DFS MEASUREMENT REPORT

FCC ID:	VW3F5688A
Applicant:	SAGEMCOM BROADBAND SAS
Product:	5GNR CPE Router
Model No.:	BGW530-900
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:	2023-09-06
Test Date:	2023-09-18 ~ 2023-10-13

Reviewed By: Sunny Sun

Approved By: Robin Wu

Revision History

Report No.	Version	Description	Issue Date	Note
2309RSU009-U2	V01	Initial Report	2023-10-24	Valid

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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

<table>
<tr><td>☒</td><td colspan="5">Test Site – MRT Suzhou Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Suzhou - Wuzhong)
D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China
Laboratory Location (Suzhou - SIP)
4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China</td></tr>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
<tr><td></td><td colspan="2">A2LA: 3628.01</td><td colspan="3">CNAS: L10551</td></tr>
<tr><td></td><td colspan="2">FCC: CN1166</td><td colspan="3">ISED: CN0001</td></tr>
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<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
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No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)</td></tr>
<tr><td></td><td colspan="5">Laboratory Accreditations</td></tr>
<tr><td></td><td colspan="5">TAF: 3261</td></tr>
<tr><td></td><td colspan="2">FCC: 291082, TW3261</td><td colspan="3">ISED: TW3261</td></tr>
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1.4. Product Information

Product Name	5GNR CPE Router
Model No.	BGW530-900
Brand Name	SAGEMCOM
EUT Identification No.	20230905Sample#12
Wi-Fi Specification	802.11a/b/g/n/ac/ax
3GPP Specification	LTE Band 2/5/12/14/17/30/66 NR SA/NSA Band n2/5/12/30/66/77
Power Type	By AC/DC adapter
Integrated Modular Information	
Modular Name	5G Sub-6 GHz LGA Module
Mode No.	RG520N-AT
FCC ID	XMR2023RG520NAT
Manufacturer	QUECTEL
Accessories	
AC/DC adapter #01	Model No.: ADS-42DG-1212042EPCU-L Input: 100-127V~50/60Hz Max 1.2A Output: 12.0V⎓3.5A
AC/DC adapter #02	Model No.: G30-V3500R120-042E0-US Input: 100-127V~50/60Hz 1.2A Max Output: 12.0V⎓3.5A
AC/DC adapter #03	Model No.: NBS42F120350VU Input: 100-127V~50/60Hz 1.0A Output: 12.0V⎓3.5A

Remark:

1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.
2. For this report, we select Adapter 1# for testing.

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-VHT80+80/ax-HE80+80: 5210 + 5290MHz, 5530 + 5610MHz
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 1733.2Mbps 802.11ax: up to 2402Mbps
Power-on cycle	Requires 73.0 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-VHT80+80/ax-HE80+80

Channel	Frequency	Channel	Frequency	Channel	Frequency
42 + 58	5210 + 5290 MHz	106 + 122	5530 + 5610 MHz	--	--

1.7. Antenna Details

Antenna Type	Frequency Band (GHz)	Antenna Gain (dBi)				Directional Gain (dBi)	
		Ant 0	Ant 1	Ant 2	Ant 3	For Power	For PSD
Wi-Fi Internal Antenna (2.4GHz & 5GHz 4*4 MIMO)							
PCB Antenna	2400 ~ 2483.5	3.26	4.83	6.72	3.7	6.72	7.15
	5150 ~ 5250	3.9	3.1	3.57	5.41	5.41	5.94
	5250 ~ 5350	3.77	3.58	4.43	5.53	5.53	5.67
	5470 ~ 5725	4.2	4.62	3.84	3.86	4.62	6.09
	5725 ~ 5850	3.34	5.33	3.67	4.75	5.33	5.88

Note 1: The antenna gain and directional gain refer to manufacturer's antenna specification.

Note 2: The EUT supports Cyclic Delay Diversity (CDD) mode for 802.11a/b/g/n/ac/ax.

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-HE80+80	42 + 58	5210 + 5290 MHz
802.11ax-HE80+80	106 + 122	5530 + 5610 MHz

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

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

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

3.2. DFS Devices Requirements

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

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

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

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

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

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

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

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

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

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring.

These detection thresholds are listed in the following table.

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Table 3-4: Detection Thresholds for Master Devices and Client Devices with Radar Detection

3.4. Parameters of DFS Test Signals

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test waveforms.

Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 3-6	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot 10^6}{\text{PRI}_{\text{usec}}}\right)\right\}$	60%	30
		Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120
Note: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.					

Table 3-5: Parameters for Short Pulse Radar Waveforms

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

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

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

Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

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

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

3.5. Conducted Test Setup

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

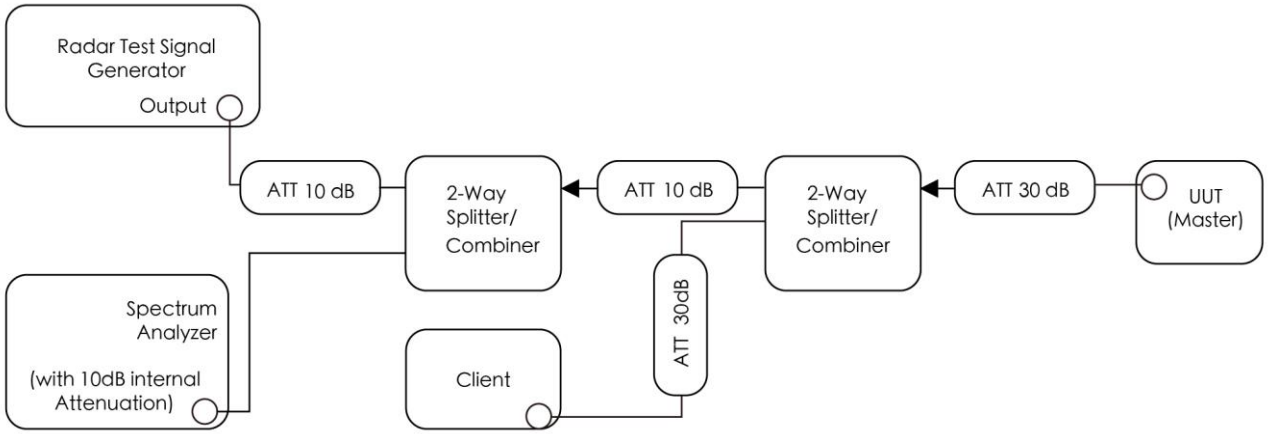


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters.

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2024-10-10	WZ-SR4
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2024-06-29	WZ-SR4
Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2024-02-29	WZ-SR4
Attenuator	MVE	MVE2213	MRTSUE11076	1 year	2024-06-08	WZ-SR4
Attenuator	MVE	MVE2213	MRTSUE11077	1 year	2024-06-08	WZ-SR4

Client Information

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

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

5. Test Result

5.1. Summary

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

5.2. Radar Waveform Calibration Measurement

5.2.1. Calibration Setup

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

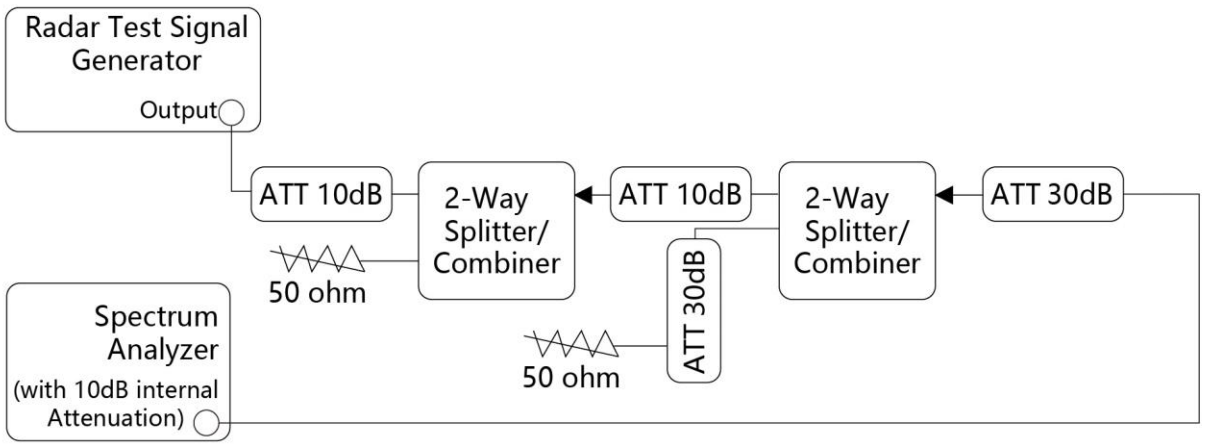


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

The Interference Radar Detection Threshold Level is (-64dBm) + (0) [dBi] + 1 dB= -63 dBm that had been taken into account the output power range and antenna gain. The above equipment setup was used to calibrate the conducted Radar Waveform. A vector signal generator was utilized to establish the test signal level for each radar type. During this process there were replace 50ohm terminal form Master and Client device and no transmissions by either the Master or Client Device. The spectrum analyzer was switched to the zero span (Time Domain) at the frequency of the Radar Waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to at least 3MHz. The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was (-64dBm) + (0) [dBi] + 1 dB= -63dBm. Capture the spectrum analyzer plots on short pulse radar types, long pulse radar type and hopping radar waveform.

5.2.3. Calibration & Channel Loading Result

Refer to Appendix A.1 & A.2.

5.3. NII Detection Bandwidth Measurement

5.3.1. Test Limit

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

5.3.2. Test Procedure

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

EUT does not comply with DFS requirements.

5.3.3. Test Result

Refer to Appendix A.3.

5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

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

5.4.2. Test Procedure

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

5.4.3. Test Result

Refer to Appendix A.4.

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

5.5.1. Test Limit

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

5.5.2. Test Procedure

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

5.5.3. Test Result

Refer to Appendix A.5.

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

5.6.1. Test Limit

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

5.6.2. Test Procedure

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

5.6.3. Test Result

Refer to Appendix A.6.

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

5.7.1. Test Limit

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

5.7.2. Test Procedure

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

5.7.3. Test Result

Refer to Appendix A.7.

5.8. Statistical Performance Check Measurement

5.8.1. Test Limit

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

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

5.8.2. Test Procedure

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

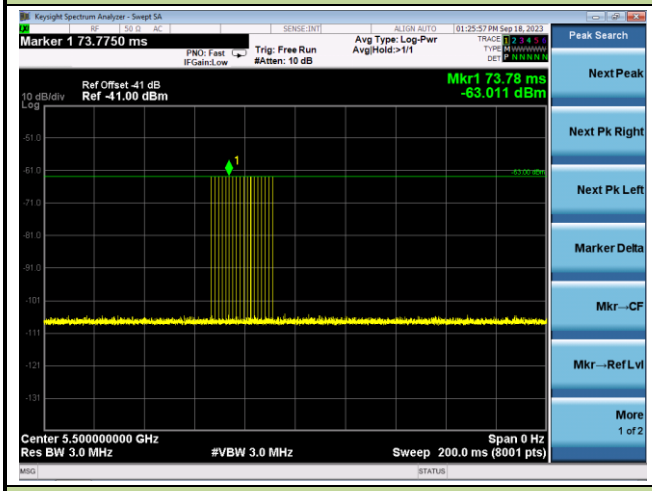
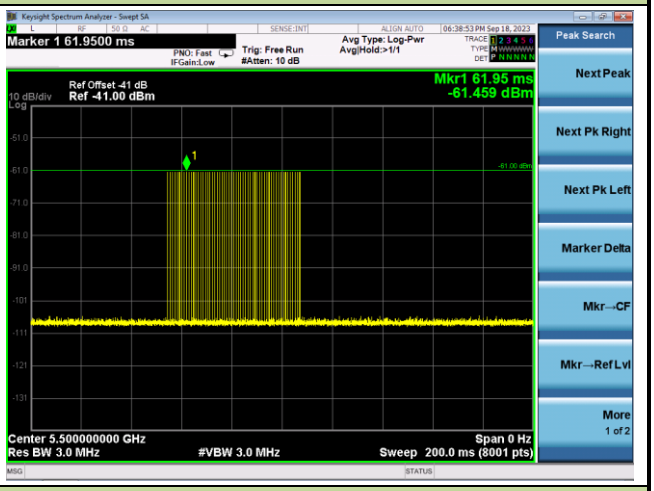
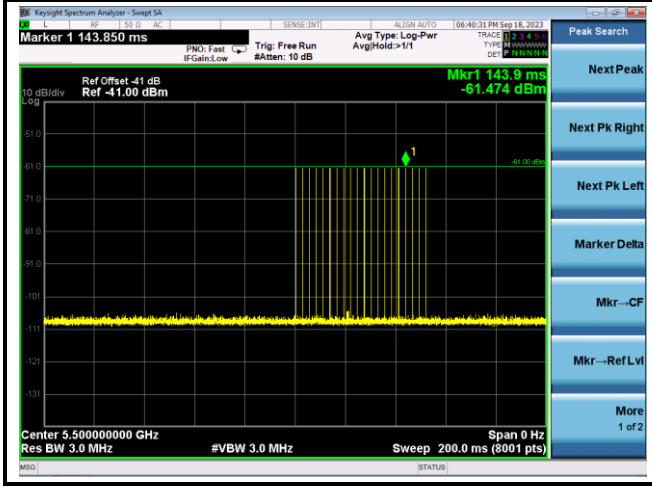
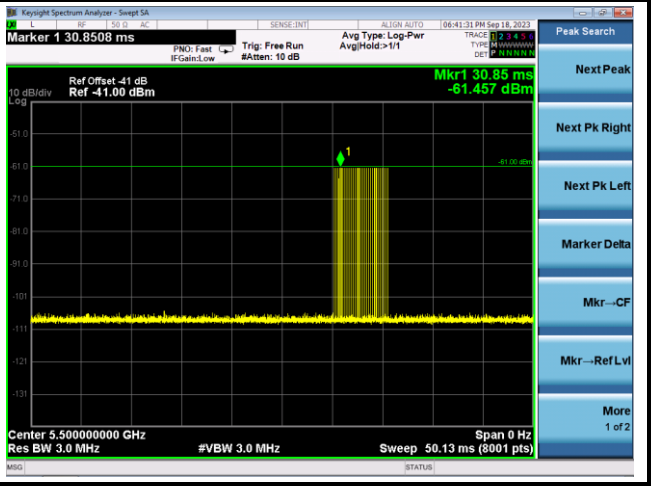
5.8.3. Test Result

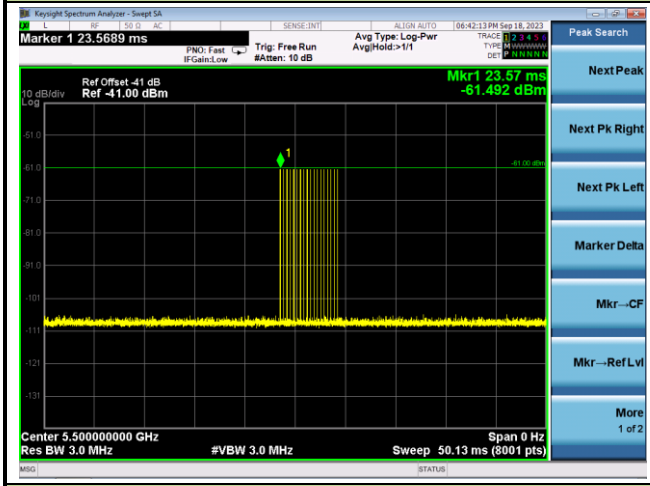
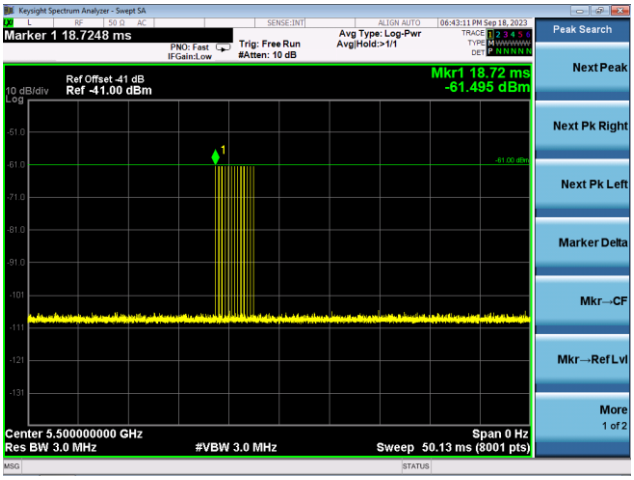
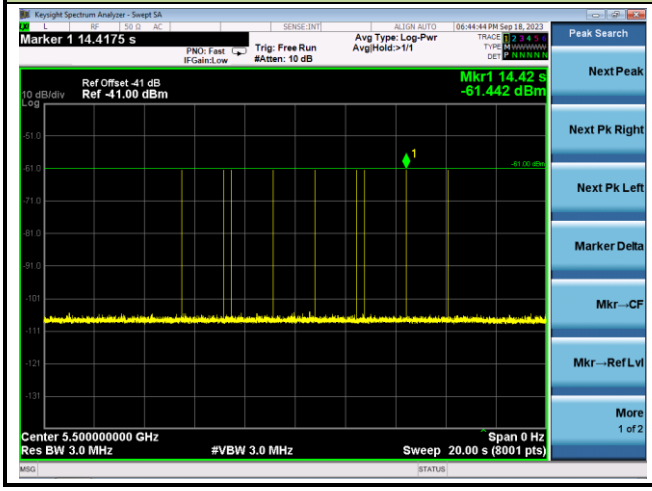
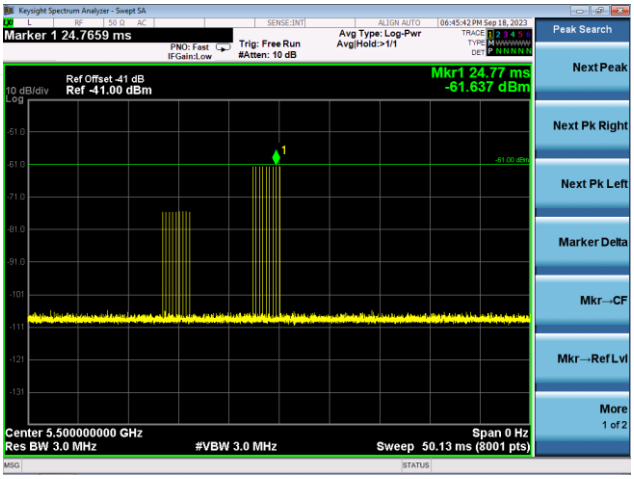
Refer to Appendix A.8.

Appendix A – Test Result

A.1 Calibration Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-18	Test Item	Radar Waveform Calibration

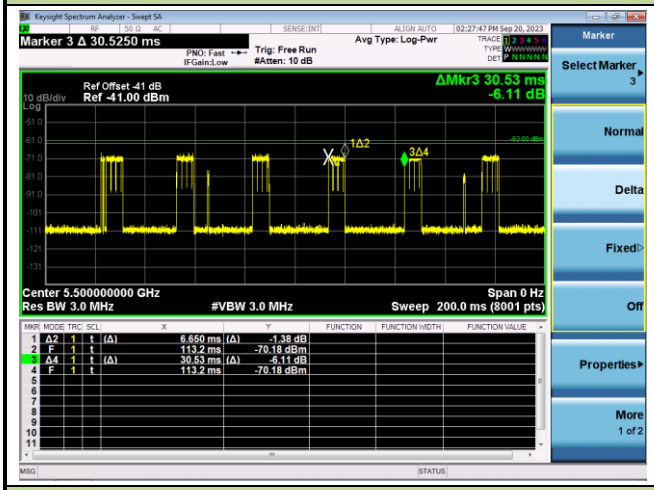
Radar Waveform Calibration	
Radar #0	Radar #1(Test A) PRI = 938us and the number of pulses = 57
	
Radar #1(Test B) PRI = 2730us and the number of pulses = 20	Radar #2
	

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

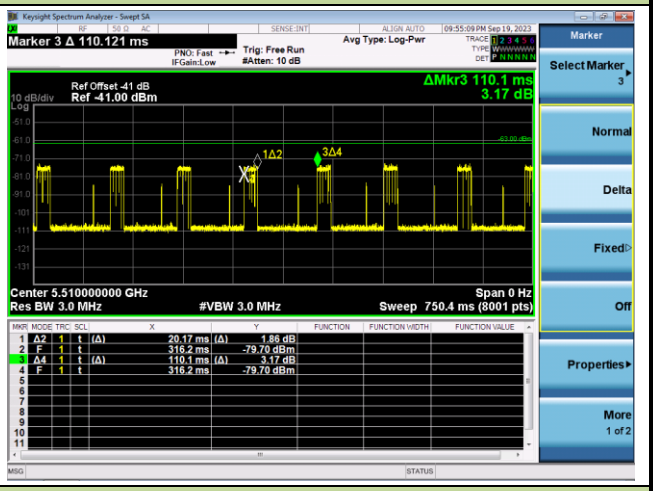
A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-18 ~ 2023-10-13	Test Item	Channel Loading

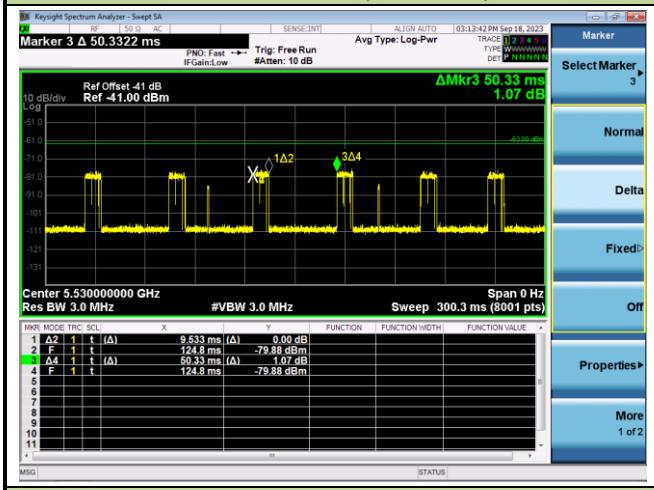
802.11ax-HE20 (5500MHz)



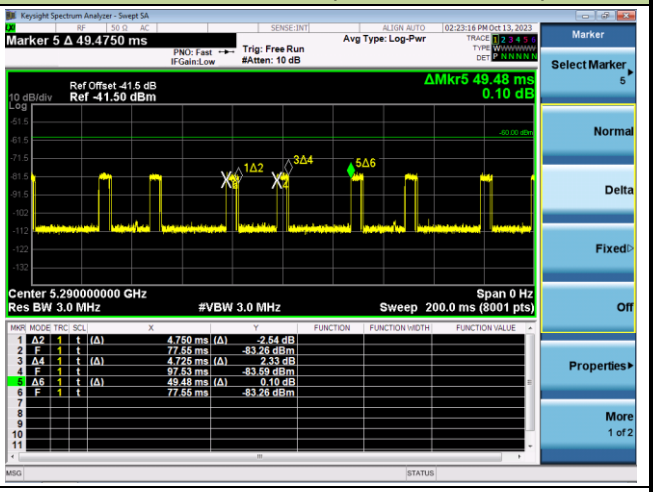
802.11ax-HE40 (5510MHz)



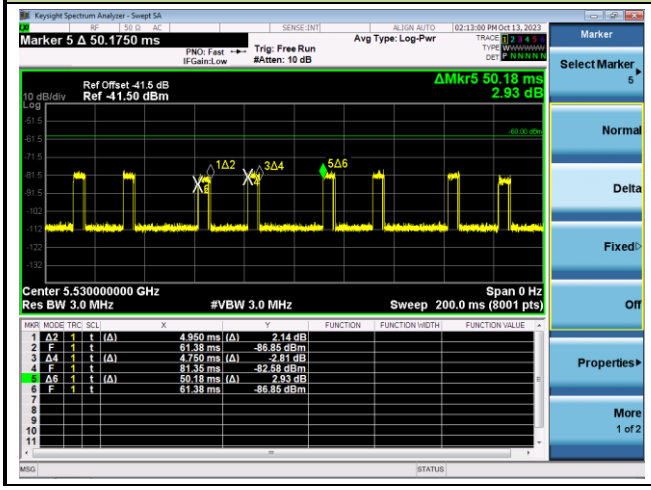
802.11ax-HE80 (5530MHz)



802.11ax-HE80+80 (5210 + 5290MHz)



802.11ax-HE80+80 (5530 + 5610MHz)



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	21.78%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	18.32%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	18.94%	≥ 17%	Pass
802.11ax-HE80+80	5210 + 5290 MHz	19.15%	≥ 17%	Pass
802.11ax-HE80+80	5530 + 5610 MHz	19.33%	≥ 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	2023-09-27		
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 F_L	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 F_H	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 18.954MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5510MHz – 5490MHz = 20MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 18.954MHz x 100% = 18.954MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-27		
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 F_L	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 F_H	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 37.743MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5530MHz - 5490MHz = 40MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 37.743MHz x 100% = 37.743MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-27		
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 F_L	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 F_H	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 77.149MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5570MHz - 5490MHz = 80MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 77.149MHz x 100% = 77.149MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-10-13		
Test Item	Detection Bandwidth (802.11ax-HE80+80 mode – 5210+5290MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5250 F_L	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 F_H	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 5290MHz. The 99% channel bandwidth located in NII-2A is 77.79MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5330MHz - 5250MHz = 80MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 77.79MHz x 100% = 77.79MHz.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-10-13		
Test Item	Detection Bandwidth (802.11ax-HE80+80 mode – 5530 + 5610MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490 F_L	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%
5650 F_H	1	1	1	1	1	1	1	1	1	1	100%

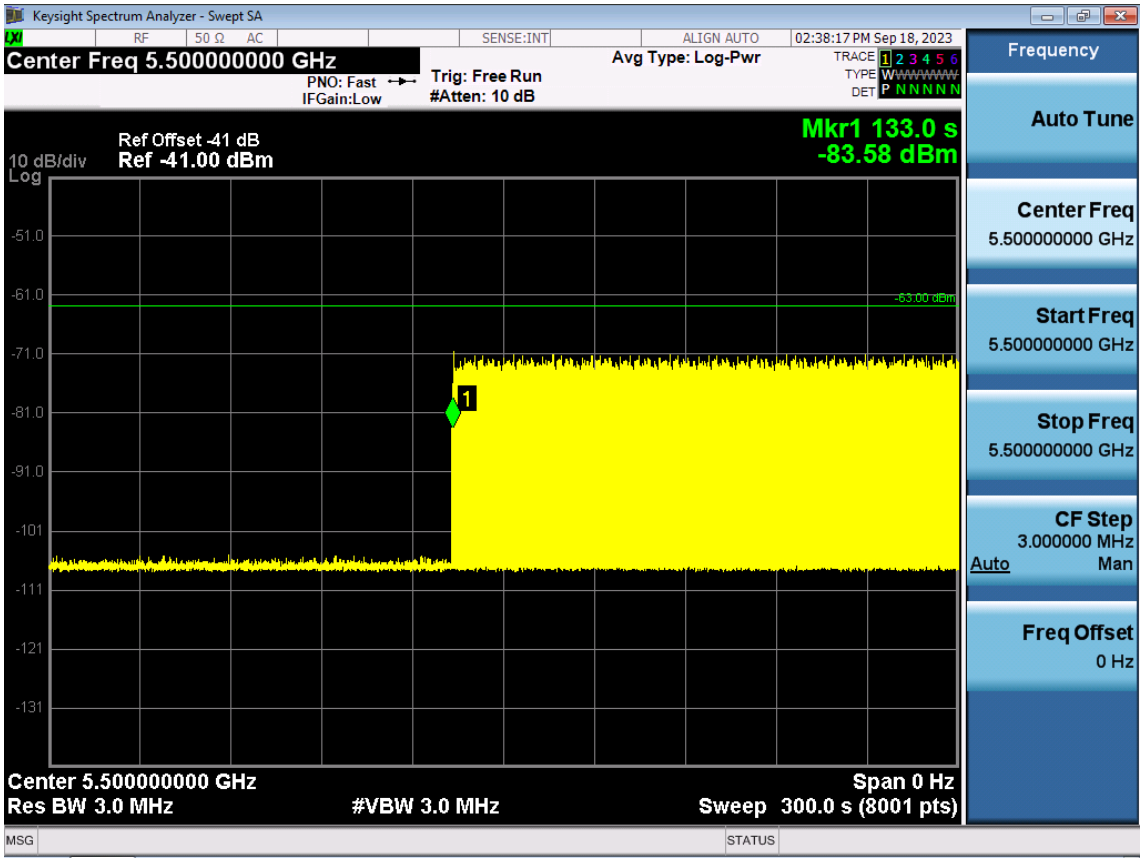
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5570MHz. The 99% channel bandwidth is 156.22MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5650MHz - 5490MHz = 160MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 156.22MHz x 100% = 156.22MHz.

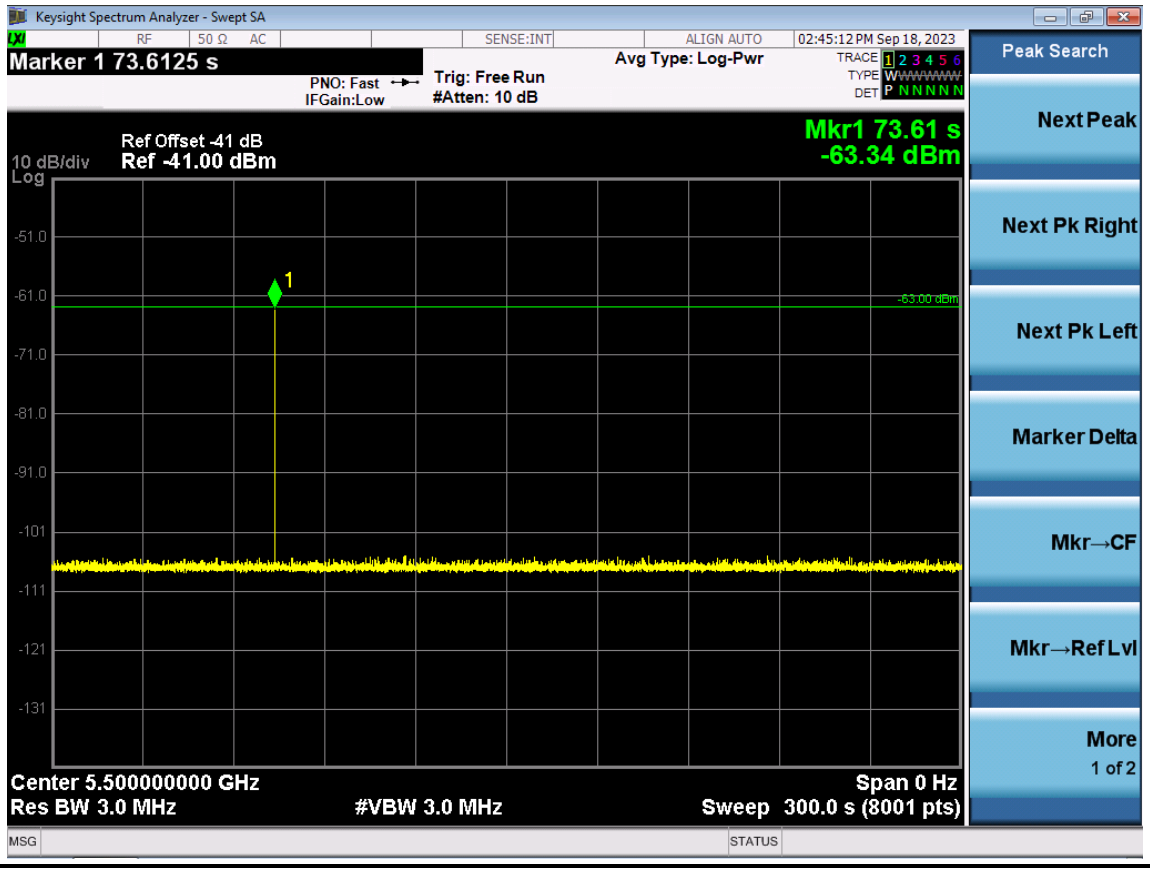
A.4 Initial Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-18		
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 (73.0 sec). Initial beacons/data transmissions are indicated by marker 1 (133.0 sec).

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

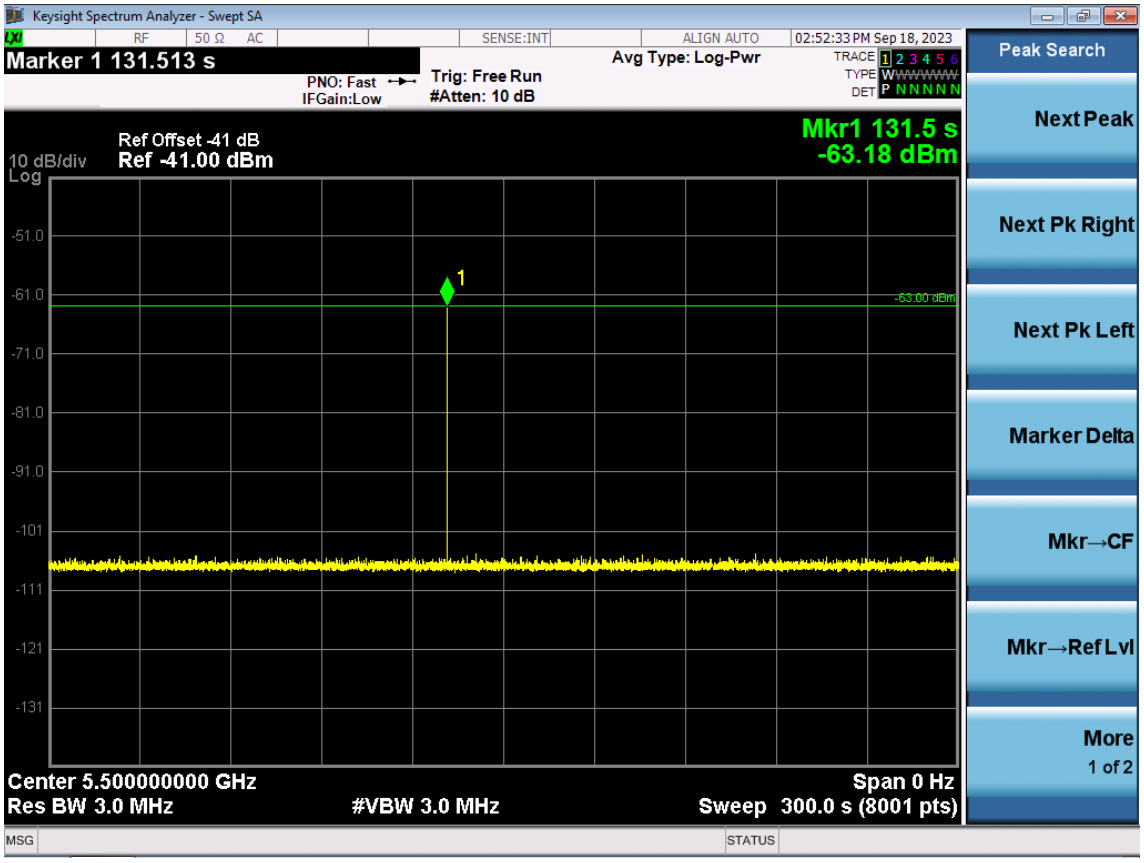
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-18		
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

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	2023-09-18		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

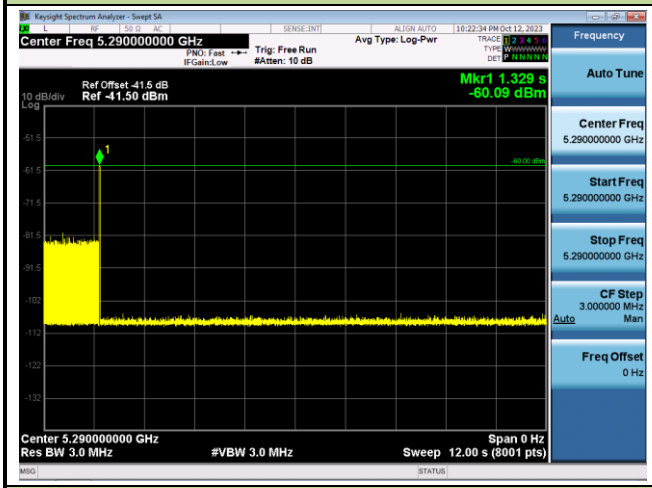
End of the Channel Availability Check Time

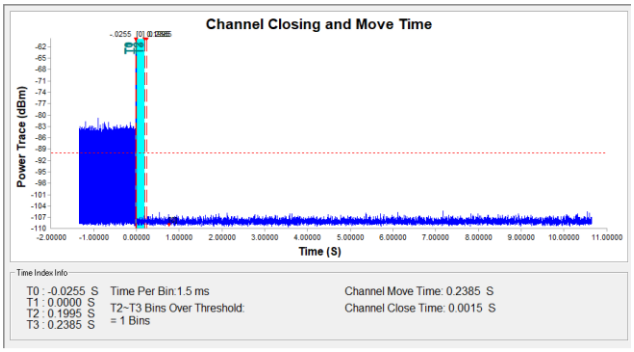


A.7 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

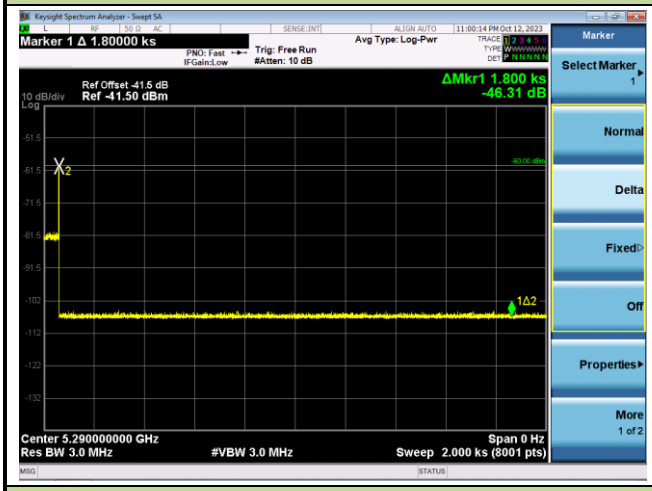
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-10-12		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80+80 mode - 5290MHz)		

Channel Move Time and Channel Closing Transmission Time





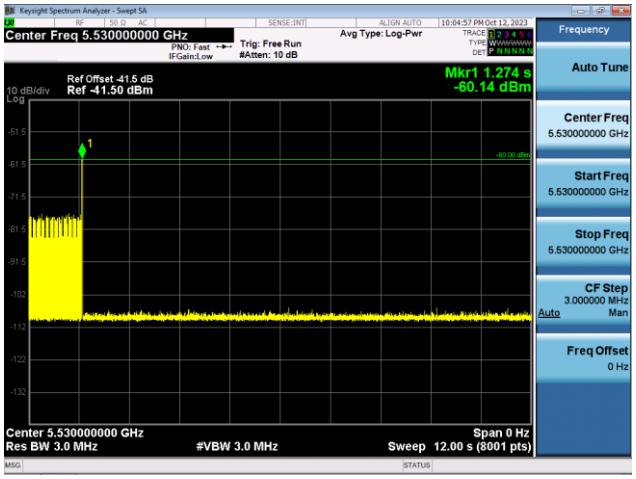
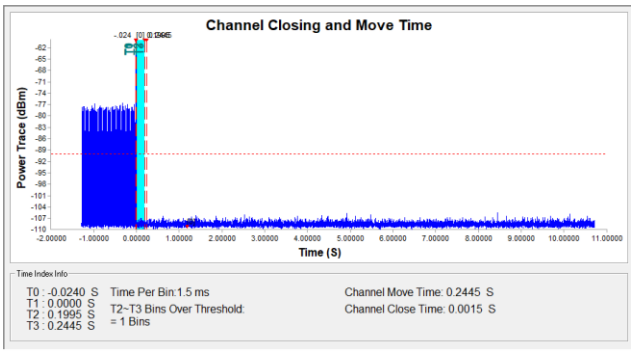
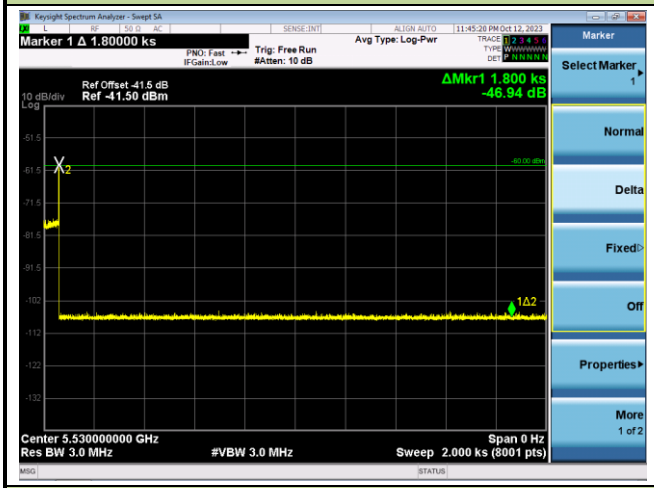
Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	0.2385s	<10s
Channel Closing Transmission Time (ms) (Note)	1.5ms	< 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.

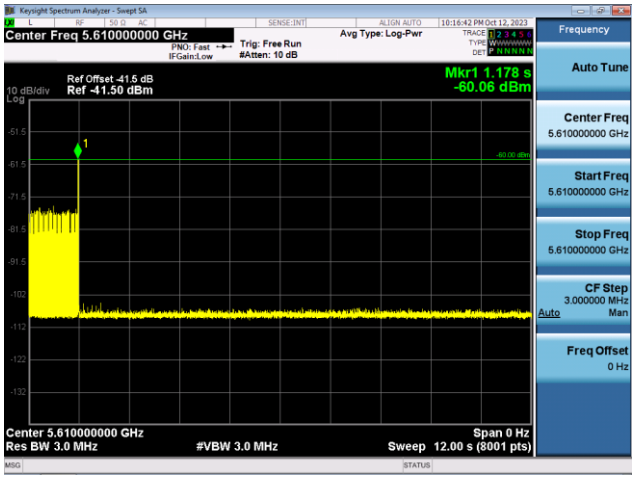
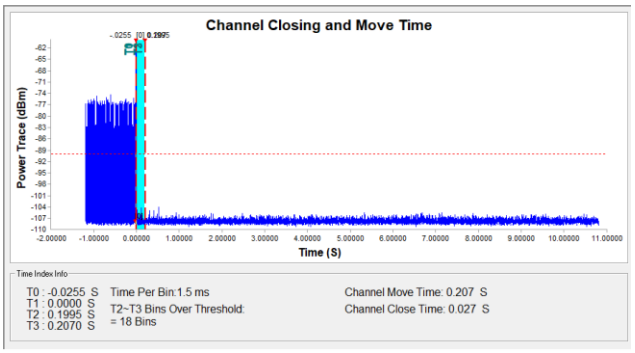
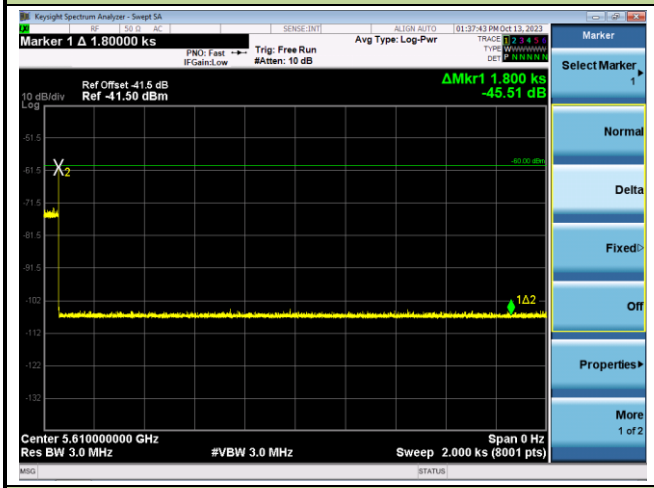
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-10-12		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80+80 mode - 5530MHz)		

Channel Move Time and Channel Closing Transmission Time	
	
Non-Occupancy Period	
	

Parameter	Test Result	Limit
Channel Move Time (s)	0.2445s	<10s
Channel Closing Transmission Time (ms) (Note)	1.5ms	< 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	2023-10-12		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE80+80 mode - 5610MHz)		

Channel Move Time and Channel Closing Transmission Time	
	
Non-Occupancy Period	
	

Parameter	Test Result	Limit
Channel Move Time (s)	0.207s	<10s
Channel Closing Transmission Time (ms) (Note)	27ms	< 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	2023-09-20		
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	5508	1	5490	1	5490	1	5491	1
1	5506	1	5510	1	5492	1	5495	1
2	5510	1	5509	1	5498	1	5501	1
3	5494	1	5507	1	5495	1	5500	1
4	5507	1	5495	1	5494	0	5494	1
5	5492	1	5508	0	5491	0	5496	1
6	5490	1	5506	1	5492	1	5502	1
7	5504	1	5493	1	5496	1	5495	1
8	5498	1	5506	0	5499	1	5508	0
9	5510	1	5495	1	5508	0	5505	1
10	5500	1	5490	1	5498	1	5498	1
11	5491	1	5506	0	5492	1	5497	1
12	5502	1	5495	1	5506	1	5510	0
13	5507	1	5498	1	5500	0	5498	1
14	5503	1	5492	0	5497	1	5492	1
15	5510	1	5504	1	5499	1	5509	0
16	5507	1	5499	1	5495	1	5494	1
17	5501	1	5500	1	5490	1	5504	1
18	5496	1	5504	0	5502	1	5497	1
19	5497	1	5506	1	5495	1	5492	0
20	5504	1	5496	1	5498	1	5507	1
21	5499	1	5505	1	5507	1	5493	0
22	5491	1	5502	1	5503	1	5502	1
23	5503	1	5506	0	5495	1	5490	1
24	5502	1	5504	1	5493	1	5492	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
25	5505	1	5503	1	5507	1	5501	1
26	5503	1	5498	1	5509	0	5508	0
27	5492	1	5507	1	5494	1	5507	0
28	5506	1	5504	0	5510	1	5503	1
29	5504	1	5506	1	5497	1	5502	1
Probability:	100.0%		76.7%		83.3%		76.7%	
Aggregate:	**84.2% (>80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	898.0	59	52982.0
Download	1	Type 1	1.0	818.0	65	53170.0
Download	2	Type 1	1.0	618.0	86	53148.0
Download	3	Type 1	1.0	838.0	63	52794.0
Download	4	Type 1	1.0	538.0	99	53262.0
Download	5	Type 1	1.0	558.0	95	53010.0
Download	6	Type 1	1.0	758.0	70	53060.0
Download	7	Type 1	1.0	3066.0	18	55188.0
Download	8	Type 1	1.0	778.0	68	52904.0
Download	9	Type 1	1.0	858.0	62	53196.0
Download	10	Type 1	1.0	678.0	78	52884.0
Download	11	Type 1	1.0	798.0	67	53466.0
Download	12	Type 1	1.0	878.0	61	53558.0
Download	13	Type 1	1.0	738.0	72	53136.0
Download	14	Type 1	1.0	638.0	83	52954.0
Download	15	Type 1	1.0	1386.0	39	54054.0
Download	16	Type 1	1.0	2820.0	19	53580.0
Download	17	Type 1	1.0	1973.0	27	53271.0
Download	18	Type 1	1.0	2177.0	25	54425.0
Download	19	Type 1	1.0	1359.0	39	53001.0
Download	20	Type 1	1.0	807.0	66	53262.0
Download	21	Type 1	1.0	2200.0	24	52800.0
Download	22	Type 1	1.0	1172.0	46	53912.0
Download	23	Type 1	1.0	944.0	56	52864.0
Download	24	Type 1	1.0	865.0	62	53630.0
Download	25	Type 1	1.0	693.0	77	53361.0
Download	26	Type 1	1.0	551.0	96	52896.0
Download	27	Type 1	1.0	535.0	99	52965.0
Download	28	Type 1	1.0	1264.0	42	53088.0
Download	29	Type 1	1.0	1267.0	42	53214.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.6	181.0	29	5249.0
Download	1	Type 2	2.7	152.0	25	3800.0
Download	2	Type 2	1.4	163.0	23	3749.0
Download	3	Type 2	3.9	187.0	28	5236.0
Download	4	Type 2	2.4	185.0	25	4625.0
Download	5	Type 2	2.2	151.0	25	3775.0
Download	6	Type 2	1.7	171.0	24	4104.0
Download	7	Type 2	3.1	196.0	26	5096.0
Download	8	Type 2	1.7	180.0	24	4320.0
Download	9	Type 2	3.8	172.0	27	4644.0
Download	10	Type 2	2.6	208.0	25	5200.0
Download	11	Type 2	1.3	227.0	23	5221.0
Download	12	Type 2	1.8	210.0	24	5040.0
Download	13	Type 2	1.1	153.0	23	3519.0
Download	14	Type 2	2.8	222.0	26	5772.0
Download	15	Type 2	2.4	224.0	25	5600.0
Download	16	Type 2	1.8	158.0	24	3792.0
Download	17	Type 2	1.2	197.0	23	4531.0
Download	18	Type 2	3.0	205.0	26	5330.0
Download	19	Type 2	4.6	160.0	29	4640.0
Download	20	Type 2	4.1	204.0	28	5712.0
Download	21	Type 2	3.0	183.0	26	4758.0
Download	22	Type 2	3.0	173.0	26	4498.0
Download	23	Type 2	3.1	218.0	26	5668.0
Download	24	Type 2	3.0	194.0	26	5044.0
Download	25	Type 2	2.4	213.0	25	5325.0
Download	26	Type 2	3.0	192.0	26	4992.0
Download	27	Type 2	2.3	170.0	25	4250.0
Download	28	Type 2	1.5	207.0	24	4968.0
Download	29	Type 2	1.1	199.0	23	4577.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.6	237.0	18	4266.0
Download	1	Type 3	7.7	218.0	17	3706.0
Download	2	Type 3	6.4	367.0	16	5872.0
Download	3	Type 3	8.9	500.0	18	9000.0
Download	4	Type 3	7.4	494.0	17	8398.0
Download	5	Type 3	7.2	318.0	16	5088.0
Download	6	Type 3	6.7	369.0	16	5904.0
Download	7	Type 3	8.1	414.0	17	7038.0
Download	8	Type 3	6.7	450.0	16	7200.0
Download	9	Type 3	8.8	311.0	18	5598.0
Download	10	Type 3	7.6	390.0	17	6630.0
Download	11	Type 3	6.3	381.0	16	6096.0
Download	12	Type 3	6.8	398.0	16	6368.0
Download	13	Type 3	6.1	335.0	16	5360.0
Download	14	Type 3	7.8	324.0	17	5508.0
Download	15	Type 3	7.4	212.0	17	3604.0
Download	16	Type 3	6.8	457.0	16	7312.0
Download	17	Type 3	6.2	491.0	16	7856.0
Download	18	Type 3	8.0	235.0	17	3995.0
Download	19	Type 3	9.6	265.0	18	4770.0
Download	20	Type 3	9.1	365.0	18	6570.0
Download	21	Type 3	8.0	403.0	17	6851.0
Download	22	Type 3	8.0	205.0	17	3485.0
Download	23	Type 3	8.1	209.0	17	3553.0
Download	24	Type 3	8.0	372.0	17	6324.0
Download	25	Type 3	7.4	433.0	17	7361.0
Download	26	Type 3	8.0	217.0	17	3689.0
Download	27	Type 3	7.3	442.0	16	7072.0
Download	28	Type 3	6.5	327.0	16	5232.0
Download	29	Type 3	6.1	353.0	16	5648.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	19.1	237.0	16	3792.0
Download	1	Type 4	14.8	218.0	14	3052.0
Download	2	Type 4	11.8	367.0	12	4404.0
Download	3	Type 4	17.5	500.0	15	7500.0
Download	4	Type 4	14.1	494.0	13	6422.0
Download	5	Type 4	13.8	318.0	13	4134.0
Download	6	Type 4	12.6	369.0	12	4428.0
Download	7	Type 4	15.8	414.0	14	5796.0
Download	8	Type 4	12.6	450.0	12	5400.0
Download	9	Type 4	17.3	311.0	15	4665.0
Download	10	Type 4	14.6	390.0	13	5070.0
Download	11	Type 4	11.7	381.0	12	4572.0
Download	12	Type 4	12.8	398.0	13	5174.0
Download	13	Type 4	11.3	335.0	12	4020.0
Download	14	Type 4	15.2	324.0	14	4536.0
Download	15	Type 4	14.1	212.0	13	2756.0
Download	16	Type 4	12.9	457.0	13	5941.0
Download	17	Type 4	11.6	491.0	12	5892.0
Download	18	Type 4	15.4	235.0	14	3290.0
Download	19	Type 4	19.1	265.0	16	4240.0
Download	20	Type 4	18.0	365.0	15	5475.0
Download	21	Type 4	15.4	403.0	14	5642.0
Download	22	Type 4	15.5	205.0	14	2870.0
Download	23	Type 4	15.7	209.0	14	2926.0
Download	24	Type 4	15.5	372.0	14	5208.0
Download	25	Type 4	14.2	433.0	13	5629.0
Download	26	Type 4	15.6	217.0	14	3038.0
Download	27	Type 4	13.9	442.0	13	5746.0
Download	28	Type 4	12.3	327.0	12	3924.0
Download	29	Type 4	11.2	353.0	12	4236.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5500	1	15	5494	1
1	5500	1	16	5493.2	1
2	5500	1	17	5492.4	0
3	5500	1	18	5494.8	1
4	5500	1	19	5497.6	0
5	5500	1	20	5503.2	1
6	5500	1	21	5505.2	1
7	5500	1	22	5505.2	1
8	5500	1	23	5504.8	1
9	5500	1	24	5505.2	1
10	5494.4	1	25	5506	1
11	5492.4	1	26	5504.8	1
12	5493.2	1	27	5506	1
13	5492	1	28	5507.2	1
14	5494.8	1	29	5508	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)
85976.0	94.8	19	3	1937.0	1884.0	1505.0
238809.0	71.2	19	2	1094.0	1740.0	-
392188.0	54.9	19	1	1406.0	-	-
541709.0	86.0	19	3	1867.0	1442.0	1930.0
67532.0	67.3	19	2	1334.0	1529.0	-
220643.0	65.8	19	1	1068.0	-	-
373270.0	59.0	19	1	1561.0	-	-
524508.0	76.7	19	2	1672.0	1759.0	-
48844.0	59.1	19	1	1640.0	-	-
200825.0	85.0	19	3	1314.0	1134.0	1689.0
353542.0	69.8	19	2	1637.0	1535.0	-
507591.0	54.2	19	1	1135.0	-	-
30042.0	60.1	19	1	1279.0	-	-
182765.0	52.1	19	1	1777.0	-	-
334906.0	73.2	19	2	1881.0	1034.0	-
487607.0	67.5	19	2	1013.0	1605.0	-
11214.0	60.6	19	1	1224.0	-	-
164149.0	53.3	19	1	1015.0	-	-
316322.0	74.6	19	2	1444.0	1079.0	-

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)
684829.0	94.8	11	3	1273.0	1083.0	1960.0
908037.0	88.6	11	3	1153.0	1536.0	1243.0
212103.0	74.7	11	2	1601.0	1073.0	-
435402.0	74.7	11	2	1269.0	1252.0	-
657893.0	75.9	11	2	1711.0	1890.0	-
881166.0	74.8	11	2	1933.0	1385.0	-
184402.0	68.1	11	2	1747.0	1950.0	-
407696.0	75.5	11	2	1180.0	1805.0	-
631628.0	66.2	11	1	1846.0	-	-
855674.0	57.2	11	1	1179.0	-	-
157276.0	51.3	11	1	1702.0	-	-
380244.0	72.4	11	2	1097.0	1802.0	-
602002.0	95.4	11	3	1858.0	1983.0	1215.0

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)
1193123.0	98.6	6	3	1959.0	1646.0	1515.0
187592.0	56.9	6	1	1218.0	-	-
510405.0	61.6	6	1	1915.0	-	-
831789.0	97.8	6	3	1775.0	1338.0	1242.0
1155172.0	77.1	6	2	1288.0	1842.0	-
147700.0	74.4	6	2	1052.0	1031.0	-
470903.0	65.6	6	1	1144.0	-	-
793102.0	71.9	6	2	1088.0	1564.0	-
1116044.0	78.6	6	2	1266.0	1136.0	-

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)
56989.0	78.6	16	2	1823.0	1140.0	-
227013.0	91.5	16	3	1201.0	1904.0	1268.0
396982.0	93.7	16	3	1910.0	1297.0	1465.0
568210.0	80.0	16	2	1970.0	1265.0	-
35941.0	98.4	16	3	1379.0	1429.0	1102.0
206534.0	70.3	16	2	1425.0	1321.0	-
377714.0	50.7	16	1	1539.0	-	-
547385.0	70.4	16	2	1208.0	1813.0	-
15031.0	61.4	16	1	1051.0	-	-
185899.0	59.3	16	1	1339.0	-	-
354828.0	97.9	16	3	1938.0	1552.0	1691.0
525653.0	84.5	16	3	1158.0	1149.0	1695.0
697751.0	76.4	16	2	1025.0	1091.0	-
164469.0	79.9	16	2	1138.0	1833.0	-
334956.0	70.0	16	2	1919.0	1035.0	-
504902.0	96.5	16	3	1267.0	1055.0	1378.0
675844.0	79.0	16	2	1860.0	1174.0	-

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)
203761.0	61.2	10	1	1703.0	-	-
445172.0	99.2	10	3	1058.0	1116.0	1112.0
685671.0	90.4	10	3	1559.0	1952.0	1568.0
927555.0	92.9	10	3	1712.0	1607.0	1133.0
173876.0	69.4	10	2	1004.0	1050.0	-
416103.0	57.8	10	1	1590.0	-	-
658133.0	62.5	10	1	1765.0	-	-
899199.0	74.5	10	2	1807.0	1110.0	-
144106.0	55.7	10	1	1761.0	-	-
386271.0	53.2	10	1	1604.0	-	-
626837.0	90.5	10	3	1440.0	1427.0	1241.0
869149.0	75.4	10	2	1598.0	1619.0	-

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)
114032.0	90.5	10	3	1320.0	1331.0	1307.0
355403.0	86.2	10	3	1484.0	1832.0	1206.0
597211.0	87.8	10	3	1130.0	1638.0	1131.0
840622.0	52.7	10	1	1732.0	-	-
84478.0	66.2	10	1	1575.0	-	-
326738.0	60.0	10	1	1238.0	-	-
567935.0	83.2	10	2	1854.0	1199.0	-
810017.0	81.0	10	2	1380.0	1315.0	-
54499.0	96.0	10	3	1348.0	1387.0	1618.0
296594.0	76.4	10	2	1120.0	1150.0	-
537583.0	97.9	10	3	1504.0	1503.0	1099.0
779717.0	74.8	10	2	1825.0	1516.0	-

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)
29696.0	95.9	7	3	1792.0	1901.0	1877.0
319519.0	95.8	7	3	1942.0	1885.0	1237.0
609828.0	92.0	7	3	1658.0	1123.0	1303.0
901126.0	74.5	7	2	1414.0	1007.0	-
1192880.0	60.8	7	1	1111.0	-	-
284308.0	72.1	7	2	1190.0	1822.0	-
574586.0	77.1	7	2	1258.0	1815.0	-
864371.0	91.7	7	3	1477.0	1125.0	1173.0
1156720.0	51.3	7	1	1469.0	-	-
248325.0	98.2	7	3	1107.0	1233.0	1752.0

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)
385339.0	63.2	13	1	1170.0	-	-
592484.0	66.5	13	1	1827.0	-	-
799208.0	81.6	13	2	1234.0	1360.0	-
151615.0	85.8	13	3	1560.0	1375.0	1341.0
359439.0	59.1	13	1	1953.0	-	-
565189.0	83.7	13	3	1724.0	1165.0	1569.0
773262.0	81.2	13	2	1143.0	1912.0	-
126588.0	55.5	13	1	1225.0	-	-
332886.0	92.7	13	3	1657.0	1589.0	1280.0
540464.0	67.1	13	2	1708.0	1567.0	-
748726.0	60.2	13	1	1936.0	-	-
100697.0	95.0	13	3	1263.0	1286.0	1391.0
307855.0	71.0	13	2	1872.0	1432.0	-
515280.0	73.2	13	2	1021.0	1715.0	-

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)
1013547.0	60.1	7	1	1412.0	-	-
105513.0	81.7	7	2	1855.0	1142.0	-
396156.0	60.2	7	1	1994.0	-	-
686142.0	69.9	7	2	1946.0	1039.0	-
975212.0	86.8	7	3	1921.0	1492.0	1098.0
69850.0	65.4	7	1	1346.0	-	-
359970.0	83.0	7	2	1499.0	1814.0	-
649411.0	84.8	7	3	1773.0	1955.0	1044.0
942235.0	51.3	7	1	1027.0	-	-
34042.0	65.5	7	1	1300.0	-	-

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)
190205.0	97.0	16	3	1554.0	1074.0	1212.0
360988.0	73.6	16	2	1654.0	1183.0	-
532554.0	65.8	16	1	1441.0	-	-
699779.0	88.1	16	3	1228.0	1856.0	1986.0
169842.0	63.6	16	1	1310.0	-	-
338785.0	83.7	16	3	1918.0	1898.0	1502.0
509983.0	76.1	16	2	1922.0	1621.0	-
679680.0	98.9	16	3	1328.0	1838.0	1040.0
148469.0	74.0	16	2	1176.0	1671.0	-
318181.0	92.4	16	3	1620.0	1836.0	1146.0
489258.0	72.9	16	2	1688.0	1486.0	-
660120.0	71.3	16	2	1617.0	1095.0	-
127571.0	71.2	16	2	1072.0	1197.0	-
297938.0	80.5	16	2	1562.0	1371.0	-
469284.0	50.8	16	1	1645.0	-	-
637785.0	99.6	16	3	1603.0	1118.0	1453.0
106288.0	99.9	16	3	1377.0	1163.0	1464.0

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)
362060.0	90.5	11	3	1947.0	1061.0	1053.0
585032.0	83.8	11	3	1682.0	1082.0	1168.0
808570.0	80.8	11	2	1500.0	1731.0	-
112084.0	64.5	11	1	1026.0	-	-
335471.0	50.8	11	1	1683.0	-	-
558131.0	74.8	11	2	1995.0	1019.0	-
780904.0	68.8	11	2	1801.0	1650.0	-
84516.0	64.4	11	1	1271.0	-	-
307360.0	79.1	11	2	1806.0	1628.0	-
531585.0	61.8	11	1	1383.0	-	-
755420.0	57.1	11	1	1022.0	-	-
56937.0	54.8	11	1	1928.0	-	-
279649.0	85.9	11	3	1454.0	1633.0	1127.0

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)
728483.0	65.1	6	1	1247.0	-	-
1049979.0	78.5	6	2	1397.0	1847.0	-
42521.0	65.1	6	1	1882.0	-	-
365599.0	66.0	6	1	1305.0	-	-
687361.0	88.8	6	3	1289.0	1103.0	1420.0
1009604.0	85.6	6	3	1023.0	1525.0	1538.0
2743.0	67.9	6	2	1089.0	1639.0	-
325297.0	93.1	6	3	1028.0	1043.0	1312.0
647468.0	91.9	6	3	1313.0	1285.0	1574.0

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)
874229.0	59.0	8	1	1863.0	-	-
1161930.0	91.0	8	3	1556.0	1873.0	1401.0
257418.0	61.4	8	1	1139.0	-	-
547355.0	71.0	8	2	1876.0	1067.0	-
837123.0	78.7	8	2	1808.0	1929.0	-
1129309.0	50.2	8	1	1557.0	-	-
220954.0	88.8	8	3	1526.0	1259.0	1866.0
512161.0	60.5	8	1	1614.0	-	-
801598.0	79.8	8	2	1969.0	1452.0	-
1092097.0	69.0	8	2	1204.0	1897.0	-

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)
231704.0	87.3	5	3	1788.0	1830.0	1229.0
595678.0	65.6	5	1	1445.0	-	-
956633.0	92.6	5	3	1531.0	1914.0	1894.0
1322621.0	50.9	5	1	1389.0	-	-
187258.0	70.5	5	2	1419.0	1664.0	-
550861.0	51.0	5	1	1579.0	-	-
912694.0	96.2	5	3	1466.0	1214.0	1490.0
1275097.0	98.9	5	3	1828.0	1008.0	1783.0

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)
81253.0	97.0	12	3	1370.0	1054.0	1421.0
288693.0	73.7	12	2	1213.0	1184.0	-
494416.0	84.5	12	3	1993.0	1457.0	1669.0
702713.0	71.8	12	2	1494.0	1615.0	-
55808.0	69.0	12	2	1819.0	1299.0	-
262406.0	94.1	12	3	1660.0	1812.0	1367.0
469290.0	88.1	12	3	1448.0	1433.0	1643.0
677040.0	77.2	12	2	1988.0	1322.0	-
30239.0	94.5	12	3	1794.0	1713.0	1175.0
238005.0	56.1	12	1	1024.0	-	-
445356.0	55.2	12	1	1571.0	-	-
650639.0	91.7	12	3	1546.0	1923.0	1012.0
4791.0	65.3	12	1	1478.0	-	-
211978.0	81.7	12	2	1148.0	1694.0	-

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)
489809.0	56.7	10	1	1738.0	-	-
730235.0	98.6	10	3	1678.0	1159.0	1198.0
973388.0	74.8	10	2	1169.0	1226.0	-
217440.0	89.8	10	3	1018.0	1132.0	1588.0
460063.0	53.1	10	1	1572.0	-	-
701202.0	79.9	10	2	1172.0	1837.0	-
942327.0	96.1	10	3	1038.0	1410.0	1277.0
187774.0	68.5	10	2	1582.0	1644.0	-
429685.0	75.6	10	2	1600.0	1250.0	-
671512.0	68.6	10	2	1462.0	1407.0	-
912575.0	82.0	10	2	1835.0	1878.0	-
157824.0	88.2	10	3	1487.0	1741.0	1080.0

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)
479990.0	67.6	8	2	1917.0	1217.0	-
770068.0	70.3	8	2	1665.0	1778.0	-
1060486.0	72.6	8	2	1978.0	1222.0	-
154010.0	77.6	8	2	1030.0	1684.0	-
443591.0	94.6	8	3	1781.0	1964.0	1121.0
735814.0	65.0	8	1	1011.0	-	-
1023089.0	92.7	8	3	1974.0	1347.0	1800.0
118151.0	86.7	8	3	1376.0	1261.0	1002.0
408607.0	70.9	8	2	1402.0	1354.0	-
699101.0	69.4	8	2	1126.0	1416.0	-

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)
1237977.0	57.3	6	1	1879.0	-	-
103018.0	87.2	6	3	1495.0	1534.0	1439.0
466119.0	72.0	6	2	1366.0	1859.0	-
829178.0	67.4	6	2	1675.0	1471.0	-
1192009.0	82.9	6	2	1753.0	1649.0	-
58440.0	51.4	6	1	1906.0	-	-
421920.0	55.8	6	1	1393.0	-	-
784583.0	82.7	6	2	1194.0	1718.0	-

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)
656134.0	55.2	12	1	1246.0	-	-
7795.0	88.1	12	3	1585.0	1137.0	1211.0
215408.0	53.7	12	1	1220.0	-	-
422848.0	55.6	12	1	1520.0	-	-
630060.0	58.8	12	1	1931.0	-	-
834641.0	94.0	12	3	1811.0	1497.0	1518.0
189356.0	76.2	12	2	1434.0	1956.0	-
396438.0	80.8	12	2	1735.0	1612.0	-
602398.0	97.9	12	3	1954.0	1624.0	1343.0
812338.0	66.3	12	1	1498.0	-	-
164125.0	52.7	12	1	1963.0	-	-
370902.0	78.5	12	2	1934.0	1482.0	-
577204.0	98.1	12	3	1648.0	1455.0	1426.0
786901.0	65.9	12	1	1362.0	-	-

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)
101612.0	89.8	19	3	1613.0	1205.0	1698.0
254208.0	80.8	19	2	1485.0	1762.0	-
406734.0	76.4	19	2	1729.0	1308.0	-
559763.0	67.8	19	2	1191.0	1185.0	-
83245.0	54.6	19	1	1743.0	-	-
235581.0	66.8	19	2	1066.0	1796.0	-
388867.0	61.5	19	1	1563.0	-	-
539147.0	90.2	19	3	1365.0	1501.0	1626.0
64155.0	99.1	19	3	1697.0	1223.0	1509.0
216825.0	78.6	19	2	1493.0	1292.0	-
370357.0	60.8	19	1	1032.0	-	-
520760.0	87.3	19	3	1456.0	1182.0	1436.0
45428.0	91.3	19	3	1129.0	1630.0	1550.0
197645.0	87.7	19	3	1059.0	1578.0	1404.0
350209.0	67.8	19	2	1647.0	1736.0	-
501599.0	85.8	19	3	1392.0	1944.0	1257.0
26683.0	97.0	19	3	1156.0	1431.0	1848.0
178784.0	94.7	19	3	1653.0	1291.0	1496.0
332516.0	62.7	19	1	1349.0	-	-

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)
509742.0	92.9	17	3	1840.0	1239.0	1707.0
8432.0	63.3	17	1	1287.0	-	-
168853.0	94.0	17	3	1809.0	1667.0	1551.0
329466.0	84.5	17	3	1306.0	1925.0	1506.0
492599.0	62.0	17	1	1232.0	-	-
653410.0	61.5	17	1	1820.0	-	-
149511.0	78.6	17	2	1782.0	1364.0	-
311073.0	51.3	17	1	1784.0	-	-
472602.0	63.8	17	1	1398.0	-	-
632419.0	67.1	17	2	1888.0	1117.0	-
129778.0	76.3	17	2	1408.0	1282.0	-
290068.0	84.0	17	3	1845.0	1005.0	1542.0
451080.0	92.5	17	3	1558.0	1147.0	1114.0
612717.0	71.4	17	2	1192.0	1679.0	-
109698.0	91.5	17	3	1029.0	1296.0	1841.0
270238.0	97.4	17	3	1870.0	1036.0	1596.0
431307.0	91.2	17	3	1345.0	1077.0	1352.0
591542.0	91.0	17	3	1295.0	1728.0	1353.0

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)
116115.0	65.0	12	1	1510.0	-	-
322354.0	96.9	12	3	1396.0	1553.0	1941.0
529668.0	89.0	12	3	1368.0	1141.0	1390.0
737287.0	71.1	12	2	1623.0	1488.0	-
90537.0	65.1	12	1	1663.0	-	-
296884.0	89.0	12	3	1899.0	1358.0	1661.0
504542.0	75.1	12	2	1755.0	1528.0	-
710387.0	94.8	12	3	1746.0	1610.0	1418.0
64822.0	71.5	12	2	1887.0	1857.0	-
272559.0	52.7	12	1	1355.0	-	-
478257.0	88.6	12	3	1853.0	1714.0	1100.0
687948.0	62.9	12	1	1010.0	-	-
39423.0	62.1	12	1	1668.0	-	-
246665.0	69.3	12	2	1388.0	1105.0	-

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)
454340.0	58.1	12	1	1748.0	-	-
661698.0	65.7	12	1	1880.0	-	-
13867.0	55.1	12	1	1670.0	-	-
221428.0	52.5	12	1	1351.0	-	-
427526.0	95.9	12	3	1475.0	1737.0	1048.0
634368.0	96.4	12	3	1236.0	1609.0	1428.0
843629.0	64.4	12	1	1826.0	-	-
195784.0	56.3	12	1	1692.0	-	-
402785.0	76.0	12	2	1227.0	1467.0	-
610776.0	65.4	12	1	1629.0	-	-
814820.0	97.7	12	3	1891.0	1861.0	1479.0
170003.0	73.1	12	2	1084.0	1739.0	-
376944.0	72.7	12	2	1723.0	1685.0	-
583194.0	94.7	12	3	1171.0	1696.0	1722.0

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)
791169.0	68.4	13	2	1987.0	1302.0	-
144643.0	65.9	13	1	1862.0	-	-
350926.0	99.9	13	3	1981.0	1565.0	1109.0
558123.0	90.3	13	3	1207.0	1200.0	1573.0
766312.0	76.7	13	2	1056.0	1507.0	-
118595.0	94.8	13	3	1824.0	1889.0	1720.0
326391.0	82.0	13	2	1003.0	1210.0	-
532254.0	97.8	13	3	1472.0	1459.0	1659.0
740692.0	73.7	13	2	1186.0	1481.0	-
93430.0	71.8	13	2	1635.0	1240.0	-
299936.0	98.3	13	3	1798.0	1281.0	1733.0
508339.0	54.9	13	1	1976.0	-	-
715828.0	59.3	13	1	1875.0	-	-
67887.0	67.2	13	2	1797.0	1359.0	-

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)
274386.0	90.0	12	3	1113.0	1990.0	1980.0
482197.0	75.9	12	2	1033.0	1996.0	-
690662.0	62.8	12	1	1399.0	-	-
42444.0	50.9	12	1	1774.0	-	-
249901.0	55.0	12	1	1763.0	-	-
457519.0	57.0	12	1	1460.0	-	-
663200.0	75.9	12	2	1939.0	1900.0	-
16854.0	76.7	12	2	1716.0	1893.0	-
224429.0	66.2	12	1	1449.0	-	-
430737.0	88.9	12	3	1704.0	1064.0	1108.0
639598.0	51.4	12	1	1311.0	-	-
844440.0	94.8	12	3	1045.0	1744.0	1274.0
198443.0	76.5	12	2	1593.0	1676.0	-
406429.0	58.7	12	1	1386.0	-	-

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)
714829.0	70.8	10	2	1957.0	1719.0	-
956772.0	73.5	10	2	1991.0	1369.0	-
201860.0	73.5	10	2	1662.0	1641.0	-
442823.0	92.0	10	3	1566.0	1868.0	1592.0
686447.0	66.2	10	1	1666.0	-	-
927853.0	80.5	10	2	1384.0	1057.0	-
172140.0	76.4	10	2	1726.0	1254.0	-
414740.0	55.5	10	1	1075.0	-	-
656755.0	52.9	10	1	1463.0	-	-
895424.0	98.3	10	3	1927.0	1450.0	1982.0
142142.0	86.3	10	3	1284.0	1913.0	1272.0
383964.0	67.3	10	2	1727.0	1769.0	-

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)
535359.0	87.4	13	3	1700.0	1304.0	1443.0
744814.0	60.3	13	1	1403.0	–	–
96152.0	92.0	13	3	1627.0	1907.0	2000.0
302894.0	83.4	13	3	1871.0	1329.0	1770.0
511437.0	54.3	13	1	1852.0	–	–
716717.0	91.0	13	3	1356.0	1587.0	1473.0
70820.0	87.1	13	3	1537.0	1162.0	1513.0
277563.0	97.3	13	3	1611.0	1248.0	1721.0
486010.0	66.3	13	1	1634.0	–	–
693392.0	50.1	13	1	1764.0	–	–
45469.0	52.5	13	1	1780.0	–	–
252066.0	96.8	13	3	1973.0	1076.0	1622.0
459466.0	68.1	13	2	1522.0	1945.0	–
668419.0	65.7	13	1	1020.0	–	–

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)
23221.0	68.8	10	2	1202.0	1451.0	–
264267.0	91.7	10	3	1932.0	1961.0	1926.0
506088.0	99.8	10	3	1381.0	1230.0	1831.0
749680.0	60.9	10	1	1594.0	–	–
989039.0	88.9	10	3	1548.0	1332.0	1519.0
235252.0	81.9	10	2	1544.0	1372.0	–
477052.0	68.3	10	2	1101.0	1865.0	–
719327.0	73.2	10	2	1049.0	1275.0	–
959995.0	76.9	10	2	1787.0	1886.0	–
205658.0	50.1	10	1	1977.0	–	–
446570.0	98.4	10	3	1903.0	1333.0	1283.0
690412.0	56.2	10	1	1037.0	–	–

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)
1240373.0	88.7	7	3	1244.0	1586.0	1997.0
234518.0	78.9	7	2	1203.0	1090.0	–
556432.0	90.8	7	3	1357.0	1543.0	1555.0
878561.0	84.4	7	3	1642.0	1818.0	1245.0
1202459.0	73.0	7	2	1655.0	1209.0	–
194864.0	64.6	7	1	1541.0	–	–
517732.0	64.7	7	1	1883.0	–	–
838864.0	87.7	7	3	1317.0	1979.0	1417.0
1162567.0	69.7	7	2	1047.0	1984.0	–

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)
174435.0	65.5	5	1	1965.0	-	-
537135.0	84.7	5	3	1017.0	1400.0	1276.0
900552.0	82.8	5	2	1065.0	1772.0	-
1263153.0	84.6	5	3	1319.0	1000.0	1119.0
129762.0	60.5	5	1	1042.0	-	-
493273.0	57.7	5	1	1145.0	-	-
855704.0	79.2	5	2	1943.0	1106.0	-
1217086.0	92.4	5	3	1636.0	1760.0	1710.0

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	0
5	1	20	1
6	1	21	1
7	0	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 (%)		**93.3%**	

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5455	5469	5371	5340	5392
5	5588	5524	5294	5587	5427
10	5722	5610	5569	5422	5633
15	5509	5708	5623	5672	5690
20	5268	5463	5424	5250	5656
25	5505	5374	5284	5257	5434
30	5646	5266	5443	5490	5673
35	5389	5403	5603	5391	5591
40	5654	5302	5442	5601	5431
45	5306	5395	5598	5614	5631
50	5437	5353	5506	5279	5366
55	5645	5553	5420	5635	5311
60	5411	5473	5393	5658	5666
65	5470	5319	5549	5499	5630
70	5454	5475	5546	5326	5508
75	5465	5528	5273	5345	5387
80	5640	5583	5705	5471	5584
85	5288	5484	5381	5440	5305
90	5349	5287	5554	5444	5285
95	5447	5647	5532	5529	5642

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5613	5708	5307	5501	5709
5	5630	5546	5369	5275	5634
10	5653	5496	5468	5289	5443
15	5721	5636	5336	5668	5389
20	5601	5434	5404	5416	5698
25	5596	5508	5575	5318	5299
30	5323	5603	5481	5692	5688
35	5251	5660	5556	5517	5705
40	5674	5495	5542	5439	5530
45	5411	5453	5651	5507	5324
50	5319	5526	5554	5616	5528
55	5363	5469	5563	5682	5585
60	5580	5715	5334	5419	5480
65	5342	5597	5401	5362	5718
70	5485	5696	5606	5413	5444
75	5569	5372	5489	5717	5638
80	5529	5509	5384	5360	5583
85	5644	5679	5436	5257	5687
90	5446	5339	5458	5304	5253
95	5395	5452	5423	5388	5267

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5393	5472	5718	5662	5454
5	5294	5471	5444	5438	5366
10	5487	5285	5606	5484	5464
15	5334	5288	5439	5616	5581
20	5609	5503	5442	5505	5671
25	5387	5457	5436	5679	5352
30	5687	5463	5696	5369	5508
35	5293	5380	5553	5331	5528
40	5544	5282	5433	5685	5362
45	5391	5511	5704	5291	5286
50	5500	5370	5712	5377	5560
55	5716	5317	5562	5382	5587
60	5336	5275	5622	5547	5635
65	5365	5303	5633	5708	5632
70	5400	5315	5259	5545	5582
75	5316	5689	5515	5470	5494
80	5273	5310	5576	5479	5381
85	5555	5486	5396	5304	5410
90	5711	5549	5276	5516	5321
95	5308	5476	5447	5305	5491

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5648	5711	5654	5251	5296
5	5336	5493	5519	5601	5670
10	5418	5549	5647	5679	5485
15	5325	5415	5542	5661	5298
20	5617	5669	5383	5594	5644
25	5275	5309	5639	5308	5386
30	5480	5673	5420	5436	5618
35	5706	5432	5568	5349	5484
40	5442	5462	5371	5450	5433
45	5291	5555	5472	5282	5556
50	5637	5676	5421	5326	5675
55	5407	5429	5271	5277	5461
60	5465	5440	5567	5379	5558
65	5408	5504	5715	5443	5524
70	5678	5554	5262	5394	5709
75	5285	5334	5561	5451	5649
80	5286	5566	5265	5378	5389
85	5328	5457	5588	5269	5722
90	5656	5705	5401	5310	5301
95	5579	5435	5363	5460	5345

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5428	5475	5590	5412	5516
5	5378	5418	5594	5667	5402
10	5349	5338	5688	5399	5506
15	5413	5445	5645	5706	5490
20	5528	5263	5324	5586	5617
25	5541	5258	5270	5420	5522
30	5562	5377	5554	5295	5526
35	5571	5659	5620	5637	5356
40	5319	5545	5309	5690	5430
45	5598	5351	5638	5530	5335
50	5443	5513	5472	5415	5498
55	5700	5467	5495	5432	5605
60	5512	5686	5384	5354	5327
65	5664	5608	5275	5556	5540
70	5362	5718	5437	5668	5632
75	5454	5704	5426	5396	5347
80	5429	5702	5375	5470	5389
85	5267	5517	5683	5612	5298
90	5566	5561	5344	5658	5452
95	5444	5641	5697	5386	5455

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5586	5714	5526	5573	5358
5	5420	5440	5669	5355	5609
10	5658	5602	5254	5497	5527
15	5501	5572	5651	5276	5682
20	5536	5429	5362	5675	5590
25	5585	5473	5613	5454	5661
30	5451	5334	5294	5544	5724
35	5710	5275	5513	5412	5367
40	5633	5628	5722	5455	5524
45	5331	5721	5588	5388	5708
50	5292	5553	5523	5504	5699
55	5673	5330	5654	5657	5692
60	5403	5626	5295	5457	5518
65	5685	5300	5528	5644	5485
70	5589	5662	5250	5365	5470
75	5413	5627	5601	5477	5678
80	5409	5603	5593	5290	5372
85	5287	5584	5480	5400	5577
90	5252	5677	5723	5256	5567
95	5281	5540	5700	5469	5428

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5366	5478	5462	5259	5578
5	5559	5365	5269	5518	5438
10	5589	5488	5295	5692	5548
15	5699	5279	5399	5544	5498
20	5303	5667	5563	5317	5437
25	5676	5717	5703	5291	5509
30	5696	5277	5309	5565	5281
35	5472	5711	5660	5598	5521
40	5456	5311	5329	5549	5344
45	5595	5643	5254	5574	5593
50	5522	5617	5421	5608	5372
55	5511	5374	5280	5460	5499
60	5447	5721	5351	5562	5583
65	5481	5465	5322	5512	5319
70	5389	5586	5473	5597	5418
75	5394	5455	5519	5384	5353
80	5272	5482	5670	5426	5540
85	5495	5445	5450	5446	5573
90	5315	5325	5334	5486	5528
95	5514	5502	5428	5404	5379

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5621	5339	5398	5420	5601
5	5387	5344	5681	5645	5520
10	5277	5336	5412	5569	5580
15	5351	5382	5269	5688	5455
20	5664	5719	5281	5536	5583
25	5386	5404	5346	5522	5270
30	5326	5723	5724	5470	5364
35	5416	5457	5718	5670	5311
40	5598	5363	5518	5288	5669
45	5607	5397	5385	5519	5430
50	5625	5304	5345	5464	5609
55	5562	5330	5409	5444	5279
60	5434	5289	5552	5511	5619
65	5527	5276	5268	5394	5595
70	5468	5643	5365	5545	5442
75	5717	5561	5375	5707	5629
80	5640	5349	5513	5677	5503
85	5687	5410	5257	5698	5266
90	5586	5676	5252	5682	5443
95	5600	5493	5481	5602	5591

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5401	5578	5334	5581	5640
5	5643	5312	5419	5272	5377
10	5354	5541	5607	5590	5668
15	5478	5485	5314	5405	5463
20	5258	5660	5273	5509	5471
25	5713	5450	5556	5409	5680
30	5367	5622	5562	5555	5548
35	5376	5493	5681	5722	5499
40	5536	5603	5515	5692	5649
45	5495	5665	5650	5395	5606
50	5676	5393	5408	5322	5516
55	5277	5527	5694	5538	5315
60	5389	5586	5260	5710	5278
65	5460	5655	5359	5546	5563
70	5492	5341	5504	5362	5453
75	5484	5642	5421	5513	5576
80	5266	5397	5573	5682	5404
85	5308	5464	5654	5286	5467
90	5455	5617	5638	5477	5407
95	5363	5537	5422	5263	5328

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5656	5342	5270	5267	5482
5	5307	5334	5494	5435	5681
10	5285	5330	5418	5327	5611
15	5281	5508	5588	5359	5597
20	5471	5424	5698	5362	5262
25	5662	5713	5554	5590	5451
30	5676	5637	5582	5396	5382
35	5261	5269	5646	5595	5561
40	5377	5271	5512	5524	5629
45	5578	5626	5503	5537	5649
50	5252	5369	5255	5510	5470
55	5370	5346	5665	5667	5480
60	5658	5576	5409	5594	5569
65	5438	5635	5567	5571	5341
70	5695	5463	5283	5275	5434
75	5639	5277	5677	5263	5592
80	5476	5621	5526	5499	5718
85	5719	5284	5344	5688	5349
90	5564	5634	5693	5558	5305
95	5640	5620	5540	5257	5686

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5339	5581	5303	5331	5702
5	5349	5356	5569	5598	5413
10	5594	5556	5425	5632	5369
15	5635	5307	5314	5382	5493
20	5639	5354	5455	5625	5514
25	5441	5280	5624	5565	5322
30	5548	5580	5261	5352	5540
35	5324	5509	5400	5665	5315
40	5511	5453	5609	5661	5684
45	5327	5525	5483	5571	5667
50	5674	5698	5424	5560	5640
55	5636	5321	5645	5376	5347
60	5484	5699	5302	5358	5630
65	5401	5330	5530	5329	5650
70	5574	5568	5671	5422	5252
75	5505	5415	5416	5387	5458
80	5269	5260	5409	5476	5463
85	5586	5691	5492	5482	5694
90	5257	5576	5651	5273	5542
95	5678	5268	5343	5277	5655

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5594	5345	5714	5492	5447
5	5391	5281	5644	5286	5620
10	5525	5480	5597	5653	5360
15	5287	5697	5352	5506	5390
20	5659	5580	5443	5428	5416
25	5366	5384	5658	5535	5551
30	5537	5322	5400	5336	5574
35	5423	5370	5253	5276	5603
40	5382	5589	5269	5267	5609
45	5689	5401	5354	5282	5490
50	5521	5411	5378	5275	5459
55	5510	5353	5335	5321	5654
60	5407	5645	5600	5307	5666
65	5611	5333	5636	5674	5417
70	5647	5381	5599	5625	5464
75	5396	5668	5433	5387	5635
80	5604	5379	5305	5549	5311
85	5643	5680	5669	5491	5685
90	5290	5328	5526	5576	5678
95	5371	5638	5451	5489	5722

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5374	5584	5650	5653	5289
5	5433	5303	5719	5352	5449
10	5456	5269	5638	5340	5674
15	5448	5414	5325	5397	5698
20	5398	5350	5618	5435	5401
25	5304	5315	5372	5488	5692
30	5440	5508	5655	5474	5598
35	5539	5534	5704	5252	5434
40	5453	5666	5516	5600	5689
45	5569	5703	5565	5479	5277
50	5360	5405	5371	5313	5465
55	5502	5332	5656	5481	5482
60	5500	5266	5486	5708	5591
65	5326	5256	5605	5443	5395
70	5611	5570	5622	5677	5623
75	5568	5270	5510	5377	5445
80	5495	5597	5450	5632	5324
85	5282	5512	5503	5419	5696
90	5416	5364	5328	5373	5319
95	5307	5383	5607	5657	5361

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5629	5348	5586	5339	5509
5	5572	5703	5319	5515	5656
10	5290	5533	5679	5535	5695
15	5536	5541	5428	5345	5415
20	5309	5419	5559	5524	5374
25	5667	5642	5575	5592	5251
30	5716	5329	5465	5395	5723
35	5418	5581	5625	5500	5405
40	5489	5604	5659	5597	5618
45	5452	5435	5286	5366	5531
50	5439	5456	5460	5514	5312
55	5690	5664	5655	5475	5611
60	5665	5686	5318	5534	5537
65	5624	5680	5641	5653	5287
70	5414	5608	5302	5590	5599
75	5299	5440	5390	5358	5697
80	5620	5276	5513	5519	5282
85	5561	5384	5272	5698	5529
90	5334	5640	5633	5331	5324
95	5438	5591	5372	5539	5577

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5312	5587	5522	5500	5351
5	5614	5250	5394	5678	5388
10	5696	5322	5720	5255	5716
15	5624	5571	5531	5390	5607
20	5317	5585	5516	5347	5458
25	5591	5681	5318	5285	5283
30	5315	5422	5610	5400	5616
35	5338	5296	5655	5262	5328
40	5542	5424	5594	5450	5432
45	5518	5344	5671	5631	5407
50	5615	5507	5549	5337	5256
55	5403	5618	5370	5294	5423
60	5265	5355	5253	5625	5457
65	5580	5350	5629	5485	5557
70	5595	5336	5691	5305	5342
75	5575	5258	5409	5510	5699
80	5339	5377	5633	5532	5353
85	5673	5626	5660	5535	5252
90	5701	5437	5694	5340	5674
95	5515	5440	5341	5493	5367

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5567	5351	5458	5661	5571
5	5656	5650	5469	5366	5595
10	5627	5586	5286	5353	5262
15	5615	5698	5537	5435	5421
20	5325	5654	5538	5605	5320
25	5346	5443	5409	5422	5319
30	5679	5379	5350	5649	5436
35	5384	5429	5333	5273	5642
40	5324	5480	5664	5591	5412
45	5601	5305	5724	5518	5283
50	5316	5558	5260	5635	5578
55	5572	5560	5491	5297	5394
60	5520	5673	5554	5526	5551
65	5616	5695	5449	5398	5408
70	5677	5405	5666	5454	5692
75	5281	5533	5367	5629	5268
80	5313	5517	5261	5623	5531
85	5563	5342	5507	5277	5685
90	5716	5708	5300	5549	5358
95	5548	5265	5400	5308	5577

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5347	5590	5394	5413	5698
5	5672	5544	5529	5424	5461
10	5472	5327	5548	5283	5703
15	5350	5640	5480	5613	5711
20	5345	5479	5597	5293	5612
25	5295	5526	5353	5464	5568
30	5336	5468	5326	5256	5426
35	5520	5460	5486	5662	5481
40	5407	5418	5429	5685	5308
45	5392	5684	5363	5302	5634
50	5492	5609	5349	5458	5522
55	5304	5653	5310	5268	5618
60	5386	5584	5374	5527	5652
65	5719	5676	5663	5408	5515
70	5430	5651	5250	5510	5301
75	5406	5281	5569	5681	5324
80	5523	5251	5563	5659	5558
85	5699	5560	5706	5536	5549
90	5449	5645	5657	5561	5603
95	5638	5379	5411	5300	5257

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5602	5354	5330	5411	5633
5	5362	5597	5619	5595	5631
10	5392	5261	5368	5268	5304
15	5316	5477	5428	5719	5414
20	5420	5686	5266	5500	5340
25	5630	5387	5506	5554	5293
30	5683	5575	5454	5565	5611
35	5256	5576	5417	5490	5259
40	5572	5682	5615	5372	5292
45	5421	5355	5670	5413	5668
50	5660	5438	5659	5369	5492
55	5480	5604	5714	5555	5375
60	5693	5507	5515	5476	5591
65	5262	5514	5479	5649	5364
70	5406	5610	5694	5298	5556
75	5282	5658	5391	5350	5370
80	5520	5446	5466	5501	5618
85	5319	5706	5455	5679	5539
90	5489	5624	5536	5352	5336
95	5692	5496	5408	5523	5519

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5382	5593	5266	5572	5475
5	5404	5619	5694	5283	5363
10	5701	5525	5506	5463	5325
15	5604	5371	5473	5522	5252
20	5580	5458	5678	5714	5291
25	5571	5543	5356	5421	5645
30	5443	5250	5423	5274	5704
35	5702	5527	5414	5587	5256
40	5670	5672	5337	5679	5544
45	5352	5472	5311	5460	5289
50	5369	5711	5482	5313	5583
55	5434	5558	5685	5684	5540
60	5605	5333	5461	5398	5425
65	5627	5569	5406	5282	5721
70	5257	5511	5688	5566	5418
75	5699	5360	5435	5501	5606
80	5437	5547	5517	5641	5440
85	5581	5393	5554	5616	5324
90	5304	5713	5705	5715	5617
95	5318	5447	5548	5687	5339

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5540	5357	5677	5258	5695
5	5446	5544	5294	5667	5632
10	5314	5547	5658	5346	5395
15	5634	5474	5518	5714	5638
20	5649	5399	5292	5687	5654
25	5520	5460	5358	5429	5682
30	5501	5472	5368	5415	5420
35	5567	5570	5278	5610	5577
40	5676	5376	5332	5555	5440
45	5364	5347	5640	5545	5287
50	5616	5305	5635	5296	5388
55	5273	5620	5559	5338	5705
60	5550	5256	5407	5599	5374
65	5566	5304	5463	5718	5514
70	5528	5535	5441	5270	5341
75	5590	5387	5601	5458	5369
80	5282	5641	5606	5261	5630
85	5277	5569	5467	5650	5681
90	5316	5523	5293	5689	5694
95	5720	5516	5542	5285	5585

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5320	5596	5613	5419	5537
5	5488	5566	5369	5609	5399
10	5563	5578	5588	5281	5367
15	5483	5286	5480	5431	5646
20	5340	5284	5660	5542	5372
25	5377	5564	5392	5254	5318
30	5639	5653	5292	5410	5506
35	5691	5342	5415	5409	5361
40	5548	5720	5673	5305	5690
45	5638	5498	5417	5612	5721
50	5338	5327	5603	5579	5484
55	5463	5439	5530	5467	5395
60	5495	5557	5353	5422	5323
65	5602	5611	5568	5266	5487
70	5704	5614	5289	5712	5407
75	5561	5413	5322	5624	5643
80	5290	5511	5272	5696	5604
85	5701	5716	5403	5572	5259
90	5570	5587	5466	5425	5637
95	5348	5705	5576	5714	5540

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5575	5360	5549	5580	5282
5	5627	5491	5444	5675	5606
10	5397	5367	5629	5476	5388
15	5571	5413	5583	5511	5623
20	5654	5409	5378	5373	5633
25	5333	5699	5668	5426	5393
30	5682	5596	5496	5427	5490
35	5597	5487	5495	5345	5541
40	5486	5485	5292	5709	5670
45	5721	5556	5470	5499	5295
50	5422	5389	5416	5329	5672
55	5296	5653	5258	5501	5560
60	5537	5593	5383	5396	5272
65	5638	5443	5363	5544	5656
70	5690	5617	5613	5688	5446
75	5376	5681	5459	5303	5619
80	5259	5424	5454	5358	5411
85	5650	5538	5664	5515	5569
90	5651	5576	5621	5348	5534
95	5403	5279	5700	5555	5451

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5355	5696	5485	5266	5599
5	5669	5513	5519	5363	5435
10	5328	5253	5670	5671	5409
15	5659	5540	5686	5556	5340
20	5565	5575	5319	5365	5606
25	5648	5308	5394	5460	5668
30	5553	5711	5579	5310	5688
35	5380	5624	5424	5250	5289
40	5541	5650	5329	5517	5523
45	5646	5598	5440	5505	5627
50	5370	5385	5368	5455	5472
55	5628	5482	5425	5306	5342
60	5446	5318	5577	5653	5633
65	5347	5298	5717	5462	5664
70	5405	5723	5326	5602	5284
75	5396	5272	5680	5521	5421
80	5408	5568	5610	5534	5721
85	5590	5589	5582	5558	5705
90	5546	5458	5263	5437	5554
95	5257	5255	5570	5476	5595

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5513	5460	5421	5427	5344
5	5711	5438	5594	5526	5642
10	5259	5517	5391	5430	5272
15	5667	5314	5601	5629	5573
20	5266	5260	5454	5579	5487
25	5500	5511	5498	5494	5477
30	5557	5510	5451	5353	5605
35	5255	5304	5651	5326	5254
40	5707	5362	5490	5286	5470
45	5630	5412	5575	5576	5522
50	5299	5491	5450	5679	5461
55	5274	5346	5282	5415	5257
60	5607	5288	5647	5267	5613
65	5485	5525	5625	5422	5284
70	5720	5689	5640	5364	5692
75	5446	5648	5265	5382	5685
80	5484	5405	5553	5319	5687
85	5327	5402	5675	5672	5313
90	5279	5588	5592	5655	5688
95	5722	5496	5416	5657	5455

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5293	5699	5357	5588	5661
5	5278	5460	5669	5689	5374
10	5568	5306	5277	5586	5451
15	5263	5697	5417	5646	5346
20	5581	5335	5676	5446	5552
25	5375	5449	5617	5602	5528
30	5519	5467	5569	5505	5328
35	5394	5395	5447	5576	5265
40	5337	5315	5678	5633	5283
45	5302	5610	5495	5532	5441
50	5301	5475	5542	5305	5273
55	5636	5286	5651	5317	5411
60	5580	5372	5433	5331	5373
65	5691	5695	5320	5494	5270
70	5723	5538	5616	5323	5564
75	5469	5316	5721	5425	5717
80	5547	5402	5456	5650	5422
85	5367	5251	5445	5511	5444
90	5594	5626	5667	5705	5298
95	5285	5275	5348	5560	5349

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5548	5463	5293	5652	5406
5	5417	5385	5269	5280	5678
10	5499	5570	5318	5684	5472
15	5351	5349	5423	5594	5538
20	5589	5501	5714	5535	5622
25	5641	5301	5345	5706	5562
30	5658	5432	5424	5309	5279
35	5623	5533	5583	5718	5254
40	5654	5651	5495	5616	5398
45	5590	5578	5585	5328	5593
50	5394	5474	5580	5377	5490
55	5366	5387	5288	5540	5270
60	5414	5493	5356	5277	5671
65	5640	5588	5527	5687	5609
70	5663	5353	5348	5592	5282
75	5459	5702	5505	5498	5707
80	5399	5300	5456	5478	5613
85	5614	5710	5680	5596	5331
90	5697	5563	5632	5344	5312
95	5292	5388	5473	5443	5607

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5328	5702	5704	5338	5723
5	5459	5407	5344	5443	5410
10	5430	5359	5456	5404	5493
15	5439	5476	5526	5639	5255
20	5500	5570	5655	5527	5595
25	5529	5628	5548	5432	5596
30	5700	5321	5381	5524	5431
35	5346	5672	5674	5611	5568
40	5587	5578	5554	5638	5374
45	5635	5473	5661	5652	5593
50	5528	5352	5644	5483	5297
55	5427	5565	5444	5556	5584
60	5637	5669	5435	5325	5657
65	5698	5397	5589	5624	5262
70	5482	5412	5260	5339	5351
75	5711	5471	5716	5502	5709
80	5505	5683	5357	5615	5279
85	5295	5396	5495	5417	5673
90	5331	5675	5256	5369	5299
95	5703	5597	5514	5361	5678

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5583	5466	5640	5499	5468
5	5501	5332	5419	5606	5617
10	5264	5720	5497	5599	5514
15	5527	5603	5629	5684	5447
20	5508	5261	5596	5616	5568
25	5320	5577	5276	5536	5630
30	5267	5685	5338	5680	5641
35	5714	5290	5407	5657	5579
40	5426	5661	5492	5403	5371
45	5467	5453	5269	5710	5691
50	5480	5404	5528	5695	5572
55	5595	5278	5398	5271	5608
60	5701	5600	5304	5632	5580
65	5644	5538	5563	5569	5277
70	5690	5325	5451	5560	5675
75	5374	5354	5648	5286	5609
80	5628	5535	5294	5358	5296
85	5262	5259	5636	5543	5349
90	5464	5709	5534	5396	5422
95	5378	5258	5377	5660	5613

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5266	5705	5576	5660	5310
5	5543	5354	5397	5294	5446
10	5670	5509	5538	5319	5535
15	5518	5255	5257	5632	5639
20	5516	5330	5634	5608	5541
25	5683	5429	5479	5640	5664
30	5406	5671	5295	5382	5357
35	5364	5378	5381	5678	5335
40	5493	5265	5269	5430	5546
45	5368	5396	5433	5352	5270
50	5658	5704	5271	5283	5418
55	5693	5466	5461	5697	5579
60	5355	5290	5724	5464	5687
65	5421	5487	5599	5304	5644
70	5501	5311	5454	5312	5423
75	5343	5377	5694	5267	5386
80	5263	5413	5458	5293	5410
85	5262	5673	5696	5618	5508
90	5261	5390	5547	5629	5715
95	5568	5656	5531	5395	5313

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5521	5469	5512	5346	5530
5	5682	5279	5472	5360	5653
10	5504	5298	5579	5514	5556
15	5606	5285	5677	5356	5427
20	5496	5575	5697	5571	5378
25	5585	5269	5698	5448	5560
30	5252	5597	5659	5517	5488
35	5407	5449	5368	5311	5365
40	5703	5413	5435	5254	5322
45	5632	5534	5405	5372	5619
50	5637	5654	5306	5651	5419
55	5550	5484	5455	5291	5393
60	5707	5633	5719	5436	5635
65	5611	5439	5296	5573	5394
70	5554	5636	5399	5593	5690
75	5497	5362	5723	5638	5373
80	5669	5622	5581	5290	5702
85	5640	5515	5713	5376	5367
90	5319	5343	5505	5538	5509
95	5345	5456	5474	5325	5412

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-20		
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	5524	1	5517	1	5522	1	5502	1
1	5514	1	5526	1	5499	1	5510	1
2	5491	1	5493	1	5513	1	5512	1
3	5520	1	5509	1	5491	1	5499	1
4	5512	1	5523	1	5499	1	5503	1
5	5522	1	5526	1	5493	1	5494	1
6	5527	1	5492	1	5514	0	5508	1
7	5503	1	5507	1	5524	1	5514	1
8	5525	1	5491	0	5526	1	5490	1
9	5508	1	5522	1	5497	1	5529	1
10	5506	1	5510	1	5495	1	5530	0
11	5492	1	5514	1	5508	1	5528	1
12	5506	1	5530	0	5512	1	5526	1
13	5528	1	5527	1	5503	1	5503	1
14	5525	1	5515	1	5514	1	5505	0
15	5510	1	5497	1	5521	1	5493	1
16	5502	1	5500	1	5528	0	5527	1
17	5522	1	5494	1	5511	1	5492	1
18	5524	1	5517	1	5530	1	5513	1
19	5501	1	5528	1	5500	1	5517	1
20	5522	1	5515	1	5516	1	5498	0
21	5516	1	5501	0	5499	1	5521	1
22	5521	1	5505	0	5494	1	5502	1
23	5498	1	5521	1	5503	0	5524	1
24	5492	1	5522	1	5522	1	5512	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
25	5519	1	5501	0	5528	1	5523	0
26	5527	1	5490	1	5527	0	5527	1
27	5490	1	5496	1	5490	1	5494	1
28	5530	1	5493	0	5510	0	5509	1
29	5514	1	5522	1	5495	1	5511	1
Probability:	100.0%		80.0%		83.3%		86.7%	
Aggregate:	**87.5% (>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	3066.0	18	55188.0
Download	1	Type 1	1.0	898.0	59	52982.0
Download	2	Type 1	1.0	678.0	78	52884.0
Download	3	Type 1	1.0	618.0	86	53148.0
Download	4	Type 1	1.0	638.0	83	52954.0
Download	5	Type 1	1.0	738.0	72	53136.0
Download	6	Type 1	1.0	578.0	92	53176.0
Download	7	Type 1	1.0	778.0	68	52904.0
Download	8	Type 1	1.0	518.0	102	52836.0
Download	9	Type 1	1.0	918.0	58	53244.0
Download	10	Type 1	1.0	938.0	57	53466.0
Download	11	Type 1	1.0	838.0	63	52794.0
Download	12	Type 1	1.0	598.0	89	53222.0
Download	13	Type 1	1.0	658.0	81	53298.0
Download	14	Type 1	1.0	698.0	76	53048.0
Download	15	Type 1	1.0	2653.0	20	53060.0
Download	16	Type 1	1.0	2108.0	26	54808.0
Download	17	Type 1	1.0	3031.0	18	54558.0
Download	18	Type 1	1.0	523.0	101	52823.0
Download	19	Type 1	1.0	2719.0	20	54380.0
Download	20	Type 1	1.0	2482.0	22	54604.0
Download	21	Type 1	1.0	1677.0	32	53664.0
Download	22	Type 1	1.0	956.0	56	53536.0
Download	23	Type 1	1.0	2050.0	26	53300.0
Download	24	Type 1	1.0	1058.0	50	52900.0
Download	25	Type 1	1.0	1156.0	46	53176.0
Download	26	Type 1	1.0	1890.0	28	52920.0
Download	27	Type 1	1.0	968.0	55	53240.0
Download	28	Type 1	1.0	954.0	56	53424.0
Download	29	Type 1	1.0	1398.0	38	53124.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	2.1	168.0	24	4032.0
Download	1	Type 2	2.0	210.0	24	5040.0
Download	2	Type 2	2.8	185.0	26	4810.0
Download	3	Type 2	4.6	215.0	29	6235.0
Download	4	Type 2	3.7	184.0	27	4968.0
Download	5	Type 2	1.7	167.0	24	4008.0
Download	6	Type 2	5.0	159.0	29	4611.0
Download	7	Type 2	3.6	161.0	27	4347.0
Download	8	Type 2	1.3	217.0	23	4991.0
Download	9	Type 2	2.2	218.0	25	5450.0
Download	10	Type 2	2.1	230.0	24	5520.0
Download	11	Type 2	2.9	189.0	26	4914.0
Download	12	Type 2	1.0	192.0	23	4416.0
Download	13	Type 2	4.1	222.0	28	6216.0
Download	14	Type 2	4.1	183.0	28	5124.0
Download	15	Type 2	1.9	171.0	24	4104.0
Download	16	Type 2	4.2	152.0	28	4256.0
Download	17	Type 2	3.7	216.0	27	5832.0
Download	18	Type 2	4.1	166.0	28	4648.0
Download	19	Type 2	2.8	229.0	26	5954.0
Download	20	Type 2	4.9	164.0	29	4756.0
Download	21	Type 2	4.3	213.0	28	5964.0
Download	22	Type 2	2.0	170.0	24	4080.0
Download	23	Type 2	4.5	196.0	29	5684.0
Download	24	Type 2	4.5	228.0	29	6612.0
Download	25	Type 2	4.4	174.0	28	4872.0
Download	26	Type 2	4.8	208.0	29	6032.0
Download	27	Type 2	2.3	203.0	25	5075.0
Download	28	Type 2	1.1	201.0	23	4623.0
Download	29	Type 2	4.6	186.0	29	5394.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.1	392.0	16	6272.0
Download	1	Type 3	7.0	424.0	16	6784.0
Download	2	Type 3	7.8	288.0	17	4896.0
Download	3	Type 3	9.6	373.0	18	6714.0
Download	4	Type 3	8.7	462.0	18	8316.0
Download	5	Type 3	6.7	225.0	16	3600.0
Download	6	Type 3	10.0	371.0	18	6678.0
Download	7	Type 3	8.6	259.0	17	4403.0
Download	8	Type 3	6.3	210.0	16	3360.0
Download	9	Type 3	7.2	251.0	16	4016.0
Download	10	Type 3	7.1	361.0	16	5776.0
Download	11	Type 3	7.9	244.0	17	4148.0
Download	12	Type 3	6.0	220.0	16	3520.0
Download	13	Type 3	9.1	240.0	18	4320.0
Download	14	Type 3	9.1	343.0	18	6174.0
Download	15	Type 3	6.9	401.0	16	6416.0
Download	16	Type 3	9.2	301.0	18	5418.0
Download	17	Type 3	8.7	445.0	18	8010.0
Download	18	Type 3	9.1	261.0	18	4698.0
Download	19	Type 3	7.8	223.0	17	3791.0
Download	20	Type 3	9.9	498.0	18	8964.0
Download	21	Type 3	9.3	430.0	18	7740.0
Download	22	Type 3	7.0	263.0	16	4208.0
Download	23	Type 3	9.5	283.0	18	5094.0
Download	24	Type 3	9.5	285.0	18	5130.0
Download	25	Type 3	9.4	461.0	18	8298.0
Download	26	Type 3	9.8	304.0	18	5472.0
Download	27	Type 3	7.3	435.0	16	6960.0
Download	28	Type 3	6.1	247.0	16	3952.0
Download	29	Type 3	9.6	262.0	18	4716.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	13.5	392.0	13	5096.0
Download	1	Type 4	13.4	424.0	13	5512.0
Download	2	Type 4	15.1	288.0	14	4032.0
Download	3	Type 4	19.1	373.0	16	5968.0
Download	4	Type 4	17.1	462.0	15	6930.0
Download	5	Type 4	12.6	225.0	12	2700.0
Download	6	Type 4	19.9	371.0	16	5936.0
Download	7	Type 4	16.7	259.0	15	3885.0
Download	8	Type 4	11.7	210.0	12	2520.0
Download	9	Type 4	13.8	251.0	13	3263.0
Download	10	Type 4	13.5	361.0	13	4693.0
Download	11	Type 4	15.2	244.0	14	3416.0
Download	12	Type 4	11.0	220.0	12	2640.0
Download	13	Type 4	18.0	240.0	15	3600.0
Download	14	Type 4	18.0	343.0	15	5145.0
Download	15	Type 4	13.0	401.0	13	5213.0
Download	16	Type 4	18.1	301.0	15	4515.0
Download	17	Type 4	17.1	445.0	15	6675.0
Download	18	Type 4	17.9	261.0	15	3915.0
Download	19	Type 4	15.1	223.0	14	3122.0
Download	20	Type 4	19.7	498.0	16	7968.0
Download	21	Type 4	18.4	430.0	16	6880.0
Download	22	Type 4	13.3	263.0	13	3419.0
Download	23	Type 4	18.8	283.0	16	4528.0
Download	24	Type 4	18.9	285.0	16	4560.0
Download	25	Type 4	18.7	461.0	16	7376.0
Download	26	Type 4	19.6	304.0	16	4864.0
Download	27	Type 4	13.9	435.0	13	5655.0
Download	28	Type 4	11.3	247.0	12	2964.0
Download	29	Type 4	19.1	262.0	16	4192.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5510	1	15	5493.2	0
1	5510	1	16	5496.8	1
2	5510	1	17	5496	1
3	5510	1	18	5496.8	1
4	5510	1	19	5494.8	1
5	5510	1	20	5522	1
6	5510	1	21	5522.8	0
7	5510	1	22	5526.4	1
8	5510	1	23	5522.8	1
9	5510	1	24	5522.8	0
10	5493.6	1	25	5522.8	1
11	5494.8	1	26	5522	1
12	5492	0	27	5526	0
13	5496.8	1	28	5528	0
14	5496.8	1	29	5522.4	1
Detection Percentage (%)			**80.0%**		

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)
572380.0	64.1	9	1	1204.0	-	-
836797.0	63.3	9	1	1036.0	-	-
11222.0	72.6	9	2	1962.0	1947.0	-
274773.0	94.6	9	3	1472.0	1227.0	1531.0
538207.0	83.8	9	3	1257.0	1494.0	1721.0
803765.0	59.1	9	1	1677.0	-	-
1065692.0	99.3	9	3	1254.0	1384.0	1330.0
242466.0	81.7	9	2	1525.0	1999.0	-
507225.0	54.0	9	1	1303.0	-	-
771284.0	65.5	9	1	1593.0	-	-
1035782.0	63.9	9	1	1273.0	-	-

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)
210201.0	73.4	9	2	1331.0	1058.0	-
474413.0	50.1	9	1	1902.0	-	-
737069.0	89.0	9	3	1387.0	1065.0	1607.0
1000734.0	89.0	9	3	1237.0	1012.0	1735.0
177786.0	61.3	9	1	1749.0	-	-
440833.0	89.2	9	3	1322.0	1527.0	1633.0
703982.0	83.8	9	3	1777.0	1359.0	1876.0
967705.0	88.2	9	3	1339.0	1629.0	1642.0
145080.0	72.8	9	2	1232.0	1782.0	-
408318.0	98.3	9	3	1977.0	1588.0	1073.0
671906.0	90.9	9	3	1403.0	1188.0	1833.0

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)
793332.0	62.9	12	1	1618.0	-	-
95078.0	92.9	12	3	1109.0	1400.0	1797.0
317667.0	93.7	12	3	1795.0	1557.0	1651.0
540934.0	92.5	12	3	1148.0	1340.0	1488.0
763180.0	97.4	12	3	1468.0	1798.0	1510.0
67842.0	66.1	12	1	1425.0	-	-
291445.0	51.7	12	1	1194.0	-	-
513252.0	94.6	12	3	1297.0	1218.0	1862.0
737992.0	63.6	12	1	1973.0	-	-
40233.0	74.1	12	2	1913.0	1245.0	-
263898.0	56.9	12	1	1217.0	-	-
485845.0	92.4	12	3	1099.0	1278.0	1927.0
709069.0	72.4	12	2	1801.0	1994.0	-

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)
8708.0	85.2	19	3	1049.0	1181.0	1117.0
161050.0	73.1	19	2	1893.0	1547.0	-
314548.0	53.6	19	1	1127.0	-	-
464649.0	93.3	19	3	1838.0	1085.0	1984.0
617801.0	84.4	19	3	1055.0	1225.0	1444.0
142674.0	51.1	19	1	1720.0	-	-
295156.0	69.4	19	2	1141.0	1174.0	-
447113.0	67.2	19	2	1689.0	1552.0	-
601267.0	58.7	19	1	1394.0	-	-
123994.0	50.6	19	1	1029.0	-	-
276742.0	59.4	19	1	1438.0	-	-
429474.0	56.1	19	1	1581.0	-	-
582701.0	62.1	19	1	1113.0	-	-
105000.0	64.2	19	1	1969.0	-	-
257912.0	64.4	19	1	1451.0	-	-
409584.0	82.7	19	2	1785.0	1436.0	-
563820.0	54.9	19	1	1164.0	-	-
86066.0	73.5	19	2	1105.0	1770.0	-
237969.0	85.7	19	3	1885.0	1103.0	1409.0

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)
465604.0	51.0	15	1	1389.0	-	-
645792.0	73.3	15	2	1439.0	1540.0	-
80086.0	50.4	15	1	1681.0	-	-
261114.0	79.7	15	2	1872.0	1131.0	-
443281.0	50.9	15	1	1320.0	-	-
622609.0	91.3	15	3	1461.0	1386.0	1169.0
57730.0	61.8	15	1	1679.0	-	-
238864.0	83.1	15	2	1722.0	1076.0	-
419901.0	80.0	15	2	1712.0	1412.0	-
602746.0	59.4	15	1	1006.0	-	-
35389.0	51.9	15	1	1375.0	-	-
216007.0	89.9	15	3	1660.0	1965.0	1019.0
398334.0	66.5	15	1	1723.0	-	-
580126.0	57.7	15	1	1321.0	-	-
13023.0	66.5	15	1	1442.0	-	-
194683.0	53.7	15	1	1015.0	-	-

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)
600369.0	88.2	7	3	1946.0	1982.0	1214.0
890582.0	85.6	7	3	1035.0	1584.0	1957.0
1180033.0	90.5	7	3	1889.0	1261.0	1908.0
275681.0	53.8	7	1	1674.0	-	-
565614.0	71.7	7	2	1327.0	1823.0	-
856171.0	78.8	7	2	1305.0	1450.0	-
1146496.0	73.6	7	2	1543.0	1258.0	-
239893.0	54.2	7	1	1613.0	-	-
528996.0	92.3	7	3	1707.0	1695.0	1698.0
818839.0	84.3	7	3	1446.0	1623.0	1971.0

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)
552878.0	86.4	20	3	1430.0	1116.0	1536.0
101458.0	85.2	20	3	1406.0	1170.0	1687.0
247209.0	51.9	20	1	1196.0	-	-
390514.0	87.3	20	3	1374.0	1404.0	1353.0
537211.0	61.9	20	1	1703.0	-	-
84072.0	58.7	20	1	1333.0	-	-
229341.0	50.5	20	1	1142.0	-	-
373364.0	71.3	20	2	1377.0	1713.0	-
516750.0	91.3	20	3	1759.0	1473.0	1452.0
65733.0	99.2	20	3	1917.0	1932.0	1591.0
209958.0	84.8	20	3	1963.0	1988.0	1417.0
354231.0	93.4	20	3	1985.0	1478.0	1811.0
501254.0	52.6	20	1	1953.0	-	-
48306.0	51.9	20	1	1287.0	-	-
192819.0	72.5	20	2	1901.0	1533.0	-
337468.0	68.0	20	2	1949.0	1550.0	-
481379.0	89.5	20	3	1315.0	1492.0	1631.0
30407.0	57.7	20	1	1544.0	-	-
175474.0	56.8	20	1	1809.0	-	-
320792.0	60.7	20	1	1365.0	-	-

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)
580163.0	92.9	15	3	1909.0	1095.0	1671.0
15610.0	98.4	15	3	1719.0	1296.0	1316.0
196524.0	95.7	15	3	1119.0	1082.0	1880.0
378943.0	60.4	15	1	1096.0	-	-
559433.0	76.3	15	2	1235.0	1388.0	-
738654.0	97.2	15	3	1661.0	1877.0	1145.0
174871.0	64.4	15	1	1382.0	-	-
356056.0	69.7	15	2	1108.0	1068.0	-
537557.0	63.9	15	1	1995.0	-	-
717897.0	72.2	15	2	1416.0	1697.0	-
151782.0	99.7	15	3	1094.0	1844.0	1998.0
332581.0	96.3	15	3	1790.0	1361.0	1567.0
513711.0	87.5	15	3	1307.0	1290.0	1575.0
697260.0	66.6	15	1	1314.0	-	-
130076.0	54.9	15	1	1761.0	-	-
310776.0	76.6	15	2	1705.0	1910.0	-

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)
877054.0	81.1	6	2	1224.0	1033.0	-
1197287.0	92.7	6	3	1815.0	1867.0	1454.0
191473.0	97.6	6	3	1104.0	1223.0	1040.0
513776.0	93.2	6	3	1236.0	1702.0	1092.0
835450.0	89.3	6	3	1958.0	1667.0	1556.0
1158332.0	95.2	6	3	1455.0	1727.0	1123.0
151990.0	66.5	6	1	1183.0	-	-
474328.0	67.3	6	2	1976.0	1313.0	-
796910.0	69.0	6	2	1930.0	1351.0	-

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)
837750.0	94.8	9	3	1360.0	1886.0	1433.0
83918.0	82.9	9	2	1818.0	1768.0	-
325013.0	88.5	9	3	1964.0	1364.0	1992.0
567575.0	81.3	9	2	1621.0	1379.0	-
810393.0	53.6	9	1	1750.0	-	-
54067.0	89.4	9	3	1699.0	1840.0	1587.0
296351.0	65.9	9	1	1772.0	-	-
537139.0	97.5	9	3	1458.0	1041.0	1708.0
779858.0	81.6	9	2	1499.0	1163.0	-
24378.0	91.4	9	3	1632.0	1144.0	1048.0
265817.0	88.0	9	3	1898.0	1405.0	1137.0
507541.0	89.6	9	3	1512.0	1177.0	1222.0

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)
817167.0	91.6	9	3	1511.0	1057.0	1778.0
1083920.0	61.0	9	1	1102.0	-	-
258248.0	64.7	9	1	1847.0	-	-
521287.0	94.3	9	3	1553.0	1465.0	1106.0
785365.0	80.9	9	2	1746.0	1688.0	-
1050949.0	57.3	9	1	1530.0	-	-
225374.0	69.0	9	2	1715.0	1766.0	-
488459.0	99.5	9	3	1431.0	1590.0	1907.0
752460.0	88.6	9	3	1272.0	1640.0	1125.0
1018150.0	55.9	9	1	1803.0	-	-
192793.0	86.1	9	3	1066.0	1212.0	1737.0

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)
357752.0	97.0	12	3	1869.0	1826.0	1477.0
565158.0	96.0	12	3	1275.0	1664.0	1062.0
771350.0	86.9	12	3	1059.0	1996.0	1743.0
125835.0	96.9	12	3	1243.0	1393.0	1419.0
333850.0	60.1	12	1	1197.0	-	-
541179.0	63.6	12	1	1616.0	-	-
747900.0	71.4	12	2	1319.0	1178.0	-
100221.0	97.8	12	3	1945.0	1242.0	1961.0
307562.0	81.9	12	2	1924.0	1266.0	-
514483.0	78.3	12	2	1570.0	1934.0	-
720828.0	91.4	12	3	1228.0	1311.0	1781.0
74960.0	81.5	12	2	1341.0	1624.0	-
282731.0	64.3	12	1	1130.0	-	-
489746.0	76.0	12	2	1115.0	1053.0	-

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)
1219287.0	88.5	5	3	1911.0	1304.0	1372.0
86716.0	60.3	5	1	1849.0	-	-
449764.0	82.9	5	2	1247.0	1606.0	-
811609.0	83.8	5	3	1654.0	1522.0	1997.0
1174835.0	98.9	5	3	1560.0	1160.0	1583.0
41974.0	55.8	5	1	1350.0	-	-
405046.0	75.3	5	2	1732.0	1087.0	-
767775.0	67.0	5	2	1884.0	1685.0	-

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)
500946.0	87.1	17	3	1402.0	1268.0	1022.0
660991.0	89.6	17	3	1542.0	1335.0	1563.0
159687.0	81.6	17	2	1663.0	1482.0	-
320571.0	82.9	17	2	1641.0	1589.0	-
480182.0	98.9	17	3	1328.0	1968.0	1716.0
644360.0	58.4	17	1	1184.0	-	-
139587.0	87.8	17	3	1479.0	1912.0	1072.0
300281.0	97.5	17	3	1486.0	1595.0	1185.0
461991.0	67.9	17	2	1146.0	1601.0	-
622824.0	80.5	17	2	1827.0	1121.0	-
119791.0	88.9	17	3	1014.0	1524.0	1993.0
280034.0	96.9	17	3	1883.0	1710.0	1756.0
441231.0	91.5	17	3	1120.0	1253.0	1765.0
601823.0	85.3	17	3	1026.0	1784.0	1429.0
100296.0	66.7	17	2	1610.0	1031.0	-
260789.0	92.6	17	3	1134.0	1067.0	1848.0
423116.0	55.7	17	1	1500.0	-	-
581887.0	83.8	17	3	1391.0	1955.0	1060.0

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)
80546.0	60.1	17	1	1921.0	-	-
241108.0	93.6	17	3	1191.0	1153.0	1392.0
403284.0	56.1	17	1	1435.0	-	-
564506.0	61.2	17	1	1574.0	-	-
60711.0	50.1	17	1	1658.0	-	-
221641.0	79.6	17	2	1231.0	1493.0	-
383212.0	50.4	17	1	1780.0	-	-
543558.0	68.3	17	2	1291.0	1600.0	-
40717.0	92.5	17	3	1167.0	1460.0	1107.0
201494.0	97.1	17	3	1215.0	1259.0	1276.0
361986.0	86.2	17	3	1295.0	1025.0	1954.0
524830.0	65.7	17	1	1495.0	-	-
20879.0	89.8	17	3	1870.0	1226.0	1706.0
182375.0	50.1	17	1	1251.0	-	-
343753.0	60.7	17	1	1263.0	-	-
504111.0	80.0	17	2	1124.0	1487.0	-
1111.0	58.9	17	1	1559.0	-	-
161897.0	97.4	17	3	1027.0	1294.0	1381.0

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)
583451.0	65.2	8	1	1293.0	-	-
873203.0	77.3	8	2	1090.0	1537.0	-
1164880.0	64.8	8	1	1312.0	-	-
256770.0	63.0	8	1	1975.0	-	-
547420.0	59.9	8	1	1775.0	-	-
836821.0	84.4	8	3	1020.0	1172.0	1308.0
1129290.0	60.4	8	1	1079.0	-	-
220987.0	60.9	8	1	1935.0	-	-
510359.0	92.7	8	3	1627.0	1914.0	1195.0
801508.0	67.4	8	2	1758.0	1097.0	-

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)
603227.0	84.5	17	3	1972.0	1462.0	1835.0
102747.0	53.1	17	1	1979.0	-	-
262953.0	93.7	17	3	1367.0	1744.0	1390.0
423243.0	90.3	17	3	1484.0	1690.0	1805.0
584994.0	78.0	17	2	1959.0	1580.0	-
82896.0	65.0	17	1	1929.0	-	-
243394.0	95.7	17	3	1368.0	1101.0	1427.0
405033.0	81.8	17	2	1186.0	1240.0	-
566972.0	60.8	17	1	1440.0	-	-
62983.0	75.9	17	2	1298.0	1201.0	-
223703.0	89.5	17	3	1056.0	1310.0	1207.0
385724.0	51.9	17	1	1503.0	-	-
546141.0	82.4	17	2	1192.0	1413.0	-
43055.0	80.6	17	2	1966.0	1871.0	-
204464.0	66.0	17	1	1718.0	-	-
364341.0	90.8	17	3	1645.0	1471.0	1136.0
526993.0	61.3	17	1	1734.0	-	-
23338.0	52.1	17	1	1434.0	-	-

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)
206731.0	90.8	15	3	1793.0	1637.0	1899.0
387676.0	88.8	15	3	1928.0	1598.0	1150.0
568432.0	86.2	15	3	1126.0	1738.0	1824.0
3897.0	61.4	15	1	1564.0	-	-
185071.0	76.4	15	2	1133.0	1828.0	-
366128.0	69.4	15	2	1868.0	1343.0	-
547630.0	77.3	15	2	1171.0	1519.0	-
729244.0	78.5	15	2	1271.0	1042.0	-
162659.0	69.0	15	2	1466.0	1926.0	-
342995.0	97.2	15	3	1922.0	1324.0	1754.0
523629.0	83.6	15	3	1558.0	1825.0	1691.0
706079.0	71.8	15	2	1252.0	1937.0	-
140776.0	50.7	15	1	1155.0	-	-
321047.0	89.3	15	3	1981.0	1147.0	1156.0
501509.0	87.0	15	3	1900.0	1816.0	1158.0
684164.0	83.0	15	2	1110.0	1647.0	-

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)
110839.0	83.8	17	3	1897.0	1054.0	1933.0
280782.0	89.3	17	3	1755.0	1306.0	2000.0
453361.0	53.3	17	1	1007.0	-	-
621024.0	95.9	17	3	1670.0	1280.0	1774.0
89965.0	87.7	17	3	1009.0	1615.0	1728.0
260333.0	74.7	17	2	1940.0	1808.0	-
432026.0	54.4	17	1	1459.0	-	-
602005.0	78.9	17	2	1030.0	1441.0	-
69174.0	69.2	17	2	1573.0	1093.0	-
239452.0	83.0	17	2	1874.0	1594.0	-
410955.0	57.8	17	1	1506.0	-	-
581522.0	63.3	17	1	1829.0	-	-
48016.0	94.9	17	3	1906.0	1767.0	1180.0
218005.0	84.2	17	3	1882.0	1541.0	1535.0
388263.0	97.1	17	3	1151.0	1820.0	1514.0
559083.0	69.2	17	2	1821.0	1773.0	-
27151.0	73.1	17	2	1187.0	1635.0	-

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)
259041.0	58.2	12	1	1714.0	-	-
481945.0	70.1	12	2	1039.0	1736.0	-
706481.0	53.8	12	1	1034.0	-	-
8044.0	81.3	12	2	1788.0	1342.0	-
231150.0	73.0	12	2	1561.0	1608.0	-
454380.0	76.7	12	2	1038.0	1881.0	-
676975.0	74.2	12	2	1856.0	1841.0	-
902274.0	63.0	12	1	1326.0	-	-
203385.0	99.6	12	3	1733.0	1338.0	1380.0
425893.0	96.1	12	3	1693.0	1577.0	1800.0
649127.0	98.6	12	3	1385.0	1496.0	1356.0
872488.0	98.2	12	3	1220.0	1216.0	1260.0
175821.0	89.1	12	3	1804.0	1602.0	1675.0

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)
259435.0	75.2	20	2	1021.0	1283.0	-
405275.0	50.2	20	1	1003.0	-	-
549680.0	64.9	20	1	1951.0	-	-
96296.0	99.4	20	3	1149.0	1408.0	1747.0
240758.0	96.8	20	3	1357.0	1173.0	1806.0
386426.0	76.7	20	2	1401.0	1078.0	-
530094.0	87.4	20	3	1300.0	1248.0	1336.0
78918.0	65.4	20	1	1128.0	-	-
223879.0	64.5	20	1	1888.0	-	-
368959.0	66.1	20	1	1858.0	-	-
511377.0	84.4	20	3	1683.0	1447.0	1812.0
61012.0	57.2	20	1	1281.0	-	-
205039.0	92.3	20	3	1839.0	1112.0	1760.0
349263.0	93.5	20	3	1752.0	1650.0	1568.0
496347.0	61.5	20	1	1630.0	-	-
43096.0	64.0	20	1	1696.0	-	-
187509.0	83.6	20	3	1262.0	1411.0	1229.0
331261.0	84.8	20	3	1939.0	1648.0	1789.0
478294.0	50.1	20	1	1852.0	-	-
25220.0	64.4	20	1	1740.0	-	-

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)
188437.0	98.7	18	3	1701.0	1518.0	1539.0
349282.0	92.5	18	3	1139.0	1592.0	1437.0
510936.0	69.1	18	2	1023.0	1875.0	-
8145.0	83.1	18	2	1814.0	1657.0	-
169403.0	51.7	18	1	1853.0	-	-
331054.0	60.8	18	1	1024.0	-	-
492078.0	62.6	18	1	1585.0	-	-
652508.0	79.2	18	2	1309.0	1165.0	-
149410.0	82.9	18	2	1241.0	1198.0	-
309806.0	88.2	18	3	1208.0	1483.0	1246.0
470842.0	78.6	18	2	1843.0	1668.0	-
633920.0	55.8	18	1	1157.0	-	-
129537.0	80.8	18	2	1528.0	1064.0	-
290652.0	80.1	18	2	1044.0	1420.0	-
452628.0	57.8	18	1	1162.0	-	-
613921.0	57.6	18	1	1284.0	-	-
109316.0	98.4	18	3	1859.0	1210.0	1836.0
270200.0	95.6	18	3	1045.0	1566.0	1349.0

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)
706377.0	87.5	9	3	1179.0	1620.0	1799.0
971011.0	70.3	9	2	1890.0	1398.0	-
147196.0	81.8	9	2	1159.0	1950.0	-
411781.0	57.6	9	1	1100.0	-	-
673838.0	93.8	9	3	1445.0	1373.0	1919.0
940021.0	54.0	9	1	1548.0	-	-
114686.0	69.5	9	2	1545.0	1678.0	-
378315.0	74.1	9	2	1986.0	1725.0	-
642395.0	80.8	9	2	1970.0	1063.0	-
906344.0	83.3	9	2	1013.0	1895.0	-
82322.0	62.7	9	1	1504.0	-	-

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)
199479.0	99.0	18	3	1731.0	1636.0	1114.0
353361.0	65.9	18	1	1286.0	–	–
506113.0	61.3	18	1	1428.0	–	–
28623.0	98.5	18	3	1854.0	1614.0	1676.0
180720.0	83.8	18	3	1369.0	1255.0	1942.0
333082.0	90.4	18	3	1509.0	1346.0	1161.0
486487.0	82.7	18	2	1213.0	1250.0	–
9943.0	81.2	18	2	1378.0	1634.0	–
162473.0	81.9	18	2	1166.0	1526.0	–
314266.0	97.7	18	3	1011.0	1206.0	1936.0
466201.0	85.9	18	3	1497.0	1005.0	1967.0
621208.0	64.1	18	1	1515.0	–	–
144006.0	58.2	18	1	1289.0	–	–
295744.0	82.6	18	2	1694.0	1987.0	–
448151.0	76.3	18	2	1644.0	1866.0	–
599784.0	87.5	18	3	1551.0	1596.0	1088.0
124831.0	78.5	18	2	1709.0	1318.0	–
277500.0	76.4	18	2	1017.0	1498.0	–
430703.0	62.1	18	1	1586.0	–	–

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)
580522.0	85.6	18	3	1475.0	1669.0	1653.0
106253.0	53.9	18	1	1842.0	–	–
259004.0	65.7	18	1	1794.0	–	–
410105.0	88.1	18	3	1622.0	1480.0	1203.0
562481.0	97.3	18	3	1077.0	1739.0	1219.0
87166.0	79.8	18	2	1923.0	1894.0	–
239843.0	82.6	18	2	1521.0	1182.0	–
390950.0	91.1	18	3	1905.0	1938.0	1129.0
543875.0	98.7	18	3	1018.0	1008.0	1845.0
68631.0	65.0	18	1	1807.0	–	–
221437.0	63.6	18	1	1619.0	–	–
373852.0	77.7	18	2	1189.0	1052.0	–
525603.0	80.1	18	2	1354.0	1943.0	–
49665.0	79.3	18	2	1983.0	1748.0	–
202583.0	66.4	18	1	1724.0	–	–
353547.0	83.9	18	3	1837.0	1769.0	1302.0
507173.0	72.2	18	2	1684.0	1193.0	–
30954.0	67.3	18	2	1604.0	1211.0	–
183831.0	57.4	18	1	1505.0	–	–

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)
335201.0	97.1	18	3	1878.0	1244.0	1083.0
487263.0	89.8	18	3	1352.0	1414.0	1562.0
12148.0	75.1	18	2	1956.0	1990.0	-
164757.0	76.5	18	2	1098.0	1363.0	-
317933.0	66.5	18	1	1282.0	-	-
468115.0	97.9	18	3	1432.0	1762.0	1682.0
623795.0	51.5	18	1	1152.0	-	-
146188.0	56.2	18	1	1490.0	-	-
298429.0	73.6	18	2	1371.0	1332.0	-
450230.0	75.1	18	2	1846.0	1863.0	-
602959.0	67.4	18	2	1366.0	1873.0	-
127348.0	66.5	18	1	1571.0	-	-
278838.0	91.1	18	3	1061.0	1469.0	1980.0
430567.0	97.7	18	3	1813.0	1791.0	1423.0
584297.0	68.6	18	2	1609.0	1513.0	-
108080.0	97.8	18	3	1474.0	1347.0	1345.0
261540.0	58.7	18	1	1051.0	-	-
413065.0	83.3	18	2	1944.0	1233.0	-
566008.0	77.9	18	2	1502.0	1080.0	-

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)
85184.0	64.0	20	1	1753.0	-	-
229791.0	68.6	20	2	1554.0	1464.0	-
375268.0	51.1	20	1	1918.0	-	-
518414.0	99.4	20	3	1047.0	1726.0	1337.0
66981.0	84.1	20	3	1362.0	1611.0	1717.0
212440.0	66.1	20	1	1656.0	-	-
356875.0	68.3	20	2	1269.0	1529.0	-
501629.0	69.9	20	2	1517.0	1383.0	-
49434.0	55.8	20	1	1819.0	-	-
193924.0	84.8	20	3	1135.0	1491.0	1001.0
337828.0	91.8	20	3	1850.0	1399.0	1672.0
481779.0	98.7	20	3	1857.0	1860.0	1666.0
31584.0	54.1	20	1	1426.0	-	-
176369.0	70.2	20	2	1069.0	1673.0	-
321084.0	71.1	20	2	1603.0	1396.0	-
466003.0	79.4	20	2	1786.0	1050.0	-
13675.0	72.4	20	2	1274.0	1329.0	-
158850.0	60.4	20	1	1523.0	-	-
303393.0	77.5	20	2	1646.0	1071.0	-
446594.0	99.2	20	3	1576.0	1549.0	1802.0

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)
988750.0	90.2	10	3	1358.0	1209.0	1730.0
234298.0	95.7	10	3	1989.0	1532.0	1787.0
476450.0	73.5	10	2	1638.0	1771.0	-
719249.0	59.0	10	1	1891.0	-	-
961347.0	65.9	10	1	1865.0	-	-
205047.0	81.2	10	2	1569.0	1481.0	-
446055.0	98.5	10	3	1879.0	1264.0	1655.0
688870.0	72.5	10	2	1086.0	1617.0	-
929978.0	80.1	10	2	1662.0	1864.0	-
175618.0	61.5	10	1	1037.0	-	-
417034.0	81.6	10	2	1323.0	1779.0	-
659992.0	57.7	10	1	1317.0	-	-

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)
1353555.0	50.6	5	1	1700.0	-	-
218224.0	94.3	5	3	1751.0	1221.0	1578.0
582072.0	53.2	5	1	1579.0	-	-
943586.0	88.8	5	3	1344.0	1256.0	1991.0
1305954.0	95.9	5	3	1516.0	1463.0	1974.0
173465.0	90.4	5	3	1855.0	1582.0	1834.0
536024.0	91.1	5	3	1920.0	1239.0	2000.0
900657.0	60.3	5	1	1686.0	-	-

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)
529330.0	98.3	19	3	1652.0	1081.0	1415.0
54223.0	78.0	19	2	1175.0	1200.0	-
206309.0	95.8	19	3	1074.0	1265.0	1605.0
358655.0	71.4	19	2	1904.0	1822.0	-
511888.0	81.8	19	2	1277.0	1270.0	-
35368.0	76.4	19	2	1449.0	1948.0	-
188353.0	63.3	19	1	1285.0	-	-
340223.0	96.4	19	3	1004.0	1032.0	1089.0
493074.0	70.0	19	2	1457.0	1118.0	-
16614.0	68.2	19	2	1692.0	1249.0	-
168694.0	96.2	19	3	1205.0	1742.0	1424.0
320621.0	87.3	19	3	1176.0	1665.0	1903.0
473934.0	81.3	19	2	1916.0	1122.0	-
624535.0	84.1	19	3	1776.0	1639.0	1470.0
150083.0	87.8	19	3	1299.0	1168.0	1376.0
303159.0	68.4	19	2	1043.0	1075.0	-
453392.0	95.2	19	3	1832.0	1861.0	1783.0
606215.0	92.2	19	3	1931.0	1395.0	1143.0
131393.0	83.4	19	3	1002.0	1070.0	1467.0

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	5417	5633	5337	5595	5509
5	5568	5670	5637	5253	5601
10	5304	5275	5598	5545	5610
15	5297	5403	5542	5521	5705
20	5432	5664	5605	5379	5385
25	5517	5415	5704	5287	5353
30	5321	5559	5298	5615	5709
35	5692	5400	5470	5443	5345
40	5609	5604	5402	5482	5712
45	5510	5518	5608	5261	5586
50	5571	5550	5715	5575	5278
55	5305	5460	5339	5500	5691
60	5600	5722	5530	5567	5702
65	5330	5561	5643	5719	5658
70	5446	5426	5346	5552	5310
75	5453	5622	5398	5257	5373
80	5492	5475	5570	5625	5481
85	5442	5260	5354	5265	5352
90	5607	5597	5262	5357	5527
95	5690	5364	5472	5533	5454

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5672	5397	5273	5659	5254
5	5707	5595	5712	5416	5430
10	5710	5539	5261	5265	5631
15	5385	5530	5645	5469	5422
20	5343	5258	5643	5371	5358
25	5308	5267	5432	5488	5387
30	5460	5448	5255	5483	5415
35	5658	5714	5498	5620	5444
40	5687	5340	5722	5331	5439
45	5691	5319	5639	5458	5585
50	5251	5291	5664	5576	5627
55	5648	5293	5690	5510	5571
60	5376	5695	5512	5534	5253
65	5507	5466	5668	5597	5656
70	5318	5624	5296	5553	5374
75	5494	5419	5473	5252	5685
80	5351	5692	5544	5661	5637
85	5260	5630	5457	5370	5557
90	5522	5533	5716	5572	5292
95	5527	5517	5352	5489	5618

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5452	5636	5684	5345	5571
5	5274	5617	5312	5579	5637
10	5544	5328	5302	5363	5652
15	5473	5560	5651	5514	5614
20	5351	5424	5584	5460	5331
25	5671	5594	5635	5592	5421
30	5502	5434	5687	5710	5581
35	5510	5534	5380	5392	5278
40	5487	5368	5478	5299	5377
45	5692	5723	5364	5427	5342
50	5399	5361	5722	5405	5707
55	5445	5505	5385	5457	5463
60	5554	5550	5667	5633	5488
65	5588	5318	5379	5556	5698
70	5253	5650	5586	5562	5454
75	5504	5320	5607	5381	5561
80	5357	5638	5610	5593	5552
85	5660	5612	5618	5280	5539
90	5275	5485	5309	5582	5598
95	5347	5371	5721	5568	5358

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5707	5400	5620	5506	5316
5	5542	5387	5267	5369	5475
10	5689	5343	5558	5673	5561
15	5687	5279	5559	5331	5359
20	5493	5525	5452	5304	5462
25	5543	5363	5696	5358	5544
30	5323	5644	5688	5409	5433
35	5720	5365	5306	5426	5448
40	5694	5691	5252	5325	5675
45	5458	5382	5338	5648	5610
50	5715	5603	5393	5464	5697
55	5418	5549	5579	5595	5526
60	5416	5634	5550	5499	5295
65	5380	5496	5490	5566	5669
70	5698	5480	5608	5390	5656
75	5547	5704	5609	5335	5706
80	5532	5281	5333	5388	5545
85	5670	5552	5541	5556	5269
90	5528	5663	5391	5575	5377
95	5714	5594	5326	5637	5582

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5390	5639	5556	5667	5633
5	5358	5564	5462	5333	5576
10	5406	5478	5384	5278	5694
15	5552	5339	5382	5604	5620
20	5270	5659	5466	5541	5277
25	5350	5395	5469	5325	5392
30	5586	5687	5601	5428	5561
35	5253	5456	5674	5579	5459
40	5533	5558	5629	5322	5438
45	5465	5396	5701	5400	5591
50	5304	5444	5553	5520	5362
55	5262	5310	5345	5387	5288
60	5715	5602	5303	5442	5691
65	5515	5608	5530	5275	5411
70	5559	5351	5680	5568	5276
75	5513	5443	5644	5709	5355
80	5555	5272	5391	5616	5461
85	5493	5617	5298	5542	5551
90	5721	5596	5703	5343	5692
95	5566	5618	5707	5452	5313

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5645	5500	5492	5353	5378
5	5497	5489	5537	5496	5405
10	5715	5267	5425	5473	5640
15	5466	5485	5552	5337	5278
20	5253	5504	5533	5250	5616
25	5344	5672	5526	5426	5673
30	5558	5546	5335	5548	5523
35	5547	5470	5257	5373	5372
40	5263	5567	5635	5319	5436
45	5321	5454	5279	5287	5467
50	5480	5495	5642	5721	5684
55	5450	5487	5542	5358	5320
60	5389	5434	5604	5514	5464
65	5644	5265	5545	5689	5631
70	5284	5720	5656	5527	5273
75	5374	5419	5494	5688	5553
80	5301	5418	5564	5444	5708
85	5579	5556	5361	5668	5412
90	5593	5707	5654	5658	5381
95	5457	5272	5647	5516	5686

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5425	5264	5428	5514	5695
5	5539	5511	5612	5659	5646
10	5531	5466	5668	5261	5253
15	5496	5588	5597	5529	5286
20	5419	5445	5622	5698	5504
25	5671	5400	5630	5460	5292
30	5562	5515	5487	5271	5565
35	5260	5266	5507	5287	5686
40	5346	5505	5316	5365	5301
45	5631	5415	5332	5552	5721
50	5656	5546	5256	5544	5628
55	5638	5441	5593	5361	5707
60	5449	5570	5334	5527	5431
65	5715	5413	5583	5572	5437
70	5492	5325	5420	5472	5632
75	5486	5620	5494	5465	5475
80	5566	5681	5481	5549	5284
85	5347	5647	5639	5273	5326
90	5660	5397	5692	5263	5349
95	5474	5327	5414	5568	5658

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5680	5503	5364	5675	5440
5	5581	5436	5687	5347	5344
10	5577	5320	5507	5291	5282
15	5341	5623	5594	5642	5721
20	5672	5585	5386	5614	5671
25	5392	5523	5603	5259	5494
30	5334	5548	5472	5501	5261
35	5566	5704	5351	5634	5660
40	5298	5622	5429	5346	5640
45	5410	5294	5281	5714	5473
50	5385	5439	5597	5357	5442
55	5367	5475	5254	5395	5308
60	5655	5678	5578	5260	5376
65	5670	5353	5377	5441	5362
70	5619	5307	5707	5295	5397
75	5406	5387	5321	5608	5445
80	5589	5456	5717	5676	5462
85	5629	5544	5449	5479	5489
90	5602	5368	5669	5673	5336
95	5611	5465	5666	5361	5491

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5363	5267	5300	5361	5282
5	5623	5458	5287	5510	5648
10	5411	5681	5645	5486	5303
15	5332	5275	5697	5687	5438
20	5680	5654	5424	5703	5644
25	5658	5472	5331	5528	5473
30	5437	5429	5716	5413	5289
35	5368	5442	5430	5338	5461
40	5512	5284	5308	5407	5601
45	5261	5322	5531	5704	5436
50	5665	5419	5349	5498	5474
55	5649	5707	5425	5321	5502
60	5323	5264	5311	5655	5614
65	5599	5573	5566	5392	5390
70	5487	5404	5259	5494	5718
75	5318	5446	5674	5250	5662
80	5560	5634	5627	5584	5334
85	5630	5672	5663	5405	5470
90	5508	5696	5685	5389	5525
95	5596	5292	5465	5720	5520

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5618	5506	5711	5425	5502
5	5287	5383	5362	5576	5380
10	5342	5470	5686	5681	5324
15	5420	5402	5325	5635	5630
20	5688	5345	5365	5695	5617
25	5546	5437	5564	5562	5515
30	5326	5386	5359	5662	5584
35	5410	5533	5701	5588	5601
40	5300	5692	5697	5548	5404
45	5530	5716	5405	5492	5394
50	5591	5349	5612	5699	5620
55	5391	5266	5303	5671	5361
60	5687	5334	5577	5366	5465
65	5260	5594	5279	5638	5378
70	5393	5494	5463	5363	5430
75	5282	5322	5418	5271	5499
80	5385	5292	5443	5491	5250
85	5270	5625	5277	5678	5357
90	5532	5320	5579	5622	5680
95	5408	5723	5417	5605	5639

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5398	5270	5647	5586	5344
5	5329	5405	5437	5264	5587
10	5273	5259	5252	5401	5345
15	5508	5529	5428	5680	5347
20	5599	5414	5306	5309	5590
25	5337	5640	5668	5596	5557
30	5312	5343	5574	5339	5307
35	5549	5624	5594	5266	5612
40	5614	5300	5635	5313	5362
45	5696	5488	5550	5447	5381
50	5603	5275	5709	5689	5685
55	5257	5403	5490	5494	5393
60	5377	5686	5641	5288	5684
65	5630	5656	5664	5710	5461
70	5493	5721	5439	5700	5302
75	5402	5368	5399	5426	5434
80	5280	5355	5440	5628	5372
85	5370	5632	5605	5352	5485
90	5634	5547	5591	5639	5578
95	5387	5595	5543	5629	5282

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5653	5509	5583	5272	5564
5	5371	5330	5512	5427	5416
10	5582	5523	5293	5499	5366
15	5596	5559	5531	5250	5539
20	5607	5580	5344	5301	5563
25	5700	5600	5368	5297	5630
30	5696	5676	5300	5314	5588
35	5602	5688	5715	5390	5419
40	5526	5550	5383	5573	5456
45	5398	5291	5571	5608	5500
50	5268	5479	5489	5326	5420
55	5532	5686	5593	5309	5465
60	5522	5542	5253	5570	5704
65	5258	5633	5666	5391	5556
70	5360	5404	5447	5496	5415
75	5659	5271	5511	5380	5678
80	5536	5713	5515	5437	5406
85	5648	5335	5586	5378	5650
90	5312	5668	5429	5656	5270
95	5476	5269	5698	5266	5277

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5433	5273	5519	5406	5413
5	5352	5587	5590	5623	5513
10	5312	5334	5694	5387	5686
15	5537	5673	5353	5615	5649
20	5285	5390	5536	5491	5452
25	5571	5401	5664	5263	5565
30	5257	5529	5265	5422	5428
35	5661	5669	5440	5389	5466
40	5511	5696	5492	5695	5559
45	5654	5569	5553	5533	5355
50	5665	5377	5509	5335	5476
55	5719	5640	5308	5506	5436
60	5651	5707	5402	5627	5301
65	5582	5605	5698	5351	5638
70	5596	5419	5391	5618	5715
75	5642	5557	5458	5455	5317
80	5578	5434	5601	5531	5368
85	5708	5659	5678	5637	5626
90	5370	5340	5318	5689	5657
95	5254	5374	5723	5326	5464

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5591	5512	5455	5594	5626
5	5552	5277	5662	5656	5355
10	5347	5673	5375	5414	5408
15	5675	5338	5640	5718	5545
20	5526	5340	5701	5382	5509
25	5379	5401	5299	5602	5698
30	5305	5551	5689	5647	5514
35	5620	5394	5519	5457	5451
40	5703	5646	5449	5461	5489
45	5527	5539	5359	5627	5606
50	5420	5706	5366	5428	5598
55	5536	5323	5335	5325	5407
60	5397	5618	5709	5453	5722
65	5513	5531	5641	5433	5441
70	5645	5516	5599	5268	5367
75	5577	5587	5287	5700	5439
80	5707	5667	5573	5469	5334
85	5321	5434	5685	5671	5376
90	5643	5399	5568	5505	5324
95	5639	5571	5346	5312	5712

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5371	5276	5391	5280	5468
5	5594	5299	5262	5344	5659
10	5278	5462	5416	5609	5429
15	5288	5465	5268	5534	5409
20	5264	5471	5482	5267	5253
25	5405	5706	5257	5444	5440
30	5646	5387	5666	5533	5610
35	5350	5500	5365	5542	5254
40	5290	5701	5486	5456	5519
45	5442	5685	5485	5479	5687
50	5359	5523	5548	5591	5619
55	5281	5434	5562	5563	5541
60	5376	5668	5714	5480	5580
65	5265	5513	5622	5717	5502
70	5699	5592	5721	5536	5556
75	5310	5368	5420	5484	5680
80	5354	5633	5704	5331	5613
85	5337	5624	5256	5568	5511
90	5642	5550	5388	5670	5427
95	5576	5453	5455	5329	5292

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5626	5515	5327	5441	5688
5	5636	5699	5337	5507	5391
10	5684	5251	5457	5329	5450
15	5376	5592	5371	5333	5454
20	5542	5575	5680	5463	5455
25	5533	5677	5608	5335	5291
30	5486	5426	5603	5602	5440
35	5638	5672	5701	5621	5275
40	5279	5381	5703	5369	5483
45	5288	5499	5525	5646	5615
50	5572	5361	5718	5530	5301
55	5657	5589	5711	5405	5306
60	5438	5252	5563	5605	5373
65	5537	5429	5616	5475	5425
70	5411	5488	5702	5344	5697
75	5495	5428	5430	5414	5401
80	5261	5315	5610	5322	5389
85	5328	5466	5694	5663	5476
90	5596	5323	5586	5360	5433
95	5713	5564	5346	5347	5303

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5406	5279	5263	5505	5530
5	5678	5721	5412	5670	5598
10	5518	5515	5595	5427	5471
15	5367	5622	5474	5281	5646
20	5453	5644	5621	5552	5428
25	5421	5529	5336	5439	5325
30	5528	5315	5560	5342	5592
35	5458	5317	5417	5290	5517
40	5641	5609	5480	5692	5479
45	5608	5704	5668	5362	5712
50	5419	5581	5487	5533	5424
55	5359	5496	5635	5698	5550
60	5302	5503	5657	5378	5652
65	5307	5675	5703	5483	5705
70	5673	5454	5397	5557	5382
75	5416	5425	5391	5486	5452
80	5715	5308	5380	5344	5647
85	5571	5525	5547	5576	5363
90	5402	5287	5538	5445	5500
95	5590	5476	5252	5446	5432

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5564	5518	5674	5666	5275
5	5342	5646	5487	5261	5427
10	5449	5304	5636	5622	5492
15	5455	5274	5480	5326	5363
20	5461	5335	5659	5544	5401
25	5687	5381	5539	5640	5359
30	5570	5679	5517	5460	5366
35	5656	5378	5505	5310	5581
40	5631	5600	5579	5374	5574
45	5621	5459	5691	5287	5721
50	5724	5491	5595	5632	5576
55	5681	5380	5612	5313	5686
60	5454	5669	5582	5495	5609
65	5426	5603	5561	5327	5591
70	5470	5506	5652	5557	5330
75	5649	5413	5269	5670	5668
80	5438	5647	5553	5515	5322
85	5723	5618	5722	5717	5475
90	5309	5601	5344	5604	5690
95	5445	5685	5457	5368	5436

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5344	5282	5610	5352	5592
5	5384	5668	5562	5424	5634
10	5380	5665	5677	5342	5513
15	5543	5401	5583	5371	5555
20	5469	5501	5600	5633	5374
25	5575	5330	5267	5269	5393
30	5709	5474	5675	5518	5476
35	5517	5596	5581	5356	5593
40	5470	5683	5614	5571	5453
45	5299	5723	5514	5367	5296
50	5504	5324	5325	5273	5378
55	5272	5537	5441	5252	5549
60	5287	5276	5627	5349	5362
65	5309	5724	5333	5366	5625
70	5372	5713	5315	5271	5445
75	5548	5428	5717	5697	5443
80	5618	5564	5680	5667	5652
85	5615	5262	5494	5512	5334
90	5306	5421	5305	5522	5620
95	5413	5619	5284	5552	5714

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5599	5521	5546	5513	5337
5	5426	5593	5637	5587	5366
10	5689	5454	5718	5537	5534
15	5631	5528	5686	5416	5272
20	5380	5570	5541	5625	5347
25	5657	5373	5427	5276	5554
30	5431	5415	5292	5296	5656
35	5687	5377	5509	5604	5309
40	5291	5455	5282	5568	5382
45	5322	5306	5352	5401	5472
50	5259	5279	5327	5646	5696
55	5591	5470	5514	5507	5437
60	5482	5273	5553	5592	5585
65	5700	5566	5559	5632	5490
70	5321	5529	5433	5601	5331
75	5338	5317	5325	5697	5658
80	5684	5406	5263	5694	5260
85	5503	5265	5384	5617	5606
90	5365	5622	5545	5552	5522
95	5511	5567	5336	5707	5663

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5379	5382	5482	5674	5654
5	5565	5615	5712	5275	5573
10	5620	5718	5284	5257	5555
15	5622	5655	5314	5364	5561
20	5388	5261	5714	5320	5254
25	5606	5576	5477	5461	5318
30	5443	5630	5444	5494	5698
35	5303	5648	5662	5518	5720
40	5471	5393	5522	5689	5302
45	5465	5405	5666	5594	5310
50	5625	5590	5604	5650	5684
55	5289	5485	5636	5602	5427
60	5580	5476	5538	5311	5271
65	5391	5524	5293	5490	5515
70	5436	5442	5480	5290	5554
75	5458	5460	5306	5474	5671
80	5570	5326	5691	5455	5424
85	5345	5703	5479	5657	5613
90	5710	5560	5586	5404	5440
95	5528	5417	5605	5642	5675

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5634	5621	5418	5360	5399
5	5607	5540	5312	5341	5402
10	5551	5507	5325	5355	5576
15	5710	5685	5417	5409	5278
20	5396	5330	5520	5706	5293
25	5617	5458	5304	5581	5398
30	5457	5429	5345	5273	5693
35	5314	5362	5394	5541	5437
40	5432	5559	5554	5331	5287
45	5562	5618	5282	5548	5361
50	5553	5373	5349	5351	5317
55	5604	5583	5456	5668	5292
60	5372	5509	5302	5484	5609
65	5695	5638	5601	5319	5571
70	5598	5536	5291	5724	5523
75	5578	5603	5384	5629	5306
80	5721	5637	5389	5688	5650
85	5424	5662	5288	5671	5450
90	5611	5386	5640	5400	5566
95	5286	5452	5545	5677	5401

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5317	5385	5354	5521	5619
5	5649	5562	5290	5504	5609
10	5296	5366	5550	5597	5323
15	5337	5423	5454	5470	5307
20	5496	5461	5320	5266	5408
25	5310	5507	5432	5499	5318
30	5302	5488	5370	5512	5501
35	5485	5590	5443	5398	5637
40	5647	5430	5656	5547	5262
45	5631	5383	5414	5343	5724
50	5525	5412	5643	5381	5505
55	5558	5589	5402	5330	5322
60	5457	5341	5700	5527	5335
65	5644	5577	5433	5374	5256
70	5584	5539	5615	5683	5395
75	5698	5365	5406	5319	5502
80	5326	5549	5685	5327	5601
85	5251	5388	5662	5537	5363
90	5565	5572	5557	5546	5561
95	5659	5257	5498	5503	5360

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5572	5624	5290	5682	5461
5	5691	5487	5365	5667	5341
10	5316	5560	5407	5270	5618
15	5411	5464	5526	5499	5662
20	5315	5565	5402	5312	5714
25	5296	5259	5710	5466	5541
30	5703	5619	5332	5640	5673
35	5608	5268	5357	5712	5342
40	5585	5670	5653	5379	5717
45	5441	5467	5705	5600	5701
50	5463	5257	5472	5693	5512
55	5304	5599	5301	5451	5622
60	5359	5648	5473	5536	5593
65	5613	5643	5481	5652	5328
70	5570	5639	5408	5642	5364
75	5721	5317	5346	5658	5429
80	5283	5490	5612	5443	5311
85	5483	5616	5310	5255	5675
90	5494	5428	5676	5396	5482
95	5509	5655	5586	5632	5595

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5352	5388	5701	5271	5681
5	5355	5509	5440	5645	5625
10	5446	5545	5465	5639	5402
15	5591	5629	5447	5379	5323
20	5256	5401	5687	5562	5586
25	5341	5515	5500	5680	5668
30	5691	5443	5296	5530	5682
35	5289	5501	5518	5551	5425
40	5523	5435	5650	5308	5600
45	5322	5520	5495	5476	5514
50	5295	5647	5406	5466	5494
55	5418	5272	5580	5312	5304
60	5480	5419	5359	5542	5552
65	5475	5276	5358	5497	5556
70	5642	5384	5601	5711	5366
75	5363	5327	5539	5654	5675
80	5582	5382	5705	5285	5274
85	5626	5570	5558	5381	5420
90	5528	5688	5693	5367	5450
95	5294	5364	5612	5378	5369

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5607	5627	5637	5432	5523
5	5397	5531	5515	5421	5377
10	5556	5710	5586	5660	5490
15	5718	5257	5492	5571	5709
20	5325	5381	5393	5450	5535
25	5544	5619	5534	5722	5557
30	5648	5561	5545	5350	5346
35	5380	5297	5671	5282	5487
40	5508	5461	5675	5647	5615
45	5580	5405	5460	5573	5382
50	5255	5578	5565	5532	5496
55	5494	5594	5420	5684	5712
60	5477	5724	5409	5275	5365
65	5560	5491	5588	5307	5643
70	5636	5569	5639	5645	5540
75	5263	5680	5486	5506	5308
80	5687	5552	5320	5721	5579
85	5577	5608	5699	5334	5295
90	5591	5621	5331	5676	5585
95	5465	5570	5316	5422	5434

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5290	5391	5573	5593	5268
5	5439	5456	5590	5584	5487
10	5499	5627	5283	5681	5578
15	5273	5360	5537	5288	5717
20	5491	5322	5482	5633	5716
25	5387	5272	5345	5568	5289
30	5543	5605	5301	5697	5645
35	5485	5471	5349	5671	5326
40	5591	5399	5343	5644	5544
45	5560	5488	5518	5626	5647
50	5606	5279	5616	5621	5319
55	5438	5685	5374	5434	5592
60	5363	5642	5291	5576	5408
65	5383	5440	5624	5517	5263
70	5625	5270	5389	5714	5519
75	5552	5464	5662	5410	5423
80	5297	5511	5541	5459	5575
85	5579	5275	5693	5452	5425
90	5252	5477	5515	5565	5700
95	5721	5396	5318	5580	5572

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5325	5394	5445	5440	5330
5	5620	5403	5265	5435	5252
10	5552	5709	5673	5723	5657
15	5527	5469	5530	5294	5636
20	5251	5301	5563	5579	5492
25	5663	5678	5553	5470	5321
30	5519	5256	5623	5666	5275
35	5257	5277	5596	5479	5379
40	5348	5260	5305	5520	5654
45	5537	5635	5324	5358	5631
50	5718	5704	5586	5660	5682
55	5547	5534	5524	5497	5656
60	5380	5300	5407	5338	5599
65	5559	5600	5504	5694	5373
70	5465	5437	5393	5274	5266
75	5396	5310	5710	5263	5549
80	5570	5309	5414	5322	5320
85	5299	5292	5580	5417	5605
90	5327	5594	5546	5383	5587
95	5483	5458	5561	5452	5317

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5325	5394	5445	5440	5330
5	5620	5403	5265	5435	5252
10	5552	5709	5673	5723	5657
15	5527	5469	5530	5294	5636
20	5251	5301	5563	5579	5492
25	5663	5678	5553	5470	5321
30	5519	5256	5623	5666	5275
35	5257	5277	5596	5479	5379
40	5348	5260	5305	5520	5654
45	5537	5635	5324	5358	5631
50	5718	5704	5586	5660	5682
55	5547	5534	5524	5497	5656
60	5380	5300	5407	5338	5599
65	5559	5600	5504	5694	5373
70	5465	5437	5393	5274	5266
75	5396	5310	5710	5263	5549
80	5570	5309	5414	5322	5320
85	5299	5292	5580	5417	5605
90	5327	5594	5546	5383	5587
95	5483	5458	5561	5452	5317

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5580	5633	5381	5601	5647
5	5662	5425	5340	5598	5352
10	5658	5438	5275	5393	5269
15	5270	5654	5572	5575	5486
20	5644	5417	5717	5555	5552
25	5283	5515	5309	5657	5670
30	5512	5307	5476	5374	5397
35	5386	5330	5366	5528	5430
40	5510	5415	5462	5688	5588
45	5257	5709	5500	5262	5595
50	5686	5612	5332	5294	5641
55	5648	5299	5614	5505	5653
60	5687	5626	5343	5608	5287
65	5635	5391	5395	5701	5576
70	5680	5376	5314	5642	5396
75	5362	5394	5409	5707	5420
80	5491	5470	5504	5317	5639
85	5631	5276	5712	5295	5333
90	5379	5655	5400	5564	5356
95	5540	5584	5479	5565	5382