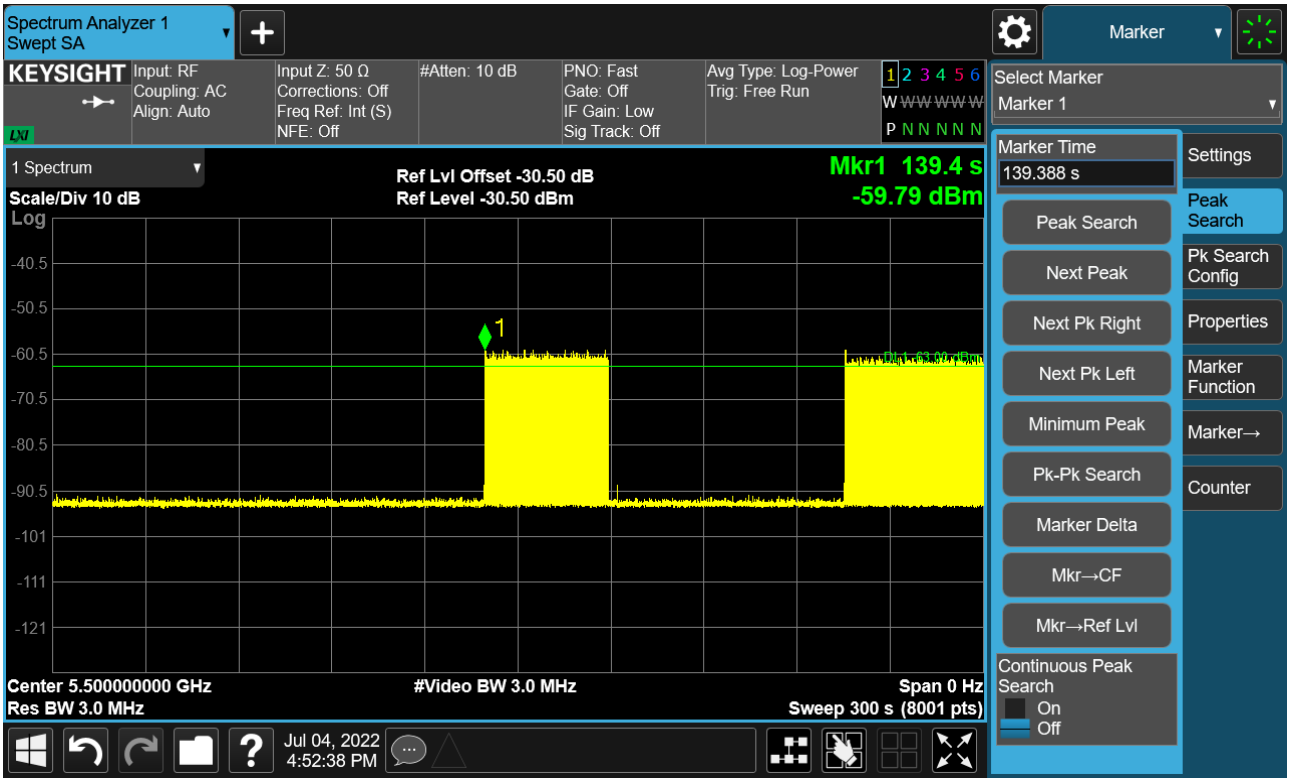
Note 2: Detection Bandwidth = FH – FL = 5510MHz – 5490MHz = 20MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 19.218MHz x 100% = 19.218MHz.

A.4 Initial Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-05		
Test Item	Initial Channel Availability Check Time (802.11ax-HE20-5500MHz)		
Test Mode	AP Mode		

Initial Channel Availability Check Time



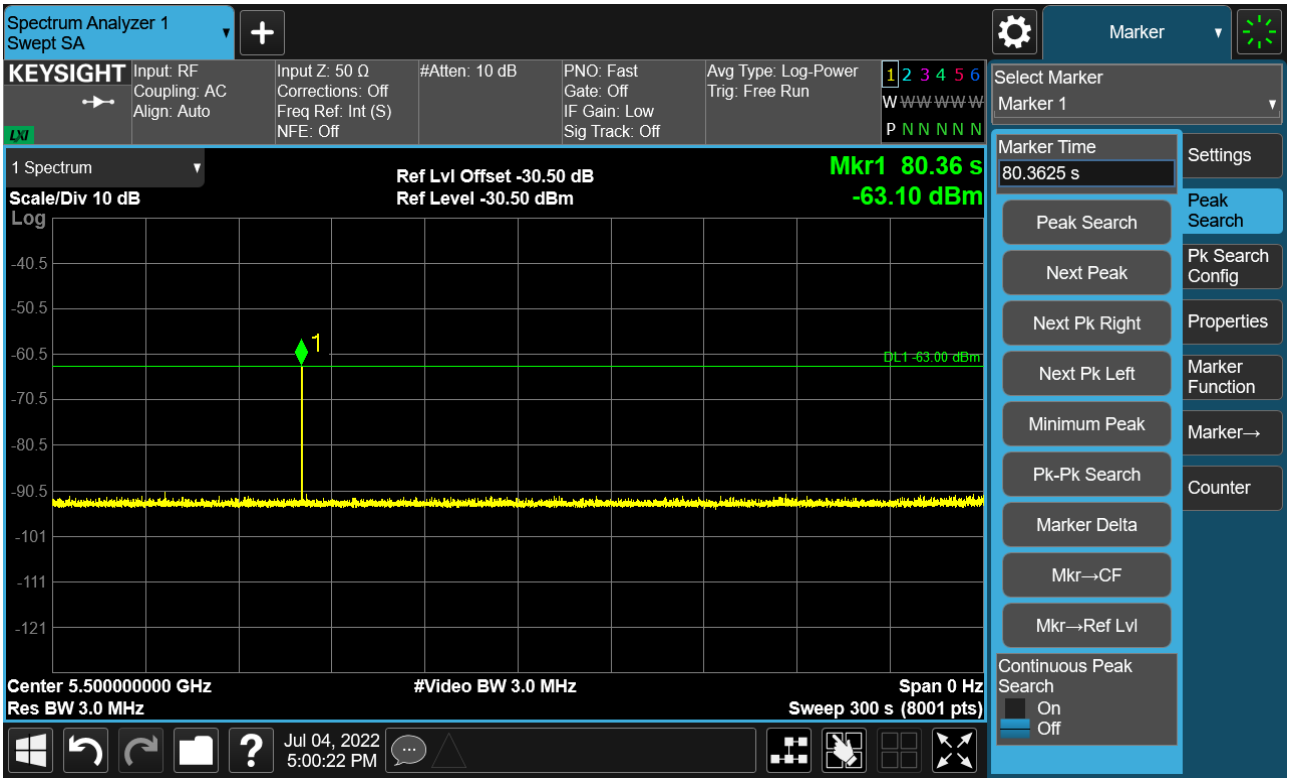
Note 1: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (79.4sec). Initial beacons/data transmissions are indicated by marker 1 (139.4sec).

Note 2: When the root of EUT is completed (at 139.4sec), the EUT will detect whether there is an uplink signal in the next 80sec. If not, the EUT will automatically enter Mesh mode.

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

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-04		
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20-5500MHz)		
Test Mode	AP Mode		

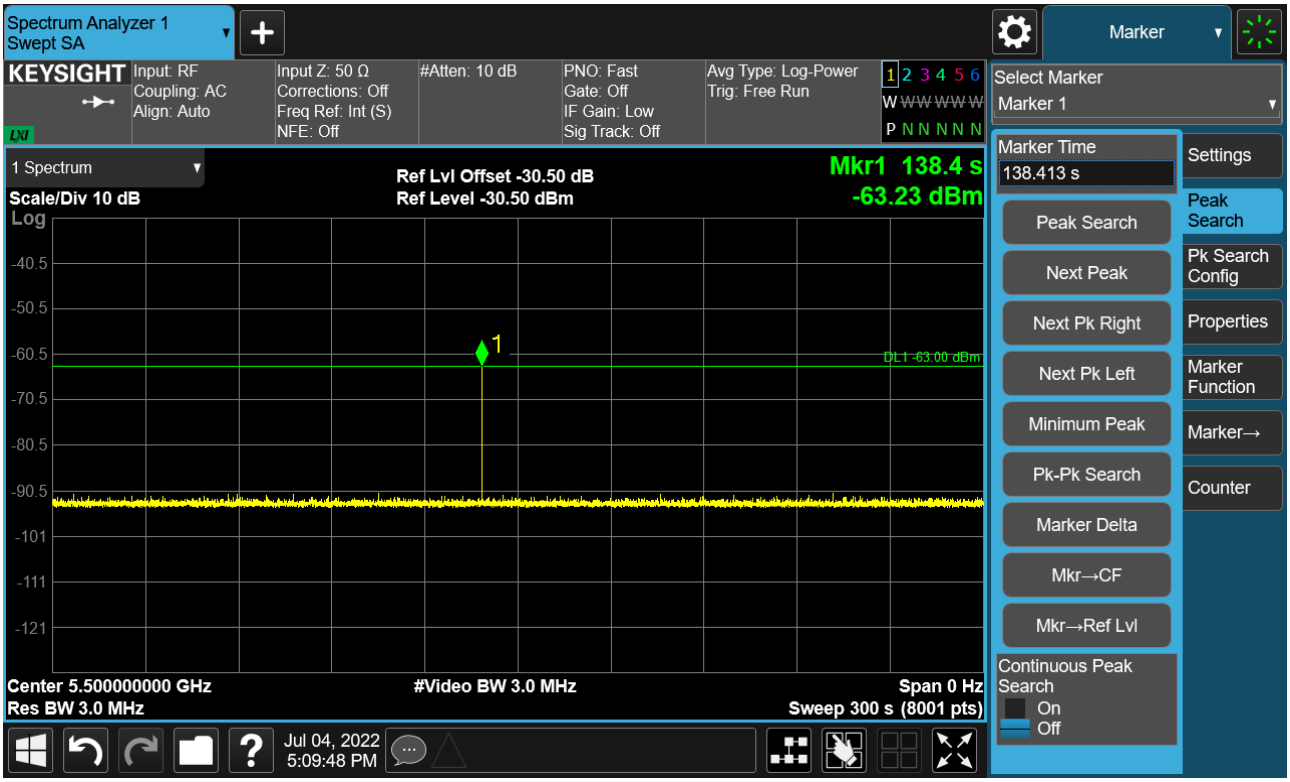
Beginning of the Channel Availability Check Time



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

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-04		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20-5500MHz)		
Test Mode	AP Mode		

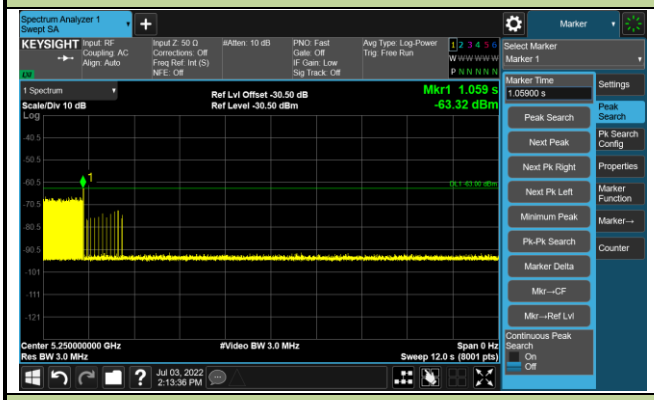
End of the Channel Availability Check Time

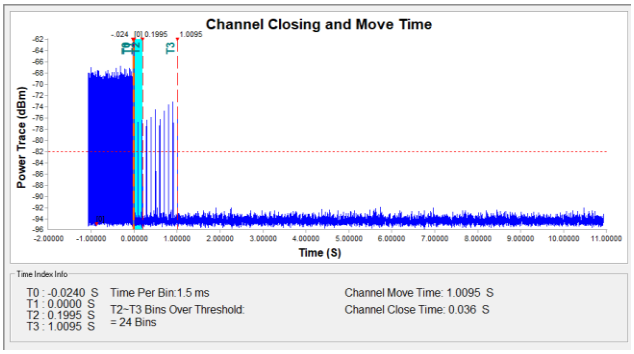


A.7 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

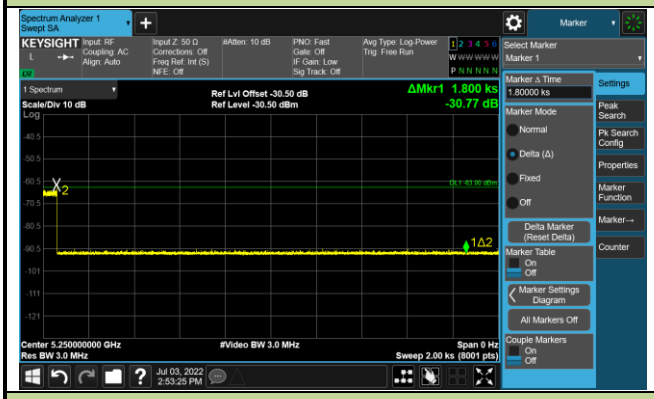
Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-03		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160-5250MHz)		
Test Mode	AP Mode		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period

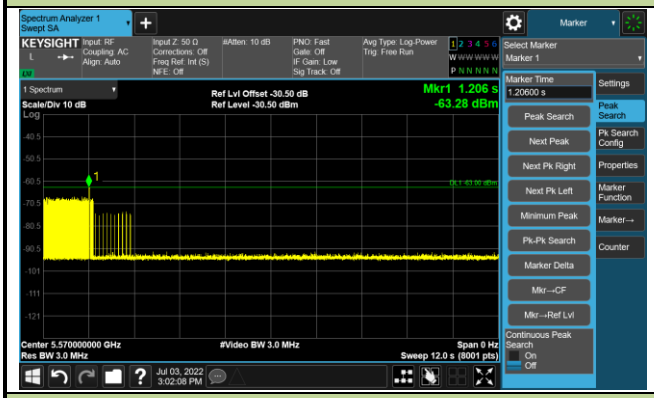


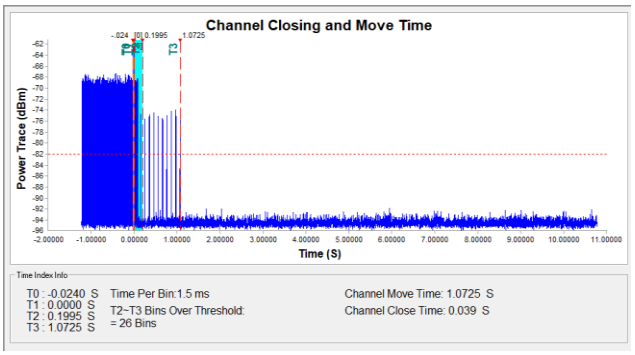
Parameter	Test Result	Limit
Channel Move Time (s)	1.0095s	<10s
Channel Closing Transmission Time (ms) (Note)	36.0ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

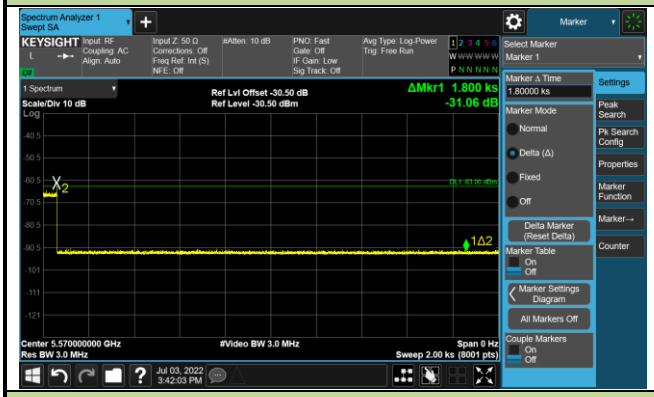
Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-03		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160-5570MHz)		
Test Mode	AP Mode		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	1.0725s	<10s
Channel Closing Transmission Time (ms) (Note)	39.0ms	< 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	Lynn Yang
Test Date	2022-07-06 ~ 2022-07-08		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)		
Test Mode	AP Mode		

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	5500	1	5505	1	5496	1	5494	1
1	5508	1	5493	1	5495	0	5490	1
2	5499	1	5500	1	5494	1	5504	1
3	5503	1	5495	1	5493	1	5507	1
4	5493	1	5507	1	5497	1	5499	1
5	5499	1	5495	1	5495	1	5491	1
6	5506	1	5496	1	5498	1	5510	0
7	5494	1	5507	1	5494	1	5498	1
8	5507	1	5494	1	5500	1	5503	1
9	5495	1	5496	1	5507	1	5502	1
10	5507	1	5493	1	5498	1	5507	1
11	5498	1	5498	1	5508	1	5503	1
12	5497	1	5493	1	5503	1	5492	1
13	5492	1	5505	1	5497	1	5498	1
14	5509	1	5501	1	5510	1	5502	1
15	5497	1	5508	1	5499	1	5500	1
16	5499	1	5504	1	5503	1	5501	1
17	5504	1	5497	1	5501	1	5491	1
18	5503	1	5496	1	5502	1	5492	1
19	5510	1	5501	1	5490	1	5502	1
20	5505	1	5502	1	5506	1	5499	1
21	5507	1	5509	1	5509	0	5495	1
22	5503	1	5497	1	5497	1	5494	1
23	5499	1	5510	1	5492	1	5506	1
24	5504	1	5501	1	5507	1	5507	1
25	5493	1	5493	1	5508	1	5508	1
26	5490	1	5490	1	5507	1	5507	1
27	5499	1	5508	1	5508	1	5503	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	5504	1	5501	1	5495	1	5507	0
29	5490	1	5499	1	5499	1	5504	1
Probability:	**100.0%**		**100.0%**		**93.3%**		**93.3%**	
Aggregate:	**96.7% (>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	538.0	99	53262.0
Download	1	Type 1	1.0	898.0	59	52982.0
Download	2	Type 1	1.0	558.0	95	53010.0
Download	3	Type 1	1.0	938.0	57	53466.0
Download	4	Type 1	1.0	518.0	102	52836.0
Download	5	Type 1	1.0	738.0	72	53136.0
Download	6	Type 1	1.0	618.0	86	53148.0
Download	7	Type 1	1.0	638.0	83	52954.0
Download	8	Type 1	1.0	878.0	61	53558.0
Download	9	Type 1	1.0	678.0	78	52884.0
Download	10	Type 1	1.0	718.0	74	53132.0
Download	11	Type 1	1.0	798.0	67	53466.0
Download	12	Type 1	1.0	838.0	63	52794.0
Download	13	Type 1	1.0	918.0	58	53244.0
Download	14	Type 1	1.0	758.0	70	53060.0
Download	15	Type 1	1.0	1937.0	28	54236.0
Download	16	Type 1	1.0	1755.0	31	54405.0
Download	17	Type 1	1.0	2998.0	18	53964.0
Download	18	Type 1	1.0	589.0	90	53010.0
Download	19	Type 1	1.0	1377.0	39	53703.0
Download	20	Type 1	1.0	1141.0	47	53627.0
Download	21	Type 1	1.0	2849.0	19	54131.0
Download	22	Type 1	1.0	2479.0	22	54538.0
Download	23	Type 1	1.0	2006.0	27	54162.0
Download	24	Type 1	1.0	1055.0	51	53805.0
Download	25	Type 1	1.0	790.0	67	52930.0
Download	26	Type 1	1.0	2593.0	21	54453.0
Download	27	Type 1	1.0	1828.0	29	53012.0
Download	28	Type 1	1.0	2252.0	24	54048.0
Download	29	Type 1	1.0	2197.0	25	54925.0

Radar Type 2 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	1.3	150.0	23	3450.0
Download	1	Type 2	4.1	172.0	28	4816.0
Download	2	Type 2	4.7	184.0	29	5336.0
Download	3	Type 2	2.9	159.0	26	4134.0
Download	4	Type 2	4.5	207.0	29	6003.0
Download	5	Type 2	5.0	209.0	29	6061.0
Download	6	Type 2	3.1	181.0	26	4706.0
Download	7	Type 2	1.0	217.0	23	4991.0
Download	8	Type 2	2.7	161.0	25	4025.0
Download	9	Type 2	2.6	228.0	25	5700.0
Download	10	Type 2	4.0	175.0	28	4900.0
Download	11	Type 2	1.4	197.0	23	4531.0
Download	12	Type 2	4.9	185.0	29	5365.0
Download	13	Type 2	1.9	221.0	24	5304.0
Download	14	Type 2	1.7	158.0	24	3792.0
Download	15	Type 2	2.7	174.0	25	4350.0
Download	16	Type 2	3.3	222.0	27	5994.0
Download	17	Type 2	2.8	225.0	26	5850.0
Download	18	Type 2	3.1	187.0	26	4862.0
Download	19	Type 2	1.4	212.0	23	4876.0
Download	20	Type 2	1.6	170.0	24	4080.0
Download	21	Type 2	1.4	179.0	23	4117.0
Download	22	Type 2	4.1	216.0	28	6048.0
Download	23	Type 2	1.2	229.0	23	5267.0
Download	24	Type 2	4.7	200.0	29	5800.0
Download	25	Type 2	3.2	224.0	26	5824.0
Download	26	Type 2	2.2	163.0	25	4075.0
Download	27	Type 2	2.1	210.0	24	5040.0
Download	28	Type 2	2.5	182.0	25	4550.0
Download	29	Type 2	1.8	192.0	24	4608.0

Radar Type 3 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	6.3	354.0	16	5664.0
Download	1	Type 3	9.1	472.0	18	8496.0
Download	2	Type 3	9.7	299.0	18	5382.0
Download	3	Type 3	7.9	295.0	17	5015.0
Download	4	Type 3	9.5	449.0	18	8082.0
Download	5	Type 3	10.0	298.0	18	5364.0
Download	6	Type 3	8.1	488.0	17	8296.0
Download	7	Type 3	6.0	466.0	16	7456.0
Download	8	Type 3	7.7	238.0	17	4046.0
Download	9	Type 3	7.6	321.0	17	5457.0
Download	10	Type 3	9.0	296.0	18	5328.0
Download	11	Type 3	6.4	239.0	16	3824.0
Download	12	Type 3	9.9	372.0	18	6696.0
Download	13	Type 3	6.9	235.0	16	3760.0
Download	14	Type 3	6.7	380.0	16	6080.0
Download	15	Type 3	7.7	317.0	17	5389.0
Download	16	Type 3	8.3	487.0	17	8279.0
Download	17	Type 3	7.8	425.0	17	7225.0
Download	18	Type 3	8.1	207.0	17	3519.0
Download	19	Type 3	6.4	280.0	16	4480.0
Download	20	Type 3	6.6	209.0	16	3344.0
Download	21	Type 3	6.4	364.0	16	5824.0
Download	22	Type 3	9.1	339.0	18	6102.0
Download	23	Type 3	6.2	230.0	16	3680.0
Download	24	Type 3	9.7	206.0	18	3708.0
Download	25	Type 3	8.2	446.0	17	7582.0
Download	26	Type 3	7.2	460.0	16	7360.0
Download	27	Type 3	7.1	252.0	16	4032.0
Download	28	Type 3	7.5	274.0	17	4658.0
Download	29	Type 3	6.8	237.0	16	3792.0

Radar Type 4 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	11.7	354.0	12	4248.0
Download	1	Type 4	17.8	472.0	15	7080.0
Download	2	Type 4	19.3	299.0	16	4784.0
Download	3	Type 4	15.3	295.0	14	4130.0
Download	4	Type 4	18.8	449.0	16	7184.0
Download	5	Type 4	20.0	298.0	16	4768.0
Download	6	Type 4	15.7	488.0	14	6832.0
Download	7	Type 4	11.0	466.0	12	5592.0
Download	8	Type 4	14.8	238.0	14	3332.0
Download	9	Type 4	14.5	321.0	13	4173.0
Download	10	Type 4	17.7	296.0	15	4440.0
Download	11	Type 4	11.9	239.0	12	2868.0
Download	12	Type 4	19.7	372.0	16	5952.0
Download	13	Type 4	13.2	235.0	13	3055.0
Download	14	Type 4	12.7	380.0	12	4560.0
Download	15	Type 4	14.8	317.0	14	4438.0
Download	16	Type 4	16.2	487.0	14	6818.0
Download	17	Type 4	15.0	425.0	14	5950.0
Download	18	Type 4	15.8	207.0	14	2898.0
Download	19	Type 4	12.0	280.0	12	3360.0
Download	20	Type 4	12.4	209.0	12	2508.0
Download	21	Type 4	12.1	364.0	12	4368.0
Download	22	Type 4	18.0	339.0	15	5085.0
Download	23	Type 4	11.4	230.0	12	2760.0
Download	24	Type 4	19.3	206.0	16	3296.0
Download	25	Type 4	15.9	446.0	14	6244.0
Download	26	Type 4	13.8	460.0	13	5980.0
Download	27	Type 4	13.5	252.0	13	3276.0
Download	28	Type 4	14.4	274.0	13	3562.0
Download	29	Type 4	12.9	237.0	13	3081.0

Radar Type 5 – Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5500	1	15	5494.4	1
1	5500	1	16	5495.6	1
2	5500	1	17	5494.8	1
3	5500	1	18	5495.2	1
4	5500	1	19	5492.4	1
5	5500	1	20	5507.2	1
6	5500	1	21	5507.6	1
7	5500	1	22	5503.2	1
8	5500	1	23	5508	1
9	5500	1	24	5502.4	1
10	5496.4	1	25	5504.8	1
11	5492.4	1	26	5506.4	1
12	5498	1	27	5506.4	1
13	5493.2	1	28	5505.6	1
14	5493.2	1	29	5506.8	1
Detection Percentage (%)			**100.0%**		

Type 5 Radar Waveform_0							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	437851.0	54.3	6	1	1336.0	-	-
1	759460.0	87.9	6	3	1328.0	1175.0	1357.0
2	1081369.0	95.8	6	3	1639.0	1245.0	1628.0
3	74947.0	73.8	6	2	1280.0	1110.0	-
4	397218.0	92.9	6	3	1300.0	1045.0	1802.0
5	719577.0	99.7	6	3	1343.0	1302.0	1521.0
6	1042929.0	76.0	6	2	1566.0	1341.0	-
7	35198.0	50.5	6	1	1965.0	-	-
8	357948.0	71.2	6	2	1371.0	1147.0	-

Type 5 Radar Waveform_1							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	359691.0	69.7	17	2	1090.0	1585.0	-
1	528744.0	87.0	17	3	1184.0	1731.0	1746.0
2	702102.0	55.2	17	1	1360.0	-	-
3	167744.0	98.2	17	3	1106.0	1218.0	1978.0
4	339234.0	62.1	17	1	1532.0	-	-
5	509762.0	59.6	17	1	1945.0	-	-
6	680125.0	70.9	17	2	1281.0	1041.0	-
7	146995.0	79.1	17	2	1814.0	1486.0	-
8	317840.0	72.0	17	2	1146.0	1164.0	-
9	488217.0	76.5	17	2	1363.0	1324.0	-
10	660227.0	55.6	17	1	1126.0	-	-
11	126290.0	57.8	17	1	1712.0	-	-
12	297059.0	56.1	17	1	1747.0	-	-
13	465702.0	88.8	17	3	1666.0	1592.0	1698.0
14	639109.0	52.6	17	1	1196.0	-	-
15	104837.0	95.8	17	3	1583.0	1345.0	1574.0
16	275468.0	77.2	17	2	1612.0	1553.0	-

Type 5 Radar Waveform_2							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	399926.0	65.4	19	1	1312.0	-	-
1	552182.0	64.2	19	1	2000.0	-	-
2	75247.0	69.0	19	2	1404.0	1004.0	-
3	228207.0	60.9	19	1	1397.0	-	-
4	381016.0	51.2	19	1	1446.0	-	-
5	533488.0	59.1	19	1	1866.0	-	-
6	56552.0	56.7	19	1	1279.0	-	-
7	209466.0	55.5	19	1	1139.0	-	-
8	362212.0	52.6	19	1	1410.0	-	-
9	513637.0	69.7	19	2	1557.0	1580.0	-
10	37556.0	97.8	19	3	1190.0	1102.0	1774.0
11	190137.0	67.4	19	2	1490.0	1288.0	-
12	341591.0	98.4	19	3	1673.0	1177.0	1855.0
13	494184.0	96.7	19	3	1274.0	1633.0	1091.0
14	18805.0	88.2	19	3	1773.0	1392.0	1048.0
15	171307.0	81.6	19	2	1417.0	1525.0	-
16	323829.0	77.8	19	2	1657.0	1173.0	-
17	474500.0	99.7	19	3	1812.0	1886.0	1535.0
18	63.0	86.8	19	3	1892.0	1061.0	1342.0

Type 5 Radar Waveform_3

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	207006.0	93.5	12	3	1702.0	1084.0	1185.0
1	413771.0	92.4	12	3	1718.0	1408.0	1167.0
2	622664.0	63.4	12	1	1476.0	–	–
3	827690.0	98.7	12	3	1093.0	1057.0	1903.0
4	181642.0	75.2	12	2	1435.0	1953.0	–
5	388885.0	75.3	12	2	1265.0	1727.0	–
6	595660.0	73.4	12	2	1915.0	1626.0	–
7	803315.0	75.7	12	2	1054.0	1818.0	–
8	155976.0	88.3	12	3	1115.0	1616.0	1537.0
9	362818.0	94.2	12	3	1153.0	1660.0	1471.0
10	569800.0	98.3	12	3	1239.0	1412.0	1429.0
11	775128.0	99.2	12	3	1948.0	1973.0	1879.0
12	130490.0	93.1	12	3	1022.0	1811.0	1478.0
13	337759.0	78.1	12	2	1926.0	1297.0	–

Type 5 Radar Waveform_4

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	401778.0	65.7	18	1	1904.0	–	–
1	552355.0	84.3	18	3	1124.0	1523.0	1685.0
2	77637.0	61.7	18	1	1069.0	–	–
3	229668.0	81.6	18	2	1756.0	1740.0	–
4	383448.0	60.3	18	1	1112.0	–	–
5	534541.0	68.4	18	2	1874.0	1372.0	–
6	58593.0	77.8	18	2	1401.0	1901.0	–
7	210221.0	98.6	18	3	1737.0	1971.0	1824.0
8	362682.0	92.6	18	3	1434.0	1255.0	1762.0
9	517535.0	59.4	18	1	1096.0	–	–
10	39708.0	90.0	18	3	1272.0	1940.0	1919.0
11	192432.0	73.2	18	2	1364.0	1183.0	–
12	345329.0	61.7	18	1	1931.0	–	–
13	497732.0	73.7	18	2	1150.0	1169.0	–
14	21046.0	79.9	18	2	1548.0	1991.0	–
15	173658.0	67.4	18	2	1329.0	1152.0	–
16	325684.0	76.3	18	2	1694.0	1847.0	–
17	478324.0	78.3	18	2	1468.0	1652.0	–
18	2279.0	89.1	18	3	1922.0	1599.0	1431.0

Type 5 Radar Waveform_5

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	147383.0	65.9	20	1	1293.0	–	–
1	292619.0	52.2	20	1	1230.0	–	–
2	436165.0	84.8	20	3	1325.0	1142.0	1053.0
3	582752.0	51.9	20	1	1546.0	–	–
4	129479.0	65.6	20	1	1377.0	–	–
5	273202.0	93.8	20	3	1223.0	1454.0	1885.0
6	417836.0	85.6	20	3	1439.0	1788.0	1019.0
7	562998.0	77.9	20	2	1960.0	1573.0	–
8	110957.0	83.5	20	3	1182.0	1724.0	1894.0
9	255992.0	68.5	20	2	1826.0	1389.0	–
10	401715.0	61.3	20	1	1749.0	–	–
11	547224.0	54.4	20	1	1296.0	–	–
12	93440.0	70.6	20	2	1893.0	1219.0	–
13	238705.0	54.6	20	1	1858.0	–	–
14	381697.0	89.3	20	3	1842.0	1577.0	1675.0
15	527535.0	82.7	20	2	1697.0	1638.0	–
16	75859.0	62.4	20	1	1134.0	–	–
17	220495.0	76.4	20	2	1111.0	1669.0	–
18	364115.0	100.0	20	3	1129.0	1859.0	1794.0
19	510035.0	67.5	20	2	1827.0	1128.0	–

Type 5 Radar Waveform_6

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	82675.0	81.3	13	2	1522.0	1508.0	-
1	290493.0	58.9	13	1	1059.0	-	-
2	496405.0	95.0	13	3	1418.0	1510.0	1079.0
3	702397.0	99.9	13	3	1993.0	1591.0	1539.0
4	57264.0	54.0	13	1	1469.0	-	-
5	264899.0	58.7	13	1	1122.0	-	-
6	472113.0	52.0	13	1	1843.0	-	-
7	679760.0	63.6	13	1	1578.0	-	-
8	31582.0	99.8	13	3	1099.0	1678.0	1908.0
9	238280.0	95.9	13	3	1411.0	1620.0	1830.0
10	446302.0	70.8	13	2	1130.0	1210.0	-
11	653096.0	67.9	13	2	1679.0	1344.0	-
12	6131.0	69.9	13	2	1383.0	1077.0	-
13	213605.0	60.1	13	1	1715.0	-	-

Type 5 Radar Waveform_7

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	736934.0	77.2	5	2	1768.0	1118.0	-
1	1099869.0	75.8	5	2	1353.0	1754.0	-
2	1462671.0	81.0	5	2	1840.0	1514.0	-
3	329027.0	82.3	5	2	1480.0	1790.0	-
4	691344.0	96.1	5	3	1571.0	1475.0	1711.0
5	1054041.0	87.8	5	3	1030.0	1851.0	1800.0
6	1418059.0	74.7	5	2	1481.0	1769.0	-
7	284083.0	90.6	5	3	1570.0	1706.0	1204.0

Type 5 Radar Waveform_8

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	397106.0	94.3	11	3	1636.0	1999.0	1251.0
1	620802.0	80.1	11	2	1565.0	1831.0	-
2	844213.0	81.3	11	2	1970.0	1035.0	-
3	147498.0	55.0	11	1	1686.0	-	-
4	370686.0	69.4	11	2	1366.0	1010.0	-
5	593582.0	68.5	11	2	1717.0	1284.0	-
6	817014.0	72.4	11	2	1582.0	1098.0	-
7	119657.0	91.1	11	3	1564.0	1107.0	1433.0
8	342745.0	67.4	11	2	1955.0	1590.0	-
9	564985.0	91.1	11	3	1981.0	1709.0	1116.0
10	788682.0	76.3	11	2	1869.0	1786.0	-
11	92497.0	60.7	11	1	1180.0	-	-
12	316080.0	57.7	11	1	1198.0	-	-

Type 5 Radar Waveform_9

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	539427.0	56.9	11	1	1603.0	-	-
1	762608.0	57.3	11	1	1972.0	-	-
2	64776.0	85.0	11	3	1047.0	1516.0	1168.0
3	287190.0	97.9	11	3	1961.0	1856.0	1693.0
4	512079.0	56.9	11	1	1278.0	-	-
5	732508.0	91.8	11	3	1957.0	1766.0	1485.0
6	37335.0	72.0	11	2	1713.0	1437.0	-
7	260433.0	78.1	11	2	1259.0	1936.0	-
8	483235.0	87.7	11	3	1370.0	1018.0	1375.0
9	705111.0	97.7	11	3	1854.0	1421.0	1902.0
10	9838.0	93.5	11	3	1186.0	1533.0	1845.0
11	232409.0	84.5	11	3	1722.0	1923.0	1696.0
12	457108.0	60.4	11	1	1066.0	-	-

Type 5 Radar Waveform_10

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	518860.0	77.5	16	2	1605.0	1506.0	-
1	690399.0	63.4	16	1	1995.0	-	-
2	157297.0	51.7	16	1	1677.0	-	-
3	327567.0	80.1	16	2	1608.0	1189.0	-
4	497555.0	80.3	16	2	1624.0	1925.0	-
5	669982.0	62.2	16	1	1352.0	-	-
6	135771.0	92.8	16	3	1384.0	1073.0	1745.0
7	305779.0	90.8	16	3	1941.0	1257.0	1396.0
8	478107.0	64.7	16	1	1289.0	-	-
9	648499.0	64.9	16	1	1825.0	-	-
10	115099.0	68.5	16	2	1409.0	1015.0	-
11	284981.0	99.1	16	3	1839.0	1002.0	1378.0
12	455253.0	89.4	16	3	1733.0	1021.0	1317.0
13	625127.0	83.5	16	3	1042.0	1900.0	1507.0
14	93788.0	91.2	16	3	1909.0	1031.0	1699.0
15	264980.0	58.7	16	1	1665.0	-	-
16	434977.0	78.4	16	2	1171.0	1784.0	-

Type 5 Radar Waveform_11

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1145472.0	79.8	6	2	1705.0	1755.0	-
1	138046.0	91.6	6	3	1037.0	1829.0	1443.0
2	461317.0	59.2	6	1	1594.0	-	-
3	784106.0	52.3	6	1	1932.0	-	-
4	1106170.0	70.2	6	2	1449.0	1497.0	-
5	98381.0	68.5	6	2	1873.0	1912.0	-
6	420524.0	96.0	6	3	1757.0	1723.0	1299.0
7	742876.0	84.4	6	3	1515.0	1426.0	1595.0
8	1065417.0	89.1	6	3	1428.0	1491.0	1285.0

Type 5 Radar Waveform_12

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	26285.0	96.1	20	3	1618.0	1233.0	1413.0
1	171637.0	52.7	20	1	1238.0	–	–
2	316777.0	62.4	20	1	1387.0	–	–
3	461870.0	56.6	20	1	1502.0	–	–
4	8505.0	82.4	20	2	1235.0	1804.0	–
5	152875.0	87.8	20	3	1290.0	1751.0	1601.0
6	297924.0	70.5	20	2	1990.0	1339.0	–
7	444259.0	58.9	20	1	1141.0	–	–
8	586170.0	91.1	20	3	1310.0	1962.0	1253.0
9	135915.0	59.0	20	1	1003.0	–	–
10	279943.0	89.3	20	3	1358.0	1097.0	1205.0
11	423989.0	87.4	20	3	1309.0	1656.0	1517.0
12	571101.0	60.7	20	1	1674.0	–	–
13	117836.0	64.1	20	1	1937.0	–	–
14	262365.0	67.9	20	2	1634.0	1488.0	–
15	407370.0	67.0	20	2	1750.0	1014.0	–
16	551249.0	92.3	20	3	1228.0	1161.0	1424.0
17	99604.0	92.4	20	3	1405.0	1144.0	1575.0
18	245276.0	66.4	20	1	1308.0	–	–
19	388352.0	98.9	20	3	1323.0	1982.0	1263.0

Type 5 Radar Waveform_13

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	973137.0	67.6	8	2	1509.0	1793.0	–
1	149569.0	58.2	8	1	1403.0	–	–
2	413284.0	80.9	8	2	1338.0	1445.0	–
3	676495.0	69.4	8	2	1920.0	1979.0	–
4	942345.0	59.2	8	1	1337.0	–	–
5	116859.0	67.9	8	2	1316.0	1589.0	–
6	381375.0	51.9	8	1	1075.0	–	–
7	644471.0	75.3	8	2	1212.0	1928.0	–
8	909380.0	58.1	8	1	1834.0	–	–
9	84482.0	57.2	8	1	1273.0	–	–
10	347456.0	95.0	8	3	1963.0	1778.0	1586.0

Type 5 Radar Waveform_14

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	674299.0	55.7	8	1	1450.0	–	–
1	962440.0	95.7	8	3	1060.0	1950.0	1600.0
2	57019.0	91.3	8	3	1071.0	1501.0	1001.0
3	347752.0	66.1	8	1	1637.0	–	–
4	637228.0	90.1	8	3	1136.0	1127.0	1562.0
5	928003.0	78.4	8	2	1447.0	1520.0	–
6	21310.0	58.1	8	1	1695.0	–	–
7	311617.0	82.6	8	2	1538.0	1385.0	–
8	601887.0	80.8	8	2	1395.0	1646.0	–
9	891872.0	78.5	8	2	1597.0	1867.0	–

Type 5 Radar Waveform_15							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	909243.0	80.4	11	2	1026.0	1680.0	–
1	211822.0	92.5	11	3	1008.0	1815.0	1052.0
2	435176.0	82.2	11	2	1783.0	1207.0	–
3	658304.0	69.4	11	2	1292.0	1728.0	–
4	880082.0	91.1	11	3	1654.0	1615.0	1176.0
5	184469.0	69.0	11	2	1430.0	1907.0	–
6	407835.0	77.4	11	2	1291.0	1369.0	–
7	629282.0	91.3	11	3	1870.0	1860.0	1530.0
8	852701.0	85.4	11	3	1247.0	1659.0	1472.0
9	157048.0	78.0	11	2	1651.0	1359.0	–
10	380453.0	76.1	11	2	1246.0	1135.0	–
11	603403.0	79.6	11	2	1803.0	1109.0	–
12	824994.0	85.6	11	3	1739.0	1752.0	1178.0

Type 5 Radar Waveform_16							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	112220.0	71.5	14	2	1103.0	1984.0	–
1	304873.0	87.9	14	3	1495.0	1266.0	1952.0
2	498655.0	71.8	14	2	1493.0	1782.0	–
3	691281.0	93.0	14	3	1311.0	1013.0	1648.0
4	88205.0	97.4	14	3	1935.0	1482.0	1544.0
5	282164.0	64.5	14	1	1744.0	–	–
6	474442.0	85.9	14	3	1725.0	1049.0	1191.0
7	666047.0	95.3	14	3	1767.0	1942.0	1996.0
8	64721.0	50.7	14	1	1662.0	–	–
9	257334.0	83.8	14	3	1872.0	1467.0	1442.0
10	452327.0	64.0	14	1	1023.0	–	–
11	643713.0	83.6	14	3	1188.0	1622.0	1170.0
12	40739.0	91.7	14	3	1691.0	1432.0	1120.0
13	234010.0	69.5	14	2	1864.0	1444.0	–
14	426699.0	98.0	14	3	1373.0	1326.0	1604.0

Type 5 Radar Waveform_17							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	716381.0	77.9	12	2	1614.0	1598.0	–
1	19573.0	88.7	12	3	1587.0	1526.0	1927.0
2	242244.0	84.2	12	3	1487.0	1880.0	1606.0
3	466494.0	59.8	12	1	1850.0	–	–
4	687153.0	85.7	12	3	1787.0	1776.0	1983.0
5	911884.0	70.4	12	2	1427.0	1899.0	–
6	214799.0	87.2	12	3	1748.0	1947.0	1350.0
7	439373.0	65.7	12	1	1012.0	–	–
8	660395.0	98.8	12	3	1138.0	1551.0	1949.0
9	886324.0	50.0	12	1	1332.0	–	–
10	187737.0	68.2	12	2	1789.0	1477.0	–
11	409944.0	98.9	12	3	1905.0	1823.0	1499.0
12	634484.0	74.5	12	2	1214.0	1208.0	–

Type 5 Radar Waveform_18							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	794963.0	84.0	13	3	1123.0	1630.0	1149.0
1	148888.0	72.8	13	2	1505.0	1087.0	–
2	355654.0	79.3	13	2	1882.0	1884.0	–
3	563382.0	68.8	13	2	1380.0	1237.0	–
4	770871.0	76.2	13	2	1195.0	1157.0	–
5	123566.0	60.1	13	1	1155.0	–	–
6	330281.0	69.7	13	2	1642.0	1810.0	–
7	537886.0	78.3	13	2	1187.0	1379.0	–
8	744717.0	68.2	13	2	1808.0	1252.0	–
9	97566.0	85.4	13	3	1806.0	1201.0	1887.0
10	305564.0	60.7	13	1	1249.0	–	–
11	512054.0	68.0	13	2	1572.0	1498.0	–
12	718196.0	94.9	13	3	1160.0	1304.0	1791.0
13	72212.0	83.3	13	2	1736.0	1906.0	–

Type 5 Radar Waveform_19							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	435289.0	79.6	6	2	1335.0	1398.0	–
1	758905.0	58.7	6	1	1148.0	–	–
2	1080412.0	68.1	6	2	1883.0	1222.0	–
3	72761.0	85.8	6	3	1137.0	1549.0	1232.0
4	395109.0	99.4	6	3	1070.0	1287.0	1822.0
5	716982.0	99.6	6	3	1479.0	1890.0	1716.0
6	1040568.0	79.5	6	2	1242.0	1997.0	–
7	33097.0	63.4	6	1	1853.0	–	–
8	355251.0	96.7	6	3	1888.0	1519.0	1333.0

Type 5 Radar Waveform_20							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	609190.0	93.9	7	3	1758.0	1670.0	1896.0
1	901763.0	66.3	7	1	1567.0	–	–
2	1189015.0	93.9	7	3	1988.0	1513.0	1489.0
3	284588.0	65.2	7	1	1807.0	–	–
4	574239.0	84.3	7	3	1011.0	1391.0	1382.0
5	865472.0	72.1	7	2	1078.0	1166.0	–
6	1155268.0	73.1	7	2	1833.0	1133.0	–
7	248222.0	93.0	7	3	1518.0	1529.0	1512.0
8	539111.0	79.2	7	2	1365.0	1067.0	–
9	830000.0	65.6	7	1	1796.0	–	–

Type 5 Radar Waveform_21							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1245813.0	61.4	6	1	1248.0	-	-
1	236669.0	61.2	6	1	1980.0	-	-
2	559151.0	78.0	6	2	1203.0	1761.0	-
3	882483.0	54.4	6	1	1944.0	-	-
4	1203378.0	95.3	6	3	1376.0	1588.0	1199.0
5	196960.0	57.4	6	1	1547.0	-	-
6	519496.0	81.6	6	2	1710.0	1027.0	-
7	841106.0	99.8	6	3	1684.0	1224.0	1568.0
8	1164133.0	69.6	6	2	1946.0	1689.0	-

Type 5 Radar Waveform_22							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	78514.0	59.6	17	1	1393.0	-	-
1	239682.0	53.2	17	1	1898.0	-	-
2	399787.0	73.4	17	2	1841.0	1918.0	-
3	559798.0	91.8	17	3	1121.0	1721.0	1821.0
4	58348.0	90.8	17	3	1459.0	1964.0	1277.0
5	219054.0	87.1	17	3	1772.0	1368.0	1080.0
6	381555.0	57.6	17	1	1017.0	-	-
7	542695.0	56.9	17	1	1386.0	-	-
8	38659.0	80.6	17	2	1703.0	1503.0	-
9	200040.0	64.2	17	1	1640.0	-	-
10	360527.0	68.9	17	2	1543.0	1576.0	-
11	520520.0	99.3	17	3	1977.0	1068.0	1268.0
12	18827.0	95.1	17	3	1240.0	1367.0	1009.0
13	179693.0	70.6	17	2	1732.0	1681.0	-
14	340732.0	76.1	17	2	1663.0	1400.0	-
15	500820.0	85.5	17	3	1939.0	1000.0	1258.0
16	664258.0	52.5	17	1	1425.0	-	-
17	160154.0	82.3	17	2	1181.0	1088.0	-

Type 5 Radar Waveform_23							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	723347.0	95.0	5	3	1554.0	1611.0	1028.0
1	1085991.0	85.5	5	3	1349.0	1763.0	1269.0
2	1451055.0	56.1	5	1	1975.0	-	-
3	315893.0	95.1	5	3	1132.0	1645.0	1355.0
4	678858.0	92.5	5	3	1104.0	1095.0	1559.0
5	1041935.0	81.6	5	2	1848.0	1635.0	-
6	1406358.0	52.4	5	1	1917.0	-	-
7	271279.0	83.5	5	3	1193.0	1331.0	1202.0

Type 5 Radar Waveform_24

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	266716.0	72.0	19	2	1125.0	1162.0	-
1	420192.0	51.5	19	1	1006.0	-	-
2	573081.0	54.2	19	1	1056.0	-	-
3	95135.0	72.8	19	2	1655.0	1676.0	-
4	247667.0	78.4	19	2	1688.0	1231.0	-
5	399880.0	67.7	19	2	1593.0	1730.0	-
6	551735.0	99.9	19	3	1034.0	1234.0	1643.0
7	76532.0	59.8	19	1	1966.0	-	-
8	229555.0	53.7	19	1	1083.0	-	-
9	380939.0	93.4	19	3	1295.0	1040.0	1271.0
10	533117.0	70.4	19	2	1780.0	1974.0	-
11	57586.0	74.5	19	2	1462.0	1998.0	-
12	210531.0	53.0	19	1	1647.0	-	-
13	362328.0	78.1	19	2	1992.0	1356.0	-
14	515020.0	76.7	19	2	1101.0	1849.0	-
15	38917.0	65.2	19	1	1914.0	-	-
16	190917.0	92.6	19	3	1743.0	1362.0	1154.0
17	343526.0	78.7	19	2	1852.0	1558.0	-
18	497547.0	60.2	19	1	1294.0	-	-

Type 5 Radar Waveform_25

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	25486.0	66.3	13	1	1861.0	-	-
1	219040.0	66.4	13	1	1934.0	-	-
2	410894.0	90.6	13	3	1959.0	1933.0	1334.0
3	606169.0	51.9	13	1	1911.0	-	-
4	1640.0	69.0	13	2	1315.0	1504.0	-
5	194441.0	92.8	13	3	1770.0	1627.0	1631.0
6	388129.0	75.1	13	2	1897.0	1319.0	-
7	580844.0	86.7	13	3	1256.0	1044.0	1644.0
8	776209.0	64.3	13	1	1581.0	-	-
9	171371.0	63.5	13	1	1862.0	-	-
10	365054.0	64.6	13	1	1625.0	-	-
11	558607.0	60.8	13	1	1735.0	-	-
12	749989.0	91.9	13	3	1085.0	1399.0	1610.0
13	147079.0	89.4	13	3	1062.0	1881.0	1347.0
14	341205.0	57.3	13	1	1621.0	-	-

Type 5 Radar Waveform_26

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	668857.0	65.0	9	1	1561.0	-	-
1	910723.0	56.0	9	1	1875.0	-	-
2	154776.0	52.6	9	1	1220.0	-	-
3	396798.0	57.7	9	1	1759.0	-	-
4	636802.0	85.9	9	3	1531.0	1672.0	1837.0
5	880838.0	51.1	9	1	1951.0	-	-
6	124502.0	99.5	9	3	1690.0	1550.0	1470.0
7	366113.0	85.2	9	3	1172.0	1552.0	1381.0
8	608168.0	66.9	9	2	1720.0	1534.0	-
9	849598.0	82.7	9	2	1954.0	1667.0	-
10	95077.0	65.1	9	1	1466.0	-	-
11	336639.0	78.0	9	2	1760.0	1524.0	-

Type 5 Radar Waveform_27							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	631233.0	79.2	9	2	1452.0	1650.0	-
1	895108.0	66.8	9	2	1055.0	1989.0	-
2	71202.0	58.8	9	1	1226.0	-	-
3	334673.0	91.0	9	3	1039.0	1484.0	1340.0
4	599631.0	52.5	9	1	1474.0	-	-
5	864157.0	63.7	9	1	1092.0	-	-
6	38588.0	71.3	9	2	1415.0	1536.0	-
7	302043.0	86.1	9	3	1113.0	1579.0	1729.0
8	565928.0	67.1	9	2	1820.0	1876.0	-
9	830280.0	81.5	9	2	1264.0	1556.0	-
10	6074.0	99.7	9	3	1938.0	1797.0	1267.0

Type 5 Radar Waveform_28							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	246853.0	85.3	11	3	1828.0	1465.0	1832.0
1	489594.0	80.1	11	2	1094.0	1072.0	-
2	732166.0	53.2	11	1	1394.0	-	-
3	972714.0	81.1	11	2	1629.0	1451.0	-
4	217439.0	85.5	11	3	1206.0	1051.0	1461.0
5	459018.0	96.4	11	3	1213.0	1158.0	1458.0
6	700038.0	89.2	11	3	1192.0	1653.0	1813.0
7	942853.0	82.5	11	2	1460.0	1704.0	-
8	187837.0	78.5	11	2	1064.0	1799.0	-
9	428960.0	85.2	11	3	1423.0	1209.0	1889.0
10	670760.0	95.8	11	3	1607.0	1065.0	1307.0
11	915048.0	63.0	11	1	1007.0	-	-

Type 5 Radar Waveform_29							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	189771.0	70.7	8	2	1563.0	1159.0	-
1	480571.0	62.5	8	1	1668.0	-	-
2	769285.0	84.8	8	3	1270.0	1596.0	1785.0
3	1060133.0	92.9	8	3	1282.0	1086.0	1225.0
4	154210.0	59.1	8	1	1114.0	-	-
5	444381.0	66.8	8	2	1500.0	1221.0	-
6	734267.0	81.2	8	2	1968.0	1555.0	-
7	1024631.0	73.6	8	2	1422.0	1891.0	-
8	118226.0	69.2	8	2	1261.0	1560.0	-
9	409116.0	53.8	8	1	1250.0	-	-

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	5635	5550	5481	5338	5446
5	5346	5291	5252	5463	5668
10	5376	5445	5336	5614	5613
15	5676	5724	5664	5653	5283
20	5589	5656	5510	5639	5289
25	5657	5663	5300	5709	5389
30	5672	5691	5448	5433	5410
35	5265	5594	5505	5687	5286
40	5452	5626	5277	5370	5295
45	5524	5674	5323	5493	5597
50	5326	5387	5567	5396	5514
55	5408	5716	5365	5464	5529
60	5429	5576	5431	5380	5506
65	5324	5418	5650	5551	5669
70	5360	5262	5559	5543	5352
75	5532	5397	5413	5526	5441
80	5673	5454	5423	5545	5518
85	5696	5268	5713	5384	5447
90	5523	5654	5470	5491	5544
95	5516	5500	5443	5457	5302

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5415	5314	5417	5499	5666
5	5388	5691	5327	5626	5400
10	5685	5331	5377	5334	5634
15	5289	5376	5292	5698	5572
20	5597	5347	5451	5253	5262
25	5545	5612	5503	5338	5283
30	5528	5658	5648	5663	5682
35	5705	5307	5301	5354	5601
40	5600	5535	5504	5294	5274
45	5277	5350	5378	5582	5252
50	5369	5298	5588	5414	5584
55	5468	5598	5336	5593	5694
60	5374	5408	5439	5474	5276
65	5707	5416	5594	5696	5722
70	5537	5672	5684	5713	5518
75	5512	5472	5578	5665	5539
80	5697	5362	5614	5367	5715
85	5448	5558	5413	5611	5632
90	5267	5688	5660	5352	5561
95	5500	5651	5603	5263	5552

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5670	5553	5353	5660	5508
5	5430	5713	5402	5314	5704
10	5616	5595	5418	5529	5655
15	5377	5503	5395	5646	5289
20	5605	5416	5392	5720	5710
25	5336	5464	5706	5539	5317
30	5570	5547	5403	5359	5428
35	5446	5398	5572	5507	5515
40	5439	5715	5442	5534	5271
45	5681	5330	5461	5543	5305
50	5475	5623	5474	5699	5504
55	5411	5358	5297	5422	5313
60	5354	5685	5722	5384	5319
65	5265	5420	5574	5656	5355
70	5548	5486	5499	5523	5533
75	5689	5477	5481	5592	5721
80	5649	5478	5526	5677	5364
85	5435	5351	5497	5541	5479
90	5718	5405	5465	5378	5666
95	5257	5709	5675	5652	5484

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5450	5317	5289	5346	5253
5	5472	5260	5477	5380	5436
10	5547	5384	5459	5724	5676
15	5368	5533	5401	5691	5481
20	5516	5582	5430	5334	5683
25	5699	5316	5434	5643	5351
30	5612	5562	5618	5608	5723
35	5585	5489	5282	5526	5375
40	5323	5299	5268	5513	5310
45	5544	5601	5358	5362	5499
50	5650	5275	5593	5709	5680
55	5388	5376	5406	5551	5656
60	5549	5361	5663	5366	5300
65	5605	5391	5281	5302	5488
70	5606	5382	5665	5353	5712
75	5292	5340	5597	5284	5259
80	5690	5265	5630	5339	5700
85	5444	5294	5556	5285	5543
90	5672	5669	5494	5721	5692
95	5707	5565	5695	5512	5659

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5705	5556	5700	5410	5570
5	5611	5660	5552	5543	5643
10	5381	5648	5500	5347	5697
15	5456	5504	5261	5673	5524
20	5273	5371	5326	5656	5490
25	5265	5540	5272	5385	5276
30	5422	5519	5285	5446	5627
35	5580	5435	5440	5689	5406
40	5318	5539	5442	5290	5659
45	5314	5375	5351	5682	5532
50	5624	5576	5330	5596	5370
55	5505	5714	5306	5379	5489
60	5312	5501	5554	5427	5590
65	5483	5657	5592	5303	5609
70	5641	5395	5322	5260	5321
75	5374	5297	5515	5282	5425
80	5350	5254	5564	5320	5723
85	5329	5708	5678	5703	5376
90	5355	5709	5287	5549	5593
95	5394	5437	5479	5621	5360

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5388	5320	5636	5571	5315
5	5653	5682	5627	5706	5472
10	5312	5437	5541	5542	5718
15	5544	5607	5306	5390	5532
20	5342	5415	5629	5378	5592
25	5268	5376	5419	5318	5311
30	5476	5534	5266	5291	5671
35	5588	5354	5528	5489	5256
40	5359	5371	5648	5710	5620
45	5367	5417	5251	5527	5377
50	5393	5258	5471	5289	5284
55	5664	5598	5537	5404	5308
60	5412	5355	5324	5503	5366
65	5422	5443	5286	5254	5578
70	5403	5458	5617	5669	5380
75	5481	5302	5626	5407	5296
80	5446	5488	5545	5632	5595
85	5624	5512	5277	5677	5577
90	5303	5301	5640	5464	5533
95	5491	5373	5540	5360	5494

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5643	5559	5572	5257	5632
5	5695	5607	5702	5394	5679
10	5718	5323	5582	5262	5264
15	5439	5710	5254	5443	5508
20	5350	5407	5602	5644	5541
25	5471	5577	5453	5360	5297
30	5433	5691	5686	5561	5430
35	5287	5328	5266	5365	5367
40	5669	5447	5356	5678	5628
45	5318	5420	5304	5505	5703
50	5428	5482	5556	5415	5477
55	5713	5501	5483	5472	5666
60	5569	5293	5615	5301	5525
65	5452	5402	5564	5423	5661
70	5406	5307	5496	5313	5638
75	5500	5624	5283	5403	5517
80	5552	5610	5551	5255	5362
85	5437	5587	5704	5620	5253
90	5466	5312	5674	5518	5476
95	5397	5614	5389	5400	5358

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5423	5323	5508	5418	5377
5	5262	5629	5302	5460	5411
10	5552	5587	5623	5457	5285
15	5469	5338	5299	5451	5577
20	5291	5496	5575	5532	5393
25	5674	5681	5487	5499	5661
30	5390	5431	5284	5569	5378
35	5696	5516	5279	5277	5607
40	5687	5353	5608	5401	5261
45	5473	5381	5307	5479	5571
50	5379	5665	5667	5691	5680
55	5443	5320	5259	5713	5447
60	5539	5722	5348	5438	5464
65	5605	5367	5495	5647	5506
70	5631	5472	5272	5510	5620
75	5292	5361	5655	5530	5333
80	5614	5252	5557	5535	5550
85	5324	5585	5682	5598	5321
90	5318	5611	5303	5382	5452
95	5287	5709	5271	5453	5267

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5678	5562	5444	5579	5694
5	5401	5554	5377	5623	5715
10	5483	5376	5286	5652	5306
15	5711	5596	5344	5491	5459
20	5268	5707	5488	5548	5420
25	5720	5402	5310	5521	5541
30	5550	5347	5549	5709	5611
35	5566	5492	5669	5668	5617
40	5360	5448	5452	5350	5439
45	5588	5484	5697	5526	5456
50	5257	5530	5660	5677	5681
55	5378	5621	5406	5499	5414
60	5449	5424	5658	5279	5462
65	5290	5674	5400	5645	5664
70	5633	5509	5383	5706	5479
75	5643	5338	5342	5335	5640
80	5589	5366	5299	5724	5277
85	5438	5693	5610	5516	5453
90	5258	5371	5519	5321	5324
95	5399	5507	5582	5688	5374

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5361	5326	5380	5265	5439
5	5443	5576	5452	5311	5447
10	5317	5640	5327	5275	5324
15	5723	5389	5305	5370	5337
20	5270	5577	5521	5686	5669
25	5508	5414	5555	5583	5536
30	5304	5289	5386	5302	5657
35	5288	5347	5679	5456	5595
40	5368	5568	5567	5280	5579
45	5721	5608	5659	5581	5371
50	5403	5528	5566	5478	5596
55	5318	5385	5578	5589	5603
60	5586	5711	5372	5299	5413
65	5506	5292	5351	5261	5619
70	5609	5707	5424	5665	5481
75	5323	5587	5530	5362	5624
80	5472	5438	5535	5573	5611
85	5418	5687	5717	5486	5330
90	5582	5542	5706	5416	5562
95	5663	5655	5570	5477	5616

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5616	5565	5316	5426	5659
5	5485	5501	5527	5474	5654
10	5723	5429	5368	5470	5348
15	5412	5375	5550	5337	5497
20	5378	5503	5686	5666	5494
25	5574	5521	5711	5518	5589
30	5722	5425	5261	5504	5635
35	5597	5414	5273	5559	5593
40	5295	5623	5324	5360	5441
45	5297	5548	5650	5338	5535
50	5608	5387	5632	5460	5701
55	5472	5657	5432	5689	5515
60	5259	5610	5279	5645	5573
65	5352	5716	5562	5629	5333
70	5702	5612	5556	5400	5624
75	5320	5408	5304	5364	5288
80	5626	5694	5621	5289	5341
85	5633	5328	5286	5263	5392
90	5537	5651	5433	5327	5340
95	5617	5647	5553	5549	5580

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5396	5329	5252	5587	5501
5	5527	5523	5602	5540	5483
10	5654	5315	5409	5665	5369
15	5403	5502	5653	5382	5689
20	5386	5572	5627	5658	5467
25	5365	5470	5439	5719	5623
30	5289	5314	5693	5312	5320
35	5456	5364	5452	5275	5507
40	5609	5706	5262	5600	5438
45	5604	5528	5258	5299	5588
50	5398	5263	5536	5683	5549
55	5524	5319	5370	5404	5334
60	5705	5264	5444	5590	5347
65	5512	5603	5672	5388	5548
70	5357	5432	5688	5712	5405
75	5376	5486	5670	5285	5616
80	5407	5383	5488	5618	5484
85	5316	5596	5520	5251	5692
90	5543	5260	5341	5650	5684
95	5352	5547	5631	5451	5431

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5651	5665	5663	5721	5666
5	5448	5677	5703	5690	5488
10	5579	5450	5385	5390	5491
15	5532	5281	5427	5406	5297
20	5263	5568	5272	5440	5253
25	5322	5642	5348	5657	5331
30	5300	5650	5362	5561	5615
35	5595	5455	5723	5428	5518
40	5545	5314	5675	5268	5435
45	5533	5411	5341	5357	5641
50	5285	5614	5712	5259	5638
55	5347	5558	5340	5594	5628
60	5676	5393	5609	5535	5654
65	5338	5646	5597	5621	5424
70	5283	5724	5710	5574	5674
75	5715	5254	5255	5445	5636
80	5648	5716	5266	5679	5719
85	5633	5656	5316	5555	5506
90	5587	5469	5461	5564	5252
95	5349	5410	5311	5356	5553

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5334	5429	5599	5337	5563
5	5708	5470	5277	5391	5422
10	5419	5368	5491	5580	5411
15	5579	5659	5287	5375	5598
20	5305	5332	5606	5264	5413
25	5519	5649	5370	5452	5691
30	5373	5664	5607	5577	5713
35	5338	5259	5643	5678	5432
40	5384	5494	5613	5508	5365
45	5424	5415	5694	5550	5490
50	5310	5349	5548	5585	5271
55	5294	5309	5447	5647	5522
60	5299	5480	5486	5261	5592
65	5323	5667	5363	5590	5513
70	5268	5660	5718	5481	5706
75	5404	5605	5671	5722	5645
80	5521	5444	5614	5711	5612
85	5399	5622	5572	5619	5559
90	5697	5564	5278	5451	5621
95	5351	5570	5581	5307	5696

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5589	5668	5535	5498	5308
5	5275	5395	5352	5554	5629
10	5350	5632	5532	5678	5432
15	5667	5311	5390	5420	5315
20	5313	5547	5353	5386	5407
25	5598	5476	5556	5250	5512
30	5553	5564	5317	5487	5633
35	5398	5259	5412	5356	5346
40	5698	5577	5551	5273	5429
45	5294	5371	5507	5376	5272
50	5437	5269	5361	5438	5529
55	5459	5723	5499	5644	5521
60	5651	5464	5522	5415	5562
65	5538	5621	5616	5399	5325
70	5411	5694	5340	5268	5343
75	5330	5682	5363	5477	5316
80	5430	5703	5631	5700	5303
85	5299	5594	5525	5414	5679
90	5427	5337	5573	5558	5708
95	5582	5362	5680	5620	5271

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5369	5432	5471	5659	5625
5	5317	5417	5427	5717	5458
10	5421	5573	5398	5453	5658
15	5438	5493	5465	5507	5699
20	5664	5488	5345	5359	5673
25	5450	5679	5282	5662	5554
30	5539	5521	5532	5639	5440
35	5350	5683	5509	5357	5537
40	5660	5489	5513	5523	5698
45	5351	5590	5434	5325	5702
50	5620	5290	5412	5527	5669
55	5376	5647	5677	5689	5463
60	5492	5305	5629	5467	5722
65	5388	5581	5347	5565	5338
70	5632	5681	5497	5254	5346
75	5654	5322	5446	5436	5684
80	5577	5644	5481	5459	5411
85	5525	5256	5642	5619	5392
90	5585	5296	5526	5560	5592
95	5691	5712	5518	5628	5544

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5624	5671	5407	5345	5370
5	5456	5342	5502	5308	5665
10	5590	5685	5711	5593	5474
15	5271	5565	5596	5510	5699
20	5707	5258	5526	5434	5332
25	5561	5399	5386	5696	5428
30	5478	5650	5413	5651	5579
35	5441	5479	5284	5376	5268
40	5330	5656	5520	5530	5331
45	5673	5492	5281	5589	5496
50	5466	5463	5616	5320	5263
55	5631	5404	5282	5337	5319
60	5412	5554	5311	5527	5645
65	5514	5374	5367	5476	5300
70	5581	5715	5446	5503	5634
75	5318	5556	5716	5287	5354
80	5279	5262	5534	5522	5506
85	5606	5670	5702	5336	5260
90	5278	5358	5591	5691	5566
95	5529	5375	5325	5254	5472

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5404	5435	5343	5506	5687
5	5498	5364	5577	5471	5397
10	5521	5571	5277	5313	5495
15	5359	5595	5699	5458	5513
20	5715	5424	5467	5426	5305
25	5449	5251	5610	5490	5255
30	5260	5414	5390	5565	5718
35	5532	5275	5437	5660	5312
40	5448	5268	5421	5517	5459
45	5311	5281	5550	5334	5379
50	5642	5514	5705	5693	5451
55	5585	5497	5479	5434	5466
60	5484	5357	5386	5612	5473
65	5371	5463	5410	5674	5368
70	5578	5701	5287	5579	5606
75	5389	5518	5698	5503	5326
80	5331	5512	5665	5431	5700
85	5707	5314	5381	5572	5563
90	5635	5337	5271	5527	5254
95	5411	5489	5591	5637	5663

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5562	5674	5279	5667	5432
5	5540	5289	5652	5634	5701
10	5355	5360	5318	5508	5516
15	5447	5722	5705	5503	5626
20	5493	5408	5515	5278	5715
25	5578	5338	5594	5302	5303
30	5392	5605	5339	5669	5285
35	5623	5643	5590	5671	5531
40	5681	5661	5514	5291	5364
45	5511	5387	5266	5343	5565
50	5416	5586	5639	5539	5687
55	5298	5308	5595	5649	5399
60	5693	5438	5412	5349	5409
65	5638	5381	5347	5309	5549
70	5579	5489	5256	5699	5430
75	5724	5383	5402	5299	5648
80	5500	5521	5331	5451	5250
85	5568	5282	5609	5546	5517
90	5446	5288	5582	5713	5468
95	5357	5314	5257	5400	5324

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5342	5438	5690	5256	5274
5	5582	5311	5252	5322	5433
10	5286	5624	5359	5606	5537
15	5374	5333	5548	5422	5634
20	5659	5446	5507	5251	5603
25	5527	5444	5320	5323	5344
30	5667	5349	5345	5491	5489
35	5424	5336	5439	5365	5585
40	5465	5614	5619	5426	5511
45	5695	5649	5447	5569	5440
50	5531	5502	5519	5616	5505
55	5339	5352	5493	5402	5592
60	5279	5724	5622	5361	5462
65	5395	5385	5716	5530	5562
70	5516	5295	5552	5428	5633
75	5476	5705	5538	5512	5555
80	5551	5400	5709	5293	5688
85	5340	5533	5712	5332	5711
90	5681	5534	5399	5637	5319
95	5682	5460	5612	5621	5498

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5597	5677	5626	5417	5494
5	5721	5711	5327	5388	5640
10	5595	5413	5400	5326	5558
15	5526	5501	5436	5593	5614
20	5642	5253	5387	5596	5699
25	5394	5379	5647	5424	5357
30	5483	5653	5306	5463	5265
35	5687	5563	5427	5710	5518
40	5499	5304	5319	5557	5569
45	5605	5624	5629	5530	5627
50	5493	5418	5378	5695	5667
55	5594	5637	5377	5540	5447
60	5592	5411	5250	5504	5289
65	5454	5662	5408	5310	5324
70	5451	5325	5365	5588	5281
75	5652	5277	5441	5572	5464
80	5619	5686	5315	5622	5336
85	5618	5396	5397	5533	5709
90	5610	5273	5435	5401	5666
95	5303	5568	5659	5567	5419

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5377	5441	5562	5578	5336
5	5288	5258	5402	5551	5469
10	5526	5677	5521	5579	5614
15	5628	5539	5541	5331	5553
20	5419	5328	5588	5672	5282
25	5375	5528	5391	5525	5542
30	5263	5678	5417	5507	5702
35	5518	5603	5671	5510	5715
40	5495	5334	5602	5456	5609
45	5613	5546	5683	5632	5396
50	5718	5363	5699	5253	5304
55	5307	5608	5696	5410	5669
60	5286	5585	5354	5259	5360
65	5283	5595	5643	5660	5364
70	5655	5601	5444	5584	5665
75	5667	5567	5635	5592	5459
80	5394	5612	5549	5711	5627
85	5366	5717	5350	5566	5693
90	5505	5676	5436	5272	5287
95	5478	5308	5666	5530	5445

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5535	5680	5498	5264	5556
5	5330	5658	5477	5714	5676
10	5457	5563	5482	5716	5600
15	5702	5642	5586	5523	5561
20	5488	5366	5677	5645	5548
25	5655	5578	5632	5425	5567
30	5431	5695	5418	5666	5327
35	5269	5609	5399	5446	5424
40	5554	5485	5433	5574	5599
45	5385	5589	5696	5646	5502
50	5570	5508	5572	5294	5394
55	5661	5643	5441	5258	5497
60	5427	5539	5359	5276	5593
65	5411	5397	5620	5683	5396
70	5493	5487	5354	5350	5353
75	5393	5510	5413	5607	5333
80	5648	5344	5270	5373	5471
85	5619	5391	5448	5515	5674
90	5722	5709	5671	5324	5256
95	5699	5326	5310	5453	5368

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5315	5444	5434	5425	5398
5	5469	5680	5552	5402	5408
10	5291	5352	5523	5436	5621
15	5693	5310	5648	5631	5715
20	5569	5654	5307	5669	5618
25	5507	5306	5358	5459	5706
30	5417	5652	5633	5343	5525
35	5700	5670	5599	5338	5393
40	5568	5274	5339	5596	5692
45	5304	5704	5555	5360	5384
50	5273	5345	5483	5484	5490
55	5532	5687	5721	5541	5668
60	5524	5696	5712	5443	5632
65	5335	5325	5282	5724	5426
70	5336	5283	5677	5272	5285
75	5252	5379	5629	5635	5682
80	5388	5643	5515	5708	5259
85	5439	5577	5722	5572	5368
90	5421	5327	5476	5683	5322
95	5470	5382	5371	5644	5397

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5570	5683	5370	5586	5618
5	5511	5605	5627	5468	5712
10	5697	5616	5661	5534	5642
15	5306	5437	5276	5579	5432
20	5480	5723	5283	5591	5324
25	5456	5509	5462	5493	5273
30	5609	5592	5345	5547	5413
35	5466	5277	5252	5707	5687
40	5482	5593	5621	5452	5387
45	5665	5608	5722	5260	5449
50	5396	5572	5307	5434	5720
55	5641	5305	5443	5512	5322
60	5689	5354	5635	5289	5644
65	5581	5371	5535	5649	5430
70	5595	5286	5526	5428	5254
75	5372	5522	5610	5373	5393
80	5507	5702	5270	5385	5460
85	5418	5647	5631	5542	5676
90	5566	5333	5510	5431	5584
95	5336	5269	5500	5271	5633

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5350	5447	5306	5272	5460
5	5553	5627	5702	5631	5444
10	5628	5405	5254	5663	5394
15	5564	5379	5624	5721	5488
20	5414	5664	5275	5590	5308
25	5615	5566	5527	5315	5670
30	5491	5269	5543	5589	5504
35	5359	5263	5546	5356	5625
40	5722	5550	5432	5470	5723
45	5661	5512	5514	5508	5281
50	5433	5595	5495	5262	5483
55	5451	5683	5461	5332	5467
60	5530	5407	5367	5708	5667
65	5386	5375	5699	5387	5601
70	5492	5665	5591	5528	5503
75	5288	5391	5333	5285	5655
80	5321	5489	5282	5251	5410
85	5252	5496	5276	5339	5443
90	5417	5642	5505	5603	5469
95	5253	5459	5555	5619	5592

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5605	5686	5717	5433	5680
5	5595	5552	5302	5319	5651
10	5462	5669	5268	5449	5684
15	5482	5691	5438	5496	5580
20	5702	5364	5537	5478	5257
25	5343	5670	5561	5357	5656
30	5523	5706	5518	5363	5253
35	5630	5652	5439	5563	5487
40	5382	5412	5553	5306	5714
45	5399	5390	5326	5498	5275
50	5331	5700	5621	5549	5685
55	5556	5544	5628	5493	5287
60	5278	5668	5479	5346	5577
65	5511	5361	5391	5389	5602
70	5675	5570	5515	5711	5305
75	5516	5555	5282	5375	5321
80	5720	5443	5681	5269	5584
85	5441	5345	5481	5707	5618
90	5547	5401	5540	5387	5667
95	5348	5671	5453	5291	5468

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5288	5547	5653	5497	5522
5	5259	5574	5377	5482	5480
10	5393	5555	5309	5644	5705
15	5473	5721	5585	5714	5630
20	5407	5649	5643	5356	5510
25	5269	5584	5546	5396	5595
30	5496	5545	5446	5670	5561
35	5392	5686	5426	5358	5566
40	5321	5501	5681	5311	5636
45	5267	5292	5664	5266	5502
50	5549	5461	5629	5334	5503
55	5400	5375	5328	5612	5709
60	5573	5325	5685	5699	5394
65	5428	5382	5409	5606	5314
70	5433	5489	5451	5651	5305
75	5539	5635	5379	5650	5557
80	5626	5719	5556	5279	5570
85	5270	5538	5718	5257	5517
90	5404	5351	5418	5492	5661
95	5602	5385	5438	5366	5487

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5543	5311	5589	5658	5267
5	5301	5596	5452	5548	5687
10	5702	5344	5350	5364	5251
15	5561	5373	5591	5662	5347
20	5415	5340	5584	5445	5483
25	5632	5436	5274	5500	5629
30	5538	5531	5437	5564	5444
35	5381	5302	5319	5608	5577
40	5635	5439	5395	5678	5618
45	5372	5719	5325	5723	5551
50	5520	5600	5550	5491	5522
55	5457	5590	5572	5299	5266
60	5399	5518	5254	5511	5645
65	5692	5377	5321	5619	5401
70	5592	5602	5363	5492	5300
75	5627	5264	5411	5280	5425
80	5631	5334	5261	5581	5276
85	5290	5587	5268	5255	5683
90	5686	5296	5454	5374	5673
95	5657	5466	5433	5685	5441

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5323	5550	5525	5344	5584
5	5343	5521	5527	5711	5419
10	5633	5608	5391	5462	5272
15	5649	5500	5694	5707	5539
20	5423	5409	5622	5437	5456
25	5385	5477	5604	5663	5580
30	5420	5394	5304	5596	5676
35	5573	5490	5590	5286	5491
40	5474	5310	5377	5635	5675
45	5547	5352	5327	5383	5301
50	5341	5396	5379	5651	5639
55	5653	5338	5613	5411	5305
60	5648	5395	5564	5560	5561
65	5434	5688	5418	5326	5357
70	5451	5293	5298	5674	5446
75	5592	5624	5506	5698	5380
80	5400	5568	5612	5586	5274
85	5362	5475	5273	5582	5602
90	5526	5328	5447	5551	5262
95	5538	5422	5461	5460	5389

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-06 ~ 2022-07-08		
Test Item	Radar Statistical Performance Check (802.11ax-HE40 – 5510MHz)		
Test Mode	AP Mode		

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	5504	1	5503	1	5508	1	5516	1
1	5523	1	5497	1	5499	1	5523	1
2	5503	1	5525	0	5504	1	5510	0
3	5505	1	5492	1	5525	1	5517	1
4	5490	1	5510	1	5520	1	5522	1
5	5495	1	5523	1	5495	1	5520	1
6	5493	1	5515	1	5510	1	5514	1
7	5498	1	5494	1	5512	1	5490	1
8	5524	1	5520	1	5530	1	5521	1
9	5520	1	5528	1	5515	1	5507	1
10	5504	1	5513	0	5495	0	5493	1
11	5522	1	5495	1	5519	1	5529	1
12	5530	1	5521	1	5508	1	5527	1
13	5506	1	5500	1	5521	1	5497	1
14	5517	1	5520	1	5518	1	5490	1
15	5500	1	5490	1	5524	1	5503	0
16	5508	1	5507	1	5526	1	5507	1
17	5515	1	5527	1	5518	1	5523	1
18	5510	1	5509	1	5516	1	5507	1
19	5502	1	5524	1	5497	0	5514	1
20	5527	1	5517	1	5526	1	5522	1
21	5523	1	5520	1	5519	1	5500	1
22	5517	1	5516	1	5490	1	5528	1
23	5492	1	5530	1	5496	1	5521	1
24	5525	1	5514	1	5517	1	5512	0
25	5503	1	5521	1	5512	1	5509	1
26	5491	1	5516	1	5490	1	5519	1
27	5490	1	5529	1	5522	1	5528	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	5510	1	5499	1	5511	1	5512	1
29	5509	1	5517	1	5522	1	5530	1
Probability:	**100.0%**		**93.3%**		**93.3%**		**90.0%**	
Aggregate:	**94.2% (>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	638.0	83	52954.0
Download	1	Type 1	1.0	838.0	63	52794.0
Download	2	Type 1	1.0	918.0	58	53244.0
Download	3	Type 1	1.0	798.0	67	53466.0
Download	4	Type 1	1.0	518.0	102	52836.0
Download	5	Type 1	1.0	618.0	86	53148.0
Download	6	Type 1	1.0	658.0	81	53298.0
Download	7	Type 1	1.0	3066.0	18	55188.0
Download	8	Type 1	1.0	898.0	59	52982.0
Download	9	Type 1	1.0	878.0	61	53558.0
Download	10	Type 1	1.0	598.0	89	53222.0
Download	11	Type 1	1.0	858.0	62	53196.0
Download	12	Type 1	1.0	698.0	76	53048.0
Download	13	Type 1	1.0	818.0	65	53170.0
Download	14	Type 1	1.0	538.0	99	53262.0
Download	15	Type 1	1.0	2810.0	19	53390.0
Download	16	Type 1	1.0	1779.0	30	53370.0
Download	17	Type 1	1.0	1922.0	28	53816.0
Download	18	Type 1	1.0	1254.0	43	53922.0
Download	19	Type 1	1.0	2621.0	21	55041.0
Download	20	Type 1	1.0	577.0	92	53084.0
Download	21	Type 1	1.0	2986.0	18	53748.0
Download	22	Type 1	1.0	2906.0	19	55214.0
Download	23	Type 1	1.0	2373.0	23	54579.0
Download	24	Type 1	1.0	1991.0	27	53757.0
Download	25	Type 1	1.0	1140.0	47	53580.0
Download	26	Type 1	1.0	1388.0	39	54132.0
Download	27	Type 1	1.0	1418.0	38	53884.0
Download	28	Type 1	1.0	1251.0	43	53793.0
Download	29	Type 1	1.0	2771.0	20	55420.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.7	166.0	27	4482.0
Download	1	Type 2	3.6	214.0	27	5778.0
Download	2	Type 2	1.4	170.0	23	3910.0
Download	3	Type 2	3.7	199.0	27	5373.0
Download	4	Type 2	3.7	154.0	27	4158.0
Download	5	Type 2	4.4	208.0	28	5824.0
Download	6	Type 2	4.1	227.0	28	6356.0
Download	7	Type 2	2.5	207.0	25	5175.0
Download	8	Type 2	4.2	153.0	28	4284.0
Download	9	Type 2	4.8	200.0	29	5800.0
Download	10	Type 2	4.2	173.0	28	4844.0
Download	11	Type 2	1.4	203.0	23	4669.0
Download	12	Type 2	3.7	179.0	27	4833.0
Download	13	Type 2	4.5	228.0	28	6384.0
Download	14	Type 2	2.3	210.0	25	5250.0
Download	15	Type 2	1.8	186.0	24	4464.0
Download	16	Type 2	2.5	172.0	25	4300.0
Download	17	Type 2	4.3	156.0	28	4368.0
Download	18	Type 2	1.5	195.0	23	4485.0
Download	19	Type 2	1.7	224.0	24	5376.0
Download	20	Type 2	1.7	192.0	24	4608.0
Download	21	Type 2	2.8	222.0	26	5772.0
Download	22	Type 2	4.3	168.0	28	4704.0
Download	23	Type 2	3.1	158.0	26	4108.0
Download	24	Type 2	2.4	212.0	25	5300.0
Download	25	Type 2	4.2	220.0	28	6160.0
Download	26	Type 2	4.8	169.0	29	4901.0
Download	27	Type 2	1.9	229.0	24	5496.0
Download	28	Type 2	3.3	218.0	27	5886.0
Download	29	Type 2	4.2	188.0	28	5264.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.7	277.0	17	4709.0
Download	1	Type 3	8.6	368.0	17	6256.0
Download	2	Type 3	6.4	379.0	16	6064.0
Download	3	Type 3	8.7	442.0	17	7514.0
Download	4	Type 3	8.7	327.0	18	5886.0
Download	5	Type 3	9.4	276.0	18	4968.0
Download	6	Type 3	9.1	494.0	18	8892.0
Download	7	Type 3	7.5	437.0	17	7429.0
Download	8	Type 3	9.2	211.0	18	3798.0
Download	9	Type 3	9.8	464.0	18	8352.0
Download	10	Type 3	9.2	471.0	18	8478.0
Download	11	Type 3	6.4	336.0	16	5376.0
Download	12	Type 3	8.7	352.0	17	5984.0
Download	13	Type 3	9.5	317.0	18	5706.0
Download	14	Type 3	7.3	237.0	17	4029.0
Download	15	Type 3	6.8	282.0	16	4512.0
Download	16	Type 3	7.5	488.0	17	8296.0
Download	17	Type 3	9.3	424.0	18	7632.0
Download	18	Type 3	6.5	497.0	16	7952.0
Download	19	Type 3	6.7	224.0	16	3584.0
Download	20	Type 3	6.7	432.0	16	6912.0
Download	21	Type 3	7.8	320.0	17	5440.0
Download	22	Type 3	9.3	230.0	18	4140.0
Download	23	Type 3	8.1	459.0	17	7803.0
Download	24	Type 3	7.4	312.0	17	5304.0
Download	25	Type 3	9.2	274.0	18	4932.0
Download	26	Type 3	9.8	284.0	18	5112.0
Download	27	Type 3	6.9	207.0	16	3312.0
Download	28	Type 3	8.3	287.0	17	4879.0
Download	29	Type 3	9.2	490.0	18	8820.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	17.0	277.0	15	4155.0
Download	1	Type 4	16.9	368.0	15	5520.0
Download	2	Type 4	12.0	379.0	12	4548.0
Download	3	Type 4	17.0	442.0	15	6630.0
Download	4	Type 4	17.1	327.0	15	4905.0
Download	5	Type 4	18.6	276.0	16	4416.0
Download	6	Type 4	17.9	494.0	15	7410.0
Download	7	Type 4	14.4	437.0	13	5681.0
Download	8	Type 4	18.1	211.0	15	3165.0
Download	9	Type 4	19.6	464.0	16	7424.0
Download	10	Type 4	18.2	471.0	15	7065.0
Download	11	Type 4	11.9	336.0	12	4032.0
Download	12	Type 4	17.0	352.0	15	5280.0
Download	13	Type 4	18.7	317.0	16	5072.0
Download	14	Type 4	14.0	237.0	13	3081.0
Download	15	Type 4	12.8	282.0	12	3384.0
Download	16	Type 4	14.5	488.0	13	6344.0
Download	17	Type 4	18.4	424.0	16	6784.0
Download	18	Type 4	12.1	497.0	12	5964.0
Download	19	Type 4	12.6	224.0	12	2688.0
Download	20	Type 4	12.7	432.0	12	5184.0
Download	21	Type 4	15.1	320.0	14	4480.0
Download	22	Type 4	18.3	230.0	16	3680.0
Download	23	Type 4	15.7	459.0	14	6426.0
Download	24	Type 4	14.1	312.0	13	4056.0
Download	25	Type 4	18.3	274.0	16	4384.0
Download	26	Type 4	19.5	284.0	16	4544.0
Download	27	Type 4	13.1	207.0	13	2691.0
Download	28	Type 4	16.2	287.0	14	4018.0
Download	29	Type 4	18.2	490.0	15	7350.0

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	5493.2	1
1	5510	1	16	5494.4	1
2	5510	1	17	5497.2	1
3	5510	1	18	5492.4	1
4	5510	1	19	5492.8	1
5	5510	1	20	5526.8	1
6	5510	1	21	5525.2	1
7	5510	1	22	5523.2	1
8	5510	1	23	5524.8	1
9	5510	1	24	5526	1
10	5496.8	1	25	5523.2	1
11	5492.4	0	26	5522	1
12	5496	1	27	5526.8	1
13	5497.2	1	28	5524.4	1
14	5494	1	29	5523.2	1
Detection Percentage (%)			**96.7%**		

Type 5 Radar Waveform_0

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	676116.0	83.2	15	2	1505.0	1844.0	–
1	110546.0	82.6	15	2	1959.0	1424.0	–
2	292179.0	56.0	15	1	1961.0	–	–
3	473145.0	83.0	15	2	1400.0	1284.0	–
4	652294.0	83.8	15	3	1613.0	1675.0	1792.0
5	88088.0	92.3	15	3	1989.0	1536.0	1152.0
6	269048.0	88.3	15	3	1533.0	1019.0	1584.0
7	450776.0	69.0	15	2	1408.0	1348.0	–
8	631404.0	89.2	15	3	1345.0	1112.0	1012.0
9	65897.0	97.4	15	3	1026.0	1186.0	1617.0
10	246780.0	89.8	15	3	1648.0	1114.0	1330.0
11	429317.0	55.2	15	1	1249.0	–	–
12	609726.0	83.0	15	2	1077.0	1626.0	–
13	43502.0	92.9	15	3	1956.0	1760.0	1885.0
14	224917.0	66.9	15	2	1421.0	1275.0	–
15	406585.0	59.9	15	1	1916.0	–	–

Type 5 Radar Waveform_1

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	587205.0	69.3	15	2	1014.0	1938.0	–
1	21310.0	90.7	15	3	1556.0	1183.0	1232.0
2	202968.0	56.1	15	1	1306.0	–	–
3	384330.0	58.9	15	1	1735.0	–	–
4	566262.0	59.4	15	1	1134.0	–	–
5	745688.0	73.0	15	2	1991.0	1343.0	–
6	179981.0	90.5	15	3	1806.0	1007.0	1065.0
7	360909.0	76.3	15	2	1962.0	1979.0	–
8	542576.0	67.4	15	2	1420.0	1523.0	–
9	721474.0	90.2	15	3	1914.0	1479.0	1911.0
10	157566.0	97.1	15	3	1595.0	1778.0	1098.0
11	339809.0	62.0	15	1	1323.0	–	–
12	520341.0	79.1	15	2	1035.0	1789.0	–
13	700104.0	89.6	15	3	1302.0	1838.0	1229.0
14	135759.0	65.7	15	1	1906.0	–	–
15	316736.0	73.3	15	2	1733.0	1258.0	–

Type 5 Radar Waveform_2

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	887810.0	59.4	6	1	1358.0	–	–
1	1209325.0	72.1	6	2	1570.0	1472.0	–
2	201474.0	88.3	6	3	1794.0	1415.0	1133.0
3	523842.0	92.5	6	3	1546.0	1052.0	1628.0
4	848052.0	58.6	6	1	1305.0	–	–
5	1169843.0	67.6	6	2	1310.0	1437.0	–
6	161932.0	73.8	6	2	1117.0	1902.0	–
7	484571.0	72.6	6	2	1490.0	1540.0	–
8	806434.0	97.9	6	3	1509.0	1798.0	1005.0

Type 5 Radar Waveform_3							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	634582.0	81.4	15	2	1674.0	1160.0	–
1	68519.0	96.6	15	3	1711.0	1113.0	1197.0
2	249196.0	89.1	15	3	1772.0	1686.0	1298.0
3	432101.0	55.9	15	1	1013.0	–	–
4	613197.0	55.6	15	1	1692.0	–	–
5	46400.0	54.0	15	1	1326.0	–	–
6	226965.0	89.5	15	3	1751.0	1392.0	1507.0
7	408872.0	72.5	15	2	1108.0	1465.0	–
8	591226.0	55.9	15	1	1206.0	–	–
9	23906.0	94.0	15	3	1859.0	1969.0	1473.0
10	205209.0	74.9	15	2	1790.0	1000.0	–
11	385326.0	88.4	15	3	1853.0	1672.0	1402.0
12	568257.0	58.4	15	1	1994.0	–	–
13	1668.0	51.7	15	1	1366.0	–	–
14	183208.0	60.2	15	1	1477.0	–	–
15	363413.0	92.1	15	3	1715.0	1353.0	1149.0

Type 5 Radar Waveform_4							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	545249.0	79.8	15	2	1565.0	1336.0	–
1	728109.0	65.6	15	1	1189.0	–	–
2	160105.0	93.7	15	3	1442.0	1868.0	1615.0
3	340869.0	95.2	15	3	1237.0	1827.0	1730.0
4	522775.0	76.3	15	2	1727.0	1395.0	–
5	703211.0	90.0	15	3	1161.0	1382.0	1328.0
6	137838.0	99.7	15	3	1865.0	1401.0	1707.0
7	319004.0	81.7	15	2	1942.0	1923.0	–
8	501483.0	66.4	15	1	1599.0	–	–
9	681077.0	95.8	15	3	1100.0	1021.0	1579.0
10	116065.0	60.9	15	1	1851.0	–	–
11	297839.0	54.6	15	1	1036.0	–	–
12	478161.0	74.4	15	2	1609.0	1496.0	–
13	660994.0	51.3	15	1	1195.0	–	–
14	93753.0	51.6	15	1	1545.0	–	–
15	274986.0	66.9	15	2	1059.0	1276.0	–

Type 5 Radar Waveform_5							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	404935.0	83.5	18	3	1017.0	1073.0	1103.0
1	567416.0	61.1	18	1	1354.0	–	–
2	63302.0	78.1	18	2	1860.0	1175.0	–
3	224410.0	76.4	18	2	1376.0	1198.0	–
4	386305.0	51.4	18	1	1141.0	–	–
5	546474.0	70.3	18	2	1612.0	1038.0	–
6	43599.0	61.7	18	1	1174.0	–	–
7	203816.0	86.1	18	3	1954.0	1444.0	1625.0
8	366174.0	57.5	18	1	1592.0	–	–
9	525351.0	89.5	18	3	1342.0	1082.0	1847.0
10	23664.0	73.1	18	2	1289.0	1388.0	–
11	184224.0	95.7	18	3	1791.0	1121.0	1484.0
12	344715.0	90.8	18	3	1453.0	1618.0	1576.0
13	505238.0	85.0	18	3	1539.0	1551.0	1606.0
14	3836.0	51.0	18	1	1191.0	–	–
15	164877.0	70.4	18	2	1476.0	1155.0	–
16	325899.0	78.1	18	2	1277.0	1411.0	–
17	487491.0	50.3	18	1	1930.0	–	–

Type 5 Radar Waveform_6							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	685713.0	78.9	17	2	1657.0	1572.0	–
1	153933.0	52.0	17	1	1130.0	–	–
2	323743.0	80.1	17	2	1872.0	1677.0	–
3	494419.0	77.4	17	2	1244.0	1824.0	–
4	664885.0	71.6	17	2	1671.0	1386.0	–
5	132191.0	91.5	17	3	1255.0	1716.0	1809.0
6	302053.0	97.0	17	3	1988.0	1637.0	1566.0
7	474545.0	57.3	17	1	1403.0	–	–
8	642898.0	89.6	17	3	1091.0	1796.0	1251.0
9	111787.0	59.8	17	1	1369.0	–	–
10	281538.0	93.2	17	3	1440.0	1058.0	1652.0
11	451574.0	84.9	17	3	1436.0	1497.0	1460.0
12	621386.0	98.2	17	3	1858.0	1466.0	1432.0
13	90725.0	54.5	17	1	1488.0	–	–
14	260525.0	92.3	17	3	1621.0	1115.0	1548.0
15	432419.0	58.0	17	1	1459.0	–	–
16	603574.0	54.8	17	1	1097.0	–	–

Type 5 Radar Waveform_7							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	98452.0	97.3	11	3	1260.0	1701.0	1807.0
1	340547.0	73.7	11	2	1221.0	1441.0	–
2	581400.0	83.8	11	3	1470.0	1585.0	1375.0
3	822310.0	90.7	11	3	1875.0	1254.0	1963.0
4	68923.0	59.4	11	1	1834.0	–	–
5	310997.0	53.8	11	1	1874.0	–	–
6	553315.0	57.6	11	1	1439.0	–	–
7	792869.0	87.6	11	3	1948.0	1327.0	1464.0
8	39002.0	86.8	11	3	1783.0	1290.0	1367.0
9	280920.0	66.8	11	2	1775.0	1018.0	–
10	523585.0	54.0	11	1	1247.0	–	–
11	763361.0	90.9	11	3	1852.0	1446.0	1148.0

Type 5 Radar Waveform_8							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	6168.0	81.4	17	2	2000.0	1590.0	–
1	166863.0	94.7	17	3	1067.0	1314.0	1691.0
2	326946.0	90.6	17	3	1985.0	1724.0	1611.0
3	489244.0	76.5	17	2	1656.0	1085.0	–
4	650081.0	74.0	17	2	1051.0	1880.0	–
5	147278.0	72.5	17	2	1362.0	1766.0	–
6	307503.0	99.7	17	3	1024.0	1935.0	1685.0
7	468591.0	86.9	17	3	1157.0	1048.0	1694.0
8	631272.0	56.1	17	1	1857.0	–	–
9	127342.0	89.6	17	3	1057.0	1235.0	1428.0
10	287999.0	86.7	17	3	1422.0	1491.0	1102.0
11	448877.0	79.5	17	2	1881.0	1891.0	–
12	608369.0	94.1	17	3	1550.0	1800.0	1815.0
13	107661.0	80.7	17	2	1317.0	1636.0	–
14	269221.0	51.9	17	1	1500.0	–	–
15	428555.0	93.0	17	3	1569.0	1897.0	1107.0
16	590302.0	72.7	17	2	1718.0	1542.0	–
17	87523.0	91.4	17	3	1774.0	1524.0	1999.0

Type 5 Radar Waveform_9

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	223974.0	68.5	20	2	1143.0	1381.0	–
1	369354.0	53.3	20	1	1757.0	–	–
2	512919.0	82.8	20	2	1622.0	1912.0	–
3	61141.0	80.2	20	2	1884.0	1389.0	–
4	206345.0	53.8	20	1	1887.0	–	–
5	350531.0	96.8	20	3	1044.0	1226.0	1106.0
6	494092.0	94.3	20	3	1597.0	1986.0	1165.0
7	43458.0	59.7	20	1	1292.0	–	–
8	188281.0	69.4	20	2	1378.0	1129.0	–
9	332456.0	98.2	20	3	1199.0	1493.0	1135.0
10	477939.0	72.5	20	2	1006.0	1706.0	–
11	25416.0	89.8	20	3	1649.0	1562.0	1743.0
12	169721.0	84.8	20	3	1894.0	1407.0	1697.0
13	314656.0	74.6	20	2	1964.0	1843.0	–
14	458256.0	93.0	20	3	1687.0	1761.0	1651.0
15	7680.0	66.5	20	1	1801.0	–	–
16	152950.0	58.1	20	1	1063.0	–	–
17	298145.0	65.1	20	1	1196.0	–	–
18	442919.0	52.5	20	1	1811.0	–	–
19	588368.0	58.3	20	1	1435.0	–	–

Type 5 Radar Waveform_10

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	149586.0	74.1	17	2	1784.0	1517.0	–
1	310771.0	82.1	17	2	1487.0	1178.0	–
2	470348.0	92.7	17	3	1742.0	1953.0	1031.0
3	632591.0	71.2	17	2	1405.0	1535.0	–
4	129466.0	98.7	17	3	1937.0	1203.0	1704.0
5	291360.0	57.7	17	1	1693.0	–	–
6	451082.0	87.0	17	3	1623.0	1029.0	1325.0
7	614369.0	54.2	17	1	1200.0	–	–
8	109726.0	96.7	17	3	1812.0	1094.0	1753.0
9	271049.0	78.7	17	2	1511.0	1273.0	–
10	432802.0	51.9	17	1	1646.0	–	–
11	594094.0	64.6	17	1	1642.0	–	–
12	90417.0	64.9	17	1	1210.0	–	–
13	250644.0	95.4	17	3	1163.0	1939.0	1193.0
14	411328.0	98.3	17	3	1913.0	1140.0	1181.0
15	574596.0	50.6	17	1	1214.0	–	–
16	70490.0	58.1	17	1	1659.0	–	–
17	231707.0	51.2	17	1	1854.0	–	–

Type 5 Radar Waveform_11

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	785553.0	90.9	6	3	1347.0	1337.0	1593.0
1	1108505.0	93.8	6	3	1266.0	1132.0	1142.0
2	101299.0	82.3	6	2	1319.0	1295.0	–
3	424317.0	64.3	6	1	1745.0	–	–
4	747643.0	53.1	6	1	1079.0	–	–
5	1070585.0	51.4	6	1	1293.0	–	–
6	61584.0	64.4	6	1	1767.0	–	–
7	384578.0	66.3	6	1	1604.0	–	–
8	707838.0	54.7	6	1	1089.0	–	–

Type 5 Radar Waveform_12							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	579093.0	62.0	15	1	1667.0	–	–
1	12221.0	86.6	15	3	1313.0	1170.0	1166.0
2	193553.0	77.6	15	2	1188.0	1231.0	–
3	374726.0	72.6	15	2	1092.0	1605.0	–
4	554468.0	86.8	15	3	1561.0	1311.0	1845.0
5	735821.0	90.4	15	3	1425.0	1681.0	1004.0
6	171504.0	64.3	15	1	1180.0	–	–
7	351890.0	67.3	15	2	1781.0	2000.0	–
8	531961.0	86.5	15	3	1888.0	1471.0	1696.0
9	715921.0	60.7	15	1	1619.0	–	–
10	149166.0	61.5	15	1	1016.0	–	–
11	329965.0	81.5	15	2	1541.0	1406.0	–
12	510718.0	96.1	15	3	1399.0	1001.0	1177.0
13	693238.0	59.7	15	1	1971.0	–	–
14	126166.0	90.1	15	3	1538.0	1184.0	1984.0
15	308340.0	63.0	15	1	1265.0	–	–

Type 5 Radar Waveform_13							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	410405.0	90.7	18	3	1925.0	1316.0	1139.0
1	562463.0	96.3	18	3	1315.0	1849.0	1280.0
2	87808.0	57.8	18	1	1719.0	–	–
3	239887.0	74.9	18	2	1537.0	1967.0	–
4	392067.0	89.4	18	3	1279.0	1162.0	1300.0
5	544799.0	76.3	18	2	1921.0	1288.0	–
6	68664.0	92.3	18	3	1557.0	1862.0	1287.0
7	221771.0	58.3	18	1	1665.0	–	–
8	374354.0	56.8	18	1	1987.0	–	–
9	526115.0	74.3	18	2	1372.0	1732.0	–
10	50221.0	58.8	18	1	1144.0	–	–
11	202484.0	76.1	18	2	1688.0	1434.0	–
12	355636.0	59.8	18	1	1826.0	–	–
13	507201.0	79.0	18	2	1690.0	1586.0	–
14	31241.0	91.2	18	3	1256.0	1264.0	1560.0
15	184251.0	56.8	18	1	1267.0	–	–
16	336000.0	82.4	18	2	1653.0	1712.0	–
17	490013.0	53.0	18	1	1240.0	–	–
18	12529.0	74.9	18	2	1257.0	1125.0	–

Type 5 Radar Waveform_14							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	261665.0	67.6	10	2	1093.0	1873.0	–
1	503484.0	69.1	10	2	1616.0	1335.0	–
2	746481.0	56.1	10	1	1371.0	–	–
3	988864.0	65.1	10	1	1185.0	–	–
4	232069.0	74.2	10	2	1040.0	1110.0	–
5	474218.0	50.5	10	1	1856.0	–	–
6	715356.0	78.1	10	2	1848.0	1324.0	–
7	958681.0	61.8	10	1	1543.0	–	–
8	201714.0	90.0	10	3	1168.0	1945.0	1723.0
9	443161.0	96.6	10	3	1978.0	1641.0	1020.0
10	685721.0	69.8	10	2	1090.0	1871.0	–
11	925782.0	94.9	10	3	1955.0	1355.0	1534.0

Type 5 Radar Waveform_15							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	206621.0	84.1	8	3	1397.0	1603.0	1414.0
1	496768.0	92.2	8	3	1154.0	1544.0	1283.0
2	788780.0	51.2	8	1	1033.0	–	–
3	1078791.0	62.4	8	1	1895.0	–	–
4	171305.0	55.2	8	1	1607.0	–	–
5	462013.0	56.5	8	1	1451.0	–	–
6	751033.0	91.5	8	3	1223.0	1587.0	1294.0
7	1043187.0	65.3	8	1	1678.0	–	–
8	135114.0	85.8	8	3	1917.0	1882.0	1253.0
9	424796.0	94.3	8	3	1679.0	1822.0	1919.0

Type 5 Radar Waveform_16							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	550269.0	69.2	11	2	1684.0	1418.0	–
1	774757.0	65.7	11	1	1478.0	–	–
2	76645.0	62.4	11	1	1828.0	–	–
3	299918.0	81.6	11	2	1116.0	1201.0	–
4	521326.0	88.3	11	3	1922.0	1944.0	1804.0
5	747344.0	57.5	11	1	1331.0	–	–
6	49132.0	57.4	11	1	1662.0	–	–
7	272184.0	69.6	11	2	1933.0	1151.0	–
8	496025.0	54.7	11	1	1758.0	–	–
9	717496.0	99.1	11	3	1819.0	1301.0	1171.0
10	21530.0	93.1	11	3	1797.0	1650.0	1431.0
11	244598.0	84.8	11	3	1270.0	1070.0	1127.0
12	467557.0	72.4	11	2	1765.0	1850.0	–

Type 5 Radar Waveform_17							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	497424.0	94.0	18	3	1445.0	1455.0	1456.0
1	658398.0	84.5	18	3	1749.0	1202.0	1060.0
2	156849.0	81.1	18	2	1299.0	1050.0	–
3	316890.0	83.6	18	3	1756.0	1234.0	1610.0
4	478522.0	74.3	18	2	1717.0	1413.0	–
5	640897.0	61.3	18	1	1629.0	–	–
6	137227.0	64.4	18	1	1263.0	–	–
7	298280.0	52.3	18	1	1995.0	–	–
8	459987.0	61.8	18	1	1268.0	–	–
9	618433.0	87.1	18	3	1282.0	1213.0	1915.0
10	117079.0	79.5	18	2	1138.0	1654.0	–
11	277836.0	74.7	18	2	1842.0	1555.0	–
12	437897.0	83.9	18	3	1608.0	1216.0	1787.0
13	600991.0	58.5	18	1	1818.0	–	–
14	97425.0	66.5	18	1	1575.0	–	–
15	257451.0	85.9	18	3	1088.0	1799.0	1976.0
16	420052.0	50.2	18	1	1549.0	–	–
17	578888.0	91.0	18	3	1474.0	1390.0	1518.0

Type 5 Radar Waveform_18							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	154986.0	87.7	6	3	1049.0	1468.0	1695.0
1	477323.0	89.2	6	3	1064.0	1360.0	1835.0
2	800037.0	73.3	6	2	1750.0	1892.0	-
3	1121682.0	99.9	6	3	1780.0	1574.0	1291.0
4	115243.0	90.4	6	3	1164.0	1793.0	1680.0
5	438663.0	52.6	6	1	1087.0	-	-
6	760258.0	92.7	6	3	1179.0	1449.0	1111.0
7	1084670.0	62.3	6	1	1352.0	-	-
8	75664.0	70.6	6	2	1009.0	1602.0	-

Type 5 Radar Waveform_19							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	358687.0	54.4	7	1	1943.0	-	-
1	648643.0	70.4	7	2	1492.0	1580.0	-
2	937726.0	91.8	7	3	1262.0	1461.0	1890.0
3	32295.0	70.7	7	2	1571.0	1669.0	-
4	323085.0	51.7	7	1	1245.0	-	-
5	612143.0	99.3	7	3	1666.0	1480.0	1374.0
6	903045.0	69.8	7	2	1970.0	1278.0	-
7	1194898.0	57.2	7	1	1640.0	-	-
8	286675.0	77.9	7	2	1833.0	1905.0	-
9	577239.0	74.1	7	2	1105.0	1736.0	-

Type 5 Radar Waveform_20							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	867043.0	72.9	8	2	1932.0	1661.0	-
1	1157463.0	67.1	8	2	1499.0	1832.0	-
2	251467.0	53.9	8	1	1211.0	-	-
3	541709.0	71.3	8	2	1274.0	1047.0	-
4	830414.0	92.0	8	3	1768.0	1286.0	1814.0
5	1123749.0	57.4	8	1	1158.0	-	-
6	215400.0	78.7	8	2	1475.0	1150.0	-
7	505640.0	83.0	8	2	1968.0	1039.0	-
8	796948.0	56.9	8	1	1503.0	-	-
9	1087612.0	54.3	8	1	1514.0	-	-

Type 5 Radar Waveform_21

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	137736.0	99.0	12	3	1769.0	1810.0	1377.0
1	360778.0	90.9	12	3	1242.0	1119.0	1655.0
2	583192.0	83.7	12	3	1823.0	1840.0	1120.0
3	808641.0	54.4	12	1	1668.0	–	–
4	110675.0	58.1	12	1	1901.0	–	–
5	334087.0	55.3	12	1	1907.0	–	–
6	555747.0	95.7	12	3	1786.0	1744.0	1272.0
7	778382.0	99.1	12	3	1356.0	1699.0	1837.0
8	82896.0	94.1	12	3	1934.0	1443.0	1398.0
9	305620.0	94.2	12	3	1878.0	1230.0	1647.0
10	529676.0	78.4	12	2	1394.0	1042.0	–
11	751757.0	91.0	12	3	1573.0	1248.0	1086.0
12	55667.0	62.0	12	1	1385.0	–	–

Type 5 Radar Waveform_22

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	200467.0	90.8	17	3	1924.0	1246.0	1734.0
1	363061.0	60.0	17	1	1061.0	–	–
2	523350.0	82.0	17	2	1483.0	1027.0	–
3	20241.0	70.0	17	2	1705.0	1813.0	–
4	181757.0	66.4	17	1	1023.0	–	–
5	342384.0	77.7	17	2	1069.0	1530.0	–
6	502702.0	75.4	17	2	1980.0	1594.0	–
7	431.0	64.1	17	1	1068.0	–	–
8	161823.0	51.2	17	1	1219.0	–	–
9	321481.0	88.6	17	3	1817.0	1588.0	1384.0
10	484661.0	61.8	17	1	1145.0	–	–
11	644218.0	77.4	17	2	1867.0	1187.0	–
12	141573.0	73.8	17	2	1528.0	1430.0	–
13	302087.0	83.7	17	3	1099.0	1805.0	1053.0
14	463415.0	67.8	17	2	1635.0	1463.0	–
15	624250.0	81.4	17	2	1886.0	1320.0	–
16	121366.0	92.5	17	3	1785.0	1296.0	1941.0
17	283535.0	61.7	17	1	1032.0	–	–

Type 5 Radar Waveform_23

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	571482.0	69.7	13	2	1045.0	1218.0	–
1	777281.0	85.7	13	3	1146.0	1482.0	1321.0
2	131396.0	57.9	13	1	1454.0	–	–
3	338211.0	71.7	13	2	1370.0	1893.0	–
4	546670.0	63.5	13	1	1124.0	–	–
5	751137.0	86.7	13	3	1624.0	1762.0	1307.0
6	105371.0	87.3	13	3	1808.0	1973.0	1410.0
7	313182.0	62.5	13	1	1952.0	–	–
8	519261.0	96.4	13	3	1363.0	1469.0	1309.0
9	728006.0	53.6	13	1	1949.0	–	–
10	80108.0	70.7	13	2	1951.0	1236.0	–
11	287811.0	63.2	13	1	1426.0	–	–
12	493705.0	83.8	13	3	1212.0	1416.0	1638.0
13	701062.0	95.7	13	3	1192.0	1329.0	1128.0

Type 5 Radar Waveform_24

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	63760.0	81.9	10	2	1489.0	1220.0	-
1	306095.0	55.1	10	1	1205.0	-	-
2	548069.0	63.2	10	1	1689.0	-	-
3	790702.0	61.3	10	1	1043.0	-	-
4	34007.0	60.0	10	1	1525.0	-	-
5	275291.0	87.4	10	3	1698.0	1620.0	1379.0
6	518291.0	62.3	10	1	1600.0	-	-
7	760617.0	55.3	10	1	1361.0	-	-
8	4171.0	81.5	10	2	1318.0	1889.0	-
9	245649.0	90.2	10	3	1297.0	1227.0	1802.0
10	487288.0	97.7	10	3	1224.0	1071.0	1710.0
11	730849.0	52.3	10	1	1271.0	-	-

Type 5 Radar Waveform_25

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	645979.0	71.8	17	2	1918.0	1738.0	-
1	143909.0	77.1	17	2	1931.0	1078.0	-
2	303692.0	84.3	17	3	1788.0	1839.0	1940.0
3	466130.0	71.7	17	2	1072.0	1502.0	-
4	626051.0	77.8	17	2	1981.0	1803.0	-
5	123959.0	67.7	17	2	1900.0	1771.0	-
6	285527.0	51.5	17	1	1876.0	-	-
7	446220.0	82.5	17	2	1526.0	1153.0	-
8	608743.0	58.7	17	1	1055.0	-	-
9	104494.0	55.3	17	1	1495.0	-	-
10	265712.0	54.0	17	1	1763.0	-	-
11	425796.0	69.1	17	2	1841.0	1754.0	-
12	586336.0	96.6	17	3	1238.0	1222.0	1447.0
13	84234.0	95.3	17	3	1741.0	1552.0	1252.0
14	245169.0	82.7	17	2	1869.0	1731.0	-
15	407258.0	53.8	17	1	1519.0	-	-
16	567646.0	81.3	17	2	1485.0	1123.0	-
17	64601.0	71.8	17	2	1770.0	1269.0	-

Type 5 Radar Waveform_26

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	202506.0	93.4	20	3	1639.0	1333.0	1204.0
1	346546.0	88.1	20	3	1553.0	1450.0	1974.0
2	494130.0	54.8	20	1	1010.0	-	-
3	40394.0	66.1	20	1	1303.0	-	-
4	184428.0	95.5	20	3	1645.0	1682.0	1747.0
5	330056.0	68.7	20	2	1513.0	1137.0	-
6	474219.0	70.4	20	2	1863.0	1683.0	-
7	22510.0	56.4	20	1	1261.0	-	-
8	167254.0	71.3	20	2	1726.0	1209.0	-
9	312636.0	55.1	20	1	1836.0	-	-
10	455639.0	99.4	20	3	1936.0	1076.0	1529.0
11	4618.0	64.4	20	1	1904.0	-	-
12	149799.0	54.2	20	1	1412.0	-	-
13	293979.0	67.8	20	2	1866.0	1567.0	-
14	438787.0	74.0	20	2	1703.0	1564.0	-
15	585343.0	61.2	20	1	1396.0	-	-
16	131869.0	64.9	20	1	1627.0	-	-
17	277080.0	60.2	20	1	1438.0	-	-
18	421495.0	78.2	20	2	1494.0	1015.0	-
19	566051.0	74.7	20	2	1829.0	1054.0	-

Type 5 Radar Waveform_27							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	207327.0	75.8	8	2	1233.0	1368.0	–
1	471634.0	53.0	8	1	1776.0	–	–
2	735803.0	61.6	8	1	1746.0	–	–
3	1000002.0	51.3	8	1	1700.0	–	–
4	174434.0	87.0	8	3	1729.0	1516.0	1728.0
5	438311.0	76.6	8	2	1777.0	1947.0	–
6	703608.0	51.0	8	1	1215.0	–	–
7	965032.0	94.2	8	3	1344.0	1126.0	1966.0
8	142384.0	64.8	8	1	1977.0	–	–
9	406713.0	64.7	8	1	1365.0	–	–
10	670965.0	54.7	8	1	1359.0	–	–

Type 5 Radar Waveform_28							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	685675.0	58.4	14	1	1172.0	–	–
1	80426.0	74.0	14	2	1173.0	1589.0	–
2	274270.0	59.7	14	1	1340.0	–	–
3	465940.0	96.8	14	3	1531.0	1846.0	1427.0
4	661184.0	59.5	14	1	1927.0	–	–
5	56472.0	97.6	14	3	1896.0	1773.0	1030.0
6	250487.0	55.6	14	1	1096.0	–	–
7	443039.0	81.6	14	2	1670.0	1598.0	–
8	637918.0	65.6	14	1	1207.0	–	–
9	32860.0	51.2	14	1	1131.0	–	–
10	226219.0	71.4	14	2	1159.0	1351.0	–
11	418823.0	96.4	14	3	1250.0	1383.0	1423.0
12	611663.0	96.5	14	3	1334.0	1634.0	1349.0
13	8974.0	83.1	14	2	1830.0	1037.0	–
14	201777.0	94.4	14	3	1643.0	1957.0	1346.0

Type 5 Radar Waveform_29							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	330107.0	51.0	17	1	1559.0	–	–
1	489055.0	86.2	17	3	1664.0	1982.0	1109.0
2	650510.0	95.1	17	3	1239.0	1046.0	1532.0
3	148196.0	85.4	17	3	1364.0	1554.0	1910.0
4	309706.0	80.4	17	2	1658.0	1041.0	–
5	470552.0	72.5	17	2	1631.0	1332.0	–
6	631843.0	75.6	17	2	1339.0	1285.0	–
7	129039.0	56.6	17	1	1660.0	–	–
8	289154.0	96.0	17	3	1169.0	1714.0	1457.0
9	450118.0	90.4	17	3	1003.0	1448.0	1404.0
10	611043.0	76.5	17	2	1946.0	1722.0	–
11	109123.0	53.4	17	1	1960.0	–	–
12	269807.0	79.2	17	2	1737.0	1522.0	–
13	430623.0	68.9	17	2	1740.0	1644.0	–
14	591703.0	67.6	17	2	1630.0	1515.0	–
15	89085.0	76.3	17	2	1521.0	1779.0	–
16	249459.0	91.6	17	3	1104.0	1764.0	1795.0
17	412085.0	56.6	17	1	1322.0	–	–

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	5379	5372	5598	5342	5262
5	5356	5594	5473	5620	5517
10	5718	5460	5281	5701	5363
15	5518	5607	5629	5692	5264
20	5691	5285	5326	5324	5721
25	5493	5545	5424	5707	5371
30	5597	5667	5397	5452	5715
35	5711	5694	5539	5576	5557
40	5488	5609	5637	5610	5257
45	5511	5406	5392	5423	5258
50	5641	5405	5520	5569	5344
55	5393	5621	5346	5591	5633
60	5420	5588	5596	5645	5301
65	5410	5554	5474	5549	5318
70	5303	5482	5429	5470	5441
75	5317	5337	5403	5348	5699
80	5552	5602	5608	5568	5443
85	5332	5271	5368	5388	5690
90	5448	5674	5296	5434	5573
95	5567	5648	5269	5487	5696

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5634	5611	5534	5503	5482
5	5398	5519	5548	5686	5724
10	5552	5346	5322	5324	5384
15	5606	5259	5635	5262	5456
20	5699	5451	5267	5316	5694
25	5284	5397	5627	5336	5405
30	5639	5556	5354	5667	5392
35	5434	5358	5630	5372	5710
40	5402	5448	5720	5497	5605
45	5335	5506	5597	5410	5659
50	5696	5620	5530	5594	5468
55	5545	5251	5714	5462	5628
60	5721	5717	5477	5279	5675
65	5595	5610	5277	5401	5501
70	5541	5641	5436	5296	5371
75	5367	5533	5479	5622	5383
80	5297	5684	5565	5615	5443
85	5649	5709	5510	5711	5342
90	5463	5613	5680	5343	5543
95	5590	5254	5642	5466	5400

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5317	5375	5470	5664	5324
5	5440	5541	5623	5374	5456
10	5483	5610	5363	5519	5405
15	5694	5386	5263	5307	5270
20	5707	5520	5683	5667	5647
25	5724	5355	5439	5303	5542
30	5311	5407	5641	5254	5497
35	5343	5265	5485	5316	5287
40	5328	5389	5262	5602	5264
45	5255	5589	5650	5297	5535
50	5397	5671	5619	5417	5412
55	5722	5402	5441	5436	5433
60	5282	5500	5288	5549	5700
65	5498	5544	5390	5345	5644
70	5679	5670	5539	5490	5719
75	5491	5413	5514	5256	5257
80	5261	5461	5272	5562	5335
85	5346	5588	5294	5605	5676
90	5296	5711	5321	5686	5377
95	5438	5652	5607	5677	5713

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5572	5614	5406	5253	5544
5	5482	5466	5698	5537	5663
10	5414	5399	5404	5714	5426
15	5307	5513	5366	5352	5462
20	5618	5686	5721	5397	5640
25	5438	5673	5558	5641	5473
30	5345	5431	5268	5525	5318
35	5452	5539	5434	5536	5638
40	5327	5411	5502	5599	5571
45	5710	5672	5335	5703	5562
50	5573	5722	5708	5715	5259
55	5435	5356	5631	5255	5665
60	5381	5604	5646	5699	5493
65	5329	5652	5439	5267	5644
70	5717	5388	5689	5688	5611
75	5556	5495	5508	5367	5517
80	5528	5432	5559	5627	5724
85	5430	5257	5322	5347	5484
90	5519	5468	5692	5314	5664
95	5624	5697	5530	5418	5297

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5352	5378	5342	5414	5386
5	5621	5488	5298	5700	5492
10	5723	5663	5445	5434	5447
15	5543	5469	5300	5654	5626
20	5280	5662	5486	5613	5326
25	5525	5664	5270	5410	5387
30	5320	5265	5567	5272	5678
35	5332	5316	5716	5537	5591
40	5645	5596	5500	5690	5393
45	5281	5449	5287	5274	5322
50	5538	5623	5310	5346	5549
55	5375	5540	5355	5653	5688
60	5527	5689	5522	5442	5365
65	5709	5436	5511	5647	5566
70	5364	5648	5657	5256	5602
75	5476	5285	5380	5692	5495
80	5556	5347	5724	5317	5417
85	5509	5301	5257	5339	5633
90	5348	5580	5263	5312	5303
95	5336	5684	5616	5362	5606

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5607	5617	5278	5575	5606
5	5663	5413	5373	5388	5699
10	5654	5452	5486	5629	5468
15	5386	5670	5572	5345	5371
20	5634	5446	5603	5586	5689
25	5474	5392	5374	5444	5526
30	5306	5657	5480	5719	5470
35	5342	5616	5566	5630	5376
40	5674	5678	5410	5593	5332
45	5363	5451	5334	5714	5541
50	5450	5349	5411	5264	5525
55	5536	5368	5724	5669	5520
60	5695	5353	5635	5723	5391
65	5401	5694	5601	5466	5508
70	5497	5272	5415	5718	5529
75	5270	5457	5537	5490	5554
80	5381	5558	5553	5542	5627
85	5686	5280	5609	5377	5352
90	5505	5323	5326	5382	5365
95	5407	5367	5287	5709	5261

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5290	5381	5689	5261	5448
5	5705	5435	5454	5431	5585
10	5338	5624	5252	5489	5474
15	5322	5578	5390	5563	5545
20	5515	5641	5567	5559	5480
25	5326	5595	5478	5568	5670
30	5614	5695	5493	5481	5707
35	5496	5719	5544	5690	5282
40	5616	5650	5687	5446	5412
45	5387	5601	5417	5626	5400
50	5597	5562	5469	5427	5693
55	5251	5565	5701	5685	5640
60	5449	5276	5581	5546	5340
65	5429	5396	5269	5677	5580
70	5275	5264	5694	5566	5498
75	5399	5316	5438	5314	5600
80	5335	5718	5453	5262	5530
85	5528	5342	5306	5278	5260
90	5488	5332	5319	5722	5419
95	5297	5422	5271	5704	5364

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5545	5620	5625	5422	5668
5	5272	5360	5523	5617	5260
10	5419	5602	5665	5447	5510
15	5562	5449	5681	5338	5280
20	5553	5582	5656	5532	5368
25	5653	5323	5679	5512	5610
30	5571	5645	5585	5292	5397
35	5555	5529	5462	5554	5318
40	5684	5630	5470	5343	5391
45	5293	5327	5451	5686	5385
50	5316	5615	5647	5441	5384
55	5666	5355	5375	5281	5577
60	5527	5289	5376	5261	5288
65	5547	5274	5566	5588	5670
70	5525	5370	5519	5459	5469
75	5613	5591	5612	5306	5450
80	5457	5530	5303	5421	5685
85	5357	5429	5353	5604	5528
90	5314	5477	5352	5524	5467
95	5550	5321	5590	5661	5631

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5325	5384	5561	5583	5510
5	5411	5382	5598	5305	5467
10	5350	5391	5706	5642	5531
15	5553	5479	5309	5383	5472
20	5275	5523	5648	5505	5634
25	5602	5526	5308	5546	5274
30	5545	5528	5419	5662	5511
35	5563	5647	5469	5465	5492
40	5558	5681	5497	5513	5612
45	5396	5278	5644	5503	5502
50	5300	5683	5260	5328	5601
55	5534	5678	5637	5484	5540
60	5530	5588	5403	5570	5473
65	5713	5315	5471	5443	5552
70	5378	5340	5646	5339	5639
75	5400	5721	5723	5372	5301
80	5369	5447	5433	5363	5613
85	5311	5677	5343	5344	5290
90	5389	5331	5532	5336	5500
95	5406	5555	5645	5504	5464

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5580	5623	5497	5269	5255
5	5453	5307	5673	5468	5674
10	5659	5655	5272	5362	5552
15	5641	5606	5412	5428	5664
20	5472	5441	5464	5262	5478
25	5522	5454	5632	5316	5434
30	5485	5293	5571	5603	5326
35	5602	5456	5325	5383	5304
40	5628	5430	5323	5678	5426
45	5493	5695	5489	5449	5543
50	5423	5679	5553	5389	5409
55	5582	5516	5555	5724	5400
60	5511	5613	5705	5572	5517
65	5296	5662	5351	5303	5353
70	5515	5538	5381	5622	5443
75	5686	5284	5648	5498	5358
80	5465	5432	5444	5469	5433
85	5626	5330	5518	5450	5573
90	5508	5447	5324	5271	5649
95	5445	5587	5320	5398	5385

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5360	5484	5433	5333	5572
5	5495	5329	5273	5534	5503
10	5590	5444	5313	5557	5573
15	5254	5258	5515	5473	5478
20	5480	5607	5502	5451	5403
25	5516	5614	5358	5420	5442
30	5508	5345	5326	5368	5693
35	5252	5394	5618	5711	5271
40	5563	5675	5303	5547	5430
45	5299	5380	5604	5575	5707
50	5526	5704	5509	5439	5694
55	5482	5267	5395	5517	5349
60	5627	5462	5497	5611	5387
65	5513	5720	5334	5587	5621
70	5481	5598	5305	5655	5404
75	5316	5459	5275	5371	5409
80	5629	5592	5441	5664	5336
85	5565	5386	5425	5698	5296
90	5673	5453	5261	5531	5283
95	5642	5401	5364	5679	5454

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5518	5723	5369	5494	5317
5	5634	5254	5348	5697	5710
10	5521	5330	5354	5655	5594
15	5342	5385	5421	5670	5488
20	5676	5443	5343	5424	5255
25	5563	5717	5648	5497	5309
30	5399	5626	5621	5507	5523
35	5253	5308	5457	5416	5684
40	5706	5294	5662	5453	5386
45	5605	5555	5695	5650	5556
50	5664	5530	5373	5320	5463
55	5629	5513	5299	5560	5462
60	5656	5505	5326	5345	5515
65	5612	5281	5607	5484	5362
70	5477	5264	5527	5427	5440
75	5481	5665	5696	5341	5384
80	5714	5407	5349	5617	5351
85	5367	5471	5591	5363	5459
90	5295	5413	5479	5669	5721
95	5307	5296	5358	5449	5352

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5298	5487	5402	5655	5634
5	5676	5276	5423	5385	5442
10	5355	5594	5395	5375	5615
15	5333	5512	5624	5466	5387
20	5399	5367	5384	5335	5397
25	5564	5582	5291	5346	5682
30	5539	5673	5356	5366	5271
35	5344	5646	5400	5319	5406
40	5697	5393	5499	5622	5471
45	5591	5433	5469	5663	5608
50	5526	5257	5706	5278	5353
55	5317	5508	5417	5332	5424
60	5428	5250	5407	5488	5376
65	5451	5521	5509	5362	5555
70	5415	5593	5584	5589	5453
75	5698	5496	5547	5505	5421
80	5494	5446	5718	5338	5579
85	5714	5724	5409	5712	5694
90	5321	5719	5314	5528	5465
95	5707	5295	5404	5277	5369

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5553	5251	5338	5341	5379
5	5718	5676	5498	5548	5271
10	5286	5383	5436	5570	5636
15	5421	5542	5252	5511	5579
20	5407	5422	5424	5370	5355
25	5531	5494	5450	5716	5581
30	5659	5313	5423	5639	5310
35	5588	5687	5559	5708	5707
40	5582	5560	5711	5288	5413
45	5552	5624	5661	5372	5305
50	5433	5282	5367	5554	5696
55	5371	5534	5529	5298	5557
60	5415	5449	5320	5677	5397
65	5344	5458	5301	5387	5693
70	5522	5587	5438	5429	5657
75	5465	5667	5551	5402	5459
80	5604	5702	5549	5403	5335
85	5396	5617	5663	5492	5609
90	5568	5266	5555	5513	5610
95	5332	5562	5314	5614	5439

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5333	5490	5274	5502	5696
5	5285	5698	5573	5614	5478
10	5692	5647	5574	5290	5657
15	5509	5669	5355	5556	5296
20	5415	5602	5363	5416	5343
25	5718	5383	5697	5554	5275
30	5720	5548	5270	5321	5672
35	5459	5352	5679	5483	5334
40	5622	5546	5665	5498	5476
45	5393	5635	5682	5617	5259
50	5656	5609	5553	5377	5583
55	5409	5703	5724	5348	5269
60	5686	5580	5394	5600	5545
65	5407	5337	5597	5569	5496
70	5594	5662	5687	5287	5405
75	5616	5312	5694	5711	5714
80	5713	5466	5332	5591	5520
85	5505	5335	5621	5527	5326
90	5643	5300	5437	5525	5627
95	5387	5434	5460	5561	5512

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5491	5254	5685	5663	5441
5	5424	5720	5648	5302	5526
10	5436	5615	5485	5678	5597
15	5321	5458	5504	5488	5326
20	5671	5304	5505	5316	5509
25	5332	5328	5658	5309	5287
30	5534	5702	5439	5349	5657
35	5295	5279	5487	5536	5385
40	5370	5619	5282	5659	5276
45	5718	5265	5670	5524	5532
50	5310	5384	5642	5675	5430
55	5342	5715	5340	5270	5339
60	5556	5426	5386	5368	5356
65	5373	5429	5364	5677	5288
70	5690	5611	5381	5575	5306
75	5335	5252	5264	5305	5529
80	5329	5311	5520	5347	5395
85	5716	5492	5280	5416	5627
90	5548	5580	5712	5697	5634
95	5644	5442	5418	5358	5443

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5271	5493	5621	5349	5283
5	5466	5645	5723	5465	5514
10	5457	5700	5656	5583	5699
15	5588	5448	5464	5549	5680
20	5334	5362	5342	5497	5289
25	5397	5659	5531	5384	5343
30	5329	5423	5654	5598	5477
35	5630	5386	5647	5640	5547
40	5453	5374	5279	5256	5326
45	5701	5411	5311	5486	5435
50	5498	5310	5611	5532	5364
55	5686	5469	5284	5388	5252
60	5332	5569	5305	5312	5639
65	5634	5480	5360	5315	5460
70	5260	5534	5653	5455	5408
75	5345	5265	5520	5592	5704
80	5506	5286	5358	5433	5331
85	5664	5350	5713	5586	5579
90	5268	5661	5499	5422	5347
95	5530	5261	5300	5327	5528

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5526	5257	5557	5510	5503
5	5508	5667	5323	5628	5721
10	5291	5586	5697	5303	5720
15	5676	5575	5567	5594	5397
20	5342	5431	5283	5262	5663
25	5511	5259	5488	5377	5371
30	5312	5616	5394	5275	5675
35	5294	5477	5443	5415	5461
40	5635	5536	5690	5624	5373
45	5517	5711	5409	5284	5301
50	5662	5486	5345	5321	5696
55	5498	5565	5722	5658	5560
60	5501	5600	5326	5695	5650
65	5278	5295	5254	5348	5471
70	5529	5717	5318	5687	5493
75	5622	5551	5472	5633	5277
80	5701	5603	5418	5528	5325
85	5285	5437	5645	5403	5592
90	5683	5280	5300	5552	5483
95	5629	5304	5450	5253	5356

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5306	5496	5493	5574	5345
5	5550	5592	5398	5694	5453
10	5697	5375	5263	5498	5266
15	5289	5605	5670	5639	5686
20	5253	5597	5699	5578	5332
25	5551	5460	5462	5411	5510
30	5298	5573	5609	5524	5495
35	5336	5568	5714	5474	5716
40	5628	5292	5370	5349	5691
45	5492	5342	5354	5563	5538
50	5363	5537	5434	5522	5640
55	5589	5519	5437	5477	5531
60	5630	5290	5271	5527	5476
65	5321	5593	5678	5287	5681
70	5561	5601	5703	5536	5687
75	5452	5494	5695	5404	5672
80	5485	5557	5322	5340	5698
85	5518	5326	5542	5381	5720
90	5668	5685	5368	5717	5721
95	5389	5317	5607	5467	5283

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5561	5260	5429	5565	5689
5	5614	5473	5382	5660	5628
10	5639	5304	5693	5287	5377
15	5257	5298	5587	5403	5261
20	5666	5262	5667	5305	5342
25	5312	5665	5696	5445	5552
30	5662	5530	5252	5676	5475
35	5281	5510	5721	5386	5313
40	5324	5566	5532	5367	5278
45	5671	5575	5303	5407	5353
50	5414	5539	5588	5620	5345
55	5487	5302	5627	5296	5502
60	5284	5455	5691	5456	5267
65	5319	5323	5513	5688	5364
70	5673	5421	5385	5663	5411
75	5463	5340	5265	5449	5595
80	5338	5389	5695	5713	5704
85	5384	5441	5437	5633	5290
90	5458	5258	5701	5654	5603
95	5498	5334	5548	5522	5640

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5719	5499	5365	5421	5407
5	5256	5539	5548	5545	5489
10	5462	5428	5345	5413	5308
15	5368	5384	5401	5632	5595
20	5269	5357	5678	5659	5278
25	5705	5261	5296	5422	5479
30	5594	5551	5487	5467	5450
35	5513	5614	5372	5403	5399
40	5300	5627	5504	5297	5364
45	5585	5651	5280	5361	5363
50	5715	5668	5639	5709	5643
55	5431	5490	5427	5342	5493
60	5473	5620	5258	5288	5700
65	5688	5617	5576	5359	5723
70	5483	5367	5675	5424	5370
75	5432	5311	5366	5701	5608
80	5553	5563	5692	5433	5607
85	5404	5532	5501	5341	5706
90	5386	5423	5707	5388	5510
95	5351	5717	5420	5619	5284

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5499	5263	5301	5582	5627
5	5298	5561	5623	5708	5696
10	5393	5692	5386	5511	5329
15	5456	5407	5677	5312	5655
20	5523	5619	5273	5251	5593
25	5588	5526	5513	5258	5537
30	5444	5682	5602	5333	5656
35	5463	5674	5649	5689	5563
40	5490	5442	5361	5514	5534
45	5363	5419	5416	5505	5544
50	5690	5323	5466	5278	5678
55	5381	5532	5347	5542	5310
60	5595	5634	5343	5525	5555
65	5348	5439	5283	5524	5461
70	5615	5304	5483	5454	5478
75	5718	5375	5717	5626	5628
80	5607	5640	5464	5724	5295
85	5382	5584	5713	5625	5270
90	5368	5297	5516	5318	5598
95	5387	5667	5639	5410	5302

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5279	5502	5712	5268	5372
5	5340	5486	5698	5299	5428
10	5324	5578	5524	5706	5350
15	5544	5638	5510	5625	5504
20	5663	5592	5657	5265	5699
25	5384	5440	5702	5630	5547
30	5300	5426	5401	5422	5376
35	5531	5320	5554	5470	5327
40	5700	5402	5670	5380	5680
45	5455	5443	5514	5446	5469
50	5392	5420	5266	5412	5667
55	5697	5391	5335	5606	5318
60	5574	5475	5623	5427	5449
65	5677	5641	5474	5334	5290
70	5645	5626	5608	5269	5527
75	5310	5494	5288	5273	5603
80	5500	5328	5255	5353	5631
85	5406	5689	5589	5445	5482
90	5344	5346	5404	5278	5341
95	5659	5627	5352	5597	5691

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5534	5266	5648	5429	5689
5	5479	5508	5298	5462	5257
10	5633	5367	5565	5426	5371
15	5632	5668	5613	5670	5696
20	5671	5283	5598	5354	5672
25	5272	5389	5430	5259	5484
30	5342	5315	5358	5540	5528
35	5351	5459	5645	5363	5480
40	5614	5716	5278	5318	5445
45	5452	5275	5494	5529	5438
50	5522	5657	5296	5317	5490
55	5544	5579	5289	5340	5328
60	5703	5640	5568	5356	5623
65	5423	5370	5597	5440	5680
70	5255	5627	5634	5470	5722
75	5620	5723	5643	5309	5410
80	5366	5412	5473	5277	5586
85	5413	5324	5487	5536	5299
90	5300	5403	5602	5443	5347
95	5693	5265	5499	5407	5581

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5692	5505	5584	5590	5434
5	5521	5433	5373	5625	5464
10	5564	5631	5606	5621	5392
15	5623	5320	5716	5715	5413
20	5582	5352	5539	5346	5645
25	5538	5633	5460	5518	5481
30	5301	5315	5280	5302	5549
35	5598	5358	5634	5255	5528
40	5555	5361	5256	5685	5449
45	5679	5474	5612	5496	5575
50	5544	5550	5372	5368	5687
55	5313	5488	5670	5718	5530
60	5622	5260	5357	5330	5610
65	5663	5576	5569	5568	5309
70	5332	5707	5374	5630	5483
75	5446	5681	5589	5271	5689
80	5290	5662	5476	5668	5637
85	5437	5583	5360	5263	5450
90	5253	5642	5351	5651	5422
95	5608	5353	5294	5516	5462

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5472	5269	5520	5654	5276
5	5563	5455	5448	5313	5671
10	5495	5420	5647	5341	5413
15	5711	5447	5344	5285	5702
20	5590	5518	5480	5435	5618
25	5426	5665	5264	5564	5552
30	5523	5272	5454	5369	5640
35	5449	5430	5408	5539	5394
40	5541	5572	5450	5446	5511
45	5695	5457	5628	5334	5548
50	5419	5301	5611	5335	5383
55	5672	5720	5441	5609	5486
60	5555	5499	5612	5391	5321
65	5345	5639	5602	5324	5255
70	5332	5422	5461	5357	5271
75	5439	5586	5326	5500	5580
80	5316	5510	5348	5607	5305
85	5424	5620	5298	5359	5664
90	5554	5386	5533	5517	5646
95	5385	5320	5703	5350	5308

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5252	5605	5456	5340	5496
5	5380	5523	5476	5500	5329
10	5684	5688	5439	5434	5324
15	5574	5350	5708	5419	5598
20	5587	5518	5427	5591	5692
25	5517	5467	5668	5586	5565
30	5651	5704	5710	5703	5567
35	5304	5540	5701	5561	5453
40	5330	5624	5510	5593	5443
45	5440	5303	5515	5584	5696
50	5302	5724	5470	5390	5337
55	5279	5571	5529	5435	5260
60	5580	5615	5660	5327	5325
65	5558	5592	5270	5284	5374
70	5397	5691	5310	5258	5559
75	5398	5599	5430	5511	5705
80	5490	5563	5577	5275	5694
85	5519	5473	5475	5356	5672
90	5463	5365	5601	5436	5495
95	5647	5572	5630	5677	5426

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5507	5369	5392	5501	5338
5	5269	5402	5598	5542	5707
10	5260	5570	5254	5634	5455
15	5412	5701	5453	5278	5611
20	5509	5459	5516	5564	5580
25	5670	5297	5620	5704	5540
30	5661	5353	5380	5387	5443
35	5631	5594	5336	5367	5644
40	5448	5358	5537	5317	5386
45	5573	5637	5486	5653	5425
50	5521	5479	5635	5698	5284
55	5483	5625	5457	5551	5350
60	5445	5626	5504	5415	5316
65	5320	5681	5289	5494	5687
70	5296	5261	5408	5374	5558
75	5302	5546	5330	5468	5709
80	5557	5477	5567	5694	5361
85	5436	5440	5310	5638	5628
90	5696	5604	5664	5627	5614
95	5656	5530	5624	5257	5272

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5287	5608	5328	5662	5558
5	5311	5327	5673	5705	5439
10	5569	5359	5295	5354	5476
15	5403	5256	5556	5323	5517
20	5347	5400	5508	5537	5468
25	5318	5398	5498	5654	5271
30	5429	5618	5568	5629	5682
35	5485	5722	5390	5489	5378
40	5483	5315	5386	5598	5534
45	5676	5297	5469	5690	5373
50	5432	5601	5572	5665	5458
55	5545	5472	5437	5340	5276
60	5522	5301	5515	5487	5563
65	5549	5547	5616	5265	5356
70	5513	5559	5381	5282	5361
75	5257	5253	5689	5720	5344
80	5267	5721	5474	5597	5678
85	5496	5352	5308	5693	5578
90	5681	5695	5651	5538	5633
95	5635	5319	5337	5617	5490

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5445	5372	5264	5348	5400
5	5353	5349	5273	5393	5268
10	5500	5623	5336	5549	5497
15	5491	5383	5659	5368	5520
20	5525	5513	5438	5597	5510
25	5259	5645	5601	5602	5688
30	5313	5415	5575	5308	5306
35	5405	5624	5435	5661	5642
40	5292	5322	5495	5324	5266
45	5531	5605	5277	5552	5592
50	5638	5302	5279	5281	5489
55	5660	5391	5433	5570	5396
60	5430	5680	5432	5395	5375
65	5493	5439	5689	5295	5723
70	5451	5453	5365	5364	5581
75	5704	5476	5715	5299	5260
80	5357	5523	5410	5374	5471
85	5482	5617	5459	5544	5651
90	5315	5369	5656	5483	5480
95	5606	5460	5250	5698	5262

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-06 ~ 2022-07-08		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz)		
Test Mode	AP Mode		

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	5524	1	5522	1	5514	1	5523	1
1	5529	1	5533	1	5527	1	5530	1
2	5550	1	5558	1	5537	1	5555	1
3	5543	1	5530	1	5548	1	5518	1
4	5539	1	5522	1	5526	1	5503	1
5	5530	1	5541	1	5564	1	5510	1
6	5553	1	5509	1	5530	1	5558	1
7	5504	1	5541	1	5524	1	5566	1
8	5553	1	5534	1	5490	1	5493	1
9	5517	1	5521	1	5534	1	5500	1
10	5560	1	5496	1	5490	1	5532	0
11	5511	1	5538	1	5567	1	5497	1
12	5517	1	5508	1	5553	1	5570	1
13	5520	1	5515	1	5547	1	5539	1
14	5546	1	5561	0	5566	1	5500	1
15	5524	1	5543	1	5543	1	5490	1
16	5531	1	5551	1	5514	1	5559	0
17	5490	1	5552	1	5509	1	5542	1
18	5541	1	5496	1	5503	1	5556	1
19	5506	1	5549	0	5493	1	5545	1
20	5527	1	5490	1	5511	1	5509	1
21	5521	1	5551	1	5499	1	5547	1
22	5545	1	5565	1	5490	1	5490	1
23	5502	1	5542	1	5537	1	5541	1
24	5541	1	5499	1	5499	1	5532	1
25	5562	0	5543	1	5526	1	5554	1
26	5493	1	5570	1	5562	1	5495	1
27	5554	1	5552	1	5570	1	5497	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	5570	1	5540	1	5531	0	5504	1
29	5528	1	5560	1	5493	1	5491	1
Probability:	**96.7%**		**93.3%**		**96.7%**		**93.3%**	
Aggregate:	**95.0% (>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	698.0	76	53048.0
Download	1	Type 1	1.0	778.0	68	52904.0
Download	2	Type 1	1.0	858.0	62	53196.0
Download	3	Type 1	1.0	678.0	78	52884.0
Download	4	Type 1	1.0	578.0	92	53176.0
Download	5	Type 1	1.0	518.0	102	52836.0
Download	6	Type 1	1.0	538.0	99	53262.0
Download	7	Type 1	1.0	618.0	86	53148.0
Download	8	Type 1	1.0	938.0	57	53466.0
Download	9	Type 1	1.0	798.0	67	53466.0
Download	10	Type 1	1.0	818.0	65	53170.0
Download	11	Type 1	1.0	598.0	89	53222.0
Download	12	Type 1	1.0	558.0	95	53010.0
Download	13	Type 1	1.0	898.0	59	52982.0
Download	14	Type 1	1.0	738.0	72	53136.0
Download	15	Type 1	1.0	582.0	91	52962.0
Download	16	Type 1	1.0	1534.0	35	53690.0
Download	17	Type 1	1.0	1923.0	28	53844.0
Download	18	Type 1	1.0	1727.0	31	53537.0
Download	19	Type 1	1.0	849.0	63	53487.0
Download	20	Type 1	1.0	1559.0	34	53006.0
Download	21	Type 1	1.0	2299.0	23	52877.0
Download	22	Type 1	1.0	3010.0	18	54180.0
Download	23	Type 1	1.0	1058.0	50	52900.0
Download	24	Type 1	1.0	520.0	102	53040.0
Download	25	Type 1	1.0	2586.0	21	54306.0
Download	26	Type 1	1.0	2536.0	21	53256.0
Download	27	Type 1	1.0	1989.0	27	53703.0
Download	28	Type 1	1.0	1086.0	49	53214.0
Download	29	Type 1	1.0	2776.0	20	55520.0

Radar Type 2 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	3.1	218.0	26	5668.0
Download	1	Type 2	3.1	212.0	26	5512.0
Download	2	Type 2	3.5	187.0	27	5049.0
Download	3	Type 2	4.3	204.0	28	5712.0
Download	4	Type 2	1.2	191.0	23	4393.0
Download	5	Type 2	3.1	160.0	26	4160.0
Download	6	Type 2	3.4	200.0	27	5400.0
Download	7	Type 2	2.0	208.0	24	4992.0
Download	8	Type 2	1.1	193.0	23	4439.0
Download	9	Type 2	4.5	227.0	29	6583.0
Download	10	Type 2	4.4	189.0	28	5292.0
Download	11	Type 2	4.6	181.0	29	5249.0
Download	12	Type 2	1.5	203.0	23	4669.0
Download	13	Type 2	2.6	178.0	25	4450.0
Download	14	Type 2	3.0	150.0	26	3900.0
Download	15	Type 2	3.5	202.0	27	5454.0
Download	16	Type 2	1.3	175.0	23	4025.0
Download	17	Type 2	1.7	184.0	24	4416.0
Download	18	Type 2	3.4	224.0	27	6048.0
Download	19	Type 2	1.3	205.0	23	4715.0
Download	20	Type 2	2.4	195.0	25	4875.0
Download	21	Type 2	1.8	228.0	24	5472.0
Download	22	Type 2	1.5	220.0	24	5280.0
Download	23	Type 2	1.7	171.0	24	4104.0
Download	24	Type 2	2.5	176.0	25	4400.0
Download	25	Type 2	1.4	190.0	23	4370.0
Download	26	Type 2	3.6	164.0	27	4428.0
Download	27	Type 2	2.2	210.0	25	5250.0
Download	28	Type 2	4.7	219.0	29	6351.0
Download	29	Type 2	4.1	216.0	28	6048.0

Radar Type 3 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	8.1	394.0	17	6698.0
Download	1	Type 3	8.1	368.0	17	6256.0
Download	2	Type 3	8.5	266.0	17	4522.0
Download	3	Type 3	9.3	395.0	18	7110.0
Download	4	Type 3	6.2	496.0	16	7936.0
Download	5	Type 3	8.1	407.0	17	6919.0
Download	6	Type 3	8.4	386.0	17	6562.0
Download	7	Type 3	7.0	280.0	16	4480.0
Download	8	Type 3	6.1	442.0	16	7072.0
Download	9	Type 3	9.5	332.0	18	5976.0
Download	10	Type 3	9.4	372.0	18	6696.0
Download	11	Type 3	9.6	473.0	18	8514.0
Download	12	Type 3	6.5	475.0	16	7600.0
Download	13	Type 3	7.6	205.0	17	3485.0
Download	14	Type 3	8.0	240.0	17	4080.0
Download	15	Type 3	8.5	461.0	17	7837.0
Download	16	Type 3	6.3	230.0	16	3680.0
Download	17	Type 3	6.7	324.0	16	5184.0
Download	18	Type 3	8.4	203.0	17	3451.0
Download	19	Type 3	6.3	336.0	16	5376.0
Download	20	Type 3	7.4	262.0	17	4454.0
Download	21	Type 3	6.8	246.0	16	3936.0
Download	22	Type 3	6.5	491.0	16	7856.0
Download	23	Type 3	6.7	232.0	16	3712.0
Download	24	Type 3	7.5	356.0	17	6052.0
Download	25	Type 3	6.4	361.0	16	5776.0
Download	26	Type 3	8.6	450.0	17	7650.0
Download	27	Type 3	7.2	427.0	16	6832.0
Download	28	Type 3	9.7	259.0	18	4662.0
Download	29	Type 3	9.1	380.0	18	6840.0

Radar Type 4 – Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	15.6	394.0	14	5516.0
Download	1	Type 4	15.7	368.0	14	5152.0
Download	2	Type 4	16.7	266.0	15	3990.0
Download	3	Type 4	18.3	395.0	16	6320.0
Download	4	Type 4	11.4	496.0	12	5952.0
Download	5	Type 4	15.7	407.0	14	5698.0
Download	6	Type 4	16.4	386.0	14	5404.0
Download	7	Type 4	13.2	280.0	13	3640.0
Download	8	Type 4	11.2	442.0	12	5304.0
Download	9	Type 4	18.9	332.0	16	5312.0
Download	10	Type 4	18.5	372.0	16	5952.0
Download	11	Type 4	19.1	473.0	16	7568.0
Download	12	Type 4	12.1	475.0	12	5700.0
Download	13	Type 4	14.5	205.0	13	2665.0
Download	14	Type 4	15.4	240.0	14	3360.0
Download	15	Type 4	16.6	461.0	15	6915.0
Download	16	Type 4	11.7	230.0	12	2760.0
Download	17	Type 4	12.7	324.0	12	3888.0
Download	18	Type 4	16.4	203.0	14	2842.0
Download	19	Type 4	11.7	336.0	12	4032.0
Download	20	Type 4	14.2	262.0	13	3406.0
Download	21	Type 4	12.7	246.0	12	2952.0
Download	22	Type 4	12.3	491.0	12	5892.0
Download	23	Type 4	12.7	232.0	12	2784.0
Download	24	Type 4	14.4	356.0	13	4628.0
Download	25	Type 4	11.9	361.0	12	4332.0
Download	26	Type 4	16.8	450.0	15	6750.0
Download	27	Type 4	13.8	427.0	13	5551.0
Download	28	Type 4	19.3	259.0	16	4144.0
Download	29	Type 4	17.8	380.0	15	5700.0

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	5495.6	1
1	5530	1	16	5492.4	1
2	5530	1	17	5492.8	1
3	5530	1	18	5495.6	1
4	5530	0	19	5492.4	1
5	5530	1	20	5566	1
6	5530	1	21	5566.8	1
7	5530	1	22	5567.2	1
8	5530	1	23	5566.8	1
9	5530	1	24	5565.6	1
10	5497.2	1	25	5567.6	1
11	5497.6	1	26	5564	1
12	5492.4	1	27	5566.4	1
13	5494.4	1	28	5562.4	1
14	5494.8	1	29	5563.2	1
Detection Percentage (%)			**96.7%**		

Type 5 Radar Waveform_0							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	644873.0	75.6	13	2	1662.0	1062.0	–
1	851088.0	76.0	13	2	1802.0	1933.0	–
2	204954.0	81.4	13	2	1266.0	1235.0	–
3	410973.0	90.6	13	3	1806.0	1700.0	1604.0
4	620409.0	52.4	13	1	1260.0	–	–
5	826133.0	76.3	13	2	1738.0	1439.0	–
6	179190.0	79.7	13	2	1809.0	1799.0	–
7	387057.0	62.2	13	1	1711.0	–	–
8	594776.0	51.4	13	1	1352.0	–	–
9	800333.0	93.9	13	3	1031.0	1156.0	1298.0
10	153598.0	91.6	13	3	1331.0	1658.0	1139.0
11	360347.0	94.6	13	3	1370.0	1084.0	1991.0
12	569318.0	56.1	13	1	1190.0	–	–
13	774502.0	69.8	13	2	1897.0	1949.0	–

Type 5 Radar Waveform_1							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	128337.0	74.6	13	2	1359.0	1288.0	–
1	335767.0	81.2	13	2	1026.0	1142.0	–
2	543233.0	54.1	13	1	1998.0	–	–
3	750696.0	59.3	13	1	1926.0	–	–
4	102756.0	79.7	13	2	1882.0	1207.0	–
5	310413.0	54.2	13	1	1651.0	–	–
6	517180.0	68.0	13	2	1819.0	1016.0	–
7	725738.0	59.8	13	1	1229.0	–	–
8	77418.0	57.1	13	1	1138.0	–	–
9	284888.0	59.6	13	1	1554.0	–	–
10	491385.0	69.0	13	2	1955.0	1355.0	–
11	699800.0	55.3	13	1	1679.0	–	–
12	51721.0	82.2	13	2	1605.0	1595.0	–
13	259324.0	65.6	13	1	1568.0	–	–

Type 5 Radar Waveform_2							
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	406937.0	96.0	15	3	1108.0	1860.0	1220.0
1	586988.0	87.9	15	3	1921.0	1723.0	1600.0
2	22877.0	92.5	15	3	1406.0	1663.0	1563.0
3	203675.0	86.4	15	3	1435.0	1499.0	1616.0
4	385287.0	80.4	15	2	1056.0	1910.0	–
5	567272.0	62.6	15	1	1903.0	–	–
6	610.0	86.2	15	3	1450.0	1413.0	1920.0
7	182256.0	65.2	15	1	1054.0	–	–
8	362181.0	94.3	15	3	1787.0	1725.0	1077.0
9	542986.0	95.4	15	3	1760.0	1734.0	1069.0
10	725748.0	80.4	15	2	1177.0	1357.0	–
11	159536.0	81.5	15	2	1015.0	1660.0	–
12	339924.0	92.1	15	3	1386.0	1850.0	1329.0
13	522618.0	63.8	15	1	1841.0	–	–
14	703147.0	83.1	15	2	1501.0	1321.0	–
15	137237.0	81.0	15	2	1107.0	1421.0	–

Type 5 Radar Waveform_3

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	283493.0	66.6	17	1	1398.0	–	–
1	444591.0	58.2	17	1	1773.0	–	–
2	606353.0	62.3	17	1	1219.0	–	–
3	102006.0	80.5	17	2	1646.0	1469.0	–
4	262994.0	81.0	17	2	1573.0	1402.0	–
5	424949.0	54.1	17	1	1426.0	–	–
6	585007.0	69.9	17	2	1230.0	1653.0	–
7	82382.0	66.0	17	1	1505.0	–	–
8	242787.0	99.7	17	3	1195.0	1012.0	1804.0
9	404174.0	72.6	17	2	1810.0	1096.0	–
10	566480.0	55.8	17	1	1353.0	–	–
11	62512.0	65.8	17	1	1488.0	–	–
12	223219.0	68.9	17	2	1654.0	1676.0	–
13	384419.0	71.8	17	2	1302.0	1477.0	–
14	544984.0	71.5	17	2	1548.0	1777.0	–
15	42472.0	97.2	17	3	1113.0	1019.0	1982.0
16	203087.0	94.2	17	3	1322.0	1655.0	1382.0
17	365394.0	64.1	17	1	1306.0	–	–

Type 5 Radar Waveform_4

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1186545.0	66.3	5	1	1267.0	–	–
1	51293.0	63.5	5	1	1506.0	–	–
2	414675.0	51.3	5	1	1686.0	–	–
3	778137.0	55.2	5	1	1544.0	–	–
4	1141852.0	64.2	5	1	1161.0	–	–
5	6510.0	93.6	5	3	1419.0	1898.0	1959.0
6	369180.0	83.6	5	3	1936.0	1073.0	1648.0
7	733228.0	59.3	5	1	1837.0	–	–

Type 5 Radar Waveform_5

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	624696.0	87.0	13	3	1040.0	1233.0	1401.0
1	833481.0	58.7	13	1	1835.0	–	–
2	185408.0	79.0	13	2	1007.0	1769.0	–
3	391393.0	98.3	13	3	1977.0	1471.0	1997.0
4	601008.0	62.1	13	1	1098.0	–	–
5	808063.0	54.1	13	1	1694.0	–	–
6	159777.0	76.8	13	2	1713.0	1636.0	–
7	366808.0	76.2	13	2	1446.0	2000.0	–
8	572788.0	93.0	13	3	1376.0	1891.0	1768.0
9	783008.0	60.8	13	1	1146.0	–	–
10	134056.0	93.0	13	3	1543.0	1592.0	1580.0
11	342207.0	51.7	13	1	1187.0	–	–
12	547781.0	84.7	13	3	1009.0	1729.0	1598.0
13	754201.0	91.8	13	3	1796.0	1728.0	1278.0

Type 5 Radar Waveform_6

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	101532.0	67.9	14	2	1981.0	1000.0	-
1	294819.0	76.5	14	2	1514.0	1507.0	-
2	486849.0	86.8	14	3	1552.0	1732.0	1798.0
3	682480.0	57.7	14	1	1764.0	-	-
4	77857.0	56.8	14	1	1588.0	-	-
5	270829.0	70.3	14	2	1852.0	1703.0	-
6	463860.0	96.4	14	3	1036.0	1705.0	1039.0
7	656974.0	72.5	14	2	1961.0	1813.0	-
8	53939.0	73.8	14	2	1437.0	1133.0	-
9	247025.0	83.3	14	2	1944.0	1643.0	-
10	439514.0	87.4	14	3	1463.0	1508.0	1822.0
11	634489.0	78.0	14	2	1011.0	1126.0	-
12	30038.0	97.6	14	3	1454.0	1625.0	1565.0
13	223298.0	69.5	14	2	1657.0	1699.0	-
14	416357.0	79.6	14	2	1902.0	1746.0	-

Type 5 Radar Waveform_7

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	833733.0	61.4	8	1	1576.0	-	-
1	8581.0	94.0	8	3	1339.0	1212.0	1081.0
2	272367.0	68.8	8	2	1879.0	1404.0	-
3	535025.0	96.9	8	3	1943.0	1639.0	1985.0
4	800295.0	71.6	8	2	1291.0	1502.0	-
5	1064173.0	67.2	8	2	1336.0	1482.0	-
6	240367.0	61.2	8	1	1051.0	-	-
7	503125.0	87.0	8	3	1168.0	1547.0	1721.0
8	768568.0	51.4	8	1	1688.0	-	-
9	1032754.0	60.5	8	1	1672.0	-	-
10	207634.0	51.7	8	1	1965.0	-	-

Type 5 Radar Waveform_8

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	647995.0	89.1	5	3	1540.0	1268.0	1381.0
1	1011165.0	92.7	5	3	1006.0	1392.0	1215.0
2	1375260.0	78.8	5	2	1237.0	1097.0	-
3	240919.0	60.7	5	1	1754.0	-	-
4	604266.0	54.1	5	1	1815.0	-	-
5	965914.0	92.4	5	3	1451.0	1380.0	1631.0
6	1329367.0	79.5	5	2	1671.0	1960.0	-
7	195990.0	74.5	5	2	1560.0	1489.0	-

Type 5 Radar Waveform_9

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	234534.0	95.6	19	3	1334.0	1063.0	1175.0
1	386924.0	74.8	19	2	1593.0	1851.0	–
2	539551.0	68.5	19	2	1831.0	1282.0	–
3	63660.0	56.4	19	1	1609.0	–	–
4	215393.0	86.7	19	3	1570.0	1779.0	1328.0
5	369287.0	63.3	19	1	1520.0	–	–
6	522486.0	63.0	19	1	1049.0	–	–
7	44835.0	64.5	19	1	1674.0	–	–
8	196898.0	84.9	19	3	1611.0	1023.0	1300.0
9	348402.0	95.7	19	3	1551.0	1677.0	2000.0
10	503535.0	60.8	19	1	1193.0	–	–
11	25862.0	84.1	19	3	1859.0	1730.0	1855.0
12	178756.0	56.5	19	1	1790.0	–	–
13	331432.0	57.2	19	1	1918.0	–	–
14	482962.0	96.6	19	3	1314.0	1014.0	1128.0
15	7187.0	81.6	19	2	1436.0	1345.0	–
16	159621.0	66.8	19	2	1884.0	1169.0	–
17	312021.0	74.2	19	2	1459.0	1668.0	–
18	465305.0	54.8	19	1	1957.0	–	–

Type 5 Radar Waveform_10

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	652658.0	63.0	18	1	1744.0	–	–
1	148758.0	74.6	18	2	1529.0	1295.0	–
2	310282.0	56.7	18	1	1708.0	–	–
3	469940.0	89.5	18	3	1020.0	1901.0	1065.0
4	630063.0	85.3	18	3	1472.0	1394.0	1748.0
5	128749.0	97.3	18	3	1447.0	1249.0	1041.0
6	290566.0	55.1	18	1	1366.0	–	–
7	450500.0	81.3	18	2	1556.0	1904.0	–
8	613482.0	53.6	18	1	1145.0	–	–
9	108894.0	93.7	18	3	1428.0	1420.0	1197.0
10	270556.0	63.0	18	1	1695.0	–	–
11	430691.0	79.1	18	2	1566.0	1887.0	–
12	591559.0	95.0	18	3	1261.0	1044.0	1129.0
13	89008.0	98.6	18	3	1906.0	1304.0	1504.0
14	250279.0	73.1	18	2	1453.0	1335.0	–
15	411475.0	73.9	18	2	1119.0	1371.0	–
16	573089.0	54.8	18	1	1875.0	–	–
17	69262.0	93.0	18	3	1490.0	1070.0	1874.0

Type 5 Radar Waveform_11

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	217405.0	87.6	19	3	1591.0	1702.0	1975.0
1	370140.0	82.1	19	2	1869.0	1984.0	–
2	522022.0	83.6	19	3	1511.0	1775.0	1001.0
3	47111.0	58.6	19	1	1027.0	–	–
4	199833.0	52.6	19	1	1681.0	–	–
5	351456.0	76.3	19	2	1945.0	1784.0	–
6	503686.0	91.4	19	3	1095.0	1396.0	1292.0
7	28113.0	90.6	19	3	1629.0	1200.0	1785.0
8	180468.0	76.4	19	2	1776.0	1808.0	–
9	332554.0	95.2	19	3	1183.0	1807.0	1013.0
10	485404.0	81.8	19	2	1716.0	1455.0	–
11	9390.0	96.1	19	3	1002.0	1602.0	1519.0
12	161229.0	97.3	19	3	1890.0	1724.0	1826.0
13	313438.0	94.0	19	3	1318.0	1586.0	1836.0
14	466969.0	80.0	19	2	1118.0	1597.0	–
15	616989.0	87.6	19	3	1800.0	1834.0	1618.0
16	143402.0	66.4	19	1	1582.0	–	–
17	294808.0	99.9	19	3	1892.0	1121.0	1521.0
18	447661.0	88.9	19	3	1264.0	1052.0	1131.0

Type 5 Radar Waveform_12

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1269200.0	85.3	6	3	1814.0	1530.0	1287.0
1	263100.0	83.2	6	2	1226.0	1628.0	-
2	586382.0	59.1	6	1	1495.0	-	-
3	908738.0	81.6	6	2	1130.0	1327.0	-
4	1231206.0	82.0	6	2	1388.0	1405.0	-
5	223615.0	59.3	6	1	1296.0	-	-
6	545957.0	70.8	6	2	1432.0	1614.0	-
7	868966.0	71.8	6	2	1385.0	1092.0	-
8	1192894.0	66.6	6	1	1189.0	-	-

Type 5 Radar Waveform_13

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	127187.0	65.8	11	1	1433.0	-	-
1	349250.0	85.6	11	3	1967.0	1931.0	1383.0
2	572588.0	83.5	11	3	1255.0	1759.0	1074.0
3	795353.0	83.4	11	3	1263.0	1221.0	1741.0
4	99259.0	91.8	11	3	1178.0	1930.0	1971.0
5	322086.0	88.6	11	3	1030.0	1856.0	1669.0
6	545648.0	79.2	11	2	1627.0	1594.0	-
7	767319.0	92.1	11	3	1531.0	1894.0	1498.0
8	71955.0	71.2	11	2	1667.0	1877.0	-
9	295709.0	54.3	11	1	1240.0	-	-
10	518311.0	72.0	11	2	1545.0	1422.0	-
11	741504.0	80.5	11	2	1393.0	1528.0	-
12	44458.0	98.2	11	3	1685.0	1101.0	1290.0

Type 5 Radar Waveform_14

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	248186.0	94.8	12	3	1152.0	1227.0	1623.0
1	455816.0	70.9	12	2	1003.0	1656.0	-
2	664240.0	60.0	12	1	1132.0	-	-
3	15766.0	99.5	12	3	1717.0	1494.0	1847.0
4	223440.0	57.5	12	1	1164.0	-	-
5	428788.0	96.5	12	3	1927.0	1866.0	1846.0
6	637211.0	69.1	12	2	1273.0	1811.0	-
7	842670.0	99.2	12	3	1323.0	1792.0	1665.0
8	197872.0	57.4	12	1	1144.0	-	-
9	404475.0	82.1	12	2	1285.0	1979.0	-
10	612255.0	73.3	12	2	1276.0	1028.0	-
11	817434.0	85.0	12	3	1440.0	1778.0	1325.0
12	171976.0	69.5	12	2	1690.0	1064.0	-
13	379667.0	59.8	12	1	1683.0	-	-

Type 5 Radar Waveform_15

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	512692.0	78.4	14	2	1176.0	1839.0	-
1	695114.0	50.5	14	1	1664.0	-	-
2	128384.0	51.5	14	1	1017.0	-	-
3	308506.0	99.3	14	3	1745.0	1362.0	1606.0
4	490435.0	81.8	14	2	1061.0	1864.0	-
5	673313.0	54.4	14	1	1047.0	-	-
6	105760.0	74.7	14	2	1608.0	1167.0	-
7	287260.0	74.7	14	2	1008.0	1053.0	-
8	466903.0	90.9	14	3	1987.0	1389.0	1487.0
9	650308.0	61.6	14	1	1772.0	-	-
10	83186.0	98.5	14	3	1319.0	1950.0	1751.0
11	265170.0	54.3	14	1	1341.0	-	-
12	446587.0	58.6	14	1	1603.0	-	-
13	628346.0	64.7	14	1	1307.0	-	-
14	60996.0	87.9	14	3	1234.0	1983.0	1004.0
15	242758.0	66.3	14	1	1486.0	-	-

Type 5 Radar Waveform_16

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	754983.0	62.0	6	1	1443.0	-	-
1	1076832.0	77.8	6	2	1652.0	1245.0	-
2	69156.0	58.4	6	1	1205.0	-	-
3	391114.0	87.1	6	3	1137.0	1935.0	1951.0
4	713224.0	88.5	6	3	1691.0	1427.0	1994.0
5	1036529.0	88.3	6	3	1348.0	1259.0	1005.0
6	29320.0	71.6	6	2	1714.0	1254.0	-
7	351911.0	82.6	6	2	1222.0	1989.0	-
8	675588.0	51.7	6	1	1082.0	-	-

Type 5 Radar Waveform_17

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	897341.0	74.4	7	2	1780.0	1182.0	-
1	1188872.0	52.7	7	1	1740.0	-	-
2	281078.0	67.4	7	2	1209.0	1165.0	-
3	571891.0	58.4	7	1	1640.0	-	-
4	862903.0	53.4	7	1	1123.0	-	-
5	1152910.0	60.2	7	1	1911.0	-	-
6	244991.0	98.4	7	3	1390.0	1407.0	1087.0
7	535402.0	72.2	7	2	1641.0	1539.0	-
8	825912.0	78.8	7	2	1192.0	1635.0	-
9	1117820.0	50.8	7	1	1159.0	-	-

Type 5 Radar Waveform_18

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	139044.0	91.6	14	3	1941.0	1970.0	1316.0
1	332711.0	69.6	14	2	1448.0	1599.0	–
2	527160.0	55.1	14	1	1286.0	–	–
3	718262.0	90.2	14	3	1105.0	1996.0	1078.0
4	115566.0	76.0	14	2	1642.0	1752.0	–
5	309227.0	73.4	14	2	1093.0	1117.0	–
6	502309.0	70.0	14	2	1577.0	1280.0	–
7	696119.0	80.0	14	2	1068.0	1241.0	–
8	91731.0	98.4	14	3	1492.0	1042.0	1181.0
9	285596.0	51.0	14	1	1645.0	–	–
10	479210.0	53.2	14	1	1666.0	–	–
11	671223.0	87.8	14	3	1262.0	1252.0	1059.0
12	68130.0	54.3	14	1	1518.0	–	–
13	261823.0	61.3	14	1	1410.0	–	–
14	453781.0	91.1	14	3	1460.0	1416.0	1558.0

Type 5 Radar Waveform_19

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1081424.0	70.1	6	2	1429.0	1607.0	–
1	73666.0	95.5	6	3	1848.0	1710.0	1274.0
2	396420.0	76.6	6	2	1038.0	1946.0	–
3	719192.0	82.4	6	2	1444.0	1317.0	–
4	1041535.0	71.3	6	2	1284.0	1940.0	–
5	33985.0	90.1	6	3	1449.0	1151.0	1948.0
6	356605.0	78.9	6	2	1791.0	1462.0	–
7	679596.0	69.0	6	2	1147.0	1312.0	–
8	1001044.0	97.6	6	3	1236.0	1659.0	1332.0

Type 5 Radar Waveform_20

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	994211.0	57.4	10	1	1497.0	–	–
1	237830.0	51.6	10	1	1693.0	–	–
2	479844.0	57.3	10	1	1914.0	–	–
3	722431.0	66.3	10	1	1196.0	–	–
4	961240.0	87.5	10	3	1057.0	1706.0	1988.0
5	208097.0	51.4	10	1	1257.0	–	–
6	450131.0	50.0	10	1	1684.0	–	–
7	691495.0	82.1	10	2	1680.0	1099.0	–
8	932915.0	79.9	10	2	1832.0	1414.0	–
9	178288.0	63.9	10	1	1104.0	–	–
10	419334.0	96.4	10	3	1347.0	1155.0	1493.0
11	660735.0	96.7	10	3	1812.0	1122.0	1305.0

Type 5 Radar Waveform_21

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1086336.0	56.9	8	1	1058.0	-	-
1	177682.0	87.7	8	3	1364.0	1363.0	1650.0
2	467945.0	82.4	8	2	1747.0	1896.0	-
3	759204.0	63.7	8	1	1899.0	-	-
4	1048305.0	68.5	8	2	1886.0	1698.0	-
5	142298.0	58.2	8	1	1559.0	-	-
6	432283.0	73.2	8	2	1995.0	1431.0	-
7	722606.0	81.6	8	2	1356.0	1878.0	-
8	1012350.0	98.6	8	3	1021.0	1397.0	1417.0
9	106154.0	86.7	8	3	1727.0	1870.0	1801.0

Type 5 Radar Waveform_22

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	440069.0	98.5	7	3	1854.0	1968.0	1575.0
1	764578.0	56.1	7	1	1141.0	-	-
2	1085604.0	67.3	7	2	1857.0	1823.0	-
3	78490.0	83.3	7	2	1079.0	1622.0	-
4	401461.0	64.7	7	1	1871.0	-	-
5	723510.0	71.8	7	2	1743.0	1731.0	-
6	1045320.0	89.8	7	3	1281.0	1753.0	1360.0
7	38761.0	57.4	7	1	1932.0	-	-
8	361783.0	60.7	7	1	1509.0	-	-

Type 5 Radar Waveform_23

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	616117.0	62.6	8	1	1739.0	-	-
1	907066.0	50.6	8	1	1299.0	-	-
2	1197978.0	57.5	8	1	1109.0	-	-
3	289545.0	82.8	8	2	1343.0	1050.0	-
4	579828.0	74.3	8	2	1481.0	1272.0	-
5	871417.0	66.1	8	1	1076.0	-	-
6	1161696.0	53.6	8	1	1590.0	-	-
7	253183.0	92.6	8	3	1919.0	1718.0	1517.0
8	543151.0	96.9	8	3	1692.0	1523.0	1541.0
9	834981.0	51.0	8	1	1966.0	-	-

Type 5 Radar Waveform_24

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	936632.0	71.1	11	2	1956.0	1086.0	-
1	181749.0	57.9	11	1	1500.0	-	-
2	422938.0	90.4	11	3	1170.0	1324.0	1310.0
3	666200.0	64.9	11	1	1326.0	-	-
4	905006.0	94.4	11	3	1913.0	1670.0	1485.0
5	151906.0	63.1	11	1	1587.0	-	-
6	394182.0	57.7	11	1	1258.0	-	-
7	634221.0	94.3	11	3	1867.0	1239.0	1584.0
8	876475.0	68.7	11	2	1755.0	1958.0	-
9	122124.0	52.8	11	1	1218.0	-	-
10	363465.0	81.9	11	2	1803.0	1868.0	-
11	606446.0	55.7	11	1	1464.0	-	-

Type 5 Radar Waveform_25

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	1129088.0	87.5	6	3	1067.0	1978.0	1742.0
1	122789.0	99.0	6	3	1106.0	1557.0	1762.0
2	445438.0	70.7	6	2	1619.0	1771.0	-
3	769208.0	53.2	6	1	1283.0	-	-
4	1092112.0	51.1	6	1	1478.0	-	-
5	83105.0	99.0	6	3	1457.0	1337.0	1373.0
6	406145.0	54.1	6	1	1953.0	-	-
7	727423.0	86.7	6	3	1969.0	1088.0	1861.0
8	1051667.0	78.3	6	2	1136.0	1173.0	-

Type 5 Radar Waveform_26

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	24335.0	92.3	15	3	1135.0	1620.0	1924.0
1	205428.0	72.4	15	2	1990.0	1491.0	-
2	387661.0	53.2	15	1	1204.0	-	-
3	566524.0	83.7	15	3	1993.0	1055.0	1765.0
4	2071.0	96.1	15	3	1206.0	1162.0	1535.0
5	183138.0	99.4	15	3	1256.0	1150.0	1029.0
6	364913.0	54.9	15	1	1980.0	-	-
7	546893.0	58.0	15	1	1211.0	-	-
8	725779.0	97.6	15	3	1046.0	1880.0	1080.0
9	161169.0	64.8	15	1	1881.0	-	-
10	342842.0	65.6	15	1	1379.0	-	-
11	523618.0	76.4	15	2	1409.0	1094.0	-
12	704419.0	80.6	15	2	1782.0	1242.0	-
13	138477.0	77.4	15	2	1964.0	1763.0	-
14	319561.0	78.8	15	2	1701.0	1818.0	-
15	501917.0	58.0	15	1	1564.0	-	-

Type 5 Radar Waveform_27

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	908887.0	91.2	9	3	1403.0	1715.0	1553.0
1	155094.0	73.0	9	2	1795.0	1992.0	–
2	396751.0	70.2	9	2	1885.0	1793.0	–
3	639713.0	57.0	9	1	1613.0	–	–
4	880310.0	77.6	9	2	1408.0	1952.0	–
5	125481.0	71.1	9	2	1344.0	1265.0	–
6	367692.0	54.6	9	1	1761.0	–	–
7	609508.0	78.9	9	2	1032.0	1201.0	–
8	852514.0	56.9	9	1	1043.0	–	–
9	95773.0	63.2	9	1	1687.0	–	–
10	338022.0	58.6	9	1	1313.0	–	–
11	580100.0	62.0	9	1	1546.0	–	–

Type 5 Radar Waveform_28

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	517779.0	71.1	19	2	1474.0	1374.0	–
1	41622.0	64.9	19	1	1532.0	–	–
2	194578.0	54.7	19	1	1045.0	–	–
3	345901.0	88.5	19	3	1191.0	1589.0	1171.0
4	500185.0	60.1	19	1	1350.0	–	–
5	22744.0	72.7	19	2	1838.0	1224.0	–
6	175088.0	78.8	19	2	1468.0	1923.0	–
7	326881.0	85.5	19	3	1922.0	1513.0	1033.0
8	479593.0	87.2	19	3	1090.0	1208.0	1361.0
9	3970.0	81.3	19	2	1456.0	1248.0	–
10	156078.0	98.4	19	3	1632.0	1423.0	1311.0
11	309509.0	63.7	19	1	1697.0	–	–
12	462223.0	52.8	19	1	1767.0	–	–
13	612365.0	86.2	19	3	1438.0	1820.0	1179.0
14	137608.0	71.2	19	2	1830.0	1315.0	–
15	289591.0	88.1	19	3	1865.0	1198.0	1018.0
16	443645.0	66.2	19	1	1430.0	–	–
17	595142.0	79.3	19	2	1114.0	1726.0	–
18	119089.0	56.9	19	1	1794.0	–	–

Type 5 Radar Waveform_29

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	303423.0	71.5	17	2	1188.0	1720.0	–
1	472752.0	92.0	17	3	1309.0	1538.0	1788.0
2	642721.0	95.2	17	3	1912.0	1253.0	1585.0
3	112181.0	60.0	17	1	1320.0	–	–
4	282506.0	76.0	17	2	1116.0	1583.0	–
5	451986.0	84.0	17	3	1467.0	1581.0	1303.0
6	623516.0	79.7	17	2	1562.0	1225.0	–
7	91048.0	50.7	17	1	1974.0	–	–
8	261284.0	71.2	17	2	1412.0	1863.0	–
9	432065.0	67.8	17	2	1461.0	1202.0	–
10	603016.0	74.4	17	2	1174.0	1024.0	–
11	69913.0	76.8	17	2	1849.0	1199.0	–
12	240252.0	82.9	17	2	1515.0	1883.0	–
13	409926.0	90.8	17	3	1238.0	1626.0	1733.0
14	580545.0	92.9	17	3	1308.0	1277.0	1365.0
15	48793.0	87.0	17	3	1510.0	1567.0	1735.0
16	219474.0	82.7	17	2	1354.0	1378.0	–

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	5655	5430	5357	5654	5573
5	5705	5645	5344	5269	5311
10	5397	5620	5508	5648	5433
15	5396	5587	5364	5254	5272
20	5470	5467	5597	5538	5578
25	5281	5265	5706	5520	5572
30	5550	5540	5385	5585	5451
35	5298	5594	5291	5675	5474
40	5333	5309	5686	5350	5452
45	5436	5647	5356	5537	5582
50	5533	5435	5688	5485	5366
55	5342	5296	5630	5460	5571
60	5464	5330	5410	5707	5445
65	5340	5420	5401	5490	5384
70	5258	5438	5492	5554	5651
75	5414	5285	5359	5683	5577
80	5400	5478	5251	5569	5695
85	5463	5691	5367	5310	5389
90	5454	5549	5266	5387	5687
95	5293	5274	5574	5653	5575

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5435	5669	5293	5340	5415
5	5272	5570	5419	5432	5518
10	5706	5409	5646	5368	5454
15	5484	5714	5467	5299	5561
20	5581	5636	5505	5686	5511
25	5466	5608	5468	5335	5554
30	5614	5439	5497	5600	5262
35	5271	5685	5562	5353	5388
40	5647	5392	5451	5444	5362
45	5519	5705	5424	5317	5283
50	5584	5524	5429	5674	5389
55	5449	5431	5700	5629	5637
60	5296	5356	5530	5394	5376
65	5630	5671	5423	5659	5494
70	5387	5485	5414	5523	5355
75	5395	5537	5372	5464	5266
80	5463	5258	5381	5613	5689
85	5286	5563	5514	5532	5316
90	5326	5336	5658	5380	5585
95	5377	5374	5390	5688	5500

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5690	5433	5704	5404	5635
5	5314	5592	5494	5595	5250
10	5637	5673	5687	5563	5475
15	5366	5570	5722	5278	5492
20	5705	5446	5678	5484	5354
25	5557	5671	5439	5588	5656
30	5425	5454	5340	5511	5469
35	5479	5301	5358	5603	5302
40	5583	5306	5691	5441	5669
45	5412	5602	5288	5462	5689
50	5668	5459	5710	5334	5276
55	5267	5628	5579	5268	5402
60	5319	5559	5566	5597	5256
65	5343	5466	5701	5577	5487
70	5390	5410	5498	5376	5482
75	5720	5430	5623	5453	5381
80	5552	5274	5528	5468	5712
85	5382	5697	5419	5360	5596
90	5670	5397	5574	5452	5580
95	5251	5480	5572	5667	5565

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5373	5672	5640	5565	5477
5	5453	5517	5569	5283	5554
10	5568	5462	5253	5661	5496
15	5563	5493	5673	5292	5470
20	5500	5396	5387	5457	5620
25	5409	5399	5543	5622	5320
30	5314	5411	5458	5663	5289
35	5618	5392	5251	5281	5313
40	5422	5655	5359	5438	5598
45	5295	5685	5724	5515	5576
50	5544	5635	5686	5324	5535
55	5695	5455	5582	5294	5465
60	5276	5483	5484	5504	5398
65	5520	5345	5351	5358	5425
70	5490	5658	5366	5369	5364
75	5439	5357	5469	5592	5501
80	5594	5479	5270	5284	5394
85	5712	5573	5388	5677	5297
90	5478	5304	5414	5629	5436
95	5608	5583	5287	5339	5560

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5628	5436	5576	5251	5697
5	5495	5539	5644	5446	5286
10	5402	5294	5381	5517	5651
15	5620	5301	5337	5662	5508
20	5465	5425	5284	5430	5261
25	5505	5269	5656	5362	5678
30	5368	5673	5437	5487	5660
35	5483	5522	5434	5702	5263
40	5560	5599	5435	5527	5275
45	5293	5307	5471	5366	5323
50	5336	5262	5413	5358	5542
55	5546	5536	5484	5722	5515
60	5649	5449	5705	5346	5291
65	5280	5716	5387	5504	5685
70	5497	5549	5590	5507	5342
75	5328	5333	5559	5687	5721
80	5605	5282	5661	5274	5476
85	5711	5297	5668	5264	5473
90	5636	5400	5552	5431	5331
95	5684	5376	5587	5686	5382

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5408	5675	5512	5412	5539
5	5537	5561	5719	5493	5333
10	5612	5335	5576	5538	5264
15	5650	5307	5382	5379	5419
20	5631	5366	5373	5403	5299
25	5685	5708	5593	5404	5664
30	5325	5413	5589	5324	5671
35	5318	5587	5616	5575	5346
40	5498	5364	5432	5359	5255
45	5376	5365	5524	5253	5674
50	5313	5502	5656	5486	5259
55	5490	5578	5693	5644	5339
60	5491	5269	5712	5481	5665
65	5326	5714	5520	5488	5666
70	5535	5356	5696	5680	5679
75	5258	5416	5715	5350	5337
80	5473	5660	5662	5260	5385
85	5704	5427	5409	5695	5717
90	5437	5268	5620	5425	5448
95	5501	5274	5469	5314	5477

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5663	5439	5448	5573	5284
5	5676	5486	5319	5675	5700
10	5642	5401	5376	5296	5559
15	5255	5302	5410	5330	5571
20	5427	5322	5307	5365	5662
25	5537	5436	5477	5627	5446
30	5553	5282	5628	5363	5602
35	5463	5287	5686	5362	5511
40	5526	5604	5429	5288	5710
45	5459	5326	5577	5518	5550
50	5688	5364	5479	5333	5447
55	5444	5389	5397	5664	5298
60	5504	5466	5570	5280	5304
65	5614	5546	5315	5291	5263
70	5618	5693	5583	5672	5624
75	5649	5702	5275	5350	5514
80	5497	5373	5380	5565	5492
85	5320	5572	5478	5657	5418
90	5310	5443	5502	5534	5562
95	5485	5647	5608	5475	5500

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5346	5678	5384	5259	5601
5	5718	5508	5394	5363	5529
10	5573	5665	5417	5491	5580
15	5343	5429	5513	5375	5288
20	5435	5391	5345	5454	5349
25	5453	5486	5639	5581	5661
30	5585	5442	5714	5271	5515
35	5325	5602	5378	5482	5541
40	5350	5609	5374	5272	5523
45	5595	5690	5542	5630	5405
50	5426	5389	5415	5302	5680
55	5277	5635	5398	5579	5594
60	5538	5427	5291	5381	5298
65	5396	5701	5505	5563	5569
70	5432	5604	5696	5648	5583
75	5521	5347	5544	5527	5575
80	5560	5370	5672	5468	5334
85	5283	5537	5430	5616	5475
90	5546	5287	5643	5566	5545
95	5330	5423	5331	5570	5712

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5601	5539	5320	5420	5346
5	5285	5433	5469	5526	5261
10	5504	5454	5458	5589	5431
15	5556	5616	5480	5443	5557
20	5286	5446	5322	5341	5338
25	5367	5685	5695	5627	5428
30	5671	5486	5289	5620	5644
35	5278	5668	5455	5664	5692
40	5312	5512	5520	5524	5670
45	5625	5442	5683	5680	5565
50	5466	5391	5503	5599	5348
55	5352	5672	5413	5509	5456
60	5423	5605	5319	5647	5328
65	5337	5588	5477	5372	5590
70	5321	5281	5624	5542	5490
75	5467	5359	5682	5473	5356
80	5270	5623	5392	5468	5273
85	5721	5389	5405	5483	5678
90	5436	5640	5552	5655	5596
95	5429	5550	5540	5309	5529

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5381	5303	5256	5484	5663
5	5327	5455	5544	5592	5468
10	5338	5718	5596	5309	5622
15	5519	5683	5719	5368	5294
20	5354	5626	5702	5535	5295
25	5704	5665	5473	5411	5254
30	5669	5317	5628	5701	5441
35	5343	5308	5560	5549	5443
40	5466	5503	5300	5250	5277
45	5517	5453	5553	5708	5500
50	5261	5557	5556	5266	5480
55	5326	5543	5536	5306	5387
60	5707	5685	5621	5437	5620
65	5593	5529	5461	5373	5420
70	5272	5650	5576	5324	5605
75	5600	5501	5362	5587	5258
80	5340	5459	5486	5612	5434
85	5364	5371	5590	5370	5451
90	5634	5330	5558	5307	5429
95	5289	5613	5534	5438	5666

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5636	5542	5667	5645	5408
5	5466	5380	5619	5280	5297
10	5269	5604	5637	5504	5643
15	5510	5713	5250	5413	5486
20	5362	5317	5527	5268	5495
25	5614	5676	5515	5288	5333
30	5681	5585	5441	5690	5638
35	5447	5651	5442	5596	5342
40	5480	5663	5420	5514	5285
45	5533	5316	5461	5692	5347
50	5432	5568	5569	5624	5390
55	5724	5260	5577	5429	5451
60	5717	5311	5313	5446	5352
65	5410	5312	5630	5639	5356
70	5270	5659	5327	5357	5576
75	5460	5331	5707	5304	5321
80	5711	5490	5598	5371	5361
85	5307	5274	5529	5488	5699
90	5454	5564	5719	5398	5252
95	5539	5615	5336	5257	5547

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5416	5306	5603	5331	5250
5	5508	5402	5694	5443	5504
10	5675	5393	5678	5699	5664
15	5598	5365	5353	5458	5370
20	5386	5681	5616	5716	5383
25	5466	5404	5619	5322	5375
30	5667	5542	5559	5367	5361
35	5489	5364	5713	5274	5294
40	5278	5563	5660	5511	5689
45	5513	5399	5519	5270	5709
50	5308	5618	5280	5350	5334
55	5340	5292	5723	5325	5371
60	5476	5258	5673	5369	5582
65	5553	5359	5348	5462	5434
70	5634	5342	5645	5427	5455
75	5419	5300	5255	5447	5302
80	5488	5706	5271	5287	5261
85	5502	5329	5442	5652	5668
90	5410	5269	5594	5599	5527
95	5360	5378	5610	5520	5339

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5574	5545	5539	5492	5470
5	5550	5327	5294	5606	5711
10	5509	5657	5719	5419	5685
15	5686	5456	5503	5395	5281
20	5552	5622	5608	5689	5649
25	5415	5607	5723	5356	5417
30	5556	5499	5299	5616	5656
35	5628	5455	5524	5305	5592
40	5646	5442	5425	5605	5521
45	5493	5482	5577	5323	5562
50	5319	5670	5369	5648	5528
55	5643	5542	5296	5500	5641
60	5300	5505	5376	5308	5384
65	5672	5704	5437	5511	5631
70	5430	5530	5431	5378	5647
75	5375	5283	5265	5527	5354
80	5497	5258	5652	5688	5292
85	5488	5546	5623	5472	5350
90	5673	5690	5453	5519	5286
95	5583	5506	5463	5468	5473

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5354	5309	5475	5653	5312
5	5592	5349	5369	5672	5540
10	5440	5446	5285	5517	5706
15	5299	5619	5559	5451	5587
20	5289	5621	5563	5697	5662
25	5537	5267	5335	5449	5390
30	5556	5542	5456	5514	5293
35	5476	5292	5546	5402	5677
40	5694	5431	5254	5380	5665
45	5602	5450	5473	5565	5538
50	5376	5386	5438	5495	5721
55	5458	5471	5600	5716	5500
60	5361	5629	5331	5720	5337
65	5593	5571	5577	5257	5323
70	5504	5596	5715	5583	5617
75	5530	5379	5407	5616	5636
80	5308	5518	5657	5255	5555
85	5627	5352	5680	5511	5447
90	5396	5670	5515	5679	5724
95	5531	5303	5704	5664	5505

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5609	5548	5411	5339	5532
5	5256	5274	5444	5360	5272
10	5371	5710	5326	5712	5252
15	5290	5271	5662	5496	5304
20	5297	5312	5601	5689	5635
25	5328	5594	5441	5553	5424
30	5598	5431	5413	5254	5542
35	5674	5637	5673	5355	5608
40	5270	5434	5318	5333	5599
45	5379	5453	5648	5596	5429
50	5651	5314	5671	5547	5294
55	5447	5454	5387	5558	5713
60	5283	5665	5644	5419	5517
65	5303	5681	5359	5714	5391
70	5518	5277	5700	5533	5703
75	5383	5296	5488	5615	5682
80	5342	5672	5464	5564	5720
85	5709	5555	5469	5315	5300
90	5498	5490	5680	5685	5661
95	5595	5640	5320	5403	5367

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5389	5312	5347	5500	5374
5	5298	5296	5519	5523	5479
10	5680	5596	5367	5432	5273
15	5378	5301	5668	5541	5496
20	5683	5478	5542	5303	5608
25	5691	5543	5644	5657	5458
30	5640	5320	5370	5372	5694
35	5494	5473	5253	5469	5605
40	5619	5681	5517	5256	5573
45	5686	5433	5654	5482	5538
50	5568	5275	5348	5258	5495
55	5391	5617	5408	5480	5377
60	5587	5315	5661	5610	5476
65	5720	5463	5601	5630	5546
70	5283	5699	5349	5633	5455
75	5359	5255	5457	5260	5350
80	5323	5449	5477	5345	5371
85	5308	5724	5429	5311	5375
90	5492	5344	5452	5417	5688
95	5695	5274	5434	5717	5632

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5547	5551	5283	5661	5594
5	5340	5696	5686	5308	5611
10	5385	5408	5627	5294	5466
15	5428	5296	5586	5688	5691
20	5483	5295	5581	5482	5395
25	5372	5286	5492	5304	5306
30	5327	5587	5468	5692	5612
35	5441	5265	5533	5520	5600
40	5669	5338	5593	5615	5316
45	5339	5535	5328	5444	5451
50	5399	5347	5318	5713	5330
55	5362	5670	5671	5558	5351
60	5652	5405	5643	5409	5579
65	5334	5281	5553	5502	5518
70	5672	5636	5335	5689	5329
75	5493	5701	5601	5438	5721
80	5624	5361	5250	5684	5687
85	5503	5665	5508	5319	5632
90	5262	5297	5703	5400	5504
95	5342	5495	5591	5638	5412

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5327	5315	5694	5250	5436
5	5382	5718	5669	5277	5515
10	5445	5649	5546	5347	5554
15	5555	5399	5534	5502	5699
20	5713	5521	5384	5370	5344
25	5575	5487	5526	5346	5670
30	5284	5620	5512	5276	5532
35	5633	5447	5359	5305	5607
40	5578	5687	5296	5422	5673
45	5491	5690	5320	5627	5450
50	5616	5657	5421	5316	5385
55	5393	5529	5573	5516	5597
60	5712	5469	5452	5625	5528
65	5588	5348	5590	5280	5639
70	5628	5689	5648	5298	5403
75	5539	5285	5478	5697	5602
80	5531	5621	5441	5361	5567
85	5398	5304	5652	5457	5438
90	5706	5700	5325	5666	5619
95	5395	5468	5352	5682	5503

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5582	5554	5630	5411	5656
5	5521	5643	5269	5440	5722
10	5376	5438	5587	5445	5336
15	5545	5682	5502	5579	5694
20	5610	5307	5462	5527	5258
25	5671	5303	5591	5560	5388
30	5559	5716	5542	5394	5710
35	5415	5623	5429	5686	5361
40	5673	5721	5684	5276	5505
45	5256	5544	5480	5328	5501
50	5525	5439	5504	5609	5270
55	5575	5687	5500	5702	5681
60	5295	5398	5351	5477	5309
65	5323	5715	5583	5284	5266
70	5264	5665	5607	5267	5523
75	5255	5638	5291	5594	5618
80	5636	5506	5496	5520	5589
85	5526	5390	5331	5700	5485
90	5407	5567	5564	5606	5425
95	5374	5655	5511	5543	5676

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5362	5318	5566	5572	5498
5	5563	5665	5344	5603	5551
10	5307	5702	5628	5640	5357
15	5633	5334	5605	5624	5411
20	5618	5473	5403	5465	5500
25	5524	5523	5409	5695	5594
30	5527	5545	5576	5660	5546
35	5530	5457	5714	5700	5364
40	5372	5512	5471	5386	5486
45	5681	5305	5256	5588	5692
50	5597	5367	5450	5504	5552
55	5711	5448	5322	5699	5290
60	5506	5374	5356	5371	5487
65	5376	5693	5649	5426	5345
70	5630	5510	5252	5267	5704
75	5641	5614	5643	5253	5722
80	5410	5419	5455	5657	5615
85	5642	5348	5421	5591	5485
90	5462	5724	5555	5337	5637
95	5286	5516	5599	5287	5543

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5617	5557	5502	5258	5718
5	5605	5590	5419	5291	5283
10	5616	5491	5669	5360	5378
15	5721	5364	5611	5572	5603
20	5626	5542	5441	5457	5570
25	5412	5472	5612	5324	5628
30	5569	5434	5533	5400	5320
35	5350	5596	5330	5593	5517
40	5286	5448	5554	5251	5678
45	5711	5671	5275	5650	5632
50	5326	5680	5325	5463	5295
55	5510	5653	5480	5345	5485
60	5536	5529	5683	5519	5387
65	5375	5381	5365	5402	5567
70	5428	5713	5367	5553	5525
75	5583	5666	5396	5703	5662
80	5358	5675	5522	5342	5551
85	5642	5665	5384	5308	5353
90	5416	5610	5447	5720	5440
95	5643	5625	5271	5363	5425

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5300	5321	5438	5419	5560
5	5647	5612	5494	5357	5490
10	5547	5377	5710	5555	5399
15	5334	5491	5714	5617	5320
20	5537	5708	5382	5546	5543
25	5678	5324	5340	5525	5662
30	5611	5323	5615	5472	5548
35	5260	5421	5389	5292	5675
40	5287	5259	5262	5394	5541
45	5691	5279	5333	5703	5519
50	5677	5381	5654	5414	5286
55	5698	5607	5670	5522	5316
60	5517	5701	5474	5442	5576
65	5672	5370	5597	5402	5593
70	5484	5455	5311	5684	5439
75	5468	5456	5686	5405	5609
80	5368	5545	5604	5347	5500
85	5318	5467	5383	5267	5410
90	5446	5608	5428	5633	5572
95	5255	5358	5404	5440	5641

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5555	5560	5374	5580	5305
5	5311	5537	5569	5520	5697
10	5478	5641	5276	5275	5420
15	5325	5618	5342	5662	5512
20	5545	5302	5323	5538	5516
25	5566	5273	5543	5629	5696
30	5653	5309	5447	5355	5721
35	5368	5609	5660	5445	5686
40	5601	5675	5634	5294	5373
45	5574	5362	5281	5553	5557
50	5705	5503	5584	5561	5411
55	5385	5341	5287	5646	5391
60	5419	5444	5268	5279	5399
65	5370	5356	5407	5467	5648
70	5669	5307	5470	5251	5472
75	5443	5424	5431	5585	5691
80	5578	5712	5375	5468	5509
85	5563	5448	5446	5595	5661
90	5421	5631	5465	5575	5452
95	5642	5310	5271	5650	5627

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5335	5324	5310	5266	5622
5	5353	5559	5644	5683	5526
10	5312	5430	5317	5373	5441
15	5413	5270	5445	5707	5704
20	5553	5468	5264	5627	5489
25	5357	5600	5271	5258	5255
30	5673	5404	5473	5398	5566
35	5700	5598	5440	5425	5613
40	5399	5291	5302	5554	5352
45	5712	5671	5332	5281	5592
50	5407	5505	5599	5515	5478
55	5635	5636	5300	5556	5461
60	5276	5569	5319	5295	5714
65	5359	5451	5363	5293	5575
70	5448	5402	5296	5551	5253
75	5268	5591	5493	5539	5628
80	5506	5283	5288	5370	5626
85	5472	5285	5265	5458	5579
90	5667	5380	5682	5320	5629
95	5646	5659	5277	5401	5529

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5590	5660	5721	5330	5367
5	5395	5484	5719	5371	5258
10	5718	5694	5358	5568	5462
15	5501	5397	5548	5655	5421
20	5464	5537	5302	5619	5720
25	5549	5377	5362	5667	5359
30	5659	5361	5688	5647	5386
35	5580	5316	5349	5373	5514
40	5376	5605	5551	5639	5288
45	5706	5534	5528	5410	5290
50	5461	5683	5434	5332	5303
55	5608	5352	5690	5469	5668
60	5357	5607	5429	5406	5583
65	5492	5268	5423	5331	5449
70	5629	5254	5435	5279	5573
75	5327	5424	5265	5671	5299
80	5724	5701	5274	5606	5691
85	5503	5478	5351	5702	5430
90	5504	5494	5426	5652	5483
95	5613	5452	5489	5306	5262

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5273	5424	5657	5491	5684
5	5437	5506	5319	5534	5465
10	5552	5483	5496	5288	5589
15	5427	5554	5700	5710	5472
20	5703	5718	5708	5435	5608
25	5401	5580	5563	5701	5548
30	5318	5428	5324	5584	5719
35	5407	5620	5526	5525	5690
40	5688	5489	5307	5285	5538
45	5514	5611	5371	5343	5348
50	5559	5610	5383	5392	5431
55	5296	5403	5326	5651	5578
60	5558	5411	5351	5512	5689
65	5624	5692	5367	5281	5521
70	5604	5362	5576	5400	5320
75	5612	5694	5442	5705	5336
80	5530	5295	5279	5500	5673
85	5544	5393	5599	5477	5425
90	5303	5595	5567	5550	5334
95	5501	5323	5317	5385	5601

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5528	5663	5593	5652	5429
5	5576	5431	5394	5600	5294
10	5483	5369	5537	5504	5677
15	5554	5657	5270	5427	5480
20	5659	5700	5408	5399	5253
25	5308	5667	5260	5540	5437
30	5275	5643	5573	5404	5286
35	5498	5416	5679	5439	5529
40	5296	5330	5547	5282	5467
45	5494	5694	5396	5613	5435
50	5311	5434	5481	5254	5618
55	5591	5280	5470	5549	5590
60	5344	5619	5635	5447	5641
65	5306	5491	5316	5713	5676
70	5348	5579	5500	5376	5279
75	5581	5339	5488	5686	5349
80	5459	5342	5497	5490	5386
85	5453	5327	5501	5285	5584
90	5594	5610	5340	5372	5323
95	5580	5400	5465	5562	5717

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5308	5427	5529	5338	5271
5	5618	5453	5469	5288	5501
10	5414	5633	5578	5678	5525
15	5668	5681	5285	5315	5619
20	5391	5463	5697	5314	5381
25	5287	5677	5511	5296	5294
30	5582	5423	5707	5286	5250
35	5602	5425	5686	5309	5454
40	5353	5368	5379	5268	5312
45	5376	5299	5474	5399	5487
50	5449	5403	5689	5485	5570
55	5552	5562	5304	5709	5289
60	5719	5266	5651	5542	5648
65	5590	5342	5323	5683	5516
70	5370	5334	5679	5349	5352
75	5713	5550	5459	5631	5667
80	5429	5567	5623	5502	5397
85	5685	5632	5325	5416	5411
90	5670	5482	5321	5450	5579
95	5476	5622	5357	5318	5462

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5563	5666	5465	5499	5491
5	5660	5378	5544	5451	5708
10	5723	5422	5619	5301	5546
15	5281	5333	5388	5263	5336
20	5399	5629	5638	5306	5354
25	5553	5529	5714	5400	5328
30	5624	5312	5664	5501	5564
35	5302	5580	5607	5364	5682
40	5559	5681	5552	5373	5703
45	5454	5482	5448	5502	5290
50	5565	5663	5536	5278	5409
55	5492	5478	5486	5394	5431
60	5283	5483	5368	5374	5539
65	5533	5319	5442	5320	5576
70	5706	5672	5579	5677	5648
75	5569	5348	5690	5405	5632
80	5642	5476	5603	5635	5436
85	5597	5519	5615	5585	5555
90	5358	5256	5471	5434	5691
95	5441	5686	5321	5558	5511

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5721	5430	5401	5660	5333
5	5324	5400	5619	5614	5537
10	5654	5686	5496	5567	5369
15	5460	5491	5308	5528	5407
20	5698	5579	5395	5327	5441
25	5478	5442	5504	5362	5288
30	5676	5621	5716	5273	5717
35	5606	5393	5376	5285	5278
40	5618	5642	5695	5370	5632
45	5337	5565	5506	5458	5555
50	5364	5587	5576	5353	5680
55	5617	5668	5305	5365	5502
60	5596	5703	5315	5291	5570
65	5672	5488	5317	5597	5514
70	5403	5307	5425	5682	5631
75	5391	5602	5345	5629	5582
80	5604	5379	5628	5600	5535
85	5581	5439	5320	5503	5487
90	5339	5688	5589	5418	5323
95	5314	5616	5653	5723	5527

Test Site	WZ-SR4	Test Engineer	Lynn Yang
Test Date	2022-07-06 ~ 2022-07-08		
Test Item	Radar Statistical Performance Check (802.11ax-HE160 – 5250MHz)		
Test Mode	AP Mode		

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	5307	1	5264	1	5299	1	5262	1
1	5290	1	5297	1	5262	1	5293	1
2	5265	1	5250	1	5273	1	5282	1
3	5278	1	5321	1	5325	1	5261	1
4	5299	1	5326	0	5254	1	5303	1
5	5300	1	5297	1	5282	0	5304	1
6	5266	1	5309	1	5263	1	5250	1
7	5301	1	5287	1	5264	1	5290	0
8	5260	1	5290	0	5290	1	5316	1
9	5299	1	5311	1	5278	1	5302	1
10	5256	1	5260	1	5268	0	5293	0
11	5276	1	5296	1	5255	1	5323	1
12	5305	1	5323	1	5311	1	5306	1
13	5280	1	5306	1	5294	1	5287	1
14	5263	1	5308	1	5259	1	5263	1
15	5330	1	5284	1	5299	1	5278	1
16	5296	1	5277	1	5326	1	5286	1
17	5258	1	5319	1	5314	1	5269	1
18	5313	1	5276	1	5250	0	5310	1
19	5287	1	5303	1	5267	1	5307	1
20	5271	1	5308	1	5273	1	5266	1
21	5306	1	5311	1	5288	1	5326	1
22	5268	1	5253	1	5320	0	5283	1
23	5290	1	5269	1	5264	1	5321	1
24	5269	1	5307	1	5294	1	5330	1
25	5275	1	5330	1	5330	1	5284	1
26	5307	1	5292	1	5275	1	5281	1
27	5279	1	5311	0	5270	1	5329	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	5323	1	5285	0	5272	0	5270	1
29	5250	1	5300	1	5312	1	5263	1
Probability:	100.0%		86.7%		**83.3%**		**93.3%**	
Aggregate:	**90.8% (>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	778.0	68	52904.0
Download	1	Type 1	1.0	938.0	57	53466.0
Download	2	Type 1	1.0	698.0	76	53048.0
Download	3	Type 1	1.0	738.0	72	53136.0
Download	4	Type 1	1.0	898.0	59	52982.0
Download	5	Type 1	1.0	3066.0	18	55188.0
Download	6	Type 1	1.0	858.0	62	53196.0
Download	7	Type 1	1.0	578.0	92	53176.0
Download	8	Type 1	1.0	758.0	70	53060.0
Download	9	Type 1	1.0	678.0	78	52884.0
Download	10	Type 1	1.0	518.0	102	52836.0
Download	11	Type 1	1.0	658.0	81	53298.0
Download	12	Type 1	1.0	718.0	74	53132.0
Download	13	Type 1	1.0	878.0	61	53558.0
Download	14	Type 1	1.0	538.0	99	53262.0
Download	15	Type 1	1.0	900.0	59	53100.0
Download	16	Type 1	1.0	1796.0	30	53880.0
Download	17	Type 1	1.0	2848.0	19	54112.0
Download	18	Type 1	1.0	2646.0	20	52920.0
Download	19	Type 1	1.0	523.0	101	52823.0
Download	20	Type 1	1.0	2082.0	26	54132.0
Download	21	Type 1	1.0	2347.0	23	53981.0
Download	22	Type 1	1.0	1792.0	30	53760.0
Download	23	Type 1	1.0	2815.0	19	53485.0
Download	24	Type 1	1.0	1948.0	28	54544.0
Download	25	Type 1	1.0	2959.0	18	53262.0
Download	26	Type 1	1.0	1609.0	33	53097.0
Download	27	Type 1	1.0	688.0	77	52976.0
Download	28	Type 1	1.0	1078.0	49	52822.0
Download	29	Type 1	1.0	896.0	59	52864.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	2.5	224.0	25	5600.0
Download	1	Type 2	4.0	177.0	28	4956.0
Download	2	Type 2	1.9	214.0	24	5136.0
Download	3	Type 2	3.5	186.0	27	5022.0
Download	4	Type 2	3.6	181.0	27	4887.0
Download	5	Type 2	2.2	174.0	25	4350.0
Download	6	Type 2	4.5	187.0	29	5423.0
Download	7	Type 2	2.3	185.0	25	4625.0
Download	8	Type 2	1.3	179.0	23	4117.0
Download	9	Type 2	2.1	205.0	24	4920.0
Download	10	Type 2	1.7	168.0	24	4032.0
Download	11	Type 2	2.8	225.0	26	5850.0
Download	12	Type 2	4.8	164.0	29	4756.0
Download	13	Type 2	3.1	195.0	26	5070.0
Download	14	Type 2	1.2	154.0	23	3542.0
Download	15	Type 2	3.5	183.0	27	4941.0
Download	16	Type 2	4.8	211.0	29	6119.0
Download	17	Type 2	1.9	194.0	24	4656.0
Download	18	Type 2	1.6	188.0	24	4512.0
Download	19	Type 2	1.4	217.0	23	4991.0
Download	20	Type 2	4.9	208.0	29	6032.0
Download	21	Type 2	2.2	156.0	25	3900.0
Download	22	Type 2	3.4	175.0	27	4725.0
Download	23	Type 2	1.0	200.0	23	4600.0
Download	24	Type 2	2.4	215.0	25	5375.0
Download	25	Type 2	2.5	163.0	25	4075.0
Download	26	Type 2	4.6	230.0	29	6670.0
Download	27	Type 2	2.2	169.0	25	4225.0
Download	28	Type 2	2.6	193.0	25	4825.0
Download	29	Type 2	4.8	206.0	29	5974.0