

DFS MEASUREMENT REPORT

FCC ID: TV7L23AX52

Applicant: Mikrotiks SIA

Product: mANTBox ax 15s
L23UGSR-5HaxD2HaxD-US
NetMetal ax

Model No.: L22UGS-5HaxD2HaxD-15S-US
L23UGSR-5HaxD2HaxD-US
L23UGSR-5HaxD2HaxD-NM-US

Brand Name: MikroTik

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: 2023-09-01

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Reviewed By:

Vincent Yu

Approved By:

Robin Wu



The test results relate only to the samples tested.

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

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Revision History

Report No.	Version	Description	Issue Date	Note
2308RSU089-U3	V01	Initial Report	2024-02-20	Valid

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1.4. Product Information

Product Name	mANTBox ax 15s L23UGSR-5HaxD2HaxD-US NetMetal ax
Model No.	L22UGS-5HaxD2HaxD-15S-US L23UGSR-5HaxD2HaxD-US L23UGSR-5HaxD2HaxD-NM-US
EUT Serial No.	L23UGSR-5HaxD2HaxD-US: HEM08J6X3F6/320
Software Version	RouterOS V7
Wi-Fi Specification	802.11a/b/g/n/ac/ax, VHT
Antenna Information	Refer to section 1.7
Working Voltage	AC/DC Adapter Input or PoE Input
Operating Environment	-40 ~ 70°C
Accessories	
AC/DC Adapter	Model No.: SAW30-240-1200G Input Power: 100 - 240V ~ 50/60Hz, 0.8A Output Power: 24.0V = 1.2A 28.8W
Gigabit PoE	Input: 18-57V PIN 4, 5: 18-57V PIN 7, 8 Return
Remark: 1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer. 2. PoE needs to be used with an AC adapter. For this report, we select AC Adapter for testing. 3. For model differences, please refer to the Operation Description document.	

1.5. Radio Specification under Test

Frequency Range	<p>For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz</p> <p>For 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz</p> <p>For 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz</p> <p>For 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz</p>
Type of Modulation	<p>802.11a/n/ac: OFDM</p> <p>802.11ax: OFDMA</p>
Data Rate	<p>802.11a: 6/9/12/18/24/36/48/54Mbps</p> <p>802.11n: up to 300Mbps</p> <p>802.11ac: up to 1732Mbps</p> <p>802.11ax: up to 2402Mbps</p>
Power-on cycle	<p>Requires 37.09 seconds to complete its power-on cycle</p>
Uniform Spreading (For DFS Frequency Band)	<p>For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.</p>

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	Antenna Model	Frequency Range (MHz)	Max. PK Gain (dBi)	CDD DG (dBi)	
				For Power	For PSD
Omni Antenna	HGO-antenna-OUT	5150 ~ 5850	7.1	7.1	10.11
Sector Antenna	MTAS-5G-19D120	5150 ~ 5850	19.0	19.0	22.01
Integral Antenna	Built-in cross-polarized sector antenna	5150 ~ 5850	14.0	14.0	17.01

Notes:

1. The EUT only supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.
2. The antenna specification is provided by the applicant.

Optional Antenna	L23UGSR-5HaxD2HaxD-US	L23UGSR-5HaxD2HaxD-NM-US	L22UGS-5HaxD2HaxD-15S-US
Omni Antenna	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sector Antenna	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Integral Antenna	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Note: The model L23UGSR-5HaxD2HaxD-US and L23UGSR-5HaxD2HaxD-NM-US can be equipped with 2 external antennas, and model L22UGS-5HaxD2HaxD-15S-US only have one built-in antenna.

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.
<p>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.</p> <p>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.</p> <p>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.</p>	

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
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>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.</p> <p>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

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.

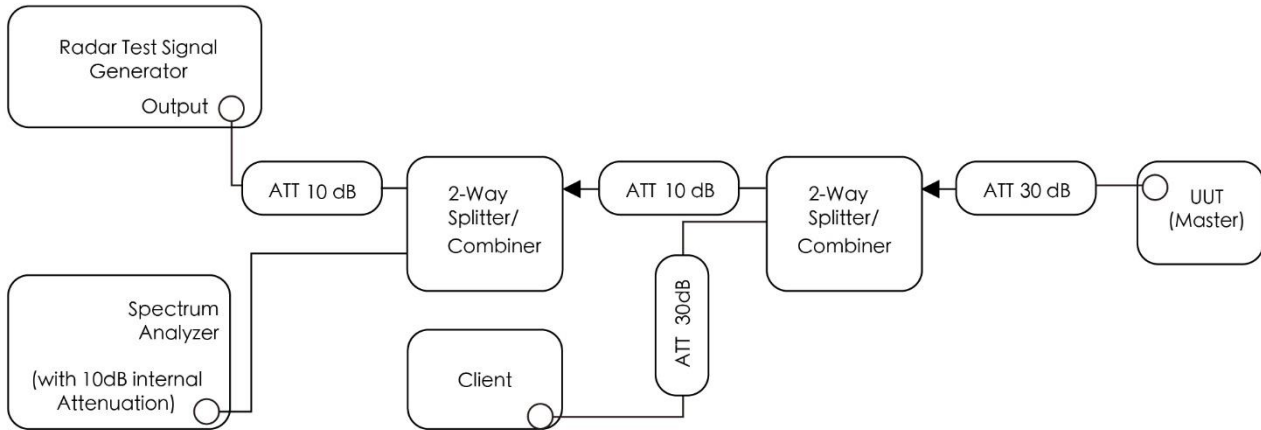


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2023-10-20	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06993	1 year	2024-07-31	WZ-SR4
Signal Analyzer	Keysight	N9020A	MRTSUE06106	1 year	2024-02-29	WZ-SR4

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wireless Network Adapter	Intel	Intel(R) Wi-Fi 6E AX210 160MHz	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

Notes:

1. The test evaluation of each model is as follows.

L23UGSR-5HaxD2HaxD-NM-US and L23UGSR-5HaxD2HaxD-US are identical except the antenna connectors on the PCB board. L22UGS-5HaxD2HaxD-15S-US and L23UGSR-5HaxD2HaxD-US are identical, except that L22UGS-5HaxD2HaxD-15S-US uses a different antenna. Therefore, The L23UGSR-5HaxD2Hax- D-US as a reference device, full test was performed on it.

2. We used the worst-case level -64dBm as DFS detection thresholds for all DFS testing. The Interference Radar Detection Threshold Level does not add antenna Gain.

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.

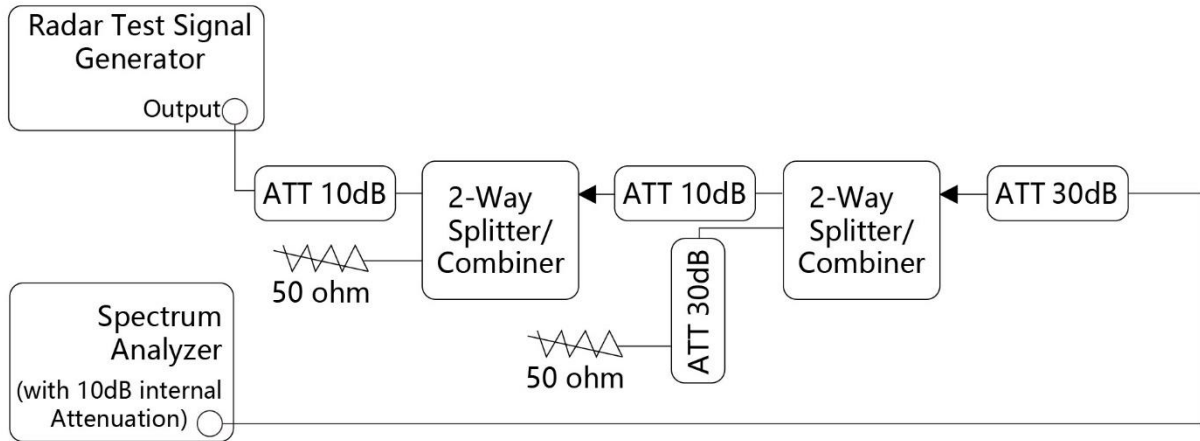


Figure 3-2: Conducted Test Setup

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 minutes sweep time. The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.
2. The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.
3. Confirm that the EUT initiates transmission on the channel. Measurement system showing its nominal noise floor is marker1.

5.4.3. Test Result

Refer to Appendix A.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

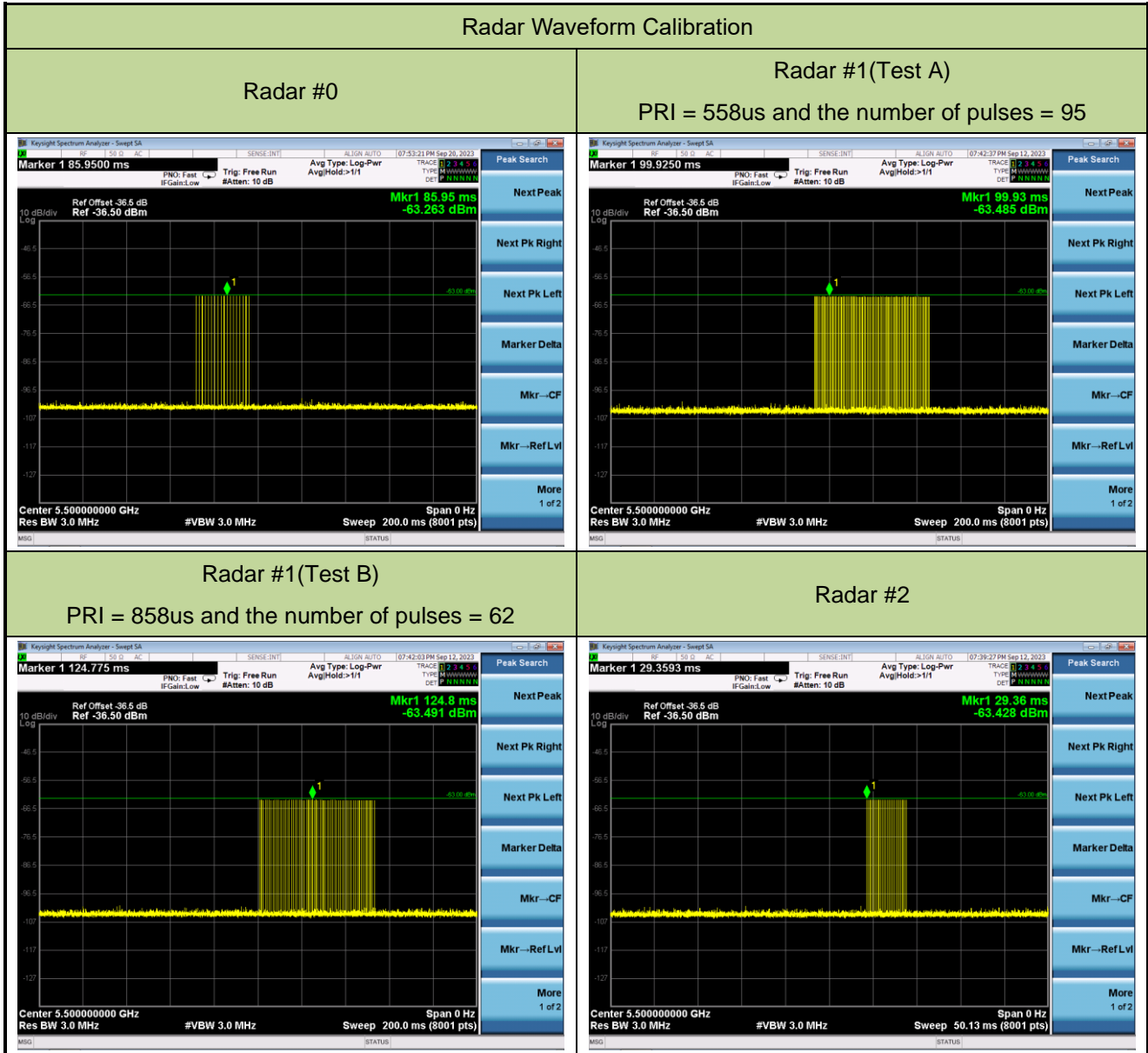
5.8.3. Test Result

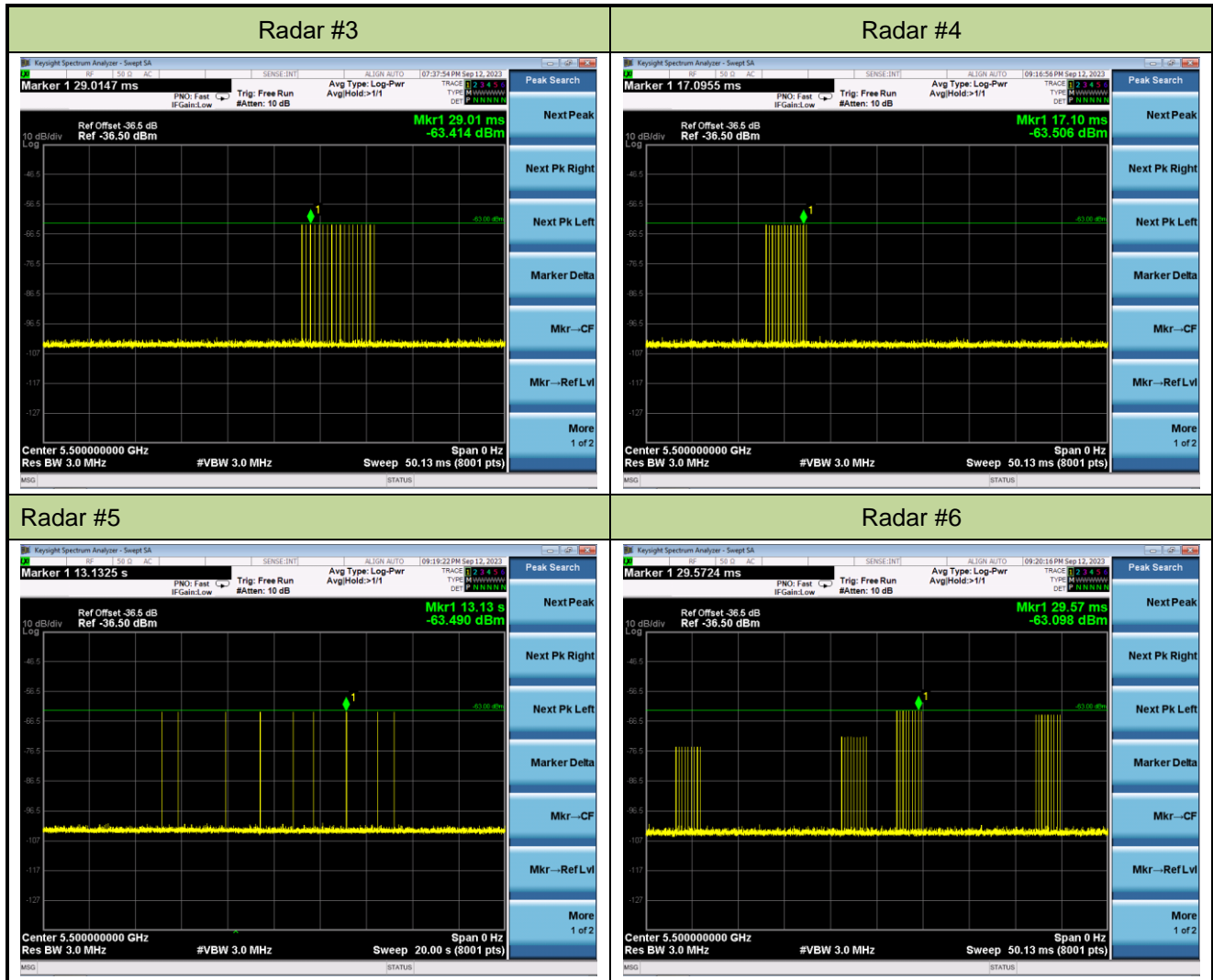
Refer to Appendix A.8.

Appendix A – Test Result

A.1 Calibration Test Result

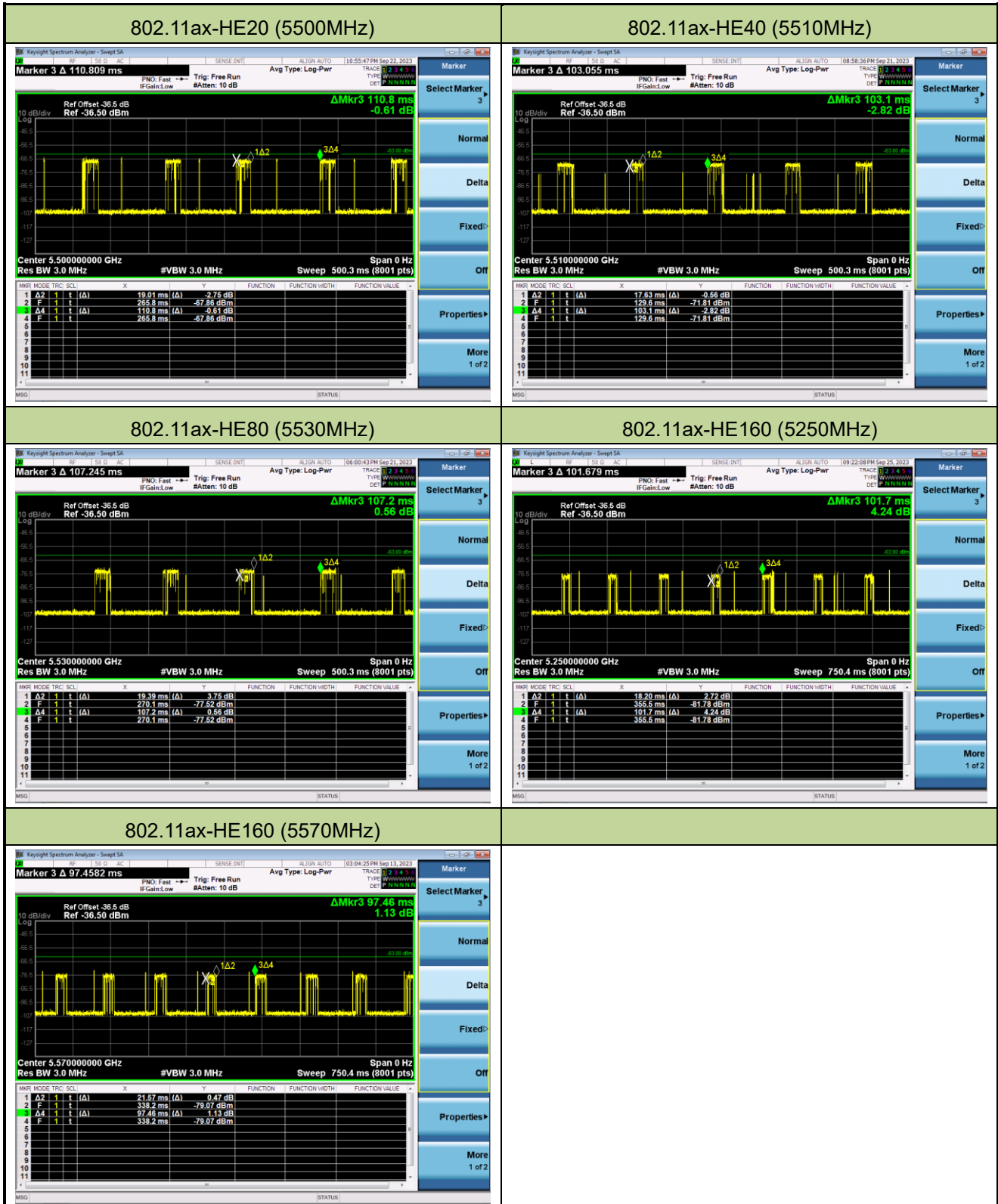
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-12~2023-09-20	Test Item	Radar Waveform Calibration





A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-13~2023-09-25	Test Item	Channel Loading



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	17.16%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	17.10%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	18.09%	≥ 17%	Pass
802.11ax-HE160	5250 MHz	17.90%	≥ 17%	Pass
802.11ax-HE160	5570 MHz	22.13%	≥ 17%	Pass

Note: System testing was performed with the designated iperf test file. This file is used by IP and Frame based systems for loading the test channel during the In-service compliance testing of the U-NII device.

Packet ratio = Time On / (Time On + Off Time).

A.3 NII Detection Bandwidth Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-25		
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 F _L	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510 F _H	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 18.798MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = $F_H - F_L = 5510\text{MHz} - 5490\text{MHz} = 20\text{MHz}$

Note 3: NII Detection Bandwidth Min. Limit (MHz): $18.798\text{MHz} \times 100\% = 18.798\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-22		
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 _{F_L}	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530 _{F_H}	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 37.517MHz. (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): $37.517\text{MHz} \times 100\% = 37.517\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-21		
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 F _L	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5570 F _H	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 76.575MHz. (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): $76.575\text{MHz} \times 100\% = 76.575\text{MHz}$.

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-25		
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%
5330FH	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz. The 99% channel bandwidth within U-NII Band-2A is 77.47MHz ($99\% \text{ BW} / 2 = 154.94\text{MHz} / 2 = 77.47\text{MHz}$). (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): $77.47\text{MHz} \times 100\% = 77.47\text{MHz}$.



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-21		
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%

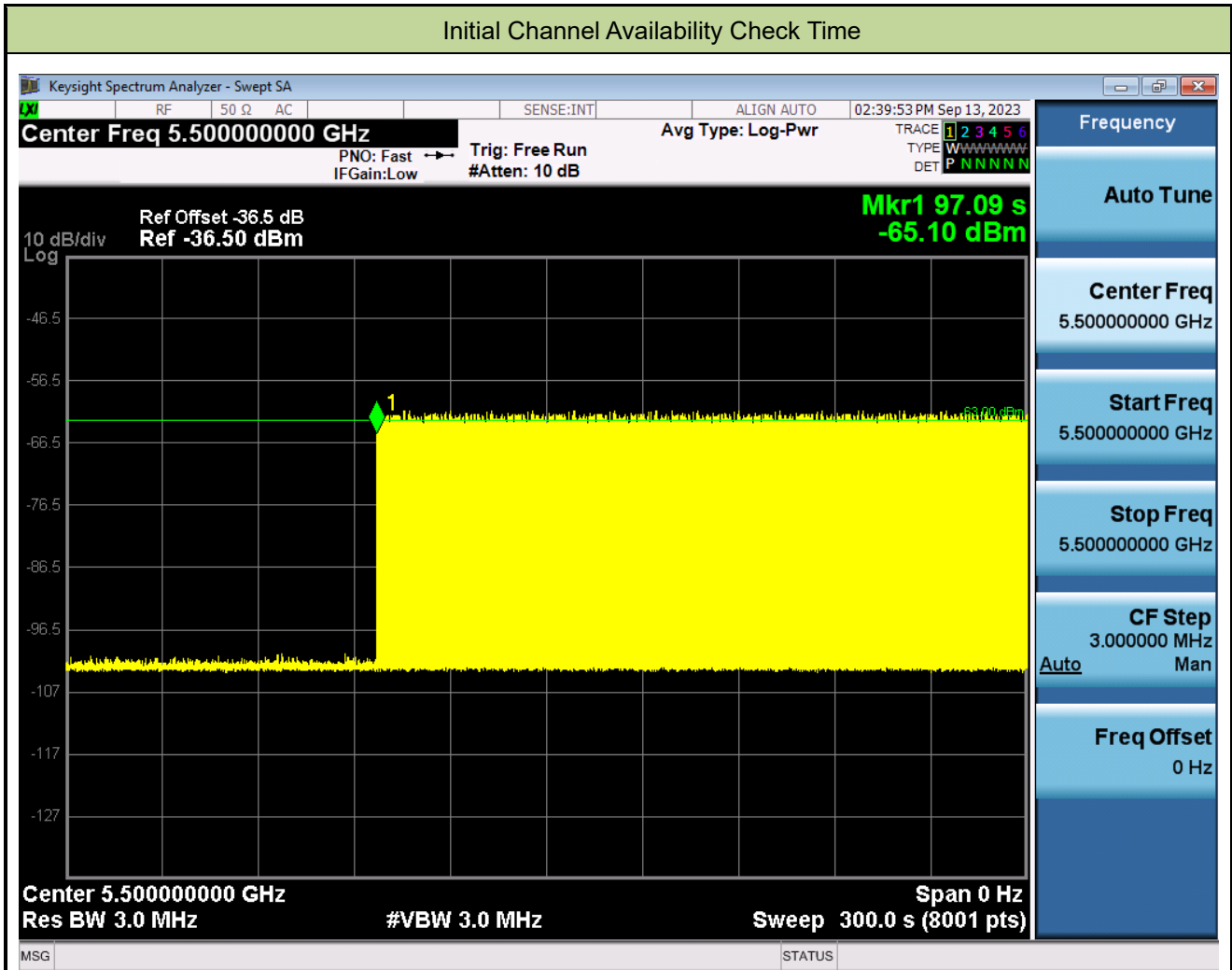
Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5570MHz. The 99% channel bandwidth is 154.99MHz. (See the 99% BW section of the RF report for further measurement details).

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): $154.99\text{MHz} \times 100\% = 154.99\text{MHz}$.

A.4 Initial Channel Availability Check Time Test Result

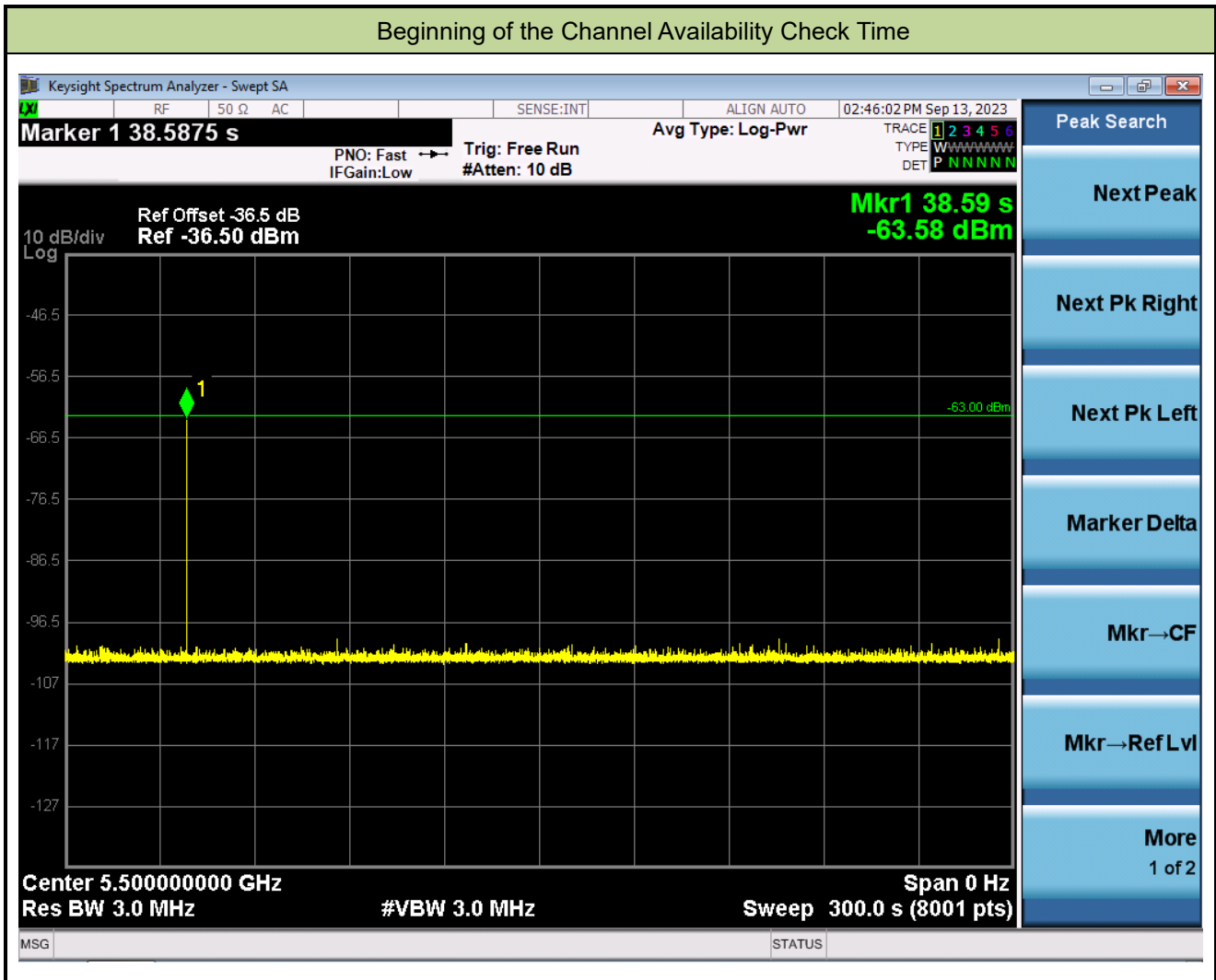
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-13		
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (37.09 sec). Initial beacons/data transmissions are indicated by marker 1 (97.09 sec).

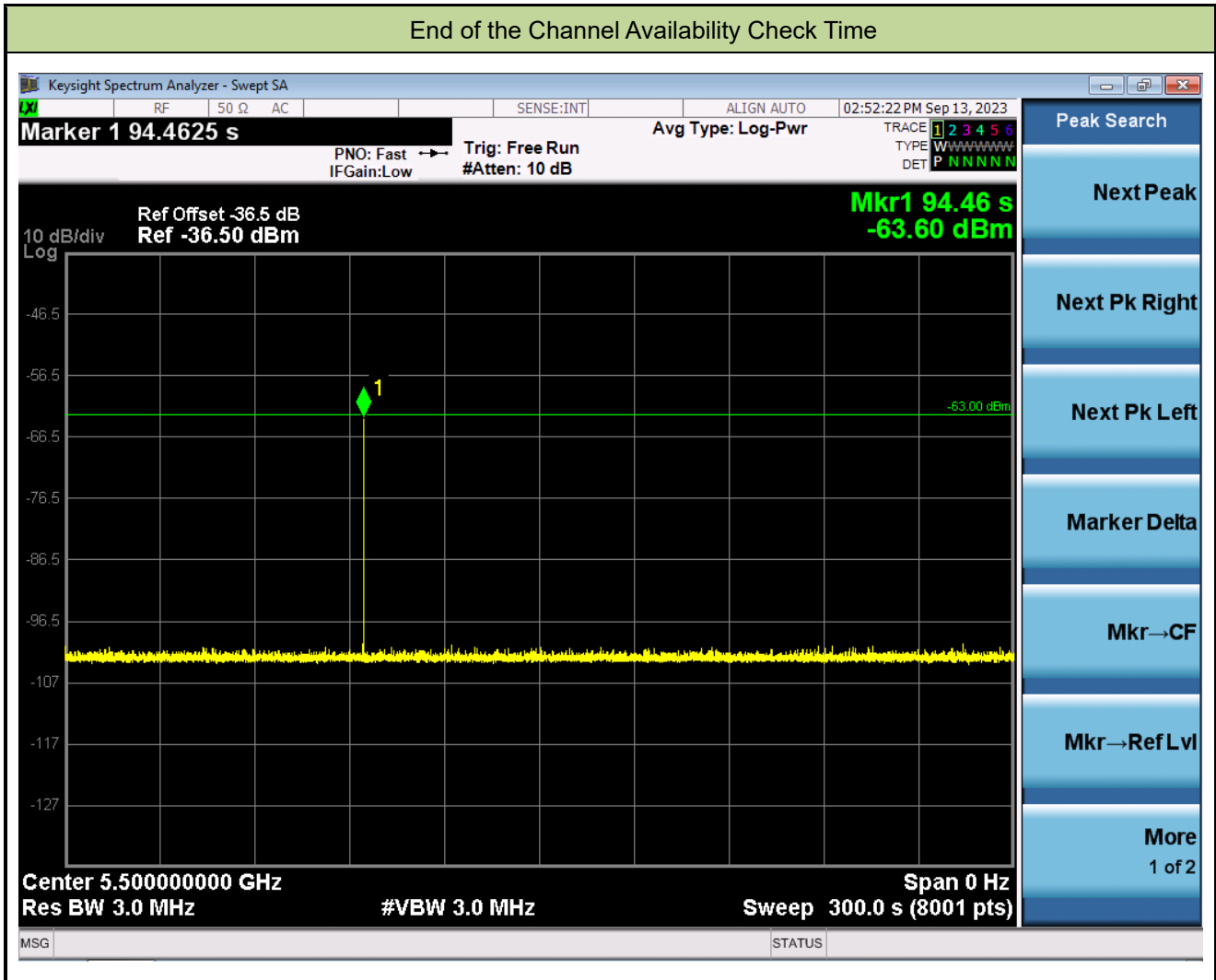
A.5 Radar Burst at the Beginning of the Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-13		
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

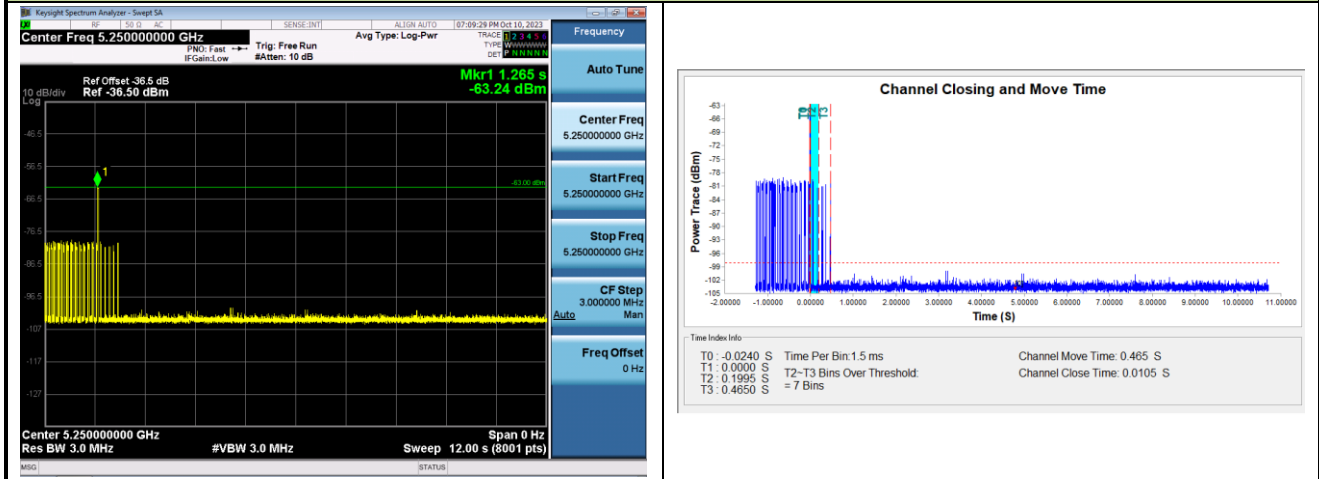
Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-13		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)		



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	2023-09-13~2023-10-13		
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5250MHz)		

Channel Move Time and Channel Closing Transmission Time



Non-Occupancy Period

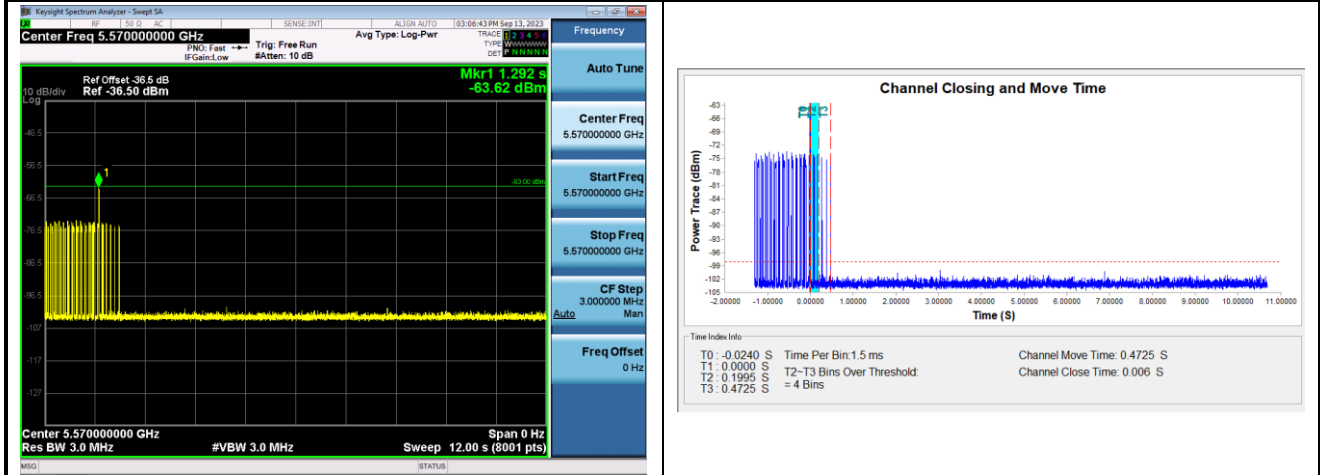


Parameter	Test Result	Limit
Channel Move Time (s)	0.465s	<10s
Channel Closing Transmission Time (ms) (Note)	10.5ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-13~2023-10-13		
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)	0.4725s	<10s
Channel Closing Transmission Time (ms) (Note)	6.0ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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

A.8 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-25		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5490	1	5509	1	5508	1	5504	1
1	5509	1	5506	1	5504	1	5508	1
2	5491	1	5503	0	5510	0	5506	1
3	5497	1	5492	1	5501	1	5499	1
4	5496	1	5505	1	5506	1	5506	1
5	5502	1	5510	1	5498	1	5493	1
6	5503	1	5495	1	5490	1	5509	1
7	5500	1	5499	0	5493	0	5490	1
8	5503	1	5491	1	5500	1	5498	1
9	5491	1	5504	1	5493	1	5503	0
10	5506	1	5508	1	5491	1	5494	1
11	5505	1	5499	1	5504	1	5497	1
12	5492	1	5496	0	5497	1	5506	0
13	5510	1	5491	1	5499	0	5491	1
14	5504	0	5500	1	5505	1	5507	0
15	5493	1	5494	1	5490	1	5496	1
16	5502	1	5506	1	5504	0	5491	1
17	5510	1	5504	1	5495	0	5510	1
18	5495	1	5493	1	5507	1	5506	1
19	5498	1	5509	0	5498	1	5492	0
20	5500	1	5499	1	5503	1	5500	0
21	5498	1	5497	1	5505	1	5495	1
22	5503	1	5503	0	5494	1	5493	1
23	5494	1	5493	0	5509	0	5508	1
24	5509	1	5490	1	5492	1	5492	0
25	5491	1	5494	1	5491	0	5502	1
26	5499	1	5498	0	5495	1	5505	1
27	5510	1	5507	1	5502	1	5501	1



Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
28	5501	1	5502	1	5496	0	5492	1
29	5496	1	5501	1	5493	1	5503	1
Probability:	96.7%		76.7%		73.3%		80.0%	
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	558.0	95	53010.0	Download	0	Type 2	4.1	195.0	28	5460.0
Download	1	Type 1	1.0	838.0	63	52794.0	Download	1	Type 2	1.7	202.0	24	4848.0
Download	2	Type 1	1.0	818.0	85	53170.0	Download	2	Type 2	4.0	166.0	28	4648.0
Download	3	Type 1	1.0	678.0	78	52894.0	Download	3	Type 2	4.8	227.0	29	6583.0
Download	4	Type 1	1.0	618.0	86	53148.0	Download	4	Type 2	3.6	177.0	27	4779.0
Download	5	Type 1	1.0	578.0	92	53176.0	Download	5	Type 2	1.8	194.0	24	4656.0
Download	6	Type 1	1.0	798.0	67	53466.0	Download	6	Type 2	2.9	226.0	26	5876.0
Download	7	Type 1	1.0	698.0	76	53048.0	Download	7	Type 2	4.2	205.0	28	5740.0
Download	8	Type 1	1.0	3066.0	18	55188.0	Download	8	Type 2	1.6	185.0	24	3960.0
Download	9	Type 1	1.0	658.0	81	53298.0	Download	9	Type 2	3.4	204.0	27	5508.0
Download	10	Type 1	1.0	758.0	70	53060.0	Download	10	Type 2	4.8	203.0	29	5887.0
Download	11	Type 1	1.0	518.0	102	52836.0	Download	11	Type 2	4.9	228.0	29	6612.0
Download	12	Type 1	1.0	638.0	83	52954.0	Download	12	Type 2	4.0	182.0	28	5096.0
Download	13	Type 1	1.0	538.0	99	53262.0	Download	13	Type 2	4.6	223.0	29	6467.0
Download	14	Type 1	1.0	718.0	74	53132.0	Download	14	Type 2	3.0	193.0	26	5018.0
Download	15	Type 1	1.0	868.0	61	52948.0	Download	15	Type 2	2.1	229.0	25	5725.0
Download	16	Type 1	1.0	2258.0	24	54192.0	Download	16	Type 2	4.0	184.0	28	5152.0
Download	17	Type 1	1.0	1332.0	40	53280.0	Download	17	Type 2	3.2	214.0	26	5564.0
Download	18	Type 1	1.0	633.0	84	53172.0	Download	18	Type 2	4.0	156.0	28	4368.0
Download	19	Type 1	1.0	1997.0	27	53919.0	Download	19	Type 2	2.6	221.0	25	5525.0
Download	20	Type 1	1.0	1018.0	52	52936.0	Download	20	Type 2	3.8	189.0	27	5103.0
Download	21	Type 1	1.0	1845.0	29	53505.0	Download	21	Type 2	4.1	163.0	28	4564.0
Download	22	Type 1	1.0	1926.0	28	53928.0	Download	22	Type 2	2.5	216.0	25	5400.0
Download	23	Type 1	1.0	737.0	72	53064.0	Download	23	Type 2	1.5	196.0	23	4508.0
Download	24	Type 1	1.0	1193.0	45	53695.0	Download	24	Type 2	2.3	217.0	25	5425.0
Download	25	Type 1	1.0	2185.0	25	54125.0	Download	25	Type 2	1.3	153.0	23	3519.0
Download	26	Type 1	1.0	1620.0	33	53460.0	Download	26	Type 2	1.0	157.0	23	3611.0
Download	27	Type 1	1.0	3048.0	18	54864.0	Download	27	Type 2	1.9	220.0	24	5280.0
Download	28	Type 1	1.0	1124.0	47	52828.0	Download	28	Type 2	2.5	191.0	25	4775.0
Download	29	Type 1	1.0	2997.0	18	53946.0	Download	29	Type 2	2.4	215.0	25	5375.0



Radar Type 3 - Radar Waveform							Radar Type 4 - Radar Waveform						
	Trial Id	Radar Type	Pulse Width (us)	PRF (us)	Number of Pulses	Waveform Length (us)		Trial Id	Radar Type	Pulse Width (us)	PRF (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.1	202.0	18	3636.0	Download	0	Type 4	17.9	202.0	15	3030.0
Download	1	Type 3	6.7	464.0	16	7424.0	Download	1	Type 4	12.6	464.0	12	5568.0
Download	2	Type 3	9.0	433.0	18	7794.0	Download	2	Type 4	17.8	433.0	15	6495.0
Download	3	Type 3	9.8	215.0	18	3670.0	Download	3	Type 4	19.6	215.0	16	3440.0
Download	4	Type 3	8.6	245.0	17	4165.0	Download	4	Type 4	16.9	245.0	15	3675.0
Download	5	Type 3	6.8	367.0	16	5872.0	Download	5	Type 4	12.8	367.0	13	4771.0
Download	6	Type 3	7.9	452.0	17	7684.0	Download	6	Type 4	15.3	452.0	14	6328.0
Download	7	Type 3	9.2	352.0	18	6336.0	Download	7	Type 4	18.2	352.0	16	5632.0
Download	8	Type 3	6.6	270.0	16	4320.0	Download	8	Type 4	12.4	270.0	12	3240.0
Download	9	Type 3	8.4	263.0	17	4471.0	Download	9	Type 4	16.4	263.0	15	3945.0
Download	10	Type 3	9.8	311.0	18	5598.0	Download	10	Type 4	19.6	311.0	16	4976.0
Download	11	Type 3	9.9	351.0	18	6318.0	Download	11	Type 4	19.7	351.0	16	5616.0
Download	12	Type 3	9.0	386.0	18	6948.0	Download	12	Type 4	17.8	386.0	15	5790.0
Download	13	Type 3	9.6	355.0	18	6390.0	Download	13	Type 4	19.1	355.0	16	5680.0
Download	14	Type 3	8.0	271.0	17	4607.0	Download	14	Type 4	15.6	271.0	14	3794.0
Download	15	Type 3	7.1	435.0	16	6960.0	Download	15	Type 4	13.6	435.0	13	5655.0
Download	16	Type 3	9.0	317.0	18	5706.0	Download	16	Type 4	17.8	317.0	15	4755.0
Download	17	Type 3	8.2	378.0	17	6426.0	Download	17	Type 4	16.0	378.0	14	5292.0
Download	18	Type 3	9.0	235.0	18	4230.0	Download	18	Type 4	17.6	235.0	15	3525.0
Download	19	Type 3	7.6	273.0	17	4641.0	Download	19	Type 4	14.6	273.0	14	3822.0
Download	20	Type 3	8.8	329.0	18	5922.0	Download	20	Type 4	17.2	329.0	15	4935.0
Download	21	Type 3	9.1	494.0	18	8892.0	Download	21	Type 4	18.0	494.0	15	7410.0
Download	22	Type 3	7.5	212.0	17	3604.0	Download	22	Type 4	14.4	212.0	13	2756.0
Download	23	Type 3	6.5	372.0	16	5952.0	Download	23	Type 4	12.2	372.0	12	4464.0
Download	24	Type 3	7.3	342.0	17	5814.0	Download	24	Type 4	14.0	342.0	13	4446.0
Download	25	Type 3	6.3	307.0	16	4912.0	Download	25	Type 4	11.7	307.0	12	3684.0
Download	26	Type 3	6.0	256.0	16	4096.0	Download	26	Type 4	11.0	256.0	12	3072.0
Download	27	Type 3	6.9	487.0	16	7792.0	Download	27	Type 4	13.1	487.0	13	6331.0
Download	28	Type 3	7.5	366.0	17	6222.0	Download	28	Type 4	14.5	366.0	13	4758.0
Download	29	Type 3	7.4	343.0	17	5831.0	Download	29	Type 4	14.2	343.0	13	4459.0



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	5493.6	1
1	5500	1	16	5496.8	1
2	5500	1	17	5495.2	1
3	5500	1	18	5496.4	1
4	5500	1	19	5494.4	1
5	5500	1	20	5504	1
6	5500	1	21	5503.2	1
7	5500	1	22	5505.6	1
8	5500	1	23	5507.2	1
9	5500	1	24	5506	1
10	5498	1	25	5507.6	1
11	5498	1	26	5508	1
12	5496.8	1	27	5506.8	1
13	5497.6	1	28	5505.6	1
14	5495.2	1	29	5506	1
Detection Percentage (%)			100.0%		

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)
3849.0	88.2	17	3	1042.0	2000.0	1535.0
174638.0	59.2	17	1	1755.0	-	-
344423.0	87.5	17	3	1027.0	1107.0	1634.0
513542.0	97.5	17	3	1766.0	1666.0	1927.0
685739.0	82.6	17	2	1989.0	1015.0	-
153591.0	60.3	17	1	1806.0	-	-
323878.0	73.8	17	2	1295.0	1541.0	-
492998.0	90.1	17	3	1352.0	1679.0	1783.0
665832.0	57.8	17	1	1850.0	-	-
132457.0	80.1	17	2	1297.0	1041.0	-
302227.0	97.6	17	3	1617.0	1555.0	1166.0
471707.0	97.9	17	3	1900.0	1879.0	1550.0
642474.0	87.8	17	3	1778.0	1336.0	1275.0
111143.0	94.5	17	3	1130.0	1405.0	1676.0
281956.0	75.5	17	2	1087.0	1537.0	-
453310.0	64.5	17	1	1395.0	-	-
621183.0	87.6	17	3	1808.0	1632.0	1327.0

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)
153827.0	77.7	7	2	1949.0	1163.0	-
443481.0	86.8	7	3	1469.0	1988.0	1350.0
734511.0	70.0	7	2	1623.0	1298.0	-
1023488.0	84.3	7	3	1701.0	1022.0	1777.0
117953.0	89.0	7	3	1141.0	1917.0	1246.0
408250.0	68.8	7	2	1736.0	1680.0	-
699462.0	57.0	7	1	1698.0	-	-
988826.0	66.9	7	2	1369.0	1857.0	-
82449.0	54.2	7	1	1150.0	-	-
373081.0	50.2	7	1	1559.0	-	-

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)	
389915.0	61.6	16	1	1858.0	-	-	
559695.0	69.3	16	2	1430.0	1644.0	-	
27356.0	67.6	16	2	1048.0	1584.0	-	
197654.0	81.0	16	2	1594.0	1972.0	-	
368934.0	57.5	16	1	1760.0	-	-	
537801.0	99.7	16	3	1399.0	1799.0	1047.0	
6330.0	93.6	16	3	1456.0	1903.0	1134.0	
177110.0	65.8	16	1	1827.0	-	-	
346622.0	96.1	16	3	1884.0	1205.0	1256.0	
516743.0	89.9	16	3	1530.0	1595.0	1252.0	
689864.0	55.0	16	1	1330.0	-	-	
155858.0	77.2	16	2	1314.0	1500.0	-	
325947.0	71.6	16	2	1991.0	1743.0	-	
497923.0	65.1	16	1	1353.0	-	-	
666046.0	86.2	16	3	1110.0	1699.0	1439.0	
134680.0	91.8	16	3	1028.0	1390.0	1307.0	
306142.0	57.1	16	1	1039.0	-	-	
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)	
403972.0	69.7	20	2	1344.0	1834.0	-	
547141.0	94.6	20	3	1282.0	1820.0	1793.0	
96389.0	91.5	20	3	1302.0	1478.0	1983.0	
241997.0	50.0	20	1	1687.0	-	-	
386071.0	99.0	20	3	1014.0	1112.0	1162.0	
532118.0	63.8	20	1	1796.0	-	-	
79039.0	54.1	20	1	1493.0	-	-	
224243.0	56.5	20	1	1366.0	-	-	
368214.0	73.4	20	2	1557.0	1781.0	-	
512939.0	86.7	20	3	1116.0	1144.0	1059.0	
61004.0	69.5	20	2	1843.0	1164.0	-	
205116.0	99.2	20	3	1619.0	1650.0	1702.0	
350201.0	90.4	20	3	1360.0	1019.0	1279.0	
495095.0	80.5	20	2	1513.0	1829.0	-	
43146.0	80.5	20	2	1788.0	1540.0	-	
187937.0	78.4	20	2	1652.0	1424.0	-	
333588.0	60.0	20	1	1501.0	-	-	
478572.0	62.2	20	1	1714.0	-	-	
25361.0	70.8	20	2	1281.0	1089.0	-	
169612.0	90.3	20	3	1772.0	1304.0	1729.0	

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)
393398.0	99.2	15	3	1571.0	1191.0	1459.0
573747.0	90.0	15	3	1326.0	1703.0	1875.0
9366.0	98.2	15	3	1083.0	1925.0	1453.0
190080.0	94.3	15	3	1749.0	1993.0	1118.0
372052.0	78.7	15	2	1201.0	1143.0	-
552291.0	79.4	15	2	1855.0	1964.0	-
734155.0	74.6	15	2	1408.0	1503.0	-
168258.0	82.6	15	2	1285.0	1629.0	-
350106.0	50.5	15	1	1511.0	-	-
531331.0	65.2	15	1	1944.0	-	-
713582.0	54.9	15	1	1079.0	-	-
145599.0	98.1	15	3	1529.0	1848.0	1280.0
326327.0	97.3	15	3	1627.0	1757.0	1367.0
509334.0	61.7	15	1	1428.0	-	-
688169.0	87.3	15	3	1589.0	1496.0	1287.0
123613.0	72.4	15	2	1659.0	1301.0	-

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)
488841.0	62.7	8	1	1865.0	-	-
779888.0	50.2	8	1	1156.0	-	-
1070172.0	62.7	8	1	1686.0	-	-
162528.0	55.5	8	1	1383.0	-	-
453345.0	63.4	8	1	1080.0	-	-
742988.0	74.4	8	2	1681.0	1224.0	-
1031569.0	84.1	8	3	1810.0	1898.0	1226.0
126730.0	63.0	8	1	1286.0	-	-
416642.0	74.1	8	2	1817.0	1805.0	-
707018.0	66.7	8	2	1618.0	1637.0	-

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)
712707.0	55.7	12	1	1877.0	-	-
64910.0	59.4	12	1	1346.0	-	-
271933.0	74.5	12	2	1490.0	1534.0	-
477811.0	98.8	12	3	1994.0	1525.0	1775.0
687211.0	61.5	12	1	1809.0	-	-
39331.0	52.9	12	1	1612.0	-	-
246977.0	65.4	12	1	1084.0	-	-
454300.0	51.5	12	1	1646.0	-	-
662283.0	57.9	12	1	1002.0	-	-
13762.0	79.7	12	2	1073.0	1237.0	-
220594.0	96.5	12	3	1677.0	1258.0	1277.0
427589.0	97.3	12	3	1072.0	1056.0	1819.0
635278.0	71.4	12	2	1309.0	1613.0	-
841720.0	69.5	12	2	1786.0	1880.0	-

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)
151485.0	89.2	17	3	1696.0	1566.0	1193.0
312430.0	71.5	17	2	1769.0	1969.0	-
474979.0	56.0	17	1	1261.0	-	-
636212.0	58.2	17	1	1417.0	-	-
132007.0	81.7	17	2	1060.0	1860.0	-
292913.0	71.4	17	2	1764.0	1322.0	-
455184.0	51.9	17	1	1140.0	-	-
615520.0	78.7	17	2	1147.0	1153.0	-
112061.0	93.2	17	3	1051.0	1381.0	1184.0
273792.0	58.1	17	1	1379.0	-	-
435276.0	65.6	17	1	1179.0	-	-
596647.0	59.7	17	1	1213.0	-	-
92224.0	99.5	17	3	1462.0	1093.0	1262.0
254011.0	65.2	17	1	1133.0	-	-
414287.0	76.8	17	2	1738.0	1216.0	-
575210.0	74.7	17	2	1276.0	1734.0	-
72683.0	55.9	17	1	1434.0	-	-
232817.0	85.1	17	3	1952.0	1438.0	1470.0

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)
711720.0	70.1	7	2	1050.0	1416.0	-
1002950.0	62.0	7	1	1523.0	-	-
95000.0	73.7	7	2	1451.0	1840.0	-
385768.0	65.1	7	1	1648.0	-	-
676482.0	58.0	7	1	1515.0	-	-
967565.0	51.7	7	1	1003.0	-	-
59354.0	53.6	7	1	1169.0	-	-
349892.0	52.0	7	1	1908.0	-	-
639772.0	82.7	7	2	1967.0	1241.0	-
928949.0	95.8	7	3	1260.0	1815.0	1526.0
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)
15674.0	53.7	14	1	1770.0	-	-
209230.0	57.6	14	1	1922.0	-	-
401971.0	76.0	14	2	1982.0	1560.0	-
596943.0	65.4	14	1	1127.0	-	-
789228.0	78.9	14	2	1284.0	1324.0	-
184795.0	93.3	14	3	1145.0	1741.0	1590.0
379048.0	66.3	14	1	1708.0	-	-
570692.0	92.0	14	3	1467.0	1711.0	1273.0
765665.0	68.3	14	2	1085.0	1254.0	-
161208.0	75.9	14	2	1663.0	1930.0	-
354807.0	81.3	14	2	1341.0	1251.0	-
548816.0	52.7	14	1	1700.0	-	-
742220.0	64.7	14	1	1926.0	-	-
137556.0	77.1	14	2	1609.0	1168.0	-
331334.0	66.3	14	1	1750.0	-	-

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)
393769.0	66.4	20	1	1209.0	-	-
536955.0	83.1	20	2	1602.0	1873.0	-
85454.0	51.7	20	1	1038.0	-	-
230674.0	53.4	20	1	1161.0	-	-
375739.0	50.1	20	1	1435.0	-	-
518953.0	74.7	20	2	1771.0	1912.0	-
67405.0	83.2	20	2	1176.0	1239.0	-
212179.0	73.7	20	2	1196.0	1668.0	-
357840.0	61.3	20	1	1463.0	-	-
501755.0	77.1	20	2	1441.0	1509.0	-
49652.0	59.4	20	1	1221.0	-	-
193693.0	95.9	20	3	1561.0	1693.0	1598.0
338886.0	74.0	20	2	1429.0	1924.0	-
485212.0	63.4	20	1	1354.0	-	-
31764.0	54.3	20	1	1203.0	-	-
176861.0	54.6	20	1	1645.0	-	-
321126.0	79.7	20	2	1688.0	1545.0	-
464308.0	88.7	20	3	1870.0	1552.0	1800.0
13880.0	56.2	20	1	1032.0	-	-
158813.0	74.9	20	2	1120.0	1175.0	-

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)
302638.0	85.6	20	3	1331.0	1803.0	1398.0
447735.0	82.2	20	2	1716.0	1914.0	-
594952.0	50.2	20	1	1034.0	-	-
140855.0	80.9	20	2	1294.0	1433.0	-
286536.0	56.2	20	1	1005.0	-	-
428985.0	99.0	20	3	1818.0	1259.0	1849.0
573324.0	84.8	20	3	1124.0	1811.0	1975.0
123362.0	56.4	20	1	1025.0	-	-
267892.0	80.1	20	2	1123.0	1553.0	-
413393.0	53.7	20	1	1763.0	-	-
557681.0	67.4	20	2	1211.0	1412.0	-
104742.0	97.3	20	3	1918.0	1662.0	1569.0
249556.0	96.7	20	3	1253.0	1483.0	1115.0
393657.0	98.9	20	3	1797.0	1174.0	1611.0
537884.0	91.7	20	3	1563.0	1489.0	1730.0
87321.0	68.6	20	2	1457.0	1300.0	-
232502.0	51.8	20	1	1907.0	-	-
376126.0	98.6	20	3	1504.0	1437.0	1235.0
521638.0	82.5	20	2	1026.0	1998.0	-
69433.0	71.0	20	2	1358.0	1792.0	-

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)
252050.0	70.5	17	2	1767.0	1761.0	-
421359.0	83.9	17	3	1813.0	1543.0	1892.0
594852.0	64.6	17	1	1021.0	-	-
60606.0	88.3	17	3	1977.0	1675.0	1248.0
231374.0	69.5	17	2	1486.0	1109.0	-
400301.0	97.4	17	3	1709.0	1824.0	1936.0
570761.0	92.3	17	3	1636.0	1223.0	1889.0
39803.0	78.5	17	2	1378.0	1067.0	-
210678.0	64.0	17	1	1547.0	-	-
380852.0	71.2	17	2	1649.0	1097.0	-
552645.0	51.5	17	1	1139.0	-	-
18809.0	64.0	17	1	1691.0	-	-
189724.0	58.5	17	1	1222.0	-	-
360292.0	52.1	17	1	1874.0	-	-
529542.0	80.8	17	2	1946.0	1910.0	-
699404.0	84.3	17	3	1214.0	1673.0	1371.0
168219.0	82.9	17	2	1481.0	1635.0	-

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)
303164.0	70.9	19	2	1106.0	1370.0	-
454765.0	97.3	19	3	1125.0	1375.0	1323.0
609672.0	51.2	19	1	1076.0	-	-
131359.0	90.0	19	3	1581.0	1291.0	1671.0
284273.0	76.8	19	2	1362.0	1328.0	-
435310.0	93.7	19	3	1987.0	1765.0	1081.0
590049.0	57.6	19	1	1916.0	-	-
113134.0	59.7	19	1	1722.0	-	-
265845.0	62.1	19	1	1838.0	-	-
416680.0	99.3	19	3	1759.0	1888.0	1044.0
570549.0	75.2	19	2	1121.0	1554.0	-
94185.0	71.8	19	2	1033.0	1574.0	-
245781.0	85.7	19	3	1992.0	1804.0	1230.0
399678.0	52.7	19	1	1973.0	-	-
551068.0	81.2	19	2	1740.0	1725.0	-
75579.0	56.2	19	1	1065.0	-	-
227451.0	85.2	19	3	1009.0	1826.0	1122.0
380976.0	54.3	19	1	1796.0	-	-
533907.0	51.6	19	1	1573.0	-	-

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)
76870.0	67.5	13	2	1445.0	1542.0	-
284500.0	61.9	13	1	1572.0	-	-
491969.0	61.3	13	1	1631.0	-	-
699212.0	58.8	13	1	1931.0	-	-
51454.0	56.6	13	1	1290.0	-	-
258842.0	56.3	13	1	1897.0	-	-
464499.0	92.4	13	3	1685.0	1713.0	1739.0
673938.0	58.8	13	1	1582.0	-	-
25881.0	52.1	13	1	1476.0	-	-
233405.0	53.4	13	1	1484.0	-	-
439453.0	88.7	13	3	1832.0	1008.0	1507.0
646176.0	94.5	13	3	1082.0	1984.0	1423.0
318.0	68.1	13	2	1063.0	1762.0	-
207733.0	57.3	13	1	1935.0	-	-

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)
527656.0	85.7	9	3	1355.0	1234.0	1345.0
792309.0	80.9	9	2	1420.0	1103.0	-
1056926.0	51.2	9	1	1854.0	-	-
231729.0	81.2	9	2	1683.0	1443.0	-
495918.0	81.1	9	2	1308.0	1012.0	-
758250.0	93.8	9	3	1450.0	1682.0	1603.0
1022573.0	90.2	9	3	1066.0	1105.0	1616.0
199453.0	57.0	9	1	1921.0	-	-
463091.0	78.6	9	2	1402.0	1638.0	-
727715.0	57.3	9	1	1871.0	-	-
989544.0	98.2	9	3	1249.0	1386.0	1758.0

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)
107787.0	67.1	17	2	1272.0	1409.0	-
278931.0	56.7	17	1	1178.0	-	-
448317.0	78.3	17	2	1641.0	1929.0	-
618804.0	68.4	17	2	1780.0	1615.0	-
86781.0	70.4	17	2	1333.0	1332.0	-
257920.0	57.7	17	1	1064.0	-	-
427516.0	73.3	17	2	1794.0	1480.0	-
596550.0	97.9	17	3	1018.0	1985.0	1881.0
65777.0	79.1	17	2	1431.0	1194.0	-
236227.0	66.7	17	2	1069.0	1890.0	-
406827.0	71.0	17	2	1678.0	1075.0	-
578148.0	59.5	17	1	1791.0	-	-
44609.0	88.4	17	3	1919.0	1746.0	1449.0
214808.0	94.7	17	3	1384.0	1847.0	1098.0
385050.0	83.6	17	3	1303.0	1382.0	1475.0
555012.0	84.5	17	3	1640.0	1392.0	1415.0
23707.0	84.9	17	3	1068.0	1266.0	1812.0
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)
220666.0	55.4	13	1	1396.0	-	-
414327.0	56.3	13	1	1444.0	-	-
606701.0	73.4	13	2	1447.0	1707.0	-
3121.0	54.7	13	1	1506.0	-	-
196855.0	57.1	13	1	1206.0	-	-
390221.0	64.4	13	1	1955.0	-	-
584439.0	50.0	13	1	1043.0	-	-
775707.0	71.9	13	2	1628.0	1986.0	-
172752.0	79.9	13	2	1092.0	1219.0	-
365783.0	75.1	13	2	1823.0	1432.0	-
559924.0	54.1	13	1	1966.0	-	-
753920.0	60.6	13	1	1491.0	-	-
149123.0	61.4	13	1	1232.0	-	-
342656.0	60.5	13	1	1684.0	-	-
534047.0	83.4	13	3	1670.0	1539.0	1787.0

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)
643550.0	54.0	16	1	2000.0	-	-
110419.0	60.7	16	1	1756.0	-	-
279847.0	89.5	16	3	1695.0	1774.0	1656.0
450910.0	99.7	16	3	1210.0	1159.0	1031.0
622558.0	64.1	16	1	1960.0	-	-
89042.0	90.4	16	3	1488.0	1723.0	1242.0
259508.0	81.8	16	2	1614.0	1899.0	-
429451.0	95.7	16	3	1414.0	1149.0	1610.0
602077.0	65.3	16	1	1318.0	-	-
68104.0	96.6	16	3	1220.0	1524.0	1528.0
237905.0	89.0	16	3	1721.0	1906.0	1712.0
408260.0	90.7	16	3	1626.0	1839.0	1099.0
581174.0	64.7	16	1	1142.0	-	-
47237.0	71.4	16	2	1006.0	1878.0	-
218092.0	62.8	16	1	1737.0	-	-
387980.0	86.5	16	3	1074.0	1010.0	1263.0
557683.0	97.5	16	3	1045.0	1895.0	1268.0

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)
34379.0	59.3	11	1	1887.0	-	-
257920.0	55.3	11	1	1446.0	-	-
481364.0	51.6	11	1	1600.0	-	-
703852.0	72.2	11	2	1195.0	1710.0	-
6834.0	84.0	11	3	1902.0	1830.0	1461.0
229558.0	93.4	11	3	1913.0	1807.0	1040.0
453770.0	60.0	11	1	1732.0	-	-
675601.0	92.3	11	3	1835.0	1070.0	1036.0
898829.0	78.3	11	2	1689.0	1937.0	-
202265.0	96.6	11	3	1244.0	1455.0	1421.0
424975.0	90.5	11	3	1427.0	1466.0	1586.0
648866.0	82.7	11	2	1197.0	1719.0	-
872076.0	69.2	11	2	1403.0	1468.0	-

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)
141790.0	87.3	15	3	1630.0	1536.0	1465.0
323301.0	67.6	15	2	1706.0	1227.0	-
505208.0	56.2	15	1	1866.0	-	-
684123.0	87.6	15	3	1363.0	1779.0	1482.0
120055.0	55.5	15	1	1311.0	-	-
301208.0	77.7	15	2	1029.0	1343.0	-
482842.0	55.1	15	1	1891.0	-	-
661569.0	84.0	15	3	1867.0	1606.0	1474.0
97496.0	70.3	15	2	1728.0	1058.0	-
278267.0	94.5	15	3	1356.0	1269.0	1374.0
460264.0	73.6	15	2	1186.0	1077.0	-
642399.0	60.7	15	1	1348.0	-	-
75257.0	58.0	15	1	1956.0	-	-
256983.0	58.2	15	1	1078.0	-	-
437478.0	68.1	15	2	1556.0	1472.0	-
618977.0	73.8	15	2	1128.0	1495.0	-

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)
46832.0	85.3	17	3	1419.0	1851.0	1288.0
208409.0	50.4	17	1	1380.0	-	-
368792.0	67.0	17	2	1893.0	1233.0	-
528415.0	88.6	17	3	1934.0	1337.0	1492.0
27183.0	56.6	17	1	1347.0	-	-
188405.0	51.3	17	1	1837.0	-	-
349672.0	56.1	17	1	1790.0	-	-
510878.0	58.9	17	1	1852.0	-	-
7301.0	61.1	17	1	1856.0	-	-
168372.0	70.0	17	2	1514.0	1000.0	-
329396.0	67.3	17	2	1023.0	1599.0	-
490050.0	79.5	17	2	1199.0	1962.0	-
652648.0	57.3	17	1	1452.0	-	-
148071.0	85.8	17	3	1190.0	1385.0	1995.0
309115.0	93.8	17	3	1321.0	1158.0	1095.0
469025.0	91.4	17	3	1440.0	1844.0	1575.0
632293.0	62.9	17	1	1959.0	-	-
128318.0	96.2	17	3	1454.0	1325.0	1653.0

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)
435804.0	59.3	11	1	1129.0	-	-
677281.0	71.4	11	2	1091.0	1188.0	-
917728.0	84.4	11	3	1270.0	1104.0	1567.0
163345.0	77.1	11	2	1361.0	1970.0	-
405777.0	65.8	11	1	1588.0	-	-
646021.0	85.2	11	3	1601.0	1401.0	1517.0
888802.0	81.4	11	2	1692.0	1317.0	-
133856.0	63.5	11	1	1200.0	-	-
374733.0	89.0	11	3	1718.0	1753.0	1349.0
618130.0	60.9	11	1	1533.0	-	-
858878.0	78.0	11	2	1546.0	1625.0	-
104035.0	61.5	11	1	1030.0	-	-

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)
461226.0	75.9	7	2	1173.0	1726.0	-
782607.0	85.2	7	3	1938.0	1776.0	1377.0
1105247.0	91.9	7	3	1477.0	1816.0	1198.0
98812.0	68.5	7	2	1744.0	1108.0	-
420904.0	93.1	7	3	1473.0	1278.0	1968.0
743281.0	96.2	7	3	1342.0	1135.0	1980.0
1066865.0	73.4	7	2	1339.0	1510.0	-
59021.0	94.2	7	3	1170.0	1283.0	1387.0
382087.0	62.6	7	1	1672.0	-	-

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)
526986.0	86.0	10	3	1570.0	1724.0	1372.0
771010.0	61.5	10	1	1267.0	-	-
14454.0	97.4	10	3	1643.0	1215.0	1622.0
256060.0	76.5	10	2	1905.0	1947.0	-
497311.0	85.5	10	3	1238.0	1948.0	1359.0
741236.0	60.4	10	1	1182.0	-	-
981623.0	75.7	10	2	1950.0	1119.0	-
226342.0	76.6	10	2	1752.0	1920.0	-
467774.0	84.6	10	3	1231.0	1841.0	1046.0
711148.0	50.6	10	1	1532.0	-	-
952025.0	82.2	10	2	1185.0	1690.0	-
196319.0	97.8	10	3	1882.0	1568.0	1531.0

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)
585915.0	61.9	6	1	1204.0	-	-
906431.0	98.9	6	3	1596.0	1961.0	1410.0
1229763.0	96.8	6	3	1368.0	1247.0	1096.0
222474.0	89.4	6	3	1565.0	1583.0	1406.0
546102.0	58.1	6	1	1243.0	-	-
867474.0	84.6	6	3	1052.0	1315.0	1485.0
1190964.0	81.9	6	2	1100.0	1580.0	-
183259.0	57.2	6	1	1057.0	-	-
505231.0	93.2	6	3	1004.0	1289.0	1782.0
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)
932770.0	62.3	5	1	1853.0	-	-
1294406.0	95.3	5	3	1217.0	1502.0	1113.0
161133.0	80.9	5	2	1974.0	1605.0	-
523790.0	99.6	5	3	1727.0	1114.0	1516.0
886683.0	94.2	5	3	1132.0	1674.0	1293.0
1250682.0	82.1	5	2	1551.0	1117.0	-
116285.0	87.7	5	3	1894.0	1802.0	1720.0
479388.0	88.9	5	3	1171.0	1212.0	1102.0

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)
611741.0	92.8	8	3	1157.0	1607.0	1316.0
874978.0	97.7	8	3	1608.0	1393.0	1518.0
52138.0	68.0	8	2	1527.0	1591.0	-
315728.0	68.8	8	2	1971.0	1953.0	-
579384.0	83.5	8	3	1394.0	1407.0	1071.0
844067.0	73.4	8	2	1218.0	1310.0	-
19674.0	59.8	8	1	1296.0	-	-
283062.0	87.1	8	3	1864.0	1745.0	1055.0
547981.0	50.6	8	1	1742.0	-	-
811285.0	80.4	8	2	1731.0	1155.0	-
1075618.0	74.8	8	2	1391.0	1037.0	-

Type 5 Radar Waveform_28

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
212694.0	55.6	11	1	1177.0	-	-
435061.0	86.9	11	3	1126.0	1400.0	1236.0
659474.0	54.4	11	1	1735.0	-	-
882835.0	60.2	11	1	1833.0	-	-
184425.0	95.8	11	3	1013.0	1814.0	1978.0
408715.0	63.8	11	1	1240.0	-	-
632213.0	63.9	11	1	1351.0	-	-
852755.0	86.4	11	3	1187.0	1943.0	1458.0
157077.0	95.1	11	3	1020.0	1911.0	1373.0
380542.0	79.2	11	2	1250.0	1522.0	-
602815.0	84.9	11	3	1167.0	1138.0	1885.0
828177.0	61.5	11	1	1404.0	-	-
129510.0	91.5	11	3	1773.0	1896.0	1487.0

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)
382027.0	87.0	10	3	1471.0	1365.0	1320.0
624636.0	69.5	10	2	1274.0	1148.0	-
866272.0	73.6	10	2	1479.0	1299.0	-
111061.0	66.3	10	1	1389.0	-	-
353283.0	66.4	10	1	1312.0	-	-
594204.0	76.9	10	2	1901.0	1578.0	-
834890.0	91.4	10	3	1538.0	1512.0	1624.0
81085.0	78.3	10	2	1499.0	1657.0	-
322112.0	88.0	10	3	1669.0	1863.0	1904.0
563642.0	87.8	10	3	1965.0	1264.0	1647.0
805457.0	91.8	10	3	1146.0	1694.0	1460.0
51394.0	52.9	10	1	1422.0	-	-



Radar Type 6 - Radar Statistical Performance			
Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
0	1	16	1
1	1	17	1
2	1	18	1
3	1	19	1
4	1	20	1
5	1	21	1
6	1	22	1
7	1	23	1
8	1	24	1
9	1	25	1
10	1	26	1
11	1	27	1
12	0	28	1
13	1	29	1
14	1	30	1
Detection Percentage (%)		96.7%	

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5599	5628	5545	5251	5267
5	5505	5516	5659	5535	5609
10	5439	5716	5523	5371	5420
15	5619	5503	5310	5351	5386
20	5639	5488	5511	5497	5724
25	5517	5694	5681	5472	5372
30	5538	5672	5717	5406	5658
35	5636	5541	5584	5317	5518
40	5320	5426	5254	5409	5531
45	5432	5388	5429	5260	5470
50	5450	5298	5307	5487	5284
55	5479	5621	5506	5690	5646
60	5410	5723	5391	5312	5708
65	5687	5451	5666	5604	5435
70	5662	5542	5476	5515	5671
75	5561	5338	5624	5282	5644
80	5504	5328	5318	5553	5399
85	5363	5589	5508	5326	5667
90	5374	5674	5269	5416	5430
95	5366	5425	5502	5294	5684

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5379	5392	5481	5315	5487
5	5644	5538	5259	5668	5267
10	5443	5703	5282	5621	5508
15	5271	5606	5258	5543	5297
20	5708	5429	5600	5470	5673
25	5720	5323	5715	5514	5358
30	5398	5491	5604	5700	5349
35	5337	5262	5328	5357	5403
40	5364	5494	5406	5363	5412
45	5471	5313	5523	5346	5626
50	5396	5688	5667	5575	5696
55	5661	5300	5432	5555	5692
60	5477	5513	5533	5647	5519
65	5343	5562	5287	5652	5453
70	5411	5511	5596	5658	5338
75	5594	5345	5641	5441	5407
80	5584	5388	5510	5518	5450
85	5611	5312	5493	5683	5679
90	5391	5254	5350	5314	5409
95	5469	5623	5500	5506	5532

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5537	5631	5417	5476	5329
5	5686	5463	5334	5356	5571
10	5374	5492	5323	5341	5413
15	5596	5301	5709	5303	5260
20	5305	5399	5467	5592	5443
25	5622	5525	5448	5524	5274
30	5556	5722	5355	5530	5643
35	5424	5364	5440	5705	5512
40	5717	5671	5486	5302	5259
45	5403	5292	5392	5554	5545
50	5366	5313	5600	5327	5400
55	5485	5511	5550	5380	5529
60	5411	5362	5632	5332	5265
65	5377	5387	5518	5520	5336
70	5482	5683	5351	5613	5365
75	5359	5638	5415	5680	5580
80	5480	5716	5326	5633	5590
85	5372	5375	5477	5505	5636
90	5407	5426	5702	5386	5404
95	5384	5607	5363	5499	5694

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5317	5492	5353	5637	5549
5	5253	5485	5409	5519	5303
10	5683	5281	5364	5536	5434
15	5587	5428	5715	5348	5452
20	5313	5468	5408	5681	5416
25	5413	5474	5651	5628	5308
30	5695	5611	5312	5270	5417
35	5622	5503	5531	5501	5665
40	5631	5510	5666	5402	5400
45	5599	5372	5506	5419	5675
50	5476	5451	5574	5334	5397
55	5471	5483	5601	5559	5461
60	5430	5322	5694	5441	5466
65	5537	5431	5719	5561	5643
70	5528	5624	5515	5529	5363
75	5539	5352	5361	5711	5482
80	5544	5568	5635	5356	5310
85	5365	5411	5351	5455	5632
90	5330	5505	5350	5422	5522
95	5318	5585	5641	5690	5669

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5572	5256	5289	5323	5391
5	5295	5410	5484	5585	5510
10	5614	5545	5405	5455	5675
15	5555	5343	5393	5266	5699
20	5634	5349	5673	5389	5301
25	5326	5282	5257	5342	5262
30	5597	5269	5485	5569	5442
35	5642	5622	5297	5446	5274
40	5653	5397	5528	5352	5720
45	5564	5472	5465	5679	5502
50	5663	5632	5341	5659	5437
55	5316	5378	5477	5590	5595
60	5364	5526	5267	5412	5360
65	5380	5658	5300	5600	5707
70	5518	5717	5498	5321	5384
75	5515	5692	5522	5495	5708
80	5631	5551	5688	5682	5374
85	5514	5694	5409	5625	5596
90	5511	5665	5610	5434	5539
95	5419	5399	5483	5627	5303

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5352	5495	5700	5484	5611
5	5434	5432	5559	5273	5717
10	5545	5431	5446	5451	5476
15	5288	5682	5341	5458	5707
20	5703	5387	5287	5362	5567
25	5275	5485	5361	5376	5304
30	5486	5701	5603	5343	5640
35	5684	5713	5568	5593	5556
40	5285	5357	5591	5407	5491
45	5457	5332	5328	5622	5525
50	5380	5553	5374	5358	5663
55	5372	5391	5506	5672	5448
60	5719	5309	5455	5561	5329
65	5694	5570	5627	5294	5693
70	5521	5702	5668	5504	5673
75	5299	5605	5397	5316	5532
80	5271	5688	5524	5609	5659
85	5460	5653	5348	5286	5614
90	5699	5492	5543	5474	5383
95	5478	5606	5406	5562	5308

Type 6 Radar Waveform_6					
Frequency List (MHz)	0	1	2	3	4
0	5510	5259	5636	5645	5453
5	5476	5357	5634	5436	5546
10	5379	5695	5487	5549	5497
15	5376	5334	5386	5650	5715
20	5394	5328	5279	5335	5455
25	5602	5688	5562	5410	5443
30	5472	5658	5343	5495	5460
35	5348	5426	5461	5271	5470
40	5599	5440	5529	5550	5488
45	5289	5312	5411	5583	5481
50	5617	5482	5556	5604	5463
55	5656	5607	5560	5723	5491
60	5419	5373	5450	5254	5287
65	5401	5384	5278	5255	5435
70	5462	5430	5366	5679	5621
75	5454	5669	5416	5637	5624
80	5704	5654	5551	5449	5561
85	5563	5591	5397	5326	5527
90	5414	5643	5451	5620	5374
95	5652	5573	5367	5509	5382

Type 6 Radar Waveform_7					
Frequency List (MHz)	0	1	2	3	4
0	5290	5498	5572	5331	5673
5	5518	5379	5709	5599	5278
10	5310	5484	5625	5269	5367
15	5364	5652	5431	5723	5560
20	5368	5308	5721	5454	5416
25	5666	5444	5485	5361	5615
30	5558	5280	5487	5517	5257
35	5424	5384	5438	5620	5370
40	5315	5693	5670	5494	5641
45	5534	5504	5358	5655	5552
50	5479	5273	5677	5314	5688
55	5293	5405	5296	5594	5317
60	5347	5585	5702	5669	5645
65	5708	5535	5665	5624	5303
70	5375	5509	5275	5635	5328
75	5253	5705	5628	5442	5526
80	5283	5305	5457	5492	5465
85	5577	5366	5616	5626	5634
90	5664	5687	5584	5448	5274
95	5467	5612	5580	5353	5649

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5545	5262	5508	5395	5515
5	5560	5304	5309	5665	5485
10	5716	5273	5666	5464	5539
15	5455	5491	5658	5476	5559
20	5634	5629	5307	5360	5281
25	5609	5403	5619	5295	5478
30	5527	5250	5572	5298	5421
35	5529	5608	5528	5674	5374
40	5703	5308	5555	5482	5525
45	5650	5577	5699	5587	5294
50	5709	5336	5706	5641	5302
55	5398	5461	5631	5504	5507
60	5264	5534	5305	5426	5715
65	5293	5311	5651	5705	5477
70	5511	5607	5724	5627	5621
75	5334	5292	5418	5616	5580
80	5363	5486	5317	5505	5523
85	5494	5622	5420	5613	5419
90	5350	5661	5306	5632	5704
95	5516	5639	5432	5647	5349

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5325	5501	5444	5556	5260
5	5699	5326	5384	5353	5314
10	5550	5537	5707	5659	5560
15	5543	5618	5286	5424	5276
20	5642	5320	5723	5449	5254
25	5497	5255	5347	5399	5512
30	5666	5711	5529	5416	5670
35	5298	5668	5421	5352	5309
40	5688	5311	5721	5479	5454
45	5630	5660	5640	5656	5585
50	5282	5503	5720	5649	5694
55	5710	5663	5470	5661	5258
60	5541	5336	5609	5600	5644
65	5687	5419	5301	5259	5252
70	5476	5500	5293	5447	5412
75	5464	5597	5473	5267	5481
80	5665	5520	5673	5397	5561
85	5383	5330	5703	5598	5471
90	5641	5310	5545	5328	5343
95	5591	5639	5594	5496	5316

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5483	5265	5380	5717	5577
5	5266	5251	5459	5516	5521
10	5481	5326	5273	5379	5581
15	5631	5270	5389	5469	5468
20	5650	5664	5441	5702	5288
25	5679	5453	5503	5546	5708
30	5600	5486	5347	5496	5332
35	5315	5692	5505	5698	5527
40	5394	5659	5463	5573	5383
45	5610	5268	5718	5693	5446
50	5364	5688	5333	5539	5409
55	5523	5681	5317	5635	5606
60	5662	5367	5282	5335	5549
65	5680	5519	5689	5495	5373
70	5720	5352	5325	5476	5252
75	5319	5532	5607	5578	5512
80	5645	5253	5420	5393	5300
85	5403	5443	5522	5668	5424
90	5371	5636	5675	5658	5419
95	5263	5274	5497	5307	5321

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5263	5504	5316	5403	5322
5	5308	5273	5534	5679	5253
10	5412	5687	5314	5477	5602
15	5719	5397	5492	5514	5282
20	5561	5555	5702	5530	5675
25	5651	5531	5656	5704	5580
30	5275	5489	5443	5371	5596
35	5471	5406	5488	5280	5709
40	5366	5574	5597	5703	5570
45	5690	5590	5351	5301	5271
50	5333	5715	5389	5384	5624
55	5511	5453	5493	5599	5342
60	5446	5325	5648	5494	5290
65	5633	5498	5716	5254	5581
70	5298	5445	5328	5355	5552
75	5452	5686	5288	5652	5559
80	5289	5304	5712	5417	5685
85	5300	5617	5536	5475	5619
90	5402	5326	5272	5612	5540
95	5528	5377	5329	5481	5438

Type 6 Radar Waveform_12					
Frequency List (MHz)	0	1	2	3	4
0	5518	5268	5252	5564	5639
5	5350	5673	5512	5270	5557
10	5721	5476	5355	5672	5623
15	5710	5427	5595	5559	5474
20	5569	5624	5643	5522	5648
25	5442	5383	5384	5333	5614
30	5414	5475	5400	5586	5273
35	5514	5513	5594	5284	5433
40	5680	5657	5535	5468	5567
45	5619	5570	5434	5262	5702
50	5598	5591	5565	5435	5447
55	5455	5641	5314	5636	5526
60	5478	5490	5593	5326	5649
65	5359	5655	5561	5376	5576
70	5401	5428	5645	5635	5297
75	5321	5637	5541	5609	5560
80	5405	5678	5659	5466	5334
85	5501	5429	5392	5600	5491
90	5278	5646	5325	5540	5394
95	5465	5336	5652	5339	5304

Type 6 Radar Waveform_13					
Frequency List (MHz)	0	1	2	3	4
0	5298	5507	5663	5250	5384
5	5489	5695	5587	5433	5289
10	5652	5265	5396	5392	5644
15	5323	5554	5601	5666	5577
20	5315	5584	5611	5621	5330
25	5332	5437	5551	5456	5364
30	5357	5704	5522	5334	5685
35	5586	5537	5616	5473	5708
40	5564	5451	5453	5517	5320
45	5280	5485	5467	5266	5486
50	5270	5302	5354	5401	5407
55	5455	5497	5607	5655	5538
60	5633	5514	5692	5657	5493
65	5691	5296	5646	5379	5686
70	5300	5458	5404	5604	5464
75	5618	5318	5719	5341	5565
80	5539	5411	5600	5581	5501
85	5429	5369	5383	5640	5420
90	5656	5284	5583	5682	5649
95	5439	5546	5709	5525	5399

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5553	5271	5599	5411	5701
5	5531	5620	5662	5596	5496
10	5486	5529	5534	5587	5665
15	5681	5704	5552	5383	5488
20	5384	5525	5603	5594	5659
25	5315	5541	5585	5498	5253
30	5314	5444	5674	5629	5316
35	5301	5448	5361	5548	5455
40	5445	5376	5561	5380	5433
45	5600	5378	5333	5275	5721
50	5442	5537	5419	5471	5542
55	5355	5597	5652	5468	5261
60	5345	5483	5562	5340	5638
65	5630	5538	5657	5286	5461
70	5574	5563	5476	5440	5510
75	5473	5354	5254	5602	5408
80	5320	5581	5489	5621	5334
85	5434	5618	5346	5387	5617
90	5467	5283	5428	5494	5530
95	5607	5504	5260	5509	5517

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5711	5510	5535	5572	5446
5	5573	5642	5262	5284	5325
10	5417	5318	5575	5307	5686
15	5499	5333	5332	5597	5496
20	5550	5563	5692	5567	5484
25	5608	5421	5267	5619	5637
30	5714	5271	5659	5448	5352
35	5358	5392	5719	5514	5462
40	5294	5528	5252	5616	5655
45	5309	5413	5683	5339	5386
50	5618	5588	5508	5568	5255
55	5312	5471	5342	5390	5525
60	5394	5641	5584	5391	5666
65	5338	5363	5452	5369	5561
70	5326	5259	5522	5445	5560
75	5653	5580	5250	5367	5378
80	5321	5665	5405	5612	5282
85	5677	5388	5564	5438	5511
90	5393	5554	5349	5295	5549
95	5505	5486	5555	5589	5721

Type 6 Radar Waveform_16					
Frequency List (MHz)	0	1	2	3	4
0	5491	5274	5471	5636	5288
5	5615	5567	5337	5447	5532
10	5348	5679	5616	5405	5707
15	5490	5363	5435	5545	5292
20	5504	5619	5684	5540	5372
25	5460	5624	5371	5653	5603
30	5703	5399	5600	5647	5497
35	5483	5612	5667	5376	5608
40	5611	5665	5381	5652	5393
45	5291	5397	5439	5427	5473
50	5319	5639	5597	5592	5512
55	5346	5263	5502	5290	5313
60	5519	5675	5470	5701	5564
65	5627	5407	5340	5702	5645
70	5700	5641	5621	5355	5650
75	5710	5481	5317	5680	5699
80	5561	5477	5634	5485	5350
85	5305	5332	5387	5599	5433
90	5642	5676	5588	5706	5404
95	5559	5604	5595	5403	5365

Type 6 Radar Waveform_17					
Frequency List (MHz)	0	1	2	3	4
0	5271	5513	5407	5322	5508
5	5279	5589	5412	5264	5657
10	5468	5600	5253	5578	5490
15	5538	5590	5484	5415	5310
20	5445	5298	5610	5638	5312
25	5352	5475	5687	5721	5660
30	5517	5374	5370	5636	5671
35	5408	5442	5387	5544	5694
40	5603	5524	5649	5545	5373
45	5455	5492	5314	5252	5495
50	5690	5686	5359	5534	5692
55	5487	5284	5648	5365	5533
60	5390	5573	5608	5289	5641
65	5380	5444	5693	5341	5664
70	5499	5440	5286	5325	5367
75	5542	5587	5512	5413	5302
80	5527	5625	5510	5393	5585
85	5456	5366	5405	5525	5491
90	5576	5659	5579	5398	5722
95	5476	5682	5670	5502	5656

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5526	5277	5343	5483	5350
5	5321	5514	5487	5676	5568
10	5588	5257	5698	5320	5274
15	5666	5617	5544	5635	5423
20	5476	5290	5583	5261	5555
25	5579	5721	5288	5478	5665
30	5300	5287	5679	5595	5301
35	5383	5399	5541	5289	5646
40	5377	5353	5457	5416	5545
45	5603	5671	5266	5397	5616
50	5303	5722	5549	5407	5306
55	5633	5680	5530	5365	5691
60	5519	5431	5713	5677	5687
65	5387	5327	5667	5348	5662
70	5255	5413	5523	5531	5600
75	5293	5336	5299	5380	5535
80	5720	5475	5444	5358	5654
85	5508	5559	5373	5525	5593
90	5714	5563	5296	5701	5302
95	5497	5499	5683	5567	5504

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5684	5613	5279	5644	5570
5	5363	5536	5562	5364	5300
10	5519	5521	5264	5515	5295
15	5269	5647	5680	5490	5431
20	5545	5424	5379	5556	5317
25	5588	5283	5305	5280	5427
30	5367	5574	5472	5388	5342
35	5378	5475	5273	5690	5697
40	5482	5479	5529	5643	5306
45	5333	5540	5474	5501	5466
50	5372	5486	5439	5625	5435
55	5503	5597	5600	5604	5334
60	5695	5402	5294	5614	5465
65	5632	5662	5616	5422	5657
70	5525	5459	5410	5292	5672
75	5638	5358	5602	5468	5504
80	5308	5710	5549	5405	5539
85	5296	5442	5668	5319	5498
90	5437	5343	5398	5606	5696
95	5514	5593	5633	5634	5610

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5464	5377	5690	5330	5412
5	5502	5461	5637	5527	5507
10	5353	5310	5305	5710	5316
15	5270	5396	5275	5628	5682
20	5342	5711	5365	5371	5529
25	5680	5537	5389	5409	5314
30	5469	5531	5687	5452	5683
35	5481	5368	5523	5701	5536
40	5565	5417	5294	5640	5691
45	5623	5532	5554	5256	5355
50	5548	5575	5262	5569	5457
55	5419	5463	5385	5347	5601
60	5440	5508	5455	5611	5652
65	5254	5706	5295	5424	5614
70	5317	5571	5588	5699	5485
75	5723	5293	5259	5668	5636
80	5558	5629	5308	5449	5379
85	5672	5386	5520	5530	5515
90	5268	5724	5349	5567	5562
95	5526	5692	5395	5356	5487

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5719	5616	5626	5491	5632
5	5544	5483	5712	5593	5714
10	5284	5671	5346	5333	5337
15	5358	5426	5378	5673	5399
20	5350	5305	5403	5460	5502
25	5471	5389	5592	5513	5348
30	5511	5717	5488	5330	5701
35	5406	5620	5560	5639	5676
40	5615	5375	5270	5355	5437
45	5259	5542	5706	5493	5607
50	5618	5609	5724	5419	5664
55	5416	5336	5411	5405	5546
60	5550	5292	5433	5363	5454
65	5656	5688	5464	5344	5509
70	5700	5382	5395	5273	5276
75	5443	5708	5563	5715	5586
80	5258	5287	5668	5571	5478
85	5521	5651	5530	5492	5551
90	5526	5564	5300	5280	5266
95	5404	5612	5465	5541	5629

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5499	5380	5562	5652	5474
5	5586	5408	5312	5281	5543
10	5593	5460	5484	5528	5358
15	5446	5553	5481	5718	5591
20	5471	5344	5549	5475	5359
25	5716	5320	5617	5382	5650
30	5606	5445	5545	5378	5701
35	5662	5651	5435	5354	5529
40	5311	5353	5671	5677	5256
45	5314	5551	5660	5485	5425
50	5470	5375	5286	5360	5427
55	5365	5595	5420	5721	5715
60	5334	5265	5664	5400	5509
65	5627	5296	5614	5297	5368
70	5398	5597	5469	5710	5412
75	5413	5544	5492	5468	5367
80	5422	5350	5665	5649	5417
85	5441	5616	5454	5303	5690
90	5532	5501	5657	5389	5283
95	5459	5596	5363	5423	5257

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5279	5619	5498	5716	5694
5	5628	5430	5387	5444	5275
10	5524	5724	5525	5723	5379
15	5534	5680	5487	5288	5308
20	5269	5540	5285	5541	5448
25	5625	5665	5523	5343	5416
30	5692	5592	5402	5627	5521
35	5326	5364	5328	5507	5436
40	5609	5442	5253	5303	5631
45	5397	5713	5295	5361	5601
50	5464	5584	5682	5615	5319
55	5310	5254	5391	5278	5405
60	5572	5490	5443	5458	5663
65	5506	5590	5466	5451	5401
70	5446	5445	5669	5284	5376
75	5459	5481	5623	5489	5510
80	5662	5369	5474	5259	5544
85	5536	5484	5408	5551	5406
90	5635	5535	5539	5300	5514
95	5677	5261	5360	5433	5583

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5437	5383	5434	5402	5439
5	5292	5355	5462	5607	5482
10	5455	5513	5566	5443	5400
15	5525	5332	5590	5711	5500
20	5277	5706	5323	5630	5421
25	5517	5251	5447	5450	5259
30	5481	5359	5304	5719	5465
35	5599	5282	5454	5464	5519
40	5547	5682	5250	5707	5611
45	5480	5667	5291	5560	5712
50	5302	5572	5553	5407	5626
55	5328	5273	5451	5362	5570
60	5699	5501	5413	5389	5406
65	5338	5301	5393	5538	5673
70	5628	5253	5496	5602	5506
75	5521	5591	5404	5653	5573
80	5659	5564	5377	5576	5507
85	5449	5459	5324	5708	5571
90	5641	5472	5510	5414	5569
95	5661	5256	5284	5463	5631

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5692	5622	5370	5563	5281
5	5334	5377	5537	5673	5311
10	5289	5302	5607	5638	5421
15	5613	5459	5693	5285	5300
20	5264	5394	5401	5466	5357
25	5551	5484	5398	5316	5618
30	5553	5539	5604	5546	5395
35	5435	5368	5303	5699	5485
40	5350	5722	5636	5591	5628
45	5447	5491	5478	5623	5642
50	5705	5473	5516	5702	5690
55	5270	5333	5536	5260	5644
60	5714	5335	5704	5356	5548
65	5571	5671	5707	5423	5504
70	5522	5397	5587	5600	5616
75	5648	5487	5676	5701	5660
80	5342	5656	5381	5280	5515
85	5567	5445	5317	5413	5572
90	5431	5261	5647	5506	5681
95	5619	5624	5645	5629	5263

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5472	5386	5306	5724	5501
5	5376	5399	5612	5361	5518
10	5695	5663	5648	5261	5442
15	5701	5489	5321	5326	5409
20	5671	5466	5680	5711	5367
25	5667	5318	5560	5655	5440
30	5356	5273	5358	5705	5262
35	5646	5637	5666	5588	5379
40	5714	5307	5423	5590	5341
45	5468	5474	5686	5300	5712
50	5654	5674	5256	5431	5417
55	5704	5656	5405	5564	5682
60	5665	5425	5640	5540	5281
65	5430	5305	5380	5463	5377
70	5304	5506	5604	5371	5373
75	5449	5569	5316	5453	5441
80	5699	5556	5576	5280	5357
85	5530	5282	5345	5251	5426
90	5653	5443	5631	5448	5679
95	5527	5620	5572	5649	5296

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5252	5625	5717	5410	5343
5	5418	5324	5687	5524	5250
10	5626	5452	5689	5456	5463
15	5314	5616	5424	5274	5698
20	5679	5535	5621	5703	5340
25	5555	5645	5288	5381	5552
30	5482	5720	5705	5573	5479
35	5557	5310	5253	5559	5363
40	5293	5553	5390	5361	5355
45	5338	5397	5454	5254	5269
50	5353	5599	5718	5442	5264
55	5417	5610	5498	5383	5653
60	5319	5590	5631	5472	5613
65	5258	5655	5473	5492	5607
70	5695	5408	5538	5284	5362
75	5449	5349	5697	5384	5296
80	5658	5257	5593	5591	5281
85	5477	5348	5265	5465	5259
90	5710	5425	5675	5372	5391
95	5415	5307	5541	5595	5532

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5410	5389	5653	5571	5563
5	5557	5346	5287	5687	5554
10	5460	5716	5255	5651	5484
15	5305	5268	5430	5319	5415
20	5701	5659	5317	5313	5594
25	5491	5485	5586	5621	5706
30	5662	5631	5280	5449	5441
35	5355	5516	5682	5392	5473
40	5299	5498	5335	5704	5434
45	5337	5705	5406	5531	5301
50	5552	5683	5605	5564	5688
55	5580	5624	5448	5576	5401
60	5289	5270	5454	5678	5649
65	5422	5625	5458	5545	5478
70	5707	5544	5703	5367	5404
75	5505	5482	5459	5262	5447
80	5550	5658	5613	5553	5352
85	5590	5372	5366	5269	5281
90	5511	5374	5314	5694	5323
95	5481	5303	5667	5486	5627

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5665	5628	5589	5257	5405
5	5599	5271	5362	5278	5286
10	5391	5505	5296	5371	5393
15	5395	5533	5364	5607	5598
20	5392	5600	5309	5709	5446
25	5694	5620	5663	5595	5619
30	5431	5575	5491	5532	5626
35	5669	5693	5706	5653	5712
40	5263	5332	5633	5414	5420
45	5288	5459	5276	5373	5707
50	5352	5375	5530	5696	5518
55	5403	5399	5480	5445	5521
60	5708	5687	5691	5655	5627
65	5685	5632	5261	5714	5464
70	5710	5679	5326	5379	5524
75	5648	5411	5259	5472	5426
80	5510	5547	5686	5561	5455
85	5613	5544	5458	5423	5517
90	5467	5293	5448	5490	5386
95	5596	5369	5300	5460	5406



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-22		
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	5510	1	5498	1	5516	1	5524	1
1	5507	1	5530	1	5521	1	5518	1
2	5527	1	5517	1	5504	1	5501	1
3	5505	1	5490	0	5506	0	5502	1
4	5490	1	5516	1	5518	0	5510	0
5	5502	1	5495	1	5529	1	5508	0
6	5499	1	5512	1	5511	1	5506	1
7	5505	1	5526	1	5493	1	5528	1
8	5511	1	5495	1	5496	0	5507	0
9	5524	1	5526	1	5528	1	5514	1
10	5510	1	5502	1	5507	0	5519	1
11	5509	1	5506	1	5516	1	5490	1
12	5513	1	5511	1	5492	1	5511	1
13	5516	1	5498	1	5526	1	5508	1
14	5518	1	5517	1	5505	1	5496	1
15	5505	1	5503	1	5490	1	5524	1
16	5498	1	5504	1	5524	1	5530	1
17	5530	1	5510	0	5495	0	5512	1
18	5508	1	5522	1	5522	1	5510	1
19	5505	0	5494	1	5517	1	5513	0
20	5528	1	5520	1	5511	1	5524	1
21	5523	1	5512	0	5514	1	5492	1
22	5509	1	5499	1	5500	1	5525	1
23	5518	1	5516	1	5508	1	5503	1
24	5512	1	5529	1	5491	1	5494	1
25	5507	1	5524	0	5510	0	5493	1
26	5494	1	5522	1	5530	1	5507	0
27	5522	1	5514	1	5513	1	5524	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	5517	1	5492	1	5518	0	5529	1
29	5523	1	5499	1	5506	1	5504	1
Probability:	96.7%		86.7%		76.7%		83.3%	
Aggregate:	85.8% (≥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	918.0	58	53244.0	Download	0	Type 2	1.5	216.0	23	4968.0
Download	1	Type 1	1.0	518.0	102	52836.0	Download	1	Type 2	2.6	160.0	25	4000.0
Download	2	Type 1	1.0	618.0	86	53148.0	Download	2	Type 2	3.1	201.0	26	5226.0
Download	3	Type 1	1.0	878.0	61	53558.0	Download	3	Type 2	4.5	177.0	29	5133.0
Download	4	Type 1	1.0	638.0	83	52854.0	Download	4	Type 2	2.9	213.0	26	5538.0
Download	5	Type 1	1.0	838.0	63	52794.0	Download	5	Type 2	3.0	163.0	26	4238.0
Download	6	Type 1	1.0	558.0	95	53010.0	Download	6	Type 2	3.0	196.0	26	5096.0
Download	7	Type 1	1.0	898.0	59	52982.0	Download	7	Type 2	1.7	207.0	24	4968.0
Download	8	Type 1	1.0	778.0	68	52904.0	Download	8	Type 2	3.4	223.0	27	6021.0
Download	9	Type 1	1.0	678.0	78	52884.0	Download	9	Type 2	3.7	169.0	27	4563.0
Download	10	Type 1	1.0	538.0	99	53262.0	Download	10	Type 2	3.7	208.0	27	5616.0
Download	11	Type 1	1.0	738.0	72	53136.0	Download	11	Type 2	4.9	198.0	29	5742.0
Download	12	Type 1	1.0	698.0	76	53048.0	Download	12	Type 2	2.7	210.0	25	5250.0
Download	13	Type 1	1.0	598.0	89	53222.0	Download	13	Type 2	1.4	150.0	23	3450.0
Download	14	Type 1	1.0	578.0	92	53176.0	Download	14	Type 2	4.2	204.0	28	5712.0
Download	15	Type 1	1.0	1632.0	33	53856.0	Download	15	Type 2	3.7	221.0	27	5967.0
Download	16	Type 1	1.0	1869.0	29	54201.0	Download	16	Type 2	1.4	182.0	23	4186.0
Download	17	Type 1	1.0	2802.0	19	53238.0	Download	17	Type 2	3.1	199.0	26	5174.0
Download	18	Type 1	1.0	2189.0	25	54725.0	Download	18	Type 2	1.2	192.0	23	4416.0
Download	19	Type 1	1.0	2907.0	19	55233.0	Download	19	Type 2	1.9	222.0	24	5328.0
Download	20	Type 1	1.0	2628.0	21	55188.0	Download	20	Type 2	4.9	189.0	29	5481.0
Download	21	Type 1	1.0	1084.0	49	53116.0	Download	21	Type 2	3.3	226.0	26	5876.0
Download	22	Type 1	1.0	724.0	73	52852.0	Download	22	Type 2	4.2	215.0	28	6020.0
Download	23	Type 1	1.0	2730.0	20	54600.0	Download	23	Type 2	4.8	153.0	29	4437.0
Download	24	Type 1	1.0	546.0	97	52962.0	Download	24	Type 2	1.7	184.0	24	4416.0
Download	25	Type 1	1.0	1363.0	39	53157.0	Download	25	Type 2	2.3	151.0	25	3775.0
Download	26	Type 1	1.0	991.0	54	53514.0	Download	26	Type 2	4.3	197.0	28	5516.0
Download	27	Type 1	1.0	557.0	95	52915.0	Download	27	Type 2	1.0	185.0	23	4255.0
Download	28	Type 1	1.0	1343.0	40	53720.0	Download	28	Type 2	3.0	195.0	26	5070.0
Download	29	Type 1	1.0	1928.0	28	53984.0	Download	29	Type 2	2.5	158.0	25	3950.0



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	6.5	312.0	16	4992.0	Download	0	Type 4	12.1	312.0	12	3744.0
Download	1	Type 3	7.6	464.0	17	7888.0	Download	1	Type 4	14.6	464.0	14	6496.0
Download	2	Type 3	8.1	264.0	17	4488.0	Download	2	Type 4	15.6	264.0	14	3696.0
Download	3	Type 3	9.5	415.0	18	7470.0	Download	3	Type 4	18.8	415.0	16	6640.0
Download	4	Type 3	7.9	347.0	17	5699.0	Download	4	Type 4	15.4	347.0	14	4858.0
Download	5	Type 3	8.0	482.0	17	8194.0	Download	5	Type 4	15.5	482.0	14	6748.0
Download	6	Type 3	8.0	332.0	17	5644.0	Download	6	Type 4	15.5	332.0	14	4648.0
Download	7	Type 3	6.7	475.0	16	7600.0	Download	7	Type 4	12.7	475.0	12	5700.0
Download	8	Type 3	8.4	242.0	17	4114.0	Download	8	Type 4	16.4	242.0	15	3630.0
Download	9	Type 3	8.7	404.0	18	7272.0	Download	9	Type 4	17.1	404.0	15	6060.0
Download	10	Type 3	8.7	432.0	18	7776.0	Download	10	Type 4	17.1	432.0	15	6480.0
Download	11	Type 3	9.9	275.0	18	4950.0	Download	11	Type 4	19.6	275.0	16	4400.0
Download	12	Type 3	7.7	328.0	17	5576.0	Download	12	Type 4	14.8	328.0	14	4592.0
Download	13	Type 3	6.4	436.0	16	6976.0	Download	13	Type 4	11.9	436.0	12	5232.0
Download	14	Type 3	9.2	252.0	18	4536.0	Download	14	Type 4	18.2	252.0	15	3780.0
Download	15	Type 3	8.7	433.0	17	7361.0	Download	15	Type 4	17.0	433.0	15	6495.0
Download	16	Type 3	6.4	363.0	16	5808.0	Download	16	Type 4	12.1	363.0	12	4356.0
Download	17	Type 3	8.1	375.0	17	6375.0	Download	17	Type 4	15.8	375.0	14	5250.0
Download	18	Type 3	6.2	369.0	16	5904.0	Download	18	Type 4	11.5	369.0	12	4428.0
Download	19	Type 3	6.9	391.0	16	6256.0	Download	19	Type 4	13.1	391.0	13	5083.0
Download	20	Type 3	9.9	416.0	18	7488.0	Download	20	Type 4	19.8	416.0	16	6656.0
Download	21	Type 3	8.3	413.0	17	7021.0	Download	21	Type 4	16.1	413.0	14	5782.0
Download	22	Type 3	9.2	263.0	18	4734.0	Download	22	Type 4	18.1	263.0	15	3945.0
Download	23	Type 3	9.8	344.0	18	6192.0	Download	23	Type 4	19.5	344.0	16	5504.0
Download	24	Type 3	6.7	442.0	16	7072.0	Download	24	Type 4	12.6	442.0	12	5304.0
Download	25	Type 3	7.3	469.0	16	7504.0	Download	25	Type 4	13.9	469.0	13	6097.0
Download	26	Type 3	9.3	288.0	18	5184.0	Download	26	Type 4	18.4	288.0	16	4608.0
Download	27	Type 3	6.0	224.0	16	3584.0	Download	27	Type 4	11.0	224.0	12	2688.0
Download	28	Type 3	8.0	444.0	17	7548.0	Download	28	Type 4	15.5	444.0	14	6216.0
Download	29	Type 3	7.5	493.0	17	8381.0	Download	29	Type 4	14.5	493.0	13	6409.0



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	5496	1
1	5510	1	16	5492.4	1
2	5510	1	17	5495.2	1
3	5510	1	18	5492	1
4	5510	1	19	5493.2	1
5	5510	1	20	5522	1
6	5510	1	21	5524.4	1
7	5510	1	22	5523.2	1
8	5510	1	23	5522	1
9	5510	1	24	5527.2	1
10	5496	1	25	5526	1
11	5498	1	26	5522.8	1
12	5494.4	1	27	5528	1
13	5492.4	1	28	5524.8	1
14	5496.8	1	29	5525.6	1
Detection Percentage (%)			100.0%		

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)	
490736.0	56.3	7	1	1546.0	-	-	
812716.0	70.1	7	2	1664.0	1552.0	-	
1136106.0	75.7	7	2	1189.0	1097.0	-	
127636.0	93.0	7	3	1022.0	1847.0	1942.0	
450519.0	74.4	7	2	1190.0	1628.0	-	
773212.0	74.9	7	2	1244.0	1573.0	-	
1095645.0	74.9	7	2	1690.0	1442.0	-	
88189.0	59.6	7	1	1162.0	-	-	
410740.0	80.1	7	2	1885.0	1035.0	-	
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)	
506455.0	83.6	11	3	1359.0	1997.0	1003.0	
729275.0	84.1	11	3	1150.0	1813.0	1393.0	
33379.0	97.8	11	3	1234.0	1346.0	1611.0	
256521.0	70.9	11	2	1598.0	1577.0	-	
480585.0	55.2	11	1	1335.0	-	-	
701718.0	89.8	11	3	1713.0	1492.0	1296.0	
5937.0	83.1	11	2	1513.0	1271.0	-	
229399.0	56.0	11	1	1732.0	-	-	
452304.0	76.7	11	2	1143.0	1708.0	-	
676594.0	52.7	11	1	1344.0	-	-	
900075.0	61.6	11	1	1413.0	-	-	
201396.0	98.8	11	3	1278.0	1531.0	1103.0	
424454.0	78.1	11	2	1657.0	1970.0	-	
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)	
599787.0	89.1	13	3	1771.0	1758.0	1850.0	
807205.0	97.2	13	3	1637.0	1804.0	1053.0	
161860.0	59.2	13	1	1796.0	-	-	
369321.0	66.4	13	1	1767.0	-	-	
574154.0	91.1	13	3	1994.0	1798.0	1865.0	
784520.0	50.2	13	1	1453.0	-	-	
136074.0	75.1	13	2	1472.0	1792.0	-	
343287.0	69.3	13	2	1051.0	1911.0	-	
549488.0	95.7	13	3	1862.0	1198.0	1399.0	
757519.0	74.6	13	2	1904.0	1171.0	-	
110443.0	85.9	13	3	1153.0	1145.0	1906.0	
318256.0	56.6	13	1	1653.0	-	-	
525687.0	51.6	13	1	1739.0	-	-	
731182.0	92.4	13	3	1535.0	1115.0	1384.0	

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)
62370.0	99.8	18	3	1691.0	1896.0	1859.0
214928.0	80.7	18	2	1647.0	1750.0	-
368570.0	56.7	18	1	1193.0	-	-
517981.0	90.0	18	3	1533.0	1913.0	1951.0
43818.0	70.7	18	2	1521.0	1728.0	-
195860.0	84.7	18	3	1120.0	1692.0	1548.0
348416.0	75.0	18	2	1874.0	1702.0	-
502125.0	50.2	18	1	1821.0	-	-
25127.0	65.1	18	1	1227.0	-	-
177133.0	87.5	18	3	1622.0	1243.0	1459.0
328850.0	90.4	18	3	1824.0	1587.0	1697.0
483826.0	64.4	18	1	1151.0	-	-
6281.0	82.9	18	2	1402.0	1283.0	-
159162.0	59.6	18	1	1281.0	-	-
310983.0	77.1	18	2	1712.0	1683.0	-
463261.0	77.6	18	2	1734.0	1764.0	-
614577.0	96.2	18	3	1519.0	1615.0	1398.0
140064.0	75.2	18	2	1111.0	1378.0	-
293237.0	65.5	18	1	1202.0	-	-

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)
604220.0	78.2	12	2	1502.0	1870.0	-
811563.0	81.1	12	2	1383.0	1698.0	-
164703.0	78.5	12	2	1286.0	1455.0	-
371042.0	83.8	12	3	1781.0	1064.0	1920.0
580113.0	57.9	12	1	1308.0	-	-
784859.0	83.9	12	3	1748.0	1394.0	1232.0
139085.0	74.7	12	2	1325.0	1992.0	-
345624.0	84.5	12	3	1060.0	1956.0	1635.0
554414.0	60.7	12	1	1511.0	-	-
759283.0	87.9	12	3	1921.0	1503.0	1062.0
113880.0	59.4	12	1	1045.0	-	-
321382.0	61.8	12	1	1388.0	-	-
529057.0	64.2	12	1	1181.0	-	-
736785.0	53.6	12	1	1029.0	-	-

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)
87892.0	97.4	12	3	1512.0	1557.0	1977.0
295045.0	83.4	12	3	1369.0	1041.0	1210.0
502799.0	75.4	12	2	1207.0	1142.0	-
709712.0	69.9	12	2	1037.0	1795.0	-
62668.0	62.8	12	1	1876.0	-	-
269441.0	91.0	12	3	1363.0	1404.0	1188.0
477684.0	64.1	12	1	1593.0	-	-
685028.0	53.1	12	1	1785.0	-	-
36986.0	88.8	12	3	1447.0	1878.0	1591.0
244381.0	82.1	12	2	1044.0	1410.0	-
450883.0	71.7	12	2	1998.0	1946.0	-
658382.0	76.0	12	2	1836.0	1367.0	-
11545.0	76.7	12	2	1574.0	1900.0	-
218680.0	67.4	12	2	1527.0	1582.0	-

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)
426602.0	65.5	12	1	1522.0	-	-
631614.0	92.3	12	3	1762.0	1196.0	1941.0
840319.0	68.1	12	2	1504.0	1353.0	-
193272.0	78.5	12	2	1275.0	1371.0	-
401167.0	60.6	12	1	1253.0	-	-
606327.0	91.2	12	3	1644.0	1919.0	1093.0
815053.0	73.4	12	2	1449.0	1140.0	-
167938.0	61.2	12	1	1660.0	-	-
374993.0	71.3	12	2	1048.0	1584.0	-
580259.0	96.9	12	3	1636.0	1968.0	1933.0
788162.0	98.8	12	3	1212.0	1501.0	1350.0
142386.0	56.1	12	1	1629.0	-	-
348598.0	96.1	12	3	1842.0	1418.0	1491.0
557275.0	50.1	12	1	1766.0	-	-

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)
1071749.0	64.2	8	1	1213.0	-	-
163685.0	62.4	8	1	1354.0	-	-
454163.0	55.6	8	1	1965.0	-	-
744152.0	75.6	8	2	1420.0	1465.0	-
1034018.0	76.2	8	2	1939.0	1493.0	-
127860.0	60.7	8	1	1510.0	-	-
417443.0	85.6	8	3	1329.0	1625.0	1673.0
708434.0	76.3	8	2	1655.0	1156.0	-
1000042.0	51.6	8	1	1309.0	-	-
92065.0	57.7	8	1	1387.0	-	-

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)
254086.0	83.4	14	3	1916.0	1047.0	1382.0
447024.0	84.3	14	3	1251.0	1888.0	1265.0
641929.0	51.4	14	1	1982.0	-	-
37400.0	75.1	14	2	1256.0	1901.0	-
230445.0	92.4	14	3	1088.0	1682.0	1131.0
422730.0	96.4	14	3	1882.0	1536.0	1975.0
618502.0	62.1	14	1	1448.0	-	-
13598.0	81.9	14	2	1173.0	1810.0	-
207184.0	57.1	14	1	1890.0	-	-
400943.0	57.2	14	1	1508.0	-	-
593820.0	69.0	14	2	1264.0	1295.0	-
786723.0	68.5	14	2	1721.0	1345.0	-
183192.0	69.7	14	2	1294.0	1242.0	-
376288.0	81.0	14	2	1757.0	1444.0	-
570637.0	51.1	14	1	1663.0	-	-

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)
715702.0	73.0	15	2	1215.0	1169.0	-
149356.0	80.2	15	2	1155.0	1485.0	-
329502.0	86.1	15	3	1490.0	1864.0	1800.0
512454.0	62.0	15	1	1790.0	-	-
692924.0	78.6	15	2	1777.0	1086.0	-
127086.0	71.1	15	2	1276.0	1026.0	-
308695.0	56.6	15	1	1650.0	-	-
488166.0	95.0	15	3	1507.0	1494.0	1745.0
671488.0	63.9	15	1	1877.0	-	-
104306.0	88.9	15	3	1989.0	1514.0	1964.0
285825.0	76.3	15	2	1659.0	1333.0	-
467176.0	76.5	15	2	1238.0	1470.0	-
646720.0	96.1	15	3	1277.0	1817.0	1570.0
82261.0	99.9	15	3	1071.0	1320.0	1279.0
263872.0	65.9	15	1	1963.0	-	-
444808.0	81.8	15	2	1476.0	1304.0	-

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)
624720.0	89.2	15	3	1756.0	1322.0	1268.0
59919.0	90.7	15	3	1594.0	1361.0	1289.0
241717.0	60.4	15	1	1368.0	-	-
421761.0	95.2	15	3	1670.0	1168.0	1224.0
603551.0	76.3	15	2	1772.0	1205.0	-
37635.0	89.7	15	3	1631.0	1457.0	1259.0
218617.0	98.4	15	3	1307.0	1358.0	1211.0
400089.0	68.8	15	2	1436.0	1481.0	-
581135.0	74.9	15	2	1654.0	1450.0	-
15341.0	84.8	15	3	1486.0	1881.0	1844.0
196554.0	66.8	15	2	1696.0	1318.0	-
377331.0	99.0	15	3	1297.0	1355.0	1135.0
556972.0	88.8	15	3	1701.0	1973.0	1902.0
739431.0	81.2	15	2	1905.0	1741.0	-
174021.0	95.8	15	3	1541.0	1074.0	1332.0
354869.0	92.7	15	3	1019.0	1298.0	1826.0

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)
428638.0	74.7	20	2	1966.0	1310.0	-
573519.0	74.4	20	2	1927.0	1186.0	-
121645.0	53.1	20	1	1889.0	-	-
266031.0	80.6	20	2	1929.0	1473.0	-
409557.0	99.5	20	3	1937.0	1338.0	1823.0
557505.0	64.2	20	1	1160.0	-	-
103524.0	73.0	20	2	1912.0	1433.0	-
247642.0	86.6	20	3	1786.0	1270.0	1705.0
393522.0	76.7	20	2	1405.0	1055.0	-
536537.0	89.4	20	3	1880.0	1639.0	1057.0
85657.0	87.6	20	3	1136.0	1017.0	1484.0
230275.0	86.2	20	3	1468.0	1208.0	1011.0
376257.0	66.1	20	1	1528.0	-	-
520456.0	69.9	20	2	1221.0	1396.0	-
68051.0	66.0	20	1	1794.0	-	-
212832.0	82.1	20	2	1456.0	1187.0	-
356258.0	91.3	20	3	1861.0	1709.0	1497.0
502159.0	75.5	20	2	1819.0	1334.0	-
50040.0	79.9	20	2	1516.0	1949.0	-
194919.0	77.8	20	2	1788.0	1063.0	-

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)
524430.0	59.3	11	1	1321.0	-	-
745161.0	85.9	11	3	1543.0	1303.0	1954.0
49678.0	74.8	11	2	1336.0	1940.0	-
272446.0	83.4	11	3	1360.0	1218.0	1753.0
496156.0	81.8	11	2	1565.0	1123.0	-
719744.0	67.2	11	2	1194.0	1027.0	-
22165.0	87.2	11	3	1158.0	1822.0	1725.0
244719.0	93.9	11	3	1744.0	1962.0	1675.0
469207.0	54.2	11	1	1614.0	-	-
693100.0	57.7	11	1	1070.0	-	-
915935.0	56.2	11	1	1855.0	-	-
217819.0	82.8	11	2	1853.0	1349.0	-
440203.0	93.2	11	3	1431.0	1408.0	1854.0

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)
959364.0	83.6	6	3	1583.0	1082.0	1642.0
1284010.0	51.7	6	1	1907.0	-	-
275260.0	71.6	6	2	1463.0	1581.0	-
597555.0	96.8	6	3	1036.0	1638.0	1132.0
919608.0	85.4	6	3	1613.0	1471.0	1299.0
1243324.0	82.4	6	2	1126.0	1755.0	-
235547.0	74.9	6	2	1392.0	1495.0	-
558213.0	67.6	6	2	1274.0	1634.0	-
881093.0	73.8	6	2	1235.0	1356.0	-
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)
600209.0	68.4	17	2	1623.0	1564.0	-
97341.0	87.0	17	3	1602.0	1729.0	1915.0
259290.0	52.1	17	1	1311.0	-	-
420797.0	62.2	17	1	1094.0	-	-
581440.0	52.7	17	1	1984.0	-	-
78029.0	54.9	17	1	1429.0	-	-
238921.0	68.7	17	2	1461.0	1217.0	-
399034.0	84.8	17	3	1012.0	1377.0	1825.0
561957.0	57.7	17	1	1542.0	-	-
58159.0	63.2	17	1	1385.0	-	-
219545.0	51.2	17	1	1282.0	-	-
380117.0	67.9	17	2	1099.0	1589.0	-
540101.0	83.4	17	3	1273.0	1228.0	1478.0
38124.0	88.9	17	3	1423.0	1727.0	1023.0
198877.0	99.6	17	3	1314.0	1458.0	1144.0
360259.0	69.7	17	2	1326.0	1403.0	-
519679.0	98.8	17	3	1287.0	1875.0	1612.0
18376.0	82.2	17	2	1116.0	1499.0	-

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)
201683.0	77.1	15	2	1991.0	1597.0	-
383264.0	79.2	15	2	1389.0	1122.0	-
563782.0	82.4	15	2	1953.0	1579.0	-
745272.0	69.0	15	2	2000.0	1083.0	-
179361.0	83.2	15	2	1871.0	1814.0	-
361200.0	54.7	15	1	1957.0	-	-
541108.0	93.1	15	3	1219.0	1128.0	1700.0
722500.0	82.5	15	2	1714.0	1843.0	-
157266.0	68.2	15	2	1550.0	1180.0	-
337716.0	94.4	15	3	1391.0	1775.0	1302.0
518490.0	85.3	15	3	1362.0	1177.0	1988.0
702250.0	55.8	15	1	1372.0	-	-
134751.0	93.1	15	3	1567.0	1178.0	1042.0
316691.0	54.9	15	1	1520.0	-	-
498046.0	60.1	15	1	1782.0	-	-
677064.0	85.6	15	3	1563.0	1330.0	1585.0

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)
200480.0	67.4	6	2	1624.0	1437.0	-
523005.0	87.9	6	3	1159.0	1002.0	1175.0
845615.0	81.2	6	2	1658.0	1609.0	-
1168339.0	69.5	6	2	1163.0	1943.0	-
160931.0	64.5	6	1	1467.0	-	-
483220.0	82.3	6	2	1509.0	1971.0	-
805683.0	75.1	6	2	1849.0	1743.0	-
1128001.0	69.4	6	2	1925.0	1886.0	-
120852.0	100.0	6	3	1770.0	1558.0	1340.0

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)
284054.0	93.0	13	3	1808.0	1774.0	1797.0
491676.0	81.5	13	2	1578.0	1990.0	-
699404.0	75.2	13	2	1610.0	1092.0	-
52285.0	50.2	13	1	1179.0	-	-
259649.0	62.9	13	1	1950.0	-	-
466568.0	72.0	13	2	1590.0	1261.0	-
673049.0	77.0	13	2	1908.0	1845.0	-
26604.0	86.6	13	3	1676.0	1445.0	1559.0
234324.0	50.1	13	1	1134.0	-	-
440369.0	97.9	13	3	1496.0	1241.0	1427.0
647432.0	88.5	13	3	1524.0	1049.0	1342.0
1138.0	91.4	13	3	1483.0	1147.0	1931.0
207973.0	99.5	13	3	1370.0	1695.0	1260.0
416295.0	53.8	13	1	1269.0	-	-

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)
1090493.0	97.4	5	3	1301.0	1678.0	1000.0
1454327.0	69.2	5	2	1121.0	1827.0	-
320397.0	70.3	5	2	1686.0	1073.0	-
682749.0	86.8	5	3	1305.0	1834.0	1319.0
1045962.0	74.4	5	2	1747.0	2000.0	-
1408384.0	99.6	5	3	1290.0	1366.0	1586.0
275899.0	51.8	5	1	1500.0	-	-
638640.0	70.1	5	2	1818.0	1306.0	-

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)
726778.0	96.4	8	3	1699.0	1365.0	1773.0
993465.0	57.7	8	1	1239.0	-	-
167607.0	97.9	8	3	1096.0	1648.0	1523.0
431720.0	71.4	8	2	1203.0	1633.0	-
696782.0	61.7	8	1	1006.0	-	-
958004.0	88.5	8	3	1233.0	1928.0	1376.0
135393.0	79.2	8	2	1191.0	1075.0	-
399275.0	67.7	8	2	1656.0	1014.0	-
662015.0	94.8	8	3	1380.0	1529.0	1718.0
928380.0	54.0	8	1	1214.0	-	-
102950.0	62.9	8	1	1428.0	-	-

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)
201093.0	69.0	20	2	1539.0	1791.0	-
344812.0	90.3	20	3	1955.0	1249.0	1838.0
491094.0	73.3	20	2	1443.0	1183.0	-
38580.0	67.8	20	2	1761.0	1204.0	-
183217.0	82.3	20	2	1894.0	1601.0	-
329134.0	55.2	20	1	1230.0	-	-
472919.0	72.3	20	2	1348.0	1693.0	-
20804.0	58.2	20	1	1245.0	-	-
165523.0	69.3	20	2	1114.0	1926.0	-
309921.0	93.0	20	3	1317.0	1024.0	1438.0
456160.0	57.1	20	1	1632.0	-	-
2908.0	71.7	20	2	1840.0	1263.0	-
147358.0	94.2	20	3	1580.0	1759.0	1040.0
292802.0	68.0	20	2	1107.0	1257.0	-
435758.0	84.1	20	3	1669.0	1605.0	1806.0
581520.0	83.9	20	3	1078.0	1201.0	1288.0
130143.0	50.3	20	1	1722.0	-	-
274509.0	94.2	20	3	1101.0	1185.0	1032.0
418335.0	95.5	20	3	1411.0	1603.0	1569.0
565667.0	50.7	20	1	1488.0	-	-

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)
149494.0	69.9	14	2	1525.0	1828.0	-
342392.0	98.2	14	3	1068.0	1851.0	1164.0
536233.0	72.8	14	2	1255.0	1630.0	-
727706.0	85.2	14	3	1237.0	1958.0	1715.0
125630.0	67.4	14	2	1892.0	1869.0	-
319553.0	52.3	14	1	1740.0	-	-
511400.0	91.5	14	3	1192.0	1893.0	1386.0
707362.0	60.3	14	1	1058.0	-	-
101726.0	88.6	14	3	1643.0	1137.0	1897.0
295691.0	57.3	14	1	1779.0	-	-
488626.0	82.4	14	2	1489.0	1364.0	-
682767.0	53.0	14	1	1910.0	-	-
77941.0	84.4	14	3	1619.0	1617.0	1703.0
271236.0	78.5	14	2	1884.0	1681.0	-
464304.0	80.4	14	2	1856.0	1867.0	-

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)
548882.0	63.5	17	1	1860.0	-	-
45216.0	74.1	17	2	1439.0	1811.0	-
206765.0	51.3	17	1	1161.0	-	-
366162.0	88.0	17	3	1347.0	1677.0	1769.0
528172.0	81.5	17	2	1223.0	1704.0	-
25454.0	52.0	17	1	1780.0	-	-
186189.0	91.3	17	3	1110.0	1480.0	1043.0
346931.0	82.5	17	2	1787.0	1969.0	-
508606.0	77.2	17	2	1054.0	1530.0	-
5572.0	89.3	17	3	1206.0	1065.0	1723.0
166164.0	86.1	17	3	1672.0	1608.0	1220.0
328478.0	53.7	17	1	1018.0	-	-
489551.0	53.3	17	1	1518.0	-	-
649761.0	77.7	17	2	1561.0	1091.0	-
147146.0	54.6	17	1	1046.0	-	-
307500.0	78.9	17	2	1440.0	1935.0	-
468496.0	73.5	17	2	1432.0	1763.0	-
627666.0	99.3	17	3	1416.0	1848.0	1768.0

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)
114375.0	53.3	20	1	1776.0	-	-
257952.0	93.1	20	3	1959.0	1735.0	1566.0
403533.0	70.9	20	2	1575.0	1707.0	-
548988.0	67.5	20	2	1435.0	1050.0	-
96030.0	88.1	20	3	1262.0	1607.0	1841.0
241529.0	50.3	20	1	1932.0	-	-
386218.0	79.9	20	2	1077.0	1414.0	-
532121.0	63.7	20	1	1379.0	-	-
78697.0	62.0	20	1	1280.0	-	-
223253.0	69.7	20	2	1031.0	1993.0	-
368833.0	62.0	20	1	1736.0	-	-
514068.0	60.6	20	1	1576.0	-	-
60812.0	54.0	20	1	1267.0	-	-
205150.0	87.3	20	3	1059.0	1716.0	1030.0
350900.0	65.7	20	1	1839.0	-	-
494314.0	87.7	20	3	1095.0	1719.0	1025.0
42792.0	70.5	20	2	1357.0	1765.0	-
188219.0	59.8	20	1	1007.0	-	-
331742.0	99.0	20	3	1688.0	1409.0	1056.0
478189.0	56.2	20	1	1731.0	-	-

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)
50132.0	64.0	7	1	1216.0	-	-
339868.0	98.8	7	3	1537.0	1995.0	1225.0
630816.0	78.6	7	2	1167.0	1571.0	-
922065.0	65.6	7	1	1600.0	-	-
14270.0	95.6	7	3	1799.0	1679.0	1837.0
304024.0	96.0	7	3	1972.0	1784.0	1538.0
595042.0	81.4	7	2	1661.0	1090.0	-
884069.0	98.7	7	3	1469.0	1986.0	1113.0
1174477.0	88.2	7	3	1832.0	1138.0	1112.0
268908.0	82.7	7	2	1052.0	1684.0	-

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)
465337.0	83.9	10	3	1010.0	1229.0	1606.0
707538.0	78.5	10	2	1013.0	1985.0	-
950315.0	58.8	10	1	1976.0	-	-
194459.0	53.7	10	1	1381.0	-	-
435912.0	81.1	10	2	1898.0	1182.0	-
677113.0	85.4	10	3	1226.0	1246.0	1466.0
921167.0	59.4	10	1	1252.0	-	-
164194.0	96.1	10	3	1746.0	1020.0	1236.0
405349.0	86.0	10	3	1331.0	1981.0	1685.0
648915.0	50.9	10	1	1540.0	-	-
890731.0	58.0	10	1	1923.0	-	-
134477.0	67.7	10	2	1738.0	1979.0	-

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)
250043.0	90.0	18	3	1119.0	1947.0	1254.0
411976.0	71.6	18	2	1133.0	1102.0	-
573039.0	70.5	18	2	1109.0	1222.0	-
69888.0	66.5	18	1	1730.0	-	-
230359.0	85.2	18	3	1118.0	1588.0	1316.0
390747.0	98.8	18	3	1711.0	1652.0	1209.0
551621.0	88.0	18	3	1760.0	1285.0	1172.0
50041.0	65.7	18	1	1498.0	-	-
211498.0	57.1	18	1	1080.0	-	-
370876.0	94.9	18	3	1706.0	1830.0	1199.0
532870.0	79.9	18	2	1572.0	1351.0	-
30104.0	67.3	18	2	1551.0	1397.0	-
190550.0	85.3	18	3	1778.0	1452.0	1547.0
353042.0	54.6	18	1	1076.0	-	-
514466.0	64.4	18	1	1079.0	-	-
10294.0	55.3	18	1	1749.0	-	-
171125.0	71.9	18	2	1674.0	1751.0	-
331648.0	92.2	18	3	1166.0	1820.0	1106.0

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)
1112682.0	69.0	5	2	1125.0	1475.0	-
1474800.0	81.3	5	2	1857.0	1807.0	-
341675.0	75.6	5	2	1195.0	1141.0	-
704380.0	79.4	5	2	1948.0	1505.0	-
1066349.0	85.8	5	3	1999.0	1250.0	1592.0
1430073.0	83.5	5	3	1069.0	1066.0	1554.0
297173.0	51.7	5	1	1127.0	-	-
660518.0	50.2	5	1	1532.0	-	-

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)
584891.0	56.2	13	1	1197.0	-	-
790294.0	80.3	13	2	1924.0	1640.0	-
143837.0	78.2	13	2	1425.0	1526.0	-
350885.0	74.4	13	2	1944.0	1300.0	-
558178.0	73.8	13	2	1400.0	1545.0	-
763989.0	98.1	13	3	1891.0	1441.0	1130.0
118014.0	98.3	13	3	1645.0	1689.0	1816.0
324902.0	96.3	13	3	1412.0	1323.0	1752.0
533611.0	58.7	13	1	1419.0	-	-
741043.0	57.0	13	1	1544.0	-	-
92573.0	95.1	13	3	1978.0	1098.0	1967.0
299958.0	79.0	13	2	1560.0	1422.0	-
508103.0	60.7	13	1	1324.0	-	-
714678.0	82.6	13	2	1434.0	1072.0	-

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)
72585.0	60.6	11	1	1556.0	-	-
295643.0	72.4	11	2	1687.0	1240.0	-
518762.0	75.5	11	2	1105.0	1903.0	-
740953.0	89.1	11	3	1152.0	1146.0	1895.0
44945.0	98.7	11	3	1004.0	1805.0	1015.0
267791.0	91.6	11	3	1089.0	1936.0	1149.0
491121.0	68.4	11	2	1783.0	1515.0	-
714567.0	76.5	11	2	1446.0	1375.0	-
17491.0	71.0	11	2	1568.0	1815.0	-
241087.0	54.1	11	1	1315.0	-	-
463872.0	74.2	11	2	1553.0	1292.0	-
685546.0	93.8	11	3	1337.0	1914.0	1618.0
910479.0	82.0	11	2	1184.0	1421.0	-

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

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5431	5425	5371	5327	5556
5	5437	5451	5586	5639	5603
10	5273	5669	5361	5508	5433
15	5579	5601	5428	5528	5613
20	5564	5390	5296	5329	5311
25	5395	5350	5688	5409	5686
30	5645	5380	5353	5559	5685
35	5438	5666	5495	5476	5280
40	5504	5593	5591	5366	5378
45	5695	5704	5522	5649	5640
50	5683	5328	5281	5477	5473
55	5306	5583	5676	5541	5312
60	5274	5706	5250	5665	5427
65	5367	5641	5337	5284	5693
70	5319	5363	5647	5443	5626
75	5709	5657	5439	5373	5553
80	5690	5570	5275	5625	5555
85	5707	5694	5301	5414	5256
90	5523	5286	5261	5304	5617
95	5585	5572	5672	5711	5511

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5686	5664	5307	5488	5301
5	5479	5473	5661	5327	5335
10	5582	5458	5402	5703	5392
15	5521	5706	5704	5320	5439
20	5682	5505	5382	5269	5692
25	5638	5598	5454	5722	5451
30	5575	5602	5595	5282	5251
35	5395	5650	5578	5591	5580
40	5290	5253	5433	5716	5277
45	5336	5573	5674	5424	5431
50	5485	5483	5698	5700	5254
55	5506	5469	5663	5600	5554
60	5330	5354	5581	5629	5293
65	5391	5376	5403	5465	5496
70	5322	5339	5606	5412	5271
75	5377	5691	5620	5278	5567
80	5470	5528	5397	5275	5558
85	5270	5549	5709	5421	5529
90	5627	5533	5375	5359	5601
95	5551	5300	5434	5509	5380

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5466	5428	5718	5552	5618
5	5398	5261	5393	5542	5513
10	5722	5443	5423	5413	5512
15	5358	5332	5518	5609	5447
20	5373	5446	5471	5717	5483
25	5490	5326	5558	5281	5493
30	5561	5559	5335	5434	5546
35	5534	5266	5374	5269	5591
40	5604	5433	5371	5481	5274
45	5265	5553	5282	5482	5484
50	5372	5359	5399	5276	5343
55	5707	5594	5657	5385	5378
60	5322	5459	5396	5299	5510
65	5455	5714	5592	5325	5342
70	5683	5499	5268	5568	5287
75	5422	5715	5315	5565	5284
80	5391	5619	5468	5452	5410
85	5309	5438	5564	5431	5713
90	5519	5426	5699	5432	5586
95	5535	5415	5407	5392	5414

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5721	5667	5654	5713	5363
5	5660	5420	5336	5556	5371
10	5444	5511	5484	5618	5434
15	5600	5485	5338	5563	5326
20	5455	5539	5463	5690	5439
25	5529	5284	5315	5632	5450
30	5516	5550	5683	5269	5673
35	5357	5645	5519	5505	5443
40	5309	5624	5271	5572	5533
45	5365	5440	5637	5710	5575
50	5327	5530	5441	5273	5339
55	5471	5616	5399	5588	5561
60	5719	5342	5281	5415	5274
65	5378	5515	5294	5546	5262
70	5425	5564	5291	5524	5253
75	5414	5566	5720	5562	5666
80	5473	5501	5482	5431	5653
85	5298	5614	5391	5275	5570
90	5252	5276	5638	5598	5297
95	5409	5469	5279	5412	5506

Type 6 Radar Waveform_4					
Frequency List (MHz)	0	1	2	3	4
0	5404	5431	5590	5399	5680
5	5702	5345	5411	5719	5578
10	5278	5300	5622	5338	5455
15	5688	5612	5441	5511	5518
20	5366	5608	5425	5552	5663
25	5637	5291	5257	5388	5349
30	5674	5339	5473	5668	5457
35	5564	5715	5545	5538	5672
40	5419	5379	5599	5722	5389
45	5365	5501	5513	5448	5493
50	5524	5586	5276	5378	5618
55	5353	5385	5461	5293	5661
60	5435	5370	5717	5251	5664
65	5649	5679	5703	5616	5698
70	5317	5250	5334	5356	5428
75	5413	5645	5483	5600	5534
80	5581	5400	5575	5447	5558
85	5677	5495	5261	5331	5259
90	5704	5343	5450	5644	5632
95	5557	5625	5426	5650	5652

Type 6 Radar Waveform_5					
Frequency List (MHz)	0	1	2	3	4
0	5659	5670	5526	5560	5425
5	5269	5367	5486	5407	5310
10	5684	5661	5663	5436	5476
15	5301	5642	5544	5556	5710
20	5374	5299	5366	5636	5525
25	5715	5460	5492	5383	5716
30	5325	5430	5408	5609	5287
35	5379	5334	5350	5693	5682
40	5660	5629	5362	5396	5531
45	5559	5546	5314	5365	5452
50	5429	5707	5651	5649	5722
55	5376	5254	5341	5274	5416
60	5706	5481	5505	5439	5647
65	5353	5557	5456	5627	5406
70	5342	5528	5262	5621	5442
75	5569	5654	5280	5562	5652
80	5685	5703	5704	5458	5397
85	5712	5337	5321	5523	5699
90	5591	5270	5606	5650	5637
95	5540	5579	5634	5273	5373

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5439	5434	5462	5721	5267
5	5408	5292	5561	5473	5614
10	5615	5450	5704	5631	5497
15	5294	5647	5601	5427	5382
20	5368	5404	5633	5609	5413
25	5567	5566	5596	5417	5283
30	5689	5387	5623	5383	5582
35	5518	5252	5605	5600	5344
40	5532	5598	5394	5359	5262
45	5376	5520	5599	5676	5716
50	5628	5480	5321	5377	5651
55	5362	5451	5690	5403	5581
60	5410	5331	5595	5640	5389
65	5348	5430	5575	5328	5531
70	5586	5597	5401	5441	5299
75	5423	5543	5429	5320	5484
80	5393	5312	5455	5592	5712
85	5276	5284	5618	5709	5468
90	5296	5656	5603	5699	5271
95	5557	5634	5715	5545	5340

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5694	5295	5398	5407	5487
5	5450	5314	5636	5346	5449
10	5714	5270	5351	5518	5380
15	5421	5275	5646	5619	5293
20	5534	5345	5625	5582	5679
25	5419	5294	5322	5451	5422
30	5675	5344	5363	5535	5402
35	5657	5343	5401	5278	5258
40	5371	5470	5536	5537	5356
45	5666	5697	5578	5652	5466
50	5592	5329	5531	5507	5498
55	5550	5630	5281	5661	5532
60	5271	5596	5717	5254	5541
65	5463	5545	5328	5599	5618
70	5611	5647	5631	5338	5573
75	5360	5410	5469	5524	5681
80	5333	5265	5557	5375	5452
85	5409	5615	5593	5335	5663
90	5515	5288	5461	5284	5540
95	5581	5283	5574	5689	5699

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5474	5534	5334	5568	5329
5	5492	5714	5711	5324	5553
10	5380	5503	5311	5546	5539
15	5468	5548	5281	5594	5336
20	5301	5603	5286	5555	5567
25	5368	5497	5426	5485	5464
30	5564	5481	5309	5600	5699
35	5434	5294	5431	5269	5307
40	5377	5302	5353	5498	5305
45	5636	5705	5371	5505	5582
50	5596	5442	5263	5584	5471
55	5632	5661	5436	5541	5549
60	5664	5494	5364	5510	5414
65	5341	5397	5634	5662	5319
70	5282	5612	5602	5458	5443
75	5521	5721	5438	5449	5604
80	5518	5435	5430	5400	5288
85	5486	5626	5290	5574	5463
90	5392	5591	5683	5588	5589
95	5439	5515	5372	5367	5406

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5632	5298	5270	5549	5534
5	5261	5311	5487	5382	5292
10	5352	5266	5560	5556	5675
15	5384	5639	5528	5309	5294
20	5324	5706	5358	5695	5700
25	5530	5519	5506	5453	5258
30	5696	5461	5420	5363	5622
35	5565	5681	5658	5621	5315
40	5542	5350	5427	5316	5388
45	5597	5283	5618	5722	5633
50	5685	5321	5289	5354	5538
55	5661	5286	5603	5601	5583
60	5381	5478	5390	5443	5303
65	5641	5305	5692	5413	5383
70	5259	5511	5525	5278	5251
75	5562	5613	5553	5302	5313
80	5598	5446	5518	5374	5367
85	5365	5668	5536	5306	5296
90	5723	5501	5705	5714	5470
95	5649	5312	5600	5651	5510

Type 6 Radar Waveform_10					
Frequency List (MHz)	0	1	2	3	4
0	5412	5537	5681	5318	5391
5	5673	5661	5386	5650	5589
10	5620	5556	5393	5364	5581
15	5547	5705	5487	5684	5342
20	5695	5363	5265	5320	5598
25	5721	5644	5428	5634	5553
30	5645	5439	5690	5436	5710
35	5618	5502	5713	5361	5359
40	5572	5460	5341	5253	5685
45	5444	5356	5296	5471	5655
50	5714	5505	5382	5299	5522
55	5708	5542	5492	5279	5580
60	5477	5347	5291	5528	5688
65	5304	5476	5392	5339	5376
70	5575	5495	5582	5369	5262
75	5360	5404	5712	5682	5326
80	5564	5390	5566	5558	5346
85	5519	5421	5691	5330	5719
90	5309	5504	5481	5302	5545
95	5605	5513	5722	5379	5273

Type 6 Radar Waveform_11					
Frequency List (MHz)	0	1	2	3	4
0	5667	5301	5617	5479	5611
5	5715	5683	5461	5716	5321
10	5551	5442	5434	5559	5602
15	5635	5357	5590	5632	5534
20	5703	5529	5681	5312	5571
25	5512	5496	5360	5587	5687
30	5328	5647	5651	5387	5438
35	5544	5329	5254	5583	5299
40	5424	5666	5450	5441	5663
45	5654	5554	5713	5292	5295
50	5474	5558	5260	5388	5345
55	5555	5255	5349	5469	5399
60	5448	5476	5456	5473	5605
65	5519	5414	5341	5375	5467
70	5298	5355	5362	5380	5671
75	5567	5327	5372	5545	5642
80	5676	5339	5641	5724	5343
85	5714	5324	5630	5293	5673
90	5557	5702	5646	5308	5482
95	5390	5622	5264	5257	5607

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5447	5540	5553	5640	5453
5	5282	5608	5536	5404	5625
10	5385	5706	5572	5279	5623
15	5723	5484	5693	5677	5251
20	5711	5598	5622	5401	5544
25	5400	5445	5262	5464	5524
30	5254	5692	5604	5294	5636
35	5683	5420	5525	5287	5497
40	5613	5507	5690	5438	5592
45	5634	5637	5674	5345	5657
50	5253	5259	5311	5574	5643
55	5499	5443	5303	5659	5419
60	5605	5621	5515	5449	5528
65	5465	5712	5290	5314	5418
70	5479	5348	5365	5436	5356
75	5630	5526	5595	5330	5312
80	5340	5531	5324	5472	5353
85	5626	5541	5724	5522	5336
90	5411	5516	5272	5256	5281
95	5489	5338	5505	5310	5483

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5605	5304	5489	5326	5673
5	5324	5630	5611	5567	5357
10	5316	5495	5613	5474	5644
15	5336	5699	5722	5443	5622
20	5289	5660	5393	5517	5288
25	5297	5465	5568	5558	5678
30	5561	5509	5313	5456	5347
35	5511	5321	5440	5411	5549
40	5687	5542	5455	5435	5424
45	5614	5720	5257	5398	5447
50	5604	5362	5663	5466	5346
55	5631	5374	5415	5293	5259
60	5311	5460	5281	5354	5438
65	5714	5350	5250	5629	5282
70	5420	5368	5285	5332	5589
75	5408	5470	5507	5671	5376
80	5397	5472	5337	5251	5702
85	5314	5721	5506	5481	5501
90	5417	5453	5532	5268	5298
95	5544	5322	5403	5348	5646

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5385	5543	5425	5487	5515
5	5463	5555	5686	5255	5564
10	5722	5284	5654	5669	5665
15	5327	5263	5292	5635	5630
20	5455	5601	5482	5490	5554
25	5624	5668	5672	5592	5435
30	5567	5421	5724	5562	5276
35	5486	5602	5593	5422	5388
40	5295	5480	5598	5432	5353
45	5594	5328	5315	5451	5334
50	5514	5413	5277	5667	5290
55	5344	5709	5264	5476	5405
60	5588	5655	5357	5261	5663
65	5386	5460	5424	5560	5589
70	5410	5468	5609	5308	5548
75	5377	5590	5704	5488	5448
80	5434	5254	5561	5535	5446
85	5605	5253	5376	5438	5374
90	5540	5666	5423	5414	5412
95	5599	5306	5301	5646	5546

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5640	5307	5361	5648	5260
5	5505	5577	5286	5321	5393
10	5556	5548	5695	5292	5686
15	5415	5293	5430	5715	5352
20	5638	5524	5542	5474	5463
25	5442	5573	5396	5398	5626
30	5477	5456	5378	5464	5714
35	5528	5315	5485	5368	5336
40	5702	5418	5363	5526	5282
45	5574	5411	5276	5504	5599
50	5356	5690	5366	5490	5612
55	5532	5279	5710	5517	5641
60	5350	5420	5578	5400	5462
65	5325	5694	5661	5471	5458
70	5662	5507	5724	5372	5469
75	5603	5447	5510	5250	5598
80	5709	5605	5570	5339	5630
85	5683	5502	5263	5429	5521
90	5296	5486	5654	5387	5674
95	5625	5269	5501	5595	5480

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5420	5546	5297	5712	5577
5	5547	5502	5361	5484	5600
10	5487	5434	5261	5707	5503
15	5533	5285	5544	5549	5690
20	5580	5563	5436	5708	5425
25	5660	5616	5442	5335	5582
30	5488	5294	5667	5406	5281
35	5521	5250	5541	5461	5259
40	5603	5523	5589	5554	5494
45	5334	5460	5486	5610	5391
50	5515	5552	5313	5556	5623
55	5594	5469	5681	5331	5392
60	5349	5404	5346	5663	5561
65	5586	5641	5258	5479	5571
70	5685	5638	5466	5693	5355
75	5418	5450	5380	5557	5291
80	5414	5661	5706	5508	5412
85	5399	5682	5275	5558	5532
90	5458	5498	5446	5709	5371
95	5572	5507	5323	5564	5596

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5675	5310	5708	5398	5322
5	5589	5524	5436	5647	5332
10	5418	5698	5302	5682	5253
15	5591	5547	5636	5330	5261
20	5557	5284	5521	5555	5409
25	5596	5374	5705	5606	5694
30	5658	5331	5292	5640	5492
35	5497	5552	5674	5477	5641
40	5672	5368	5520	5518	5534
45	5577	5392	5513	5276	5486
50	5567	5566	5611	5403	5336
55	5548	5562	5544	5678	5496
60	5337	5656	5327	5510	5300
65	5334	5381	5347	5427	5465
70	5574	5614	5328	5565	5378
75	5561	5431	5632	5667	5481
80	5346	5703	5653	5411	5351
85	5362	5442	5688	5523	5281
90	5686	5538	5438	5607	5463
95	5289	5355	5470	5426	5287

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5358	5549	5644	5559	5639
5	5253	5449	5511	5335	5539
10	5252	5487	5343	5402	5274
15	5582	5674	5642	5375	5550
20	5565	5450	5462	5382	5387
25	5701	5433	5710	5700	5317
30	5724	5537	5414	5312	5373
35	5588	5445	5352	5650	5316
40	5610	5517	5350	5417	5660
45	5566	5638	5362	5268	5617
50	5255	5337	5347	5524	5502
55	5277	5363	5526	5332	5661
60	5282	5488	5628	5687	5556
65	5336	5544	5273	5625	5499
70	5451	5383	5590	5287	5534
75	5498	5607	5509	5409	5680
80	5328	5645	5411	5668	5422
85	5634	5515	5264	5296	5576
90	5376	5429	5698	5619	5577
95	5344	5436	5465	5368	5529

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5613	5313	5580	5720	5384
5	5295	5471	5586	5401	5368
10	5658	5276	5597	5670	5326
15	5270	5323	5267	5476	5519
20	5500	5636	5355	5275	5553
25	5436	5287	5681	5277	5566
30	5510	5512	5679	5716	5602
35	5564	5630	5332	5548	5514
40	5279	5397	5268	5411	5619
45	5428	5616	5444	5668	5344
50	5635	5669	5712	5456	5467
55	5657	5497	5461	5351	5702
60	5320	5454	5281	5505	5372
65	5376	5543	5534	5677	5707
70	5721	5503	5618	5490	5661
75	5315	5584	5334	5472	5697
80	5568	5314	5607	5385	5254
85	5480	5693	5544	5299	5541
90	5550	5463	5253	5594	5399
95	5420	5363	5347	5632	5305

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5393	5552	5516	5406	5701
5	5337	5396	5661	5564	5575
10	5492	5540	5522	5695	5316
15	5283	5356	5373	5368	5459
20	5484	5685	5441	5250	5328
25	5638	5502	5364	5321	5570
30	5395	5340	5330	5651	5392
35	5512	5280	5469	5486	5608
40	5683	5377	5351	5672	5315
45	5620	5719	5530	5458	5613
50	5425	5410	5657	5379	5468
55	5590	5269	5724	5702	5711
60	5454	5311	5586	5338	5706
65	5265	5520	5302	5542	5680
70	5375	5263	5471	5341	5365
75	5498	5632	5597	5288	5692
80	5449	5445	5446	5348	5647
85	5317	5594	5556	5400	5462
90	5362	5611	5404	5261	5704
95	5260	5503	5705	5455	5532

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5648	5316	5452	5567	5446
5	5379	5418	5261	5252	5307
10	5423	5426	5563	5415	5337
15	5371	5483	5476	5413	5651
20	5492	5279	5382	5717	5301
25	5429	5354	5470	5644	5355
30	5448	5556	5595	5610	5625
35	5315	5308	5433	5489	5424
40	5659	5605	5515	5357	5434
45	5527	5250	5580	5368	5321
50	5295	5619	5281	5557	5613
55	5364	5372	5673	5342	5622
60	5681	5689	5678	5270	5534
65	5403	5347	5705	5509	5506
70	5305	5421	5639	5344	5383
75	5464	5593	5438	5621	5565
80	5695	5594	5692	5291	5408
85	5541	5313	5698	5468	5317
90	5396	5722	5374	5628	5485
95	5634	5683	5363	5701	5499

Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5331	5652	5388	5253	5288
5	5518	5343	5336	5415	5611
10	5354	5690	5604	5610	5358
15	5362	5579	5361	5368	5403
20	5445	5420	5274	5317	5303
25	5673	5273	5389	5490	5552
30	5350	5266	5348	5357	5574
35	5676	5683	5719	5678	5424
40	5602	5444	5337	5517	5488
45	5681	5467	5497	5346	5708
50	5404	5704	5318	5562	5492
55	5313	5276	5371	5634	5504
60	5691	5260	5352	5286	5628
65	5500	5506	5308	5632	5397
70	5598	5406	5607	5433	5370
75	5548	5402	5254	5283	5591
80	5300	5595	5705	5468	5258
85	5656	5716	5612	5561	5665
90	5483	5645	5564	5469	5532
95	5662	5466	5521	5594	5654

Type 6 Radar Waveform_23					
Frequency List (MHz)	0	1	2	3	4
0	5586	5416	5324	5414	5508
5	5560	5365	5411	5481	5343
10	5663	5479	5645	5330	5379
15	5450	5262	5585	5406	5611
20	5361	5323	5722	5583	5630
25	5401	5377	5423	5629	5334
30	5509	5565	5418	5643	5496
35	5665	5472	5558	5286	5678
40	5664	5599	5276	5317	5600
45	5546	5259	5257	5498	5673
50	5397	5322	5305	5348	5417
55	5650	5277	5689	5284	5405
60	5536	5579	5695	5427	5637
65	5301	5460	5392	5493	5675
70	5575	5408	5373	5557	5660
75	5526	5653	5622	5658	5346
80	5588	5495	5547	5431	5524
85	5703	5489	5335	5251	5671
90	5389	5592	5619	5453	5430
95	5544	5569	5719	5391	5440

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5366	5655	5260	5478	5350
5	5602	5290	5486	5644	5550
10	5594	5268	5686	5525	5400
15	5538	5292	5688	5451	5277
20	5419	5680	5302	5412	5695
25	5471	5482	5604	5578	5457
30	5671	5320	5466	5683	5667
35	5635	5281	5514	5328	5397
40	5616	5429	5596	5675	5312
45	5619	5374	5448	5411	5603
50	5670	5605	5370	5508	5255
55	5534	5701	5621	5527	5253
60	5583	5284	5250	5358	5662
65	5296	5272	5561	5330	5349
70	5516	5532	5646	5321	5395
75	5399	5439	5582	5506	5585
80	5690	5498	5389	5394	5545
85	5489	5657	5262	5533	5319
90	5677	5271	5301	5674	5425
95	5523	5672	5442	5687	5435

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5621	5419	5671	5639	5570
5	5266	5312	5561	5332	5379
10	5525	5532	5252	5623	5421
15	5626	5316	5496	5469	5330
20	5371	5718	5404	5668	5262
25	5431	5682	5491	5713	5684
30	5423	5344	5661	5677	5636
35	5289	5717	5711	5549	5554
40	5572	5690	5609	5655	5291
45	5565	5365	5409	5250	5550
50	5499	5597	5426	5614	5318
55	5558	5560	5327	5604	5663
60	5391	5566	5456	5651	5485
65	5674	5297	5502	5457	5574
70	5547	5511	5557	5325	5475
75	5501	5367	5376	5306	5695
80	5649	5569	5582	5410	5401
85	5328	5454	5357	5708	5510
90	5353	5484	5305	5628	5254
95	5518	5323	5405	5300	5307

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5401	5658	5607	5325	5412
5	5308	5334	5636	5495	5586
10	5359	5418	5293	5343	5442
15	5617	5546	5419	5444	5283
20	5338	5440	5281	5493	5641
25	5625	5438	5311	5525	5377
30	5670	5380	5638	5593	5384
35	5341	5560	5432	5631	5647
40	5632	5492	5337	5687	5441
45	5635	5374	5623	5296	5601
50	5251	5550	5686	5724	5461
55	5506	5512	5275	5621	5575
60	5317	5556	5511	5288	5477
65	5572	5333	5712	5349	5513
70	5533	5514	5406	5301	5434
75	5470	5314	5510	5357	5331
80	5319	5476	5482	5702	5304
85	5645	5417	5322	5662	5551
90	5649	5410	5413	5347	5335
95	5309	5502	5696	5403	5460

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5559	5422	5543	5486	5632
5	5350	5259	5711	5561	5318
10	5290	5682	5334	5538	5463
15	5705	5673	5522	5489	5475
20	5346	5606	5697	5485	5614
25	5513	5707	5641	5415	5419
30	5337	5378	5270	5679	5480
35	5651	5703	5595	5642	5430
40	5577	5684	5370	5615	5457
45	5681	5471	5380	5427	5601
50	5300	5450	5405	5694	5466
55	5465	5343	5546	5349	5721
60	5553	5303	5518	5509	5572
65	5272	5544	5619	5558	5585
70	5616	5255	5655	5393	5342
75	5434	5556	5435	5583	5429
80	5257	5502	5317	5479	5304
85	5584	5477	5549	5665	5713
90	5531	5371	5339	5347	5295
95	5359	5449	5364	5594	5266

Type 6 Radar Waveform_28					
Frequency List (MHz)	0	1	2	3	4
0	5339	5661	5479	5647	5474
5	5392	5281	5311	5724	5622
10	5696	5471	5472	5258	5484
15	5318	5325	5528	5534	5667
20	5257	5675	5638	5574	5587
25	5304	5559	5369	5616	5593
30	5461	5448	5294	5496	5519
35	5499	5619	5267	5370	5556
40	5420	5368	5342	5681	5677
45	5595	5540	5642	5427	5256
50	5603	5652	5389	5273	5252
55	5407	5655	5637	5517	5478
60	5411	5498	5701	5561	5332
65	5521	5308	5279	5511	5361
70	5602	5617	5579	5631	5352
75	5554	5699	5416	5360	5539
80	5513	5666	5380	5476	5682
85	5426	5440	5266	5630	5569
90	5504	5323	5381	5555	5468
95	5466	5419	5567	5492	5720

Type 6 Radar Waveform_29					
Frequency List (MHz)	0	1	2	3	4
0	5594	5425	5415	5333	5694
5	5531	5681	5386	5412	5354
10	5530	5260	5513	5453	5505
15	5406	5355	5631	5579	5384
20	5265	5366	5676	5566	5560
25	5667	5411	5572	5720	5627
30	5600	5434	5251	5711	5671
35	5697	5661	5358	5392	5523
40	5470	5639	5503	5306	5485
45	5678	5606	5575	5700	5480
50	5713	5607	5304	5703	5571
55	5498	5374	5370	5456	5391
60	5576	5443	5259	5527	5507
65	5533	5344	5586	5351	5588
70	5717	5331	5311	5658	5674
75	5270	5397	5612	5552	5294
80	5258	5473	5337	5585	5268
85	5500	5361	5718	5455	5389
90	5669	5329	5318	5437	5577
95	5483	5474	5551	5390	5602



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-21		
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	5504	1	5525	0	5508	1	5505	1
1	5490	1	5519	1	5528	0	5536	0
2	5521	1	5541	1	5495	1	5501	1
3	5532	1	5515	1	5515	1	5570	1
4	5554	1	5565	1	5516	1	5519	0
5	5520	1	5492	0	5547	1	5506	1
6	5551	1	5520	1	5498	1	5495	1
7	5519	1	5532	0	5491	1	5518	1
8	5562	1	5550	1	5495	0	5552	1
9	5555	1	5534	1	5537	0	5545	1
10	5568	1	5518	1	5562	1	5518	0
11	5569	1	5554	1	5542	0	5492	1
12	5530	1	5516	0	5490	1	5504	1
13	5528	1	5553	1	5530	1	5530	1
14	5570	1	5517	0	5565	1	5494	0
15	5498	1	5499	1	5506	1	5542	1
16	5540	1	5545	1	5517	1	5557	1
17	5542	1	5521	0	5570	1	5556	1
18	5521	1	5531	1	5524	0	5493	1
19	5545	1	5497	1	5508	0	5564	1
20	5530	1	5503	1	5506	1	5569	0
21	5505	1	5530	1	5533	1	5521	1
22	5557	1	5569	1	5565	1	5516	0
23	5560	1	5514	1	5523	0	5544	0
24	5524	1	5557	1	5501	1	5494	1
25	5547	1	5506	0	5494	1	5533	1
26	5506	1	5511	1	5502	1	5490	1
27	5514	1	5570	1	5560	1	5551	0



Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
28	5500	1	5563	1	5543	0	5504	1
29	5531	1	5490	1	5528	0	5509	1
Probability:	100.0%		76.7%		70.0%		73.3%	
Aggregate:	80% (≥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	918.0	58	53244.0	Download	0	Type 2	2.0	207.0	24	4968.0
Download	1	Type 1	1.0	538.0	99	53282.0	Download	1	Type 2	1.6	196.0	24	4704.0
Download	2	Type 1	1.0	618.0	86	53148.0	Download	2	Type 2	2.6	168.0	25	4200.0
Download	3	Type 1	1.0	818.0	65	53170.0	Download	3	Type 2	4.9	197.0	29	5713.0
Download	4	Type 1	1.0	798.0	67	53466.0	Download	4	Type 2	3.6	179.0	27	4833.0
Download	5	Type 1	1.0	738.0	72	53136.0	Download	5	Type 2	2.5	176.0	25	4400.0
Download	6	Type 1	1.0	878.0	61	53558.0	Download	6	Type 2	2.1	214.0	24	5136.0
Download	7	Type 1	1.0	638.0	83	52954.0	Download	7	Type 2	4.9	160.0	29	4640.0
Download	8	Type 1	1.0	578.0	92	53176.0	Download	8	Type 2	2.7	154.0	25	3850.0
Download	9	Type 1	1.0	778.0	68	52904.0	Download	9	Type 2	2.6	172.0	25	4300.0
Download	10	Type 1	1.0	3066.0	18	55188.0	Download	10	Type 2	2.6	198.0	25	4950.0
Download	11	Type 1	1.0	658.0	81	53298.0	Download	11	Type 2	2.2	165.0	25	4125.0
Download	12	Type 1	1.0	598.0	89	53222.0	Download	12	Type 2	4.2	184.0	26	5152.0
Download	13	Type 1	1.0	698.0	76	53048.0	Download	13	Type 2	3.2	151.0	26	3926.0
Download	14	Type 1	1.0	678.0	78	52884.0	Download	14	Type 2	4.8	192.0	29	5568.0
Download	15	Type 1	1.0	2906.0	19	55214.0	Download	15	Type 2	1.7	150.0	24	3600.0
Download	16	Type 1	1.0	810.0	66	53460.0	Download	16	Type 2	4.0	215.0	28	6020.0
Download	17	Type 1	1.0	2962.0	18	53316.0	Download	17	Type 2	1.4	175.0	23	4025.0
Download	18	Type 1	1.0	2163.0	25	54075.0	Download	18	Type 2	4.8	190.0	29	5510.0
Download	19	Type 1	1.0	2056.0	26	53456.0	Download	19	Type 2	1.1	165.0	23	4255.0
Download	20	Type 1	1.0	2028.0	27	54756.0	Download	20	Type 2	1.3	219.0	23	5037.0
Download	21	Type 1	1.0	1477.0	36	53172.0	Download	21	Type 2	4.1	206.0	28	5768.0
Download	22	Type 1	1.0	1718.0	31	53258.0	Download	22	Type 2	2.2	227.0	25	5675.0
Download	23	Type 1	1.0	687.0	77	52899.0	Download	23	Type 2	2.4	153.0	25	3825.0
Download	24	Type 1	1.0	744.0	71	52824.0	Download	24	Type 2	4.6	169.0	29	4901.0
Download	25	Type 1	1.0	1005.0	53	53265.0	Download	25	Type 2	2.4	174.0	25	4350.0
Download	26	Type 1	1.0	803.0	66	52998.0	Download	26	Type 2	2.6	161.0	25	4025.0
Download	27	Type 1	1.0	2784.0	19	52896.0	Download	27	Type 2	3.2	152.0	26	3952.0
Download	28	Type 1	1.0	1313.0	41	53833.0	Download	28	Type 2	3.1	166.0	26	4316.0
Download	29	Type 1	1.0	2808.0	21	54768.0	Download	29	Type 2	1.3	177.0	23	4071.0



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	7.0	368.0	16	5888.0	Download	0	Type 4	13.3	368.0	13	4784.0
Download	1	Type 3	6.6	217.0	16	3472.0	Download	1	Type 4	12.4	217.0	12	2604.0
Download	2	Type 3	7.6	376.0	17	6392.0	Download	2	Type 4	14.7	376.0	14	5264.0
Download	3	Type 3	9.9	382.0	18	6876.0	Download	3	Type 4	19.7	382.0	16	6112.0
Download	4	Type 3	8.6	331.0	17	5627.0	Download	4	Type 4	16.8	331.0	15	4965.0
Download	5	Type 3	7.5	273.0	17	4641.0	Download	5	Type 4	14.4	273.0	13	3549.0
Download	6	Type 3	7.1	353.0	16	5648.0	Download	6	Type 4	13.5	353.0	13	4589.0
Download	7	Type 3	9.9	269.0	18	4842.0	Download	7	Type 4	19.6	269.0	16	4304.0
Download	8	Type 3	7.7	326.0	17	5542.0	Download	8	Type 4	14.7	326.0	14	4564.0
Download	9	Type 3	7.6	348.0	17	5916.0	Download	9	Type 4	14.5	348.0	13	4524.0
Download	10	Type 3	7.6	216.0	17	3672.0	Download	10	Type 4	14.7	216.0	14	3024.0
Download	11	Type 3	7.2	270.0	16	4320.0	Download	11	Type 4	13.8	270.0	13	3510.0
Download	12	Type 3	9.2	294.0	18	5292.0	Download	12	Type 4	18.1	294.0	15	4410.0
Download	13	Type 3	8.2	339.0	17	5763.0	Download	13	Type 4	16.0	339.0	14	4746.0
Download	14	Type 3	9.8	312.0	18	5616.0	Download	14	Type 4	19.4	312.0	16	4992.0
Download	15	Type 3	6.7	440.0	16	7040.0	Download	15	Type 4	12.7	440.0	12	5280.0
Download	16	Type 3	9.0	410.0	18	7380.0	Download	16	Type 4	17.8	410.0	15	6150.0
Download	17	Type 3	6.4	250.0	16	4000.0	Download	17	Type 4	12.0	250.0	12	3000.0
Download	18	Type 3	9.8	486.0	18	8748.0	Download	18	Type 4	19.4	486.0	16	7776.0
Download	19	Type 3	6.1	208.0	16	3328.0	Download	19	Type 4	11.3	208.0	12	2496.0
Download	20	Type 3	6.3	361.0	16	5776.0	Download	20	Type 4	11.7	361.0	12	4332.0
Download	21	Type 3	9.1	296.0	18	5328.0	Download	21	Type 4	17.9	296.0	15	4440.0
Download	22	Type 3	7.2	280.0	16	4480.0	Download	22	Type 4	13.7	280.0	13	3640.0
Download	23	Type 3	7.4	405.0	17	6885.0	Download	23	Type 4	14.1	405.0	13	5285.0
Download	24	Type 3	9.6	430.0	18	7740.0	Download	24	Type 4	19.1	430.0	16	6880.0
Download	25	Type 3	7.4	453.0	17	7701.0	Download	25	Type 4	14.1	453.0	13	5889.0
Download	26	Type 3	7.6	357.0	17	6069.0	Download	26	Type 4	14.6	357.0	13	4641.0
Download	27	Type 3	8.2	461.0	17	7837.0	Download	27	Type 4	16.0	461.0	14	6454.0
Download	28	Type 3	6.1	211.0	17	3587.0	Download	28	Type 4	15.8	211.0	14	2954.0
Download	29	Type 3	6.3	365.0	16	5840.0	Download	29	Type 4	11.7	365.0	12	4380.0



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	5493.2	1
1	5530	1	16	5496.8	1
2	5530	1	17	5492.4	1
3	5530	1	18	5497.6	1
4	5530	1	19	5492	1
5	5530	1	20	5567.6	1
6	5530	1	21	5563.2	1
7	5530	1	22	5566.4	1
8	5530	1	23	5566	1
9	5530	1	24	5562.4	1
10	5494.4	1	25	5566	1
11	5493.6	1	26	5565.6	1
12	5496.8	1	27	5564.8	1
13	5495.2	1	28	5564.8	1
14	5497.6	1	29	5567.6	1
Detection Percentage (%)			100.0%		

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)
542868.0	62.8	9	1	1654.0	-	-
807384.0	57.8	9	1	1199.0	-	-
1069981.0	70.7	9	2	1240.0	1680.0	-
245533.0	98.1	9	3	1977.0	1215.0	1185.0
509294.0	82.2	9	2	1985.0	1874.0	-
773960.0	68.9	9	2	1262.0	1160.0	-
1038840.0	64.0	9	1	1492.0	-	-
213030.0	97.8	9	3	1390.0	1713.0	1500.0
477166.0	70.8	9	2	1550.0	1520.0	-
741249.0	69.6	9	2	1472.0	1234.0	-
1004760.0	70.5	9	2	1802.0	1351.0	-
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)
199202.0	65.4	7	1	1650.0	-	-
488713.0	89.5	7	3	1172.0	1283.0	1950.0
779521.0	77.5	7	2	1459.0	1659.0	-
1068430.0	96.5	7	3	1593.0	1318.0	1743.0
163425.0	59.4	7	1	1485.0	-	-
452697.0	87.8	7	3	1771.0	1882.0	1541.0
744530.0	55.6	7	1	1888.0	-	-
1033804.0	96.5	7	3	1142.0	1247.0	1010.0
127669.0	51.9	7	1	1020.0	-	-
418194.0	54.3	7	1	1781.0	-	-

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)	
543236.0	88.0	11	3	1780.0	1924.0	1038.0	
768733.0	65.2	11	1	1418.0	-	-	
70498.0	67.1	11	2	1027.0	1794.0	-	
293220.0	95.0	11	3	1078.0	1758.0	1454.0	
517173.0	67.1	11	2	1076.0	1223.0	-	
739959.0	69.9	11	2	1849.0	1112.0	-	
43020.0	77.9	11	2	1257.0	1280.0	-	
265946.0	76.4	11	2	1959.0	1732.0	-	
490081.0	54.3	11	1	1518.0	-	-	
710640.0	87.3	11	3	1811.0	1847.0	1667.0	
15498.0	99.3	11	3	1131.0	1030.0	1644.0	
237999.0	99.4	11	3	1865.0	1851.0	1827.0	
461977.0	77.7	11	2	1358.0	1303.0	-	
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)	
445831.0	64.6	20	1	1130.0	-	-	
589300.0	81.3	20	2	1715.0	1214.0	-	
137417.0	58.4	20	1	1274.0	-	-	
282366.0	53.5	20	1	1826.0	-	-	
425187.0	85.3	20	3	1728.0	1387.0	1867.0	
570588.0	69.4	20	2	1923.0	1920.0	-	
118979.0	85.5	20	3	1834.0	1088.0	1117.0	
264841.0	60.9	20	1	1046.0	-	-	
408798.0	78.4	20	2	1409.0	1548.0	-	
554059.0	76.8	20	2	1033.0	1429.0	-	
101541.0	63.1	20	1	1884.0	-	-	
245703.0	90.8	20	3	1115.0	1290.0	1660.0	
390184.0	90.5	20	3	1494.0	1464.0	1187.0	
534451.0	85.1	20	3	1366.0	1793.0	1261.0	
83326.0	89.3	20	3	1164.0	1945.0	1253.0	
227783.0	87.9	20	3	1400.0	1151.0	1820.0	
372022.0	86.7	20	3	1363.0	1828.0	1531.0	
517682.0	78.9	20	2	1895.0	1345.0	-	
65894.0	59.1	20	1	1062.0	-	-	
210877.0	51.6	20	1	1853.0	-	-	

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)
444060.0	68.4	15	2	1979.0	1803.0	-
625729.0	74.8	15	2	1338.0	1623.0	-
59799.0	92.7	15	3	1349.0	1083.0	1422.0
241621.0	53.6	15	1	1196.0	-	-
423060.0	53.0	15	1	1496.0	-	-
604781.0	65.1	15	1	1266.0	-	-
37486.0	99.0	15	3	1221.0	1752.0	1340.0
218422.0	86.2	15	3	1460.0	1188.0	1379.0
400258.0	71.3	15	2	1091.0	1228.0	-
582168.0	66.5	15	1	1581.0	-	-
15222.0	82.3	15	2	1690.0	1968.0	-
196516.0	71.3	15	2	1299.0	1286.0	-
378484.0	66.1	15	1	1207.0	-	-
560139.0	61.7	15	1	1141.0	-	-
741551.0	62.9	15	1	1353.0	-	-
174505.0	65.2	15	1	1222.0	-	-

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)
475014.0	50.9	11	1	1198.0	-	-
714841.0	84.2	11	3	1896.0	1487.0	1177.0
957503.0	70.3	11	2	1565.0	1708.0	-
202625.0	77.0	11	2	1640.0	1081.0	-
445031.0	66.4	11	1	1523.0	-	-
685760.0	93.4	11	3	1310.0	1157.0	1138.0
929282.0	59.5	11	1	1601.0	-	-
172507.0	88.5	11	3	1512.0	1488.0	1596.0
415100.0	53.9	11	1	1769.0	-	-
657541.0	54.2	11	1	1254.0	-	-
898258.0	76.7	11	2	1052.0	1878.0	-
142776.0	84.9	11	3	1398.0	1322.0	1837.0

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)
419601.0	88.6	9	3	1110.0	1577.0	1063.0
683016.0	88.5	9	3	1534.0	1096.0	1527.0
947902.0	67.7	9	2	1068.0	1580.0	-
123735.0	58.4	9	1	1265.0	-	-
387108.0	90.1	9	3	1163.0	1148.0	1482.0
649994.0	97.8	9	3	1741.0	1413.0	1931.0
916182.0	59.2	9	1	1707.0	-	-
90846.0	89.8	9	3	1524.0	1786.0	1974.0
354474.0	88.6	9	3	1060.0	1759.0	1455.0
619767.0	54.8	9	1	1197.0	-	-
884176.0	50.4	9	1	1050.0	-	-

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)
32157.0	70.2	20	2	1271.0	1089.0	-
176887.0	70.4	20	2	1108.0	1983.0	-
320956.0	99.4	20	3	1316.0	1870.0	1205.0
464976.0	89.7	20	3	1991.0	1632.0	1323.0
14330.0	61.9	20	1	1231.0	-	-
158725.0	94.5	20	3	1817.0	1325.0	1186.0
303111.0	91.9	20	3	1367.0	1281.0	1843.0
449002.0	74.6	20	2	1376.0	1171.0	-
593786.0	78.7	20	2	1127.0	1538.0	-
141187.0	72.1	20	2	1756.0	1483.0	-
286053.0	74.0	20	2	1673.0	1289.0	-
430188.0	86.9	20	3	1474.0	1339.0	1072.0
576704.0	52.4	20	1	1873.0	-	-
123706.0	58.5	20	1	1562.0	-	-
268436.0	82.1	20	2	1308.0	1167.0	-
411533.0	85.2	20	3	1633.0	1678.0	1798.0
557368.0	75.1	20	2	1726.0	1718.0	-
105901.0	65.3	20	1	1154.0	-	-
251199.0	54.1	20	1	1011.0	-	-
393982.0	99.7	20	3	1651.0	1342.0	1782.0

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)
830593.0	98.9	11	3	1649.0	1645.0	1427.0
134980.0	88.5	11	3	1609.0	1929.0	1100.0
358924.0	64.0	11	1	1572.0	-	-
580789.0	97.6	11	3	1227.0	1621.0	1301.0
804974.0	82.8	11	2	1517.0	1128.0	-
107556.0	98.8	11	3	1813.0	1452.0	1255.0
331118.0	73.8	11	2	1071.0	1270.0	-
554176.0	81.2	11	2	1019.0	1736.0	-
777472.0	68.4	11	2	1605.0	1045.0	-
80365.0	52.4	11	1	1652.0	-	-
303328.0	73.1	11	2	1819.0	1384.0	-
526499.0	76.7	11	2	1745.0	1331.0	-
748164.0	96.2	11	3	1509.0	1763.0	1600.0

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)
52617.0	83.7	11	3	1696.0	1900.0	1899.0
276369.0	50.0	11	1	1462.0	-	-
499740.0	56.5	11	1	1738.0	-	-
722078.0	67.1	11	2	1942.0	1217.0	-
25323.0	53.6	11	1	1201.0	-	-
248086.0	97.7	11	3	1182.0	1814.0	1244.0
470569.0	94.0	11	3	1964.0	1162.0	1824.0
695801.0	62.1	11	1	1564.0	-	-
917940.0	79.6	11	2	1277.0	1647.0	-
220462.0	98.0	11	3	1441.0	1737.0	1789.0
444774.0	62.7	11	1	1567.0	-	-
668288.0	64.6	11	1	1540.0	-	-
892148.0	51.5	11	1	1170.0	-	-

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)
193724.0	65.2	11	1	1687.0	-	-
415432.0	100.0	11	3	1915.0	1795.0	1859.0
640586.0	58.0	11	1	1787.0	-	-
864455.0	62.5	11	1	1332.0	-	-
165578.0	84.2	11	3	1471.0	1825.0	1830.0
389048.0	74.5	11	2	1507.0	1637.0	-
611714.0	84.4	11	3	1041.0	1184.0	1590.0
836723.0	55.2	11	1	1547.0	-	-
138632.0	51.6	11	1	1955.0	-	-
361350.0	81.8	11	2	1875.0	1818.0	-
585750.0	56.4	11	1	1458.0	-	-
809032.0	51.8	11	1	1731.0	-	-
111142.0	56.8	11	1	1721.0	-	-

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)
362473.0	63.1	9	1	1894.0	-	-
603854.0	70.6	9	2	1284.0	1750.0	-
846796.0	60.6	9	1	1683.0	-	-
90584.0	56.2	9	1	1879.0	-	-
332386.0	76.2	9	2	1105.0	1594.0	-
573529.0	99.0	9	3	1029.0	1693.0	1252.0
815108.0	97.4	9	3	1393.0	1014.0	1553.0
60598.0	90.8	9	3	1576.0	1156.0	1902.0
302479.0	68.7	9	2	1839.0	1235.0	-
544862.0	58.4	9	1	1980.0	-	-
786279.0	75.5	9	2	1294.0	1490.0	-
30886.0	68.1	9	2	1876.0	1995.0	-

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)
181526.0	71.4	17	2	1104.0	1938.0	-
342369.0	67.7	17	2	1889.0	1360.0	-
504550.0	60.2	17	1	1560.0	-	-
749.0	87.5	17	3	1107.0	1699.0	1695.0
161708.0	69.2	17	2	1043.0	1969.0	-
322359.0	90.5	17	3	1347.0	1077.0	1219.0
484596.0	51.2	17	1	1677.0	-	-
644636.0	83.0	17	2	1804.0	1150.0	-
141951.0	81.2	17	2	1158.0	1532.0	-
302141.0	83.5	17	3	1101.0	1846.0	1595.0
463998.0	73.9	17	2	1569.0	1155.0	-
624294.0	73.2	17	2	1700.0	1800.0	-
122418.0	55.9	17	1	1040.0	-	-
283300.0	68.2	17	2	1246.0	1092.0	-
443353.0	98.7	17	3	1113.0	1808.0	1013.0
603155.0	92.3	17	3	1269.0	1971.0	1716.0
101982.0	90.9	17	3	1961.0	1619.0	1039.0
263217.0	82.1	17	2	1169.0	1767.0	-

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)
509134.0	68.3	13	2	1941.0	1421.0	-
703607.0	50.1	13	1	1930.0	-	-
99095.0	65.2	13	1	1914.0	-	-
291861.0	96.8	13	3	1440.0	1521.0	1122.0
485235.0	84.5	13	3	1146.0	1295.0	1084.0
679365.0	73.4	13	2	1375.0	1024.0	-
75285.0	51.4	13	1	1574.0	-	-
268447.0	73.4	13	2	1766.0	1237.0	-
461937.0	71.7	13	2	1442.0	1229.0	-
656025.0	63.8	13	1	1806.0	-	-
51323.0	67.2	13	2	1526.0	1749.0	-
245035.0	60.8	13	1	1709.0	-	-
437118.0	96.6	13	3	1174.0	1901.0	1412.0
630153.0	91.5	13	3	1850.0	1466.0	1049.0
27554.0	82.5	13	2	1057.0	1276.0	-

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)
164732.0	94.4	19	3	1987.0	1473.0	1999.0
310888.0	62.7	19	1	1685.0	-	-
455914.0	56.8	19	1	1796.0	-	-
2785.0	74.2	19	2	1866.0	1563.0	-
147565.0	67.7	19	2	1175.0	1881.0	-
292278.0	82.4	19	2	1742.0	1445.0	-
435112.0	91.3	19	3	2000.0	1956.0	1842.0
583062.0	55.1	19	1	1862.0	-	-
129830.0	68.9	19	2	1025.0	1575.0	-
274932.0	75.7	19	2	1136.0	1000.0	-
419322.0	79.7	19	2	1470.0	1536.0	-
563084.0	96.7	19	3	1129.0	1963.0	1002.0
111647.0	87.5	19	3	1183.0	1628.0	1586.0
257412.0	50.3	19	1	1344.0	-	-
402241.0	58.0	19	1	1885.0	-	-
547197.0	50.2	19	1	2000.0	-	-
94346.0	55.1	19	1	1273.0	-	-
238175.0	100.0	19	3	1597.0	1658.0	1468.0
382898.0	86.6	19	3	1095.0	1416.0	1668.0
528114.0	90.1	19	3	1037.0	1226.0	1114.0

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)
152831.0	75.4	8	2	1522.0	1704.0	-
443636.0	52.9	8	1	1740.0	-	-
733483.0	74.6	8	2	1625.0	1370.0	-
1023149.0	83.2	8	2	1751.0	1998.0	-
116852.0	86.9	8	3	1807.0	1951.0	1784.0
406664.0	86.1	8	3	1892.0	1589.0	1712.0
696636.0	95.9	8	3	1591.0	1613.0	1656.0
987812.0	68.8	8	2	1489.0	1776.0	-
81244.0	87.5	8	3	1551.0	1396.0	1479.0
372064.0	65.7	8	1	1670.0	-	-

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)
388943.0	70.4	17	2	1297.0	1275.0	-
557745.0	87.0	17	3	1592.0	1404.0	1805.0
26770.0	82.5	17	2	1034.0	1840.0	-
196783.0	90.7	17	3	1622.0	1908.0	1087.0
368313.0	61.5	17	1	1844.0	-	-
539364.0	55.4	17	1	1453.0	-	-
5756.0	91.9	17	3	1801.0	1249.0	1305.0
176233.0	68.0	17	2	1407.0	1614.0	-
346520.0	73.1	17	2	1505.0	1880.0	-
516337.0	99.8	17	3	1616.0	1320.0	1211.0
687669.0	77.1	17	2	1773.0	1210.0	-
154763.0	95.1	17	3	1499.0	1734.0	1927.0
324813.0	96.4	17	3	1626.0	1972.0	1341.0
496416.0	71.1	17	2	1137.0	1533.0	-
668536.0	54.8	17	1	1016.0	-	-
134157.0	76.7	17	2	1962.0	1486.0	-
305387.0	63.9	17	1	1446.0	-	-

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)
899724.0	73.0	6	2	1346.0	1135.0	-
1223232.0	63.7	6	1	1682.0	-	-
214642.0	63.5	6	1	1094.0	-	-
537517.0	62.0	6	1	1675.0	-	-
860525.0	60.9	6	1	1615.0	-	-
1183490.0	59.9	6	1	1636.0	-	-
174829.0	51.3	6	1	1192.0	-	-
497721.0	57.1	6	1	1711.0	-	-
819308.0	91.5	6	3	1510.0	1066.0	1365.0

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)
510732.0	88.2	19	3	1399.0	1944.0	1976.0
60490.0	73.6	19	2	1350.0	1897.0	-
204794.0	87.4	19	3	1448.0	1356.0	1686.0
350409.0	81.7	19	2	1190.0	1279.0	-
493026.0	86.5	19	3	1949.0	1641.0	1657.0
42733.0	72.4	19	2	1116.0	1149.0	-
187564.0	67.6	19	2	1681.0	1023.0	-
333012.0	53.1	19	1	1653.0	-	-
478000.0	55.2	19	1	1816.0	-	-
24768.0	92.7	19	3	1336.0	1598.0	1925.0
170093.0	64.2	19	1	1394.0	-	-
313455.0	96.9	19	3	1438.0	1981.0	1428.0
457991.0	88.9	19	3	1662.0	1173.0	1761.0
7028.0	52.5	19	1	1497.0	-	-
152271.0	58.4	19	1	1152.0	-	-
295762.0	87.2	19	3	1319.0	1754.0	1599.0
441953.0	76.8	19	2	1218.0	1012.0	-
584376.0	86.9	19	3	1493.0	1797.0	1542.0
134254.0	63.0	19	1	1720.0	-	-
278940.0	80.3	19	2	1380.0	1230.0	-

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)
1063027.0	56.5	5	1	1643.0	-	-
1426520.0	53.4	5	1	1545.0	-	-
291299.0	78.4	5	2	1056.0	1451.0	-
654780.0	60.2	5	1	1841.0	-	-
1017483.0	72.1	5	2	1147.0	1646.0	-
1380281.0	72.9	5	2	1195.0	1948.0	-
246711.0	55.0	5	1	1604.0	-	-
609712.0	74.0	5	2	1537.0	1067.0	-

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)
865323.0	53.6	6	1	1480.0	-	-
1188077.0	59.5	6	1	1774.0	-	-
179303.0	77.0	6	2	1585.0	1374.0	-
501736.0	81.2	6	2	1815.0	1739.0	-
823612.0	83.5	6	3	1069.0	1608.0	1905.0
1147259.0	70.1	6	2	1203.0	1775.0	-
139571.0	67.3	6	2	1544.0	1293.0	-
462071.0	68.3	6	2	1432.0	1946.0	-
784752.0	80.7	6	2	1705.0	1461.0	-
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)
584134.0	91.5	17	3	1090.0	1236.0	1891.0
52877.0	63.2	17	1	1111.0	-	-
223657.0	54.6	17	1	1583.0	-	-
394075.0	77.5	17	2	1285.0	1007.0	-
562453.0	93.2	17	3	1864.0	1313.0	1937.0
31803.0	65.9	17	1	1558.0	-	-
202725.0	62.1	17	1	1204.0	-	-
373434.0	62.4	17	1	1578.0	-	-
543218.0	67.1	17	2	1224.0	1689.0	-
10708.0	84.2	17	3	1755.0	1823.0	1491.0
181534.0	61.2	17	1	1744.0	-	-
352340.0	55.0	17	1	1684.0	-	-
522273.0	74.9	17	2	1511.0	1328.0	-
691234.0	84.1	17	3	1307.0	1832.0	1272.0
160318.0	73.0	17	2	1529.0	1009.0	-
330355.0	88.3	17	3	1243.0	1032.0	1424.0
500838.0	76.9	17	2	1747.0	1698.0	-

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)
1037302.0	84.9	9	3	1779.0	1671.0	1883.0
215066.0	84.7	9	3	1506.0	1932.0	1618.0
478576.0	95.2	9	3	1144.0	1603.0	1954.0
742615.0	77.2	9	2	1906.0	1918.0	-
1008545.0	59.5	9	1	1364.0	-	-
183247.0	63.6	9	1	1371.0	-	-
447057.0	67.3	9	2	1300.0	1134.0	-
709910.0	93.6	9	3	1856.0	1209.0	1109.0
972624.0	99.5	9	3	1903.0	1965.0	1259.0
150355.0	95.8	9	3	1264.0	1165.0	1415.0
414790.0	65.7	9	1	1777.0	-	-
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)
621330.0	83.1	10	2	1694.0	1587.0	-
864719.0	63.3	10	1	1373.0	-	-
108066.0	68.7	10	2	1967.0	1469.0	-
349614.0	85.2	10	3	1098.0	1103.0	1663.0
590776.0	90.1	10	3	1475.0	1661.0	1456.0
835116.0	56.4	10	1	1097.0	-	-
78195.0	85.3	10	3	1911.0	1377.0	1414.0
319926.0	73.7	10	2	1833.0	1810.0	-
562545.0	58.3	10	1	1921.0	-	-
804765.0	52.7	10	1	1729.0	-	-
48635.0	63.3	10	1	1119.0	-	-
290218.0	87.6	10	3	1225.0	1216.0	1006.0

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)
336472.0	66.3	19	1	1191.0	-	-
486364.0	97.8	19	3	1530.0	1543.0	1978.0
11856.0	55.0	19	1	1477.0	-	-
163937.0	88.7	19	3	1887.0	1361.0	1055.0
316538.0	93.9	19	3	1070.0	1291.0	1015.0
468760.0	68.9	19	2	1868.0	1692.0	-
621419.0	78.8	19	2	1238.0	1973.0	-
145575.0	75.4	19	2	1642.0	1028.0	-
298627.0	54.0	19	1	1571.0	-	-
449610.0	92.9	19	3	1669.0	1051.0	1382.0
604586.0	56.6	19	1	1189.0	-	-
126563.0	85.2	19	3	1018.0	1430.0	1333.0
279033.0	82.7	19	2	1994.0	1317.0	-
431440.0	73.1	19	2	1838.0	1426.0	-
585340.0	53.4	19	1	1635.0	-	-
107841.0	82.0	19	2	1799.0	1791.0	-
259868.0	99.7	19	3	1312.0	1519.0	1436.0
411940.0	87.3	19	3	1898.0	1125.0	1352.0
563800.0	84.0	19	3	1539.0	1913.0	1208.0

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)
141240.0	93.8	10	3	1481.0	1372.0	1443.0
383195.0	70.2	10	2	1388.0	1697.0	-
623962.0	96.5	10	3	1502.0	1917.0	1287.0
866633.0	79.4	10	2	1397.0	1836.0	-
111813.0	53.8	10	1	1447.0	-	-
354049.0	65.4	10	1	1292.0	-	-
595204.0	76.1	10	2	1463.0	1610.0	-
838690.0	64.9	10	1	1048.0	-	-
81898.0	68.4	10	2	1042.0	1437.0	-
323264.0	98.9	10	3	1679.0	1516.0	1021.0
564564.0	99.4	10	3	1852.0	1176.0	1557.0
807059.0	80.0	10	2	1566.0	1691.0	-

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)
48038.0	74.1	11	2	1886.0	1392.0	-
271466.0	71.6	11	2	1093.0	1004.0	-
493206.0	97.1	11	3	1953.0	1263.0	1910.0
717108.0	78.8	11	2	1809.0	1688.0	-
20557.0	79.4	11	2	1624.0	1790.0	-
244132.0	54.5	11	1	1420.0	-	-
466666.0	74.9	11	2	1476.0	1909.0	-
689624.0	73.5	11	2	1665.0	1848.0	-
913064.0	74.6	11	2	1568.0	1525.0	-
216084.0	70.7	11	2	1975.0	1634.0	-
439439.0	70.3	11	2	1369.0	1495.0	-
663784.0	61.6	11	1	1248.0	-	-
884026.0	90.3	11	3	1423.0	1561.0	1723.0

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)
163878.0	56.7	13	1	1121.0	-	-
356217.0	83.6	13	3	1727.0	1054.0	1501.0
551377.0	52.4	13	1	1132.0	-	-
743061.0	66.9	13	2	1638.0	1710.0	-
140015.0	53.0	13	1	1106.0	-	-
333753.0	53.3	13	1	1153.0	-	-
526470.0	74.1	13	2	1324.0	1386.0	-
719836.0	71.0	13	2	1133.0	1579.0	-
115870.0	68.8	13	2	1552.0	1467.0	-
309456.0	69.6	13	2	1026.0	1239.0	-
502435.0	67.4	13	2	1267.0	1785.0	-
695802.0	69.9	13	2	1194.0	1764.0	-
92030.0	68.4	13	2	1989.0	1298.0	-
285766.0	51.2	13	1	1869.0	-	-
478444.0	73.3	13	2	1425.0	1933.0	-

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)
720048.0	67.8	13	2	1958.0	1143.0	-
73265.0	53.9	13	1	1620.0	-	-
280860.0	60.3	13	1	1306.0	-	-
487071.0	76.6	13	2	1821.0	1861.0	-
695833.0	54.6	13	1	1504.0	-	-
47704.0	62.8	13	1	1676.0	-	-
254935.0	82.5	13	2	1124.0	1378.0	-
462804.0	63.5	13	1	1408.0	-	-
667683.0	85.6	13	3	1845.0	1719.0	1245.0
22081.0	94.4	13	3	1311.0	1329.0	1607.0
229073.0	74.1	13	2	1792.0	1940.0	-
436228.0	77.4	13	2	1986.0	1402.0	-
643876.0	74.7	13	2	1355.0	1256.0	-
852512.0	63.8	13	1	1220.0	-	-

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)
317655.0	59.3	6	1	1706.0	-	-
640458.0	73.0	6	2	1035.0	1001.0	-
961843.0	99.9	6	3	1389.0	1159.0	1556.0
1283211.0	84.8	6	3	1860.0	1433.0	1858.0
277156.0	89.1	6	3	1970.0	1996.0	1180.0
599530.0	97.1	6	3	1570.0	1760.0	1268.0
923007.0	81.8	6	2	1309.0	1535.0	-
1245168.0	73.6	6	2	1528.0	1877.0	-
237624.0	98.1	6	3	1639.0	1075.0	1611.0



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

Type 6 Radar Waveform_0					
Frequency List (MHz)	0	1	2	3	4
0	5438	5641	5506	5444	5443
5	5672	5313	5489	5475	5709
10	5298	5590	5396	5284	5401
15	5594	5575	5490	5631	5315
20	5670	5360	5426	5388	5289
25	5534	5274	5570	5399	5340
30	5459	5508	5710	5668	5441
35	5423	5566	5384	5680	5536
40	5681	5357	5326	5629	5301
45	5337	5589	5563	5595	5571
50	5418	5425	5562	5368	5405
55	5634	5270	5565	5385	5597
60	5612	5511	5411	5341	5367
65	5403	5402	5271	5541	5278
70	5549	5567	5281	5688	5252
75	5320	5580	5632	5599	5662
80	5561	5542	5544	5323	5268
85	5657	5417	5687	5431	5540
90	5468	5685	5695	5436	5574
95	5377	5659	5428	5601	5720

Type 6 Radar Waveform_1					
Frequency List (MHz)	0	1	2	3	4
0	5693	5405	5442	5508	5663
5	5714	5335	5564	5638	5441
10	5704	5379	5437	5479	5422
15	5682	5702	5593	5579	5604
20	5678	5429	5464	5477	5262
25	5698	5298	5503	5374	5501
30	5397	5286	5450	5482	5580
35	5611	5362	5493	5616	5619
40	5597	5323	5461	5281	5420
45	5550	5385	5447	5291	5469
50	5514	5288	5312	5588	5363
55	5287	5311	5557	5343	5334
60	5384	5665	5449	5341	5578
65	5336	5556	5409	5632	5570
70	5605	5664	5686	5667	5700
75	5366	5675	5342	5706	5653
80	5541	5615	5268	5499	5261
85	5555	5452	5582	5290	5705
90	5474	5719	5577	5448	5525
95	5629	5361	5407	5540	5432

Type 6 Radar Waveform_2					
Frequency List (MHz)	0	1	2	3	4
0	5473	5644	5378	5669	5505
5	5260	5639	5326	5270	5538
10	5265	5478	5674	5443	5295
15	5257	5696	5624	5321	5686
20	5595	5405	5469	5710	5688
25	5550	5501	5607	5408	5543
30	5286	5718	5568	5594	5302
35	5719	5702	5633	5268	5687
40	5455	5557	5362	5320	5390
45	5503	5608	5572	5272	5323
50	5467	5520	5603	5586	5634
55	5306	5542	5553	5581	5282
60	5643	5452	5599	5635	5330
65	5391	5398	5377	5313	5703
70	5359	5578	5618	5670	5454
75	5640	5645	5636	5723	5346
80	5561	5310	5598	5395	5716
85	5441	5335	5646	5438	5440
90	5453	5406	5355	5585	5480
95	5656	5684	5442	5289	5332

Type 6 Radar Waveform_3					
Frequency List (MHz)	0	1	2	3	4
0	5253	5505	5314	5355	5250
5	5420	5282	5617	5392	5477
10	5469	5529	5519	5297	5464
15	5383	5384	5324	5669	5513
20	5597	5664	5346	5558	5683
25	5576	5402	5607	5333	5442
30	5682	5272	5675	5308	5368
35	5286	5318	5526	5421	5698
40	5294	5407	5495	5317	5697
45	5619	5586	5666	5625	5537
50	5674	5643	5571	5409	5578
55	5494	5496	5268	5400	5631
60	5544	5579	5461	5276	5592
65	5347	5413	5620	5498	5637
70	5650	5604	5673	5303	5616
75	5508	5542	5395	5379	5559
80	5401	5438	5530	5646	5280
85	5403	5548	5388	5457	5603
90	5560	5583	5690	5719	5264
95	5426	5353	5435	5622	5700

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5411	5269	5250	5516	5567
5	5462	5682	5692	5555	5684
10	5400	5318	5560	5492	5485
15	5374	5511	5427	5617	5705
20	5605	5355	5287	5550	5656
25	5367	5351	5335	5437	5476
30	5724	5636	5632	5523	5520
35	5320	5425	5409	5322	5574
40	5612	5608	5490	5336	5270
45	5314	5626	5599	5669	5627
50	5678	5424	5453	5344	5622
55	5403	5707	5450	5458	5694
60	5602	5329	5307	5489	5384
65	5697	5415	5296	5352	5390
70	5343	5722	5590	5676	5592
75	5563	5477	5488	5535	5620
80	5647	5433	5635	5464	5435
85	5549	5463	5265	5353	5376
90	5603	5589	5504	5576	5319
95	5410	5251	5625	5538	5281

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5666	5508	5661	5677	5312
5	5504	5704	5292	5718	5513
10	5709	5582	5601	5687	5506
15	5462	5638	5433	5662	5422
20	5613	5424	5325	5639	5629
25	5255	5678	5538	5541	5510
30	5291	5525	5589	5263	5294
35	5615	5564	5500	5593	5349
40	5526	5447	5573	5274	5408
45	5555	5579	5277	5685	5256
50	5689	5329	5520	5673	5492
55	5369	5395	5404	5648	5416
60	5458	5472	5434	5265	5616
65	5720	5388	5660	5621	5301
70	5379	5568	5522	5446	5608
75	5327	5543	5315	5527	5432
80	5445	5452	5536	5426	5457
85	5696	5624	5326	5415	5595
90	5386	5690	5374	5394	5721
95	5604	5641	5479	5715	5649

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5446	5272	5597	5363	5629
5	5643	5367	5406	5720	5640
10	5371	5642	5407	5527	5550
15	5290	5536	5707	5614	5524
20	5590	5266	5631	5602	5618
25	5627	5645	5544	5430	5511
30	5546	5381	5338	5703	5688
35	5486	5502	5537	5383	5278
40	5687	5275	5405	5387	5559
45	5360	5268	5309	5576	5680
50	5696	5724	5581	5256	5691
55	5583	5358	5710	5587	5637
60	5476	5608	5686	5439	5669
65	5327	5397	5455	5424	5488
70	5659	5304	5447	5481	5318
75	5582	5579	5556	5672	5479
80	5429	5262	5452	5378	5552
85	5661	5416	5580	5601	5598
90	5421	5475	5619	5269	5677
95	5335	5386	5295	5329	5545

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5701	5511	5533	5524	5374
5	5685	5651	5442	5472	5452
10	5571	5257	5305	5602	5548
15	5638	5320	5639	5277	5331
20	5532	5281	5682	5720	5575
25	5409	5479	5469	5371	5578
30	5400	5503	5596	5695	5633
35	5270	5304	5282	5655	5451
40	5697	5361	5625	5418	5402
45	5316	5539	5443	5704	5362
50	5366	5459	5397	5300	5292
55	5554	5635	5674	5312	5553
60	5529	5716	5327	5421	5434
65	5632	5640	5618	5363	5347
70	5702	5657	5645	5404	5552
75	5423	5440	5287	5276	5392
80	5563	5356	5666	5453	5643
85	5275	5329	5457	5355	5317
90	5449	5269	5370	5344	5607
95	5528	5433	5724	5484	5517

Type 6 Radar Waveform_8					
Frequency List (MHz)	0	1	2	3	4
0	5384	5275	5469	5588	5691
5	5252	5576	5517	5635	5281
10	5405	5521	5346	5700	5569
15	5629	5447	5267	5523	5540
20	5350	5720	5712	5548	5297
25	5331	5575	5475	5612	5514
30	5289	5460	5336	5372	5356
35	5409	5395	5553	5430	5365
40	5536	5444	5563	5658	5399
45	5623	5519	5526	5287	5318
50	5253	5335	5573	5351	5381
55	5377	5482	5387	5266	5646
60	5348	5389	5370	5492	5366
65	5311	5260	5675	5463	5567
70	5439	5617	5505	5254	5631
75	5407	5401	5634	5396	5438
80	5544	5608	5301	5709	5710
85	5338	5326	5652	5258	5509
90	5364	5494	5421	5418	5542
95	5435	5410	5539	5443	5415

Type 6 Radar Waveform_9					
Frequency List (MHz)	0	1	2	3	4
0	5639	5514	5405	5274	5436
5	5294	5598	5592	5323	5488
10	5336	5310	5387	5420	5590
15	5717	5574	5370	5270	5337
20	5451	5516	5661	5326	5521
25	5563	5280	5303	5579	5646
30	5653	5275	5417	5551	5621
35	5651	5548	5486	5349	5583
40	5376	5375	5527	5501	5423
45	5396	5552	5402	5609	5345
50	5371	5518	5686	5470	5578
55	5426	5575	5361	5545	5360
60	5499	5657	5311	5618	5658
65	5664	5338	5271	5509	5714
70	5507	5628	5358	5603	5581
75	5525	5385	5314	5490	5399
80	5401	5372	5258	5476	5472
85	5556	5362	5569	5600	5716
90	5670	5283	5594	5524	5313
95	5418	5523	5547	5587	5580

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5419	5278	5341	5435	5433
5	5523	5667	5486	5695	5645
10	5574	5428	5615	5611	5330
15	5701	5376	5315	5529	5459
20	5585	5602	5318	5494	5451
25	5607	5506	5683	5680	5639
30	5374	5669	5298	5471	5590
35	5577	5717	5261	5290	5689
40	5707	5439	5663	5490	5481
45	5382	5692	5403	5424	5405
50	5562	5450	5453	5559	5401
55	5273	5288	5552	5551	5364
60	5331	5531	5347	5353	5484
65	5567	5487	5465	5304	5489
70	5495	5700	5510	5477	5351
75	5317	5475	5636	5627	5540
80	5271	5563	5464	5320	5664
85	5415	5532	5705	5426	5342
90	5560	5722	5637	5397	5649
95	5508	5686	5681	5713	5618

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5674	5517	5277	5596	5498
5	5475	5545	5267	5552	5524
10	5576	5363	5469	5335	5632
15	5418	5353	5479	5360	5721
20	5467	5276	5640	5407	5717
25	5556	5709	5409	5714	5262
30	5625	5331	5547	5669	5254
35	5668	5513	5511	5679	5315
40	5377	5487	5313	5362	5300
45	5364	5477	5670	5341	5626
50	5504	5270	5699	5692	5476
55	5506	5266	5658	5680	5660
60	5512	5298	5379	5310	5688
65	5414	5410	5574	5292	5664
70	5686	5610	5326	5327	5444
75	5659	5295	5317	5534	5527
80	5252	5624	5384	5539	5257
85	5495	5368	5380	5590	5455
90	5253	5434	5297	5704	5492
95	5681	5662	5309	5436	5616

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5454	5281	5688	5282	5340
5	5517	5470	5342	5715	5256
10	5507	5724	5510	5530	5653
15	5409	5383	5582	5308	5438
20	5378	5345	5581	5399	5440
25	5605	5408	5437	5513	5273
30	5304	5514	5288	5624	5699
35	5489	5393	5381	5309	5664
40	5690	5464	5398	5693	5571
45	5484	5717	5422	5557	5692
50	5327	5555	5359	5522	5539
55	5460	5456	5380	5651	5314
60	5677	5718	5686	5708	5556
65	5414	5363	5349	5523	5466
70	5570	5261	5294	5613	5650
75	5681	5710	5413	5341	5468
80	5569	5547	5319	5687	5579
85	5671	5560	5538	5431	5578
90	5620	5356	5608	5694	5284
95	5573	5641	5412	5634	5711

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5612	5520	5624	5443	5560
5	5656	5492	5417	5403	5463
10	5341	5513	5551	5628	5674
15	5497	5510	5685	5353	5630
20	5386	5511	5522	5488	5413
25	5493	5260	5543	5617	5307
30	5720	5364	5473	5687	5532
35	5472	5677	5342	5604	5303
40	5578	5631	5336	5481	5549
45	5322	5466	5480	5583	5347
50	5568	5503	5606	5448	5723
55	5483	5280	5414	5646	5622
60	5367	5285	5518	5534	5502
65	5712	5312	5385	5355	5261
70	5373	5333	5616	5499	5657
75	5669	5424	5484	5546	5346
80	5564	5275	5689	5299	5442
85	5655	5611	5398	5310	5362
90	5545	5576	5418	5339	5557
95	5477	5523	5515	5454	5331

Type 6 Radar Waveform_14					
Frequency List (MHz)	0	1	2	3	4
0	5392	5284	5560	5604	5402
5	5698	5417	5492	5566	5670
10	5272	5302	5592	5348	5695
15	5585	5637	5313	5398	5347
20	5394	5580	5480	5386	5684
25	5271	5721	5341	5485	5389
30	5677	5482	5625	5507	5574
35	5563	5473	5518	5617	5661
40	5569	5479	5478	5549	5441
45	5636	5709	5444	5679	5657
50	5537	5546	5330	5468	5368
55	5361	5493	5593	5572	5532
60	5705	5350	5457	5448	5438
65	5261	5324	5565	5628	5554
70	5502	5266	5716	5251	5633
75	5254	5544	5627	5527	5598
80	5292	5345	5647	5435	5686
85	5494	5355	5578	5372	5371
90	5436	5384	5596	5475	5579
95	5562	5541	5375	5618	5652

Type 6 Radar Waveform_15					
Frequency List (MHz)	0	1	2	3	4
0	5647	5523	5496	5290	5622
5	5265	5439	5567	5254	5499
10	5678	5566	5255	5543	5716
15	5673	5289	5319	5443	5539
20	5305	5271	5501	5569	5359
25	5536	5474	5447	5375	5527
30	5278	5634	5697	5399	5705
35	5713	5654	5269	5270	5529
40	5553	5507	5719	5572	5407
45	5660	5632	5592	5698	5380
50	5708	5626	5369	5274	5656
55	5322	5454	5312	5467	5604
60	5650	5657	5283	5491	5261
65	5685	5360	5397	5423	5357
70	5574	5252	5575	5609	5587
75	5601	5508	5336	5498	5683
80	5311	5345	5294	5541	5564
85	5390	5416	5640	5374	5516
90	5718	5579	5449	5273	5384
95	5721	5424	5394	5557	5675

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5427	5287	5432	5354	5464
5	5307	5461	5642	5320	5706
10	5512	5355	5296	5263	5262
15	5664	5319	5422	5391	5353
20	5313	5340	5442	5561	5332
25	5438	5485	5677	5551	5409
30	5666	5591	5437	5525	5377
35	5270	5540	5423	5443	5392
40	5352	5445	5484	5569	5714
45	5640	5715	5557	5645	5386
50	5574	5556	5284	5337	5667
55	5596	5369	5276	5644	5509
60	5258	5387	5595	5586	5584
65	5462	5634	5396	5607	5693
70	5635	5268	5335	5344	5424
75	5585	5449	5570	5687	5341
80	5489	5530	5415	5382	5403
85	5680	5506	5723	5611	5601
90	5659	5679	5441	5308	5614
95	5330	5380	5550	5503	5648

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5585	5526	5368	5515	5684
5	5446	5386	5717	5483	5438
10	5443	5619	5337	5458	5283
15	5277	5525	5436	5545	5321
20	5506	5383	5650	5305	5326
25	5405	5655	5708	5628	5548
30	5652	5325	5345	5516	5433
35	5673	5357	5706	5532	5724
40	5566	5643	5620	5323	5518
45	5698	5651	5450	5257	5335
50	5426	5393	5540	5557	5705
55	5359	5328	5409	5387	5552
60	5637	5418	5507	5285	5583
65	5439	5340	5347	5273	5464
70	5408	5442	5332	5470	5307
75	5428	5638	5567	5624	5677
80	5701	5626	5453	5564	5376
85	5644	5395	5556	5495	5487
90	5385	5282	5613	5559	5590
95	5544	5720	5452	5614	5343

Type 6 Radar Waveform_18					
Frequency List (MHz)	0	1	2	3	4
0	5365	5387	5304	5676	5526
5	5488	5408	5317	5646	5267
10	5277	5505	5378	5556	5573
15	5628	5481	5262	5707	5672
20	5421	5642	5278	5592	5664
25	5511	5284	5380	5275	5517
30	5295	5477	5543	5558	5549
35	5704	5351	5368	5545	5615
40	5321	5392	5563	5475	5600
45	5406	5576	5276	5538	5326
50	5433	5386	5515	5691	5270
55	5659	5622	5283	5516	5717
60	5582	5250	5333	5329	5486
65	5532	5371	5649	5716	5509
70	5307	5447	5500	5440	5367
75	5411	5452	5530	5451	5559
80	5419	5256	5309	5577	5626
85	5527	5471	5512	5446	5632
90	5660	5489	5521	5294	5252
95	5614	5671	5539	5699	5458

Type 6 Radar Waveform_19					
Frequency List (MHz)	0	1	2	3	4
0	5620	5626	5715	5362	5271
5	5530	5333	5392	5334	5474
10	5683	5294	5419	5276	5325
15	5453	5700	5256	5429	5454
20	5266	5251	5480	5613	5714
25	5388	5414	5406	5462	5510
30	5363	5697	5640	5500	5504
35	5282	5384	5698	5637	5632
40	5560	5404	5580	5489	5634
45	5329	5328	5609	5437	5604
50	5514	5331	5458	5264	5344
55	5254	5645	5407	5527	5557
60	5372	5687	5481	5310	5272
65	5422	5581	5293	5450	5349
70	5416	5326	5283	5572	5576
75	5432	5336	5648	5675	5420
80	5574	5616	5529	5709	5587
85	5663	5477	5400	5577	5355
90	5350	5495	5555	5403	5269
95	5669	5655	5561	5314	5707

Type 6 Radar Waveform_20					
Frequency List (MHz)	0	1	2	3	4
0	5400	5390	5651	5523	5588
5	5572	5355	5467	5681	5614
10	5558	5460	5471	5346	5444
15	5352	5262	5474	5646	5723
20	5432	5303	5699	5368	5465
25	5442	5589	5448	5456	5392
30	5419	5250	5403	5561	5361
35	5256	5393	5279	5671	5320
40	5575	5397	5654	5333	5560
45	5595	5382	5690	5310	5488
50	5315	5337	5653	5549	5567
55	5454	5638	5700	5677	5472
60	5389	5557	5318	5510	5430
65	5691	5542	5275	5376	5550
70	5673	5285	5252	5719	5413
75	5661	5487	5435	5571	5433
80	5648	5380	5345	5451	5350
85	5650	5515	5501	5492	5409
90	5512	5286	5724	5639	5335
95	5664	5609	5327	5504	5532

Type 6 Radar Waveform_21					
Frequency List (MHz)	0	1	2	3	4
0	5655	5629	5587	5684	5333
5	5711	5280	5542	5563	5510
10	5448	5347	5501	5666	5367
15	5532	5382	5365	5519	5363
20	5256	5341	5337	5672	5634
25	5414	5645	5693	5482	5498
30	5281	5376	5465	5652	5381
35	5403	5664	5432	5682	5486
40	5513	5637	5651	5640	5540
45	5653	5338	5480	5332	5539
50	5404	5635	5597	5262	5424
55	5644	5457	5671	5331	5514
60	5318	5383	5264	5379	5523
65	5434	5503	5362	5553	5522
70	5368	5719	5696	5715	5290
75	5394	5268	5296	5712	5595
80	5568	5628	5490	5610	5475
85	5310	5405	5598	5373	5680
90	5604	5526	5669	5524	5303
95	5304	5720	5708	5292	5422

Type 6 Radar Waveform_22					
Frequency List (MHz)	0	1	2	3	4
0	5338	5393	5523	5370	5650
5	5278	5302	5617	5251	5717
10	5379	5611	5542	5289	5388
15	5620	5509	5468	5564	5555
20	5642	5667	5282	5329	5645
25	5522	5266	5373	5322	5516
30	5637	5267	5333	5583	5579
35	5438	5460	5585	5596	5473
40	5569	5451	5305	5648	5423
45	5263	5711	5391	5367	5586
50	5662	5590	5493	5361	5541
55	5450	5378	5262	5276	5545
60	5427	5459	5625	5306	5307
65	5534	5328	5321	5258	5704
70	5348	5556	5371	5344	5678
75	5568	5360	5433	5472	5520
80	5406	5340	5658	5565	5335
85	5332	5573	5653	5359	5668
90	5610	5463	5551	5633	5320
95	5606	5421	5395	5530	5420

Type 6 Radar Waveform_23					
Frequency List (MHz)	0	1	2	3	4
0	5593	5632	5459	5434	5395
5	5320	5702	5692	5414	5449
10	5310	5497	5680	5484	5409
15	5708	5636	5571	5512	5272
20	5650	5261	5698	5418	5618
25	5313	5479	5426	5550	5679
30	5631	5290	5323	5578	5399
35	5681	5626	5256	5360	5510
40	5312	5652	5389	5545	5645
45	5401	5403	5346	5672	5444
50	5462	5363	5641	5582	5659
55	5388	5638	5332	5452	5473
60	5516	5589	5592	5404	5457
65	5607	5253	5260	5277	5357
70	5565	5499	5584	5588	5334
75	5656	5598	5637	5537	5480
80	5576	5453	5297	5419	5274
85	5504	5721	5465	5543	5713
90	5271	5633	5287	5410	5522
95	5391	5535	5616	5433	5688

Type 6 Radar Waveform_24					
Frequency List (MHz)	0	1	2	3	4
0	5373	5396	5395	5595	5615
5	5362	5724	5292	5480	5278
10	5619	5286	5721	5679	5430
15	5699	5288	5674	5557	5561
20	5658	5427	5261	5410	5591
25	5676	5542	5682	5627	5584
30	5520	5722	5538	5255	5597
35	5345	5717	5624	5513	5521
40	5723	5357	5327	5310	5642
45	5330	5383	5429	5497	5519
50	5338	5539	5692	5293	5482
55	5332	5351	5487	5718	5282
60	5349	5289	5433	5558	5701
65	5296	5300	5391	5290	5660
70	5417	5659	5447	5596	5409
75	5503	5622	5434	5549	5529
80	5530	5571	5309	5462	5360
85	5713	5588	5479	5486	5364
90	5295	5686	5700	5693	5279
95	5451	5469	5294	5499	5601

Type 6 Radar Waveform_25					
Frequency List (MHz)	0	1	2	3	4
0	5628	5635	5331	5281	5457
5	5501	5649	5367	5643	5485
10	5550	5287	5399	5451	5312
15	5415	5680	5602	5278	5569
20	5496	5677	5499	5564	5467
25	5394	5410	5256	5618	5288
30	5506	5679	5504	5417	5387
35	5333	5420	5666	5435	5562
40	5440	5265	5453	5261	5259
45	5363	5512	5313	5309	5689
50	5715	5268	5382	5305	5654
55	5539	5357	5586	5458	5372
60	5447	5391	5693	5356	5620
65	5284	5650	5332	5607	5661
70	5568	5354	5403	5296	5555
75	5378	5623	5290	5326	5639
80	5311	5260	5469	5459	5616
85	5430	5656	5671	5543	5409
90	5293	5468	5575	5388	5524
95	5397	5704	5271	5705	5614

Type 6 Radar Waveform_26					
Frequency List (MHz)	0	1	2	3	4
0	5311	5399	5267	5442	5677
5	5543	5671	5331	5692	5481
10	5339	5328	5594	5472	5400
15	5445	5308	5647	5470	5577
20	5662	5618	5491	5537	5355
25	5343	5613	5360	5652	5427
30	5395	5636	5396	5656	5712
35	5526	5424	5691	5344	5349
40	5401	5523	5678	5693	5258
45	5566	5595	5274	5603	5468
50	5319	5471	5506	5598	5630
55	5669	5547	5332	5404	5612
60	5336	5525	5657	5663	5485
65	5599	5368	5342	5553	5371
70	5426	5389	5287	5620	5626
75	5514	5250	5268	5578	5567
80	5532	5456	5275	5519	5369
85	5619	5291	5316	5704	5458
90	5256	5405	5579	5262	5295
95	5703	5351	5387	5381	5409

Type 6 Radar Waveform_27					
Frequency List (MHz)	0	1	2	3	4
0	5566	5638	5678	5603	5519
5	5585	5596	5517	5494	5521
10	5315	5369	5692	5493	5488
15	5572	5411	5595	5662	5256
20	5656	5580	5510	5621	5670
25	5341	5464	5686	5469	5284
30	5593	5611	5430	5435	5665
35	5515	5584	5594	5360	5715
40	5606	5458	5255	5495	5323
45	5332	5559	5461	5344	5370
50	5560	5329	5445	5343	5623
55	5262	5602	5303	5533	5302
60	5281	5357	5483	5609	5308
65	5645	5307	5649	5348	5472
70	5387	5372	5473	5694	5388
75	5479	5377	5258	5287	5588
80	5453	5470	5679	5420	5564
85	5427	5439	5717	5509	5599
90	5634	5668	5597	5289	5563
95	5400	5293	5561	5646	5503

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5346	5402	5614	5289	5264
5	5627	5618	5592	5560	5253
10	5721	5489	5410	5412	5514
15	5479	5699	5640	5379	5496
20	5422	5597	5572	5483	5509
25	5522	5447	5665	5720	5511
30	5270	5550	5351	5582	5255
35	5707	5703	5380	5272	5274
40	5554	5311	5457	5698	5252
45	5327	5681	5286	5390	5612
50	5348	5695	5671	5421	5649
55	5389	5531	5577	5452	5662
60	5467	5323	5664	5406	5555
65	5594	5343	5384	5667	5458
70	5696	5578	5432	5566	5508
75	5525	5358	5510	5300	5604
80	5655	5280	5353	5528	5642
85	5675	5374	5337	5722	5313
90	5268	5473	5599	5616	5689
95	5538	5487	5418	5395	5611

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5601	5641	5550	5450	5581
5	5291	5543	5667	5723	5460
10	5555	5278	5451	5607	5535
15	5567	5351	5617	5685	5571
20	5504	5588	5538	5661	5456
25	5397	5471	5650	5294	5279
30	5634	5507	5566	5356	5453
35	5371	5319	5651	5425	5663
40	5490	5394	5395	5366	5724
45	5256	5369	5665	5613	5372
50	5472	5360	5711	5719	5531
55	5545	5715	5720	5316	5632
60	5268	5496	5707	5598	5332
65	5379	5691	5510	5255	5361
70	5444	5457	5391	5668	5339
75	5287	5410	5385	5344	5343
80	5350	5482	5325	5467	5702
85	5295	5592	5585	5445	5478
90	5274	5384	5630	5633	5269
95	5311	5464	5458	5307	5513



Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2023-09-25		
Test Item	Radar Statistical Performance Check (802.11ax-HE160 – 5250MHz)		

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	5308	1	5275	1	5283	0	5250	0
1	5254	1	5273	1	5266	0	5327	1
2	5326	1	5289	1	5299	1	5254	1
3	5262	1	5286	1	5254	1	5320	1
4	5282	1	5272	1	5312	1	5273	1
5	5326	1	5288	1	5327	1	5292	1
6	5265	1	5251	1	5265	0	5322	1
7	5260	1	5322	1	5290	1	5298	1
8	5320	1	5273	1	5322	1	5315	1
9	5270	1	5280	1	5255	1	5252	0
10	5250	1	5320	1	5330	1	5269	1
11	5271	1	5266	1	5264	0	5318	0
12	5253	1	5250	1	5250	0	5281	1
13	5278	1	5293	0	5261	1	5287	0
14	5324	1	5268	1	5306	0	5291	1
15	5298	1	5278	1	5261	1	5272	1
16	5303	1	5286	1	5329	1	5311	1
17	5310	1	5290	1	5311	1	5324	1
18	5283	1	5324	1	5321	1	5255	1
19	5319	1	5275	1	5328	1	5319	1
20	5272	1	5303	1	5260	0	5290	1
21	5294	1	5259	1	5275	0	5310	0
22	5302	1	5274	1	5320	0	5287	1
23	5325	1	5282	1	5284	1	5319	0
24	5307	1	5330	1	5283	1	5317	0
25	5290	1	5292	1	5255	1	5272	1
26	5258	1	5271	1	5281	1	5263	1
27	5267	1	5305	1	5275	1	5259	1
28	5330	1	5277	1	5256	1	5284	1



Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
29	5292	1	5324	1	5261	1	5330	0
Probability:	100.0%		96.7%		70.0%		73.3%	
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	738.0	72	53136.0	Download	0	Type 2	4.5	166.0	29	4814.0
Download	1	Type 1	1.0	568.0	95	53010.0	Download	1	Type 2	4.8	202.0	29	5858.0
Download	2	Type 1	1.0	838.0	63	52794.0	Download	2	Type 2	1.3	194.0	23	4462.0
Download	3	Type 1	1.0	818.0	65	53170.0	Download	3	Type 2	3.0	155.0	26	4030.0
Download	4	Type 1	1.0	798.0	67	53466.0	Download	4	Type 2	1.2	211.0	23	4853.0
Download	5	Type 1	1.0	518.0	102	52836.0	Download	5	Type 2	4.9	214.0	29	6206.0
Download	6	Type 1	1.0	938.0	57	53466.0	Download	6	Type 2	1.2	204.0	23	4692.0
Download	7	Type 1	1.0	898.0	59	52982.0	Download	7	Type 2	1.7	184.0	24	4416.0
Download	8	Type 1	1.0	918.0	58	53244.0	Download	8	Type 2	2.7	185.0	26	4810.0
Download	9	Type 1	1.0	698.0	76	53048.0	Download	9	Type 2	5.0	179.0	29	5191.0
Download	10	Type 1	1.0	538.0	99	53262.0	Download	10	Type 2	1.9	169.0	24	4056.0
Download	11	Type 1	1.0	638.0	63	52954.0	Download	11	Type 2	3.6	190.0	27	5130.0
Download	12	Type 1	1.0	3066.0	18	55188.0	Download	12	Type 2	3.6	183.0	27	4941.0
Download	13	Type 1	1.0	758.0	70	53060.0	Download	13	Type 2	2.7	206.0	25	5150.0
Download	14	Type 1	1.0	578.0	92	53176.0	Download	14	Type 2	3.6	150.0	27	4050.0
Download	15	Type 1	1.0	2871.0	19	54549.0	Download	15	Type 2	3.8	164.0	27	4428.0
Download	16	Type 1	1.0	1952.0	28	54656.0	Download	16	Type 2	3.2	218.0	26	5668.0
Download	17	Type 1	1.0	919.0	58	53302.0	Download	17	Type 2	3.4	191.0	27	5157.0
Download	18	Type 1	1.0	1400.0	38	53200.0	Download	18	Type 2	4.9	177.0	29	5133.0
Download	19	Type 1	1.0	2183.0	25	54575.0	Download	19	Type 2	4.7	203.0	29	5887.0
Download	20	Type 1	1.0	2331.0	23	53613.0	Download	20	Type 2	3.1	198.0	26	5148.0
Download	21	Type 1	1.0	2609.0	21	54789.0	Download	21	Type 2	2.1	216.0	24	5184.0
Download	22	Type 1	1.0	2426.0	22	53372.0	Download	22	Type 2	4.6	167.0	29	4843.0
Download	23	Type 1	1.0	1370.0	39	53430.0	Download	23	Type 2	3.9	227.0	27	6129.0
Download	24	Type 1	1.0	3042.0	18	54756.0	Download	24	Type 2	1.4	210.0	23	4830.0
Download	25	Type 1	1.0	602.0	88	52976.0	Download	25	Type 2	4.2	158.0	28	4424.0
Download	26	Type 1	1.0	1841.0	29	53389.0	Download	26	Type 2	1.4	182.0	23	4186.0
Download	27	Type 1	1.0	2630.0	21	55230.0	Download	27	Type 2	4.3	157.0	28	4396.0
Download	28	Type 1	1.0	1802.0	30	54060.0	Download	28	Type 2	4.6	188.0	29	5452.0
Download	29	Type 1	1.0	2598.0	21	54558.0	Download	29	Type 2	4.7	196.0	29	5684.0



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	9.5	343.0	18	6174.0	Download	0	Type 4	18.8	343.0	16	5488.0
Download	1	Type 3	9.8	281.0	18	5058.0	Download	1	Type 4	19.4	281.0	16	4496.0
Download	2	Type 3	6.3	264.0	16	4224.0	Download	2	Type 4	11.6	264.0	12	3168.0
Download	3	Type 3	6.0	359.0	17	6103.0	Download	3	Type 4	15.4	359.0	14	5026.0
Download	4	Type 3	6.2	347.0	16	5552.0	Download	4	Type 4	11.5	347.0	12	4164.0
Download	5	Type 3	9.9	273.0	18	4914.0	Download	5	Type 4	19.7	273.0	16	4368.0
Download	6	Type 3	6.2	498.0	16	7968.0	Download	6	Type 4	11.4	498.0	12	5976.0
Download	7	Type 3	6.7	341.0	16	5456.0	Download	7	Type 4	12.6	341.0	12	4092.0
Download	8	Type 3	7.7	420.0	17	7140.0	Download	8	Type 4	14.9	420.0	14	5880.0
Download	9	Type 3	10.0	386.0	18	6948.0	Download	9	Type 4	20.0	386.0	16	6176.0
Download	10	Type 3	6.9	235.0	16	3760.0	Download	10	Type 4	13.0	235.0	13	3055.0
Download	11	Type 3	6.6	205.0	17	3485.0	Download	11	Type 4	16.8	205.0	15	3075.0
Download	12	Type 3	8.6	390.0	17	6630.0	Download	12	Type 4	16.7	390.0	15	5850.0
Download	13	Type 3	7.7	439.0	17	7463.0	Download	13	Type 4	14.8	439.0	14	6146.0
Download	14	Type 3	6.6	206.0	17	3502.0	Download	14	Type 4	16.8	206.0	15	3090.0
Download	15	Type 3	8.8	295.0	18	5310.0	Download	15	Type 4	17.3	295.0	15	4425.0
Download	16	Type 3	8.2	456.0	17	7752.0	Download	16	Type 4	16.0	456.0	14	6384.0
Download	17	Type 3	8.4	304.0	17	5169.0	Download	17	Type 4	16.3	304.0	14	4256.0
Download	18	Type 3	9.9	391.0	18	7038.0	Download	18	Type 4	19.6	391.0	16	6256.0
Download	19	Type 3	9.7	242.0	18	4356.0	Download	19	Type 4	19.3	242.0	16	3872.0
Download	20	Type 3	8.1	332.0	17	5644.0	Download	20	Type 4	15.6	332.0	14	4648.0
Download	21	Type 3	7.1	317.0	16	5072.0	Download	21	Type 4	13.5	317.0	13	4121.0
Download	22	Type 3	9.6	215.0	18	3870.0	Download	22	Type 4	19.1	215.0	16	3440.0
Download	23	Type 3	8.9	254.0	18	4572.0	Download	23	Type 4	17.4	254.0	15	3810.0
Download	24	Type 3	6.4	384.0	16	6144.0	Download	24	Type 4	11.9	384.0	12	4608.0
Download	25	Type 3	9.2	415.0	18	7470.0	Download	25	Type 4	18.1	415.0	15	6225.0
Download	26	Type 3	6.4	372.0	16	5952.0	Download	26	Type 4	11.9	372.0	12	4464.0
Download	27	Type 3	9.3	445.0	18	8010.0	Download	27	Type 4	18.4	445.0	16	7120.0
Download	28	Type 3	9.6	219.0	18	3942.0	Download	28	Type 4	19.1	219.0	16	3504.0
Download	29	Type 3	9.7	227.0	18	4086.0	Download	29	Type 4	19.4	227.0	16	3632.0



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	5290	1	15	5256.4	1
1	5290	1	16	5255.2	1
2	5290	1	17	5255.6	1
3	5290	1	18	5258	1
4	5290	1	19	5257.6	1
5	5290	1	20	5324.8	1
6	5290	1	21	5326.4	1
7	5290	1	22	5322.4	1
8	5290	1	23	5323.6	1
9	5290	1	24	5327.6	1
10	5253.2	1	25	5323.2	1
11	5256	1	26	5327.6	1
12	5256	1	27	5322.8	1
13	5254.4	1	28	5322.4	1
14	5256	1	29	5322.4	1
Detection Percentage (%)			100%		

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)
66847.0	93.2	18	3	1163.0	1985.0	1116.0
218694.0	96.5	18	3	1911.0	1685.0	1517.0
372756.0	53.6	18	1	1522.0	-	-
524103.0	74.4	18	2	1703.0	1572.0	-
48306.0	52.7	18	1	1662.0	-	-
200172.0	97.9	18	3	1349.0	1979.0	1180.0
353680.0	52.4	18	1	1974.0	-	-
506991.0	59.1	18	1	1213.0	-	-
29434.0	71.7	18	2	1182.0	1625.0	-
181437.0	99.8	18	3	1392.0	1434.0	1687.0
335377.0	61.1	18	1	1023.0	-	-
486704.0	82.4	18	2	1990.0	1102.0	-
10654.0	81.9	18	2	1195.0	1371.0	-
163045.0	71.1	18	2	1445.0	1752.0	-
315521.0	82.1	18	2	1576.0	1475.0	-
467030.0	85.1	18	3	1040.0	1839.0	1419.0
620482.0	77.5	18	2	1559.0	1405.0	-
144421.0	79.5	18	2	1516.0	1035.0	-
295638.0	97.8	18	3	1878.0	1997.0	1518.0

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)
425533.0	96.2	19	3	1930.0	1534.0	1100.0
571741.0	75.8	19	2	1280.0	1407.0	-
119472.0	64.2	19	1	1800.0	-	-
263272.0	94.8	19	3	1705.0	1214.0	1781.0
408002.0	85.6	19	3	1142.0	1907.0	1139.0
555099.0	55.4	19	1	1391.0	-	-
101143.0	89.1	19	3	1971.0	1353.0	1175.0
246650.0	55.4	19	1	1883.0	-	-
390190.0	91.1	19	3	1174.0	1540.0	1493.0
534473.0	94.7	19	3	1767.0	1199.0	1481.0
83312.0	96.2	19	3	1785.0	1825.0	1183.0
227721.0	83.7	19	3	1420.0	1777.0	1458.0
373468.0	80.0	19	2	1178.0	1306.0	-
519125.0	59.0	19	1	1630.0	-	-
65686.0	68.6	19	2	1876.0	1506.0	-
211170.0	57.1	19	1	1153.0	-	-
356396.0	57.3	19	1	1176.0	-	-
499549.0	68.3	19	2	1963.0	1697.0	-
47847.0	72.2	19	2	1650.0	1921.0	-
193173.0	63.6	19	1	1484.0	-	-

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)
845273.0	92.5	6	3	1224.0	1570.0	1903.0
1209384.0	81.9	6	2	1448.0	1450.0	-
75373.0	79.2	6	2	1649.0	1305.0	-
438514.0	75.6	6	2	1594.0	1154.0	-
800739.0	89.9	6	3	1704.0	1457.0	1278.0
1163449.0	90.2	6	3	1335.0	1621.0	1497.0
30678.0	66.0	6	1	1584.0	-	-
393299.0	92.8	6	3	1617.0	1538.0	1439.0
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)
432648.0	66.4	12	1	1323.0	-	-
640291.0	51.3	12	1	1217.0	-	-
847249.0	50.5	12	1	1854.0	-	-
199074.0	67.7	12	2	1511.0	1718.0	-
406550.0	77.6	12	2	1010.0	1430.0	-
614541.0	51.8	12	1	1467.0	-	-
819969.0	70.0	12	2	1779.0	1874.0	-
173443.0	94.1	12	3	1262.0	1543.0	1018.0
381079.0	79.0	12	2	1164.0	1135.0	-
589040.0	51.6	12	1	1377.0	-	-
795304.0	68.0	12	2	1735.0	1024.0	-
148121.0	68.9	12	2	1725.0	1117.0	-
355830.0	63.7	12	1	1604.0	-	-
561506.0	92.4	12	3	1173.0	1851.0	1343.0
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)
1350499.0	61.4	5	1	1071.0	-	-
215038.0	64.4	5	1	1557.0	-	-
577966.0	75.5	5	2	1466.0	1366.0	-
942206.0	66.1	5	1	1033.0	-	-
1304318.0	81.2	5	2	1636.0	1045.0	-
170090.0	73.3	5	2	1184.0	1987.0	-
533664.0	63.2	5	1	1639.0	-	-
897369.0	64.0	5	1	1128.0	-	-

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)
501919.0	74.8	20	2	1380.0	1970.0	-
50017.0	66.8	20	2	1838.0	1016.0	-
195163.0	55.3	20	1	1875.0	-	-
340321.0	65.9	20	1	1710.0	-	-
485502.0	55.3	20	1	1615.0	-	-
32266.0	64.2	20	1	1207.0	-	-
176259.0	96.6	20	3	1884.0	1514.0	1969.0
321266.0	88.7	20	3	1459.0	1193.0	1250.0
467842.0	54.9	20	1	1338.0	-	-
14321.0	95.5	20	3	1375.0	1192.0	1001.0
158709.0	89.4	20	3	1073.0	1999.0	1491.0
302673.0	96.3	20	3	1895.0	1803.0	1745.0
447633.0	89.1	20	3	1446.0	1387.0	1597.0
591783.0	89.7	20	3	1992.0	1056.0	1679.0
140960.0	94.1	20	3	1590.0	1086.0	1723.0
285790.0	78.5	20	2	1756.0	1853.0	-
432202.0	56.1	20	1	1159.0	-	-
576366.0	78.1	20	2	1151.0	1122.0	-
123146.0	89.0	20	3	1331.0	1444.0	1721.0
268283.0	74.6	20	2	1054.0	1865.0	-

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)
1035915.0	78.1	5	2	1447.0	1255.0	-
1400293.0	55.6	5	1	1379.0	-	-
265175.0	50.2	5	1	1148.0	-	-
628504.0	53.2	5	1	1600.0	-	-
989298.0	100.0	5	3	1801.0	1982.0	1769.0
1355755.0	50.0	5	1	1123.0	-	-
220251.0	70.5	5	2	1014.0	1134.0	-
583925.0	64.7	5	1	1127.0	-	-

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)
757662.0	50.0	7	1	1372.0	-	-
1046845.0	73.7	7	2	1722.0	1390.0	-
140390.0	59.0	7	1	1826.0	-	-
429779.0	92.7	7	3	1835.0	1654.0	1691.0
721217.0	79.6	7	2	1026.0	1403.0	-
1012732.0	52.3	7	1	1167.0	-	-
104452.0	76.5	7	2	1848.0	1622.0	-
394429.0	83.8	7	3	1181.0	1342.0	1613.0
686166.0	62.3	7	1	1161.0	-	-
976647.0	61.6	7	1	1498.0	-	-

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)
52745.0	96.6	11	3	1243.0	1287.0	1996.0
276283.0	55.8	11	1	1989.0	-	-
498060.0	97.5	11	3	1840.0	1730.0	1398.0
721328.0	90.4	11	3	1270.0	1212.0	1724.0
25291.0	96.7	11	3	1889.0	1897.0	1211.0
248428.0	72.6	11	2	1758.0	1482.0	-
471532.0	79.5	11	2	1978.0	1234.0	-
694925.0	67.4	11	2	1588.0	1231.0	-
919402.0	53.3	11	1	1531.0	-	-
221134.0	71.7	11	2	1282.0	1187.0	-
444570.0	70.4	11	2	1030.0	1109.0	-
666706.0	97.1	11	3	1229.0	1581.0	1011.0
891855.0	59.9	11	1	1548.0	-	-

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)
125849.0	53.0	20	1	1660.0	-	-
269619.0	84.4	20	3	1188.0	1675.0	1771.0
414036.0	88.6	20	3	1831.0	1627.0	1143.0
558796.0	85.9	20	3	1085.0	1385.0	1751.0
107813.0	69.1	20	2	1437.0	1113.0	-
252993.0	66.6	20	1	1890.0	-	-
398039.0	52.0	20	1	1912.0	-	-
543682.0	66.0	20	1	1265.0	-	-
90066.0	55.2	20	1	1880.0	-	-
233932.0	93.7	20	3	1811.0	1296.0	1818.0
379266.0	81.8	20	2	1527.0	1810.0	-
522207.0	88.6	20	3	1868.0	1913.0	1569.0
72100.0	81.3	20	2	1137.0	1553.0	-
216525.0	86.4	20	3	1307.0	1294.0	1303.0
360536.0	96.7	20	3	1465.0	1759.0	1606.0
506435.0	66.7	20	2	1804.0	1197.0	-
54192.0	86.7	20	3	1302.0	1084.0	1003.0
199379.0	63.2	20	1	1919.0	-	-
344689.0	60.3	20	1	1474.0	-	-
490198.0	66.1	20	1	1049.0	-	-

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)
72824.0	94.5	8	3	1671.0	1748.0	1923.0
363174.0	81.5	8	2	1707.0	1632.0	-
653574.0	83.1	8	2	1206.0	1819.0	-
943609.0	77.1	8	2	2000.0	1367.0	-
37179.0	87.8	8	3	1232.0	1090.0	1614.0
327893.0	59.0	8	1	1629.0	-	-
617723.0	77.6	8	2	1383.0	1821.0	-
907908.0	73.7	8	2	1587.0	1717.0	-
1448.0	82.5	8	2	1406.0	1661.0	-
291439.0	96.8	8	3	1145.0	1916.0	1247.0

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)
362515.0	98.9	15	3	1734.0	1711.0	1058.0
542844.0	94.4	15	3	1394.0	1864.0	1900.0
726751.0	53.0	15	1	1802.0	-	-
160140.0	63.8	15	1	1216.0	-	-
341564.0	55.9	15	1	1611.0	-	-
522901.0	58.3	15	1	1855.0	-	-
701054.0	91.1	15	3	1917.0	1926.0	1512.0
137773.0	66.5	15	1	1202.0	-	-
319130.0	57.3	15	1	1789.0	-	-
499499.0	67.2	15	2	1737.0	1690.0	-
681986.0	60.3	15	1	1870.0	-	-
114977.0	95.7	15	3	1681.0	1189.0	1098.0
295975.0	91.4	15	3	1140.0	1334.0	1340.0
478729.0	62.1	15	1	1029.0	-	-
660155.0	65.6	15	1	1281.0	-	-
93021.0	51.7	15	1	1304.0	-	-

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)
274436.0	65.4	15	1	1761.0	-	-
453647.0	86.3	15	3	1975.0	1623.0	1873.0
636390.0	82.9	15	2	1651.0	1271.0	-
70609.0	50.7	15	1	1783.0	-	-
252286.0	66.6	15	1	1157.0	-	-
433877.0	58.5	15	1	1204.0	-	-
615548.0	60.1	15	1	1125.0	-	-
48185.0	80.9	15	2	1410.0	1479.0	-
229721.0	65.5	15	1	1788.0	-	-
410809.0	71.5	15	2	1186.0	1288.0	-
592874.0	51.3	15	1	1507.0	-	-
25913.0	61.4	15	1	1530.0	-	-
206537.0	98.2	15	3	1635.0	1715.0	1440.0
389072.0	60.1	15	1	1330.0	-	-
567857.0	89.0	15	3	1551.0	1899.0	1541.0
3549.0	78.4	15	2	1038.0	1356.0	-

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)
227384.0	83.5	11	3	1028.0	1002.0	1500.0
451189.0	58.4	11	1	1924.0	-	-
673563.0	94.9	11	3	1074.0	1171.0	1092.0
896337.0	87.5	11	3	1194.0	1129.0	1314.0
199893.0	85.5	11	3	1215.0	1055.0	1350.0
423108.0	67.4	11	2	1579.0	1568.0	-
646377.0	80.4	11	2	1093.0	1830.0	-
868330.0	88.4	11	3	1260.0	1850.0	1097.0
172608.0	75.7	11	2	1015.0	1631.0	-
395764.0	70.2	11	2	1599.0	1226.0	-
619966.0	55.8	11	1	1321.0	-	-
841376.0	93.2	11	3	1072.0	1528.0	1065.0
145279.0	55.8	11	1	1575.0	-	-

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)
298436.0	98.8	15	3	1689.0	1249.0	1319.0
479348.0	90.2	15	3	1094.0	1230.0	1862.0
661438.0	70.9	15	2	1104.0	1719.0	-
95693.0	61.4	15	1	1118.0	-	-
275980.0	86.0	15	3	1962.0	1293.0	1483.0
456312.0	93.6	15	3	1456.0	1986.0	1977.0
637486.0	91.4	15	3	1595.0	1693.0	1441.0
72993.0	90.9	15	3	1423.0	1583.0	1452.0
254080.0	81.8	15	2	1847.0	1820.0	-
435919.0	80.2	15	2	1225.0	1019.0	-
615348.0	90.4	15	3	1565.0	1272.0	1739.0
50741.0	84.3	15	3	1039.0	1177.0	1945.0
231917.0	72.1	15	2	1857.0	1382.0	-
412665.0	98.4	15	3	1112.0	1235.0	1552.0
593485.0	84.4	15	3	1460.0	1298.0	1308.0
28543.0	56.9	15	1	1983.0	-	-

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)
197354.0	79.6	16	2	1558.0	1219.0	-
367807.0	68.4	16	2	1149.0	1766.0	-
537107.0	97.3	16	3	1564.0	1663.0	1245.0
5816.0	78.2	16	2	1866.0	1901.0	-
176293.0	81.9	16	2	1728.0	1274.0	-
347681.0	62.2	16	1	1144.0	-	-
516817.0	82.9	16	2	1967.0	1603.0	-
687907.0	67.3	16	2	1240.0	1556.0	-
155466.0	78.2	16	2	1201.0	1027.0	-
326376.0	66.3	16	1	1686.0	-	-
494994.0	98.0	16	3	1333.0	1765.0	1664.0
668482.0	55.8	16	1	1131.0	-	-
134111.0	94.5	16	3	1463.0	1416.0	1095.0
304922.0	75.0	16	2	1316.0	1329.0	-
475152.0	96.5	16	3	1047.0	1004.0	1079.0
646668.0	52.6	16	1	1958.0	-	-
113335.0	66.9	16	2	1656.0	1124.0	-

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)
321496.0	75.1	13	2	1952.0	1720.0	-
515140.0	66.7	13	2	1842.0	1042.0	-
708653.0	81.4	13	2	1470.0	1203.0	-
104571.0	80.4	13	2	1763.0	1914.0	-
298538.0	50.0	13	1	1449.0	-	-
492293.0	62.1	13	1	1317.0	-	-
685937.0	66.5	13	1	1389.0	-	-
80737.0	97.7	13	3	1110.0	1064.0	1940.0
273530.0	87.5	13	3	1363.0	1762.0	1672.0
468298.0	51.6	13	1	1547.0	-	-
660266.0	78.3	13	2	1905.0	1670.0	-
57141.0	54.5	13	1	1593.0	-	-
250755.0	53.1	13	1	1674.0	-	-
444505.0	63.3	13	1	1438.0	-	-
636765.0	69.1	13	2	1388.0	1822.0	-