DFS MEASUREMENT REPORT

FCC ID:	VW3FAST3896V3
Applicant:	SAGEMCOM BROADBAND SAS
Product:	Residential Cable Gateway
Model No.:	F@ST3896 XXXXXXXXXX (XXXXXXXXXX, X can be A~Z, space and other presentation, XXXXXXXXXX can be replaced by LLA and other presentation, it is various by different marketing)
Brand Name:	SAGEMCOM
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Result:	Complies
Received Date:	2023-02-28
Test Date:	2023-03-15 ~ 2023-03-18

Reviewed By: Sunny Sun

Approved By: Robin Wu

TESTING LABORATORY CERTIFICATE #3628.01

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

Revision History

Report No.	Version	Description	Issue Date	Note
2302RSU055-U3	V01	Initial Report	2023-05-30	Valid

CONTENTS

1. General Information

1.1. Applicant

SAGEMCOM BROADBAND SAS

250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE

1.2. Manufacturer

SAGEMCOM BROADBAND SAS

250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE

1.3. Testing Facility

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

1.4. Product Information

Product Name	Residential Cable Gateway
Model No.	F@ST3896 XXXXXXXXXX (XXXXXXXXXX, X can be A~Z, space and other presentation, XXXXXXXXXX can be replaced by LLA and other presentation, it is various by different marketing)
EUT Identification No.	20230227Sample#07
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Antenna Information	Refer to Section 1.7
Operating Environment	Indoor Use
Accessories	
Adapter #1	Model: ADS-42FKJ-12 12042EPCU-L Input: 100-120V ~ 50/60Hz, Max 1.2A Output: 12.0V, 3.5A
Adapter #2	Model: MSG-V3500AR120-042A0-US Input: 100-120V ~ 50/60Hz, Max 1.2A Output: 12.0V, 3.5A
Adapter #3	Model: NBS42E120350VU Input: 100-120V ~ 50/60Hz, Max 1.0A Output: 12.0V, 3.5A
Note: 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	For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz For 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz For 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 3464Mbps 802.11ax: up to 4804Mbps
Power-on cycle	Requires 20.55 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 Band (GHz)	Antenna Gain (dBi)				Directional Gain (dBi)	
		Ant 1	Ant 2	Ant 3	Ant 4	For Power	For PSD
Wi-Fi Internal Antenna (2.4GHz 3*3 MIMO, 5GHz 4*4 MIMO)							
PCB Antenna	2400 ~ 2483.5	1.48	4.27	4.27	--	4.27	6.72
	5150 ~ 5250	4.68	4.84	3.96	2.90	4.84	8.04
	5250 ~ 5350	4.49	4.04	4.57	3.43	4.57	7.98
	5470 ~ 5725	4.55	4.08	4.9	3.77	4.90	8.77
	5725 ~ 5850	4.55	4.08	4.9	3.77	4.90	8.77
Note 1: The antenna gain and directional gain refer to manufacturer's antenna specification. Note 2: The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated. Note 3: Software automatically backs power down based on CDD power for beamforming operation.							

2. Test Configuration

2.1. Test Mode

Mode 1: Operating under AP mode

2.2. Test Channel

Test Mode	Test Channel	Test Frequency
802.11ax-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.

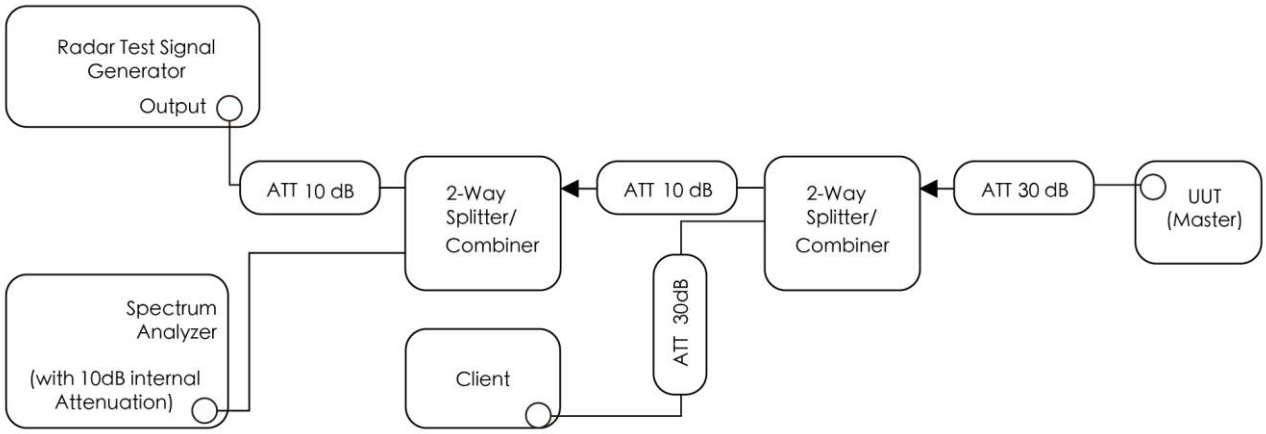


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Master

4. Measuring Instrument

Instrument	Manufacturer	Model No.	Asset No.	Cali. Interval	Cali. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2023-10-11	WZ-SR4
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2023-07-08	WZ-SR4
Signal Analyzer	Keysight	N9010B	MRTSUE07027	1 year	2023-11-25	WZ-SR4

Client Information

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

Software	Version	Manufacturer	Function
DFS Tool	V 6.9.2	Agilent	DFS Test Software
Pulse Sequencer	V 2.0	R&S	DFS Test Software
Signal Studio	V2.2.0.0	Keysight	DFS Test Software

5. Test Result

5.1. Summary

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

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.

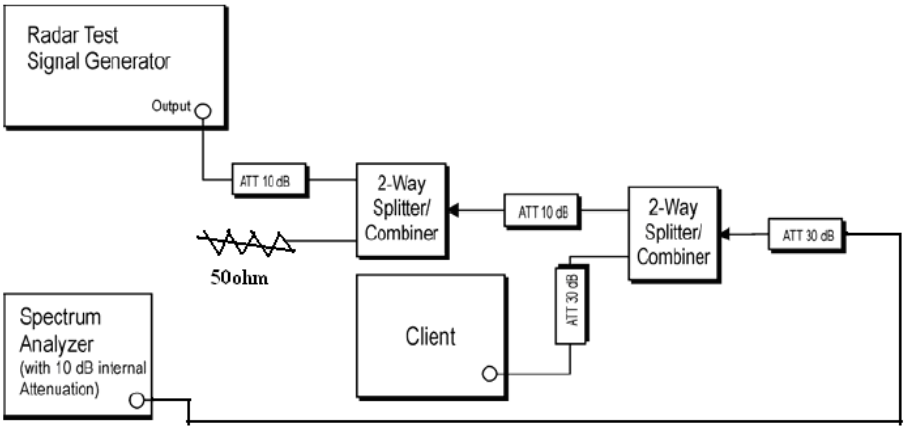


Figure 3-2: Conducted Test Setup

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

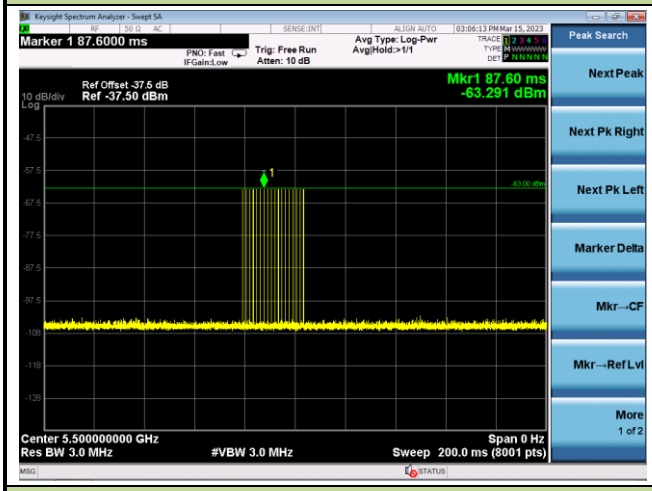
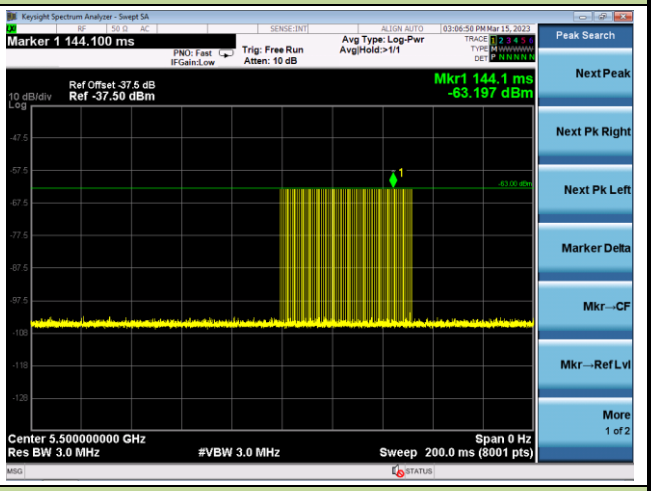
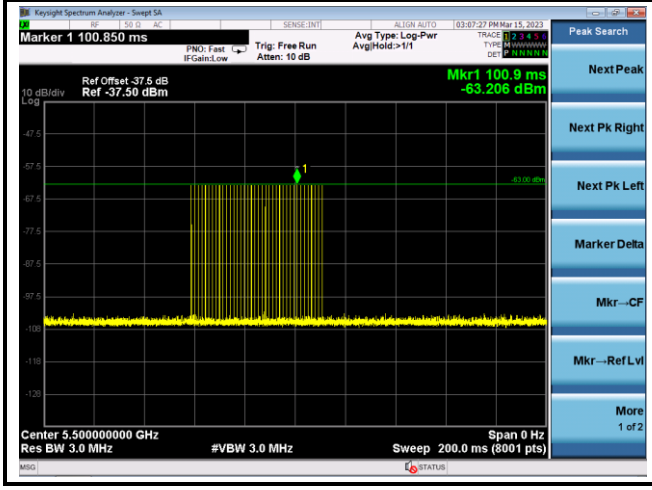
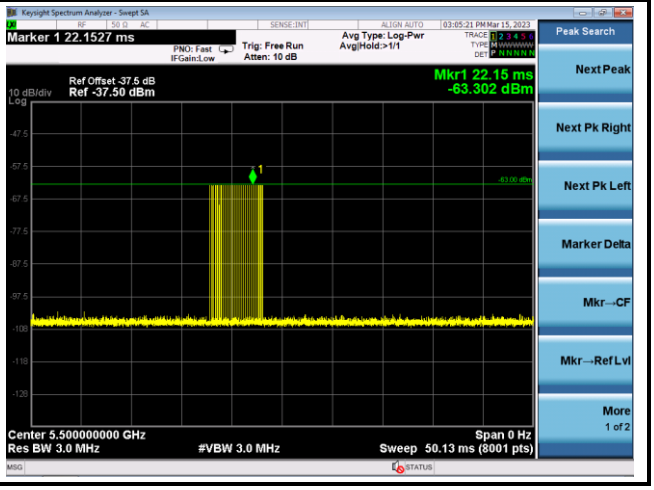
5.8.3. Test Result

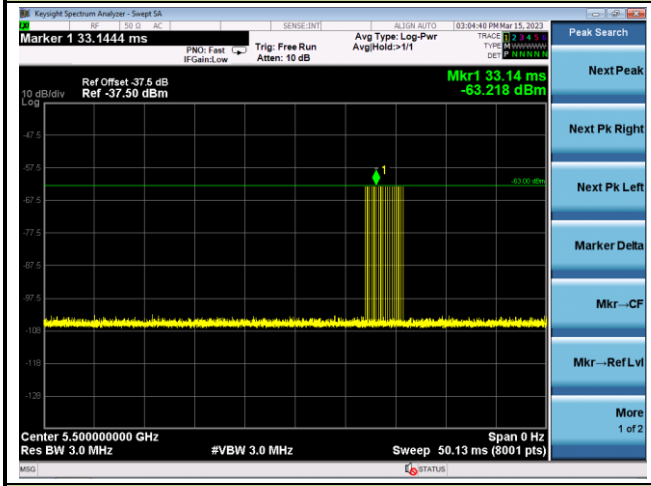
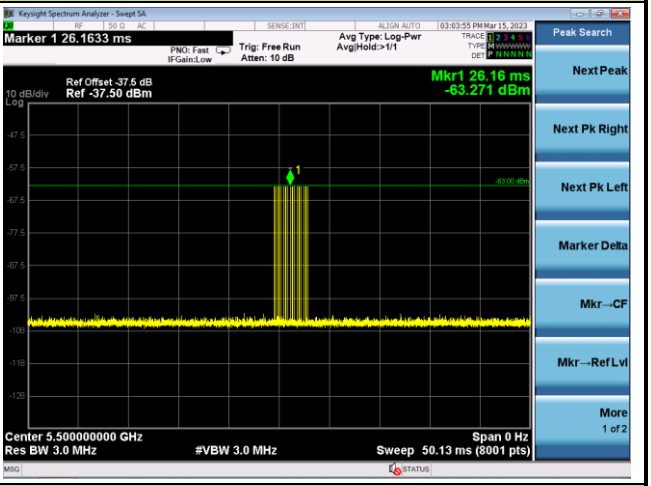
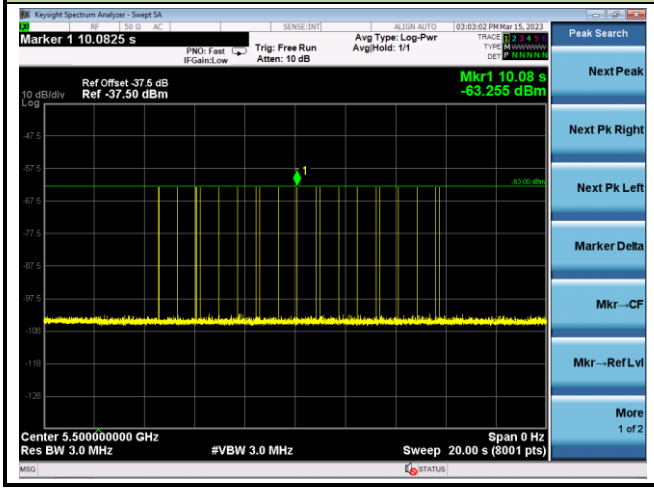
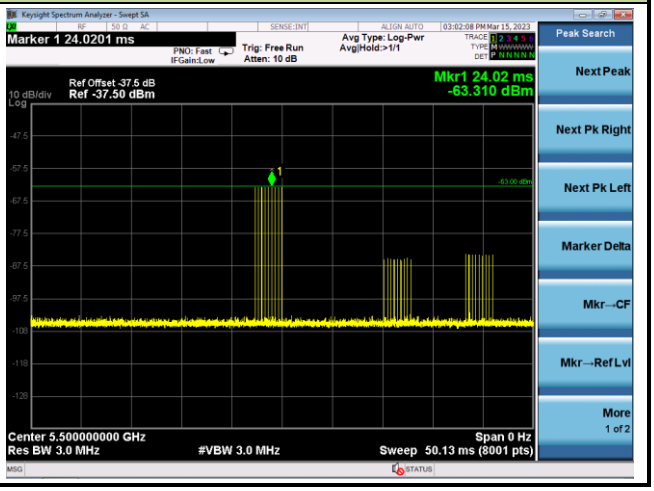
Refer to Appendix A.7.

Appendix A – Test Result

A.1 Calibration Test Result

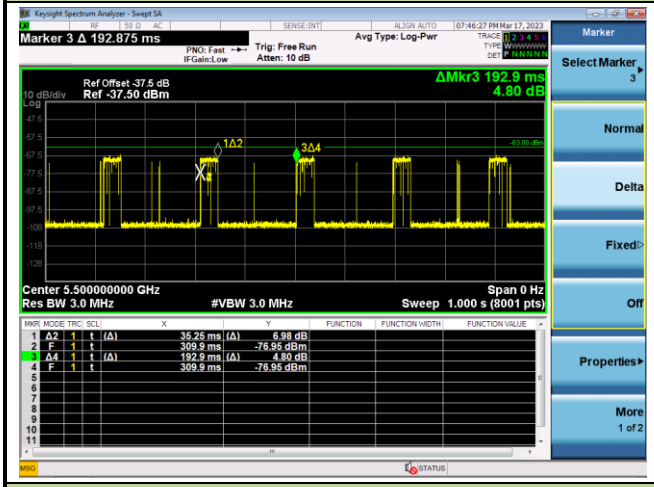
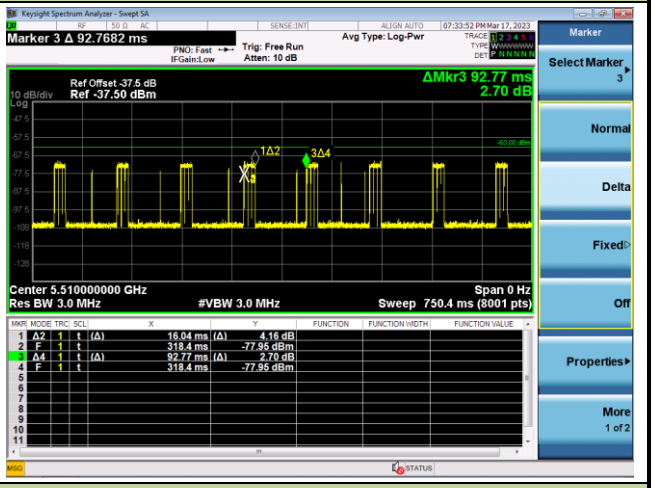
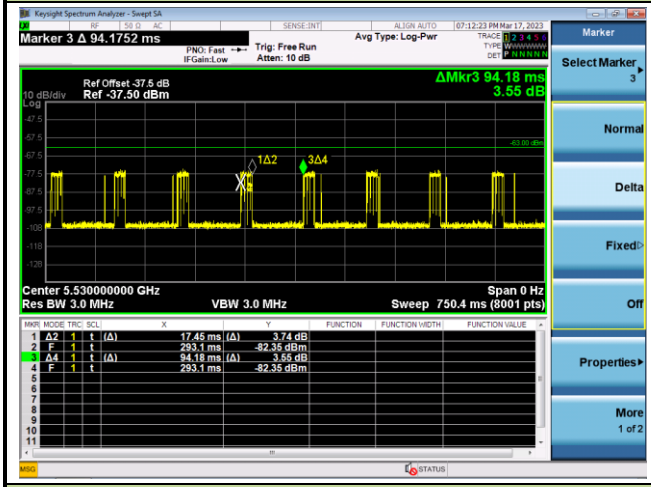
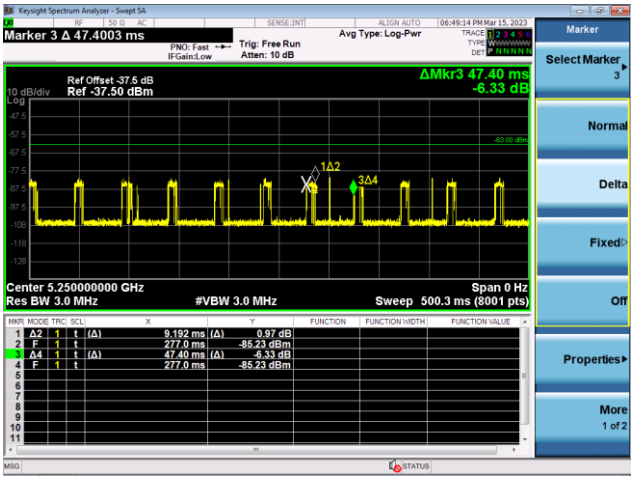
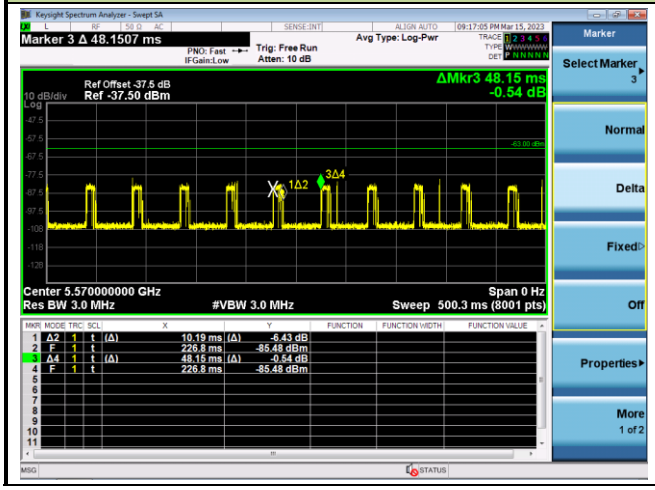
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-15	Test Item	Radar Waveform Calibration

Radar Waveform Calibration	
Radar #0	Radar #1(Test A) PRI = 678μs and the number of pulses = 78
	
Radar #1(Test B) PRI = 1406μs and the number of pulses = 38	Radar #2
	

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

A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-15~2023-03-17	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	18.27%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	17.29%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	18.53%	≥ 17%	Pass
802.11ax-HE160	5250 MHz	19.39%	≥ 17%	Pass
802.11ax-HE160	5570 MHz	21.16%	≥ 17%	Pass
Note: System testing was performed with the designated iperf test file. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device. Packet ratio = Time On / (Time On + Off Time).				

A.3 NII Detection Bandwidth Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5490.4 FL	1	1	1	1	1	1	1	1	1	1	100%
5491	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509	1	1	1	1	1	1	1	1	1	1	100%
5509.6 FH	1	1	1	1	1	1	1	1	1	1	100%
5510	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 19.107MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5509.6MHz – 5490.4MHz = 19.2MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 19.107MHz x 100% = 19.107MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz)		

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

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 37.854MHz. (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): 37.854MHz x 100% = 37.854MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490 FL	1	1	1	1	1	1	1	1	1	1	100%
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 77.375MHz. (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): 77.375MHz x 100% = 77.375MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5250MHz)		

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 78.00MHz (99% BW / 2 = 156.00MHz / 2 = 78.00MHz). (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): 78.00MHz x 100% = 78.00MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5570MHz)		

Radar Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
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%
5645	1	1	1	1	1	1	1	1	1	1	100%
5646	1	1	1	1	1	1	1	1	1	1	100%
5647	1	1	1	1	1	1	1	1	1	1	100%
5648	1	1	1	1	1	1	1	1	1	1	100%
5649 FH	1	1	1	1	1	1	1	1	1	1	100%
5650	0	0	0	0	0	0	0	0	0	0	0%

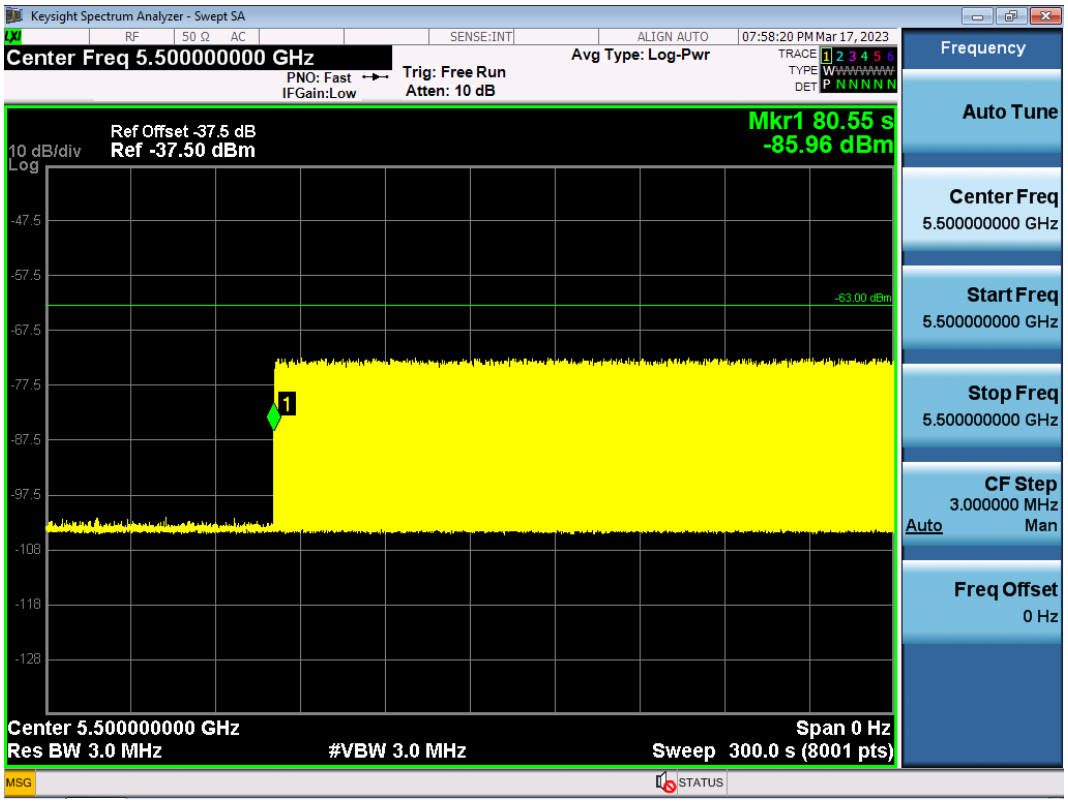
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5570MHz. The 99% channel bandwidth is 156.38MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5649MHz – 5491MHz = 158MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 156.38MHz x 100% = 156.38MHz.

A.4 Initial Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

Initial Channel Availability Check Time

Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (20.55 sec). Initial beacons/data transmissions are indicated by marker 1 (80.55 sec).

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

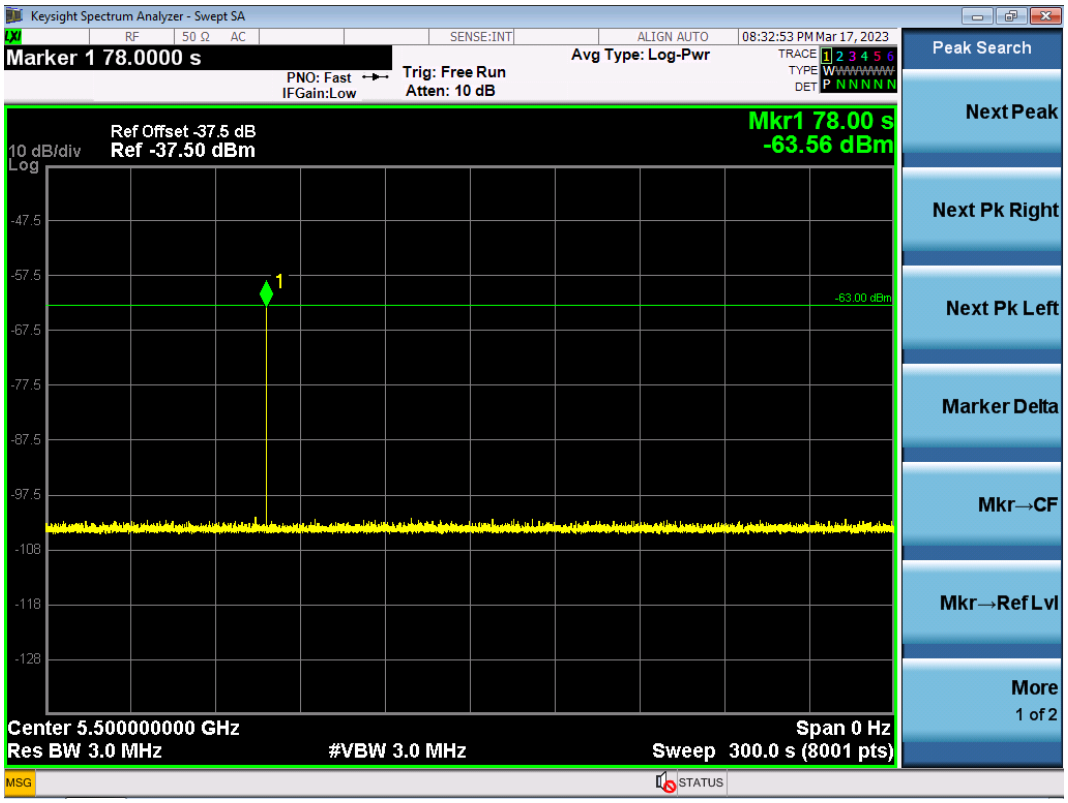
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

Beginning of the Channel Availability Check Time


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

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

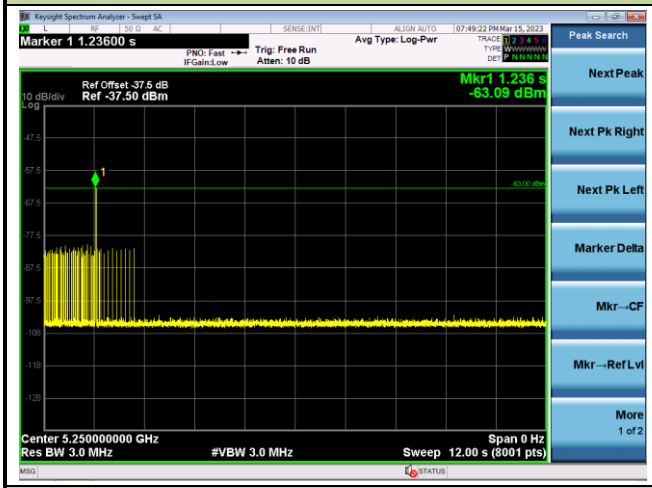
End of the Channel Availability Check Time

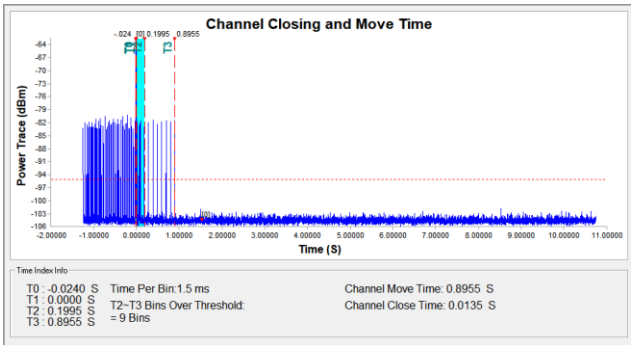


A.7 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

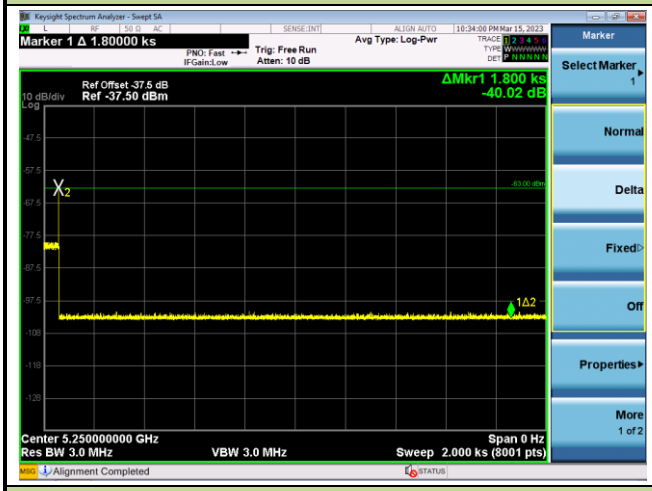
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-15		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5250MHz)		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period

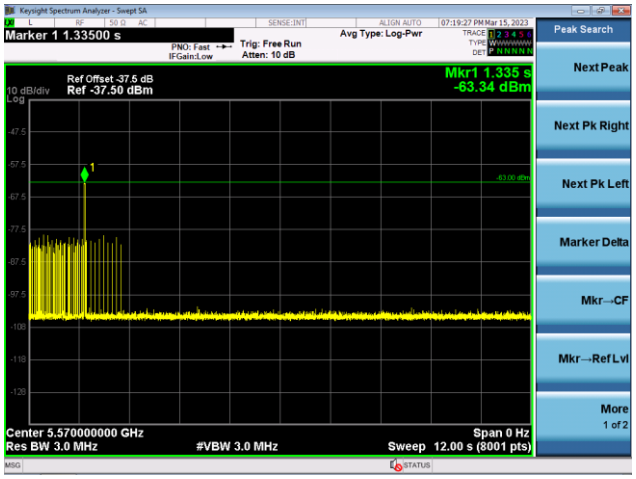


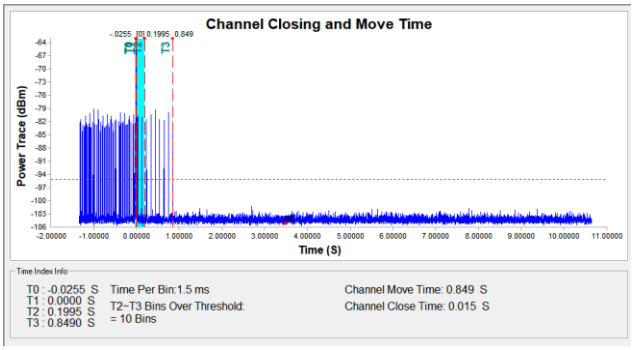
Parameter	Test Result	Limit
Channel Move Time (s)	0.8955s	<10s
Channel Closing Transmission Time (ms) (Note)	13.5ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

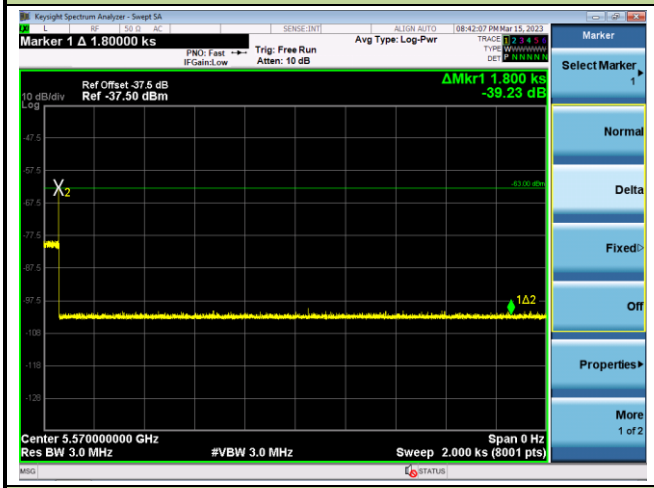
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-15		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5570MHz)		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	0.849s	<10s
Channel Closing Transmission Time (ms) (Note)	15ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

A.8 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5490.4	1	5502	1	5497	1	5500	1
1	5503	1	5490.4	1	5500	0	5506	1
2	5498	1	5509.6	1	5490.4	0	5499	1
3	5506	1	5503	1	5493	1	5505	1
4	5491	1	5496	1	5503	1	5499	0
5	5507	1	5501	0	5496	1	5493	1
6	5497	1	5504	1	5495	0	5501	1
7	5505	1	5491	1	5497	1	5503	1
8	5502	1	5503	1	5491	1	5491	1
9	5503	1	5508	1	5492	1	5497	0
10	5492	1	5495	1	5498	0	5498	1
11	5505	1	5505	1	5504	1	5495	0
12	5496	1	5497	1	5507	1	5494	1
13	5501	1	5501	1	5495	1	5502	0
14	5499	1	5492	1	5505	0	5490.4	1
15	5504	1	5505	1	5503	1	5504	1
16	5493	1	5506	1	5499	1	5503	1
17	5496	1	5498	1	5506	1	5495	1
18	5507	0	5497	1	5492	1	5493	0
19	5500	1	5493	1	5501	1	5504	1
20	5499	1	5507	1	5500	1	5492	1
21	5493	1	5495	1	5507	1	5505	0
22	5494	1	5499	1	5509	1	5507	1
23	5508	1	5492	1	5493	1	5509	0
24	5492	1	5494	1	5508	1	5496	1
25	5501	1	5508	1	5501	1	5491	1
26	5509	1	5491	1	5509	0	5497	1

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
27	5495	1	5500	1	5494	0	5508	1
28	5497	1	5503	1	5502	0	5500	1
29	5509.6	1	5509	1	5509.6	1	5509.6	1
Probability:	96.7%		96.7%		73.3%		76.7%	
Aggregate:	**85.8% (>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	698.0	76	53048.0
Download	1	Type 1	1.0	758.0	70	53060.0
Download	2	Type 1	1.0	918.0	58	53244.0
Download	3	Type 1	1.0	678.0	78	52884.0
Download	4	Type 1	1.0	658.0	81	53298.0
Download	5	Type 1	1.0	818.0	65	53170.0
Download	6	Type 1	1.0	618.0	86	53148.0
Download	7	Type 1	1.0	538.0	99	53262.0
Download	8	Type 1	1.0	558.0	95	53010.0
Download	9	Type 1	1.0	718.0	74	53132.0
Download	10	Type 1	1.0	898.0	59	52982.0
Download	11	Type 1	1.0	938.0	57	53466.0
Download	12	Type 1	1.0	838.0	63	52794.0
Download	13	Type 1	1.0	578.0	92	53176.0
Download	14	Type 1	1.0	858.0	62	53196.0
Download	15	Type 1	1.0	2895.0	19	55005.0
Download	16	Type 1	1.0	2212.0	24	53088.0
Download	17	Type 1	1.0	1935.0	28	54180.0
Download	18	Type 1	1.0	2454.0	22	53988.0
Download	19	Type 1	1.0	674.0	79	53246.0
Download	20	Type 1	1.0	1697.0	32	54304.0
Download	21	Type 1	1.0	3011.0	18	54198.0
Download	22	Type 1	1.0	1641.0	33	54153.0
Download	23	Type 1	1.0	2065.0	26	53690.0
Download	24	Type 1	1.0	1845.0	29	53505.0
Download	25	Type 1	1.0	1848.0	29	53592.0
Download	26	Type 1	1.0	2365.0	23	54395.0
Download	27	Type 1	1.0	1762.0	30	52860.0
Download	28	Type 1	1.0	2347.0	23	53981.0
Download	29	Type 1	1.0	1653.0	32	52896.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.7	226.0	29	6554.0
Download	1	Type 2	4.3	193.0	28	5404.0
Download	2	Type 2	2.1	194.0	25	4850.0
Download	3	Type 2	1.1	220.0	23	5060.0
Download	4	Type 2	3.0	169.0	26	4394.0
Download	5	Type 2	4.8	159.0	29	4611.0
Download	6	Type 2	4.2	181.0	28	5068.0
Download	7	Type 2	4.3	224.0	28	6272.0
Download	8	Type 2	3.3	202.0	26	5252.0
Download	9	Type 2	2.7	150.0	25	3750.0
Download	10	Type 2	2.1	225.0	24	5400.0
Download	11	Type 2	2.3	164.0	25	4100.0
Download	12	Type 2	2.6	171.0	25	4275.0
Download	13	Type 2	1.8	158.0	24	3792.0
Download	14	Type 2	1.9	229.0	24	5496.0
Download	15	Type 2	4.5	222.0	29	6438.0
Download	16	Type 2	3.9	156.0	28	4368.0
Download	17	Type 2	4.5	154.0	29	4466.0
Download	18	Type 2	4.3	185.0	28	5180.0
Download	19	Type 2	3.6	207.0	27	5589.0
Download	20	Type 2	2.0	187.0	24	4488.0
Download	21	Type 2	4.4	191.0	28	5348.0
Download	22	Type 2	2.7	184.0	25	4600.0
Download	23	Type 2	3.9	219.0	27	5913.0
Download	24	Type 2	3.3	211.0	26	5486.0
Download	25	Type 2	4.2	192.0	28	5376.0
Download	26	Type 2	1.7	204.0	24	4896.0
Download	27	Type 2	1.6	209.0	24	5016.0
Download	28	Type 2	4.4	166.0	28	4648.0
Download	29	Type 2	2.1	151.0	25	3775.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.7	498.0	18	8964.0
Download	1	Type 3	9.3	352.0	18	6336.0
Download	2	Type 3	7.1	298.0	16	4768.0
Download	3	Type 3	6.1	245.0	16	3920.0
Download	4	Type 3	8.0	448.0	17	7616.0
Download	5	Type 3	9.8	372.0	18	6696.0
Download	6	Type 3	9.2	345.0	18	6210.0
Download	7	Type 3	9.3	428.0	18	7704.0
Download	8	Type 3	8.3	483.0	17	8211.0
Download	9	Type 3	7.7	458.0	17	7786.0
Download	10	Type 3	7.1	324.0	16	5184.0
Download	11	Type 3	7.3	332.0	16	5312.0
Download	12	Type 3	7.6	230.0	17	3910.0
Download	13	Type 3	6.8	313.0	16	5008.0
Download	14	Type 3	6.9	203.0	16	3248.0
Download	15	Type 3	9.5	430.0	18	7740.0
Download	16	Type 3	8.9	479.0	18	8622.0
Download	17	Type 3	9.5	267.0	18	4806.0
Download	18	Type 3	9.3	291.0	18	5238.0
Download	19	Type 3	8.6	357.0	17	6069.0
Download	20	Type 3	7.0	348.0	16	5568.0
Download	21	Type 3	9.4	493.0	18	8874.0
Download	22	Type 3	7.7	327.0	17	5559.0
Download	23	Type 3	8.9	205.0	18	3690.0
Download	24	Type 3	8.3	355.0	17	6035.0
Download	25	Type 3	9.2	447.0	18	8046.0
Download	26	Type 3	6.7	314.0	16	5024.0
Download	27	Type 3	6.6	384.0	16	6144.0
Download	28	Type 3	9.4	427.0	18	7686.0
Download	29	Type 3	7.1	358.0	16	5728.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	19.3	498.0	16	7968.0
Download	1	Type 4	18.3	352.0	16	5632.0
Download	2	Type 4	13.6	298.0	13	3874.0
Download	3	Type 4	11.2	245.0	12	2940.0
Download	4	Type 4	15.4	448.0	14	6272.0
Download	5	Type 4	19.6	372.0	16	5952.0
Download	6	Type 4	18.1	345.0	15	5175.0
Download	7	Type 4	18.3	428.0	16	6848.0
Download	8	Type 4	16.1	483.0	14	6762.0
Download	9	Type 4	14.7	458.0	14	6412.0
Download	10	Type 4	13.5	324.0	13	4212.0
Download	11	Type 4	13.9	332.0	13	4316.0
Download	12	Type 4	14.5	230.0	13	2990.0
Download	13	Type 4	12.9	313.0	13	4069.0
Download	14	Type 4	13.1	203.0	13	2639.0
Download	15	Type 4	18.8	430.0	16	6880.0
Download	16	Type 4	17.5	479.0	15	7185.0
Download	17	Type 4	18.8	267.0	16	4272.0
Download	18	Type 4	18.4	291.0	16	4656.0
Download	19	Type 4	16.7	357.0	15	5355.0
Download	20	Type 4	13.2	348.0	13	4524.0
Download	21	Type 4	18.6	493.0	16	7888.0
Download	22	Type 4	14.8	327.0	14	4578.0
Download	23	Type 4	17.4	205.0	15	3075.0
Download	24	Type 4	16.1	355.0	14	4970.0
Download	25	Type 4	18.2	447.0	15	6705.0
Download	26	Type 4	12.7	314.0	12	3768.0
Download	27	Type 4	12.4	384.0	12	4608.0
Download	28	Type 4	18.5	427.0	16	6832.0
Download	29	Type 4	13.6	358.0	13	4654.0

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	5497.6	1
1	5500	1	16	5496.8	1
2	5500	1	17	5497.6	1
3	5500	0	18	5497.6	1
4	5500	1	19	5496.4	1
5	5500	1	20	5506.4	1
6	5500	1	21	5502.4	1
7	5500	1	22	5505.2	1
8	5500	1	23	5503.2	1
9	5500	1	24	5503.6	1
10	5494	1	25	5502.8	1
11	5494.4	1	26	5506.4	1
12	5494.8	1	27	5506.8	1
13	5493.6	1	28	5502.4	1
14	5493.6	1	29	5506	1
Detection Percentage (%)			**96.7%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
101493.0	96.0	19	3	1688.0	1772.0	1092.0
253949.0	90.4	19	3	1067.0	1056.0	1484.0
407390.0	64.4	19	1	1849.0	-	-
560193.0	51.4	19	1	1766.0	-	-
82899.0	74.5	19	2	1869.0	1640.0	-
235115.0	97.4	19	3	1114.0	1498.0	1194.0
386960.0	89.3	19	3	1057.0	1757.0	1656.0
539385.0	90.3	19	3	1277.0	1360.0	1447.0
64237.0	78.3	19	2	1203.0	1317.0	-
216678.0	70.8	19	2	1244.0	1641.0	-
369698.0	64.0	19	1	1961.0	-	-
522488.0	66.0	19	1	1855.0	-	-
45405.0	69.7	19	2	1876.0	1193.0	-
198244.0	60.7	19	1	1778.0	-	-
351128.0	61.6	19	1	1532.0	-	-
501805.0	93.1	19	3	1167.0	1210.0	1817.0
26516.0	86.1	19	3	1990.0	1947.0	1790.0
178551.0	93.3	19	3	1726.0	1531.0	1605.0
330807.0	91.1	19	3	1763.0	1412.0	1198.0

Type 5 Radar Waveform_1

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
510977.0	81.8	17	2	1507.0	1521.0	-
8309.0	62.4	17	1	1562.0	-	-
168980.0	91.9	17	3	1340.0	1580.0	1142.0
329876.0	71.0	17	2	1745.0	1930.0	-
489853.0	85.5	17	3	1487.0	1373.0	1922.0
652549.0	78.2	17	2	1444.0	1131.0	-
148990.0	89.8	17	3	1386.0	1875.0	1670.0
311025.0	59.4	17	1	1631.0	-	-
472073.0	58.1	17	1	1975.0	-	-
631328.0	91.7	17	3	1826.0	1091.0	1108.0
129950.0	64.4	17	1	1200.0	-	-
291197.0	64.6	17	1	1541.0	-	-
451722.0	78.5	17	2	1379.0	1322.0	-
611109.0	84.9	17	3	1063.0	1868.0	1553.0
109965.0	62.6	17	1	1831.0	-	-
270345.0	94.4	17	3	1095.0	1695.0	1158.0
430959.0	96.1	17	3	1046.0	1387.0	1693.0
594315.0	50.7	17	1	1138.0	-	-

Type 5 Radar Waveform_2

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
147464.0	79.8	9	2	1301.0	1528.0	-
411224.0	81.7	9	2	1734.0	1450.0	-
674096.0	98.3	9	3	1850.0	1045.0	1796.0
937771.0	87.6	9	3	1728.0	1148.0	1546.0
114890.0	79.8	9	2	1816.0	1657.0	-
379192.0	58.9	9	1	1853.0	-	-
641336.0	92.4	9	3	1976.0	1841.0	1399.0
905410.0	95.5	9	3	1321.0	1021.0	1963.0
82385.0	91.9	9	3	1258.0	1332.0	1130.0
346120.0	73.7	9	2	1630.0	1911.0	-
609747.0	86.4	9	3	1042.0	1015.0	1651.0

Type 5 Radar Waveform_3

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1203452.0	57.2	5	1	1999.0	-	-
68703.0	74.4	5	2	1948.0	1369.0	-
432335.0	50.1	5	1	1103.0	-	-
795791.0	55.0	5	1	1241.0	-	-
1158026.0	67.9	5	2	1376.0	1496.0	-
24023.0	56.5	5	1	1316.0	-	-
387009.0	70.1	5	2	1406.0	1815.0	-
751123.0	54.0	5	1	1029.0	-	-

Type 5 Radar Waveform_4

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
635375.0	69.4	12	2	1502.0	1211.0	-
841405.0	79.0	12	2	1955.0	1970.0	-
195325.0	73.3	12	2	1121.0	1907.0	-
401719.0	84.7	12	3	1319.0	1941.0	1372.0
608945.0	88.0	12	3	1117.0	1593.0	1270.0
816583.0	81.1	12	2	1655.0	1573.0	-
169540.0	98.6	12	3	1473.0	1389.0	1518.0
377551.0	63.9	12	1	1686.0	-	-
585404.0	56.2	12	1	1133.0	-	-
789495.0	85.6	12	3	1897.0	1070.0	1964.0
144320.0	81.2	12	2	1116.0	1747.0	-
352226.0	57.1	12	1	1124.0	-	-
559394.0	66.4	12	1	1802.0	-	-
766916.0	65.5	12	1	1718.0	-	-

Type 5 Radar Waveform_5

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
82922.0	92.3	20	3	1336.0	1168.0	1208.0
228393.0	56.2	20	1	1479.0	-	-
373551.0	61.5	20	1	1482.0	-	-
515058.0	92.8	20	3	1832.0	1921.0	1943.0
64995.0	94.2	20	3	1663.0	1390.0	1698.0
209987.0	82.6	20	2	1965.0	1009.0	-
354502.0	82.9	20	2	1576.0	1873.0	-
499206.0	78.6	20	2	1835.0	1588.0	-
47265.0	90.0	20	3	1023.0	1929.0	1141.0
191863.0	86.4	20	3	1382.0	1351.0	1134.0
337819.0	66.0	20	1	1432.0	-	-
481471.0	73.0	20	2	1839.0	1476.0	-
29603.0	50.9	20	1	1250.0	-	-
174319.0	67.2	20	2	1105.0	1856.0	-
320128.0	64.3	20	1	1075.0	-	-
465089.0	59.5	20	1	1457.0	-	-
11720.0	60.5	20	1	1041.0	-	-
156347.0	78.3	20	2	1825.0	1654.0	-
300230.0	92.5	20	3	1798.0	1701.0	1549.0
445167.0	90.3	20	3	1690.0	1185.0	1314.0

Type 5 Radar Waveform_6

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
657189.0	76.6	17	2	1388.0	1245.0	-
154234.0	71.8	17	2	1291.0	1214.0	-
315715.0	56.5	17	1	1662.0	-	-
475478.0	97.0	17	3	1094.0	1409.0	1280.0
638843.0	60.3	17	1	1079.0	-	-
134620.0	56.4	17	1	1381.0	-	-
295252.0	81.2	17	2	1348.0	1653.0	-
454972.0	95.1	17	3	1672.0	1720.0	1413.0
616026.0	86.2	17	3	1285.0	1844.0	1104.0
114774.0	59.9	17	1	1215.0	-	-
275927.0	60.6	17	1	1794.0	-	-
437198.0	66.6	17	1	1765.0	-	-
597678.0	70.0	17	2	1404.0	1227.0	-
94518.0	91.7	17	3	1481.0	1286.0	1086.0
255554.0	82.2	17	2	1916.0	1202.0	-
415477.0	93.9	17	3	1371.0	1594.0	1760.0
575234.0	93.5	17	3	1893.0	1983.0	1751.0
74868.0	75.1	17	2	1430.0	1083.0	-

Type 5 Radar Waveform_7

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
236222.0	62.3	17	1	1735.0	-	-
395916.0	87.6	17	3	1425.0	1235.0	1707.0
557751.0	71.2	17	2	1234.0	1697.0	-
54932.0	90.8	17	3	1264.0	1099.0	1297.0
215698.0	89.0	17	3	1463.0	1016.0	1283.0
375767.0	86.9	17	3	1803.0	1499.0	1704.0
538116.0	68.7	17	2	1511.0	1181.0	-
35252.0	64.9	17	1	1247.0	-	-
196204.0	80.2	17	2	1246.0	1467.0	-
357388.0	81.4	17	2	1146.0	1282.0	-
516266.0	99.7	17	3	1558.0	1752.0	1962.0
15298.0	96.7	17	3	1454.0	1394.0	1650.0
176422.0	75.0	17	2	1160.0	1355.0	-
338170.0	52.8	17	1	1195.0	-	-
499426.0	64.6	17	1	1385.0	-	-
659315.0	76.2	17	2	1435.0	1422.0	-
156027.0	88.9	17	3	1775.0	1500.0	1591.0
317434.0	70.5	17	2	1824.0	1161.0	-

Type 5 Radar Waveform_8

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
573686.0	99.8	14	3	1098.0	1311.0	1715.0
769295.0	64.6	14	1	1442.0	-	-
163987.0	82.5	14	2	1938.0	1570.0	-
357009.0	87.8	14	3	1183.0	1268.0	1396.0
551600.0	51.3	14	1	1679.0	-	-
742688.0	87.9	14	3	1274.0	1243.0	1872.0
140218.0	92.5	14	3	1137.0	1074.0	1151.0
333676.0	80.0	14	2	1368.0	1400.0	-
527238.0	75.7	14	2	1364.0	1089.0	-
718421.0	99.5	14	3	1347.0	1936.0	1658.0
116702.0	53.0	14	1	1424.0	-	-
310195.0	59.3	14	1	1905.0	-	-
502496.0	85.1	14	3	1460.0	1441.0	1003.0
696191.0	70.5	14	2	1994.0	1205.0	-
92811.0	66.1	14	1	1714.0	-	-

Type 5 Radar Waveform_9

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
329904.0	85.4	11	3	1038.0	1012.0	1548.0
554289.0	66.0	11	1	1299.0	-	-
777935.0	54.9	11	1	1197.0	-	-
79435.0	69.1	11	2	1998.0	1567.0	-
302239.0	85.9	11	3	1226.0	1601.0	1366.0
525996.0	82.9	11	2	1306.0	1315.0	-
749455.0	69.6	11	2	1331.0	1020.0	-
51974.0	78.3	11	2	1636.0	1780.0	-
274593.0	95.4	11	3	1415.0	1618.0	1814.0
498567.0	76.3	11	2	1275.0	1219.0	-
720310.0	99.9	11	3	1271.0	1251.0	1920.0
24460.0	95.5	11	3	1992.0	1062.0	1858.0
247396.0	89.5	11	3	1201.0	1354.0	1420.0

Type 5 Radar Waveform_10

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
555868.0	85.0	9	3	1346.0	1782.0	1472.0
821641.0	57.7	9	1	1539.0	-	-
1086166.0	51.9	9	1	1220.0	-	-
260146.0	93.8	9	3	1068.0	1436.0	1281.0
524732.0	52.7	9	1	1867.0	-	-
789285.0	61.6	9	1	1279.0	-	-
1049711.0	94.1	9	3	1551.0	1924.0	1779.0
227675.0	78.9	9	2	1800.0	1957.0	-
491113.0	92.7	9	3	1350.0	1287.0	1629.0
755743.0	74.6	9	2	1236.0	1468.0	-
1017875.0	86.2	9	3	1810.0	1643.0	1164.0

Type 5 Radar Waveform_11

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
179011.0	83.3	10	2	1756.0	1240.0	-
419666.0	98.4	10	3	1928.0	1945.0	1847.0
663923.0	58.9	10	1	1036.0	-	-
905906.0	61.2	10	1	1363.0	-	-
149245.0	69.2	10	2	1827.0	1044.0	-
391764.0	61.9	10	1	1125.0	-	-
632517.0	70.8	10	2	1668.0	1830.0	-
872929.0	96.3	10	3	1725.0	1652.0	1569.0
119507.0	79.1	10	2	1006.0	1438.0	-
361263.0	80.5	10	2	1912.0	1037.0	-
601899.0	89.6	10	3	1834.0	1773.0	1292.0
843637.0	86.9	10	3	1731.0	1513.0	1190.0

Type 5 Radar Waveform_12

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
82838.0	59.6	11	1	1895.0	-	-
306313.0	57.1	11	1	1717.0	-	-
529611.0	53.0	11	1	1996.0	-	-
751039.0	87.7	11	3	1808.0	1504.0	1085.0
55241.0	80.1	11	2	1993.0	1187.0	-
278341.0	86.3	11	3	1005.0	1173.0	1014.0
500849.0	87.1	11	3	1061.0	1628.0	1592.0
726184.0	61.4	11	1	1109.0	-	-
27815.0	51.5	11	1	1334.0	-	-
250639.0	92.5	11	3	1535.0	1433.0	1034.0
474794.0	52.9	11	1	1575.0	-	-
696242.0	95.1	11	3	1429.0	1184.0	1661.0
278.0	68.0	11	2	1330.0	1624.0	-

Type 5 Radar Waveform_13

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
290486.0	97.5	8	3	1177.0	1050.0	1540.0
581829.0	59.2	8	1	1255.0	-	-
872630.0	56.5	8	1	1162.0	-	-
1161026.0	73.4	8	2	1743.0	1851.0	-
254873.0	76.4	8	2	1380.0	1805.0	-
544169.0	87.3	8	3	1813.0	1887.0	1614.0
834283.0	92.8	8	3	1578.0	1818.0	1395.0
1124252.0	91.5	8	3	1488.0	1820.0	1383.0
219142.0	68.8	8	2	1902.0	1159.0	-
508880.0	85.8	8	3	1517.0	1033.0	1819.0

Type 5 Radar Waveform_14

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
725084.0	87.5	8	3	1886.0	1838.0	1971.0
990273.0	74.0	8	2	1711.0	1799.0	-
166884.0	58.4	8	1	1669.0	-	-
431209.0	59.0	8	1	1289.0	-	-
693197.0	83.4	8	3	1692.0	1980.0	1188.0
959417.0	55.4	8	1	1660.0	-	-
134402.0	53.5	8	1	1192.0	-	-
398625.0	66.3	8	1	1378.0	-	-
663005.0	58.9	8	1	1157.0	-	-
923978.0	95.5	8	3	1616.0	1748.0	1702.0
101660.0	70.9	8	2	1231.0	1967.0	-

Type 5 Radar Waveform_15

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
210656.0	92.3	18	3	1689.0	1106.0	1821.0
363179.0	86.7	18	3	1096.0	1480.0	1237.0
514903.0	99.8	18	3	1489.0	1627.0	1341.0
39943.0	74.0	18	2	1452.0	1969.0	-
193008.0	64.0	18	1	1082.0	-	-
343907.0	92.6	18	3	1910.0	1456.0	1391.0
498112.0	55.6	18	1	2000.0	-	-
21250.0	63.1	18	1	1273.0	-	-
173047.0	84.7	18	3	1833.0	1367.0	1953.0
325528.0	90.8	18	3	1199.0	1753.0	1136.0
477464.0	95.4	18	3	1090.0	1860.0	1466.0
2418.0	63.9	18	1	1781.0	-	-
154592.0	93.3	18	3	1253.0	1458.0	1392.0
307278.0	71.7	18	2	1739.0	1335.0	-
460953.0	52.7	18	1	1375.0	-	-
613829.0	64.2	18	1	1342.0	-	-
136075.0	72.8	18	2	1492.0	1555.0	-
289354.0	52.7	18	1	1216.0	-	-
440190.0	93.3	18	3	1155.0	1423.0	1556.0

Type 5 Radar Waveform_16

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
662529.0	96.9	16	3	1407.0	1338.0	1374.0
130757.0	95.5	16	3	1880.0	1619.0	1733.0
300867.0	90.9	16	3	1393.0	1925.0	1494.0
471911.0	71.3	16	2	1600.0	1705.0	-
644000.0	65.5	16	1	1455.0	-	-
110335.0	63.7	16	1	1985.0	-	-
280702.0	71.7	16	2	1598.0	1263.0	-
451448.0	77.2	16	2	1304.0	1182.0	-
622966.0	53.6	16	1	1443.0	-	-
89420.0	55.9	16	1	1084.0	-	-
259017.0	98.0	16	3	1776.0	1224.0	1710.0
430057.0	76.2	16	2	1864.0	1238.0	-
599608.0	94.0	16	3	1097.0	1977.0	1076.0
68011.0	99.6	16	3	1940.0	1349.0	1445.0
238360.0	97.1	16	3	1206.0	1599.0	1049.0
410243.0	55.1	16	1	1073.0	-	-
580155.0	72.5	16	2	1153.0	1165.0	-

Type 5 Radar Waveform_17

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
42309.0	56.8	18	1	1284.0	-	-
194240.0	99.5	18	3	1723.0	1529.0	1051.0
347653.0	62.3	18	1	1988.0	-	-
498646.0	94.7	18	3	1510.0	1403.0	1217.0
23335.0	87.1	18	3	1954.0	1261.0	1942.0
175864.0	78.4	18	2	1892.0	1112.0	-
327305.0	84.1	18	3	1604.0	1635.0	1696.0
479177.0	95.0	18	3	1418.0	1956.0	1703.0
4627.0	92.1	18	3	1545.0	1727.0	1010.0
157355.0	60.0	18	1	1926.0	-	-
310060.0	65.2	18	1	1937.0	-	-
461194.0	87.3	18	3	1145.0	1874.0	1060.0
614441.0	80.7	18	2	1979.0	1017.0	-
138084.0	91.2	18	3	1147.0	1207.0	1667.0
290466.0	80.7	18	2	1823.0	1809.0	-
444170.0	63.5	18	1	1637.0	-	-
596995.0	65.6	18	1	1590.0	-	-
119190.0	98.7	18	3	1175.0	1879.0	1736.0
271991.0	75.4	18	2	1260.0	1716.0	-

Type 5 Radar Waveform_18

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
448925.0	51.4	18	1	1811.0	-	-
610602.0	65.4	18	1	1344.0	-	-
106061.0	84.2	18	3	1719.0	1384.0	1862.0
267998.0	60.3	18	1	1357.0	-	-
427455.0	92.4	18	3	1557.0	1606.0	1140.0
590904.0	65.4	18	1	1144.0	-	-
86708.0	51.9	18	1	1784.0	-	-
247941.0	57.1	18	1	1843.0	-	-
407770.0	86.7	18	3	1327.0	1189.0	1621.0
570886.0	64.6	18	1	1302.0	-	-
66876.0	51.4	18	1	1474.0	-	-
228043.0	64.3	18	1	1950.0	-	-
387515.0	96.2	18	3	1884.0	1682.0	1359.0
551049.0	66.6	18	1	1254.0	-	-
46855.0	80.2	18	2	1919.0	1659.0	-
208330.0	57.4	18	1	1486.0	-	-
368751.0	73.4	18	2	1968.0	1149.0	-
528521.0	90.4	18	3	1700.0	1008.0	1865.0

Type 5 Radar Waveform_19

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
30353.0	98.7	15	3	1939.0	1904.0	1987.0
212028.0	59.7	15	1	1626.0	-	-
392943.0	67.1	15	2	1001.0	1746.0	-
575257.0	56.7	15	1	1339.0	-	-
8155.0	76.3	15	2	1451.0	1290.0	-
189169.0	73.5	15	2	1674.0	1934.0	-
371337.0	53.6	15	1	1300.0	-	-
553103.0	56.4	15	1	1053.0	-	-
731580.0	89.9	15	3	1276.0	1365.0	1639.0
166976.0	73.0	15	2	1574.0	1565.0	-
348752.0	64.7	15	1	1768.0	-	-
529040.0	67.3	15	2	1789.0	1647.0	-
712114.0	62.6	15	1	1324.0	-	-
144798.0	78.3	15	2	1218.0	1228.0	-
326561.0	50.9	15	1	1398.0	-	-
507264.0	71.7	15	2	1611.0	1048.0	-

Type 5 Radar Waveform_20

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1003452.0	53.7	8	1	1729.0	-	-
178482.0	57.0	8	1	1419.0	-	-
442010.0	72.6	8	2	1952.0	1209.0	-
705178.0	89.2	8	3	1154.0	1232.0	1769.0
970052.0	70.0	8	2	1577.0	1118.0	-
145714.0	79.2	8	2	1771.0	1294.0	-
409057.0	85.2	8	3	1449.0	1356.0	1571.0
673454.0	71.2	8	2	1362.0	1595.0	-
936329.0	97.5	8	3	1854.0	1078.0	1171.0
113297.0	80.4	8	2	1031.0	1249.0	-
376445.0	90.7	8	3	1807.0	1683.0	1325.0

Type 5 Radar Waveform_21

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
390044.0	95.8	18	3	1434.0	1607.0	1564.0
551884.0	69.1	18	2	1469.0	1610.0	-
49300.0	70.7	18	2	1119.0	1113.0	-
210663.0	50.4	18	1	1550.0	-	-
370811.0	83.8	18	3	1242.0	1055.0	1333.0
533248.0	57.3	18	1	1597.0	-	-
29424.0	73.1	18	2	1785.0	1052.0	-
190470.0	67.0	18	2	1259.0	1417.0	-
350575.0	88.9	18	3	1806.0	1519.0	1115.0
513294.0	58.3	18	1	1708.0	-	-
9559.0	94.8	18	3	1764.0	1777.0	1583.0
170308.0	89.2	18	3	1478.0	1169.0	1295.0
332508.0	60.7	18	1	1002.0	-	-
493556.0	56.7	18	1	1537.0	-	-
651458.0	85.9	18	3	1852.0	1179.0	1972.0
150574.0	75.5	18	2	1761.0	1899.0	-
311534.0	78.9	18	2	1526.0	1793.0	-
471669.0	92.4	18	3	1609.0	1512.0	1248.0

Type 5 Radar Waveform_22

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
877864.0	69.4	11	2	1602.0	1958.0	-
181809.0	52.0	11	1	1278.0	-	-
404598.0	73.1	11	2	1995.0	1047.0	-
628849.0	63.3	11	1	1411.0	-	-
850629.0	74.4	11	2	1684.0	1622.0	-
154198.0	62.8	11	1	1712.0	-	-
377397.0	73.2	11	2	1269.0	1080.0	-
598722.0	84.8	11	3	2000.0	1523.0	1861.0
821915.0	84.3	11	3	1127.0	1673.0	1888.0
126409.0	70.4	11	2	1732.0	1903.0	-
349526.0	69.4	11	2	1596.0	1713.0	-
572935.0	74.5	11	2	1323.0	1446.0	-
794364.0	95.9	11	3	1951.0	1077.0	1792.0

Type 5 Radar Waveform_23

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
75800.0	59.3	16	1	1483.0	-	-
245822.0	96.0	16	3	1111.0	1681.0	1027.0
416715.0	82.8	16	2	1065.0	1706.0	-
588323.0	57.8	16	1	1477.0	-	-
54520.0	87.4	16	3	1664.0	1122.0	1742.0
225088.0	69.2	16	2	1762.0	1307.0	-
395803.0	72.5	16	2	1402.0	1204.0	-
566268.0	81.0	16	2	1623.0	1110.0	-
33709.0	60.0	16	1	1582.0	-	-
203617.0	89.5	16	3	1991.0	1416.0	1298.0
375487.0	61.3	16	1	1305.0	-	-
546494.0	62.0	16	1	1143.0	-	-
12675.0	63.4	16	1	1191.0	-	-
183596.0	59.0	16	1	1150.0	-	-
353506.0	67.9	16	2	1978.0	1180.0	-
524961.0	61.9	16	1	1786.0	-	-
694151.0	82.4	16	2	1906.0	1475.0	-

Type 5 Radar Waveform_24

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
183337.0	84.2	14	3	1665.0	1685.0	1758.0
377602.0	53.7	14	1	1982.0	-	-
571432.0	56.2	14	1	1585.0	-	-
764344.0	78.9	14	2	1032.0	1312.0	-
159893.0	78.0	14	2	1721.0	1878.0	-
353139.0	78.3	14	2	1408.0	1981.0	-
546616.0	67.5	14	2	1464.0	1525.0	-
739718.0	82.4	14	2	1343.0	1859.0	-
136009.0	94.7	14	3	1699.0	1030.0	1410.0
330286.0	57.8	14	1	1102.0	-	-
523296.0	77.3	14	2	1223.0	1018.0	-
715661.0	99.0	14	3	1069.0	1352.0	1064.0
112379.0	73.0	14	2	1676.0	1426.0	-
306201.0	52.7	14	1	1671.0	-	-
498184.0	97.6	14	3	1066.0	1572.0	1648.0

Type 5 Radar Waveform_25

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
577474.0	64.4	17	1	1846.0	-	-
73883.0	62.4	17	1	1933.0	-	-
234153.0	85.4	17	3	1927.0	1252.0	1437.0
395017.0	93.3	17	3	1633.0	1059.0	1428.0
557161.0	77.9	17	2	1120.0	1265.0	-
53774.0	98.9	17	3	1997.0	1915.0	1100.0
214492.0	98.5	17	3	1132.0	1949.0	1172.0
376865.0	56.3	17	1	1222.0	-	-
537967.0	56.4	17	1	1579.0	-	-
34213.0	61.3	17	1	1022.0	-	-
195447.0	59.4	17	1	1722.0	-	-
356808.0	62.5	17	1	1552.0	-	-
518190.0	61.8	17	1	1461.0	-	-
14308.0	51.3	17	1	1917.0	-	-
175733.0	61.0	17	1	1152.0	-	-
337164.0	53.8	17	1	1107.0	-	-
498268.0	55.3	17	1	1527.0	-	-
657887.0	72.8	17	2	1882.0	1358.0	-

Type 5 Radar Waveform_26

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
280613.0	51.8	8	1	1724.0	-	-
570138.0	86.2	8	3	1019.0	1536.0	1465.0
862048.0	65.7	8	1	1453.0	-	-
1150921.0	68.2	8	2	1587.0	1749.0	-
244561.0	66.9	8	2	1166.0	1801.0	-
534878.0	81.3	8	2	1345.0	1625.0	-
825650.0	67.6	8	2	1072.0	1239.0	-
1116502.0	65.3	8	1	1909.0	-	-
208752.0	75.5	8	2	1797.0	1448.0	-
498301.0	92.8	8	3	1974.0	1944.0	1011.0

Type 5 Radar Waveform_27

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
790182.0	61.3	7	1	1837.0	-	-
1078244.0	95.3	7	3	1586.0	1186.0	1870.0
173028.0	82.0	7	2	1081.0	1973.0	-
462892.0	87.0	7	3	1544.0	1493.0	1135.0
752491.0	86.8	7	3	1397.0	1871.0	1581.0
1045431.0	63.8	7	1	1320.0	-	-
137135.0	97.7	7	3	1039.0	1787.0	1405.0
428175.0	50.9	7	1	1353.0	-	-
718116.0	73.6	7	2	1470.0	1163.0	-
1008157.0	74.6	7	2	1829.0	1230.0	-

Type 5 Radar Waveform_28

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
56180.0	84.1	18	3	1638.0	1421.0	1178.0
216672.0	83.5	18	3	1894.0	1176.0	1680.0
377571.0	85.8	18	3	1584.0	1007.0	1522.0
537813.0	97.5	18	3	1503.0	1262.0	1900.0
36378.0	99.9	18	3	1485.0	1516.0	1462.0
197308.0	67.6	18	2	1901.0	1471.0	-
358118.0	68.6	18	2	1914.0	1568.0	-
520213.0	65.8	18	1	1883.0	-	-
16662.0	55.7	18	1	1788.0	-	-
177669.0	81.1	18	2	1123.0	1589.0	-
337674.0	83.6	18	3	1989.0	1087.0	1645.0
500277.0	54.0	18	1	1984.0	-	-
660569.0	72.0	18	2	1877.0	1026.0	-
157700.0	76.1	18	2	1534.0	1740.0	-
318607.0	71.1	18	2	1613.0	1634.0	-
480550.0	66.6	18	1	1804.0	-	-
640932.0	81.8	18	2	1533.0	1170.0	-
137730.0	96.2	18	3	1889.0	1093.0	1024.0

Type 5 Radar Waveform_29

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
489512.0	95.5	9	3	1139.0	1313.0	1559.0
754619.0	54.1	9	1	1845.0	-	-
1017779.0	75.7	9	2	1524.0	1361.0	-
193870.0	62.6	9	1	1563.0	-	-
457369.0	73.4	9	2	1923.0	1309.0	-
722440.0	55.7	9	1	1308.0	-	-
983936.0	95.0	9	3	1288.0	1783.0	1293.0
161378.0	61.1	9	1	1212.0	-	-
424877.0	79.4	9	2	1266.0	1960.0	-
688774.0	72.4	9	2	1515.0	1554.0	-
952082.0	75.7	9	2	1774.0	1898.0	-

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	5508	5652	5397	5602	5262
5	5632	5495	5613	5276	5654
10	5550	5479	5565	5460	5388
15	5599	5332	5718	5343	5693
20	5453	5393	5457	5318	5672
25	5413	5285	5574	5296	5293
30	5422	5723	5428	5700	5500
35	5597	5605	5588	5514	5689
40	5516	5720	5321	5426	5568
45	5359	5366	5604	5716	5411
50	5418	5655	5365	5445	5277
55	5671	5646	5664	5708	5482
60	5649	5398	5590	5307	5624
65	5452	5380	5651	5351	5284
70	5483	5593	5570	5389	5465
75	5414	5431	5562	5260	5392
80	5385	5402	5621	5578	5264
85	5642	5674	5564	5464	5278
90	5703	5661	5499	5683	5582
95	5314	5309	5496	5506	5458

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5666	5416	5333	5288	5482
5	5674	5420	5688	5439	5386
10	5481	5268	5606	5655	5409
15	5590	5459	5724	5291	5410
20	5461	5462	5398	5310	5645
25	5679	5709	5302	5400	5327
30	5561	5612	5385	5440	5652
35	5320	5364	5696	5384	5667
40	5603	5355	5425	5259	5531
45	5423	5497	5698	5442	5424
50	5657	5287	5594	5706	5551
55	5273	5465	5625	5312	5538
60	5362	5647	5705	5513	5253
65	5436	5573	5488	5687	5446
70	5532	5356	5486	5504	5569
75	5529	5358	5585	5323	5395
80	5683	5672	5516	5448	5399
85	5341	5578	5581	5702	5485
90	5542	5313	5337	5284	5443
95	5695	5353	5576	5263	5566

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5446	5655	5269	5449	5324
5	5716	5442	5288	5505	5690
10	5315	5629	5647	5375	5430
15	5678	5489	5352	5336	5602
20	5469	5628	5436	5399	5618
25	5567	5561	5504	5361	5603
30	5598	5342	5426	5615	5503
35	5312	5345	5517	5669	5508
40	5575	5296	5420	5329	5581
45	5525	5385	5710	5393	5638
50	5295	5282	5640	5566	5692
55	5653	5579	5405	5662	5509
60	5491	5337	5539	5537	5339
65	5637	5522	5524	5422	5335
70	5370	5586	5353	5448	5488
75	5705	5369	5376	5460	5307
80	5297	5623	5511	5396	5536
85	5481	5423	5665	5677	5507
90	5364	5585	5482	5608	5632
95	5685	5533	5318	5520	5589

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5701	5419	5680	5610	5544
5	5283	5367	5363	5668	5422
10	5721	5418	5688	5570	5451
15	5291	5616	5455	5381	5319
20	5380	5697	5377	5391	5591
25	5358	5510	5708	5608	5395
30	5645	5487	5299	5298	5578
35	5338	5642	5403	5548	5595
40	5528	5605	5513	5536	5417
45	5258	5561	5443	5288	5280
50	5471	5333	5254	5292	5539
55	5366	5533	5481	5480	5620
60	5502	5581	5466	5640	5717
65	5463	5613	5597	5453	5589
70	5677	5424	5447	5674	5350
75	5512	5454	5712	5320	5553
80	5312	5671	5296	5353	5384
85	5362	5250	5297	5375	5318
90	5261	5302	5343	5666	5495
95	5550	5373	5631	5461	5623

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5481	5658	5616	5296	5386
5	5422	5389	5438	5356	5629
10	5652	5682	5351	5668	5472
15	5379	5268	5558	5426	5511
20	5388	5318	5480	5564	5721
25	5362	5436	5334	5429	5687
30	5376	5256	5513	5352	5633
35	5684	5591	5344	5273	5442
40	5444	5674	5451	5301	5414
45	5565	5541	5691	5501	5341
50	5545	5293	5647	5384	5343
55	5590	5483	5457	5390	5310
60	5300	5667	5526	5298	5563
65	5663	5661	5420	5499	5464
70	5403	5416	5291	5439	5689
75	5400	5406	5546	5470	5435
80	5489	5430	5476	5259	5548
85	5679	5688	5340	5272	5509
90	5500	5463	5349	5603	5377
95	5331	5664	5428	5615	5578

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5639	5422	5552	5457	5606
5	5464	5314	5513	5519	5458
10	5486	5471	5392	5388	5493
15	5370	5395	5661	5374	5325
20	5396	5356	5472	5537	5609
25	5689	5542	5438	5463	5351
30	5362	5688	5253	5504	5348
35	5682	5615	5426	5283	5379
40	5389	5444	5508	5494	5521
45	5299	5462	5394	5432	5644
50	5435	5529	5413	5330	5645
55	5344	5500	5497	5306	5357
60	5605	5706	5387	5369	5296
65	5295	5694	5363	5425	5692
70	5375	5376	5365	5515	5701
75	5416	5443	5590	5543	5322
80	5290	5268	5287	5273	5584
85	5683	5323	5282	5320	5628
90	5355	5637	5259	5440	5681
95	5483	5696	5476	5354	5446

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5419	5661	5488	5618	5448
5	5506	5336	5588	5682	5665
10	5417	5260	5433	5583	5514
15	5458	5522	5667	5517	5307
20	5623	5297	5561	5510	5400
25	5638	5270	5542	5497	5393
30	5251	5645	5468	5278	5651
35	5487	5298	5508	5579	5367
40	5597	5462	5327	5684	5505
45	5423	5501	5382	5520	5447
50	5697	5524	5486	5711	5274
55	5358	5690	5316	5296	5435
60	5416	5437	5312	5652	5685
65	5318	5474	5565	5532	5411
70	5317	5602	5352	5324	5387
75	5613	5369	5397	5421	5553
80	5371	5707	5385	5287	5463
85	5460	5301	5648	5277	5530
90	5518	5361	5574	5519	5549
95	5698	5538	5680	5374	5457

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5674	5425	5424	5304	5668
5	5548	5261	5663	5273	5397
10	5348	5621	5474	5303	5535
15	5546	5552	5295	5464	5709
20	5315	5692	5713	5553	5483
25	5288	5490	5473	5646	5531
30	5435	5615	5602	5586	5430
35	5471	5626	5389	5354	5281
40	5436	5545	5265	5449	5502
45	5255	5481	5562	5578	5403
50	5584	5299	5700	5537	5707
55	5437	5596	5252	5405	5610
60	5267	5564	5687	5458	5269
65	5613	5598	5411	5510	5338
70	5360	5678	5604	5494	5320
75	5451	5328	5283	5356	5258
80	5415	5378	5673	5627	5396
85	5284	5280	5665	5302	5296
90	5493	5516	5608	5401	5561
95	5715	5496	5664	5272	5560

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5454	5664	5360	5368	5510
5	5687	5283	5263	5436	5701
10	5657	5410	5515	5498	5556
15	5634	5679	5398	5509	5426
20	5323	5383	5276	5642	5456
25	5554	5439	5676	5372	5565
30	5574	5601	5559	5326	5669
35	5668	5480	5575	5507	5670
40	5250	5678	5592	5499	5659
45	5461	5645	5539	5374	5650
50	5401	5588	5321	5260	5540
55	5259	5681	5595	5429	5616
60	5693	5377	5403	5673	5544
65	5709	5691	5449	5548	5252
70	5481	5300	5682	5717	5325
75	5378	5558	5359	5450	5408
80	5560	5608	5475	5568	5716
85	5282	5551	5536	5648	5470
90	5661	5257	5270	5267	5637
95	5663	5662	5587	5302	5311

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5709	5428	5296	5529	5255
5	5254	5683	5338	5599	5433
10	5588	5674	5556	5596	5577
15	5625	5331	5501	5457	5618
20	5549	5692	5634	5429	5442
25	5291	5404	5476	5616	5490
30	5516	5541	5356	5489	5332
35	5668	5371	5660	5681	5686
40	5333	5519	5357	5496	5491
45	5344	5253	5597	5509	5261
50	5526	5639	5410	5558	5387
55	5447	5635	5688	5626	5587
60	5347	5542	5348	5505	5362
65	5435	5640	5485	5380	5522
70	5284	5370	5466	5423	5624
75	5658	5676	5672	5498	5604
80	5340	5702	5311	5664	5627
85	5671	5656	5670	5471	5697
90	5305	5349	5324	5259	5579
95	5543	5304	5606	5482	5585

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5392	5667	5707	5690	5572
5	5296	5705	5413	5287	5640
10	5519	5463	5597	5316	5598
15	5713	5458	5604	5502	5335
20	5717	5618	5633	5723	5402
25	5708	5510	5580	5658	5476
30	5473	5281	5605	5687	5471
35	5284	5264	5435	5595	5525
40	5416	5457	5590	5420	5324
45	5336	5655	5562	5526	5305
50	5278	5596	5381	5331	5538
55	5589	5403	5445	5558	5379
60	5293	5337	5663	5533	5258
65	5424	5414	5442	5549	5426
70	5376	5634	5635	5641	5521
75	5272	5321	5382	5421	5259
80	5653	5390	5400	5282	5314
85	5475	5554	5503	5482	5613
90	5425	5388	5661	5498	5394
95	5680	5251	5301	5584	5649

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5647	5431	5643	5376	5317
5	5338	5630	5488	5353	5469
10	5252	5638	5511	5619	5326
15	5585	5610	5547	5527	5250
20	5309	5574	5715	5375	5596
25	5567	5713	5684	5667	5322
30	5365	5430	5399	5282	5507
35	5513	5535	5588	5509	5364
40	5499	5395	5362	5587	5349
45	5304	5419	5616	5615	5413
50	5656	5454	5266	5685	5582
55	5653	5251	5543	5593	5264
60	5529	5508	5397	5335	5644
65	5489	5479	5459	5538	5460
70	5422	5268	5611	5526	5700
75	5594	5641	5318	5302	5634
80	5434	5701	5480	5650	5374
85	5339	5720	5592	5657	5723
90	5277	5668	5550	5425	5405
95	5716	5319	5436	5477	5497

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5427	5670	5579	5537	5634
5	5477	5652	5466	5516	5676
10	5284	5301	5706	5640	5414
15	5615	5713	5495	5719	5636
20	5378	5612	5329	5348	5484
25	5419	5441	5410	5701	5364
30	5254	5387	5614	5531	5705
35	5331	5266	5520	5300	5679
40	5333	5505	5584	5656	5502
45	5674	5668	5678	5532	5630
50	5317	5299	5405	5597	5439
55	5497	5308	5461	5403	5637
60	5562	5280	5476	5412	5522
65	5660	5487	5496	5632	5576
70	5546	5683	5521	5529	5549
75	5586	5553	5482	5286	5380
80	5411	5544	5644	5647	5402
85	5277	5305	5309	5622	5292
90	5572	5358	5591	5567	5534
95	5422	5296	5303	5334	5359

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5682	5531	5515	5698	5379
5	5519	5577	5541	5679	5408
10	5593	5402	5342	5426	5661
15	5405	5267	5341	5540	5533
20	5644	5544	5553	5321	5275
25	5368	5514	5260	5406	5715
30	5344	5354	5683	5525	5316
35	5557	5699	5516	5434	5614
40	5287	5271	5270	5581	5585
45	5264	5257	5624	5565	5331
50	5388	5703	5444	5627	5451
55	5498	5280	5374	5291	5252
60	5700	5713	5468	5483	5436
65	5435	5464	5371	5349	5377
70	5507	5629	5398	5562	5512
75	5361	5663	5654	5263	5711
80	5545	5597	5277	5268	5404
85	5490	5343	5269	5295	5523
90	5521	5352	5546	5536	5351
95	5707	5338	5421	5393	5412

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5365	5295	5451	5384	5696
5	5561	5599	5616	5367	5615
10	5524	5666	5383	5682	5493
15	5394	5444	5585	5250	5652
20	5613	5494	5410	5294	5638
25	5695	5372	5618	5672	5545
30	5604	5301	5569	5457	5345
35	5455	5648	5495	5669	5348
40	5453	5370	5684	5510	5578
45	5417	5719	5668	5315	5677
50	5355	5662	5507	5419	5574
55	5526	5388	5340	5405	5688
60	5420	5267	5712	5636	5414
65	5385	5471	5674	5641	5627
70	5449	5590	5632	5722	5441
75	5323	5429	5650	5342	5440
80	5667	5519	5400	5705	5544
85	5317	5655	5437	5328	5596
90	5297	5517	5603	5555	5709
95	5553	5406	5368	5605	5331

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5620	5534	5387	5448	5441
5	5603	5621	5691	5433	5444
10	5455	5424	5719	5703	5581
15	5521	5547	5630	5442	5563
20	5304	5532	5402	5267	5429
25	5478	5722	5706	5587	5493
30	5636	5687	5609	5543	5497
35	5361	5291	5347	5359	5292
40	5453	5622	5275	5672	5346
45	5602	5276	5255	5717	5538
50	5683	5470	5663	5252	5710
55	5528	5403	5393	5316	5452
60	5582	5544	5462	5457	5507
65	5334	5506	5533	5430	5618
70	5576	5257	5474	5417	5670
75	5549	5318	5323	5692	5302
80	5300	5564	5293	5541	5512
85	5558	5279	5348	5290	5313
90	5378	5492	5591	5667	5570
95	5461	5352	5600	5674	5337

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5400	5298	5323	5609	5283
5	5267	5546	5291	5596	5651
10	5289	5719	5465	5439	5724
15	5669	5648	5553	5578	5634
20	5571	5373	5473	5491	5715
25	5317	5496	5681	5351	5265
30	5629	5479	5593	5427	5383
35	5363	5636	5452	5562	5597
40	5273	5606	5633	5560	5418
45	5275	5582	5359	5334	5308
50	5507	5414	5384	5521	5277
55	5550	5654	5716	5691	5590
60	5665	5581	5272	5632	5376
65	5288	5403	5708	5446	5328
70	5611	5690	5260	5393	5389
75	5639	5364	5304	5372	5315
80	5556	5253	5356	5538	5707
85	5558	5408	5666	5302	5608
90	5543	5712	5526	5301	5587
95	5516	5336	5498	5653	5440

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5655	5537	5259	5295	5503
5	5309	5568	5366	5284	5383
10	5695	5508	5506	5634	5270
15	5660	5678	5656	5623	5351
20	5579	5539	5414	5483	5688
25	5583	5348	5409	5552	5299
30	5671	5368	5550	5642	5535
35	5561	5300	5543	5455	5275
40	5662	5542	5716	5401	5658
45	5666	5582	5562	5442	5392
50	5361	5394	5290	5560	5572
55	5373	5501	5332	5645	5686
60	5636	5710	5437	5577	5305
65	5349	5531	5707	5482	5548
70	5287	5263	5647	5369	5608
75	5314	5507	5285	5624	5425
80	5337	5320	5419	5524	5461
85	5600	5631	5256	5689	5331
90	5708	5718	5258	5410	5604
95	5571	5417	5396	5360	5676

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5435	5301	5670	5456	5345
5	5351	5493	5441	5447	5687
10	5626	5394	5547	5354	5291
15	5273	5330	5284	5668	5543
20	5490	5705	5452	5572	5661
25	5471	5297	5612	5656	5333
30	5335	5507	5382	5309	5381
35	5342	5634	5251	5428	5673
40	5324	5339	5423	5663	5511
45	5542	5525	5353	5414	5659
50	5544	5261	5623	5552	5671
55	5445	5520	5599	5401	5703
60	5607	5364	5602	5619	5512
65	5295	5257	5421	5283	5692
70	5631	5363	5496	5307	5480
75	5434	5553	5266	5535	5593
80	5484	5579	5532	5719	5377
85	5374	5695	5499	5462	5398
90	5724	5497	5518	5422	5718
95	5294	5514	5646	5558	5296

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5593	5540	5606	5617	5565
5	5490	5515	5516	5513	5419
10	5460	5658	5588	5452	5312
15	5361	5457	5387	5713	5260
20	5498	5299	5393	5564	5634
25	5359	5624	5340	5285	5367
30	5377	5718	5464	5500	5461
35	5579	5481	5250	5522	5678
40	5587	5695	5504	5277	5566
45	5660	5343	5608	5411	5370
50	5546	5420	5437	5674	5641
55	5397	5292	5708	5553	5591
60	5425	5578	5493	5444	5435
65	5338	5458	5605	5590	5495
70	5528	5366	5723	5699	5266
75	5449	5696	5722	5653	5548
80	5374	5648	5642	5432	5439
85	5364	5316	5337	5412	5261
90	5710	5349	5563	5255	5531
95	5400	5681	5385	5667	5396

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5373	5304	5542	5303	5407
5	5532	5440	5591	5676	5626
10	5391	5447	5251	5647	5333
15	5449	5584	5490	5661	5452
20	5506	5465	5334	5653	5607
25	5625	5476	5446	5389	5401
30	5419	5421	5715	5710	5399
35	5620	5438	5415	5356	5501
40	5534	5587	5690	5331	5279
45	5272	5502	5691	5469	5423
50	5336	5296	5613	5250	5255
55	5695	5711	5507	5306	5719
60	5622	5457	5509	5276	5261
65	5284	5281	5554	5493	5422
70	5652	5298	5697	5603	5466
75	5572	5675	5700	5321	5577
80	5267	5703	5430	5658	5630
85	5337	5705	5429	5634	5633
90	5397	5604	5332	5312	5483
95	5644	5253	5358	5468	5660

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5628	5543	5478	5464	5627
5	5574	5462	5666	5364	5455
10	5322	5711	5292	5367	5354
15	5440	5496	5706	5266	5417
20	5534	5372	5645	5580	5513
25	5425	5649	5590	5435	5558
30	5593	5378	5387	5597	5284
35	5529	5686	5509	5512	5470
40	5670	5571	5276	5676	5385
45	5299	5430	5476	5698	5647
50	5314	5301	5344	5518	5609
55	5461	5538	5423	5654	5622
60	5454	5583	5562	5705	5482
65	5503	5432	5632	5447	5576
70	5294	5589	5469	5421	5651
75	5659	5290	5697	5410	5684
80	5585	5293	5411	5404	5390
85	5426	5451	5475	5360	5699
90	5297	5256	5418	5502	5542
95	5652	5316	5450	5560	5257

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5408	5307	5414	5625	5469
5	5616	5387	5266	5527	5662
10	5631	5500	5333	5562	5375
15	5528	5599	5276	5458	5425
20	5700	5313	5259	5553	5304
25	5277	5377	5694	5600	5482
30	5335	5670	5636	5417	5326
35	5620	5284	5426	5309	5278
40	5566	5336	5273	5508	5365
45	5382	5488	5529	5490	5352
50	5433	5341	5502	5322	5415
55	5686	5357	5394	5308	5312
60	5496	5512	5485	5305	5452
65	5468	5464	5339	5282	5463
70	5672	5569	5270	5627	5618
75	5637	5342	5456	5287	5362
80	5306	5667	5568	5453	5423
85	5646	5645	5323	5416	5640
90	5317	5504	5565	5583	5370
95	5439	5424	5286	5371	5434

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5566	5546	5350	5689	5280
5	5409	5341	5593	5394	5562
10	5386	5374	5282	5396	5616
15	5393	5702	5699	5650	5433
20	5294	5254	5251	5526	5667
25	5701	5580	5323	5503	5642
30	5371	5292	5313	5712	5465
35	5711	5278	5437	5340	5623
40	5458	5504	5479	5270	5345
45	5582	5375	5302	5666	5403
50	5619	5542	5446	5413	5369
55	5304	5554	5365	5477	5441
60	5344	5311	5694	5506	5498
65	5407	5674	5609	5560	5535
70	5658	5572	5594	5603	5480
75	5606	5599	5268	5614	5416
80	5448	5257	5516	5420	5366
85	5548	5256	5383	5511	5605
90	5271	5277	5385	5273	5376
95	5473	5684	5395	5425	5426

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5346	5310	5286	5375	5531
5	5322	5334	5416	5281	5698
10	5396	5650	5415	5380	5417
15	5704	5520	5330	5269	5367
20	5344	5460	5292	5340	5499
25	5458	5553	5308	5427	5537
30	5306	5357	5724	5528	5562
35	5435	5604	5327	5646	5590
40	5351	5462	5541	5345	5719
45	5267	5325	5548	5507	5635
50	5640	5653	5270	5454	5708
55	5365	5293	5601	5323	5494
60	5373	5714	5566	5642	5386
65	5651	5612	5329	5447	5443
70	5506	5404	5363	5644	5672
75	5579	5439	5478	5485	5391
80	5429	5421	5320	5561	5573
85	5703	5473	5525	5583	5438
90	5382	5410	5407	5442	5481
95	5254	5572	5314	5515	5369

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5601	5549	5697	5536	5276
5	5364	5356	5491	5444	5430
10	5327	5439	5456	5575	5438
15	5317	5647	5433	5314	5559
20	5352	5529	5708	5332	5472
25	5346	5405	5414	5628	5571
30	5348	5721	5681	5268	5714
35	5255	5646	5515	5442	5365
40	5265	5301	5624	5283	5484
45	5361	5673	5305	5631	5565
50	5591	5527	5432	5446	5505
55	5322	5663	5712	5277	5684
60	5667	5685	5695	5331	5483
65	5535	5586	5530	5396	5479
70	5716	5296	5641	5252	5675
75	5670	5458	5398	5447	5605
80	5313	5705	5643	5539	5485
85	5488	5264	5281	5451	5512
90	5406	5420	5676	5403	5603
95	5351	5516	5459	5627	5454

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5381	5313	5633	5697	5593
5	5406	5281	5566	5607	5637
10	5258	5703	5497	5295	5459
15	5308	5677	5439	5359	5276
20	5360	5695	5649	5421	5445
25	5612	5354	5617	5257	5605
30	5390	5610	5638	5483	5488
35	5453	5310	5606	5713	5518
40	5654	5712	5329	5696	5724
45	5358	5602	5285	5714	5623
50	5644	5317	5622	5556	5411
55	5486	5559	5502	5706	5399
60	5389	5656	5252	5373	5315
65	5361	5629	5256	5345	5418
70	5548	5444	5470	5678	5519
75	5434	5357	5416	5250	5456
80	5686	5420	5266	5652	5327
85	5314	5573	5369	5515	5306
90	5449	5601	5293	5491	5478
95	5708	5528	5591	5467	5525

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5636	5552	5569	5383	5338
5	5545	5303	5641	5295	5466
10	5567	5492	5538	5490	5480
15	5396	5329	5542	5307	5468
20	5271	5289	5590	5413	5418
25	5500	5681	5345	5361	5639
30	5529	5596	5595	5601	5640
35	5273	5449	5697	5606	5671
40	5568	5551	5412	5634	5392
45	5355	5434	5265	5322	5584
50	5679	5659	5323	5607	5597
55	5309	5503	5690	5660	5589
60	5683	5627	5381	5662	5318
65	5719	5284	5575	5554	5294
70	5454	5283	5458	5625	5699
75	5368	5410	5316	5288	5370
80	5502	5667	5522	5341	5390
85	5311	5293	5354	5429	5707
90	5281	5421	5497	5415	5637
95	5646	5548	5520	5623	5256

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5319	5413	5505	5544	5655
5	5587	5703	5716	5361	5673
10	5498	5378	5676	5685	5501
15	5484	5456	5645	5352	5660
20	5279	5455	5628	5502	5391
25	5388	5630	5548	5465	5571
30	5485	5552	5341	5414	5471
35	5588	5313	5402	5446	5579
40	5390	5495	5572	5632	5363
45	5623	5405	5642	5275	5469
50	5535	5499	5658	5686	5510
55	5350	5403	5517	5304	5263
60	5551	5585	5521	5280	5718
65	5393	5590	5253	5428	5614
70	5306	5692	5386	5257	5648
75	5297	5303	5550	5308	5488
80	5610	5392	5327	5332	5470
85	5619	5503	5449	5375	5271
90	5607	5701	5532	5418	5294
95	5251	5454	5480	5267	5589

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5574	5652	5538	5705	5400
5	5629	5250	5316	5524	5405
10	5429	5642	5717	5308	5522
15	5572	5583	5273	5397	5474
20	5287	5621	5569	5494	5461
25	5654	5482	5276	5666	5707
30	5613	5471	5509	5556	5566
35	5291	5630	5404	5673	5599
40	5493	5704	5578	5510	5349
45	5670	5603	5488	5700	5328
50	5356	5314	5675	5709	5300
55	5333	5294	5591	5321	5472
60	5639	5517	5305	5383	5411
65	5564	5667	5325	5523	5706
70	5293	5406	5444	5362	5604
75	5513	5691	5407	5559	5683
80	5635	5452	5519	5579	5286
85	5718	5439	5313	5606	5386
90	5257	5283	5624	5281	5516
95	5354	5274	5575	5479	5584

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-03-17		
Test Item	Radar Statistical Performance Check (802.11ax-HE40 – 5510MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5520	1	5501	1	5521	1	5512	1
1	5527	1	5496	1	5494	1	5505	0
2	5504	1	5527	1	5521	1	5510	1
3	5510	1	5502	0	5514	1	5490	0
4	5502	1	5490	0	5529	1	5505	1
5	5508	1	5526	1	5516	1	5515	1
6	5490	1	5504	0	5502	1	5520	1
7	5522	1	5502	1	5517	0	5516	1
8	5511	1	5519	1	5524	1	5524	1
9	5498	1	5517	1	5490	0	5517	0
10	5506	1	5509	1	5510	1	5495	0
11	5527	1	5498	0	5516	1	5492	1
12	5491	1	5497	1	5520	1	5496	0
13	5525	1	5524	1	5492	1	5500	1
14	5509	1	5510	1	5525	1	5530	0
15	5511	1	5503	1	5515	1	5528	1
16	5499	1	5500	1	5503	0	5522	1
17	5514	1	5529	1	5494	0	5526	1
18	5517	1	5510	1	5512	0	5511	1
19	5528	1	5514	1	5502	1	5501	1
20	5510	1	5499	1	5530	0	5491	1
21	5525	1	5515	1	5506	1	5527	1
22	5496	1	5529	0	5507	1	5506	1
23	5507	1	5509	1	5520	1	5512	1
24	5496	1	5510	1	5529	1	5491	1
25	5508	1	5530	0	5509	1	5504	0
26	5527	1	5515	1	5525	0	5510	1

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
27	5518	1	5518	1	5506	1	5499	1
28	5501	1	5527	0	5520	1	5492	1
29	5530	1	5502	1	5504	1	5495	1
Probability:	100.0%		76.7%		76.7%		76.7%	
Aggregate:	**82.5% (>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	838.0	63	52794.0
Download	1	Type 1	1.0	858.0	62	53196.0
Download	2	Type 1	1.0	3066.0	18	55188.0
Download	3	Type 1	1.0	538.0	99	53262.0
Download	4	Type 1	1.0	818.0	65	53170.0
Download	5	Type 1	1.0	698.0	76	53048.0
Download	6	Type 1	1.0	578.0	92	53176.0
Download	7	Type 1	1.0	678.0	78	52884.0
Download	8	Type 1	1.0	618.0	86	53148.0
Download	9	Type 1	1.0	918.0	58	53244.0
Download	10	Type 1	1.0	758.0	70	53060.0
Download	11	Type 1	1.0	898.0	59	52982.0
Download	12	Type 1	1.0	798.0	67	53466.0
Download	13	Type 1	1.0	598.0	89	53222.0
Download	14	Type 1	1.0	778.0	68	52904.0
Download	15	Type 1	1.0	2484.0	22	54648.0
Download	16	Type 1	1.0	1090.0	49	53410.0
Download	17	Type 1	1.0	1861.0	29	53969.0
Download	18	Type 1	1.0	2337.0	23	53751.0
Download	19	Type 1	1.0	815.0	65	52975.0
Download	20	Type 1	1.0	2139.0	25	53475.0
Download	21	Type 1	1.0	1006.0	53	53318.0
Download	22	Type 1	1.0	1010.0	53	53530.0
Download	23	Type 1	1.0	2700.0	20	54000.0
Download	24	Type 1	1.0	2072.0	26	53872.0
Download	25	Type 1	1.0	1385.0	39	54015.0
Download	26	Type 1	1.0	2880.0	19	54720.0
Download	27	Type 1	1.0	2728.0	20	54560.0
Download	28	Type 1	1.0	781.0	68	53108.0
Download	29	Type 1	1.0	1451.0	37	53687.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	2.4	153.0	25	3825.0
Download	1	Type 2	3.1	163.0	26	4238.0
Download	2	Type 2	2.4	177.0	25	4425.0
Download	3	Type 2	3.4	176.0	27	4752.0
Download	4	Type 2	4.7	157.0	29	4553.0
Download	5	Type 2	4.7	214.0	29	6206.0
Download	6	Type 2	4.3	197.0	28	5516.0
Download	7	Type 2	1.0	201.0	23	4623.0
Download	8	Type 2	2.7	212.0	25	5300.0
Download	9	Type 2	4.2	208.0	28	5824.0
Download	10	Type 2	3.5	161.0	27	4347.0
Download	11	Type 2	1.8	159.0	24	3816.0
Download	12	Type 2	2.0	227.0	24	5448.0
Download	13	Type 2	2.2	205.0	25	5125.0
Download	14	Type 2	3.2	209.0	26	5434.0
Download	15	Type 2	3.4	171.0	27	4617.0
Download	16	Type 2	4.3	204.0	28	5712.0
Download	17	Type 2	1.1	202.0	23	4646.0
Download	18	Type 2	1.9	151.0	24	3624.0
Download	19	Type 2	4.9	174.0	29	5046.0
Download	20	Type 2	1.5	166.0	23	3818.0
Download	21	Type 2	1.5	165.0	23	3795.0
Download	22	Type 2	4.3	164.0	28	4592.0
Download	23	Type 2	4.5	195.0	29	5655.0
Download	24	Type 2	5.0	187.0	29	5423.0
Download	25	Type 2	2.3	162.0	25	4050.0
Download	26	Type 2	4.7	184.0	29	5336.0
Download	27	Type 2	3.6	168.0	27	4536.0
Download	28	Type 2	3.6	220.0	27	5940.0
Download	29	Type 2	2.6	203.0	25	5075.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.4	328.0	17	5576.0
Download	1	Type 3	8.1	376.0	17	6392.0
Download	2	Type 3	7.4	381.0	17	6477.0
Download	3	Type 3	8.4	427.0	17	7259.0
Download	4	Type 3	9.7	475.0	18	8550.0
Download	5	Type 3	9.7	304.0	18	5472.0
Download	6	Type 3	9.3	339.0	18	6102.0
Download	7	Type 3	6.0	218.0	16	3488.0
Download	8	Type 3	7.7	284.0	17	4828.0
Download	9	Type 3	9.2	331.0	18	5958.0
Download	10	Type 3	8.5	332.0	17	5644.0
Download	11	Type 3	6.8	434.0	16	6944.0
Download	12	Type 3	7.0	288.0	16	4608.0
Download	13	Type 3	7.2	205.0	16	3280.0
Download	14	Type 3	8.2	395.0	17	6715.0
Download	15	Type 3	8.4	412.0	17	7004.0
Download	16	Type 3	9.3	445.0	18	8010.0
Download	17	Type 3	6.1	293.0	16	4688.0
Download	18	Type 3	6.9	416.0	16	6656.0
Download	19	Type 3	9.9	354.0	18	6372.0
Download	20	Type 3	6.5	322.0	16	5152.0
Download	21	Type 3	6.5	444.0	16	7104.0
Download	22	Type 3	9.3	223.0	18	4014.0
Download	23	Type 3	9.5	473.0	18	8514.0
Download	24	Type 3	10.0	460.0	18	8280.0
Download	25	Type 3	7.3	343.0	16	5488.0
Download	26	Type 3	9.7	289.0	18	5202.0
Download	27	Type 3	8.6	448.0	17	7616.0
Download	28	Type 3	8.6	246.0	17	4182.0
Download	29	Type 3	7.6	440.0	17	7480.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	14.2	328.0	13	4264.0
Download	1	Type 4	15.6	376.0	14	5264.0
Download	2	Type 4	14.2	381.0	13	4953.0
Download	3	Type 4	16.4	427.0	14	5978.0
Download	4	Type 4	19.2	475.0	16	7600.0
Download	5	Type 4	19.2	304.0	16	4864.0
Download	6	Type 4	18.4	339.0	16	5424.0
Download	7	Type 4	11.2	218.0	12	2616.0
Download	8	Type 4	14.8	284.0	14	3976.0
Download	9	Type 4	18.2	331.0	15	4965.0
Download	10	Type 4	16.7	332.0	15	4980.0
Download	11	Type 4	12.7	434.0	12	5208.0
Download	12	Type 4	13.2	288.0	13	3744.0
Download	13	Type 4	13.7	205.0	13	2665.0
Download	14	Type 4	16.0	395.0	14	5530.0
Download	15	Type 4	16.4	412.0	15	6180.0
Download	16	Type 4	18.5	445.0	16	7120.0
Download	17	Type 4	11.4	293.0	12	3516.0
Download	18	Type 4	13.0	416.0	13	5408.0
Download	19	Type 4	19.8	354.0	16	5664.0
Download	20	Type 4	12.2	322.0	12	3864.0
Download	21	Type 4	12.2	444.0	12	5328.0
Download	22	Type 4	18.3	223.0	16	3568.0
Download	23	Type 4	18.8	473.0	16	7568.0
Download	24	Type 4	19.9	460.0	16	7360.0
Download	25	Type 4	14.0	343.0	13	4459.0
Download	26	Type 4	19.2	289.0	16	4624.0
Download	27	Type 4	16.8	448.0	15	6720.0
Download	28	Type 4	16.7	246.0	15	3690.0
Download	29	Type 4	14.7	440.0	14	6160.0

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	5495.6	1
1	5510	0	16	5497.2	1
2	5510	1	17	5492	1
3	5510	1	18	5493.2	1
4	5510	1	19	5498	1
5	5510	1	20	5527.2	1
6	5510	1	21	5527.2	0
7	5510	1	22	5523.2	1
8	5510	1	23	5522.8	1
9	5510	1	24	5522	1
10	5496	1	25	5526	1
11	5493.2	1	26	5522.4	1
12	5493.2	1	27	5524	1
13	5493.6	1	28	5524	1
14	5495.2	1	29	5525.6	1
Detection Percentage (%)			**93.3%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
594404.0	67.7	10	2	1948.0	1064.0	-
836690.0	75.8	10	2	1333.0	1101.0	-
81040.0	68.0	10	2	1193.0	1550.0	-
322660.0	80.0	10	2	1809.0	1696.0	-
564376.0	95.5	10	3	1074.0	1367.0	1002.0
804923.0	95.6	10	3	1468.0	1404.0	1992.0
51168.0	90.8	10	3	1181.0	1635.0	1486.0
293577.0	51.1	10	1	1169.0	-	-
534806.0	70.9	10	2	1309.0	1759.0	-
775238.0	89.9	10	3	1982.0	1816.0	1010.0
21465.0	81.4	10	2	1150.0	1163.0	-
263575.0	59.8	10	1	1783.0	-	-

Type 5 Radar Waveform_1

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
433647.0	62.2	13	1	1110.0	-	-
640915.0	65.0	13	1	1573.0	-	-
846744.0	77.7	13	2	1343.0	1918.0	-
200155.0	80.1	13	2	1378.0	1030.0	-
406182.0	91.4	13	3	1664.0	1846.0	1567.0
615368.0	52.3	13	1	1556.0	-	-
822667.0	61.0	13	1	1772.0	-	-
174104.0	98.7	13	3	1776.0	1959.0	1201.0
382112.0	56.6	13	1	1978.0	-	-
589862.0	56.8	13	1	1477.0	-	-
795442.0	90.4	13	3	1327.0	1104.0	1134.0
148737.0	92.9	13	3	1862.0	1159.0	1383.0
355671.0	99.1	13	3	1382.0	1183.0	1557.0
564562.0	66.6	13	1	1079.0	-	-

Type 5 Radar Waveform_2

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
897731.0	95.4	10	3	1988.0	1519.0	1245.0
144196.0	82.1	10	2	1132.0	1307.0	-
386063.0	81.8	10	2	1436.0	1191.0	-
627816.0	70.5	10	2	1412.0	1440.0	-
869664.0	67.4	10	2	1236.0	1606.0	-
114541.0	55.8	10	1	1158.0	-	-
355412.0	84.0	10	3	1991.0	1974.0	1057.0
598801.0	58.7	10	1	1560.0	-	-
841068.0	58.1	10	1	1425.0	-	-
84379.0	97.1	10	3	1880.0	1116.0	1965.0
326406.0	82.1	10	2	1465.0	1361.0	-
566781.0	98.8	10	3	1758.0	1742.0	1908.0

Type 5 Radar Waveform_3

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
649090.0	65.6	14	1	1016.0	-	-
43671.0	93.4	14	3	1303.0	1877.0	1729.0
237116.0	76.7	14	2	1444.0	1413.0	-
431119.0	58.6	14	1	1614.0	-	-
623089.0	88.8	14	3	1299.0	1297.0	1145.0
19927.0	86.5	14	3	1601.0	1688.0	1249.0
212803.0	84.2	14	3	1336.0	1585.0	1800.0
406050.0	83.5	14	3	1763.0	1124.0	1115.0
599883.0	78.3	14	2	1162.0	1805.0	-
791381.0	90.3	14	3	1960.0	1504.0	1320.0
188893.0	90.0	14	3	1847.0	1869.0	1645.0
381929.0	95.4	14	3	1401.0	1420.0	1890.0
575503.0	79.5	14	2	1790.0	1966.0	-
771234.0	55.8	14	1	1045.0	-	-
165967.0	64.8	14	1	1446.0	-	-

Type 5 Radar Waveform_4

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
283631.0	54.7	19	1	1799.0	-	-
436447.0	51.3	19	1	1692.0	-	-
588992.0	60.8	19	1	1930.0	-	-
111683.0	85.5	19	3	1165.0	1212.0	1631.0
264244.0	75.1	19	2	1782.0	1380.0	-
416250.0	80.9	19	2	1920.0	1853.0	-
569507.0	78.8	19	2	1041.0	1634.0	-
93257.0	50.1	19	1	1826.0	-	-
246298.0	58.6	19	1	1044.0	-	-
397758.0	69.4	19	2	1856.0	1500.0	-
551944.0	50.4	19	1	1276.0	-	-
74309.0	72.4	19	2	1022.0	1942.0	-
226714.0	75.6	19	2	1346.0	1769.0	-
378990.0	75.8	19	2	1685.0	1672.0	-
533001.0	53.5	19	1	1409.0	-	-
55627.0	56.9	19	1	1861.0	-	-
208063.0	80.6	19	2	1043.0	1697.0	-
359858.0	98.0	19	3	1263.0	1050.0	1680.0
511448.0	92.7	19	3	1372.0	1487.0	1893.0

Type 5 Radar Waveform_5

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
36647.0	86.7	19	3	1642.0	1970.0	1126.0
189196.0	67.6	19	2	1540.0	1467.0	-
342068.0	71.9	19	2	1202.0	1027.0	-
492227.0	98.1	19	3	1950.0	1821.0	1610.0
17971.0	68.0	19	2	1566.0	1390.0	-
170823.0	53.8	19	1	1514.0	-	-
323413.0	58.7	19	1	1944.0	-	-
476562.0	65.6	19	1	1358.0	-	-
626648.0	88.4	19	3	1353.0	1260.0	1511.0
151895.0	55.0	19	1	1949.0	-	-
303451.0	92.2	19	3	1613.0	1657.0	1054.0
455067.0	86.4	19	3	1956.0	1454.0	1621.0
607463.0	91.0	19	3	1622.0	1889.0	1067.0
133115.0	61.5	19	1	1808.0	-	-
284633.0	91.1	19	3	1555.0	1483.0	1461.0
437416.0	79.3	19	2	1753.0	1746.0	-
591524.0	57.3	19	1	1605.0	-	-
113822.0	97.3	19	3	1751.0	1108.0	1592.0
267137.0	61.5	19	1	1580.0	-	-

Type 5 Radar Waveform_6

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
443479.0	57.0	18	1	1342.0	-	-
603655.0	67.9	18	2	1418.0	1229.0	-
100521.0	86.8	18	3	1135.0	1542.0	1021.0
261071.0	93.2	18	3	1345.0	1929.0	1035.0
422692.0	68.1	18	2	1547.0	1226.0	-
582445.0	89.2	18	3	1604.0	1407.0	1197.0
80539.0	88.4	18	3	1544.0	1730.0	1868.0
242270.0	64.0	18	1	1602.0	-	-
403494.0	58.6	18	1	1725.0	-	-
565348.0	57.6	18	1	1037.0	-	-
61041.0	74.7	18	2	1261.0	1007.0	-
221533.0	83.4	18	3	1629.0	1365.0	1203.0
383675.0	59.3	18	1	1646.0	-	-
542532.0	97.5	18	3	1727.0	1600.0	1286.0
41015.0	86.9	18	3	1724.0	1881.0	1520.0
201944.0	69.1	18	2	1938.0	1599.0	-
361865.0	97.2	18	3	1757.0	1661.0	1779.0
524206.0	82.8	18	2	1473.0	1301.0	-

Type 5 Radar Waveform_7

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
48154.0	53.3	5	1	1033.0	-	-
410654.0	92.9	5	3	1641.0	1363.0	1840.0
774434.0	81.6	5	2	1298.0	1308.0	-
1138119.0	66.3	5	1	1921.0	-	-
3372.0	65.3	5	1	1659.0	-	-
365971.0	90.5	5	3	1280.0	1850.0	1780.0
728607.0	95.2	5	3	1255.0	1788.0	1806.0
1093649.0	66.5	5	1	1533.0	-	-

Type 5 Radar Waveform_8

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
894729.0	83.1	11	2	1857.0	1073.0	-
198116.0	59.4	11	1	1210.0	-	-
421751.0	60.9	11	1	1094.0	-	-
643225.0	84.5	11	3	1449.0	1693.0	1003.0
865059.0	96.6	11	3	1535.0	1855.0	1854.0
169869.0	96.3	11	3	1728.0	1708.0	1596.0
393898.0	59.7	11	1	1817.0	-	-
616578.0	69.0	11	2	1283.0	1660.0	-
838210.0	91.0	11	3	1990.0	1416.0	1213.0
142816.0	74.7	11	2	1114.0	1515.0	-
365087.0	100.0	11	3	1971.0	1470.0	1618.0
589279.0	74.5	11	2	1481.0	1167.0	-
813613.0	53.8	11	1	1400.0	-	-

Type 5 Radar Waveform_9

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
83374.0	58.8	17	1	1190.0	-	-
244348.0	79.7	17	2	1026.0	1319.0	-
404607.0	89.9	17	3	1058.0	1554.0	1142.0
567361.0	50.1	17	1	1437.0	-	-
63490.0	57.9	17	1	1224.0	-	-
224780.0	63.6	17	1	1523.0	-	-
385019.0	71.7	17	2	1422.0	1961.0	-
546288.0	82.8	17	2	1349.0	1546.0	-
43412.0	89.0	17	3	1431.0	1011.0	1819.0
204840.0	54.1	17	1	1747.0	-	-
364790.0	92.4	17	3	1384.0	1480.0	1270.0
525378.0	94.0	17	3	1305.0	1896.0	1056.0
23608.0	96.5	17	3	1946.0	1344.0	1373.0
184906.0	53.9	17	1	2000.0	-	-
346324.0	54.4	17	1	1587.0	-	-
505940.0	80.0	17	2	1973.0	1824.0	-
3838.0	90.7	17	3	1254.0	1222.0	1006.0
165068.0	52.6	17	1	1927.0	-	-

Type 5 Radar Waveform_10

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
366081.0	96.4	15	3	1462.0	1574.0	1155.0
546254.0	98.0	15	3	1935.0	1658.0	1564.0
730696.0	51.5	15	1	1269.0	-	-
163601.0	56.1	15	1	1065.0	-	-
344345.0	78.9	15	2	1293.0	1715.0	-
526890.0	53.0	15	1	1053.0	-	-
706882.0	74.1	15	2	1072.0	1726.0	-
141084.0	61.1	15	1	1823.0	-	-
322012.0	78.5	15	2	1294.0	1755.0	-
502874.0	73.6	15	2	1773.0	1717.0	-
683128.0	90.3	15	3	1633.0	1575.0	1153.0
118750.0	56.4	15	1	1711.0	-	-
300449.0	62.1	15	1	1176.0	-	-
481125.0	69.2	15	2	1451.0	1180.0	-
661689.0	72.7	15	2	1568.0	1849.0	-
96272.0	79.0	15	2	1015.0	1654.0	-

Type 5 Radar Waveform_11

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
444037.0	94.5	8	3	1903.0	1164.0	1206.0
735653.0	63.1	8	1	1643.0	-	-
1024112.0	91.8	8	3	1414.0	1691.0	1083.0
118612.0	66.2	8	1	1259.0	-	-
409198.0	57.3	8	1	1687.0	-	-
698986.0	76.9	8	2	1943.0	1184.0	-
989508.0	73.5	8	2	1341.0	1492.0	-
82506.0	83.7	8	3	1820.0	1815.0	1879.0
372844.0	94.2	8	3	1209.0	1028.0	1233.0
664181.0	55.2	8	1	1411.0	-	-

Type 5 Radar Waveform_12

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
867077.0	68.6	8	2	1174.0	1356.0	-
42561.0	90.6	8	3	1976.0	1279.0	1870.0
307031.0	50.0	8	1	1105.0	-	-
569570.0	92.3	8	3	1609.0	1764.0	1113.0
835127.0	55.3	8	1	1793.0	-	-
10129.0	89.1	8	3	1791.0	1070.0	1705.0
274364.0	50.3	8	1	1538.0	-	-
537999.0	72.1	8	2	1337.0	1359.0	-
802599.0	53.6	8	1	1781.0	-	-
1065469.0	76.5	8	2	1459.0	1627.0	-
241827.0	52.2	8	1	1509.0	-	-

Type 5 Radar Waveform_13

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
506111.0	52.6	9	1	1357.0	-	-
770023.0	50.7	9	1	1836.0	-	-
1032592.0	86.8	9	3	1088.0	1068.0	1329.0
208900.0	76.0	9	2	1615.0	1878.0	-
472032.0	96.8	9	3	1156.0	1919.0	1802.0
736306.0	85.1	9	3	1179.0	1071.0	1331.0
998743.0	98.1	9	3	1628.0	1745.0	1594.0
176129.0	92.6	9	3	1874.0	1671.0	1707.0
440163.0	82.5	9	2	1786.0	1667.0	-
702781.0	92.1	9	3	1891.0	1872.0	1428.0
968896.0	73.2	9	2	1034.0	1017.0	-

Type 5 Radar Waveform_14

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
105411.0	71.2	13	2	1794.0	1804.0	-
298752.0	67.4	13	2	1178.0	1915.0	-
493279.0	59.5	13	1	1066.0	-	-
683969.0	91.3	13	3	1161.0	1502.0	1981.0
81496.0	88.2	13	3	1906.0	1448.0	1438.0
275033.0	74.4	13	2	1478.0	1362.0	-
467106.0	95.3	13	3	1424.0	1945.0	1620.0
661369.0	69.4	13	2	1749.0	1497.0	-
57920.0	74.5	13	2	1267.0	1047.0	-
251183.0	67.9	13	2	1662.0	1289.0	-
445143.0	62.0	13	1	1785.0	-	-
638135.0	73.6	13	2	1014.0	1522.0	-
33981.0	84.5	13	3	1098.0	1914.0	1837.0
226807.0	83.5	13	3	1097.0	1975.0	1860.0
421399.0	61.1	13	1	1591.0	-	-

Type 5 Radar Waveform_15

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
612329.0	86.3	14	3	1482.0	1952.0	1674.0
10246.0	68.3	14	2	1623.0	1700.0	-
203999.0	51.2	14	1	1234.0	-	-
397568.0	56.1	14	1	1548.0	-	-
588969.0	90.0	14	3	1666.0	1827.0	1093.0
785159.0	65.5	14	1	1253.0	-	-
179446.0	96.2	14	3	1143.0	1704.0	1450.0
373373.0	76.8	14	2	1268.0	1013.0	-
565180.0	91.8	14	3	1295.0	1712.0	1617.0
761432.0	62.3	14	1	1111.0	-	-
156190.0	55.0	14	1	1663.0	-	-
348840.0	90.3	14	3	1138.0	1595.0	1148.0
543523.0	60.5	14	1	1532.0	-	-
735019.0	91.8	14	3	1129.0	1313.0	1427.0
132204.0	75.5	14	2	1187.0	1296.0	-

Type 5 Radar Waveform_16

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
270212.0	91.2	18	3	1541.0	1419.0	1910.0
432979.0	61.6	18	1	1398.0	-	-
594242.0	63.2	18	1	1493.0	-	-
89956.0	95.4	18	3	1624.0	1338.0	1752.0
251113.0	69.3	18	2	1508.0	1589.0	-
412149.0	82.6	18	2	1598.0	1339.0	-
573017.0	82.8	18	2	1120.0	1941.0	-
70471.0	64.0	18	1	1977.0	-	-
231749.0	50.9	18	1	1777.0	-	-
391848.0	75.9	18	2	1957.0	1778.0	-
553668.0	76.9	18	2	1140.0	1350.0	-
50454.0	84.2	18	3	1616.0	1375.0	1089.0
211851.0	52.0	18	1	1887.0	-	-
371568.0	84.4	18	3	1940.0	1402.0	1240.0
532900.0	90.7	18	3	1194.0	1218.0	1231.0
30728.0	77.1	18	2	1018.0	1582.0	-
192003.0	52.2	18	1	1844.0	-	-
351764.0	92.5	18	3	1078.0	1818.0	1733.0

Type 5 Radar Waveform_17

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1157458.0	85.7	5	3	1490.0	1386.0	1443.0
24518.0	98.9	5	3	1644.0	1713.0	1423.0
387593.0	79.8	5	2	1198.0	1894.0	-
750116.0	91.4	5	3	1954.0	1080.0	1103.0
1113714.0	76.4	5	2	1936.0	1122.0	-
1478481.0	52.0	5	1	1323.0	-	-
343342.0	57.6	5	1	1051.0	-	-
706016.0	75.1	5	2	1241.0	1650.0	-

Type 5 Radar Waveform_18

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
853534.0	90.7	8	3	1838.0	1442.0	1491.0
1145472.0	67.7	8	2	1552.0	1069.0	-
238515.0	79.0	8	2	1189.0	1330.0	-
529077.0	83.1	8	2	1082.0	1131.0	-
817977.0	84.2	8	3	1452.0	1767.0	1335.0
1108501.0	84.7	8	3	1475.0	1032.0	1410.0
202608.0	77.7	8	2	1379.0	1926.0	-
492413.0	99.1	8	3	1775.0	1332.0	1244.0
783018.0	76.7	8	2	1702.0	1698.0	-
1075100.0	50.4	8	1	1316.0	-	-

Type 5 Radar Waveform_19

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
83399.0	60.4	20	1	1871.0	-	-
227612.0	89.1	20	3	1154.0	1463.0	1484.0
373908.0	64.2	20	1	1264.0	-	-
517728.0	78.5	20	2	1578.0	1292.0	-
65551.0	53.4	20	1	1675.0	-	-
210594.0	54.2	20	1	1873.0	-	-
355873.0	50.2	20	1	1513.0	-	-
499390.0	80.2	20	2	1883.0	1583.0	-
47707.0	63.0	20	1	1290.0	-	-
192252.0	81.4	20	2	1571.0	1771.0	-
336370.0	94.2	20	3	1399.0	1738.0	1250.0
480211.0	92.5	20	3	1668.0	1748.0	1732.0
29822.0	51.1	20	1	1274.0	-	-
174025.0	85.2	20	3	1315.0	1494.0	1911.0
320251.0	52.8	20	1	1257.0	-	-
462988.0	97.8	20	3	1760.0	1144.0	1539.0
11886.0	74.8	20	2	1843.0	1901.0	-
156060.0	92.9	20	3	1670.0	1998.0	1741.0
300737.0	95.8	20	3	1173.0	1736.0	1570.0
445255.0	99.9	20	3	1579.0	1351.0	1435.0

Type 5 Radar Waveform_20

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
1316121.0	85.3	7	3	1025.0	1842.0	1133.0
309739.0	61.1	7	1	1647.0	-	-
631593.0	87.8	7	3	1324.0	1160.0	1525.0
953887.0	94.3	7	3	1471.0	1314.0	1376.0
1276245.0	92.0	7	3	1188.0	1516.0	1466.0
269988.0	65.0	7	1	1488.0	-	-
591725.0	85.1	7	3	1640.0	1019.0	1699.0
914472.0	67.8	7	2	1859.0	1876.0	-
1235755.0	91.7	7	3	1597.0	1885.0	1528.0

Type 5 Radar Waveform_21

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
229745.0	92.3	7	3	1141.0	1262.0	1719.0
553245.0	56.4	7	1	1415.0	-	-
876376.0	52.9	7	1	1265.0	-	-
1198812.0	57.6	7	1	1967.0	-	-
189949.0	90.2	7	3	1081.0	1676.0	1968.0
512588.0	66.7	7	2	1955.0	1710.0	-
836325.0	63.1	7	1	1673.0	-	-
1157291.0	78.3	7	2	1979.0	1996.0	-
150662.0	57.2	7	1	1151.0	-	-

Type 5 Radar Waveform_22

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
235422.0	95.4	17	3	1590.0	1434.0	1649.0
396812.0	75.5	17	2	1902.0	1374.0	-
557188.0	91.1	17	3	1761.0	1055.0	1076.0
55086.0	96.2	17	3	1588.0	1310.0	1841.0
215947.0	89.1	17	3	1139.0	1285.0	1325.0
377016.0	76.3	17	2	1521.0	1716.0	-
538553.0	80.9	17	2	1061.0	1394.0	-
35300.0	98.3	17	3	1381.0	1831.0	1731.0
196909.0	66.5	17	1	1157.0	-	-
356293.0	93.8	17	3	1085.0	1909.0	1922.0
517997.0	80.3	17	2	1825.0	1543.0	-
15551.0	86.5	17	3	1458.0	1355.0	1311.0
176905.0	59.8	17	1	1619.0	-	-
336857.0	84.8	17	3	1137.0	1256.0	1866.0
499644.0	53.3	17	1	1421.0	-	-
659185.0	76.9	17	2	1300.0	1934.0	-
157023.0	65.2	17	1	1678.0	-	-
317157.0	99.4	17	3	1472.0	1485.0	1117.0

Type 5 Radar Waveform_23

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
454047.0	51.3	18	1	2000.0	-	-
605938.0	69.9	18	2	1109.0	1723.0	-
129415.0	86.6	18	3	1611.0	1119.0	1397.0
281545.0	88.4	18	3	1036.0	1721.0	1474.0
434983.0	69.2	18	2	1322.0	1048.0	-
587715.0	82.5	18	2	1146.0	1086.0	-
110654.0	88.6	18	3	1489.0	1669.0	1063.0
263053.0	70.8	18	2	1947.0	1689.0	-
415492.0	74.9	18	2	1766.0	1653.0	-
567562.0	91.2	18	3	1121.0	1499.0	1107.0
91870.0	84.9	18	3	1455.0	1498.0	1553.0
245235.0	60.9	18	1	1215.0	-	-
397190.0	68.5	18	2	1549.0	1136.0	-
547761.0	89.7	18	3	1288.0	1897.0	1737.0
73241.0	69.4	18	2	1765.0	1845.0	-
225804.0	67.6	18	2	1195.0	1690.0	-
377009.0	97.5	18	3	1962.0	1796.0	1243.0
530623.0	70.2	18	2	1679.0	1368.0	-
54657.0	58.8	18	1	1577.0	-	-

Type 5 Radar Waveform_24

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
196093.0	89.1	20	3	1512.0	1630.0	1354.0
341801.0	72.1	20	2	1091.0	1166.0	-
487148.0	61.5	20	1	1797.0	-	-
34061.0	63.3	20	1	1211.0	-	-
178266.0	93.7	20	3	1683.0	1429.0	1506.0
322368.0	98.6	20	3	1813.0	1801.0	1551.0
466653.0	91.3	20	3	1377.0	1833.0	1932.0
16101.0	87.5	20	3	1385.0	1248.0	1217.0
161280.0	55.2	20	1	1648.0	-	-
305705.0	82.4	20	2	1892.0	1112.0	-
450255.0	71.7	20	2	1417.0	1905.0	-
593190.0	99.7	20	3	1814.0	1852.0	1439.0
143242.0	80.7	20	2	1096.0	1228.0	-
288212.0	75.0	20	2	1075.0	1220.0	-
433275.0	67.4	20	2	1152.0	1004.0	-
578503.0	61.8	20	1	1916.0	-	-
125479.0	58.4	20	1	1888.0	-	-
270225.0	70.6	20	2	1352.0	1232.0	-
415526.0	57.0	20	1	1995.0	-	-
561472.0	56.3	20	1	1024.0	-	-

Type 5 Radar Waveform_25

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
179581.0	58.5	10	1	1864.0	-	-
421683.0	57.6	10	1	1812.0	-	-
663132.0	68.2	10	2	1507.0	1272.0	-
906056.0	51.3	10	1	1603.0	-	-
149319.0	89.8	10	3	1569.0	1266.0	1985.0
391976.0	63.3	10	1	1524.0	-	-
634181.0	55.6	10	1	1456.0	-	-
875081.0	75.3	10	2	1828.0	1084.0	-
119668.0	90.6	10	3	1216.0	1221.0	1722.0
361817.0	67.1	10	2	1000.0	1432.0	-
602848.0	92.2	10	3	1581.0	1182.0	1175.0
843858.0	87.4	10	3	1469.0	1387.0	1750.0

Type 5 Radar Waveform_26

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
56685.0	83.1	19	2	1811.0	1984.0	-
209386.0	68.1	19	2	1130.0	1334.0	-
361677.0	76.1	19	2	1964.0	1001.0	-
514108.0	77.2	19	2	1608.0	1391.0	-
37920.0	89.8	19	3	1306.0	1099.0	1559.0
190777.0	56.6	19	1	1851.0	-	-
342656.0	92.9	19	3	1223.0	1147.0	1039.0
493573.0	89.9	19	3	1993.0	1829.0	1406.0
19197.0	77.9	19	2	1822.0	1291.0	-
171129.0	95.0	19	3	1839.0	1405.0	1665.0
324096.0	83.3	19	2	1529.0	1479.0	-
475909.0	88.5	19	3	1403.0	1186.0	1258.0
423.0	53.2	19	1	1395.0	-	-
152517.0	91.5	19	3	1185.0	1639.0	1636.0
305859.0	54.1	19	1	1895.0	-	-
456649.0	85.9	19	3	1735.0	1200.0	1607.0
611999.0	51.0	19	1	1170.0	-	-
134149.0	77.9	19	2	1677.0	1062.0	-
287347.0	61.0	19	1	1238.0	-	-

Type 5 Radar Waveform_27

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
520481.0	97.0	15	3	1447.0	1969.0	1326.0
702006.0	90.5	15	3	1656.0	1009.0	1252.0
137356.0	63.9	15	1	1278.0	-	-
318764.0	50.2	15	1	1701.0	-	-
499031.0	81.5	15	2	1963.0	1562.0	-
681818.0	53.8	15	1	1612.0	-	-
114982.0	60.1	15	1	1317.0	-	-
295969.0	73.6	15	2	1302.0	1510.0	-
477264.0	80.4	15	2	1008.0	1681.0	-
657386.0	93.0	15	3	1364.0	1100.0	1501.0
92561.0	66.0	15	1	1762.0	-	-
272833.0	97.0	15	3	1652.0	1865.0	1518.0
454166.0	88.2	15	3	1369.0	1318.0	1271.0
634694.0	90.2	15	3	1754.0	1457.0	1230.0
69921.0	84.3	15	3	1168.0	1739.0	1907.0
251677.0	66.6	15	1	1768.0	-	-

Type 5 Radar Waveform_28

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
433264.0	62.6	15	1	1565.0	-	-
611867.0	98.9	15	3	1743.0	1460.0	1912.0
47643.0	90.2	15	3	1545.0	1526.0	1999.0
229097.0	72.0	15	2	1496.0	1012.0	-
410700.0	51.7	15	1	1939.0	-	-
590904.0	77.8	15	2	1655.0	1830.0	-
25459.0	67.1	15	2	1718.0	1287.0	-
206706.0	78.4	15	2	1682.0	1046.0	-
388472.0	63.6	15	1	1709.0	-	-
569361.0	74.3	15	2	1177.0	1312.0	-
3143.0	79.8	15	2	1040.0	1925.0	-
184052.0	98.2	15	3	1389.0	1239.0	1433.0
364730.0	98.3	15	3	1204.0	1931.0	1408.0
547780.0	59.2	15	1	1464.0	-	-
727816.0	69.7	15	2	1453.0	1558.0	-
161970.0	74.2	15	2	1328.0	1803.0	-

Type 5 Radar Waveform_29

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
423340.0	62.7	11	1	1563.0	-	-
646688.0	56.0	11	1	1774.0	-	-
867080.0	95.2	11	3	1951.0	1430.0	1626.0
171801.0	96.9	11	3	1695.0	1392.0	1219.0
395143.0	69.2	11	2	1347.0	1770.0	-
618177.0	67.9	11	2	1445.0	1798.0	-
839286.0	94.7	11	3	1810.0	1694.0	1904.0
144620.0	73.4	11	2	1340.0	1273.0	-
367716.0	79.7	11	2	1734.0	1242.0	-
590911.0	83.0	11	2	1127.0	1784.0	-
815767.0	62.5	11	1	1005.0	-	-
116932.0	97.0	11	3	1060.0	1536.0	1503.0
340698.0	61.8	11	1	1706.0	-	-

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	5658	5570	5307	5655	5357
5	5398	5281	5559	5343	5539
10	5471	5328	5494	5709	5529
15	5342	5303	5404	5426	5275
20	5312	5254	5464	5527	5435
25	5679	5620	5537	5629	5393
30	5561	5250	5673	5574	5406
35	5396	5711	5659	5458	5355
40	5718	5595	5634	5649	5586
45	5695	5672	5282	5596	5602
50	5654	5453	5567	5403	5503
55	5469	5277	5675	5703	5477
60	5645	5553	5480	5386	5414
65	5466	5542	5304	5358	5652
70	5657	5526	5532	5696	5298
75	5543	5608	5327	5697	5668
80	5394	5603	5714	5425	5293
85	5374	5407	5346	5356	5656
90	5605	5345	5401	5643	5670
95	5291	5693	5518	5479	5424

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5438	5334	5718	5341	5577
5	5440	5681	5634	5506	5271
10	5402	5592	5535	5429	5550
15	5430	5333	5507	5471	5467
20	5320	5420	5405	5519	5408
25	5567	5472	5265	5258	5427
30	5603	5711	5630	5314	5655
35	5594	5442	5327	5455	5460
40	5372	5291	5326	5475	5360
45	5631	5423	5629	5669	5656
50	5250	5644	5340	5297	5653
55	5365	5276	5546	5280	5357
60	5693	5288	5723	5329	5393
65	5416	5309	5568	5596	5335
70	5353	5302	5358	5345	5376
75	5344	5277	5502	5491	5665
80	5321	5524	5306	5621	5583
85	5386	5637	5445	5492	5431
90	5293	5722	5332	5572	5580
95	5283	5713	5668	5622	5299

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5693	5573	5654	5502	5419
5	5482	5703	5709	5669	5478
10	5711	5673	5624	5571	5421
15	5460	5610	5516	5659	5328
20	5489	5346	5608	5381	5358
25	5324	5371	5362	5461	5267
30	5600	5587	5529	5332	5414
35	5484	5418	5348	5613	5383
40	5605	5409	5413	5503	5628
45	5255	5512	5277	5714	5303
50	5434	5691	5473	5704	5454
55	5477	5393	5468	5311	5408
60	5582	5694	5458	5558	5616
65	5394	5542	5504	5284	5389
70	5609	5623	5448	5427	5280
75	5355	5450	5634	5441	5470
80	5505	5256	5364	5550	5700
85	5662	5438	5297	5384	5552
90	5526	5258	5298	5580	5392
95	5262	5586	5317	5498	5302

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5376	5337	5590	5566	5639
5	5524	5628	5309	5260	5307
10	5642	5267	5714	5344	5592
15	5509	5587	5713	5464	5655
20	5384	5600	5354	5721	5273
25	5574	5563	5495	5489	5544
30	5269	5581	5612	5623	5619
35	5388	5297	5444	5589	5254
40	5268	5625	5659	5492	5360
45	5259	5321	5470	5649	5280
50	5543	5300	5559	5265	5598
55	5304	5568	5723	5403	5545
60	5317	5488	5705	5708	5328
65	5423	5329	5617	5413	5380
70	5679	5454	5409	5506	5561
75	5516	5486	5335	5366	5620
80	5288	5633	5675	5701	5515
85	5718	5601	5252	5353	5687
90	5427	5689	5314	5656	5702
95	5394	5570	5485	5477	5383

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5631	5576	5526	5252	5481
5	5663	5650	5384	5423	5514
10	5476	5531	5280	5442	5613
15	5597	5714	5341	5509	5568
20	5722	5346	5325	5689	5327
25	5512	5600	5302	5667	5529
30	5351	5475	5501	5387	5258
35	5432	5287	5415	5541	5686
40	5283	5672	5508	5719	5491
45	5472	5443	5312	5586	5350
50	5331	5632	5598	5659	5272
55	5694	5313	5539	5716	5413
60	5348	5377	5618	5528	5657
65	5364	5651	5315	5607	5399
70	5383	5431	5333	5368	5681
75	5467	5587	5379	5401	5306
80	5448	5656	5353	5578	5543
85	5478	5435	5566	5303	5601
90	5410	5592	5695	5288	5262
95	5295	5282	5378	5468	5464

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5411	5340	5462	5413	5701
5	5705	5575	5459	5586	5721
10	5407	5320	5321	5637	5634
15	5685	5366	5347	5554	5285
20	5255	5415	5266	5681	5300
25	5400	5549	5505	5296	5563
30	5490	5364	5458	5602	5507
35	5630	5329	5691	5308	5694
40	5697	5597	5280	5605	5651
45	5716	5420	5452	5526	5316
50	5365	5473	5382	5421	5603
55	5460	5648	5503	5417	5510
60	5370	5578	5293	5684	5444
65	5477	5254	5606	5386	5585
70	5410	5383	5385	5483	5309
75	5327	5326	5448	5267	5489
80	5657	5470	5511	5556	5548
85	5482	5538	5530	5434	5257
90	5374	5282	5322	5522	5532
95	5312	5337	5362	5463	5346

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5666	5579	5398	5574	5543
5	5272	5597	5534	5274	5550
10	5338	5584	5362	5357	5655
15	5676	5396	5450	5599	5477
20	5641	5581	5304	5295	5273
25	5288	5401	5708	5400	5532
30	5350	5415	5342	5659	5468
35	5404	5469	5611	5533	5363
40	5416	5713	5349	5432	5609
45	5374	5418	5263	5573	5702
50	5433	5622	5648	5505	5693
55	5711	5481	5402	5268	5335
60	5516	5367	5423	5455	5555
65	5339	5688	5486	5604	5285
70	5286	5316	5373	5429	5519
75	5502	5438	5634	5553	5365
80	5324	5501	5722	5399	5308
85	5525	5428	5447	5707	5259
90	5544	5329	5392	5443	5361
95	5325	5689	5483	5668	5613

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5446	5343	5334	5260	5288
5	5314	5522	5609	5340	5282
10	5647	5470	5403	5552	5676
15	5289	5523	5553	5547	5669
20	5649	5650	5720	5287	5721
25	5554	5253	5339	5601	5631
30	5574	5714	5372	5557	5433
35	5270	5607	5495	5375	5622
40	5525	5543	5481	5656	5710
45	5412	5692	5335	5471	5625
50	5352	5484	5521	5445	5394
55	5361	5459	5408	5355	5531
60	5280	5348	5668	5369	5278
65	5504	5428	5272	5491	5624
70	5454	5586	5453	5261	5663
75	5469	5516	5410	5296	5612
80	5694	5323	5259	5550	5560
85	5641	5561	5342	5267	5262
90	5298	5723	5293	5664	5653
95	5346	5447	5427	5682	5317

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5604	5679	5270	5421	5508
5	5453	5544	5684	5503	5489
10	5578	5259	5444	5272	5697
15	5377	5650	5656	5592	5483
20	5657	5341	5661	5376	5694
25	5442	5677	5542	5705	5665
30	5713	5603	5329	5675	5585
35	5468	5271	5586	5646	5300
40	5536	5686	5626	5419	5707
45	5295	5393	5524	5415	5703
50	5579	5535	5610	5268	5716
55	5549	5413	5501	5252	5326
60	5660	5598	5700	5277	5494
65	5412	5479	5411	5260	5294
70	5696	5440	5589	5302	5712
75	5582	5632	5562	5488	5548
80	5722	5475	5390	5322	5547
85	5280	5384	5580	5534	5691
90	5546	5446	5287	5460	5502
95	5420	5404	5286	5556	5485

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5384	5443	5681	5582	5350
5	5495	5469	5284	5666	5318
10	5509	5523	5485	5370	5718
15	5465	5302	5637	5675	5568
20	5410	5602	5368	5667	5708
25	5529	5270	5334	5699	5280
30	5589	5286	5415	5359	5288
35	5313	5677	5539	5550	5450
40	5525	5709	5357	5564	5326
45	5417	5275	5383	5451	5480
50	5579	5586	5566	5660	5640
55	5367	5691	5546	5297	5314
60	5645	5584	5358	5402	5470
65	5434	5475	5390	5592	5688
70	5541	5504	5705	5325	5260
75	5256	5554	5385	5544	5287
80	5422	5251	5575	5267	5319
85	5644	5467	5347	5264	5428
90	5299	5477	5557	5395	5530
95	5543	5381	5551	5437	5659

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5639	5682	5617	5268	5570
5	5537	5491	5359	5354	5525
10	5343	5312	5623	5565	5264
15	5456	5429	5290	5392	5576
20	5640	5457	5596	5478	5473
25	5438	5258	5322	5718	5630
30	5511	5486	5452	5293	5335
35	5703	5364	5461	5414	5673
40	5329	5323	5346	5255	5466
45	5412	5533	5567	5455	5637
50	5410	5292	5507	5353	5321
55	5406	5443	5453	5687	5416
60	5304	5503	5351	5386	5302
65	5704	5278	5462	5509	5692
70	5378	5500	5257	5276	5450
75	5480	5370	5512	5448	5444
80	5670	5287	5547	5696	5464
85	5632	5676	5688	5408	5494
90	5612	5476	5428	5522	5626
95	5422	5379	5546	5280	5358

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5419	5446	5553	5332	5412
5	5579	5416	5434	5420	5257
10	5274	5576	5664	5285	5544
15	5459	5393	5630	5584	5645
20	5581	5449	5613	5387	5330
25	5676	5542	5292	5461	5367
30	5675	5370	5306	5591	5481
35	5606	5381	5375	5300	5497
40	5611	5569	5320	5275	5710
45	5549	5470	5586	5454	5709
50	5632	5688	5499	5590	5451
55	5541	5596	5562	5617	5475
60	5618	5723	5641	5347	5326
65	5325	5512	5556	5534	5495
70	5695	5702	5543	5442	5377
75	5431	5480	5293	5407	5608
80	5441	5487	5665	5678	5607
85	5538	5408	5272	5340	5662
90	5322	5359	5570	5517	5511
95	5667	5460	5423	5404	5254

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5577	5685	5489	5493	5632
5	5718	5438	5509	5583	5464
10	5462	5705	5480	5306	5586
15	5496	5675	5301	5495	5336
20	5522	5538	5275	5657	5404
25	5268	5704	5503	5353	5488
30	5437	5504	5633	5572	5499
35	5534	5289	5614	5580	5549
40	5334	5317	5582	5690	5528
45	5639	5719	5585	5333	5264
50	5588	5413	5298	5254	5311
55	5381	5604	5308	5652	5467
60	5293	5527	5724	5361	5344
65	5391	5359	5703	5481	5320
70	5551	5519	5418	5314	5497
75	5465	5412	5474	5671	5682
80	5568	5520	5570	5276	5701
85	5482	5487	5647	5355	5529
90	5722	5444	5321	5383	5357
95	5440	5569	5460	5536	5609

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5357	5449	5425	5654	5474
5	5285	5363	5584	5271	5293
10	5514	5251	5675	5327	5720
15	5713	5599	5493	5503	5405
20	5560	5530	5559	5638	5606
25	5510	5372	5263	5545	5717
30	5589	5703	5686	5324	5297
35	5663	5295	5309	5678	5453
40	5487	5477	5314	5511	5670
45	5715	5489	5692	5461	5509
50	5315	5677	5711	5442	5658
55	5501	5258	5473	5522	5484
60	5714	5350	5673	5397	5554
65	5661	5637	5300	5564	5323
70	5303	5495	5377	5283	5617
75	5608	5393	5286	5603	5330
80	5259	5435	5402	5568	5459
85	5630	5716	5277	5264	5680
90	5652	5468	5681	5712	5642
95	5302	5525	5694	5362	5460

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5612	5688	5361	5340	5694
5	5327	5385	5659	5434	5500
10	5445	5515	5312	5298	5348
15	5711	5365	5702	5668	5685
20	5511	5571	5501	5619	5532
25	5429	5458	5713	5476	5297
30	5587	5703	5546	5443	5363
35	5522	5436	5279	5566	5462
40	5592	5292	5368	5425	5717
45	5408	5343	5650	5323	5547
50	5270	5396	5715	5366	5291
55	5437	5564	5630	5691	5397
60	5530	5387	5638	5316	5660
65	5551	5622	5336	5386	5553
70	5469	5550	5423	5627	5471
75	5262	5276	5374	5538	5586
80	5322	5432	5597	5301	5593
85	5542	5584	5706	5512	5342
90	5474	5594	5272	5357	5509
95	5719	5563	5662	5409	5526

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5392	5452	5297	5501	5536
5	5466	5310	5259	5597	5707
10	5279	5304	5353	5493	5369
15	5324	5492	5708	5713	5402
20	5422	5262	5442	5611	5505
25	5317	5407	5441	5580	5331
30	5251	5592	5503	5658	5612
35	5342	5575	5370	5459	5615
40	5603	5703	5451	5363	5482
45	5405	5272	5533	5406	5605
50	5701	5283	5591	5386	5417
55	5477	5260	5508	5343	5566
60	5309	5691	5404	5516	5328
65	5509	5623	5517	5277	5571
70	5372	5596	5348	5621	5541
75	5426	5476	5447	5295	5599
80	5285	5322	5355	5693	5367
85	5491	5332	5414	5374	5618
90	5653	5637	5549	5282	5698
95	5507	5480	5652	5379	5284

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5647	5691	5708	5662	5281
5	5508	5332	5334	5663	5536
10	5685	5568	5394	5688	5390
15	5412	5522	5336	5283	5430
20	5331	5480	5700	5478	5583
25	5259	5644	5306	5365	5293
30	5481	5363	5301	5289	5637
35	5617	5461	5255	5517	5542
40	5534	5625	5402	5579	5513
45	5489	5566	5279	5548	5467
50	5562	5468	5558	5355	5434
55	5520	5499	5510	5375	5645
60	5493	5454	5455	5343	5649
65	5575	5311	5428	5715	5424
70	5710	5429	5325	5326	5254
75	5471	5405	5465	5470	5361
80	5623	5545	5329	5609	5374
85	5557	5616	5354	5417	5711
90	5533	5518	5672	5686	5261
95	5393	5693	5574	5388	5580

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5330	5455	5644	5348	5598
5	5550	5354	5409	5351	5268
10	5616	5454	5435	5408	5411
15	5500	5649	5439	5328	5438
20	5497	5421	5692	5451	5471
25	5586	5372	5410	5399	5335
30	5467	5320	5516	5538	5360
35	5281	5526	5543	5431	5381
40	5617	5714	5390	5508	5493
45	5572	5624	5332	5343	5263
50	5519	5655	5299	5622	5474
55	5689	5707	5346	5677	5658
60	5496	5384	5266	5595	5301
65	5469	5347	5638	5510	5702
70	5307	5605	5529	5302	5688
75	5440	5525	5511	5414	5722
80	5374	5404	5608	5326	5329
85	5277	5676	5449	5382	5287
90	5306	5716	5362	5589	5623
95	5521	5405	5522	5558	5383

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5585	5694	5580	5412	5343
5	5592	5279	5484	5514	5475
10	5450	5718	5573	5603	5432
15	5491	5301	5542	5276	5600
20	5349	5566	5362	5306	5424
25	5262	5535	5478	5433	5474
30	5356	5277	5256	5690	5655
35	5420	5265	5322	5696	5442
40	5695	5555	5630	5396	5437
45	5473	5682	5385	5700	5597
50	5439	5570	5269	5582	5621
55	5335	5331	5404	5526	5317
60	5348	5441	5691	5567	5638
65	5599	5418	5383	5470	5305
70	5505	5476	5591	5532	5401
75	5278	5647	5312	5645	5654
80	5395	5499	5660	5411	5293
85	5323	5524	5716	5639	5641
90	5250	5554	5536	5527	5595
95	5657	5403	5577	5281	5500

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5365	5458	5516	5573	5660
5	5256	5301	5559	5677	5304
10	5381	5507	5614	5701	5453
15	5579	5428	5645	5321	5317
20	5357	5257	5400	5298	5397
25	5625	5387	5681	5618	5467
30	5720	5709	5471	5464	5378
35	5462	5356	5690	5631	5405
40	5493	5395	5490	5269	5263
45	5643	5438	5587	5473	5615
50	5621	5455	5565	5523	5285
55	5594	5345	5666	5460	5513
60	5386	5584	5325	5367	5322
65	5302	5672	5686	5548	5577
70	5632	5250	5254	5606	5281
75	5668	5700	5376	5276	5441
80	5575	5320	5719	5655	5602
85	5358	5292	5327	5259	5692
90	5601	5623	5366	5654	5420
95	5603	5595	5616	5501	5563

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5620	5697	5452	5259	5405
5	5298	5701	5634	5268	5511
10	5312	5296	5655	5421	5474
15	5667	5555	5651	5366	5509
20	5365	5326	5341	5387	5370
25	5513	5336	5409	5344	5501
30	5558	5706	5666	5589	5713
35	5673	5601	5447	5486	5624
40	5270	5470	5488	5431	5538
45	5487	5433	5346	5491	5377
50	5349	5316	5672	5544	5703
55	5412	5711	5714	5309	5639
60	5637	5678	5331	5355	5530
65	5623	5358	5512	5467	5489
70	5717	5660	5635	5574	5705
75	5565	5250	5313	5368	5357
80	5528	5607	5642	5419	5695
85	5536	5497	5662	5453	5721
90	5575	5554	5382	5628	5545
95	5383	5687	5552	5302	5318

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5303	5461	5388	5420	5722
5	5340	5723	5709	5431	5718
10	5621	5560	5696	5616	5495
15	5280	5585	5279	5411	5701
20	5276	5492	5282	5379	5343
25	5304	5663	5612	5448	5535
30	5697	5595	5623	5329	5390
35	5396	5265	5538	5302	5281
40	5309	5668	5369	5484	5505
45	5316	5429	5284	5544	5264
50	5700	5633	5526	5356	5424
55	5499	5361	5608	5368	5373
60	5662	5617	5476	5349	5297
65	5344	5359	5292	5314	5646
70	5260	5423	5681	5524	5597
75	5433	5511	5338	5683	5717
80	5478	5331	5482	5692	5256
85	5436	5625	5645	5523	5675
90	5251	5277	5547	5710	5565
95	5427	5269	5497	5267	5591