



DFS MEASUREMENT REPORT

FCC ID: VW3FAST266

Applicant: SAGEMCOM BROADBAND SAS

Product: Smart Wi-Fi Extender

Model No.: F@st 266 XXXXXXXXXXXX (XXXXXXXXXXXX, X can be A~Z, space and other presentation, XXXXXXXXXXXX can be replaced by LLA and other presentation, it is various by marketing purpose in different countries)

Brand Name: SAGEMCOM

FCC Classification: Unlicensed National Information Infrastructure (NII)

FCC Rule Part(s): Part 15 Subpart E (Section 15.407)

Type of Device: Master

Result: Complies

Received Date: 2024-02-18

Test Date: 2024-03-10 ~ 2024-03-12

Reviewed By:

Sunny Sun

Sunny Sun

Approved By:

Robin Wu

Robin Wu



The test results relate only to the samples tested.

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

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2402RSU012-U4	V01	Initial Report	2024-03-29	Valid

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1. General Information

1.1. Applicant

SAGEMCOM BROADBAND SAS
4 ALLEE DES MESSAGERIES
92271 BOIS-COLOMBES CEDEX - FRANCE

1.2. Manufacturer

SAGEMCOM BROADBAND SAS
4 ALLEE DES MESSAGERIES
92271 BOIS-COLOMBES CEDEX - FRANCE

1.3. Testing Facility

☒	Test Site – MRT Suzhou Laboratory Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China Laboratory Accreditations A2LA: 3628.01 CNAS: L10551 FCC: CN1166 ISED: CN0001 VCCI: ☐ R-20025 ☐ G-20034 ☐ C-20020 ☐ T-20020 ☐ R-20141 ☐ G-20134 ☐ C-20103 ☐ T-20104
☐	Test Site – MRT Shenzhen Laboratory Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China Laboratory Accreditations A2LA: 3628.02 CNAS: L10551 FCC: CN1284 ISED: CN0105
☐	Test Site – MRT Taiwan Laboratory Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) Laboratory Accreditations TAF: 3261 FCC: 291082, TW3261 ISED: TW3261

1.4. Product Information

Product Name	Smart Wi-Fi Extender
Model No.	F@st 266 XXXXXXXXXXXX (XXXXXXXXXXXX, X can be A~Z, space and other presentation, XXXXXXXXXXXX can be replaced by LLA and other presentation, it is various by marketing purpose in different countries)
EUT Serial No.	JY24022A4000018
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Antenna Information	Refer to section 1.7
Working Voltage	Power by adapter
Operating Environment	Indoor Use
Accessory	
Adapter 1#	Model: MSG-V1500NR120-01810-US Input: 100-127V ~ 50/60Hz 0.7A Output: 12.0V=1.5A 18.0W
Adapter 2#	Model: ADS-18FQA-12 12018EPCU-L Input: 100-127V ~ 50/60Hz Max 0.7A Output: 12.0V = 1.5A
Remark: The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5180~5240MHz, 5260~5320MHz, 5500~5720MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5190~5230MHz, 5270~5310MHz, 5510~5710MHz, 5755~5795MHz For 802.11ac-VHT80/ax-HE80: 5210MHz, 5290MHz, 5530MHz, 5610 MHz, 5690MHz, 5775MHz For 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz
Type of Modulation	802.11a/n/ac: OFDM 802.11ax: OFDMA
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733.4Mbps 802.11ax: up to 4804Mbps
Power-on cycle	Requires 70.69 seconds to complete its power-on cycle
Uniform Spreading (For	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides,

DFS Frequency Band)	on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.
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1.6. Working Frequencies

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

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

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

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

802.11ac-VHT80/ax-HE80

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

802.11ac-VHT160/ax-HE160

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

1.7. Antenna Details

Antenna Type	Frequency Band (MHz)	Antenna Gain (dBi)				Directional Gain (dBi)	
		Ant 0	Ant 1	Ant 2	Ant 3	For Power	For PSD
WiFi Internal Antenna (2.4GHz 2*2 MIMO & 5GHz 4*4 MIMO)							
PIFA Antenna	2400 ~ 2483.5	2.75	2.85	--	--	2.85	3.35
	5150 ~ 5250	4.27	4.06	4.32	3.92	4.32	5.51
	5250 ~ 5350	4.31	4.37	4.46	4.07	4.46	5.43
	5470 ~ 5725	4.40	4.27	4.23	4.35	4.40	6.25
	5725 ~ 5850	4.40	4.27	4.23	4.35	4.40	6.28
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 and Beamforming mode for 802.11n/ac/ax.							

2. Test Configuration

2.1. Test Mode

Mode 1: Operating under AP mode

2.2. Test Channel

Test Mode	Test Channel	Test Frequency
802.11ax-HE20	100	5500 MHz
802.11ax-HE40	102	5510 MHz
802.11ax-HE80	106	5530 MHz
802.11ax-HE160	50	5250 MHz
802.11ax-HE160	114	5570 MHz

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.

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

3.2. DFS Devices Requirements

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

- (a) The Master Device will use DFS in order to detect Radar Waveforms with received signal strength above the DFS Detection Threshold in the 5250 ~ 5350 MHz and 5470 ~ 5725 MHz bands. DFS is not required in the 5150 ~ 5250 MHz or 5725 ~ 5825 MHz bands.
- (b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- (c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- (d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- (e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- (f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- (g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

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

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

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

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

These detection thresholds are listed in the following table.

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 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	$\text{Roundup} \left\{ \left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right\}$	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.

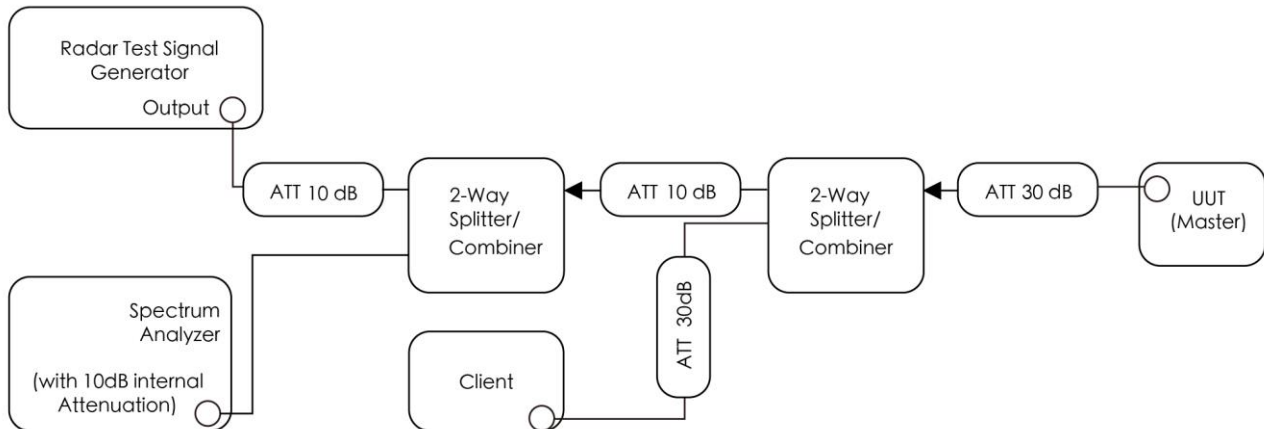


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2024-05-23	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06993	1 year	2024-07-31	WZ-SR4
Thermohygrometer	testo	608-H1	MRTSUE11256	1 year	2024-10-19	WZ-SR4

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wi-Fi Module	Intel	AX210NGW	FCC ID: PD9AX210NG

Software	Version	Manufacturer	Function
DFS Tool	V 6.9.2	Agilent	DFS Test Software
Signal Studio	V2.2.0.0	Keysight	DFS Test Software

5. Test Result

5.1. Summary

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

5.2. Radar Waveform Calibration Measurement

5.2.1. Calibration Setup

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

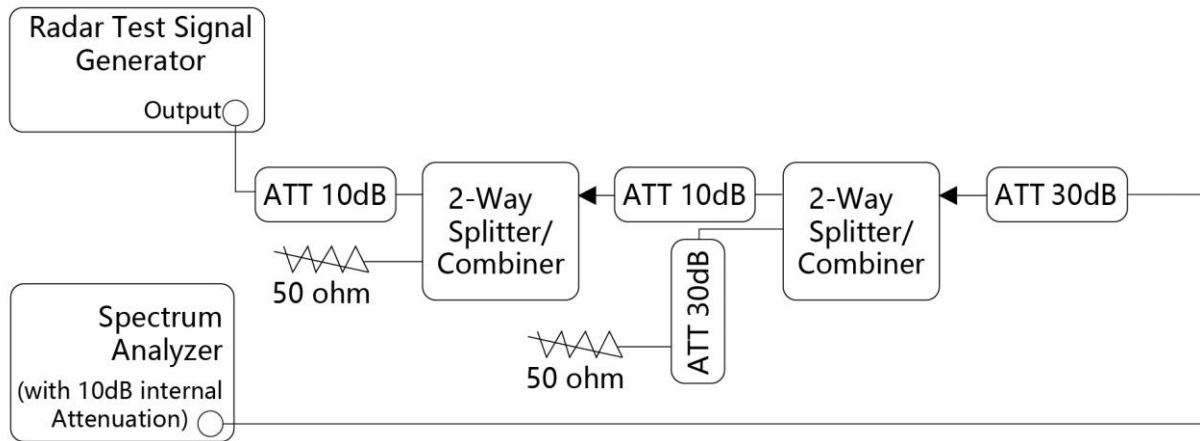


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

The Interference Radar Detection Threshold Level is $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63 \text{ dBm}$ 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 $(-64\text{dBm}) + (0) [\text{dBi}] + 1 \text{ dB} = -63\text{dBm}$. 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 F_H) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies above F_H 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 F_L) at which detection is greater than or equal to the U-NII Detection Bandwidth criterion. Recording the detection rate at frequencies below F_L is not required to demonstrate compliance.
7. The U-NII Detection Bandwidth is calculated as follows: $\text{U-NII Detection Bandwidth} = F_H - F_L$
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 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+ 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: $Dwell (1.5ms) = S (12 \text{ sec}) / B (8000)$; 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: $C = N \times Dwell$; 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	$P_d \geq 60\%$
1	30(15 of test A and 15 of test B)	$P_d \geq 60\%$
2	30	$P_d \geq 60\%$
3	30	$P_d \geq 60\%$
4	30	$P_d \geq 60\%$
Aggregate (Radar Types 1-4)	120	$P_d \geq 80\%$
5	30	$P_d \geq 80\%$
6	30	$P_d \geq 70\%$

Note: The percentage of successful detection is calculated by:
 $(\text{Total Waveform Detections} / \text{Total Waveform Trails}) * 100 = \text{Probability of Detection Radar Waveform}$
 In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows: $(P_{d1} + P_{d2} + P_{d3} + P_{d4}) / 4$.

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

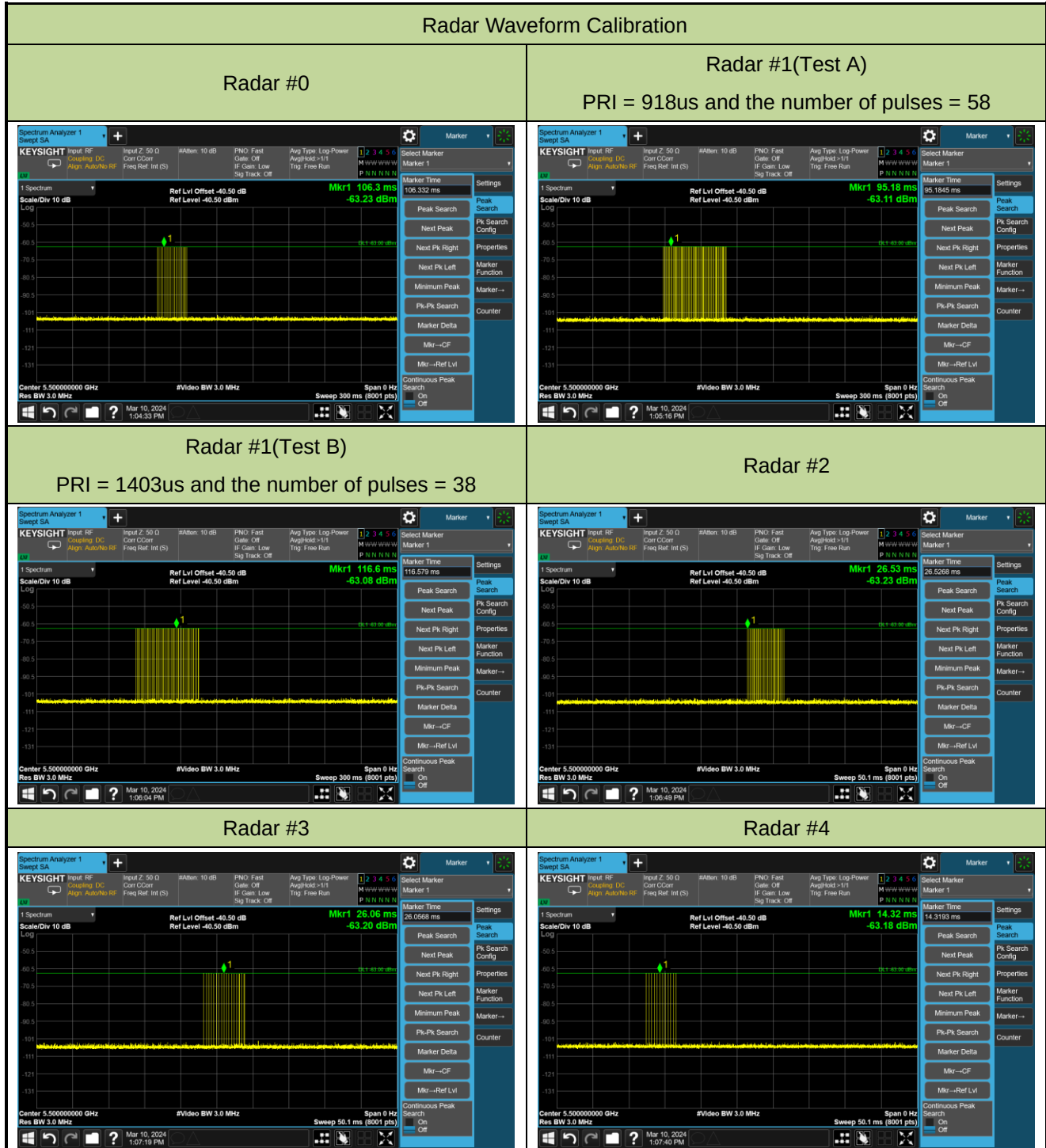
5.8.3. Test Result

Refer to Appendix A.8.

Appendix A – Test Result

A.1 Calibration Test Result

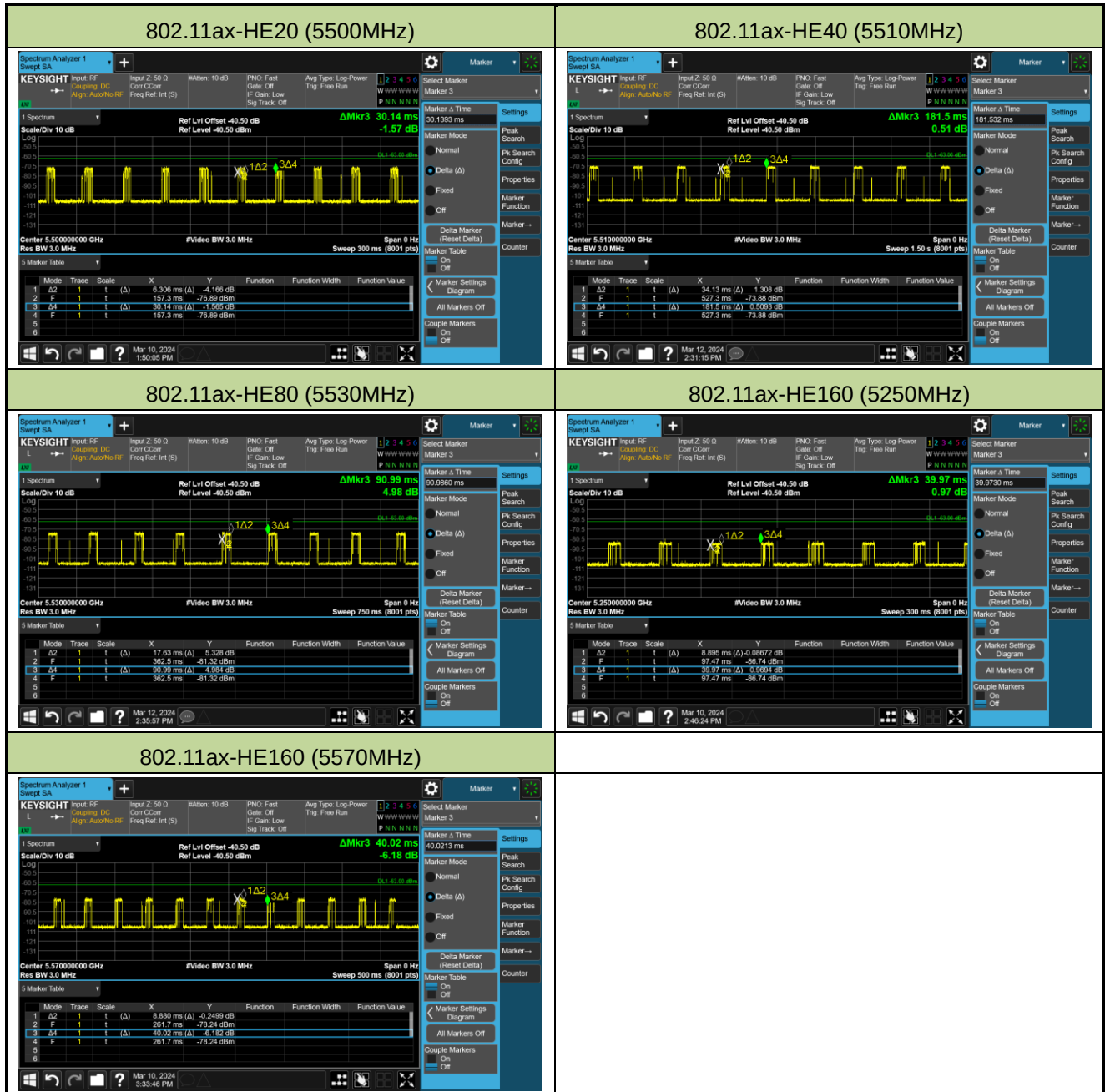
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10	Test Item	Radar Waveform Calibration





A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10~2024-03-12	Test Item	Channel Loading



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	20.92%	$\geq 17\%$	Pass
802.11ax-HE40	5510 MHz	18.80%	$\geq 17\%$	Pass
802.11ax-HE80	5530 MHz	19.38%	$\geq 17\%$	Pass
802.11ax-HE160	5250 MHz	22.25%	$\geq 17\%$	Pass
802.11ax-HE160	5570 MHz	22.19%	$\geq 17\%$	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	2024-03-11		
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz)		

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

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 18.032MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5509.6\text{MHz} - 5490.4\text{MHz} = 19.2\text{MHz}$

Note 3: NII Detection Bandwidth Min. Limit (MHz): $18.032\text{MHz} \times 100\% = 18.032\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz)		

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

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 37.818MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5530\text{MHz} - 5490\text{MHz} = 40\text{MHz}$.

Note 3: NII Detection Bandwidth Min. Limit (MHz): $37.818\text{MHz} \times 100\% = 37.818\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5490 FL	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570 FH	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 77.512MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5570\text{MHz} - 5490\text{MHz} = 80\text{MHz}$.

Note 3: NII Detection Bandwidth Min. Limit (MHz): $77.512\text{MHz} \times 100\% = 77.512\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-12		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5250MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										Detection Rate (%)
	1	2	3	4	5	6	7	8	9	10	
5250 FL	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5330 FH	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz. The 99% channel bandwidth within U-NII Band-2A is 78.20MHz (99% BW / 2 = 156.40MHz / 2 = 78.20MHz). (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5330\text{MHz} - 5250\text{MHz} = 80\text{MHz}$.

Note 3: NII Detection Bandwidth Min. Limit (MHz): $78.20\text{MHz} \times 100\% = 78.20\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5570MHz)		

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

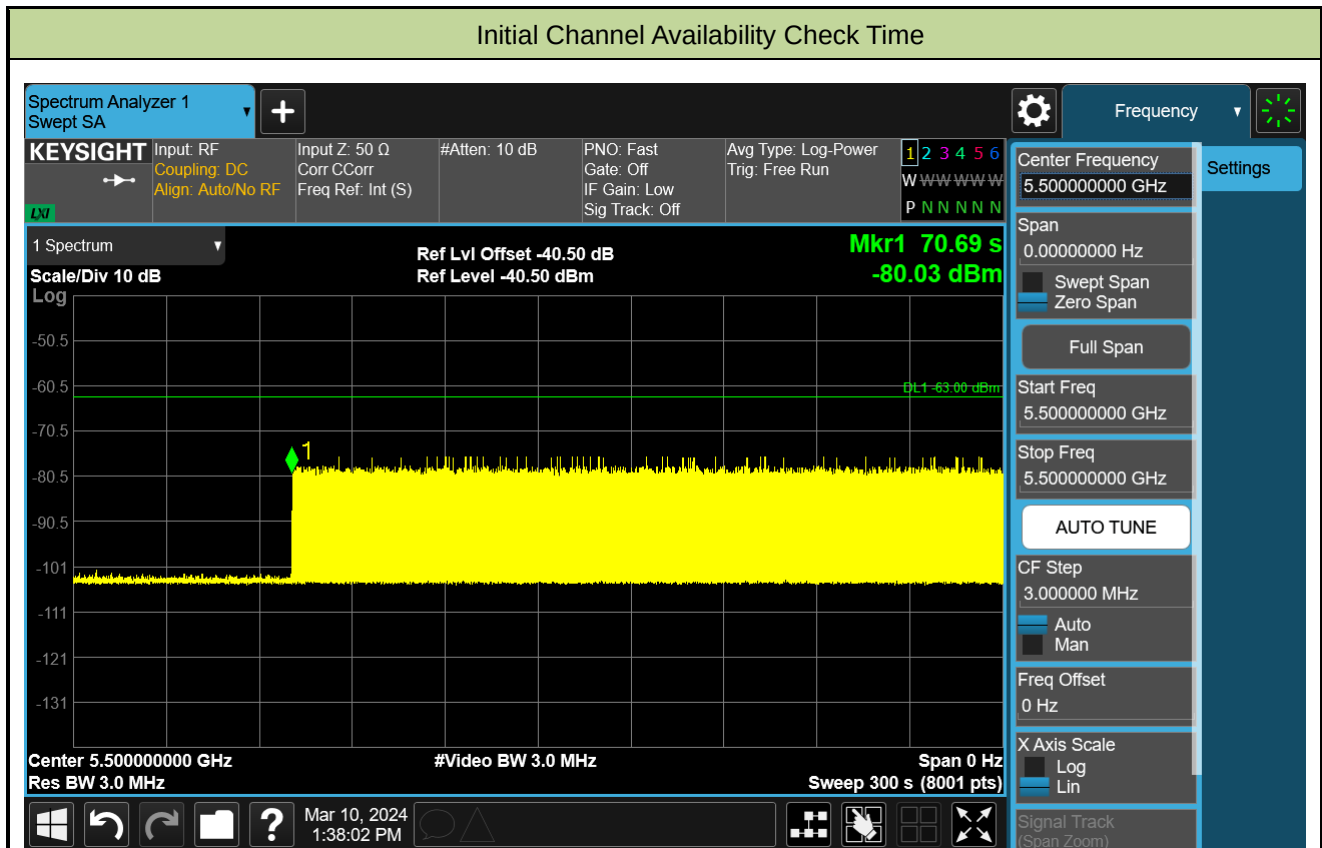
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5570MHz. The 99% channel bandwidth is 156.31MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5650\text{MHz} - 5490\text{MHz} = 160\text{MHz}$

Note 3: NII Detection Bandwidth Min. Limit (MHz): $156.31\text{MHz} \times 100\% = 156.31\text{MHz}$.

A.4 Initial Channel Availability Check Time Test Result

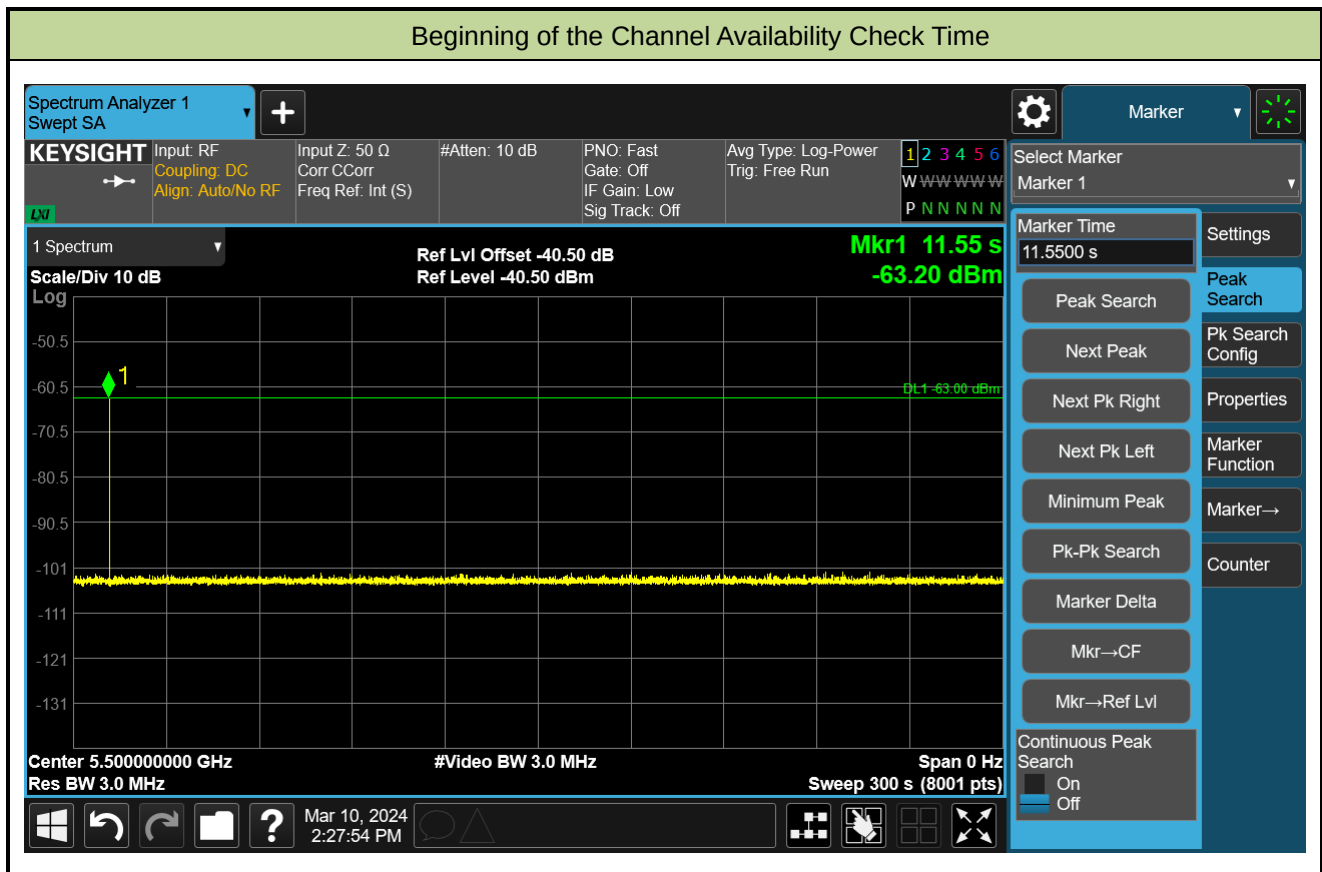
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10		
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (10.69 sec). Initial beacons/data transmissions are indicated by marker 1 (70.69 sec).

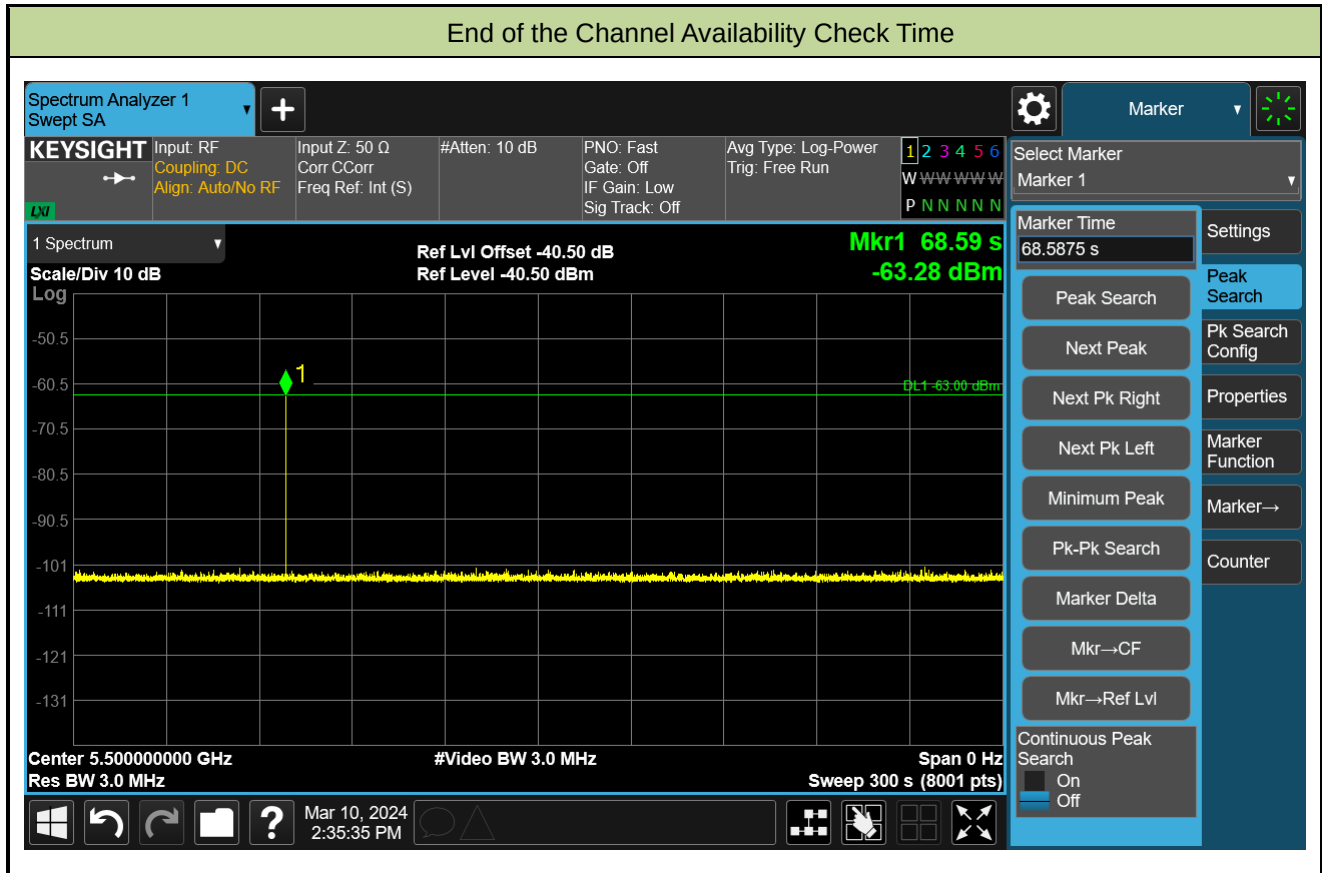
A.5 Radar Burst at the Beginning of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10		
Test Item	Beginning of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



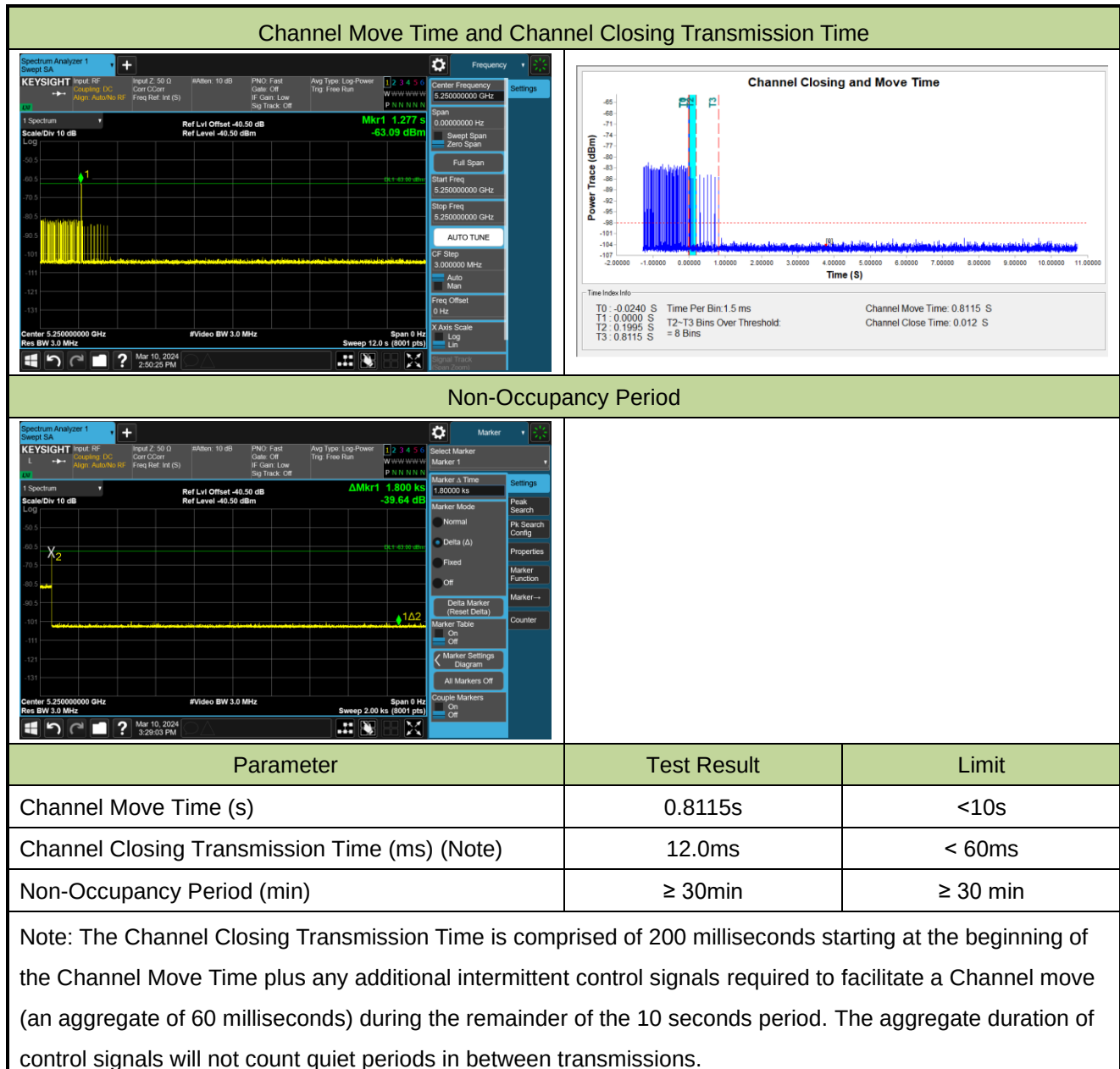
A.6 Radar Burst at the End of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		

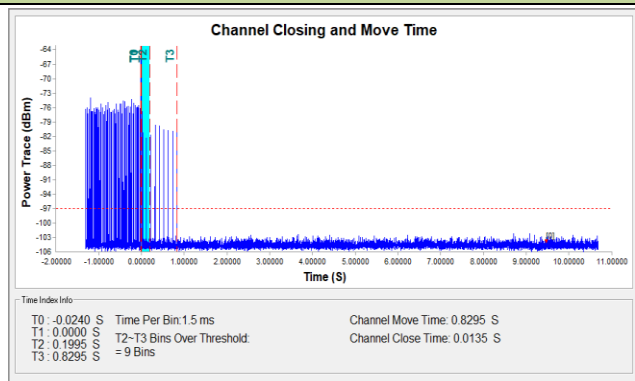
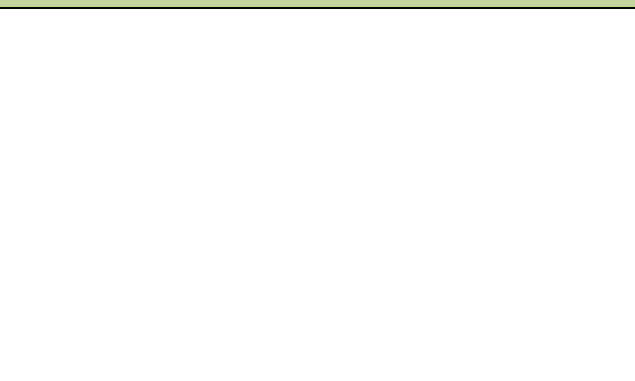


A.7 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5250MHz)		



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-10		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5570MHz)		

Channel Move Time and Channel Closing Transmission Time		
		
Non-Occupancy Period		
		
Parameter	Test Result	Limit
Channel Move Time (s)	0.8295s	<10s
Channel Closing Transmission Time (ms) (Note)	13.5ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.		

A.8 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
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	5507	1	5497	1	5508	1	5509	1
1	5506	1	5501	0	5492	1	5497	0
2	5495	1	5509	1	5493	1	5498	1
3	5508	1	5507	1	5491	1	5494	0
4	5494	1	5491	1	5506	1	5492	1
5	5501	1	5493	1	5509.6	1	5500	1
6	5496	1	5492	1	5498	1	5493	1
7	5504	1	5508	1	5503	1	5499	1
8	5500	1	5504	1	5496	1	5491	0
9	5492	1	5495	0	5509	0	5495	1
10	5493	1	5506	1	5499	1	5503	0
11	5509	1	5503	1	5500	1	5496	1
12	5503	1	5505	1	5502	0	5507	0
13	5497	1	5499	1	5494	1	5508	1
14	5498	1	5494	1	5501	0	5506	1
15	5509.6	1	5500	1	5495	1	5505	1
16	5505	1	5498	1	5497	1	5492	1
17	5491	1	5496	1	5504	1	5501	1
18	5499	1	5507	1	5507	1	5504	1
19	5502	1	5502	1	5505	1	5502	1
20	5498	1	5504	1	5491	1	5493	1
21	5503	1	5491	0	5503	1	5509	1
22	5506	1	5492	1	5494	1	5509.6	1
23	5499	1	5502	1	5507	0	5497	1
24	5509	1	5509.6	0	5501	1	5495	1
25	5502	1	5491	1	5493	1	5500	0
26	5507	1	5492	1	5505	1	5490.4	1
27	5502	1	5508	1	5500	1	5491	1

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect
	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect
28	5491	1	5497	1	5491	1	5494	1
29	5490.4	1	5490.4	0	5490.4	1	5499	1
Probability:	100.0%		83.3%		86.7%		80.0%	
Aggregate:	87.5% (>80%)							

Radar Type 1 - Radar Waveform							Radar Type 2 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	698.0	76	53048.0	Download	0	Type 2	1.3	203.0	23	4669.0
Download	1	Type 1	1.0	678.0	78	52884.0	Download	1	Type 2	1.3	182.0	23	4186.0
Download	2	Type 1	1.0	718.0	74	53132.0	Download	2	Type 2	3.5	160.0	27	4320.0
Download	3	Type 1	1.0	838.0	63	52794.0	Download	3	Type 2	1.1	187.0	23	4301.0
Download	4	Type 1	1.0	858.0	62	53196.0	Download	4	Type 2	4.5	213.0	29	6177.0
Download	5	Type 1	1.0	618.0	86	53148.0	Download	5	Type 2	1.9	226.0	24	5424.0
Download	6	Type 1	1.0	538.0	99	53262.0	Download	6	Type 2	4.8	168.0	29	4872.0
Download	7	Type 1	1.0	558.0	95	53010.0	Download	7	Type 2	3.8	171.0	27	4617.0
Download	8	Type 1	1.0	758.0	70	53060.0	Download	8	Type 2	5.0	195.0	29	5655.0
Download	9	Type 1	1.0	598.0	89	53222.0	Download	9	Type 2	1.0	189.0	23	4347.0
Download	10	Type 1	1.0	518.0	102	52836.0	Download	10	Type 2	1.1	155.0	23	3565.0
Download	11	Type 1	1.0	738.0	72	53136.0	Download	11	Type 2	5.0	177.0	29	5133.0
Download	12	Type 1	1.0	658.0	81	53298.0	Download	12	Type 2	4.4	172.0	28	4816.0
Download	13	Type 1	1.0	878.0	61	53558.0	Download	13	Type 2	5.0	161.0	29	4669.0
Download	14	Type 1	1.0	898.0	59	52982.0	Download	14	Type 2	1.0	211.0	23	4853.0
Download	15	Type 1	1.0	2661.0	20	53220.0	Download	15	Type 2	2.3	188.0	25	4700.0
Download	16	Type 1	1.0	2851.0	19	54169.0	Download	16	Type 2	2.3	207.0	25	5175.0
Download	17	Type 1	1.0	1540.0	35	53900.0	Download	17	Type 2	2.0	174.0	24	4176.0
Download	18	Type 1	1.0	1105.0	48	53040.0	Download	18	Type 2	4.5	223.0	28	6244.0
Download	19	Type 1	1.0	645.0	82	52890.0	Download	19	Type 2	1.2	208.0	23	4784.0
Download	20	Type 1	1.0	1526.0	35	53410.0	Download	20	Type 2	1.7	185.0	24	4440.0
Download	21	Type 1	1.0	1794.0	30	53820.0	Download	21	Type 2	1.9	196.0	24	4704.0
Download	22	Type 1	1.0	2639.0	20	52780.0	Download	22	Type 2	3.8	173.0	27	4671.0
Download	23	Type 1	1.0	736.0	72	52992.0	Download	23	Type 2	3.5	159.0	27	4293.0
Download	24	Type 1	1.0	2400.0	22	52890.0	Download	24	Type 2	3.3	154.0	26	4004.0
Download	25	Type 1	1.0	1917.0	28	53676.0	Download	25	Type 2	2.3	229.0	25	5725.0
Download	26	Type 1	1.0	2703.0	20	54060.0	Download	26	Type 2	1.7	205.0	24	4920.0
Download	27	Type 1	1.0	2345.0	23	53935.0	Download	27	Type 2	1.3	169.0	23	3887.0
Download	28	Type 1	1.0	2308.0	23	53084.0	Download	28	Type 2	3.3	214.0	26	5564.0
Download	29	Type 1	1.0	519.0	102	52938.0	Download	29	Type 2	2.6	167.0	25	4175.0

Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	6.3	403.0	16	6448.0	Download	0	Type 4	11.7	403.0	12	4836.0
Download	1	Type 3	6.3	218.0	16	3488.0	Download	1	Type 4	11.7	218.0	12	2616.0
Download	2	Type 3	8.5	277.0	17	4709.0	Download	2	Type 4	16.6	277.0	15	4155.0
Download	3	Type 3	6.1	265.0	16	4240.0	Download	3	Type 4	11.3	265.0	12	3180.0
Download	4	Type 3	9.5	479.0	18	8622.0	Download	4	Type 4	18.8	479.0	16	7664.0
Download	5	Type 3	6.9	313.0	16	5008.0	Download	5	Type 4	13.1	313.0	13	4069.0
Download	6	Type 3	9.8	219.0	18	3942.0	Download	6	Type 4	19.5	219.0	16	3504.0
Download	7	Type 3	8.8	294.0	18	5292.0	Download	7	Type 4	17.2	294.0	15	4410.0
Download	8	Type 3	10.0	335.0	18	6030.0	Download	8	Type 4	20.0	335.0	16	5360.0
Download	9	Type 3	6.0	341.0	16	5456.0	Download	9	Type 4	11.0	341.0	12	4092.0
Download	10	Type 3	6.1	284.0	16	4544.0	Download	10	Type 4	11.3	284.0	12	3408.0
Download	11	Type 3	10.0	302.0	18	5436.0	Download	11	Type 4	20.0	302.0	16	4832.0
Download	12	Type 3	9.4	318.0	18	5724.0	Download	12	Type 4	18.6	318.0	16	5088.0
Download	13	Type 3	10.0	428.0	18	7704.0	Download	13	Type 4	20.0	428.0	16	6848.0
Download	14	Type 3	6.0	311.0	16	4976.0	Download	14	Type 4	11.1	311.0	12	3732.0
Download	15	Type 3	7.3	320.0	17	5440.0	Download	15	Type 4	14.0	320.0	13	4160.0
Download	16	Type 3	7.3	375.0	16	6000.0	Download	16	Type 4	13.9	375.0	13	4875.0
Download	17	Type 3	7.0	229.0	16	3664.0	Download	17	Type 4	13.3	229.0	13	2977.0
Download	18	Type 3	9.5	386.0	18	6948.0	Download	18	Type 4	18.7	386.0	16	6176.0
Download	19	Type 3	6.2	395.0	16	6320.0	Download	19	Type 4	11.6	395.0	12	4740.0
Download	20	Type 3	6.7	333.0	16	5328.0	Download	20	Type 4	12.7	333.0	12	3996.0
Download	21	Type 3	6.9	366.0	16	5856.0	Download	21	Type 4	13.1	366.0	13	4758.0
Download	22	Type 3	8.8	261.0	18	4698.0	Download	22	Type 4	17.2	261.0	15	3915.0
Download	23	Type 3	8.5	407.0	17	6919.0	Download	23	Type 4	16.7	407.0	15	6105.0
Download	24	Type 3	8.3	455.0	17	7735.0	Download	24	Type 4	16.1	455.0	14	6370.0
Download	25	Type 3	7.3	498.0	16	7968.0	Download	25	Type 4	13.9	498.0	13	6474.0
Download	26	Type 3	6.7	467.0	16	7472.0	Download	26	Type 4	12.7	467.0	12	5604.0
Download	27	Type 3	6.3	365.0	16	5840.0	Download	27	Type 4	11.6	365.0	12	4380.0
Download	28	Type 3	8.3	418.0	17	7106.0	Download	28	Type 4	16.1	418.0	14	5852.0
Download	29	Type 3	7.6	282.0	17	4794.0	Download	29	Type 4	14.5	282.0	13	3666.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5500	1	15	5494.4	1
1	5500	1	16	5494.4	1
2	5500	1	17	5494	1
3	5500	0	18	5497.6	1
4	5500	1	19	5492.8	1
5	5500	1	20	5506.4	1
6	5500	1	21	5506.4	1
7	5500	1	22	5503.2	1
8	5500	1	23	5503.6	1
9	5500	1	24	5504	1
10	5492.4	1	25	5505.6	1
11	5498.4	1	26	5506.4	1
12	5497.6	1	27	5507.2	0
13	5498.4	1	28	5504	1
14	5492.4	1	29	5505.2	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)
426600.0	53.8	6	1	1245.0	—	—
749742.0	54.3	6	1	1122.0	—	—
1071025.0	80.9	6	2	1559.0	1823.0	—
63705.0	52.0	6	1	1783.0	—	—
385738.0	93.0	6	3	1595.0	1663.0	1660.0
709716.0	61.7	6	1	1549.0	—	—
1029991.0	96.8	6	3	1909.0	1848.0	1306.0
23884.0	84.3	6	3	1678.0	1028.0	1431.0
346155.0	100.0	6	3	1714.0	1781.0	1029.0
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)
669937.0	50.3	6	1	1534.0	—	—
993148.0	52.1	6	1	1255.0	—	—
1313636.0	99.8	6	3	1215.0	1402.0	1253.0
306280.0	91.9	6	3	1495.0	1805.0	1995.0
628501.0	99.9	6	3	1346.0	1793.0	1881.0
952926.0	50.9	6	1	1852.0	—	—
1274055.0	67.0	6	2	1850.0	1878.0	—
267302.0	66.0	6	1	1826.0	—	—
590160.0	62.7	6	1	1994.0	—	—
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)
511412.0	92.8	14	3	1523.0	1052.0	1725.0
694759.0	53.5	14	1	1616.0	—	—
127918.0	59.4	14	1	1405.0	—	—
309253.0	61.5	14	1	1944.0	—	—
488542.0	84.5	14	3	1782.0	1790.0	1631.0
670419.0	81.4	14	2	1917.0	1906.0	—
105418.0	78.3	14	2	1160.0	1209.0	—
287155.0	66.1	14	1	1293.0	—	—
468314.0	59.5	14	1	1973.0	—	—
650474.0	53.8	14	1	1121.0	—	—
82984.0	78.4	14	2	1352.0	1911.0	—
264362.0	69.8	14	2	1266.0	1230.0	—
444555.0	93.5	14	3	1928.0	1096.0	1317.0
627976.0	50.3	14	1	1271.0	—	—
60839.0	60.9	14	1	1249.0	—	—
241258.0	86.0	14	3	1872.0	1699.0	1312.0

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)	
846565.0	93.4	5	3	1972.0	1482.0	1686.0	
1212054.0	55.1	5	1	1507.0	—	—	
76922.0	72.5	5	2	1632.0	1242.0	—	
439972.0	67.6	5	2	1418.0	1626.0	—	
803810.0	51.8	5	1	1592.0	—	—	
1167115.0	59.2	5	1	1728.0	—	—	
32222.0	54.6	5	1	1680.0	—	—	
395587.0	65.9	5	1	1773.0	—	—	
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)	
319132.0	50.0	18	1	1591.0	—	—	
469725.0	91.9	18	3	1844.0	1645.0	1037.0	
621746.0	97.7	18	3	1073.0	1760.0	1753.0	
147001.0	72.9	18	2	1941.0	1865.0	—	
299680.0	82.5	18	2	1849.0	1066.0	—	
453221.0	64.1	18	1	1427.0	—	—	
606288.0	66.0	18	1	1183.0	—	—	
128685.0	51.6	18	1	1661.0	—	—	
279895.0	83.9	18	3	1598.0	1870.0	1695.0	
433883.0	81.3	18	2	1163.0	1009.0	—	
587453.0	60.1	18	1	1185.0	—	—	
109539.0	68.6	18	2	1605.0	1936.0	—	
262528.0	65.3	18	1	1933.0	—	—	
413276.0	92.3	18	3	1525.0	1788.0	1594.0	
567598.0	69.8	18	2	1132.0	1187.0	—	
90570.0	99.5	18	3	1285.0	1929.0	1757.0	
243372.0	73.8	18	2	1501.0	1325.0	—	
395591.0	76.8	18	2	1786.0	1475.0	—	
549402.0	52.1	18	1	1628.0	—	—	

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)
124631.0	93.0	8	3	1004.0	1196.0	1799.0
389214.0	55.9	8	1	1274.0	—	—
652715.0	80.2	8	2	1199.0	1360.0	—
917239.0	56.9	8	1	1888.0	—	—
92340.0	51.8	8	1	1873.0	—	—
355733.0	88.9	8	3	1080.0	1449.0	1583.0
620621.0	55.8	8	1	1822.0	—	—
884696.0	56.5	8	1	1899.0	—	—
59630.0	95.9	8	3	1565.0	1671.0	1841.0
322967.0	94.5	8	3	1988.0	1161.0	1967.0
586631.0	98.4	8	3	1514.0	1520.0	1481.0

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)
468281.0	60.9	19	1	1566.0	—	—
14904.0	83.6	19	3	1938.0	1092.0	1820.0
159490.0	98.9	19	3	1355.0	1399.0	1186.0
304032.0	93.5	19	3	1117.0	1499.0	1366.0
450084.0	61.5	19	1	1990.0	—	—
593073.0	92.7	19	3	1239.0	1232.0	1576.0
141452.0	83.8	19	3	1298.0	1907.0	1708.0
287589.0	55.4	19	1	1145.0	—	—
430261.0	83.7	19	3	1804.0	1367.0	1529.0
575742.0	95.5	19	3	1030.0	1445.0	1083.0
123634.0	87.8	19	3	1739.0	1800.0	1567.0
268679.0	76.7	19	2	1916.0	1492.0	—
412165.0	86.0	19	3	1931.0	1571.0	1648.0
559722.0	62.1	19	1	1635.0	—	—
105847.0	90.3	19	3	1719.0	1677.0	1796.0
250428.0	92.3	19	3	1980.0	1050.0	1397.0
395821.0	70.7	19	2	1103.0	1894.0	—
542059.0	51.0	19	1	1400.0	—	—
88210.0	85.3	19	3	1683.0	1602.0	1007.0
232994.0	73.1	19	2	1587.0	1922.0	—

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)
471681.0	93.9	15	3	1862.0	1814.0	1336.0
654538.0	75.0	15	2	1077.0	1452.0	—
88489.0	57.0	15	1	1380.0	—	—
269862.0	61.6	15	1	1908.0	—	—
451301.0	60.0	15	1	1902.0	—	—
631296.0	69.8	15	2	1737.0	1871.0	—
65801.0	85.0	15	3	1854.0	1874.0	1309.0
246732.0	95.8	15	3	1880.0	1048.0	1342.0
427448.0	84.0	15	3	1859.0	1515.0	1152.0
609408.0	76.7	15	2	1504.0	1601.0	—
43724.0	57.6	15	1	1983.0	—	—
224986.0	70.2	15	2	1095.0	1407.0	—
406950.0	57.2	15	1	1264.0	—	—
585788.0	85.5	15	3	1637.0	1885.0	1246.0
21345.0	70.4	15	2	1137.0	1982.0	—
202420.0	76.5	15	2	1996.0	1370.0	—

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)
306614.0	69.7	20	2	1235.0	1824.0	—
451498.0	71.8	20	2	1771.0	1147.0	—
596666.0	80.8	20	2	1109.0	1451.0	—
144007.0	77.2	20	2	1778.0	1267.0	—
289374.0	65.7	20	1	1832.0	—	—
433492.0	68.3	20	2	1151.0	1998.0	—
576749.0	93.2	20	3	1747.0	1688.0	1261.0
126430.0	56.6	20	1	1833.0	—	—
271773.0	55.1	20	1	1241.0	—	—
415863.0	79.2	20	2	1672.0	1188.0	—
559130.0	94.3	20	3	1276.0	1656.0	1588.0
108147.0	94.8	20	3	1734.0	1061.0	1315.0
253882.0	61.6	20	1	1248.0	—	—
396892.0	96.6	20	3	1706.0	1676.0	1176.0
541562.0	85.1	20	3	1383.0	1610.0	1283.0
90682.0	55.4	20	1	1884.0	—	—
235908.0	60.5	20	1	1470.0	—	—
379995.0	71.4	20	2	1348.0	1810.0	—
526299.0	54.5	20	1	1394.0	—	—
72505.0	85.9	20	3	1299.0	1294.0	1831.0

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)
545345.0	76.5	5	2	1371.0	1539.0	–
906961.0	87.3	5	3	1997.0	1596.0	1748.0
1269447.0	83.5	5	3	1746.0	1985.0	1630.0
137355.0	91.7	5	3	1643.0	1886.0	1272.0
501133.0	57.7	5	1	1379.0	–	–
863237.0	88.0	5	3	1338.0	1074.0	1322.0
1227110.0	71.4	5	2	1305.0	1231.0	–
92863.0	56.9	5	1	1961.0	–	–

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)
455455.0	87.9	5	3	1597.0	1041.0	1720.0
818752.0	67.6	5	2	1561.0	1780.0	–
1181726.0	69.5	5	2	1593.0	1764.0	–
48114.0	50.4	5	1	1853.0	–	–
410840.0	91.8	5	3	1879.0	1167.0	1072.0
774929.0	63.7	5	1	1621.0	–	–
1137087.0	72.5	5	2	1681.0	1582.0	–
3352.0	99.0	5	3	1890.0	1300.0	1497.0

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)
146067.0	70.2	20	2	1256.0	2000.0	–
291413.0	58.1	20	1	1991.0	–	–
436916.0	57.3	20	1	1351.0	–	–
581291.0	75.6	20	2	1180.0	1010.0	–
128140.0	81.8	20	2	1989.0	1730.0	–
273649.0	50.4	20	1	1770.0	–	–
419002.0	56.4	20	1	1393.0	–	–
562721.0	80.8	20	2	1580.0	1364.0	–
110367.0	75.6	20	2	1530.0	1970.0	–
254746.0	90.2	20	3	1438.0	1458.0	1286.0
399331.0	84.2	20	3	1395.0	1212.0	1455.0
543422.0	87.5	20	3	1417.0	1946.0	1184.0
92354.0	91.7	20	3	1717.0	1043.0	1984.0
237992.0	52.1	20	1	1551.0	–	–
383154.0	59.7	20	1	1521.0	–	–
525349.0	85.8	20	3	1287.0	1611.0	1971.0
74777.0	81.0	20	2	1589.0	1510.0	–
219072.0	84.5	20	3	1404.0	1614.0	1365.0
365023.0	50.0	20	1	1934.0	–	–
509087.0	82.5	20	2	1713.0	1377.0	–

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)
63112.0	88.3	18	3	1958.0	1684.0	1488.0
223800.0	89.1	18	3	1827.0	1462.0	1116.0
385596.0	69.5	18	2	1058.0	1321.0	—
545789.0	77.7	18	2	1801.0	1693.0	—
43338.0	96.9	18	3	1735.0	1889.0	1667.0
203942.0	86.2	18	3	1518.0	1847.0	1279.0
365704.0	68.8	18	2	1198.0	1265.0	—
525730.0	87.6	18	3	1257.0	1217.0	1331.0
23730.0	59.7	18	1	1075.0	—	—
184230.0	93.8	18	3	1807.0	1512.0	1090.0
346479.0	52.9	18	1	1277.0	—	—
505382.0	98.0	18	3	1473.0	1189.0	1858.0
3840.0	74.0	18	2	1174.0	1045.0	—
164445.0	86.1	18	3	1430.0	1195.0	1785.0
325244.0	85.3	18	3	1290.0	1345.0	1406.0
487551.0	52.3	18	1	1860.0	—	—
648871.0	64.0	18	1	1775.0	—	—
145081.0	78.9	18	2	1373.0	1112.0	—

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)
276076.0	54.1	20	1	1094.0	—	—
419949.0	76.1	20	2	1243.0	1813.0	—
565296.0	80.8	20	2	1119.0	1335.0	—
112871.0	52.6	20	1	1408.0	—	—
258205.0	66.1	20	1	1046.0	—	—
402136.0	67.5	20	2	1893.0	1134.0	—
548196.0	53.8	20	1	1634.0	—	—
94475.0	84.0	20	3	1262.0	1709.0	1675.0
240242.0	65.3	20	1	1220.0	—	—
383411.0	85.7	20	3	1914.0	1062.0	1434.0
530865.0	57.9	20	1	1020.0	—	—
76666.0	83.7	20	3	1527.0	1654.0	1647.0
221522.0	69.5	20	2	1943.0	1517.0	—
367507.0	57.2	20	1	1333.0	—	—
512853.0	63.6	20	1	1157.0	—	—
58937.0	90.0	20	3	1027.0	1308.0	1974.0
204211.0	60.6	20	1	1965.0	—	—
348623.0	81.2	20	2	1275.0	1769.0	—
491449.0	88.7	20	3	1652.0	1836.0	1921.0
41213.0	79.7	20	2	1942.0	1327.0	—

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)	
466595.0	78.7	5	2	1100.0	1461.0	–	
828881.0	95.6	5	3	1303.0	1662.0	1202.0	
1192618.0	81.6	5	2	1044.0	1930.0	–	
58685.0	68.9	5	2	1485.0	1034.0	–	
421882.0	71.1	5	2	1105.0	1376.0	–	
784659.0	81.8	5	2	1803.0	1477.0	–	
1146985.0	87.3	5	3	1698.0	1063.0	1401.0	
13927.0	86.3	5	3	1703.0	1892.0	1295.0	
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)	
251419.0	63.5	10	1	1697.0	–	–	
493690.0	55.5	10	1	1391.0	–	–	
734174.0	66.9	10	2	1861.0	1851.0	–	
977641.0	57.3	10	1	1838.0	–	–	
221227.0	71.7	10	2	1792.0	1564.0	–	
463752.0	52.0	10	1	1620.0	–	–	
704736.0	80.4	10	2	1999.0	1254.0	–	
946465.0	74.0	10	2	1969.0	1297.0	–	
191852.0	51.7	10	1	1282.0	–	–	
432733.0	85.6	10	3	1887.0	1033.0	1444.0	
675037.0	73.0	10	2	1149.0	1987.0	–	
918105.0	51.9	10	1	1726.0	–	–	
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)	
161884.0	73.8	10	2	1084.0	1008.0	–	
404093.0	62.9	10	1	1636.0	–	–	
645418.0	70.9	10	2	1568.0	1319.0	–	
886902.0	83.1	10	2	1590.0	1687.0	–	
131923.0	79.7	10	2	1659.0	1562.0	–	
374030.0	76.0	10	2	1115.0	1153.0	–	
615640.0	74.3	10	2	1334.0	1536.0	–	
855776.0	95.7	10	3	1910.0	1127.0	1809.0	
102061.0	84.3	10	3	1396.0	1234.0	1412.0	
343557.0	84.0	10	3	1409.0	1570.0	1224.0	
585580.0	75.4	10	2	1665.0	1669.0	–	
828916.0	54.1	10	1	1389.0	–	–	

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)
79057.0	63.7	9	1	1977.0	–	–
342110.0	84.4	9	3	1448.0	1904.0	1951.0
607268.0	50.1	9	1	1960.0	–	–
871346.0	58.5	9	1	1993.0	–	–
46464.0	94.5	9	3	1302.0	1086.0	1032.0
310867.0	61.8	9	1	1133.0	–	–
574373.0	81.6	9	2	1194.0	1453.0	–
837705.0	84.4	9	3	1247.0	1162.0	1025.0
13992.0	80.3	9	2	1182.0	1005.0	–
277947.0	67.6	9	2	1480.0	1079.0	–
541630.0	70.5	9	2	1136.0	1978.0	–
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)
466704.0	59.8	18	1	1278.0	–	–
618026.0	68.8	18	2	1361.0	1490.0	–
142046.0	50.5	18	1	1691.0	–	–
294707.0	61.9	18	1	1918.0	–	–
446806.0	67.5	18	2	1674.0	1107.0	–
598784.0	76.9	18	2	1704.0	1629.0	–
122811.0	89.6	18	3	1070.0	1011.0	1743.0
274633.0	88.3	18	3	1484.0	1318.0	2000.0
427714.0	75.0	18	2	1949.0	1284.0	–
581462.0	58.1	18	1	1766.0	–	–
104053.0	86.7	18	3	1419.0	1363.0	1067.0
257152.0	55.8	18	1	1755.0	–	–
409902.0	65.8	18	1	1758.0	–	–
561174.0	74.7	18	2	1575.0	1839.0	–
85217.0	98.5	18	3	1323.0	1712.0	1424.0
237173.0	89.3	18	3	1532.0	1358.0	1940.0
389567.0	95.2	18	3	1099.0	1915.0	1191.0
543659.0	57.4	18	1	1966.0	–	–
66450.0	91.6	18	3	1258.0	1812.0	1692.0

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)
522318.0	51.9	6	1	1426.0	–	–
884648.0	79.5	6	2	1876.0	1447.0	–
1247841.0	80.2	6	2	1353.0	1729.0	–
114060.0	62.8	6	1	1919.0	–	–
476662.0	93.7	6	3	1572.0	1386.0	1250.0
839019.0	87.4	6	3	1845.0	1460.0	1650.0
1204138.0	51.8	6	1	1816.0	–	–
69284.0	71.8	6	2	1038.0	1344.0	–
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)
345723.0	79.6	8	2	1519.0	1359.0	–
635759.0	90.0	8	3	1141.0	1012.0	1296.0
927672.0	54.0	8	1	1237.0	–	–
19580.0	88.6	8	3	1875.0	1761.0	1624.0
309996.0	71.7	8	2	1269.0	1466.0	–
601012.0	56.2	8	1	1456.0	–	–
888900.0	92.5	8	3	1491.0	1956.0	1768.0
1182623.0	61.1	8	1	1211.0	–	–
274500.0	64.3	8	1	1548.0	–	–
564305.0	79.1	8	2	1924.0	1443.0	–
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)
778271.0	64.0	8	1	1060.0	–	–
1041808.0	56.8	8	1	1882.0	–	–
216571.0	68.8	8	2	1932.0	1618.0	–
479994.0	94.7	8	3	1054.0	1216.0	1950.0
743301.0	95.8	8	3	1670.0	1139.0	1776.0
1010039.0	50.3	8	1	1057.0	–	–
183948.0	96.0	8	3	1205.0	1415.0	1750.0
448163.0	77.1	8	2	1432.0	1251.0	–
711499.0	78.5	8	2	1642.0	1948.0	–
974501.0	84.4	8	3	1464.0	1329.0	1585.0
151510.0	83.9	8	3	1976.0	1120.0	1118.0

Type 5 Radar Waveform_22

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
284865.0	96.0	16	3	1923.0	1193.0	1076.0
466647.0	72.6	16	2	1727.0	1023.0	—
646592.0	86.4	16	3	1093.0	1244.0	1897.0
81904.0	76.9	16	2	1140.0	1207.0	—
262648.0	88.8	16	3	1390.0	1414.0	1208.0
445232.0	65.6	16	1	1223.0	—	—
623256.0	91.0	16	3	1883.0	1835.0	1779.0
59462.0	79.6	16	2	1819.0	1867.0	—
241258.0	56.0	16	1	1229.0	—	—
422937.0	56.9	16	1	1091.0	—	—
603806.0	74.6	16	2	1003.0	1035.0	—
37299.0	65.6	16	1	1021.0	—	—
218739.0	55.1	16	1	1745.0	—	—
400221.0	60.0	16	1	1732.0	—	—
578595.0	98.4	16	3	1959.0	1968.0	1798.0
14890.0	71.0	16	2	1623.0	1111.0	—

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)
196280.0	69.6	15	2	1128.0	1017.0	—
378182.0	64.9	15	1	1108.0	—	—
557079.0	99.7	15	3	1791.0	1291.0	1682.0
739177.0	73.4	15	2	1857.0	1538.0	—
174186.0	63.6	15	1	1082.0	—	—
354227.0	84.2	15	3	1123.0	1664.0	1651.0
537170.0	60.2	15	1	1483.0	—	—
717572.0	81.1	15	2	1463.0	1204.0	—
151710.0	50.6	15	1	1584.0	—	—
332553.0	72.7	15	2	1736.0	1356.0	—
514598.0	57.2	15	1	1789.0	—	—
694582.0	83.8	15	3	1047.0	1270.0	1064.0
129093.0	79.8	15	2	1702.0	1378.0	—
310527.0	66.9	15	2	1259.0	1142.0	—
492266.0	66.6	15	1	1759.0	—	—
673815.0	58.8	15	1	1673.0	—	—

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)
113812.0	67.5	14	2	1913.0	1975.0	—
306766.0	88.0	14	3	1843.0	1165.0	1213.0
499598.0	83.6	14	3	1711.0	1014.0	1765.0
694458.0	67.3	14	2	1177.0	1104.0	—
90120.0	67.7	14	2	1450.0	1633.0	—
283897.0	61.7	14	1	1679.0	—	—
476789.0	83.0	14	2	1192.0	1700.0	—
669340.0	90.6	14	3	1056.0	1439.0	1316.0
66407.0	51.4	14	1	1952.0	—	—
259801.0	81.5	14	2	1214.0	1221.0	—
453919.0	58.3	14	1	1233.0	—	—
646721.0	72.1	14	2	1301.0	1071.0	—
42454.0	89.5	14	3	1089.0	1310.0	1639.0
235440.0	91.2	14	3	1059.0	1657.0	1524.0
429883.0	63.6	14	1	1554.0	—	—

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)
777416.0	84.7	10	3	1516.0	1749.0	1236.0
23358.0	97.5	10	3	1762.0	1240.0	1437.0
265224.0	79.4	10	2	1357.0	1537.0	—
507223.0	76.4	10	2	1228.0	1332.0	—
749764.0	62.1	10	1	1721.0	—	—
990040.0	78.9	10	2	1855.0	1716.0	—
235686.0	60.9	10	1	1837.0	—	—
477168.0	70.2	10	2	1787.0	1311.0	—
720228.0	61.8	10	1	1324.0	—	—
961925.0	62.3	10	1	1856.0	—	—
205920.0	55.3	10	1	1579.0	—	—
447600.0	76.2	10	2	1164.0	1459.0	—

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)
828684.0	66.0	8	1	1281.0	—	—
1119487.0	58.3	8	1	1200.0	—	—
211432.0	57.2	8	1	1210.0	—	—
501049.0	99.9	8	3	1420.0	1078.0	1403.0
791540.0	89.2	8	3	1154.0	1013.0	1130.0
1080315.0	90.4	8	3	1314.0	1808.0	1794.0
175595.0	65.8	8	1	1369.0	—	—
465304.0	98.1	8	3	1469.0	1175.0	1289.0
756436.0	67.2	8	2	1273.0	1000.0	—
1045941.0	76.4	8	2	1742.0	1653.0	—

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)	
174567.0	81.0	6	2	1581.0	1563.0	–	
538153.0	53.2	6	1	1609.0	–	–	
901432.0	57.8	6	1	1821.0	–	–	
1264256.0	82.0	6	2	1146.0	1304.0	–	
130005.0	59.0	6	1	1341.0	–	–	
492794.0	72.0	6	2	1842.0	1574.0	–	
855875.0	82.2	6	2	1227.0	1992.0	–	
1218856.0	75.9	6	2	1615.0	1649.0	–	
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)	
45250.0	88.1	14	3	1172.0	1723.0	1493.0	
238067.0	91.7	14	3	1877.0	1416.0	1573.0	
432708.0	59.4	14	1	1552.0	–	–	
626277.0	59.1	14	1	1655.0	–	–	
21523.0	72.6	14	2	1206.0	1622.0	–	
214423.0	86.3	14	3	1166.0	1339.0	1955.0	
408898.0	50.4	14	1	1468.0	–	–	
599756.0	90.5	14	3	1829.0	1599.0	1767.0	
796228.0	54.4	14	1	1476.0	–	–	
190865.0	79.9	14	2	1627.0	1963.0	–	
385083.0	56.6	14	1	1385.0	–	–	
577399.0	67.7	14	2	1526.0	1754.0	–	
770361.0	71.8	14	2	1939.0	1617.0	–	
167570.0	54.9	14	1	1222.0	–	–	
361239.0	62.3	14	1	1354.0	–	–	
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)	
638087.0	85.5	11	3	1486.0	1330.0	1945.0	
862869.0	67.0	11	2	1002.0	1560.0	–	
165477.0	82.2	11	2	1392.0	1896.0	–	
387996.0	94.2	11	3	1986.0	1098.0	1528.0	
611907.0	81.7	11	2	1081.0	1795.0	–	
835029.0	69.2	11	2	1895.0	1042.0	–	
138006.0	81.8	11	2	1701.0	1544.0	–	
361067.0	73.7	11	2	1901.0	1413.0	–	
583974.0	93.2	11	3	1502.0	1015.0	1055.0	
805887.0	96.5	11	3	1362.0	1741.0	1718.0	
110717.0	58.2	11	1	1658.0	–	–	
334306.0	66.4	11	1	1337.0	–	–	
557324.0	76.1	11	2	1018.0	1201.0	–	

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

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5569	5687	5695	5700	5277
5	5663	5509	5345	5702	5603
10	5540	5574	5683	5308	5506
15	5456	5510	5350	5458	5497
20	5407	5387	5482	5484	5311
25	5682	5674	5586	5584	5722
30	5264	5445	5585	5548	5356
35	5592	5270	5723	5392	5261
40	5610	5266	5254	5319	5538
45	5615	5381	5666	5455	5298
50	5647	5560	5563	5691	5706
55	5368	5703	5526	5379	5348
60	5485	5686	5490	5352	5413
65	5499	5396	5599	5479	5468
70	5404	5710	5483	5696	5550
75	5306	5631	5494	5289	5531
80	5268	5401	5267	5654	5715
85	5632	5549	5709	5559	5388
90	5276	5640	5426	5450	5707
95	5422	5363	5395	5331	5634

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5349	5451	5631	5386	5497
5	5327	5434	5420	5293	5432
10	5471	5363	5724	5406	5527
15	5544	5352	5613	5298	5272
20	5505	5573	5328	5474	5457
25	5674	5402	5690	5618	5289
30	5250	5325	5700	5651	5256
35	5575	5638	5498	5403	5659
40	5441	5548	5493	5263	5561
45	5299	5621	5673	5456	5331
50	5625	5598	5470	5407	5276
55	5645	5421	5282	5455	5393
60	5568	5686	5271	5528	5698
65	5635	5502	5322	5622	5594
70	5571	5479	5602	5444	5582
75	5603	5364	5531	5558	5644
80	5275	5425	5449	5574	5646
85	5718	5371	5551	5291	5405
90	5399	5637	5593	5270	5385
95	5657	5481	5605	5401	5466

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5604	5312	5567	5547	5339
5	5369	5456	5495	5639	5402
10	5627	5290	5601	5548	5632
15	5479	5716	5343	5464	5513
20	5642	5269	5563	5430	5465
25	5483	5605	5319	5652	5331
30	5614	5359	5443	5474	5471
35	5298	5288	5434	5651	5317
40	5595	5524	5389	5258	5260
45	5490	5279	5704	5256	5390
50	5682	5650	5676	5687	5293
55	5351	5599	5611	5576	5426
60	5626	5558	5518	5572	5424
65	5584	5538	5532	5514	5397
70	5265	5702	5555	5420	5322
75	5551	5410	5512	5335	5531
80	5589	5428	5294	5549	5657
85	5466	5419	5720	5653	5564
90	5643	5530	5494	5674	5536
95	5515	5503	5283	5569	5413
Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5384	5551	5503	5708	5559
5	5411	5381	5570	5619	5371
10	5711	5416	5331	5321	5569
15	5623	5606	5344	5388	5656
20	5424	5333	5307	5555	5403
25	5353	5432	5520	5686	5470
30	5600	5316	5658	5626	5669
35	5437	5379	5705	5329	5706
40	5434	5607	5327	5498	5354
45	5419	5259	5312	5314	5443
50	5608	5461	5351	5252	5301
55	5494	5673	5652	5553	5326
60	5395	5397	5723	5458	5350
65	5495	5420	5722	5533	5477
70	5364	5309	5675	5337	5451
75	5404	5396	5281	5423	5271
80	5493	5587	5389	5575	5425
85	5586	5549	5499	5674	5290
90	5254	5564	5412	5506	5691
95	5591	5262	5672	5611	5519

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5639	5315	5439	5394	5401
5	5453	5403	5645	5307	5675
10	5642	5680	5372	5516	5590
15	5711	5636	5350	5433	5373
20	5432	5402	5723	5644	5376
25	5619	5284	5536	5624	5720
30	5512	5489	5273	5398	5400
35	5576	5470	5598	5579	5717
40	5312	5265	5641	5351	5251
45	5714	5395	5275	5496	5495
50	5337	5527	5303	5487	5317
55	5617	5268	5507	5689	5271
60	5413	5500	5279	5321	5463
65	5448	5482	5513	5574	5478
70	5409	5437	5708	5253	5715
75	5392	5391	5599	5474	5364
80	5568	5345	5260	5422	5306
85	5452	5341	5313	5375	5252
90	5250	5577	5488	5419	5277
95	5672	5615	5330	5646	5483
Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5322	5554	5375	5555	5621
5	5592	5328	5720	5373	5407
10	5573	5469	5413	5614	5611
15	5324	5288	5453	5381	5565
20	5440	5568	5664	5636	5349
25	5507	5642	5253	5279	5378
30	5705	5613	5552	5687	5715
35	5561	5394	5257	5631	5587
40	5395	5678	5406	5348	5655
45	5597	5478	5333	5549	5285
50	5688	5703	5354	5576	5615
55	5464	5456	5461	5706	5411
60	5717	5441	5578	5445	5586
65	5622	5409	5271	5431	5471
70	5281	5520	5577	5674	5264
75	5511	5267	5455	5519	5512
80	5509	5323	5419	5501	5355
85	5280	5470	5692	5679	5350
90	5308	5584	5283	5535	5724
95	5347	5701	5564	5294	5598

Type 6 Radar Waveform_6						
Frequency List (MHz)	0	1	2	3	4	
0	5577	5318	5311	5716	5463	
5	5634	5350	5320	5536	5614	
10	5407	5355	5454	5334	5632	
15	5412	5415	5556	5426	5282	
20	5351	5259	5702	5250	5322	
25	5395	5560	5370	5357	5313	
30	5596	5364	5662	5256	5326	
35	5507	5652	5665	5410	5545	
40	5523	5478	5616	5646	5345	
45	5487	5561	5391	5602	5647	
50	5564	5404	5405	5438	5408	
55	5644	5421	5705	5688	5570	
60	5268	5390	5418	5472	5380	
65	5488	5266	5462	5650	5506	
70	5336	5329	5633	5708	5534	
75	5436	5296	5525	5605	5673	
80	5386	5416	5696	5597	5255	
85	5598	5274	5289	5569	5261	
90	5281	5548	5667	5480	5352	
95	5625	5384	5319	5590	5635	
Type 6 Radar Waveform_7						
Frequency List (MHz)	0	1	2	3	4	
0	5357	5557	5722	5402	5683	
5	5676	5275	5395	5699	5443	
10	5338	5619	5592	5529	5653	
15	5403	5542	5659	5471	5474	
20	5359	5328	5643	5717	5295	
25	5661	5412	5573	5558	5347	
30	5260	5253	5478	5705	5421	
35	5268	5461	5660	5556	5362	
40	5561	5554	5411	5342	5416	
45	5644	5352	5655	5437	5343	
50	5580	5456	5279	5639	5255	
55	5272	5514	5524	5433	5335	
60	5250	5371	5301	5329	5448	
65	5633	5265	5344	5492	5436	
70	5678	5677	5654	5548	5635	
75	5386	5449	5316	5513	5258	
80	5536	5396	5379	5525	5684	
85	5326	5439	5392	5506	5696	
90	5370	5381	5336	5532	5565	
95	5459	5609	5550	5327	5404	

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5612	5321	5658	5466	5525
5	5718	5297	5470	5387	5650
10	5269	5408	5633	5724	5674
15	5491	5669	5287	5419	5666
20	5367	5494	5584	5331	5268
25	5549	5361	5301	5662	5381
30	5302	5617	5576	5686	5252
35	5560	5456	5354	5338	5676
40	5266	5492	5554	5436	5345
45	5537	5410	5708	5324	5694
50	5281	5507	5368	5462	5545
55	5701	5704	5721	5533	5256
60	5598	5377	5557	5672	5344
65	5496	5278	5463	5428	5543
70	5416	5478	5439	5502	5654
75	5551	5299	5495	5325	5270
80	5642	5429	5609	5313	5636
85	5378	5359	5474	5393	5260
90	5619	5524	5604	5398	5540
95	5578	5382	5391	5613	5341
Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5295	5560	5594	5627	5270
5	5382	5697	5545	5453	5578
10	5672	5674	5444	5695	5579
15	5699	5293	5464	5480	5278
20	5563	5622	5323	5716	5340
25	5688	5504	5291	5415	5344
30	5603	5533	5426	5404	5723
35	5602	5547	5625	5491	5384
40	5515	5349	5333	5319	5433
45	5652	5517	5335	5468	5664
50	5589	5570	5457	5558	5554
55	5285	5521	5258	5655	5419
60	5540	5385	5288	5322	5486
65	5595	5290	5702	5499	5490
70	5698	5346	5585	5561	5539
75	5351	5630	5510	5518	5645
80	5476	5577	5283	5423	5593
85	5310	5428	5636	5666	5358
90	5689	5392	5294	5477	5363
95	5512	5446	5597	5458	5320

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5550	5324	5530	5313	5490
5	5424	5719	5620	5616	5686
10	5509	5461	5715	5542	5716
15	5667	5351	5396	5672	5286
20	5254	5563	5412	5689	5703
25	5540	5610	5395	5449	5483
30	5492	5544	5653	5543	5266
35	5638	5421	5354	5432	5271
40	5559	5430	5581	5497	5418
45	5429	5717	5476	5446	5633
50	5609	5643	5583	5465	5349
55	5359	5475	5514	5453	5267
60	5318	5711	5520	5651	5535
65	5700	5590	5624	5657	5547
70	5675	5606	5469	5390	5539
75	5457	5257	5393	5679	5282
80	5260	5307	5623	5634	5382
85	5701	5265	5459	5410	5511
90	5720	5600	5529	5501	5356
95	5299	5346	5291	5515	5565
Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5330	5563	5466	5474	5332
5	5644	5695	5304	5418	5343
10	5347	5281	5262	5658	5478
15	5499	5554	5389	5294	5323
20	5504	5404	5662	5494	5489
25	5338	5596	5483	5525	5447
30	5284	5363	5405	5254	5314
35	5419	5309	5290	5612	5684
40	5324	5427	5413	5380	5501
45	5487	5295	5266	5700	5334
50	5660	5257	5312	5537	5653
55	5446	5643	5618	5687	5625
60	5344	5279	5721	5600	5532
65	5385	5351	5533	5642	5485
70	5428	5359	5562	5438	5509
75	5503	5460	5349	5420	5442
80	5476	5345	5666	5694	5316
85	5362	5624	5416	5448	5602
90	5546	5556	5656	5449	5610
95	5302	5482	5341	5337	5455

Type 6 Radar Waveform_12						
Frequency List (MHz)	0	1	2	3	4	
0	5585	5327	5402	5635	5552	
5	5508	5666	5295	5467	5625	
10	5274	5611	5322	5457	5283	
15	5271	5605	5602	5502	5581	
20	5680	5489	5542	5493	5382	
25	5341	5541	5700	5420	5567	
30	5367	5404	5499	5579	5561	
35	5544	5345	5572	5698	5604	
40	5695	5622	5424	5342	5360	
45	5584	5545	5348	5628	5576	
50	5510	5711	5346	5607	5256	
55	5250	5517	5514	5375	5320	
60	5297	5308	5254	5645	5549	
65	5267	5277	5608	5423	5519	
70	5276	5461	5290	5706	5682	
75	5419	5286	5516	5716	5513	
80	5483	5301	5442	5318	5405	
85	5670	5534	5270	5564	5560	
90	5314	5482	5387	5721	5660	
95	5646	5627	5309	5705	5477	
Type 6 Radar Waveform_13						
Frequency List (MHz)	0	1	2	3	4	
0	5365	5566	5338	5321	5394	
5	5647	5591	5370	5533	5454	
10	5680	5400	5363	5652	5304	
15	5359	5257	5705	5547	5298	
20	5688	5558	5483	5485	5608	
25	5270	5290	5269	5329	5706	
30	5256	5361	5714	5381	5586	
35	5347	5709	5443	5303	5560	
40	5707	5518	5271	5340	5667	
45	5506	5401	5418	5452	5686	
50	5287	5532	5430	5578	5438	
55	5471	5704	5669	5291	5426	
60	5473	5674	5386	5646	5498	
65	5449	5574	5411	5495	5602	
70	5648	5600	5437	5724	5675	
75	5327	5548	5538	5626	5497	
80	5677	5546	5676	5355	5345	
85	5368	5402	5699	5337	5380	
90	5479	5525	5516	5666	5630	
95	5517	5655	5507	5325	5251	

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5523	5330	5274	5482	5614
5	5689	5613	5445	5696	5661
10	5514	5664	5404	5372	5325
15	5447	5287	5711	5592	5490
20	5724	5424	5574	5581	5536
25	5617	5472	5433	5488	5273
30	5717	5318	5357	5505	5579
35	5250	5624	5652	5500	5623
40	5282	5386	5498	5515	5578
45	5320	5564	5454	5305	5328
50	5387	5338	5621	5253	5522
55	5626	5425	5322	5262	5458
60	5638	5619	5693	5394	5568
65	5485	5309	5439	5588	5449
70	5413	5683	5547	5691	5381
75	5315	5261	5278	5366	5609
80	5673	5550	5723	5428	5367
85	5275	5585	5644	5531	5453
90	5529	5694	5721	5423	5496
95	5283	5705	5323	5463	5467

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5303	5569	5685	5546	5456
5	5256	5538	5520	5384	5393
10	5445	5453	5542	5470	5346
15	5438	5414	5339	5637	5682
20	5607	5318	5365	5566	5554
25	5424	5469	5578	5537	5522
30	5315	5606	5275	5572	5657
35	5399	5389	5715	5545	5653
40	5693	5436	5615	5512	5507
45	5300	5455	5622	5410	5570
50	5582	5563	5710	5454	5369
55	5379	5708	5587	5328	5564
60	5525	5695	5635	5294	5396
65	5521	5616	5709	5492	5261
70	5574	5276	5298	5642	5516
75	5262	5362	5274	5534	5433
80	5670	5270	5723	5513	5391
85	5577	5704	5358	5301	5334
90	5487	5411	5476	5711	5321
95	5378	5386	5418	5675	5462

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5558	5333	5621	5707	5676
5	5298	5560	5595	5547	5600
10	5376	5339	5583	5665	5367
15	5526	5541	5442	5585	5399
20	5615	5484	5403	5655	5527
25	5690	5418	5306	5263	5556
30	5454	5495	5312	5431	5597
35	5528	5331	5341	5548	5532
40	5649	5374	5380	5509	5280
45	5538	5463	5457	5458	5264
50	5440	5324	5277	5313	5702
55	5504	5582	5716	5493	5606
60	5357	5521	5581	5592	5345
65	5460	5351	5673	5430	5657
70	5525	5365	5601	5485	5590
75	5405	5722	5384	5315	5667
80	5465	5626	5355	5451	5294
85	5675	5658	5596	5402	5640
90	5424	5293	5253	5356	5679
95	5316	5489	5723	5513	5412
Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5338	5669	5557	5393	5518
5	5437	5485	5670	5613	5429
10	5685	5603	5624	5385	5388
15	5614	5668	5545	5630	5688
20	5623	5650	5344	5647	5500
25	5578	5270	5509	5367	5590
30	5496	5481	5664	5527	5583
35	5417	5570	5422	5612	5581
40	5462	5371	5257	5690	5620
45	5506	5268	5260	5621	5641
50	5516	5722	5334	5343	5491
55	5510	5575	5635	5618	5287
60	5323	5553	5370	5658	5551
65	5444	5318	5294	5396	5476
70	5502	5643	5379	5374	5719
75	5560	5357	5710	5451	5421
80	5499	5397	5571	5286	5420
85	5282	5529	5672	5414	5486
90	5543	5709	5319	5567	5646
95	5458	5597	5411	5663	5689

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5496	5433	5493	5554	5263
5	5479	5507	5270	5301	5636
10	5616	5392	5665	5580	5409
15	5702	5320	5648	5675	5405
20	5534	5719	5285	5261	5473
25	5369	5694	5712	5471	5624
30	5538	5370	5621	5645	5357
35	5709	5513	5505	5259	5376
40	5685	5437	5628	5385	5600
45	5672	5618	5704	5699	5569
50	5609	5588	5519	5542	5599
55	5398	5579	5331	5619	5607
60	5617	5524	5499	5348	5593
65	5570	5718	5532	5490	5666
70	5279	5671	5629	5698	5695
75	5326	5355	5594	5402	5276
80	5352	5450	5564	5477	5529
85	5611	5474	5581	5508	5663
90	5530	5614	5257	5652	5395
95	5435	5706	5384	5466	5269
Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5276	5672	5429	5715	5580
5	5521	5432	5723	5464	5368
10	5450	5656	5706	5300	5430
15	5315	5350	5654	5720	5597
20	5542	5410	5323	5253	5446
25	5257	5546	5440	5575	5658
30	5259	5578	5385	5509	5435
35	5373	5701	5301	5412	5387
40	5524	5520	5566	5528	5504
45	5598	5312	5660	5622	5399
50	5695	5593	5688	5599	5426
55	5519	5573	5322	5339	5495
60	5531	5513	5538	5425	5668
65	5516	5342	5667	5471	5700
70	5558	5557	5268	5615	5482
75	5547	5671	5478	5673	5475
80	5262	5383	5617	5608	5517
85	5643	5561	5453	5437	5298
90	5376	5714	5303	5337	5422
95	5340	5401	5485	5670	5442

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5531	5436	5365	5401	5325
5	5563	5454	5323	5627	5672
10	5381	5445	5272	5398	5451
15	5306	5477	5282	5668	5314
20	5550	5479	5264	5342	5419
25	5620	5643	5301	5692	5719
30	5720	5535	5600	5283	5255
35	5415	5317	5572	5662	5460
40	5603	5504	5293	5594	5433
45	5578	5395	5718	5675	5286
50	5340	5396	5644	5302	5422
55	5370	5707	5527	5512	5633
60	5369	5660	5678	5483	5257
65	5494	5462	5543	5616	5507
70	5532	5353	5360	5437	5698
75	5485	5299	5647	5642	5498
80	5308	5364	5305	5630	5389
85	5681	5706	5558	5392	5335
90	5295	5497	5393	5341	5551
95	5632	5587	5664	5366	5577

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5311	5675	5301	5562	5642
5	5702	5379	5398	5315	5404
10	5312	5331	5313	5593	5472
15	5394	5604	5385	5713	5506
20	5461	5645	5680	5431	5392
25	5411	5347	5274	5405	5251
30	5286	5609	5492	5340	5435
35	5453	5554	5408	5465	5690
40	5299	5686	5442	5533	5591
45	5265	5558	5478	5631	5551
50	5691	5572	5695	5391	5720
55	5692	5420	5481	5605	5452
60	5314	5368	5428	5564	5320
65	5366	5565	5446	5267	5623
70	5541	5509	5684	5585	5396
75	5514	5618	5451	5345	5460
80	5370	5294	5555	5335	5709
85	5719	5324	5355	5277	5292
90	5400	5362	5532	5318	5281
95	5529	5482	5319	5619	5432

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5469	5439	5712	5723	5387
5	5269	5401	5473	5381	5611
10	5621	5595	5354	5313	5493
15	5482	5256	5488	5283	5698
20	5714	5718	5423	5365	5299
25	5674	5477	5509	5285	5328
30	5449	5458	5684	5273	5693
35	5499	5261	5701	5613	5391
40	5380	5298	5588	5669	5538
45	5561	5262	5438	5470	5271
50	5577	5543	5636	5608	5435
55	5320	5649	5311	5443	5533
60	5373	5396	5451	5567	5514
65	5574	5515	5344	5678	5670
70	5472	5599	5355	5483	5263
75	5497	5326	5375	5426	5534
80	5454	5552	5404	5713	5551
85	5520	5302	5673	5572	5650
90	5442	5434	5719	5549	5686
95	5276	5415	5632	5680	5414

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5724	5678	5648	5312	5704
5	5311	5423	5548	5544	5440
10	5552	5384	5492	5508	5514
15	5570	5286	5591	5706	5415
20	5477	5405	5659	5512	5338
25	5565	5623	5680	5613	5319
30	5467	5484	5406	5673	5361
35	5471	5357	5590	5532	5268
40	5615	5452	5474	5318	5441
45	5585	5598	5518	5644	5320
50	5262	5703	5346	5449	5322
55	5666	5269	5483	5699	5389
60	5510	5468	5282	5572	5698
65	5325	5397	5390	5463	5309
70	5310	5622	5275	5656	5688
75	5321	5478	5314	5355	5383
80	5640	5307	5489	5388	5682
85	5601	5517	5599	5616	5490
90	5345	5373	5607	5304	5371
95	5582	5566	5266	5649	5394

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5504	5442	5584	5473	5449
5	5450	5348	5623	5707	5647
10	5483	5648	5533	5703	5535
15	5561	5413	5597	5276	5607
20	5388	5474	5600	5311	5453
25	5475	5408	5339	5353	5509
30	5373	5363	5610	5291	5399
35	5303	5328	5421	5529	5557
40	5256	5681	5679	5430	5401
45	5252	5378	5315	5590	5697
50	5625	5280	5567	5427	5412
55	5343	5700	5287	5631	5604
60	5360	5632	5370	5591	5457
65	5616	5677	5425	5347	5264
70	5691	5645	5454	5273	5324
75	5406	5686	5288	5266	5498
80	5463	5290	5580	5319	5332
85	5446	5589	5482	5678	5593
90	5668	5297	5310	5405	5386
95	5583	5321	5367	5547	5601

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5284	5681	5520	5634	5291
5	5492	5370	5698	5395	5379
10	5317	5437	5574	5326	5556
15	5649	5540	5700	5321	5421
20	5396	5640	5638	5593	5719
25	5327	5611	5443	5387	5551
30	5359	5320	5628	5287	5586
35	5538	5394	5696	5702	5572
40	5446	5676	5381	5335	5339
45	5368	5380	5573	5424	5369
50	5390	5274	5600	5297	5415
55	5581	5602	5258	5553	5305
60	5464	5293	5386	5458	5493
65	5351	5472	5703	5516	5250
70	5316	5397	5430	5707	5526
75	5354	5269	5518	5608	5454
80	5643	5514	5519	5506	5684
85	5350	5254	5391	5462	5413
90	5342	5268	5376	5445	5255
95	5466	5517	5315	5469	5595

Type 6 Radar Waveform_26						
Frequency List (MHz)	0	1	2	3	4	
0	5539	5445	5456	5320	5511	
5	5534	5295	5298	5461	5683	
10	5723	5323	5615	5521	5577	
15	5262	5667	5328	5366	5613	
20	5404	5709	5579	5585	5257	
25	5607	5276	5717	5547	5421	
30	5690	5277	5271	5536	5309	
35	5677	5485	5492	5349	5454	
40	5541	5345	5510	5589	5673	
45	5666	5361	5418	5397	5267	
50	5352	5502	5475	5555	5688	
55	5693	5313	5251	5605	5303	
60	5573	5387	5718	5250	5296	
65	5594	5332	5407	5432	5658	
70	5409	5588	5711	5319	5721	
75	5406	5640	5646	5497	5347	
80	5621	5500	5618	5443	5331	
85	5422	5469	5401	5315	5517	
90	5686	5627	5419	5376	5528	
95	5337	5714	5431	5335	5343	
Type 6 Radar Waveform_27						
Frequency List (MHz)	0	1	2	3	4	
0	5697	5684	5392	5481	5353	
5	5576	5317	5373	5624	5415	
10	5654	5587	5656	5716	5598	
15	5350	5319	5431	5314	5330	
20	5315	5400	5520	5674	5705	
25	5495	5603	5445	5651	5455	
30	5257	5612	5709	5486	5688	
35	5604	5719	5288	5502	5368	
40	5380	5428	5448	5354	5670	
45	5595	5341	5501	5377	5532	
50	5703	5678	5526	5644	5511	
55	5540	5680	5320	5597	5544	
60	5516	5408	5292	5700	5517	
65	5278	5356	5468	5393	5634	
70	5687	5282	5419	5570	5382	
75	5625	5609	5291	5543	5328	
80	5450	5256	5281	5685	5391	
85	5440	5422	5430	5529	5593	
90	5658	5259	5290	5409	5425	
95	5313	5410	5446	5416	5591	

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5477	5448	5328	5642	5573
5	5715	5717	5312	5622	5488
10	5376	5697	5436	5619	5341
15	5349	5534	5359	5522	5323
20	5566	5461	5666	5678	5286
25	5552	5648	5377	5489	5299
30	5598	5701	5462	5327	5383
35	5667	5656	5655	5282	5694
40	5511	5386	5594	5524	5321
45	5584	5416	5430	5419	5579
50	5379	5577	5258	5712	5484
55	5689	5634	5510	5418	5645
60	5532	5343	5699	5639	5305
65	5504	5700	5429	5490	5354
70	5422	5358	5481	5411	5686
75	5309	5702	5269	5537	5374
80	5454	5340	5721	5325	5272
85	5492	5688	5623	5538	5607
90	5482	5431	5347	5292	5458
95	5273	5541	5400	5711	5473

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5257	5687	5264	5328	5415
5	5282	5523	5475	5451	5419
10	5640	5263	5631	5429	5476
15	5540	5404	5714	5331	5635
20	5499	5280	5273	5649	5376
25	5481	5438	5487	5623	5441
30	5614	5622	5522	5380	5452
35	5430	5293	5630	5691	5324
40	5359	5286	5356	5301	5667
45	5474	5483	5684	5455	5555
50	5628	5347	5535	5402	5588
55	5603	5613	5389	5299	5657
60	5364	5644	5267	5365	5254
65	5443	5435	5321	5291	5425
70	5646	5712	5543	5450	5434
75	5290	5479	5379	5318	5538
80	5337	5703	5686	5552	5405
85	5491	5311	5427	5647	5437
90	5284	5567	5596	5384	5609
95	5403	5360	5410	5295	5500

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
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	5504	1	5503	1	5525	1	5528	0
1	5515	1	5528	1	5523	1	5527	1
2	5490	1	5510	1	5495	1	5501	1
3	5507	1	5514	0	5511	1	5520	0
4	5513	1	5522	1	5525	1	5501	1
5	5500	1	5493	1	5526	1	5519	1
6	5504	1	5490	1	5504	1	5502	1
7	5491	1	5498	1	5524	1	5504	1
8	5504	1	5506	0	5499	1	5499	1
9	5530	1	5530	1	5490	0	5502	1
10	5526	1	5518	1	5509	1	5497	1
11	5523	1	5491	0	5528	1	5492	0
12	5497	1	5511	1	5492	1	5490	0
13	5528	1	5529	0	5505	1	5508	0
14	5521	1	5509	1	5494	0	5511	1
15	5500	1	5527	1	5501	1	5514	0
16	5518	1	5495	1	5517	1	5510	1
17	5528	1	5521	0	5498	1	5505	1
18	5520	1	5513	1	5512	1	5495	1
19	5515	1	5521	1	5497	1	5491	1
20	5496	1	5528	1	5510	1	5495	1
21	5503	1	5517	0	5503	1	5520	1
22	5518	1	5494	1	5530	0	5526	1
23	5525	1	5509	1	5496	1	5493	1
24	5505	0	5496	1	5491	1	5500	1
25	5524	1	5504	0	5495	1	5505	1
26	5506	1	5519	1	5521	1	5529	1
27	5510	1	5506	1	5507	1	5530	0

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect
	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect
28	5512	1	5495	1	5508	1	5507	1
29	5511	1	5494	1	5511	1	5523	1
Probability:	96.7%		76.7%		90.0%		76.7%	
Aggregate:	85.0% (>80%)							

Radar Type 1 - Radar Waveform							Radar Type 2 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		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	0	Type 2	2.7	177.0	26	4602.0
Download	1	Type 1	1.0	3066.0	18	55188.0	Download	1	Type 2	3.3	162.0	27	4374.0
Download	2	Type 1	1.0	858.0	62	53196.0	Download	2	Type 2	3.5	156.0	27	4212.0
Download	3	Type 1	1.0	638.0	83	52954.0	Download	3	Type 2	3.2	171.0	26	4446.0
Download	4	Type 1	1.0	678.0	78	52884.0	Download	4	Type 2	3.3	165.0	26	4290.0
Download	5	Type 1	1.0	938.0	57	53466.0	Download	5	Type 2	1.7	174.0	24	4176.0
Download	6	Type 1	1.0	818.0	65	53170.0	Download	6	Type 2	1.6	192.0	24	4608.0
Download	7	Type 1	1.0	798.0	67	53466.0	Download	7	Type 2	3.7	216.0	27	5832.0
Download	8	Type 1	1.0	718.0	74	53132.0	Download	8	Type 2	4.4	183.0	28	5124.0
Download	9	Type 1	1.0	758.0	70	53060.0	Download	9	Type 2	1.8	230.0	24	5520.0
Download	10	Type 1	1.0	738.0	72	53136.0	Download	10	Type 2	3.3	208.0	27	5616.0
Download	11	Type 1	1.0	698.0	76	53048.0	Download	11	Type 2	3.2	190.0	26	4940.0
Download	12	Type 1	1.0	838.0	63	52794.0	Download	12	Type 2	2.1	223.0	24	5362.0
Download	13	Type 1	1.0	518.0	102	52836.0	Download	13	Type 2	1.2	153.0	23	3519.0
Download	14	Type 1	1.0	918.0	58	53244.0	Download	14	Type 2	4.1	225.0	28	6300.0
Download	15	Type 1	1.0	2475.0	22	54450.0	Download	15	Type 2	2.3	218.0	25	5450.0
Download	16	Type 1	1.0	3033.0	18	54594.0	Download	16	Type 2	2.2	161.0	25	4025.0
Download	17	Type 1	1.0	704.0	75	52800.0	Download	17	Type 2	1.1	213.0	23	4899.0
Download	18	Type 1	1.0	1743.0	31	54033.0	Download	18	Type 2	3.0	170.0	26	4420.0
Download	19	Type 1	1.0	1184.0	45	53280.0	Download	19	Type 2	2.3	228.0	25	5700.0
Download	20	Type 1	1.0	1506.0	36	54216.0	Download	20	Type 2	2.6	201.0	25	5025.0
Download	21	Type 1	1.0	2142.0	25	53550.0	Download	21	Type 2	2.1	203.0	24	4872.0
Download	22	Type 1	1.0	2564.0	21	53844.0	Download	22	Type 2	1.5	163.0	24	3912.0
Download	23	Type 1	1.0	2700.0	20	54000.0	Download	23	Type 2	2.2	180.0	25	4500.0
Download	24	Type 1	1.0	2420.0	22	53240.0	Download	24	Type 2	4.4	222.0	28	6216.0
Download	25	Type 1	1.0	2614.0	21	54894.0	Download	25	Type 2	1.8	182.0	24	4368.0
Download	26	Type 1	1.0	1349.0	40	53960.0	Download	26	Type 2	3.0	187.0	26	4862.0
Download	27	Type 1	1.0	2096.0	26	54496.0	Download	27	Type 2	2.6	229.0	25	5725.0
Download	28	Type 1	1.0	2599.0	21	54579.0	Download	28	Type 2	1.4	164.0	23	3772.0
Download	29	Type 1	1.0	2744.0	20	54880.0	Download	29	Type 2	1.1	214.0	23	4922.0

Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	7.7	381.0	17	6477.0	Download	0	Type 4	14.9	381.0	14	5334.0
Download	1	Type 3	8.3	478.0	17	8126.0	Download	1	Type 4	16.2	478.0	14	6892.0
Download	2	Type 3	8.5	317.0	17	5389.0	Download	2	Type 4	16.6	317.0	15	4755.0
Download	3	Type 3	8.2	366.0	17	6222.0	Download	3	Type 4	15.9	366.0	14	5124.0
Download	4	Type 3	8.3	419.0	17	7123.0	Download	4	Type 4	16.1	419.0	14	5866.0
Download	5	Type 3	6.7	214.0	16	3424.0	Download	5	Type 4	12.6	214.0	12	2568.0
Download	6	Type 3	6.6	245.0	16	3920.0	Download	6	Type 4	12.4	245.0	12	2940.0
Download	7	Type 3	8.7	380.0	17	6460.0	Download	7	Type 4	17.0	380.0	15	5700.0
Download	8	Type 3	9.4	301.0	18	5418.0	Download	8	Type 4	18.6	301.0	16	4816.0
Download	9	Type 3	6.8	465.0	16	7440.0	Download	9	Type 4	12.8	465.0	13	6045.0
Download	10	Type 3	8.3	259.0	17	4403.0	Download	10	Type 4	16.2	259.0	14	3626.0
Download	11	Type 3	8.2	296.0	17	5032.0	Download	11	Type 4	15.9	296.0	14	4144.0
Download	12	Type 3	7.1	232.0	16	3712.0	Download	12	Type 4	13.5	232.0	13	3016.0
Download	13	Type 3	6.2	335.0	16	5360.0	Download	13	Type 4	11.6	335.0	12	4020.0
Download	14	Type 3	9.1	250.0	18	4500.0	Download	14	Type 4	18.0	250.0	15	3750.0
Download	15	Type 3	7.3	320.0	16	5120.0	Download	15	Type 4	14.0	320.0	13	4160.0
Download	16	Type 3	7.2	437.0	16	6992.0	Download	16	Type 4	13.8	437.0	13	5681.0
Download	17	Type 3	6.1	293.0	16	4688.0	Download	17	Type 4	11.4	293.0	12	3516.0
Download	18	Type 3	8.0	379.0	17	6443.0	Download	18	Type 4	15.6	379.0	14	5306.0
Download	19	Type 3	7.3	378.0	16	6048.0	Download	19	Type 4	13.9	378.0	13	4914.0
Download	20	Type 3	7.6	333.0	17	5661.0	Download	20	Type 4	14.7	333.0	14	4662.0
Download	21	Type 3	7.1	224.0	16	3584.0	Download	21	Type 4	13.5	224.0	13	2912.0
Download	22	Type 3	6.5	405.0	16	6480.0	Download	22	Type 4	12.3	405.0	12	4860.0
Download	23	Type 3	7.2	454.0	16	7264.0	Download	23	Type 4	13.8	454.0	13	5902.0
Download	24	Type 3	9.4	203.0	18	3654.0	Download	24	Type 4	18.6	203.0	16	3248.0
Download	25	Type 3	6.8	425.0	16	6800.0	Download	25	Type 4	12.9	425.0	13	5525.0
Download	26	Type 3	8.0	319.0	17	5423.0	Download	26	Type 4	15.5	319.0	14	4466.0
Download	27	Type 3	7.6	267.0	17	4539.0	Download	27	Type 4	14.5	267.0	13	3471.0
Download	28	Type 3	6.4	458.0	16	7328.0	Download	28	Type 4	11.9	458.0	12	5496.0
Download	29	Type 3	6.1	284.0	16	4544.0	Download	29	Type 4	11.3	284.0	12	3408.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5510	1	15	5494	1
1	5510	1	16	5494	1
2	5510	1	17	5492	1
3	5510	1	18	5495.2	1
4	5510	1	19	5494	1
5	5510	1	20	5525.6	0
6	5510	1	21	5526.4	0
7	5510	1	22	5527.2	1
8	5510	1	23	5526	1
9	5510	1	24	5522.8	1
10	5495.6	1	25	5526.8	0
11	5495.2	1	26	5524.8	1
12	5493.6	1	27	5525.6	1
13	5492.4	1	28	5527.6	1
14	5496.8	1	29	5528	1
Detection Percentage (%)			90.0%		

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)	
626347.0	71.9	12	2	1915.0	1810.0	–	
850289.0	78.9	12	2	1543.0	1132.0	–	
153026.0	81.1	12	2	1651.0	1546.0	–	
376173.0	77.5	12	2	1669.0	1414.0	–	
599242.0	78.4	12	2	1375.0	1797.0	–	
824010.0	59.2	12	1	1313.0	–	–	
125731.0	58.0	12	1	1841.0	–	–	
349011.0	83.1	12	2	1196.0	1036.0	–	
570667.0	92.1	12	3	1639.0	1822.0	1470.0	
795941.0	60.2	12	1	1929.0	–	–	
98003.0	78.9	12	2	1945.0	1833.0	–	
321222.0	77.4	12	2	1144.0	1887.0	–	
545387.0	63.8	12	1	1300.0	–	–	
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)	
665887.0	53.3	14	1	1767.0	–	–	
61087.0	88.5	14	3	1172.0	1435.0	1279.0	
255023.0	66.5	14	1	1213.0	–	–	
448771.0	65.6	14	1	1183.0	–	–	
641979.0	52.3	14	1	1842.0	–	–	
37342.0	75.5	14	2	1802.0	1273.0	–	
231016.0	66.1	14	1	1711.0	–	–	
424165.0	70.4	14	2	1385.0	1192.0	–	
618541.0	63.7	14	1	1317.0	–	–	
13555.0	57.2	14	1	1845.0	–	–	
207211.0	65.7	14	1	1542.0	–	–	
399370.0	91.9	14	3	1857.0	1066.0	1592.0	
594413.0	60.9	14	1	1677.0	–	–	
786294.0	75.1	14	2	1649.0	1788.0	–	
182999.0	69.5	14	2	1625.0	1482.0	–	

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)
353639.0	55.1	14	1	1038.0	—	—
534607.0	52.1	14	1	1987.0	—	—
714307.0	93.0	14	3	1224.0	1201.0	1356.0
148980.0	84.7	14	3	1365.0	1327.0	1536.0
331268.0	55.0	14	1	1028.0	—	—
511370.0	79.9	14	2	1510.0	1778.0	—
694392.0	53.2	14	1	1216.0	—	—
126870.0	68.9	14	2	1520.0	1709.0	—
308177.0	73.8	14	2	1231.0	1535.0	—
488811.0	93.9	14	3	1248.0	1293.0	1130.0
670503.0	73.3	14	2	1064.0	1846.0	—
104490.0	97.7	14	3	1322.0	1230.0	1181.0
285423.0	95.5	14	3	1531.0	1341.0	1018.0
467839.0	58.6	14	1	1554.0	—	—
647786.0	69.2	14	2	1463.0	1906.0	—
82003.0	93.3	14	3	1981.0	1549.0	1955.0

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)
281613.0	54.0	13	1	1494.0	—	—
474116.0	67.3	13	2	1481.0	1961.0	—
668604.0	60.8	13	1	1894.0	—	—
63945.0	77.6	13	2	1446.0	1910.0	—
256657.0	90.9	13	3	1637.0	1851.0	1417.0
451666.0	50.9	13	1	1060.0	—	—
644355.0	75.6	13	2	1067.0	1329.0	—
40180.0	67.6	13	2	1337.0	1359.0	—
233868.0	53.8	13	1	1614.0	—	—
426869.0	75.3	13	2	1395.0	1401.0	—
619732.0	67.3	13	2	1748.0	1671.0	—
16391.0	58.2	13	1	1194.0	—	—
209675.0	71.7	13	2	1665.0	1247.0	—
403951.0	65.4	13	1	1020.0	—	—
595750.0	85.6	13	3	1078.0	1277.0	1309.0

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)
788748.0	67.4	14	2	1984.0	1820.0	–
185359.0	84.2	14	3	1606.0	1799.0	1666.0
378777.0	88.5	14	3	1263.0	1228.0	1272.0
572655.0	78.0	14	2	1643.0	1055.0	–
764379.0	90.0	14	3	1215.0	1682.0	1515.0
162029.0	67.2	14	2	1163.0	1854.0	–
354991.0	94.3	14	3	1096.0	1004.0	1661.0
549137.0	72.3	14	2	1193.0	1068.0	–
740953.0	83.9	14	3	1758.0	1233.0	1054.0
138476.0	50.0	14	1	1537.0	–	–
331193.0	69.5	14	2	1818.0	1967.0	–
523416.0	92.8	14	3	1874.0	1621.0	1633.0
717938.0	71.8	14	2	1328.0	1869.0	–
114405.0	79.1	14	2	1599.0	1456.0	–
307638.0	77.9	14	2	1270.0	1918.0	–

Type 5 Radar Waveform_5

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
752620.0	70.6	7	2	1425.0	1311.0	–
1044172.0	61.7	7	1	1384.0	–	–
135880.0	94.5	7	3	1342.0	1754.0	1616.0
427097.0	64.0	7	1	1000.0	–	–
717584.0	61.6	7	1	1514.0	–	–
1007154.0	74.6	7	2	1403.0	1421.0	–
100407.0	50.1	7	1	1903.0	–	–
390577.0	97.5	7	3	1042.0	1003.0	1101.0
680690.0	78.7	7	2	1566.0	1865.0	–
972534.0	54.1	7	1	1412.0	–	–

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)
64578.0	76.5	7	2	1560.0	1022.0	–
354908.0	75.3	7	2	1436.0	1420.0	–
645346.0	80.9	7	2	1348.0	1336.0	–
935325.0	79.8	7	2	1312.0	1895.0	–
28839.0	62.5	7	1	1189.0	–	–
318465.0	95.1	7	3	1926.0	1948.0	1530.0
608612.0	97.3	7	3	1853.0	1569.0	1159.0
900574.0	58.4	7	1	1872.0	–	–
1191944.0	58.2	7	1	1081.0	–	–
283810.0	55.8	7	1	1039.0	–	–

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)
358635.0	63.5	15	1	1668.0	–	–
540156.0	57.0	15	1	1630.0	–	–
720031.0	80.7	15	2	1706.0	1613.0	–
154400.0	79.3	15	2	1680.0	1849.0	–
335946.0	76.0	15	2	1355.0	1053.0	–
517751.0	59.7	15	1	1699.0	–	–
696769.0	95.1	15	3	1332.0	1974.0	1035.0
132043.0	77.0	15	2	1985.0	1864.0	–
313282.0	77.5	15	2	1835.0	1361.0	–
494851.0	71.3	15	2	1431.0	1091.0	–
676885.0	58.2	15	1	1697.0	–	–
110137.0	53.8	15	1	1232.0	–	–
290602.0	88.6	15	3	1580.0	1373.0	1191.0
471819.0	75.9	15	2	1689.0	1944.0	–
654309.0	54.6	15	1	1949.0	–	–
87700.0	55.6	15	1	1811.0	–	–
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)
239149.0	63.7	18	1	1900.0	–	–
400316.0	57.7	18	1	1999.0	–	–
561575.0	53.7	18	1	1932.0	–	–
58113.0	61.0	18	1	1318.0	–	–
219110.0	67.3	18	2	1050.0	1394.0	–
378593.0	86.7	18	3	1995.0	1523.0	1742.0
541695.0	59.7	18	1	1959.0	–	–
38162.0	73.8	18	2	1136.0	1480.0	–
199679.0	63.4	18	1	1069.0	–	–
359465.0	92.0	18	3	1586.0	1249.0	1261.0
522218.0	63.4	18	1	1474.0	–	–
18239.0	92.6	18	3	1975.0	1863.0	1830.0
179336.0	71.3	18	2	1186.0	1581.0	–
341242.0	55.0	18	1	1033.0	–	–
501045.0	72.3	18	2	1307.0	1889.0	–
661488.0	84.4	18	3	1413.0	1010.0	1244.0
159735.0	63.5	18	1	1801.0	–	–
320228.0	73.2	18	2	1392.0	1977.0	–

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)	
869575.0	64.3	8	1	1105.0	—	—	
1159800.0	63.5	8	1	1667.0	—	—	
251777.0	81.1	8	2	1366.0	1840.0	—	
542723.0	65.1	8	1	1691.0	—	—	
831936.0	88.0	8	3	1134.0	1508.0	1084.0	
1124423.0	51.8	8	1	1217.0	—	—	
216121.0	79.5	8	2	1564.0	1103.0	—	
506254.0	73.2	8	2	1688.0	1590.0	—	
796341.0	69.9	8	2	1927.0	1585.0	—	
1088655.0	57.4	8	1	1169.0	—	—	
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)	
119900.0	95.9	14	3	1097.0	1724.0	1179.0	
313416.0	72.7	14	2	1145.0	1681.0	—	
505197.0	86.8	14	3	1477.0	1836.0	1966.0	
700891.0	54.9	14	1	1921.0	—	—	
96279.0	75.1	14	2	1044.0	1634.0	—	
290216.0	56.9	14	1	1135.0	—	—	
482638.0	81.3	14	2	1696.0	1631.0	—	
674816.0	89.5	14	3	1497.0	1745.0	1310.0	
72547.0	54.6	14	1	1720.0	—	—	
264941.0	97.3	14	3	1577.0	1909.0	1876.0	
458052.0	88.6	14	3	1809.0	1059.0	1823.0	
652525.0	76.8	14	2	1644.0	1109.0	—	
48561.0	97.3	14	3	1407.0	1204.0	1362.0	
242270.0	56.8	14	1	1843.0	—	—	
435991.0	65.9	14	1	1582.0	—	—	

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)
626896.0	84.1	13	3	1405.0	1983.0	1664.0
24752.0	96.4	13	3	1184.0	1812.0	1897.0
218599.0	52.4	13	1	1209.0	—	—
412416.0	55.6	13	1	1043.0	—	—
604668.0	72.5	13	2	1728.0	1319.0	—
1000.0	99.0	13	3	1468.0	1227.0	1545.0
194404.0	73.9	13	2	1079.0	1491.0	—
386461.0	90.3	13	3	1807.0	1670.0	1858.0
582096.0	65.3	13	1	1351.0	—	—
775225.0	61.5	13	1	1937.0	—	—
170175.0	91.1	13	3	1933.0	1106.0	1427.0
364078.0	74.5	13	2	1345.0	1015.0	—
555677.0	98.6	13	3	1379.0	1935.0	1700.0
750638.0	69.7	13	2	1396.0	1333.0	—
146962.0	51.9	13	1	1464.0	—	—
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)
464315.0	81.5	9	2	1082.0	1343.0	—
726387.0	94.2	9	3	1727.0	1968.0	1600.0
991653.0	66.7	9	2	1325.0	1808.0	—
168012.0	52.3	9	1	1086.0	—	—
431358.0	78.0	9	2	1571.0	1962.0	—
694722.0	90.7	9	3	1112.0	1107.0	1875.0
960182.0	55.1	9	1	1970.0	—	—
135460.0	58.4	9	1	1041.0	—	—
398919.0	67.4	9	2	1884.0	1525.0	—
664036.0	64.4	9	1	1171.0	—	—
926801.0	73.7	9	2	1175.0	1793.0	—
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)
141293.0	82.8	6	2	1976.0	1527.0	—
504152.0	79.7	6	2	1950.0	1816.0	—
868060.0	66.3	6	1	1998.0	—	—
1228937.0	84.7	6	3	1826.0	1371.0	1765.0
96559.0	87.6	6	3	1102.0	1469.0	1344.0
460110.0	66.3	6	1	1626.0	—	—
822505.0	74.3	6	2	1714.0	1747.0	—
1185339.0	99.3	6	3	1257.0	1062.0	1297.0

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)
23052.0	53.9	17	1	1718.0	–	–
184442.0	55.4	17	1	1289.0	–	–
345170.0	77.1	17	2	1460.0	1074.0	–
505758.0	67.5	17	2	1567.0	1603.0	–
3171.0	97.5	17	3	1559.0	1703.0	1805.0
164418.0	58.4	17	1	1879.0	–	–
325073.0	72.0	17	2	1800.0	1258.0	–
485633.0	82.5	17	2	1994.0	1591.0	–
646912.0	71.5	17	2	1219.0	1893.0	–
143929.0	93.4	17	3	1784.0	1597.0	1390.0
304729.0	84.1	17	3	1212.0	1119.0	1855.0
466794.0	82.4	17	2	1202.0	1002.0	–
627452.0	82.8	17	2	1238.0	1490.0	–
124543.0	69.8	17	2	1684.0	1021.0	–
286300.0	52.7	17	1	1019.0	–	–
447417.0	65.7	17	1	1500.0	–	–
606113.0	94.5	17	3	1792.0	1121.0	1459.0
104968.0	60.1	17	1	1057.0	–	–
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)
398490.0	94.9	10	3	1305.0	1203.0	1847.0
640538.0	78.9	10	2	1499.0	1964.0	–
882053.0	75.2	10	2	1931.0	1732.0	–
127479.0	78.9	10	2	1391.0	1331.0	–
368701.0	87.9	10	3	1518.0	1856.0	1100.0
609542.0	85.1	10	3	1877.0	1815.0	1770.0
851009.0	91.3	10	3	1252.0	1914.0	1992.0
97482.0	98.8	10	3	1776.0	1269.0	1755.0
340084.0	66.1	10	1	1176.0	–	–
580416.0	94.2	10	3	1652.0	1736.0	1071.0
823178.0	74.0	10	2	1831.0	1040.0	–
67847.0	80.7	10	2	1589.0	1814.0	–

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)
309707.0	74.0	10	2	1516.0	1389.0	—
551427.0	74.8	10	2	1632.0	1467.0	—
794145.0	50.2	10	1	1920.0	—	—
38026.0	99.3	10	3	1220.0	1899.0	1544.0
280416.0	65.8	10	1	1138.0	—	—
520656.0	96.5	10	3	1762.0	1779.0	1448.0
764546.0	54.4	10	1	1635.0	—	—
8300.0	76.6	10	2	1891.0	1608.0	—
250207.0	69.2	10	2	1155.0	1451.0	—
491129.0	94.0	10	3	1524.0	1837.0	1226.0
734459.0	55.9	10	1	1991.0	—	—
976916.0	58.2	10	1	1573.0	—	—
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)
330676.0	83.7	5	3	1178.0	1253.0	1207.0
694557.0	65.1	5	1	1555.0	—	—
1057253.0	83.3	5	2	1556.0	1023.0	—
1420594.0	82.0	5	2	1026.0	1376.0	—
285700.0	91.0	5	3	1598.0	1798.0	1673.0
649599.0	63.0	5	1	2000.0	—	—
1012404.0	77.0	5	2	1007.0	1743.0	—
1376479.0	50.5	5	1	1722.0	—	—

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)
137605.0	90.2	13	3	1200.0	1437.0	1076.0
344712.0	77.4	13	2	1584.0	1825.0	—
551868.0	71.4	13	2	1655.0	1601.0	—
758363.0	95.4	13	3	1612.0	1286.0	1032.0
112175.0	74.0	13	2	1439.0	1781.0	—
319455.0	75.0	13	2	1455.0	1292.0	—
526524.0	67.6	13	2	1538.0	1450.0	—
732776.0	92.0	13	3	1487.0	1372.0	1185.0
86689.0	76.3	13	2	1695.0	1285.0	—
292980.0	98.7	13	3	1780.0	1740.0	1989.0
499746.0	92.3	13	3	1834.0	1907.0	1397.0
707955.0	77.8	13	2	1710.0	1533.0	—
61312.0	58.4	13	1	1014.0	—	—
267690.0	90.9	13	3	1658.0	1861.0	1507.0

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)
554985.0	69.3	10	2	1303.0	1739.0	—
798184.0	59.2	10	1	1283.0	—	—
41640.0	82.2	10	2	1173.0	1251.0	—
283024.0	83.5	10	3	1354.0	1140.0	1896.0
525899.0	54.0	10	1	1717.0	—	—
767802.0	56.3	10	1	1993.0	—	—
11847.0	61.2	10	1	1663.0	—	—
253589.0	67.9	10	2	1716.0	1462.0	—
494890.0	90.9	10	3	1151.0	1426.0	1526.0
738008.0	50.9	10	1	1965.0	—	—
979809.0	72.9	10	2	1128.0	1095.0	—
223877.0	67.0	10	2	1479.0	1399.0	—

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)
428935.0	95.3	11	3	1609.0	1321.0	1764.0
652486.0	72.7	11	2	1757.0	1790.0	—
877604.0	51.7	11	1	1338.0	—	—
179446.0	59.2	11	1	1182.0	—	—
402888.0	57.8	11	1	1517.0	—	—
626311.0	53.1	11	1	1642.0	—	—
848433.0	67.2	11	2	1398.0	1713.0	—
151615.0	73.5	11	2	1262.0	1679.0	—
374452.0	90.5	11	3	1031.0	1115.0	1594.0
596406.0	96.6	11	3	1358.0	1988.0	1954.0
821976.0	53.4	11	1	1960.0	—	—
124341.0	54.8	11	1	1357.0	—	—
347262.0	75.3	11	2	1570.0	1441.0	—

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)
673010.0	90.8	9	3	1783.0	1611.0	1952.0
938795.0	78.9	9	2	1308.0	1137.0	—
114469.0	62.5	9	1	1001.0	—	—
378715.0	50.2	9	1	1264.0	—	—
642026.0	70.6	9	2	1726.0	1168.0	—
906667.0	51.6	9	1	1978.0	—	—
81719.0	78.2	9	2	1956.0	1568.0	—
345183.0	99.9	9	3	1539.0	1190.0	1617.0
608905.0	92.9	9	3	1006.0	1158.0	1832.0
871992.0	95.9	9	3	1656.0	1165.0	1828.0
49269.0	74.0	9	2	1139.0	1610.0	—

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)
382491.0	99.8	7	3	1859.0	1374.0	1126.0
706350.0	57.5	7	1	1454.0	—	—
1029668.0	59.0	7	1	1072.0	—	—
20488.0	70.7	7	2	1540.0	1693.0	—
343015.0	89.3	7	3	1013.0	1440.0	1030.0
665817.0	72.3	7	2	1177.0	1763.0	—
987702.0	86.6	7	3	1187.0	1370.0	1429.0
1311188.0	70.4	7	2	1089.0	1804.0	—
303409.0	72.5	7	2	1447.0	1496.0	—

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)
469913.0	57.0	10	1	1442.0	—	—
710512.0	79.8	10	2	1782.0	1880.0	—
950575.0	94.9	10	3	1662.0	1862.0	1791.0
197323.0	90.2	10	3	1672.0	1485.0	1197.0
439363.0	67.0	10	2	1957.0	1116.0	—
680084.0	90.9	10	3	1578.0	1149.0	1905.0
921175.0	89.2	10	3	1320.0	1733.0	1922.0
168015.0	60.5	10	1	1761.0	—	—
408878.0	85.0	10	3	1704.0	1557.0	1522.0
652572.0	50.3	10	1	1229.0	—	—
892948.0	72.7	10	2	1387.0	1916.0	—
138258.0	55.8	10	1	1299.0	—	—

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)
252536.0	77.3	18	2	1871.0	1919.0	—
414666.0	58.2	18	1	1605.0	—	—
575640.0	63.3	18	1	1980.0	—	—
72061.0	77.5	18	2	1124.0	1775.0	—
232468.0	98.8	18	3	1434.0	1465.0	1646.0
394099.0	67.6	18	2	1276.0	1506.0	—
554800.0	70.3	18	2	1563.0	1593.0	—
52076.0	99.4	18	3	1143.0	1746.0	1986.0
212716.0	94.8	18	3	1472.0	1930.0	1052.0
374545.0	67.2	18	2	1239.0	1049.0	—
536153.0	52.4	18	1	1698.0	—	—
32408.0	76.9	18	2	1235.0	1541.0	—
193083.0	77.7	18	2	1942.0	1996.0	—
355260.0	59.4	18	1	1234.0	—	—
516263.0	50.3	18	1	1730.0	—	—
12552.0	94.2	18	3	1037.0	1210.0	1731.0
173005.0	96.6	18	3	1943.0	1752.0	1314.0
333363.0	84.2	18	3	1648.0	1705.0	1883.0

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)
893435.0	68.2	8	2	1489.0	1735.0	—
1185865.0	60.0	8	1	1025.0	—	—
277239.0	83.0	8	2	1188.0	1738.0	—
567690.0	82.3	8	2	1280.0	1386.0	—
858372.0	68.2	8	2	1174.0	1087.0	—
1149958.0	60.9	8	1	1118.0	—	—
241135.0	84.1	8	3	1428.0	1796.0	1400.0
532072.0	72.3	8	2	1024.0	1302.0	—
822369.0	83.2	8	2	1160.0	1422.0	—
1111630.0	79.7	8	2	1940.0	1881.0	—

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)
147067.0	62.4	13	1	1347.0	—	—
354085.0	67.6	13	2	1073.0	1576.0	—
562073.0	64.8	13	1	1513.0	—	—
766975.0	92.5	13	3	1150.0	1618.0	1653.0
121196.0	73.1	13	2	1951.0	1547.0	—
328380.0	68.2	13	2	1195.0	1917.0	—
535233.0	72.5	13	2	1641.0	1912.0	—
741364.0	99.3	13	3	1702.0	1090.0	1786.0
95587.0	95.7	13	3	1275.0	1729.0	1444.0
302286.0	93.2	13	3	1979.0	1486.0	1282.0
509479.0	90.6	13	3	1785.0	1070.0	1122.0
718759.0	54.6	13	1	1166.0	—	—
70384.0	66.3	13	1	1162.0	—	—
277346.0	71.0	13	2	1240.0	1892.0	—

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)
521875.0	77.8	11	2	1753.0	1378.0	–
744143.0	89.8	11	3	1170.0	1924.0	1083.0
48176.0	77.4	11	2	1416.0	1419.0	–
271538.0	67.9	11	2	1152.0	1092.0	–
495151.0	62.4	11	1	1719.0	–	–
719015.0	57.5	11	1	1199.0	–	–
20642.0	90.6	11	3	1548.0	1579.0	1596.0
243404.0	95.1	11	3	1534.0	1222.0	1844.0
467908.0	64.0	11	1	1164.0	–	–
691117.0	50.8	11	1	1675.0	–	–
913451.0	82.1	11	2	1532.0	1287.0	–
216649.0	62.7	11	1	1694.0	–	–
439598.0	72.8	11	2	1046.0	1725.0	–
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)
956987.0	95.0	6	3	1340.0	1458.0	1750.0
1279594.0	90.0	6	3	1063.0	1237.0	1901.0
273271.0	52.3	6	1	1990.0	–	–
594656.0	93.4	6	3	1787.0	1692.0	1878.0
918508.0	76.4	6	2	1495.0	1290.0	–
1240395.0	84.5	6	3	1009.0	1501.0	1146.0
233148.0	90.6	6	3	1352.0	1114.0	1521.0
554978.0	86.9	6	3	1908.0	1934.0	1529.0
878970.0	77.1	6	2	1161.0	1304.0	–
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)
1352822.0	52.3	5	1	1824.0	–	–
218022.0	59.9	5	1	1678.0	–	–
581434.0	53.7	5	1	1623.0	–	–
945141.0	59.5	5	1	1141.0	–	–
1305697.0	87.0	5	3	1075.0	1958.0	1504.0
173303.0	51.0	5	1	1315.0	–	–
535305.0	98.5	5	3	1923.0	1868.0	1645.0
900201.0	53.3	5	1	1411.0	–	–

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

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5386	5381	5722	5711	5639
5	5655	5401	5490	5692	5677
10	5582	5399	5306	5272	5542
15	5571	5353	5279	5660	5590
20	5261	5445	5552	5295	5388
25	5459	5504	5513	5657	5275
30	5514	5348	5591	5444	5488
35	5496	5704	5324	5300	5254
40	5643	5614	5508	5259	5406
45	5362	5685	5280	5387	5608
50	5611	5594	5521	5370	5527
55	5506	5266	5360	5281	5438
60	5526	5367	5557	5707	5683
65	5430	5562	5471	5302	5610
70	5440	5556	5294	5286	5373
75	5499	5376	5299	5486	5645
80	5649	5568	5642	5627	5688
85	5689	5366	5638	5298	5374
90	5448	5681	5587	5575	5647
95	5484	5559	5709	5696	5462
Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5641	5620	5658	5397	5384
5	5319	5423	5565	5283	5521
10	5608	5371	5440	5501	5293
15	5630	5698	5339	5398	5471
20	5668	5281	5299	5534	5525
25	5588	5591	5660	5538	5555
30	5546	5707	5254	5597	5411
35	5583	5579	5292	5382	5713
40	5711	5337	5581	5379	5505
45	5663	5386	5445	5268	5333
50	5274	5484	5312	5645	5694
55	5548	5456	5557	5252	5567
60	5691	5389	5533	5251	5704
65	5394	5466	5297	5266	5580
70	5304	5669	5540	5405	5270
75	5720	5549	5493	5642	5552
80	5628	5409	5267	5334	5712
85	5468	5459	5566	5273	5406
90	5709	5592	5615	5414	5463
95	5380	5482	5563	5696	5689

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5421	5384	5594	5558	5701
5	5361	5348	5640	5446	5253
10	5442	5635	5481	5696	5314
15	5718	5350	5346	5663	5579
20	5715	5526	5498	5449	5537
25	5319	5289	5572	5597	5532
30	5664	5372	5274	5609	5625
35	5670	5660	5535	5627	5550
40	5517	5422	5619	5599	5495
45	5366	5528	5326	5386	5539
50	5360	5488	5321	5491	5318
55	5310	5502	5646	5376	5601
60	5381	5257	5456	5672	5430
65	5343	5405	5604	5633	5383
70	5655	5543	5254	5721	5679
75	5518	5516	5533	5523	5300
80	5465	5654	5610	5408	5711
85	5598	5674	5643	5388	5612
90	5628	5419	5330	5706	5282
95	5549	5452	5570	5391	5673

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5579	5623	5530	5719	5446
5	5403	5370	5715	5609	5460
10	5373	5521	5619	5416	5335
15	5709	5477	5545	5391	5587
20	5516	5656	5615	5471	5337
25	5389	5522	5393	5606	5261
30	5421	5621	5523	5429	5289
35	5286	5456	5310	5638	5600
40	5360	5384	5596	5424	5724
45	5611	5439	5426	5711	5664
50	5272	5410	5692	5262	5498
55	5264	5670	5572	5253	5546
60	5677	5625	5282	5618	5631
65	5292	5441	5339	5428	5661
70	5641	5643	5578	5390	5636
75	5356	5514	5560	5532	5304
80	5662	5363	5462	5374	5513
85	5250	5296	5693	5542	5597
90	5432	5318	5489	5453	5705
95	5342	5723	5533	5350	5549

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5359	5387	5466	5308	5288
5	5445	5295	5315	5297	5289
10	5682	5310	5660	5611	5356
15	5322	5507	5648	5436	5669
20	5595	5585	5694	5607	5444
25	5700	5338	5628	5497	5640
30	5303	5578	5327	5675	5627
35	5428	5377	5252	5463	5552
40	5703	5683	5298	5527	5593
45	5353	5704	5345	5395	5691
50	5490	5365	5323	5499	5515
55	5584	5686	5410	5454	5489
60	5543	5382	5711	5719	5457
65	5583	5661	5716	5477	5646
70	5320	5367	5617	5724	5330
75	5576	5597	5281	5495	5337
80	5545	5560	5254	5523	5459
85	5569	5513	5664	5259	5312
90	5630	5483	5390	5451	5265
95	5392	5517	5723	5528	5504

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5614	5626	5402	5469	5508
5	5584	5317	5390	5363	5496
10	5613	5574	5701	5709	5377
15	5410	5634	5654	5481	5386
20	5506	5276	5635	5696	5417
25	5491	5665	5356	5698	5674
30	5345	5296	5535	5542	5449
35	5447	5567	5565	5523	5616
40	5466	5388	5711	5292	5590
45	5660	5684	5302	5403	5448
50	5578	5366	5541	5374	5588
55	5338	5528	5399	5364	5644
60	5686	5514	5511	5401	5664
65	5289	5607	5655	5416	5381
70	5645	5311	5710	5649	5552
75	5556	5706	5545	5573	5589
80	5341	5418	5586	5456	5319
85	5505	5375	5602	5560	5450
90	5551	5501	5424	5372	5379
95	5598	5621	5700	5414	5599

Type 6 Radar Waveform_6						
Frequency List (MHz)	0	1	2	3	4	
0	5394	5390	5338	5630	5350	
5	5626	5717	5465	5526	5703	
10	5544	5363	5267	5429	5398	
15	5498	5286	5282	5578	5514	
20	5442	5576	5688	5379	5517	
25	5559	5327	5708	5387	5660	
30	5492	5601	5609	5656	5416	
35	5294	5477	5478	5471	5649	
40	5532	5587	5589	5664	5385	
45	5461	5501	5368	5425	5299	
50	5636	5375	5318	5359	5505	
55	5388	5640	5566	5596	5332	
60	5553	5614	5452	5448	5383	
65	5696	5274	5503	5528	5515	
70	5675	5521	5554	5366	5290	
75	5597	5582	5356	5581	5319	
80	5445	5697	5340	5653	5333	
85	5648	5716	5507	5361	5254	
90	5572	5396	5502	5519	5389	
95	5328	5612	5694	5309	5506	
Type 6 Radar Waveform_7						
Frequency List (MHz)	0	1	2	3	4	
0	5552	5629	5274	5316	5570	
5	5668	5264	5540	5689	5435	
10	5378	5627	5308	5624	5419	
15	5489	5413	5385	5474	5295	
20	5522	5511	5614	5302	5363	
25	5645	5466	5287	5431	5267	
30	5526	5549	5449	5400	5375	
35	5465	5273	5272	5687	5544	
40	5391	5317	5554	5587	5297	
45	5681	5421	5644	5468	5422	
50	5255	5593	5418	5476	5388	
55	5362	5319	5300	5324	5359	
60	5672	5256	5525	5633	5596	
65	5679	5563	5520	5277	5251	
70	5455	5682	5352	5504	5547	
75	5259	5535	5618	5303	5271	
80	5334	5353	5301	5720	5414	
85	5683	5607	5581	5406	5610	
90	5395	5514	5557	5566	5432	
95	5692	5521	5523	5252	5505	

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5332	5393	5685	5477	5412
5	5710	5664	5615	5377	5264
10	5309	5416	5349	5344	5440
15	5577	5540	5488	5519	5487
20	5433	5677	5555	5294	5336
25	5533	5318	5490	5535	5301
30	5568	5406	5624	5285	5363
35	5483	5697	5305	5631	5637
40	5525	5678	5350	5551	5480
45	5607	5520	5372	5594	5527
50	5660	5641	5604	5521	5330
55	5326	5421	5596	5357	5556
60	5542	5502	5512	5427	5255
65	5547	5529	5290	5579	5516
70	5402	5395	5413	5634	5338
75	5397	5496	5509	5648	5658
80	5354	5666	5571	5616	5396
85	5693	5430	5612	5647	5250
90	5534	5630	5312	5258	5518
95	5473	5679	5275	5632	5373

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5587	5254	5621	5638	5632
5	5374	5686	5690	5540	5471
10	5715	5302	5390	5539	5461
15	5665	5570	5591	5564	5679
20	5441	5271	5496	5383	5309
25	5324	5267	5596	5261	5335
30	5610	5424	5363	5355	5301
35	5483	5454	5376	5375	5694
40	5470	5342	5366	5680	5675
45	5279	5604	5634	5538	5660
50	5407	5723	5295	5578	5566
55	5585	5579	5558	5340	5455
60	5586	5541	5664	5382	5488
65	5703	5463	5562	5439	5710
70	5696	5276	5380	5428	5359
75	5392	5485	5448	5497	5550
80	5523	5415	5502	5460	5347
85	5691	5600	5543	5268	5701
90	5516	5612	5602	5389	5622
95	5656	5327	5447	5667	5631

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5367	5493	5557	5324	5474
5	5416	5708	5290	5606	5678
10	5549	5566	5431	5637	5482
15	5278	5697	5597	5512	5396
20	5449	5437	5375	5282	5687
25	5594	5365	5369	5274	5313
30	5320	5473	5550	5303	5593
35	5545	5647	5625	5705	5406
40	5425	5304	5445	5672	5586
45	5487	5717	5499	5616	5599
50	5471	5629	5277	5306	5432
55	5292	5547	5634	5650	5584
60	5276	5486	5496	5305	5434
65	5429	5410	5402	5297	5709
70	5513	5390	5262	5480	5335
75	5351	5357	5591	5478	5327
80	5536	5671	5666	5523	5344
85	5411	5600	5385	5328	5321
90	5481	5663	5684	5426	5628
95	5538	5436	5561	5722	5615

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5622	5257	5493	5388	5694
5	5458	5633	5365	5294	5507
10	5480	5355	5569	5357	5503
15	5269	5349	5700	5557	5685
20	5360	5506	5475	5464	5255
25	5575	5446	5527	5469	5403
30	5316	5299	5277	5688	5702
35	5501	5258	5443	5303	5619
40	5720	5508	5717	5588	5669
45	5515	5467	5325	5559	5378
50	5647	5680	5366	5376	5466
55	5262	5453	5621	5713	5441
60	5528	5328	5606	5477	5252
65	5359	5438	5604	5504	5462
70	5345	5483	5601	5311	5310
75	5326	5549	5259	5459	5579
80	5646	5452	5683	5719	5703
85	5291	5513	5617	5526	5407
90	5591	5634	5337	5420	5448
95	5578	5302	5696	5581	5468

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5305	5496	5429	5549	5536
5	5500	5655	5440	5457	5714
10	5411	5619	5610	5552	5524
15	5357	5476	5328	5602	5402
20	5368	5672	5416	5456	5703
25	5366	5395	5255	5573	5437
30	5358	5663	5709	5428	5321
35	5396	5349	5533	5559	5591
40	5353	5666	5347	5447	5408
45	5615	5722	5254	5348	5256
50	5455	5330	5698	5668	5420
55	5452	5650	5592	5270	5606
60	5473	5257	5432	5423	5453
65	5308	5377	5339	5594	5631
70	5331	5583	5450	5287	5269
75	5673	5572	5356	5659	5708
80	5422	5271	5716	5406	5641
85	5351	5705	5314	5571	5299
90	5702	5281	5262	5371	5680
95	5557	5595	5260	5479	5471

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5560	5260	5365	5710	5281
5	5639	5580	5515	5620	5446
10	5720	5408	5651	5272	5545
15	5445	5603	5431	5550	5594
20	5376	5266	5357	5676	5254
25	5722	5458	5677	5471	5497
30	5649	5666	5643	5628	5519
35	5438	5440	5607	5706	5544
40	5398	5296	5593	5285	5276
45	5427	5491	5576	5300	5711
50	5605	5524	5307	5642	5381
55	5374	5469	5563	5399	5418
60	5564	5355	5369	5257	5413
65	5646	5397	5703	5317	5586
70	5263	5692	5448	5421	5608
75	5294	5489	5334	5713	5618
80	5406	5483	5314	5325	5657
85	5622	5547	5425	5268	5308
90	5562	5612	5315	5664	5377
95	5426	5574	5292	5690	5465

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5340	5499	5301	5396	5598
5	5681	5602	5590	5686	5275
10	5651	5294	5692	5467	5566
15	5533	5633	5534	5595	5311
20	5287	5432	5395	5537	5649
25	5520	5671	5564	5403	5505
30	5539	5538	5623	5286	5402
35	5339	5577	5531	5384	5458
40	5712	5379	5358	5282	5680
45	5407	5574	5634	5353	5501
50	5481	5603	5255	5451	5489
55	5569	5328	5357	5288	5437
60	5528	5461	5363	5656	5412
65	5477	5449	5381	5558	5578
70	5397	5303	5589	5526	5714
75	5662	5514	5337	5494	5404
80	5270	5710	5338	5309	5422
85	5374	5517	5622	5576	5320
90	5720	5611	5274	5342	5347
95	5678	5251	5370	5372	5308

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5595	5263	5712	5557	5343
5	5723	5527	5665	5374	5482
10	5485	5558	5258	5565	5587
15	5524	5285	5540	5640	5503
20	5295	5501	5336	5626	5622
25	5408	5523	5292	5507	5539
30	5581	5427	5580	5554	5634
35	5716	5674	5537	5372	5648
40	5462	5469	5279	5512	5387
45	5657	5692	5406	5388	5260
50	5304	5409	5344	5652	5433
55	5660	5282	5547	5405	5703
60	5358	5300	5630	5688	5353
65	5381	5386	5689	5375	5593
70	5621	5483	5457	5637	5480
75	5417	5526	5439	5707	5687
80	5264	5337	5612	5490	5627
85	5568	5443	5301	5280	5704
90	5312	5268	5425	5254	5270
95	5287	5305	5310	5308	5414

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5278	5502	5648	5718	5660
5	5290	5549	5265	5537	5689
10	5416	5347	5299	5285	5608
15	5612	5412	5643	5685	5695
20	5303	5667	5277	5618	5595
25	5674	5375	5495	5611	5573
30	5720	5413	5716	5328	5357
35	5283	5335	5567	5312	5383
40	5487	5642	5407	5266	5276
45	5441	5270	5653	5362	5480
50	5460	5433	5475	5280	5373
55	5711	5262	5304	5379	5311
60	5316	5350	5535	5405	5501
65	5579	5424	5423	5623	5659
70	5541	5372	5692	5699	5569
75	5580	5355	5683	5461	5317
80	5527	5307	5506	5620	5704
85	5687	5581	5397	5329	5455
90	5341	5263	5466	5313	5586
95	5421	5713	5644	5408	5508
Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5533	5266	5584	5404	5405
5	5429	5474	5340	5700	5518
10	5347	5611	5480	5629	5539
15	5271	5633	5412	5311	5358
20	5315	5707	5568	5562	5324
25	5698	5715	5607	5287	5302
30	5494	5456	5652	5422	5426
35	5363	5465	5297	5326	5250
40	5723	5506	5273	5348	5711
45	5415	5540	5487	5656	5511
50	5522	5298	5699	5561	5665
55	5355	5598	5350	5440	5481
60	5295	5464	5706	5702	5528
65	5255	5515	5462	5710	5317
70	5548	5545	5600	5351	5442
75	5569	5637	5563	5670	5683
80	5604	5590	5520	5360	5521
85	5323	5632	5589	5461	5631
90	5389	5371	5433	5535	5319
95	5541	5623	5328	5498	5376

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5313	5505	5520	5565	5722
5	5471	5496	5415	5291	5250
10	5656	5400	5381	5675	5650
15	5666	5374	5678	5604	5697
20	5427	5256	5699	5541	5450
25	5651	5426	5441	5544	5329
30	5451	5574	5254	5375	5561
35	5517	5634	5618	5686	5640
40	5333	5661	5271	5367	5677
45	5705	5431	5294	5468	5330
50	5363	5357	5562	5611	5596
55	5546	5274	5619	5545	5417
60	5472	5646	5715	5296	5629
65	5293	5525	5477	5399	5465
70	5310	5265	5307	5344	5320
75	5300	5521	5498	5720	5397
80	5423	5346	5359	5368	5601
85	5493	5362	5420	5616	5586
90	5281	5321	5395	5284	5253
95	5542	5416	5590	5303	5439
Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5568	5269	5456	5629	5467
5	5513	5421	5490	5454	5457
10	5587	5286	5519	5395	5671
15	5401	5696	5477	5723	5418
20	5705	5593	5672	5313	5514
25	5716	5600	5532	5545	5578
30	5371	5652	5408	5314	5406
35	5670	5700	5608	5430	5393
40	5697	5576	5416	5599	5414
45	5364	5606	5685	5255	5521
50	5692	5617	5533	5613	5322
55	5462	5573	5260	5614	5601
60	5336	5282	5603	5455	5714
65	5251	5426	5435	5297	5677
70	5446	5476	5427	5420	5624
75	5497	5640	5365	5540	5404
80	5501	5285	5523	5431	5598
85	5460	5493	5679	5383	5333
90	5631	5637	5479	5486	5554
95	5433	5645	5287	5337	5484

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5348	5508	5392	5315	5309
5	5652	5443	5565	5617	5286
10	5518	5550	5560	5493	5692
15	5483	5293	5610	5713	5662
20	5710	5305	5487	5604	5452
25	5260	5649	5612	5510	5541
30	5365	5529	5655	5393	5267
35	5699	5323	5546	5611	5415
40	5596	5537	5654	5361	5438
45	5665	5597	5313	5574	5482
50	5709	5664	5411	5620	5337
55	5650	5430	5450	5433	5641
60	5255	5501	5702	5435	5281
65	5660	5549	5375	5374	5507
70	5472	5724	5548	5413	5423
75	5473	5416	5609	5485	5683
80	5385	5278	5395	5381	5590
85	5494	5595	5277	5396	5618
90	5346	5525	5499	5591	5299
95	5651	5407	5663	5700	5271

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5506	5272	5328	5476	5529
5	5694	5368	5543	5305	5493
10	5352	5339	5601	5688	5713
15	5480	5475	5586	5716	5327
20	5624	5353	5651	5394	5460
25	5395	5304	5463	5278	5646
30	5552	5430	5322	5269	5332
35	5406	5412	5594	5699	5525
40	5254	5679	5419	5358	5367
45	5645	5680	5371	5627	5369
50	5410	5715	5500	5443	5281
55	5363	5384	5640	5252	5612
60	5666	5647	5364	5703	5275
65	5324	5267	5527	5717	5399
70	5426	5375	5481	5508	5366
75	5530	5408	5637	5279	5557
80	5592	5472	5299	5620	5464
85	5642	5534	5497	5341	5510
90	5289	5655	5297	5467	5280
95	5705	5345	5351	5306	5261

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5286	5511	5264	5637	5371
5	5261	5390	5618	5700	5283
10	5603	5642	5408	5259	5568
15	5602	5689	5519	5632	5422
20	5592	5386	5433	5253	5666
25	5479	5680	5594	5416	5279
30	5387	5581	5508	5545	5503
35	5474	5536	5287	5413	5562
40	5355	5674	5625	5288	5332
45	5583	5634	5720	5586	5291
50	5589	5266	5454	5338	5449
55	5486	5513	5356	5671	5505
60	5649	5573	5273	5446	5549
65	5330	5314	5482	5526	5328
70	5334	5450	5628	5397	5347
75	5307	5518	5418	5443	5717
80	5492	5667	5299	5399	5369
85	5337	5596	5695	5506	5516
90	5701	5537	5309	5484	5335
95	5336	5702	5465	5304	5473

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5541	5275	5675	5323	5591
5	5303	5315	5693	5534	5432
10	5592	5392	5683	5603	5280
15	5656	5254	5317	5331	5711
20	5640	5588	5533	5475	5406
25	5549	5580	5394	5583	5714
30	5258	5305	5602	5706	5684
35	5594	5283	5627	5450	5407
40	5467	5351	5327	5449	5508
45	5371	5390	5636	5424	5499
50	5287	5342	5300	5547	5642
55	5292	5545	5268	5457	5521
60	5634	5503	5595	5299	5319
65	5385	5381	5429	5608	5483
70	5468	5529	5398	5304	5293
75	5322	5273	5443	5328	5559
80	5531	5674	5607	5489	5387
85	5677	5716	5297	5647	5555
90	5515	5671	5522	5260	5419
95	5418	5598	5320	5501	5681

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5321	5611	5484	5433	5442
5	5337	5293	5697	5261	5523
10	5278	5724	5323	5301	5647
15	5284	5420	5279	5428	5551
20	5657	5571	5467	5379	5437
25	5529	5500	5687	5273	5300
30	5291	5668	5342	5507	5526
35	5251	5685	5554	5305	5364
40	5343	5550	5667	5567	5446
45	5532	5488	5454	5448	5689
50	5311	5375	5463	5393	5389
55	5290	5394	5355	5721	5638
60	5562	5674	5686	5579	5335
65	5254	5541	5597	5268	5421
70	5591	5314	5555	5629	5722
75	5280	5252	5586	5406	5336
80	5641	5455	5368	5486	5582
85	5580	5558	5392	5624	5640
90	5601	5328	5713	5361	5528
95	5672	5679	5527	5615	5445
Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5479	5375	5547	5645	5653
5	5484	5262	5368	5385	5468
10	5454	5542	5290	5421	5322
15	5260	5411	5426	5324	5620
20	5559	5348	5512	5556	5352
25	5703	5381	5316	5307	5342
30	5655	5625	5557	5659	5724
35	5390	5301	5350	5555	5657
40	5633	5605	5332	5443	5364
45	5537	5409	5267	5576	5251
50	5639	5444	5478	5588	5338
55	5543	5675	5353	5399	5328
60	5376	5524	5642	5584	5323
65	5692	5360	5423	5591	5592
70	5440	5632	5571	5256	5686
75	5416	5387	5491	5276	5711
80	5363	5528	5483	5580	5497
85	5452	5341	5533	5526	5631
90	5706	5561	5539	5500	5297
95	5288	5681	5589	5634	5336

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5259	5614	5483	5709	5495
5	5526	5284	5443	5451	5675
10	5288	5331	5616	5343	5348
15	5538	5529	5369	5434	5567
20	5417	5453	5548	5325	5591
25	5708	5431	5517	5341	5481
30	5544	5582	5433	5392	5718
35	5289	5496	5716	5543	5475
40	5440	5293	5448	5620	5467
45	5320	5463	5505	5340	5411
50	5660	5256	5629	5578	5273
55	5457	5541	5566	5571	5478
60	5530	5524	5641	5396	5633
65	5395	5321	5523	5257	5420
70	5610	5645	5607	5536	5300
75	5368	5268	5492	5527	5480
80	5594	5339	5415	5436	5473
85	5606	5252	5691	5637	5643
90	5346	5648	5649	5555	5292
95	5521	5391	5501	5587	5371
Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5514	5378	5419	5395	5715
5	5568	5684	5518	5614	5504
10	5694	5595	5469	5336	5364
15	5436	5665	5632	5414	5626
20	5478	5583	5491	5637	5298
25	5479	5657	5634	5621	5375
30	5523	5530	5539	5415	5585
35	5267	5571	5580	5386	5678
40	5335	5421	5481	5437	5600
45	5428	5703	5525	5373	5253
50	5381	5516	5546	5278	5612
55	5604	5444	5258	5397	5719
60	5586	5706	5511	5403	5304
65	5476	5347	5590	5432	5465
70	5673	5393	5509	5260	5647
75	5576	5656	5443	5349	5520
80	5399	5273	5691	5654	5380
85	5314	5475	5628	5438	5560
90	5500	5551	5643	5677	5282
95	5288	5610	5450	5494	5699

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5294	5617	5355	5556	5557
5	5707	5706	5593	5302	5711
10	5625	5384	5510	5531	5385
15	5427	5695	5260	5362	5343
20	5486	5274	5432	5629	5271
25	5270	5509	5250	5409	5565
30	5419	5496	5630	5359	5562
35	5710	5671	5310	5636	5689
40	5504	5480	5529	5408	5311
45	5329	5615	5257	5692	5597
50	5367	5435	5451	5535	5537
55	5448	5691	5690	5715	5396
60	5456	5605	5519	5548	5539
65	5371	5675	5476	5495	5360
70	5563	5301	5489	5330	5297
75	5283	5717	5377	5386	5595
80	5438	5723	5306	5611	5273
85	5546	5649	5614	5585	5305
90	5665	5434	5382	5422	5320
95	5321	5640	5635	5446	5431

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5549	5381	5291	5717	5302
5	5274	5631	5668	5465	5443
10	5459	5270	5551	5251	5406
15	5515	5347	5363	5407	5535
20	5494	5343	5373	5718	5719
25	5633	5458	5468	5354	5704
30	5308	5453	5370	5511	5382
35	5374	5287	5581	5314	5603
40	5585	5587	5357	5720	5528
45	5394	5544	5405	5608	5393
50	5648	5456	5258	5395	5723
55	5491	5638	5413	5661	5272
60	5561	5401	5542	5371	5488
65	5507	5440	5657	5634	5481
70	5345	5538	5522	5417	5421
75	5632	5311	5310	5447	5402
80	5326	5289	5437	5498	5271
85	5565	5521	5569	5711	5655
90	5403	5322	5418	5461	5264
95	5700	5620	5300	5532	5316

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2024-03-11		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5490	1	5505	1	5497	1	5529	1
1	5543	1	5502	0	5500	1	5510	1
2	5555	1	5523	1	5552	1	5570	0
3	5527	1	5490	0	5555	1	5553	0
4	5491	1	5544	1	5498	1	5524	0
5	5565	1	5545	1	5523	0	5559	1
6	5552	1	5555	1	5558	0	5568	0
7	5559	1	5514	1	5555	1	5563	1
8	5515	1	5553	1	5535	1	5557	1
9	5500	1	5562	1	5561	1	5540	1
10	5530	1	5567	1	5564	1	5569	1
11	5528	1	5500	1	5570	0	5546	1
12	5539	1	5517	0	5538	1	5507	1
13	5560	1	5541	1	5560	1	5490	0
14	5531	1	5499	1	5569	0	5527	0
15	5555	1	5492	1	5542	0	5504	1
16	5533	1	5497	1	5490	0	5535	0
17	5570	1	5500	1	5519	1	5550	1
18	5515	1	5547	1	5520	1	5528	1
19	5532	1	5519	1	5528	1	5496	1
20	5501	1	5570	0	5501	1	5532	1
21	5504	1	5551	1	5519	1	5543	0
22	5541	1	5518	1	5569	1	5530	1
23	5547	1	5527	1	5536	1	5558	1
24	5515	1	5519	1	5522	1	5525	1
25	5516	1	5545	0	5535	1	5554	1
26	5503	1	5525	1	5530	0	5561	1
27	5513	1	5499	0	5523	1	5517	1

Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect	Frequency	1=detect
	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect	(MHz)	0=no detect
28	5495	1	5559	1	5559	1	5551	1
29	5524	1	5530	1	5524	0	5507	1
Probability:	100.0%		80.0%		73.3%		73.3%	
Aggregate:	81.7% (>80%)							

Radar Type 1 - Radar Waveform							Radar Type 2 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	538.0	99	53262.0	Download	0	Type 2	4.7	156.0	29	4524.0
Download	1	Type 1	1.0	898.0	59	52982.0	Download	1	Type 2	2.1	196.0	24	4704.0
Download	2	Type 1	1.0	698.0	76	53048.0	Download	2	Type 2	4.7	211.0	29	6119.0
Download	3	Type 1	1.0	918.0	58	53244.0	Download	3	Type 2	2.3	198.0	25	4950.0
Download	4	Type 1	1.0	758.0	70	53060.0	Download	4	Type 2	1.4	177.0	23	4071.0
Download	5	Type 1	1.0	778.0	68	52904.0	Download	5	Type 2	2.2	213.0	25	5325.0
Download	6	Type 1	1.0	558.0	95	53010.0	Download	6	Type 2	3.9	208.0	27	5616.0
Download	7	Type 1	1.0	598.0	89	53222.0	Download	7	Type 2	1.6	214.0	24	5136.0
Download	8	Type 1	1.0	938.0	57	53466.0	Download	8	Type 2	3.9	187.0	28	5236.0
Download	9	Type 1	1.0	678.0	78	52884.0	Download	9	Type 2	4.4	203.0	28	5684.0
Download	10	Type 1	1.0	618.0	86	53148.0	Download	10	Type 2	4.4	216.0	28	6048.0
Download	11	Type 1	1.0	3066.0	18	55188.0	Download	11	Type 2	4.1	180.0	28	5040.0
Download	12	Type 1	1.0	718.0	74	53132.0	Download	12	Type 2	3.4	176.0	27	4752.0
Download	13	Type 1	1.0	838.0	63	52794.0	Download	13	Type 2	3.2	164.0	26	4264.0
Download	14	Type 1	1.0	578.0	92	53176.0	Download	14	Type 2	1.2	182.0	23	4186.0
Download	15	Type 1	1.0	1251.0	43	53793.0	Download	15	Type 2	3.8	192.0	27	5184.0
Download	16	Type 1	1.0	1601.0	33	52833.0	Download	16	Type 2	4.6	200.0	29	5800.0
Download	17	Type 1	1.0	2982.0	18	53676.0	Download	17	Type 2	2.7	215.0	25	5375.0
Download	18	Type 1	1.0	1779.0	30	53370.0	Download	18	Type 2	2.9	162.0	26	4212.0
Download	19	Type 1	1.0	1532.0	35	53620.0	Download	19	Type 2	4.8	165.0	29	4785.0
Download	20	Type 1	1.0	2920.0	19	55480.0	Download	20	Type 2	2.1	173.0	24	4152.0
Download	21	Type 1	1.0	624.0	85	53040.0	Download	21	Type 2	1.1	171.0	23	3933.0
Download	22	Type 1	1.0	882.0	60	52920.0	Download	22	Type 2	4.9	207.0	29	6003.0
Download	23	Type 1	1.0	2694.0	20	53880.0	Download	23	Type 2	4.9	193.0	29	5597.0
Download	24	Type 1	1.0	2960.0	18	53280.0	Download	24	Type 2	4.0	224.0	28	6272.0
Download	25	Type 1	1.0	1106.0	48	53088.0	Download	25	Type 2	3.3	157.0	27	4239.0
Download	26	Type 1	1.0	2301.0	23	52923.0	Download	26	Type 2	3.6	229.0	27	6183.0
Download	27	Type 1	1.0	2605.0	21	54705.0	Download	27	Type 2	4.1	150.0	28	4200.0
Download	28	Type 1	1.0	1436.0	37	53132.0	Download	28	Type 2	4.3	186.0	28	5208.0
Download	29	Type 1	1.0	2901.0	19	55119.0	Download	29	Type 2	1.9	172.0	24	4128.0

Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.7	363.0	18	6534.0	Download	0	Type 4	19.3	363.0	16	5808.0
Download	1	Type 3	7.1	319.0	16	5104.0	Download	1	Type 4	13.5	319.0	13	4147.0
Download	2	Type 3	9.7	369.0	18	6642.0	Download	2	Type 4	19.3	369.0	16	5904.0
Download	3	Type 3	7.3	495.0	17	8415.0	Download	3	Type 4	14.0	495.0	13	6435.0
Download	4	Type 3	6.4	492.0	16	7872.0	Download	4	Type 4	12.0	492.0	12	5904.0
Download	5	Type 3	7.2	420.0	16	6720.0	Download	5	Type 4	13.8	420.0	13	5460.0
Download	6	Type 3	8.9	465.0	18	8370.0	Download	6	Type 4	17.4	465.0	15	6975.0
Download	7	Type 3	6.6	357.0	16	5712.0	Download	7	Type 4	12.4	357.0	12	4284.0
Download	8	Type 3	8.9	322.0	18	5796.0	Download	8	Type 4	17.5	322.0	15	4830.0
Download	9	Type 3	9.4	234.0	18	4212.0	Download	9	Type 4	18.6	234.0	16	3744.0
Download	10	Type 3	9.4	399.0	18	7182.0	Download	10	Type 4	18.6	399.0	16	6384.0
Download	11	Type 3	9.1	480.0	18	8640.0	Download	11	Type 4	17.9	480.0	15	7200.0
Download	12	Type 3	8.4	244.0	17	4148.0	Download	12	Type 4	16.3	244.0	14	3416.0
Download	13	Type 3	8.2	490.0	17	8330.0	Download	13	Type 4	15.9	490.0	14	6860.0
Download	14	Type 3	6.2	317.0	16	5072.0	Download	14	Type 4	11.6	317.0	12	3804.0
Download	15	Type 3	8.8	332.0	18	5976.0	Download	15	Type 4	17.4	332.0	15	4980.0
Download	16	Type 3	9.6	294.0	18	5292.0	Download	16	Type 4	19.1	294.0	16	4704.0
Download	17	Type 3	7.7	269.0	17	4573.0	Download	17	Type 4	14.8	269.0	14	3766.0
Download	18	Type 3	7.9	457.0	17	7769.0	Download	18	Type 4	15.3	457.0	14	6398.0
Download	19	Type 3	9.8	220.0	18	3960.0	Download	19	Type 4	19.5	220.0	16	3520.0
Download	20	Type 3	7.1	303.0	16	4848.0	Download	20	Type 4	13.4	303.0	13	3939.0
Download	21	Type 3	6.1	477.0	16	7632.0	Download	21	Type 4	11.2	477.0	12	5724.0
Download	22	Type 3	9.9	351.0	18	6318.0	Download	22	Type 4	19.8	351.0	16	5616.0
Download	23	Type 3	9.9	293.0	18	5274.0	Download	23	Type 4	19.7	293.0	16	4688.0
Download	24	Type 3	9.0	284.0	18	5112.0	Download	24	Type 4	17.7	284.0	15	4260.0
Download	25	Type 3	8.3	467.0	17	7939.0	Download	25	Type 4	16.2	467.0	14	6538.0
Download	26	Type 3	8.6	408.0	17	6936.0	Download	26	Type 4	16.8	408.0	15	6120.0
Download	27	Type 3	9.1	226.0	18	4068.0	Download	27	Type 4	18.0	226.0	15	3390.0
Download	28	Type 3	9.3	273.0	18	4914.0	Download	28	Type 4	18.5	273.0	16	4368.0
Download	29	Type 3	6.9	446.0	16	7136.0	Download	29	Type 4	13.1	446.0	13	5798.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5530	1	15	5496.4	1
1	5530	1	16	5497.6	1
2	5530	1	17	5494.4	1
3	5530	1	18	5494.8	1
4	5530	1	19	5497.6	1
5	5530	1	20	5566.4	1
6	5530	1	21	5568	0
7	5530	1	22	5562	1
8	5530	1	23	5562	1
9	5530	1	24	5563.6	1
10	5497.2	1	25	5564.4	1
11	5496.8	1	26	5564	1
12	5495.6	1	27	5563.2	1
13	5495.2	1	28	5562.8	1
14	5492.4	1	29	5566.8	1
Detection Percentage (%)			96.7%		

Type 5 Radar Waveform_0						
Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
99517.0	95.9	19	3	1669.0	1835.0	1655.0
252780.0	64.2	19	1	1831.0	—	—
404045.0	96.2	19	3	1654.0	1420.0	1037.0
557332.0	66.8	19	2	1781.0	1082.0	—
81248.0	55.7	19	1	1710.0	—	—
234007.0	65.5	19	1	1723.0	—	—
385435.0	85.6	19	3	1038.0	1228.0	1626.0
539409.0	57.9	19	1	1860.0	—	—
62180.0	85.9	19	3	1605.0	1318.0	1326.0
214144.0	91.8	19	3	1767.0	1645.0	1372.0
365848.0	92.1	19	3	1951.0	1479.0	1891.0
518126.0	88.3	19	3	1597.0	1627.0	1624.0
43533.0	79.5	19	2	1389.0	1502.0	—
196065.0	77.3	19	2	1632.0	1079.0	—
349259.0	53.4	19	1	1496.0	—	—
499397.0	85.3	19	3	1984.0	1093.0	1779.0
24720.0	94.7	19	3	1399.0	1139.0	1147.0
177229.0	71.4	19	2	1029.0	1859.0	—
329760.0	74.2	19	2	1225.0	1559.0	—
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)
832921.0	96.8	9	3	1697.0	1874.0	1341.0
10341.0	63.7	9	1	1786.0	—	—
274609.0	51.4	9	1	1305.0	—	—
537304.0	98.8	9	3	1937.0	1096.0	1444.0
800105.0	98.2	9	3	1903.0	1634.0	1880.0
1063817.0	87.0	9	3	1369.0	1873.0	1720.0
241764.0	78.8	9	2	1609.0	1017.0	—
505642.0	82.1	9	2	1487.0	1280.0	—
768655.0	88.6	9	3	1049.0	1532.0	1452.0
1032370.0	91.3	9	3	1631.0	1227.0	1056.0
209539.0	61.8	9	1	1135.0	—	—

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)
273393.0	74.5	19	2	1100.0	1714.0	—
426008.0	71.5	19	2	1466.0	1171.0	—
577041.0	85.0	19	3	1297.0	1910.0	1066.0
102065.0	78.7	19	2	1507.0	1607.0	—
253749.0	85.8	19	3	1550.0	1813.0	1575.0
406995.0	66.7	19	2	1689.0	1293.0	—
559424.0	82.4	19	2	1311.0	1700.0	—
83488.0	59.8	19	1	1618.0	—	—
236275.0	64.7	19	1	1615.0	—	—
388493.0	69.3	19	2	1222.0	1312.0	—
541695.0	57.1	19	1	1792.0	—	—
64394.0	94.8	19	3	1375.0	1915.0	1002.0
216747.0	90.7	19	3	1061.0	1577.0	1027.0
369073.0	87.6	19	3	1245.0	1243.0	1114.0
521960.0	77.7	19	2	1730.0	1170.0	—
45768.0	73.3	19	2	1088.0	1637.0	—
197473.0	93.9	19	3	1980.0	1985.0	1337.0
350552.0	76.8	19	2	1972.0	1202.0	—
502507.0	86.0	19	3	1058.0	1213.0	1469.0
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)
42692.0	94.4	10	3	1676.0	1960.0	1362.0
284557.0	69.7	10	2	1610.0	1474.0	—
525598.0	95.1	10	3	1184.0	1611.0	1696.0
768223.0	67.5	10	2	1166.0	1790.0	—
13007.0	65.1	10	1	1924.0	—	—
255220.0	57.3	10	1	1344.0	—	—
495778.0	94.4	10	3	1258.0	1548.0	1845.0
739669.0	65.5	10	1	1292.0	—	—
978666.0	98.0	10	3	1515.0	1617.0	1436.0
225013.0	79.8	10	2	1336.0	1658.0	—
466457.0	77.0	10	2	1854.0	1911.0	—
707234.0	83.5	10	3	1333.0	2000.0	1616.0

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)
1266293.0	97.1	6	3	1901.0	1666.0	1417.0
260667.0	66.7	6	2	1099.0	1041.0	—
583082.0	74.0	6	2	1908.0	1239.0	—
905848.0	67.3	6	2	1701.0	1220.0	—
1228135.0	70.6	6	2	1555.0	1777.0	—
220962.0	53.3	6	1	1758.0	—	—
544103.0	50.7	6	1	1287.0	—	—
865388.0	91.6	6	3	1004.0	1300.0	1715.0
1186774.0	86.7	6	3	1636.0	1727.0	1791.0

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)
135913.0	52.9	9	1	1123.0	—	—
376862.0	84.8	9	3	1612.0	1019.0	1953.0
620110.0	56.6	9	1	1640.0	—	—
862769.0	54.9	9	1	1033.0	—	—
105724.0	89.7	9	3	1593.0	1302.0	1510.0
347724.0	69.0	9	2	1141.0	1724.0	—
590176.0	60.8	9	1	1823.0	—	—
832147.0	61.2	9	1	1965.0	—	—
76071.0	70.5	9	2	1283.0	1944.0	—
318487.0	63.7	9	1	1134.0	—	—
559014.0	85.0	9	3	1438.0	1272.0	1504.0
802785.0	55.2	9	1	1401.0	—	—

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)
32708.0	52.6	16	1	1625.0	—	—
202418.0	97.0	16	3	1739.0	1740.0	1933.0
372413.0	92.1	16	3	1807.0	1449.0	1952.0
543784.0	79.4	16	2	1527.0	1827.0	—
11674.0	54.0	16	1	1307.0	—	—
182103.0	69.9	16	2	1651.0	1403.0	—
352527.0	71.3	16	2	1126.0	1997.0	—
521948.0	91.5	16	3	1774.0	1667.0	1053.0
694770.0	51.2	16	1	1744.0	—	—
160819.0	84.5	16	3	1795.0	1257.0	1255.0
331575.0	80.0	16	2	1834.0	1198.0	—
500463.0	87.8	16	3	1708.0	1540.0	1989.0
671603.0	85.8	16	3	1282.0	1335.0	1355.0
140411.0	60.1	16	1	1544.0	—	—
310499.0	78.0	16	2	1958.0	1252.0	—
482124.0	66.6	16	1	1450.0	—	—
651363.0	70.3	16	2	1998.0	1187.0	—

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)
203164.0	57.0	7	1	1229.0	—	—
493217.0	69.9	7	2	1353.0	1543.0	—
782136.0	93.1	7	3	1733.0	1565.0	1762.0
1073222.0	85.3	7	3	1210.0	1104.0	1325.0
166840.0	99.3	7	3	1940.0	1816.0	1138.0
457082.0	91.5	7	3	1045.0	1754.0	1072.0
747207.0	85.0	7	3	1320.0	1441.0	1068.0
1036973.0	88.5	7	3	1773.0	1357.0	1094.0
131511.0	62.5	7	1	1488.0	—	—
421745.0	75.4	7	2	1522.0	1223.0	—

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)
416601.0	88.4	16	3	1858.0	1748.0	1861.0
587675.0	83.5	16	3	1028.0	1904.0	1101.0
56217.0	54.2	16	1	1888.0	—	—
226505.0	77.4	16	2	1780.0	1514.0	—
398124.0	66.1	16	1	1136.0	—	—
566537.0	92.1	16	3	1528.0	1217.0	1499.0
35101.0	78.2	16	2	1890.0	1692.0	—
205099.0	94.5	16	3	1378.0	1458.0	1882.0
375989.0	69.8	16	2	1237.0	1918.0	—
546495.0	82.0	16	2	1794.0	1269.0	—
14087.0	87.9	16	3	1668.0	1977.0	1584.0
185102.0	66.5	16	1	1102.0	—	—
354242.0	83.5	16	3	1497.0	1381.0	1769.0
525462.0	79.5	16	2	1119.0	1992.0	—
697952.0	50.0	16	1	1046.0	—	—
163279.0	85.5	16	3	1437.0	1412.0	1549.0
333886.0	68.5	16	2	1809.0	1592.0	—

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)
477129.0	54.8	18	1	1981.0	–	–
636954.0	68.9	18	2	1887.0	1533.0	–
134697.0	69.1	18	2	1480.0	1290.0	–
295215.0	79.6	18	2	1920.0	1968.0	–
455864.0	91.0	18	3	1112.0	1554.0	1361.0
615584.0	94.2	18	3	1699.0	1706.0	1687.0
114674.0	90.9	18	3	1482.0	1007.0	1374.0
276272.0	63.4	18	1	1826.0	–	–
436213.0	93.8	18	3	1641.0	1087.0	1078.0
596531.0	91.9	18	3	1442.0	1622.0	1238.0
95034.0	70.0	18	2	1411.0	1329.0	–
256632.0	53.3	18	1	1249.0	–	–
417815.0	55.4	18	1	1571.0	–	–
579093.0	57.1	18	1	1604.0	–	–
74883.0	91.0	18	3	1806.0	1900.0	1832.0
235701.0	91.5	18	3	1025.0	1926.0	1256.0
396486.0	94.5	18	3	1304.0	1122.0	1585.0
557743.0	83.0	18	2	1600.0	1766.0	–

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)
55430.0	57.9	18	1	1962.0	–	–
215789.0	97.0	18	3	1092.0	1594.0	1894.0
378102.0	57.0	18	1	1526.0	–	–
539183.0	63.8	18	1	1818.0	–	–
35474.0	95.8	18	3	1109.0	1657.0	1036.0
196834.0	57.6	18	1	1796.0	–	–
358053.0	65.6	18	1	1857.0	–	–
519886.0	58.2	18	1	1095.0	–	–
15639.0	84.7	18	3	1928.0	1837.0	1430.0
176692.0	82.4	18	2	1043.0	1801.0	–
336669.0	90.6	18	3	1970.0	1048.0	1833.0
497307.0	86.4	18	3	1591.0	1975.0	1116.0
661234.0	63.6	18	1	1286.0	–	–
156363.0	85.2	18	3	1746.0	1439.0	1765.0
318304.0	63.8	18	1	1914.0	–	–
479181.0	73.0	18	2	1253.0	1142.0	–
639765.0	80.1	18	2	1768.0	1169.0	–
136967.0	69.5	18	2	1867.0	1281.0	–

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)
314860.0	93.5	17	3	1919.0	1241.0	1408.0
484988.0	95.9	17	3	1976.0	1414.0	1124.0
655410.0	97.4	17	3	1546.0	1309.0	1319.0
123948.0	89.4	17	3	1039.0	1246.0	1545.0
295343.0	63.4	17	1	1145.0	—	—
466084.0	63.9	17	1	1418.0	—	—
635578.0	72.4	17	2	1181.0	1742.0	—
103320.0	50.1	17	1	1475.0	—	—
273978.0	58.2	17	1	1946.0	—	—
443581.0	91.1	17	3	1077.0	1277.0	1371.0
615988.0	64.3	17	1	1310.0	—	—
82132.0	74.8	17	2	1601.0	1113.0	—
251890.0	97.0	17	3	1877.0	1745.0	1270.0
422672.0	75.1	17	2	1718.0	1895.0	—
591608.0	89.1	17	3	1853.0	1673.0	1729.0
61063.0	96.5	17	3	1176.0	1042.0	1212.0
230810.0	92.2	17	3	1717.0	1810.0	1784.0
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)
454886.0	88.5	14	3	1425.0	1363.0	1945.0
650757.0	61.4	14	1	1057.0	—	—
45442.0	91.1	14	3	1205.0	1179.0	1132.0
238969.0	73.2	14	2	1207.0	1128.0	—
432633.0	61.4	14	1	1955.0	—	—
626160.0	63.9	14	1	1986.0	—	—
21661.0	82.7	14	2	1197.0	1849.0	—
215258.0	59.5	14	1	1893.0	—	—
409142.0	58.4	14	1	1273.0	—	—
601169.0	72.9	14	2	1803.0	1709.0	—
796793.0	57.3	14	1	1054.0	—	—
191075.0	78.3	14	2	1863.0	1447.0	—
383638.0	84.8	14	3	1182.0	1812.0	1685.0
576650.0	89.6	14	3	1127.0	1462.0	1921.0
771041.0	82.5	14	2	1216.0	1785.0	—

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)
167382.0	77.1	13	2	1161.0	1639.0	–
360380.0	71.5	13	2	1621.0	1948.0	–
552815.0	98.0	13	3	1163.0	1602.0	1847.0
746012.0	98.6	13	3	1583.0	1397.0	1321.0
143251.0	85.6	13	3	1322.0	1898.0	1328.0
336972.0	68.6	13	2	1395.0	1262.0	–
528638.0	83.6	13	3	1936.0	1983.0	1317.0
721315.0	93.2	13	3	1716.0	1695.0	1912.0
119522.0	91.5	13	3	1288.0	1495.0	1537.0
312324.0	95.6	13	3	1582.0	1218.0	1967.0
505520.0	99.5	13	3	1465.0	1140.0	1646.0
699144.0	74.6	13	2	1994.0	1541.0	–
95668.0	94.0	13	3	1866.0	1266.0	1881.0
289648.0	59.8	13	1	1787.0	–	–
481604.0	85.5	13	3	1473.0	1426.0	1589.0

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)
1270831.0	65.4	6	1	1260.0	–	–
135273.0	97.4	6	3	1394.0	1650.0	1642.0
498641.0	67.1	6	2	1201.0	1359.0	–
860035.0	93.1	6	3	1870.0	1956.0	1830.0
1224911.0	75.3	6	2	1308.0	1354.0	–
90819.0	61.6	6	1	1089.0	–	–
453386.0	89.1	6	3	1284.0	1839.0	1151.0
815846.0	96.3	6	3	1922.0	1276.0	1629.0

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)
554541.0	82.1	16	2	1067.0	1248.0	-
21595.0	82.0	16	2	1144.0	1671.0	-
192590.0	64.7	16	1	1063.0	-	-
362682.0	79.8	16	2	1477.0	1232.0	-
533963.0	54.9	16	1	1735.0	-	-
590.0	91.0	16	3	1869.0	1721.0	1306.0
171315.0	65.0	16	1	1964.0	-	-
341739.0	71.8	16	2	1503.0	1076.0	-
511954.0	73.4	16	2	1519.0	1552.0	-
683849.0	51.5	16	1	1586.0	-	-
150194.0	81.8	16	2	1384.0	1011.0	-
319816.0	97.8	16	3	1422.0	1793.0	1364.0
490918.0	75.4	16	2	1892.0	1235.0	-
661074.0	77.1	16	2	1879.0	1551.0	-
128775.0	90.6	16	3	1530.0	1539.0	1518.0
300286.0	60.9	16	1	1244.0	-	-
469529.0	73.6	16	2	1731.0	1987.0	-

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)
574006.0	54.8	19	1	1647.0	-	-
96762.0	68.2	19	2	1146.0	1085.0	-
248864.0	99.6	19	3	1346.0	1221.0	1013.0
401873.0	77.6	19	2	1410.0	1075.0	-
555415.0	62.0	19	1	1388.0	-	-
77667.0	89.4	19	3	1889.0	1268.0	1448.0
229792.0	88.7	19	3	1215.0	1457.0	1757.0
381997.0	99.7	19	3	1278.0	1802.0	1183.0
535066.0	73.0	19	2	1638.0	1538.0	-
59195.0	57.5	19	1	1852.0	-	-
212047.0	60.0	19	1	1485.0	-	-
364791.0	61.2	19	1	1613.0	-	-
514602.0	91.8	19	3	1404.0	1982.0	1848.0
40411.0	64.2	19	1	1415.0	-	-
192687.0	70.9	19	2	1804.0	1433.0	-
344688.0	88.1	19	3	1558.0	1117.0	1275.0
498005.0	75.2	19	2	1494.0	1070.0	-
21572.0	65.9	19	1	1789.0	-	-
174269.0	66.6	19	1	1959.0	-	-

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)
477704.0	70.8	11	2	1267.0	1938.0	–
700033.0	88.8	11	3	1073.0	1698.0	1443.0
4031.0	78.7	11	2	1350.0	1008.0	–
227605.0	52.1	11	1	1263.0	–	–
449998.0	76.5	11	2	1988.0	1677.0	–
673755.0	73.8	11	2	1032.0	1580.0	–
896370.0	76.0	11	2	1674.0	1581.0	–
199619.0	73.0	11	2	1574.0	1749.0	–
423358.0	62.2	11	1	1865.0	–	–
646875.0	62.1	11	1	1732.0	–	–
871002.0	60.0	11	1	1020.0	–	–
171885.0	88.3	11	3	1520.0	1484.0	1694.0
396048.0	56.7	11	1	1377.0	–	–

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)
575190.0	56.1	12	1	1491.0	–	–
781455.0	69.4	12	2	1367.0	1498.0	–
134354.0	70.5	12	2	1365.0	1579.0	–
340775.0	93.4	12	3	1828.0	1660.0	1330.0
547651.0	89.5	12	3	1211.0	1913.0	1445.0
756241.0	68.6	12	2	1432.0	1086.0	–
108821.0	70.0	12	2	1493.0	1569.0	–
315443.0	92.7	12	3	1343.0	1251.0	1871.0
523204.0	76.0	12	2	1160.0	1738.0	–
729845.0	80.2	12	2	1719.0	1811.0	–
83277.0	82.0	12	2	1385.0	1971.0	–
289997.0	83.5	12	3	1188.0	1521.0	1675.0
498387.0	54.9	12	1	1691.0	–	–
706233.0	60.6	12	1	1240.0	–	–

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)
40406.0	81.7	19	2	1419.0	1431.0	—
184831.0	87.3	19	3	1560.0	1206.0	1380.0
330546.0	60.8	19	1	1973.0	—	—
476019.0	59.7	19	1	1429.0	—	—
22618.0	50.2	19	1	1489.0	—	—
167866.0	61.2	19	1	1164.0	—	—
312274.0	73.9	19	2	1702.0	1047.0	—
456100.0	90.1	19	3	1916.0	1022.0	1152.0
4719.0	84.9	19	3	1115.0	1348.0	1303.0
149534.0	76.2	19	2	1106.0	1825.0	—
295067.0	66.1	19	1	1461.0	—	—
439131.0	73.1	19	2	1030.0	1927.0	—
585729.0	53.8	19	1	1120.0	—	—
131419.0	86.0	19	3	1460.0	1324.0	1406.0
276964.0	66.3	19	1	1939.0	—	—
421034.0	76.5	19	2	1451.0	1876.0	—
564395.0	87.5	19	3	1486.0	1424.0	1841.0
114059.0	62.9	19	1	1886.0	—	—
258522.0	69.2	19	2	1743.0	1525.0	—
404212.0	53.2	19	1	1842.0	—	—

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)
1000815.0	55.0	9	1	1044.0	—	—
174912.0	72.3	9	2	1799.0	1509.0	—
437999.0	93.8	9	3	1923.0	1990.0	1107.0
702864.0	77.6	9	2	1630.0	1064.0	—
965197.0	98.6	9	3	1407.0	1678.0	1402.0
142715.0	56.5	9	1	1062.0	—	—
405779.0	95.9	9	3	1670.0	1725.0	1035.0
670591.0	74.0	9	2	1080.0	1230.0	—
933001.0	94.9	9	3	1481.0	1125.0	1578.0
110080.0	58.6	9	1	1820.0	—	—
373235.0	96.7	9	3	1105.0	1805.0	1772.0

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)
877195.0	68.6	5	2	1925.0	1508.0	—
1240193.0	71.5	5	2	1563.0	1829.0	—
106661.0	63.2	5	1	1961.0	—	—
469028.0	94.4	5	3	1453.0	1899.0	1653.0
831584.0	85.8	5	3	1838.0	1664.0	1553.0
1196981.0	51.3	5	1	1517.0	—	—
61943.0	52.4	5	1	1118.0	—	—
425351.0	59.8	5	1	1534.0	—	—

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)
313912.0	77.1	20	2	1722.0	1929.0	—
459434.0	82.9	20	2	1358.0	1137.0	—
6850.0	66.1	20	1	1872.0	—	—
151397.0	84.6	20	3	1195.0	1619.0	1098.0
295537.0	94.3	20	3	1993.0	1097.0	1688.0
441396.0	77.2	20	2	1323.0	1427.0	—
587864.0	66.3	20	1	1103.0	—	—
134196.0	64.8	20	1	1204.0	—	—
278134.0	84.1	20	3	1014.0	1595.0	1356.0
423045.0	76.3	20	2	1684.0	1783.0	—
566891.0	99.6	20	3	1271.0	1836.0	1234.0
115558.0	92.7	20	3	1934.0	1467.0	1661.0
260570.0	69.1	20	2	1843.0	1568.0	—
406549.0	64.3	20	1	1516.0	—	—
551528.0	51.6	20	1	1703.0	—	—
98307.0	55.6	20	1	1884.0	—	—
243621.0	59.4	20	1	1265.0	—	—
387171.0	93.6	20	3	1821.0	1003.0	1000.0
533224.0	83.3	20	2	1012.0	1173.0	—
80482.0	61.1	20	1	1562.0	—	—