DFS MEASUREMENT REPORT

FCC ID:	Q9DAPIN0514515
Applicant:	Hewlett Packard Enterprise Company
Product:	ACCESS POINT
Model No.:	APIN0514, APIN0515
Brand Name:	aruba a Hewlett Packard Enterprise company, Hewlett Packard Enterprise
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Result:	Complies
Test Date:	2022-08-28 ~ 2022-09-02

Reviewed By: Jame Yuan

Approved By: Robin Wu

Revision History

Report No.	Version	Description	Issue Date	Note
2208RSU008-U1	Rev. 01	Initial Report	2022-09-06	Valid

Note 1: This report was based on original report no. 1807TW0111-U9. Now the product added the zero-wait DFS (ZWDFS) features that is intended to prevent temporary network outages to perform CAC on DFS channels when changing channels. When enabled, the AP will perform a CAC check on the target channel, while still operating on the current channel. If radar is not detected on the target channel over the zero-wait CAC time, then the AP will move network operation to the target channel. The ZWDFS feature does not affect the AP's normal DFS response to radars on the operating channel.

Note 2: The following test plan is setup in the following manner:

1, Verify the statistical performance check on the target channel with the ZWDFS feature enabled.

2, Verify the statistical performance check on the operating Channel with the ZWDFS feature enabled.

3, Verify the ZWDFS CAC time.

CONTENTS

1. General Information

1.1. Applicant

Hewlett Packard Enterprise Company

3333 Scott Blvd, Santa Clara, CA 95054, USA

1.2. Manufacturer

Hewlett Packard Enterprise Company

3333 Scott Blvd, Santa Clara, CA 95054, USA

1.3. Testing Facility

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

1.4. Product Information

Product Name	ACCESS POINT
Model No.	APIN0514, APIN0515
Serial No.	CNGSKDOOJ1
Software Version	ArubaOS_8.10.0.3_84735
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Bluetooth Specification	V4.2 single mode
Zigbee Specification	802.15.4
Antenna Information	Refer to Selection 1.7
Power Supply	AC Adapter or POE input
Operating Temp.	0 ~ 50°C
Operating Environment	Indoor Use

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. The difference between models is that EUT use different antenna and appearance, APIN0514 use some external antennas, APIN0515 use internal antenna, other hardware and software are the same.
3. We selected the model APIN0514 that has lowest antenna gain to perform the DFS testing.

1.5. Radio Specification under Test

Frequency Range	For 802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz For 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz For 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz For 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz
Type of Modulation	802.11a/n/ac: OFDM 802.11ax: OFDMA
Uniform Spreading (For DFS Frequency Band)	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

1.6. Working Frequencies

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

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

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

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

802.11ac-VHT80/ax-HE80

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

802.11ac-VHT160/ax-HE160

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

1.7. Antenna Details

APIN0514

Antenna No.	Antenna Type	Frequency Band (GHz)	Model No.	Max Peak Gain (dBi)	BF Gain (dBi)	CDD Directional Gain (dBi)	
						For Power	For PSD
Wi-Fi External Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)							
1	Omni	2.4	AP-ANT-40	4.0	3.01	*4.0*	7.01
		5		5.0	6.02	*5.0*	11.02
2	Omni	2.4	AP-ANT-19	3.0	3.01	*3.0*	6.01
		5		6.0	6.02	*6.0*	12.02
3	Omni	2.4	AP-ANT-1W	3.8	3.01	*3.8*	6.81
		5		5.8	6.02	*5.8*	11.82
4	Omni	2.4	AP-ANT-13B	2.3	3.01	*2.3*	5.31
		5		4.0	6.02	*4.0*	10.02
5	Omni	2.4	AP-ANT-20W	2.0	3.01	*2.0*	5.01
		5		2.0	6.02	*2.0*	8.02
6	Directional	2.4	AP-ANT-45	4.5	0.00	*4.5*	4.50
		5		5.5	3.01	*5.5*	8.51
7	Directional	2.4	AP-ANT-48	8.5	0.00	*8.5*	8.5
		5		8.5	3.01	*8.5*	11.51
Bluetooth / ZigBee Internal Antenna							
PCB		2.4		4.9			

APIN0515

Antenna Type	Frequency Band (GHz)	Max Peak Gain (dBi)	BF Gain (dBi)	CDD Directional Gain (dBi)	
				For Power	For Power
Wi-Fi Internal Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)					
Omni	2.4	3.77	3.01	3.77	6.78
Omni	5	4.55	5.97	4.55	10.52
Bluetooth / ZigBee Internal Antenna					
PCB	2.4	3.5			

Note:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

For CDD transmissions, directional gain is calculated as follows, NANT = 4, NSS = 1.

If all antennas have the same gain, G_{ANT}, Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

• For power spectral density (PSD) measurements on all devices,

Array Gain = 10 log (N_{ANT}/ N_{SS}) dB = 6.02;

• For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB for $N_{ANT} \leq 4$;

2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac/ax, not include 802.11a/b/g. Directional gain = G_{ANT} + BF Gain.

3. Two antennas have Cross-Polarized design, the detail see the antenna specification.

2. Test Configuration

2.1. Test Mode

Mode 1: Operating under AP mode (The ZWDFS feature enabled)

2.2. Test Channel

Test Mode	Operating Channel (Normal)	Test Frequency
802.11ax-HE80	58	5290 MHz
	Target Channel (ZWDFS)	Test Frequency
	106	5530 MHz
Remark: 802.11ac-VHT160 and 802.11ax-HE160 don't support ZWDFS feature.		

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

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

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

3.2. DFS Devices Requirements

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

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

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

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

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

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

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

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

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

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

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

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

These detection thresholds are listed in the following table.

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

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

3.4. Parameters of DFS Test Signals

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

Short Pulse Radar Test Waveforms

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

Table 3-5: Parameters for Short Pulse Radar Waveforms

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

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

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

Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

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

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

3.5. Conducted Test Setup

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

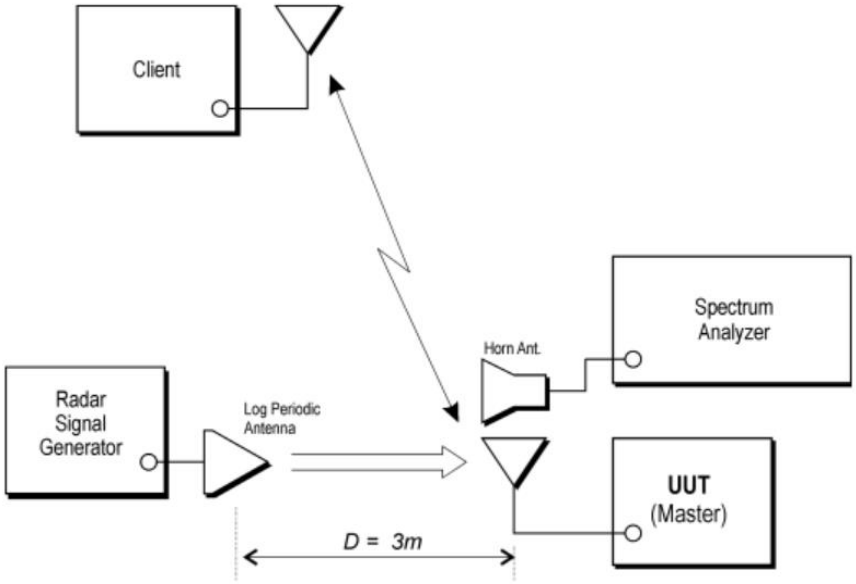


Figure 3-1: Radiated Test Setup where UUT is a master mode and Radar Test Waveforms are injected into the UUT

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE06222	1 year	2022-10-10	WZ-SR4
Shielding Room	HUAMING	WZ-SR4	MRTSUE06441	N/A	N/A	WZ-SR4
Signal Generator	Keysight	N5182B	MRTSUE06451	1 year	2023-07-08	WZ-SR4
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06023	1 year	2023-08-22	WZ-SR4
Signal Analyzer	Keysight	N9010B	MRTSUE06558	1 year	2023-06-01	WZ-SR4

Client Information

Instrument	Manufacturer	Type No.
Wireless Network Adapter	Intel	Intel(R) Wi-Fi 6 AX200 160MHz

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

5. Test Result

5.1. Summary

Parameter	Verdict	Reference
Channel Availability Check Time	Pass	Section 5.3
Statistical Performance Check	Pass	Section 5.4

5.2. Radar Waveform Calibration Measurement

5.2.1. Calibration Setup

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

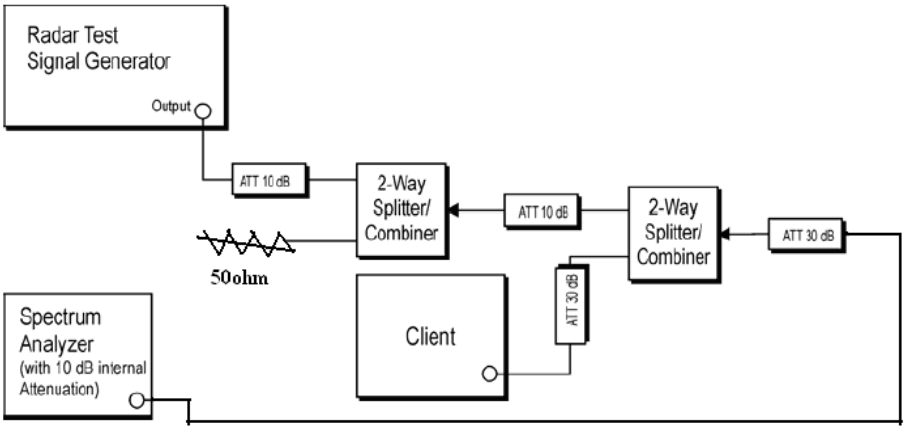


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

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

5.2.3. Calibration & Channel Loading Result

Refer to Appendix A.1.

5.3. Channel Availability Check Time Measurement

5.3.1. Test Limit

Channel Availability Check (CAC) Time ≥ 60s

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

5.3.2. 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. In the beginning of the Channel Availability Check (CAC) Time, 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 ZWDFS CAC activate.
3. In the end of the Channel Availability Check (CAC) Time, 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 ZWDFS CAC activate + 54 seconds.
4. 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.

5.3.3. Test Result

Refer to Appendix A.2.

5.4. Statistical Performance Check Measurement

5.4.1. Test Limit

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

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

5.4.2. 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

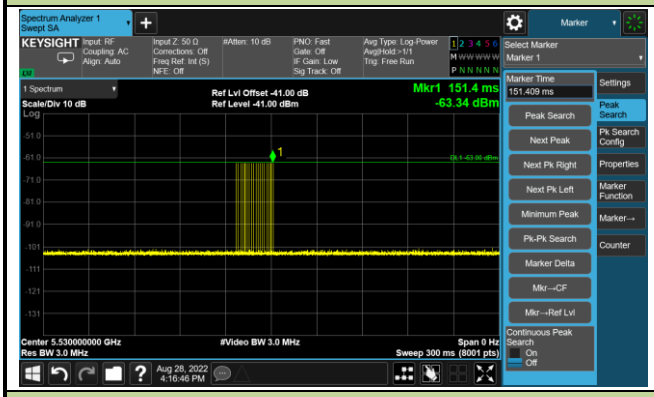
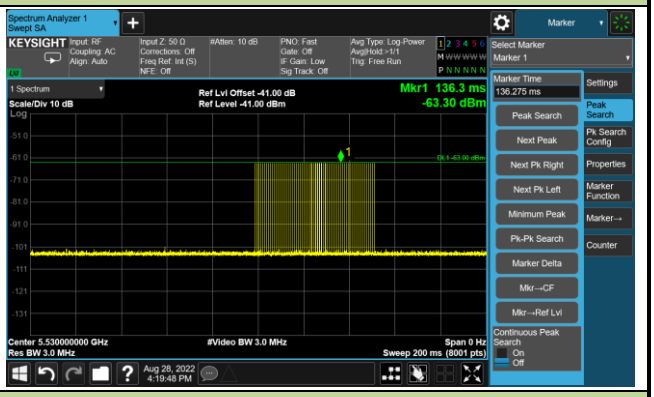
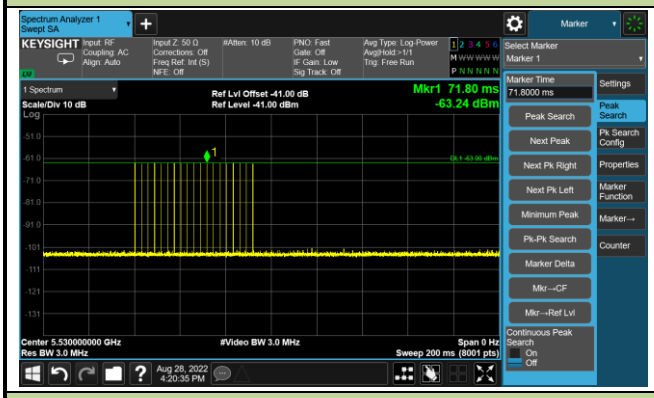
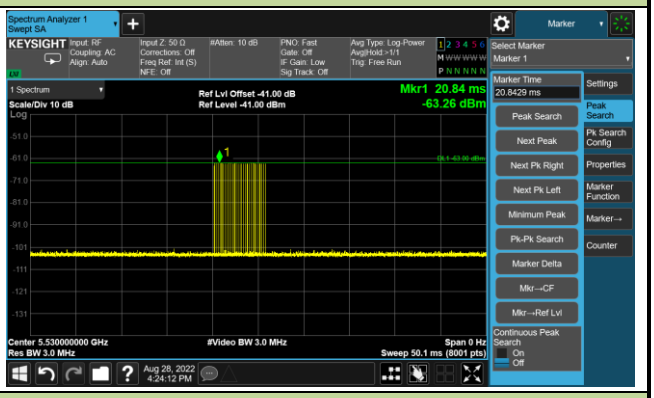
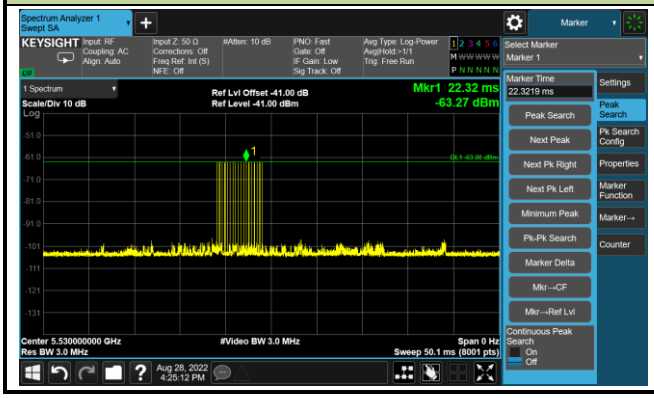
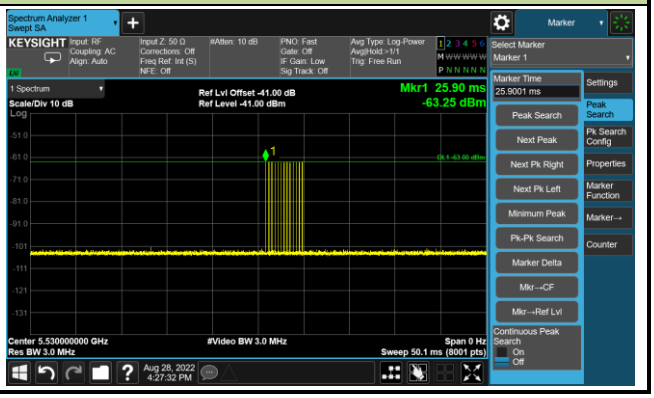
5.4.3. Test Result

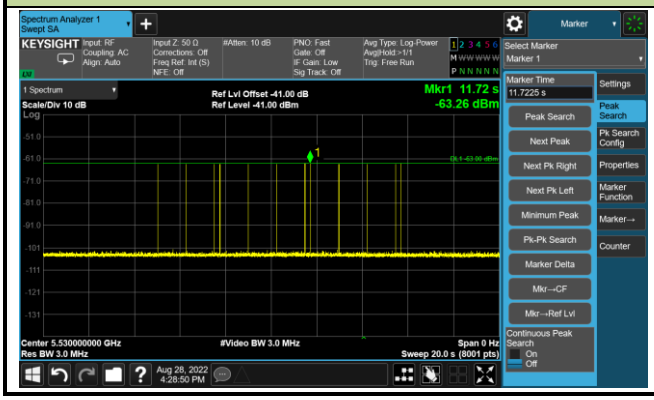
Refer to Appendix A.3.

Appendix A – Test Result

A.1 Calibration Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-08-28	Test Item	Radar Waveform Calibration

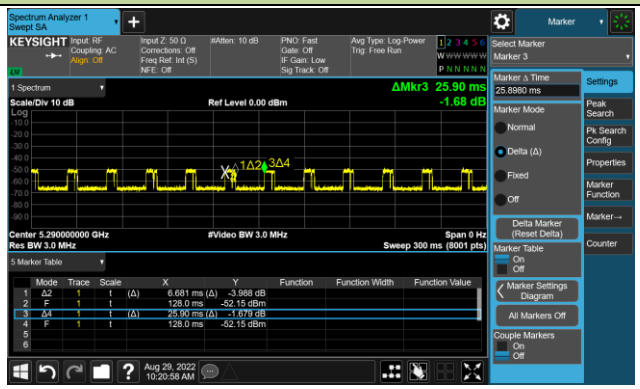
Radar Waveform Calibration-Low Band	
Radar #0	Radar #1-a PRI = 858 us and the number of pulses = 62
	
Radar #1-b (1585) PRI = 2874 us and the number of pulses = 19	Radar 2
	
Radar #3	Radar #4
	

Radar #5	Radar #6
	

A.2 Channel Loading Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-08-29	Test Item	Channel Loading

802.11ax-HE80 (5290MHz) Operating Channel



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE80	5290 MHz	25.80%	≥ 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 Channel Availability Check Time Test Result

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-08-28		
Test Item	Channel Availability Check Time (802.11ax-HE80 mode - 5530MHz, Target Channel)		

Channel Availability Check Time
[2022-08-28_16:42:59:686] ~ # cat /proc/sys/dev/wifi0/zero_wait_dfs [2022-08-28_16:42:59:686] ch=100 [2022-08-28_16:42:59:686] ch_ext=4 [2022-08-28_16:42:59:686] freq=5530 [2022-08-28_16:42:59:686] status=cac [2022-08-28_16:42:59:686] cac_time=60 Channel Availability Check Time = 60s
Beginning of the Channel Availability Check Time
ZWDFS – Radar at the beginning of CAC System starts ZWCAC on channel 100 [2022-08-28_16:36:56:722]~ # echo 100 4 2 > /proc/sys/dev/wifi0/zero_wait_dfs Radar applied and detected radar applied at～6S after start of CAC [2022-08-28_16:36:58:150]~ # [1592.406995] wl0:wlc_dfs_scan_complete_sc chanspec=e06a (106) reason 1/RADAR_FOUND 16:36:58:150 - 16:36:56:722 ≈ 1S
End of the Channel Availability Check Time
ZWDFS – Radar at the end of CAC System starts ZWCAC on channel 100 [2022-08-28_16:42:55:086]~ # echo 100 4 2 > /proc/sys/dev/wifi0/zero_wait_dfs Radar applied and detected radar applied at～54S after start of CAC [2022-08-28_16:43:53:927]~ # [349.519826] wl0:wlc_dfs_scan_complete_sc chanspec=e06a (106) reason 1/RADAR_FOUND 16:43:53:927 - 16:42:55:086 ≈ 59S
Note: The Zero Wait DFS CAC does not transmit any data so no plot can be captured, therefore, test was performed using a log form the EUT, and the highlighted text is provided for clarification.

A.4 Statistical Performance Check

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-09-02		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5290MHz, Operating Channel)		

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	5317	0	5279	0	5281	1	5297	0
1	5253	1	5261	1	5269	1	5329	1
2	5312	1	5290	1	5303	1	5257	1
3	5265	1	5283	1	5319	1	5294	1
4	5307	1	5271	1	5299	1	5252	1
5	5274	1	5314	1	5257	1	5312	1
6	5261	1	5292	0	5310	0	5277	1
7	5276	1	5251	0	5291	1	5284	1
8	5320	1	5306	1	5295	1	5281	1
9	5286	1	5294	1	5262	0	5285	1
10	5298	1	5322	1	5285	1	5316	1
11	5263	1	5328	1	5260	1	5251	1
12	5290	1	5295	1	5251	1	5298	1
13	5280	1	5296	1	5267	0	5329	0
14	5251	1	5320	1	5326	1	5279	1
15	5267	1	5257	1	5268	0	5284	0
16	5325	1	5297	1	5282	1	5319	1
17	5329	0	5318	1	5264	1	5315	1
18	5255	1	5312	1	5329	1	5303	0
19	5302	1	5254	1	5310	0	5300	1
20	5307	0	5329	1	5294	0	5260	1
21	5321	0	5271	0	5259	1	5269	0
22	5285	0	5314	1	5328	1	5253	0
23	5287	1	5303	1	5327	1	5276	0
24	5254	1	5273	1	5311	1	5327	1
25	5309	1	5290	0	5312	0	5278	1
26	5281	1	5265	1	5309	1	5290	1
27	5273	1	5258	1	5275	1	5321	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	5267	1	5305	1	5293	1	5318	1
29	5278	1	5295	1	5258	1	5273	1
Probability:	83.3%		83.3%		76.7%		76.7%	
Aggregate:	**80..0% (=80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	938.0	57	53466.0
Download	1	Type 1	1.0	718.0	74	53132.0
Download	2	Type 1	1.0	798.0	67	53466.0
Download	3	Type 1	1.0	658.0	81	53298.0
Download	4	Type 1	1.0	858.0	62	53196.0
Download	5	Type 1	1.0	818.0	65	53170.0
Download	6	Type 1	1.0	618.0	86	53148.0
Download	7	Type 1	1.0	878.0	61	53558.0
Download	8	Type 1	1.0	898.0	59	52982.0
Download	9	Type 1	1.0	838.0	63	52794.0
Download	10	Type 1	1.0	678.0	78	52884.0
Download	11	Type 1	1.0	758.0	70	53060.0
Download	12	Type 1	1.0	578.0	92	53176.0
Download	13	Type 1	1.0	538.0	99	53262.0
Download	14	Type 1	1.0	778.0	68	52904.0
Download	15	Type 1	1.0	938.0	57	53466.0
Download	16	Type 1	1.0	1139.0	47	53533.0
Download	17	Type 1	1.0	1639.0	33	54087.0
Download	18	Type 1	1.0	2495.0	22	54890.0
Download	19	Type 1	1.0	2636.0	21	55356.0
Download	20	Type 1	1.0	1101.0	48	52848.0
Download	21	Type 1	1.0	1837.0	29	53273.0
Download	22	Type 1	1.0	2795.0	19	53105.0
Download	23	Type 1	1.0	1710.0	31	53010.0
Download	24	Type 1	1.0	1986.0	27	53622.0
Download	25	Type 1	1.0	865.0	62	53630.0
Download	26	Type 1	1.0	1381.0	39	53859.0
Download	27	Type 1	1.0	645.0	82	52890.0
Download	28	Type 1	1.0	2264.0	24	54336.0
Download	29	Type 1	1.0	1105.0	48	53040.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	1.7	152.0	24	3648.0
Download	1	Type 2	3.6	219.0	27	5913.0
Download	2	Type 2	1.0	150.0	23	3450.0
Download	3	Type 2	4.1	151.0	28	4228.0
Download	4	Type 2	3.4	217.0	27	5859.0
Download	5	Type 2	2.9	190.0	26	4940.0
Download	6	Type 2	2.5	153.0	25	3825.0
Download	7	Type 2	2.0	173.0	24	4152.0
Download	8	Type 2	1.0	194.0	23	4462.0
Download	9	Type 2	3.5	178.0	27	4806.0
Download	10	Type 2	4.8	223.0	29	6467.0
Download	11	Type 2	4.1	211.0	28	5908.0
Download	12	Type 2	4.9	154.0	29	4466.0
Download	13	Type 2	3.5	209.0	27	5643.0
Download	14	Type 2	4.4	215.0	28	6020.0
Download	15	Type 2	4.7	166.0	29	4814.0
Download	16	Type 2	2.9	171.0	26	4446.0
Download	17	Type 2	2.6	195.0	25	4875.0
Download	18	Type 2	2.3	186.0	25	4650.0
Download	19	Type 2	3.5	176.0	27	4752.0
Download	20	Type 2	4.5	222.0	28	6216.0
Download	21	Type 2	3.6	161.0	27	4347.0
Download	22	Type 2	4.2	172.0	28	4816.0
Download	23	Type 2	3.3	220.0	27	5940.0
Download	24	Type 2	1.7	164.0	24	3936.0
Download	25	Type 2	3.9	198.0	28	5544.0
Download	26	Type 2	2.8	175.0	26	4550.0
Download	27	Type 2	4.1	210.0	28	5880.0
Download	28	Type 2	2.9	226.0	26	5876.0
Download	29	Type 2	4.4	196.0	28	5488.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	6.7	479.0	16	7664.0
Download	1	Type 3	8.6	471.0	17	8007.0
Download	2	Type 3	6.0	492.0	16	7872.0
Download	3	Type 3	9.1	470.0	18	8460.0
Download	4	Type 3	8.4	308.0	17	5236.0
Download	5	Type 3	7.9	465.0	17	7905.0
Download	6	Type 3	7.5	291.0	17	4947.0
Download	7	Type 3	7.0	418.0	16	6688.0
Download	8	Type 3	6.0	218.0	16	3488.0
Download	9	Type 3	8.5	292.0	17	4964.0
Download	10	Type 3	9.8	279.0	18	5022.0
Download	11	Type 3	9.1	453.0	18	8154.0
Download	12	Type 3	9.9	475.0	18	8550.0
Download	13	Type 3	8.5	225.0	17	3825.0
Download	14	Type 3	9.4	208.0	18	3744.0
Download	15	Type 3	9.7	463.0	18	8334.0
Download	16	Type 3	7.9	270.0	17	4590.0
Download	17	Type 3	7.6	276.0	17	4692.0
Download	18	Type 3	7.3	304.0	17	5168.0
Download	19	Type 3	8.5	394.0	17	6698.0
Download	20	Type 3	9.5	482.0	18	8676.0
Download	21	Type 3	8.6	281.0	17	4777.0
Download	22	Type 3	9.2	365.0	18	6570.0
Download	23	Type 3	8.3	445.0	17	7565.0
Download	24	Type 3	6.7	404.0	16	6464.0
Download	25	Type 3	8.9	438.0	18	7884.0
Download	26	Type 3	7.8	338.0	17	5746.0
Download	27	Type 3	9.1	497.0	18	8946.0
Download	28	Type 3	7.9	282.0	17	4794.0
Download	29	Type 3	9.4	431.0	18	7758.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	12.5	479.0	12	5748.0
Download	1	Type 4	16.9	471.0	15	7065.0
Download	2	Type 4	11.0	492.0	12	5904.0
Download	3	Type 4	17.9	470.0	15	7050.0
Download	4	Type 4	16.4	308.0	14	4312.0
Download	5	Type 4	15.3	465.0	14	6510.0
Download	6	Type 4	14.3	291.0	13	3783.0
Download	7	Type 4	13.3	418.0	13	5434.0
Download	8	Type 4	11.2	218.0	12	2616.0
Download	9	Type 4	16.7	292.0	15	4380.0
Download	10	Type 4	19.6	279.0	16	4464.0
Download	11	Type 4	18.0	453.0	15	6795.0
Download	12	Type 4	19.7	475.0	16	7600.0
Download	13	Type 4	16.6	225.0	15	3375.0
Download	14	Type 4	18.7	208.0	16	3328.0
Download	15	Type 4	19.3	463.0	16	7408.0
Download	16	Type 4	15.3	270.0	14	3780.0
Download	17	Type 4	14.6	276.0	13	3588.0
Download	18	Type 4	14.0	304.0	13	3952.0
Download	19	Type 4	16.7	394.0	15	5910.0
Download	20	Type 4	18.7	482.0	16	7712.0
Download	21	Type 4	16.8	281.0	15	4215.0
Download	22	Type 4	18.2	365.0	15	5475.0
Download	23	Type 4	16.2	445.0	14	6230.0
Download	24	Type 4	12.7	404.0	12	4848.0
Download	25	Type 4	17.5	438.0	15	6570.0
Download	26	Type 4	15.0	338.0	14	4732.0
Download	27	Type 4	17.8	497.0	15	7455.0
Download	28	Type 4	15.2	282.0	14	3948.0
Download	29	Type 4	18.6	431.0	16	6896.0

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	5290.0	1	15	5258.6	1
1	5290.0	1	16	5255.8	1
2	5290.0	1	17	5255.4	1
3	5290.0	0	18	5255.0	1
4	5290.0	1	19	5257.0	1
5	5290.0	1	20	5321.8	1
6	5290.0	1	21	5323.0	1
7	5290.0	1	22	5322.2	1
8	5290.0	0	23	5323.4	1
9	5290.0	0	24	5326.2	1
10	5259.0	0	25	5322.6	1
11	5257.8	1	26	5324.2	0
12	5259.0	0	27	5322.2	1
13	5256.6	1	28	5324.2	1
14	5258.2	1	29	5321.8	1
Detection Percentage (%)			**80.0%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
500180.0	58.7	7	1	1971.0	-	-
789645.0	82.7	7	2	1729.0	1900.0	-
1081343.0	50.0	7	1	1922.0	-	-
173464.0	88.0	7	3	1326.0	1811.0	1355.0
464301.0	79.8	7	2	1198.0	1002.0	-
754351.0	73.8	7	2	1247.0	1673.0	-
1044410.0	68.6	7	2	1295.0	1935.0	-
138116.0	63.1	7	1	1310.0	-	-
428852.0	51.1	7	1	1265.0	-	-
718449.0	81.7	7	2	1716.0	1438.0	-

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)
628264.0	97.4	15	3	1866.0	1664.0	1036.0
63569.0	88.7	15	3	1580.0	1618.0	1987.0
244569.0	98.3	15	3	1299.0	1597.0	1194.0
425763.0	81.2	15	2	1676.0	1910.0	-
606633.0	92.5	15	3	1518.0	1173.0	1090.0
41350.0	95.7	15	3	1172.0	1885.0	1550.0
222617.0	73.8	15	2	1760.0	1216.0	-
403624.0	69.9	15	2	1886.0	1405.0	-
584350.0	66.9	15	2	1998.0	1771.0	-
19133.0	81.4	15	2	1599.0	1008.0	-
200166.0	92.8	15	3	1108.0	1111.0	1256.0
381346.0	82.1	15	2	1715.0	1517.0	-
561287.0	89.7	15	3	1734.0	1221.0	1835.0
743233.0	78.8	15	2	1745.0	1831.0	-
178300.0	59.3	15	1	1647.0	-	-
358624.0	85.9	15	3	1083.0	1644.0	1364.0

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)
1082962.0	72.1	5	2	1166.0	1623.0	-
1443430.0	87.9	5	3	1984.0	1617.0	1934.0
311889.0	73.5	5	2	1543.0	1739.0	-
674424.0	92.2	5	3	1406.0	1157.0	1754.0
1037152.0	90.2	5	3	1412.0	1385.0	1552.0
1402982.0	64.3	5	1	1049.0	-	-
266871.0	94.0	5	3	1832.0	1286.0	1870.0
630155.0	81.9	5	2	1895.0	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)
467192.0	53.3	17	1	1825.0	-	-
638234.0	60.2	17	1	1510.0	-	-
104750.0	50.3	17	1	1127.0	-	-
275610.0	62.2	17	1	1296.0	-	-
445058.0	81.4	17	2	1884.0	1679.0	-
616811.0	51.9	17	1	1944.0	-	-
83630.0	57.3	17	1	1689.0	-	-
253904.0	72.4	17	2	1685.0	1430.0	-
423303.0	99.0	17	3	1514.0	1527.0	1802.0
596446.0	53.4	17	1	1159.0	-	-
62480.0	79.7	17	2	1649.0	1303.0	-
233439.0	61.9	17	1	1516.0	-	-
403596.0	74.1	17	2	1381.0	1309.0	-
573703.0	71.8	17	2	1271.0	1957.0	-
41480.0	81.3	17	2	1207.0	1757.0	-
212421.0	51.9	17	1	1435.0	-	-
382731.0	79.0	17	2	1425.0	1003.0	-

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)
627937.0	65.1	14	1	1712.0	-	-
23222.0	81.3	14	2	1963.0	1005.0	-
216818.0	52.4	14	1	1899.0	-	-
410809.0	55.7	14	1	1072.0	-	-
603002.0	76.6	14	2	1856.0	1292.0	-
794381.0	93.0	14	3	1100.0	1940.0	1992.0
192641.0	71.3	14	2	1307.0	1978.0	-
386069.0	78.6	14	2	1645.0	1227.0	-
577854.0	93.9	14	3	1865.0	1226.0	1905.0
773817.0	51.7	14	1	1748.0	-	-
168861.0	80.8	14	2	1569.0	1612.0	-
361775.0	89.7	14	3	1489.0	1056.0	1383.0
556326.0	58.9	14	1	1807.0	-	-
747216.0	91.5	14	3	1555.0	1541.0	1581.0
145033.0	83.0	14	2	1547.0	1762.0	-

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)
361889.0	94.8	12	3	1264.0	1973.0	1553.0
570791.0	66.3	12	1	1522.0	-	-
777420.0	77.9	12	2	1156.0	1340.0	-
130005.0	82.2	12	2	1795.0	1011.0	-
336259.0	95.3	12	3	1938.0	1576.0	1696.0
545273.0	61.5	12	1	1455.0	-	-
750554.0	88.6	12	3	1217.0	1232.0	1564.0
104638.0	64.9	12	1	1530.0	-	-
311533.0	74.0	12	2	1693.0	1532.0	-
518525.0	70.3	12	2	1932.0	1474.0	-
725952.0	83.1	12	2	1202.0	1769.0	-
78831.0	86.2	12	3	1267.0	1554.0	1372.0
285694.0	99.1	12	3	1039.0	1521.0	1646.0
492564.0	97.5	12	3	1230.0	1592.0	1374.0

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)
818984.0	61.8	10	1	1258.0	-	-
62463.0	50.2	10	1	1345.0	-	-
304481.0	56.5	10	1	1960.0	-	-
545912.0	71.6	10	2	1962.0	1139.0	-
789264.0	63.1	10	1	1110.0	-	-
32563.0	75.1	10	2	1737.0	1633.0	-
274562.0	83.0	10	2	1289.0	1046.0	-
514769.0	91.5	10	3	1958.0	1930.0	1843.0
758175.0	76.2	10	2	1611.0	1141.0	-
2790.0	76.8	10	2	1641.0	1483.0	-
244635.0	67.2	10	2	1587.0	1246.0	-
486422.0	79.1	10	2	1873.0	1079.0	-

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)
793661.0	83.7	9	3	1573.0	1642.0	1073.0
1056804.0	87.5	9	3	1494.0	1894.0	1308.0
234816.0	50.2	9	1	1050.0	-	-
498263.0	76.5	9	2	1123.0	1845.0	-
761964.0	82.8	9	2	1976.0	1219.0	-
1024607.0	90.1	9	3	1986.0	1020.0	1422.0
202231.0	62.0	9	1	1195.0	-	-
465216.0	96.8	9	3	1064.0	1681.0	1499.0
729050.0	67.2	9	2	1841.0	1980.0	-
994582.0	57.8	9	1	1763.0	-	-
169252.0	94.0	9	3	1281.0	1000.0	1640.0

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)
595776.0	99.2	5	3	1266.0	1387.0	1320.0
960309.0	56.6	5	1	1319.0	-	-
1322332.0	67.4	5	2	1871.0	1096.0	-
188281.0	76.5	5	2	1736.0	1983.0	-
552154.0	66.3	5	1	1065.0	-	-
914143.0	78.4	5	2	2000.0	1602.0	-
1276190.0	85.4	5	3	1441.0	1874.0	1314.0
143538.0	93.6	5	3	1443.0	1060.0	1653.0

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)
253418.0	56.8	15	1	1327.0	-	-
433907.0	72.3	15	2	1803.0	1396.0	-
615664.0	81.2	15	2	1131.0	1298.0	-
49349.0	82.1	15	2	1376.0	1860.0	-
231010.0	51.4	15	1	1464.0	-	-
411820.0	74.3	15	2	1589.0	1206.0	-
592384.0	68.0	15	2	1666.0	1956.0	-
26996.0	95.8	15	3	1099.0	1575.0	1776.0
208672.0	66.3	15	1	1378.0	-	-
390240.0	50.0	15	1	1371.0	-	-
572018.0	53.2	15	1	1093.0	-	-
4723.0	90.1	15	3	1476.0	1386.0	1688.0
186185.0	51.1	15	1	1868.0	-	-
367904.0	64.9	15	1	1313.0	-	-
549147.0	66.2	15	1	1772.0	-	-
728546.0	77.9	15	2	1925.0	1967.0	-

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)
130987.0	51.1	20	1	1867.0	-	-
276312.0	64.7	20	1	1306.0	-	-
418949.0	97.6	20	3	1953.0	1460.0	1536.0
563829.0	87.5	20	3	1692.0	1493.0	1171.0
112432.0	93.1	20	3	1546.0	1979.0	1970.0
257829.0	74.2	20	2	1663.0	1027.0	-
403351.0	52.3	20	1	1717.0	-	-
548041.0	80.2	20	2	1138.0	1029.0	-
95315.0	54.0	20	1	1454.0	-	-
240597.0	56.2	20	1	1165.0	-	-
385495.0	57.3	20	1	1690.0	-	-
530999.0	64.9	20	1	1245.0	-	-
77116.0	95.8	20	3	1779.0	1009.0	1125.0
221791.0	98.6	20	3	1147.0	1031.0	1451.0
367963.0	66.6	20	1	1134.0	-	-
512713.0	63.0	20	1	1710.0	-	-
59320.0	90.9	20	3	1030.0	1398.0	1365.0
204035.0	83.2	20	2	1985.0	1468.0	-
350046.0	60.4	20	1	1178.0	-	-
495160.0	56.8	20	1	1323.0	-	-

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)
46312.0	52.4	17	1	1461.0	-	-
207643.0	55.3	17	1	1470.0	-	-
367348.0	98.8	17	3	1458.0	1089.0	1854.0
530052.0	52.2	17	1	1788.0	-	-
26447.0	64.7	17	1	1275.0	-	-
186988.0	94.3	17	3	1010.0	1352.0	1880.0
347712.0	95.7	17	3	1140.0	1565.0	1413.0
507806.0	96.7	17	3	1949.0	1236.0	1709.0
6565.0	64.0	17	1	1713.0	-	-
167614.0	67.7	17	2	1572.0	1026.0	-
327608.0	92.9	17	3	1081.0	1941.0	1724.0
488238.0	84.2	17	3	1952.0	1512.0	1155.0
648602.0	90.4	17	3	1695.0	1475.0	1657.0
147412.0	89.5	17	3	1931.0	1199.0	1101.0
308532.0	75.4	17	2	1388.0	1857.0	-
470692.0	51.6	17	1	1465.0	-	-
630597.0	80.9	17	2	1639.0	1328.0	-
127477.0	97.9	17	3	1163.0	1912.0	1909.0

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)
260592.0	50.4	20	1	1196.0	-	-
405158.0	82.7	20	2	1032.0	1142.0	-
549321.0	70.0	20	2	1697.0	1377.0	-
97481.0	50.9	20	1	1150.0	-	-
242047.0	78.1	20	2	1016.0	1798.0	-
385442.0	95.2	20	3	1556.0	1659.0	1823.0
531217.0	66.9	20	2	1584.0	1794.0	-
79608.0	53.1	20	1	1022.0	-	-
224874.0	50.0	20	1	1037.0	-	-
369415.0	67.7	20	2	1028.0	1184.0	-
512678.0	83.4	20	3	1501.0	1085.0	1624.0
61293.0	90.2	20	3	1799.0	1625.0	1683.0
205973.0	99.3	20	3	1539.0	1048.0	1363.0
351253.0	67.9	20	2	1169.0	1558.0	-
496853.0	54.5	20	1	1834.0	-	-
43766.0	59.4	20	1	1755.0	-	-
188557.0	75.5	20	2	1176.0	1537.0	-
332461.0	95.8	20	3	1682.0	1118.0	1627.0
479313.0	66.0	20	1	1421.0	-	-
25794.0	95.3	20	3	1526.0	1129.0	1423.0

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)
213626.0	72.8	14	2	1467.0	1107.0	-
394253.0	98.9	14	3	1628.0	1126.0	1045.0
575814.0	78.5	14	2	1929.0	1112.0	-
10035.0	55.6	14	1	1605.0	-	-
191593.0	66.2	14	1	1418.0	-	-
371818.0	86.3	14	3	1325.0	1643.0	1117.0
554743.0	63.4	14	1	1362.0	-	-
735406.0	73.2	14	2	1080.0	1203.0	-
168931.0	74.5	14	2	1725.0	1013.0	-
350662.0	56.2	14	1	1678.0	-	-
531176.0	73.2	14	2	1301.0	1752.0	-
713435.0	65.0	14	1	1898.0	-	-
146610.0	82.1	14	2	1075.0	1648.0	-
326828.0	93.0	14	3	1936.0	1620.0	1492.0
509292.0	82.8	14	2	1004.0	1417.0	-
690133.0	77.8	14	2	1562.0	1368.0	-

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)
104226.0	86.8	18	3	1806.0	1756.0	1350.0
257726.0	51.4	18	1	1209.0	-	-
409229.0	77.2	18	2	1331.0	1999.0	-
563669.0	53.6	18	1	1015.0	-	-
85589.0	85.4	18	3	1369.0	1670.0	1253.0
238889.0	61.6	18	1	1224.0	-	-
389804.0	94.2	18	3	1284.0	1315.0	1787.0
543284.0	77.9	18	2	1783.0	1023.0	-
67117.0	63.3	18	1	1777.0	-	-
219327.0	73.8	18	2	1988.0	1329.0	-
372028.0	68.4	18	2	1708.0	1055.0	-
524790.0	75.0	18	2	1088.0	1370.0	-
48212.0	79.7	18	2	1158.0	1800.0	-
200773.0	81.0	18	2	1095.0	1548.0	-
354210.0	64.0	18	1	1040.0	-	-
505308.0	79.6	18	2	1566.0	1746.0	-
29339.0	85.7	18	3	1904.0	1758.0	1279.0
181389.0	85.7	18	3	1193.0	1669.0	1836.0
334243.0	75.1	18	2	1827.0	1338.0	-

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)
488111.0	51.5	19	1	1282.0	-	-
10673.0	54.1	19	1	1770.0	-	-
163400.0	64.3	19	1	1853.0	-	-
315027.0	84.8	19	3	1133.0	1700.0	1213.0
467026.0	91.8	19	3	1534.0	1300.0	1477.0
620592.0	81.8	19	2	1738.0	1121.0	-
143907.0	93.8	19	3	1449.0	1816.0	1549.0
296526.0	78.6	19	2	1918.0	1607.0	-
448279.0	93.8	19	3	1006.0	1810.0	1507.0
599832.0	94.6	19	3	1822.0	1950.0	1153.0
125587.0	68.4	19	2	1686.0	1104.0	-
278520.0	58.1	19	1	1814.0	-	-
431670.0	56.3	19	1	1212.0	-	-
581633.0	85.1	19	3	1333.0	1804.0	1225.0
106738.0	76.7	19	2	1790.0	1379.0	-
259203.0	72.6	19	2	1304.0	1730.0	-
411772.0	74.0	19	2	1280.0	1560.0	-
564196.0	68.5	19	2	1538.0	1375.0	-
88263.0	62.3	19	1	1041.0	-	-

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)
327105.0	59.9	12	1	1993.0	-	-
535115.0	61.1	12	1	1017.0	-	-
741996.0	54.6	12	1	1890.0	-	-
94179.0	50.6	12	1	1791.0	-	-
300364.0	92.4	12	3	1585.0	1955.0	1838.0
508071.0	92.5	12	3	1145.0	1263.0	1076.0
715356.0	67.9	12	2	1878.0	1312.0	-
68361.0	88.4	12	3	1337.0	1809.0	1946.0
275413.0	93.5	12	3	1401.0	1087.0	1357.0
481531.0	93.6	12	3	1893.0	1852.0	1574.0
688623.0	92.3	12	3	1453.0	1590.0	1660.0
42916.0	93.6	12	3	1290.0	1875.0	1749.0
250206.0	79.4	12	2	1528.0	1343.0	-
456420.0	96.5	12	3	1144.0	1699.0	1847.0

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)
715534.0	67.8	11	2	1498.0	1812.0	-
18847.0	81.2	11	2	1701.0	1211.0	-
241982.0	73.7	11	2	1318.0	1726.0	-
465275.0	72.5	11	2	1495.0	1239.0	-
688675.0	66.7	11	2	1021.0	1462.0	-
909487.0	85.4	11	3	1989.0	1907.0	1071.0
214451.0	71.8	11	2	1735.0	1505.0	-
436954.0	91.7	11	3	1662.0	1394.0	1415.0
661106.0	83.1	11	2	1335.0	1242.0	-
885060.0	50.4	11	1	1844.0	-	-
186976.0	83.3	11	2	1801.0	1414.0	-
409572.0	95.0	11	3	1068.0	1805.0	1463.0
634588.0	65.6	11	1	1151.0	-	-

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)
929077.0	62.0	10	1	1915.0	-	-
172580.0	89.9	10	3	1342.0	1593.0	1741.0
415484.0	52.9	10	1	1054.0	-	-
657158.0	58.4	10	1	1968.0	-	-
897224.0	90.1	10	3	1086.0	1164.0	1926.0
143276.0	61.1	10	1	1675.0	-	-
384656.0	73.3	10	2	1826.0	1781.0	-
626121.0	75.8	10	2	1916.0	1996.0	-
869698.0	64.0	10	1	1622.0	-	-
113087.0	97.0	10	3	1351.0	1837.0	1702.0
355694.0	53.5	10	1	1347.0	-	-
597176.0	72.0	10	2	1250.0	1305.0	-

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)
627531.0	92.4	15	3	1849.0	1188.0	1001.0
62516.0	73.9	15	2	1906.0	1792.0	-
243284.0	93.4	15	3	1478.0	1604.0	1334.0
425889.0	50.2	15	1	1291.0	-	-
605078.0	85.0	15	3	1161.0	1220.0	1864.0
40321.0	51.5	15	1	1848.0	-	-
221916.0	51.0	15	1	1361.0	-	-
401908.0	89.0	15	3	1122.0	1283.0	1881.0
585054.0	61.7	15	1	1359.0	-	-
17905.0	88.5	15	3	1535.0	1358.0	1668.0
199625.0	53.9	15	1	1082.0	-	-
380983.0	53.0	15	1	1629.0	-	-
562594.0	50.1	15	1	1485.0	-	-
743872.0	57.2	15	1	1747.0	-	-
176797.0	83.1	15	2	1596.0	1408.0	-
357234.0	90.6	15	3	1511.0	1789.0	1233.0

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)
453429.0	68.3	18	2	1561.0	1774.0	-
605968.0	78.0	18	2	1447.0	1711.0	-
130283.0	54.1	18	1	1594.0	-	-
282498.0	67.3	18	2	1025.0	1851.0	-
434058.0	97.5	18	3	1861.0	1135.0	1210.0
587447.0	76.8	18	2	1384.0	1504.0	-
111479.0	55.8	18	1	1496.0	-	-
263031.0	98.5	18	3	1896.0	1043.0	1568.0
414811.0	90.5	18	3	1705.0	1288.0	1975.0
567744.0	85.1	18	3	1035.0	1445.0	1426.0
92665.0	52.2	18	1	1434.0	-	-
244732.0	82.5	18	2	1632.0	1761.0	-
398517.0	56.1	18	1	1130.0	-	-
549391.0	70.7	18	2	1948.0	1503.0	-
73788.0	53.8	18	1	1883.0	-	-
225805.0	84.2	18	3	1114.0	1294.0	1432.0
378654.0	70.2	18	2	1490.0	1349.0	-
532055.0	50.4	18	1	1759.0	-	-
54876.0	74.4	18	2	1407.0	1619.0	-

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)
246966.0	61.5	15	1	1249.0	-	-
427582.0	78.5	15	2	1567.0	1392.0	-
607469.0	91.4	15	3	1877.0	1091.0	1579.0
42833.0	98.2	15	3	1214.0	1947.0	1019.0
223476.0	99.0	15	3	1917.0	1674.0	1395.0
405329.0	82.3	15	2	1235.0	1606.0	-
587958.0	55.9	15	1	1033.0	-	-
20614.0	53.9	15	1	1921.0	-	-
201805.0	73.6	15	2	1399.0	1419.0	-
381902.0	86.0	15	3	1174.0	1965.0	1859.0
562870.0	100.0	15	3	1733.0	1433.0	1459.0
747004.0	58.3	15	1	1261.0	-	-
179561.0	82.8	15	2	1427.0	1069.0	-
360585.0	78.0	15	2	1098.0	1954.0	-
541562.0	82.7	15	2	1390.0	1913.0	-
724336.0	57.5	15	1	1570.0	-	-

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)
139326.0	86.1	17	3	1259.0	1665.0	1356.0
299996.0	92.8	17	3	1116.0	1241.0	1879.0
460273.0	86.2	17	3	1720.0	1488.0	1578.0
622166.0	74.6	17	2	1833.0	1497.0	-
119982.0	65.6	17	1	1818.0	-	-
280571.0	68.0	17	2	1544.0	1830.0	-
439931.0	94.9	17	3	1751.0	2000.0	1891.0
603590.0	59.7	17	1	1964.0	-	-
99710.0	99.9	17	3	1484.0	1197.0	1863.0
260419.0	99.3	17	3	1850.0	1200.0	1180.0
422392.0	68.5	17	2	1119.0	1047.0	-
582833.0	82.9	17	2	1718.0	1270.0	-
79935.0	91.0	17	3	1793.0	1524.0	1175.0
240681.0	84.7	17	3	1821.0	1248.0	1018.0
402551.0	69.7	17	2	1136.0	1014.0	-
563350.0	82.9	17	2	1272.0	1311.0	-
60105.0	99.7	17	3	1977.0	1897.0	1152.0
221223.0	82.9	17	2	1704.0	1373.0	-

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)
459226.0	71.6	14	2	1252.0	1348.0	-
653171.0	62.0	14	1	1928.0	-	-
48627.0	76.9	14	2	1302.0	1115.0	-
241710.0	79.9	14	2	1959.0	1631.0	-
436098.0	55.2	14	1	1330.0	-	-
627281.0	85.0	14	3	1727.0	1189.0	1609.0
24724.0	91.5	14	3	1797.0	1933.0	1106.0
218106.0	72.8	14	2	1586.0	1316.0	-
411133.0	82.3	14	2	1603.0	1869.0	-
605518.0	62.5	14	1	1888.0	-	-
970.0	90.6	14	3	1268.0	1540.0	1479.0
194150.0	76.8	14	2	1820.0	1667.0	-
387500.0	69.4	14	2	1740.0	1397.0	-
581817.0	54.4	14	1	1694.0	-	-
773629.0	73.4	14	2	1911.0	1637.0	-

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)
256237.0	63.2	7	1	1937.0	-	-
546109.0	67.8	7	2	1990.0	1472.0	-
835169.0	91.5	7	3	1767.0	1773.0	1551.0
1125449.0	84.0	7	3	1420.0	1707.0	1457.0
220391.0	75.9	7	2	1179.0	1053.0	-
511241.0	58.7	7	1	1403.0	-	-
799672.0	93.5	7	3	1684.0	1577.0	1531.0
1089433.0	83.6	7	3	1651.0	1480.0	1786.0
184551.0	81.7	7	2	1515.0	1094.0	-
474315.0	98.3	7	3	1650.0	1428.0	1146.0

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)
448155.0	99.7	16	3	1768.0	1486.0	1500.0
620780.0	63.8	16	1	1829.0	-	-
87429.0	73.0	16	2	1204.0	1042.0	-
258451.0	62.9	16	1	1244.0	-	-
427301.0	89.0	16	3	1513.0	1481.0	1610.0
600278.0	66.3	16	1	1205.0	-	-
66283.0	67.0	16	2	1942.0	1634.0	-
237282.0	58.7	16	1	1595.0	-	-
405718.0	99.9	16	3	1784.0	1966.0	1945.0
579311.0	56.4	16	1	1102.0	-	-
45348.0	70.6	16	2	1654.0	1215.0	-
215692.0	80.6	16	2	1961.0	1424.0	-
387058.0	56.1	16	1	1588.0	-	-
555432.0	87.6	16	3	1571.0	1680.0	1416.0
24387.0	51.1	16	1	1672.0	-	-
194906.0	83.1	16	2	1559.0	1103.0	-
364846.0	92.9	16	3	1143.0	1190.0	1508.0

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)
700329.0	85.8	12	3	1677.0	1456.0	1148.0
4374.0	82.4	12	2	1743.0	1616.0	-
227550.0	69.1	12	2	1238.0	1652.0	-
450764.0	73.1	12	2	1059.0	1750.0	-
674149.0	79.9	12	2	1208.0	1341.0	-
898685.0	64.0	12	1	1237.0	-	-
200285.0	59.5	12	1	1858.0	-	-
422846.0	77.8	12	2	1994.0	1742.0	-
646268.0	66.8	12	2	1600.0	1491.0	-
869932.0	78.2	12	2	1012.0	1509.0	-
172290.0	99.0	12	3	1903.0	1078.0	1404.0
395762.0	73.7	12	2	1084.0	1765.0	-
618947.0	74.2	12	2	1482.0	1367.0	-

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)
643259.0	78.1	17	2	1185.0	1785.0	-
110879.0	78.5	17	2	1038.0	1582.0	-
280825.0	95.3	17	3	1638.0	1228.0	1297.0
451935.0	81.7	17	2	1626.0	1105.0	-
623778.0	55.5	17	1	1255.0	-	-
89753.0	71.2	17	2	1613.0	1923.0	-
260412.0	68.4	17	2	1615.0	1063.0	-
431665.0	59.8	17	1	1529.0	-	-
599418.0	93.4	17	3	1636.0	1671.0	1817.0
68671.0	96.2	17	3	1436.0	1766.0	1354.0
239449.0	73.6	17	2	1024.0	1523.0	-
410146.0	68.1	17	2	1278.0	1070.0	-
580835.0	69.6	17	2	1223.0	1052.0	-
47665.0	98.1	17	3	1732.0	1723.0	1901.0
218813.0	52.7	17	1	1336.0	-	-
388680.0	82.6	17	2	1276.0	1882.0	-
560555.0	61.6	17	1	1346.0	-	-

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)
32644.0	53.9	12	1	1855.0	-	-
239729.0	82.8	12	2	1824.0	1274.0	-
445901.0	92.9	12	3	1177.0	1919.0	1839.0
655309.0	65.9	12	1	1382.0	-	-
7091.0	57.7	12	1	1981.0	-	-
214560.0	51.2	12	1	1721.0	-	-
422022.0	62.5	12	1	1731.0	-	-
628672.0	75.1	12	2	1655.0	1183.0	-
835387.0	69.8	12	2	1402.0	1927.0	-
188512.0	99.8	12	3	1191.0	1630.0	1132.0
396345.0	63.5	12	1	1995.0	-	-
601456.0	85.2	12	3	1614.0	1815.0	1808.0
809622.0	72.1	12	2	1658.0	1943.0	-
162928.0	88.1	12	3	1466.0	1469.0	1520.0

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)
287559.0	68.0	18	2	1691.0	1796.0	-
447913.0	85.0	18	3	1473.0	1287.0	1450.0
609687.0	75.7	18	2	1744.0	1260.0	-
107048.0	78.3	18	2	1007.0	1598.0	-
267494.0	92.2	18	3	1519.0	1251.0	1344.0
427621.0	85.4	18	3	1502.0	1997.0	1487.0
590007.0	74.5	18	2	1391.0	1448.0	-
87155.0	82.0	18	2	1234.0	1780.0	-
248323.0	80.0	18	2	1353.0	1097.0	-
410039.0	64.6	18	1	1440.0	-	-
570572.0	83.0	18	2	1218.0	1160.0	-
67250.0	92.5	18	3	1262.0	1442.0	1092.0
227946.0	86.2	18	3	1168.0	1137.0	1698.0
389066.0	95.6	18	3	1074.0	1061.0	1181.0
551678.0	55.0	18	1	1231.0	-	-
47635.0	60.3	18	1	1170.0	-	-
208967.0	66.0	18	1	1400.0	-	-
370199.0	56.7	18	1	1608.0	-	-

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	5311	5475	5626	5522	5603
5	5384	5280	5508	5461	5699
10	5260	5599	5569	5707	5621
15	5364	5596	5616	5591	5513
20	5550	5285	5292	5390	5672
25	5337	5547	5553	5556	5366
30	5685	5636	5274	5526	5252
35	5705	5427	5468	5307	5414
40	5298	5640	5263	5717	5578
45	5302	5693	5714	5555	5691
50	5537	5670	5575	5587	5373
55	5530	5583	5613	5634	5680
60	5300	5310	5545	5431	5619
65	5419	5495	5534	5349	5502
70	5467	5279	5441	5507	5558
75	5723	5590	5554	5362	5412
80	5500	5544	5469	5674	5677
85	5398	5681	5343	5638	5405
90	5289	5615	5482	5609	5442
95	5518	5389	5386	5573	5432

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5566	5714	5659	5683	5348
5	5426	5302	5583	5624	5431
10	5569	5388	5610	5427	5642
15	5355	5723	5719	5636	5705
20	5461	5354	5708	5382	5645
25	5603	5327	5275	5657	5590
30	5408	5671	5593	5489	5300
35	5547	5369	5518	5264	5557
40	5425	5612	5676	5482	5575
45	5706	5673	5322	5613	5269
50	5424	5546	5276	5638	5462
55	5256	5527	5288	5567	5349
60	5374	5651	5381	5370	5720
65	5617	5468	5377	5345	5333
70	5455	5627	5453	5282	5722
75	5320	5476	5678	5391	5571
80	5331	5375	5576	5563	5541
85	5664	5577	5519	5458	5398
90	5686	5592	5653	5487	5305
95	5585	5702	5539	5444	5471

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5346	5478	5595	5272	5665
5	5565	5702	5658	5312	5638
10	5500	5652	5651	5525	5663
15	5443	5375	5347	5681	5422
20	5469	5520	5649	5471	5618
25	5491	5276	5381	5383	5624
30	5450	5560	5550	5607	5452
35	5270	5508	5706	5535	5710
40	5339	5451	5331	5614	5625
45	5669	5538	5653	5405	5671
50	5322	5689	5325	5551	5554
55	5374	5476	5424	5539	5571
60	5622	5510	5449	5294	5420
65	5643	5282	5394	5537	5696
70	5430	5268	5439	5382	5296
75	5678	5445	5323	5437	5552
80	5583	5485	5348	5723	5384
85	5577	5361	5421	5493	5426
90	5685	5470	5591	5580	5584
95	5261	5499	5369	5293	5459

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5601	5717	5531	5433	5410
5	5607	5724	5258	5475	5467
10	5334	5441	5692	5720	5684
15	5405	5450	5629	5614	5477
20	5589	5687	5463	5591	5282
25	5603	5584	5487	5561	5449
30	5507	5347	5701	5565	5647
35	5322	5428	5388	5253	5387
40	5414	5552	5390	5666	5633
45	5488	5632	5278	5576	5676
50	5628	5265	5262	5377	5318
55	5567	5378	5254	5593	5639
60	5700	5707	5281	5595	5366
65	5369	5706	5430	5272	5491
70	5611	5340	5522	5385	5420
75	5637	5317	5443	5580	5630
80	5263	5604	5332	5311	5535
85	5480	5300	5481	5685	5519
90	5597	5674	5505	5635	5517
95	5273	5670	5554	5435	5267

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5284	5481	5467	5594	5252
5	5649	5333	5638	5674	5265
10	5705	5258	5440	5619	5532
15	5456	5331	5388	5280	5628
20	5552	5564	5645	5312	5591
25	5595	5631	5435	5464	5562
30	5378	5385	5689	5413	5699
35	5264	5701	5490	5630	5663
40	5299	5516	5571	5690	5366
45	5329	5316	5351	5675	5640
50	5332	5444	5684	5293	5390
55	5652	5588	5518	5667	5655
60	5466	5579	5383	5414	5509
65	5508	5485	5269	5723	5596
70	5286	5626	5611	5515	5608
75	5496	5374	5396	5617	5305
80	5484	5648	5447	5703	5325
85	5603	5551	5251	5382	5687
90	5609	5419	5262	5629	5568
95	5537	5718	5379	5558	5505

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5539	5720	5403	5280	5472
5	5691	5671	5408	5704	5406
10	5591	5299	5635	5251	5610
15	5659	5559	5719	5620	5396
20	5446	5569	5544	5537	5533
25	5404	5515	5695	5629	5673
30	5324	5421	5302	5627	5583
35	5353	5504	5495	5316	5653
40	5540	5677	5428	5395	5660
45	5703	5496	5654	5273	5384
50	5253	5505	5367	5440	5401
55	5584	5468	5286	5634	5438
60	5325	5555	5597	5517	5344
65	5258	5393	5604	5405	5314
70	5692	5581	5494	5488	5699
75	5633	5586	5294	5592	5292
80	5718	5641	5437	5432	5383
85	5556	5497	5352	5602	5523
90	5490	5609	5511	5491	5664
95	5500	5608	5260	5338	5553

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5319	5484	5339	5441	5314
5	5355	5596	5483	5392	5710
10	5505	5380	5340	5272	5698
15	5311	5662	5289	5337	5404
20	5515	5607	5633	5510	5324
25	5256	5718	5663	5688	5281
30	5420	5304	5403	5492	5595
35	5388	5469	5567	5379	5285
40	5366	5538	5657	5632	5476
45	5262	5331	5437	5518	5682
50	5681	5418	5529	5699	5431
55	5656	5715	5349	5700	5409
60	5454	5720	5542	5645	5301
65	5594	5553	5621	5545	5495
70	5275	5480	5491	5345	5675
75	5514	5602	5706	5573	5544
80	5353	5422	5252	5597	5429
85	5286	5398	5467	5689	5317
90	5556	5371	5721	5655	5712
95	5522	5393	5503	5343	5719

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5574	5723	5275	5602	5534
5	5397	5618	5558	5555	5442
10	5436	5644	5381	5453	5293
15	5311	5438	5290	5712	5529
20	5315	5681	5548	5625	5483
25	5687	5680	5349	5525	5697
30	5379	5674	5713	5635	5553
35	5601	5631	5308	5659	5719
40	5578	5368	5304	5303	5276
45	5464	5456	5345	5292	5490
50	5405	5382	5469	5715	5522
55	5375	5369	5669	5519	5380
60	5583	5410	5584	5656	5568
65	5722	5417	5502	5477	5356
70	5340	5298	5347	5563	5591
75	5554	5473	5474	5351	5321
80	5366	5678	5416	5660	5426
85	5506	5664	5527	5309	5607
90	5619	5541	5718	5459	5612
95	5360	5299	5468	5431	5402

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5354	5487	5686	5288	5376
5	5439	5543	5633	5718	5649
10	5367	5433	5519	5648	5314
15	5399	5468	5393	5282	5721
20	5323	5275	5489	5714	5456
25	5478	5532	5552	5629	5256
30	5421	5563	5670	5375	5705
35	5673	5455	5397	5492	5548
40	5620	5273	5436	5428	5350
45	5434	5558	5520	5329	5345
50	5697	5557	5623	5632	5338
55	5351	5712	5575	5529	5488
60	5394	5668	5618	5451	5416
65	5663	5610	5479	5516	5549
70	5594	5518	5530	5432	5443
75	5471	5626	5535	5573	5476
80	5459	5580	5723	5423	5664
85	5654	5490	5501	5625	5561
90	5392	5264	5510	5724	5493
95	5624	5377	5505	5526	5277

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5512	5251	5622	5449	5596
5	5481	5565	5708	5309	5478
10	5676	5697	5560	5368	5335
15	5390	5595	5399	5327	5438
20	5331	5441	5430	5706	5429
25	5366	5280	5258	5290	5463
30	5549	5627	5590	5479	5619
35	5337	5490	5550	5406	5468
40	5631	5558	5686	5270	5700
45	5416	5511	5408	5499	5557
50	5688	5259	5571	5418	5546
55	5641	5577	5347	5535	5265
60	5474	5417	5317	5711	5400
65	5452	5398	5502	5282	5588
70	5694	5367	5506	5391	5412
75	5494	5672	5516	5253	5586
80	5715	5269	5311	5323	5518
85	5567	5496	5493	5612	5640
90	5559	5675	5255	5527	5394
95	5409	5533	5702	5330	5608

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5292	5587	5558	5513	5438
5	5620	5490	5308	5472	5685
10	5607	5583	5601	5563	5356
15	5478	5722	5502	5275	5630
20	5717	5510	5468	5320	5499
25	5632	5333	5483	5362	5324
30	5602	5584	5708	5253	5439
35	5476	5581	5619	5325	5417
40	5307	5714	5496	5451	5267
45	5629	5299	5594	5369	5552
50	5347	5564	5435	5622	5507
55	5488	5361	5531	5537	5354
60	5671	5398	5430	5516	5724
65	5618	5657	5642	5349	5391
70	5705	5297	5560	5282	5697
75	5482	5350	5284	5614	5340
80	5497	5505	5599	5336	5471
85	5713	5470	5338	5313	5458
90	5566	5413	5365	5358	5464
95	5677	5367	5411	5517	5687

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5547	5351	5494	5674	5658
5	5662	5512	5383	5635	5417
10	5538	5372	5642	5283	5377
15	5566	5374	5605	5320	5347
20	5250	5676	5409	5312	5472
25	5520	5660	5686	5563	5358
30	5644	5327	5541	5448	5405
35	5259	5518	5672	5415	5478
40	5331	5621	5419	5434	5691
45	5264	5558	5279	5677	5427
50	5709	5440	5611	5673	5596
55	5667	5432	5549	5485	5252
60	5648	5527	5595	5461	5556
65	5444	5603	5465	5298	5664
70	5363	5354	5604	5322	5443
75	5458	5309	5253	5386	5282
80	5277	5500	5534	5317	5433
85	5470	5573	5505	5326	5617
90	5661	5577	5530	5364	5498
95	5559	5379	5525	5519	5598

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5327	5590	5430	5360	5500
5	5704	5437	5458	5323	5721
10	5372	5636	5683	5381	5398
15	5654	5501	5708	5365	5539
20	5258	5270	5350	5401	5445
25	5408	5609	5317	5667	5392
30	5686	5313	5498	5663	5457
35	5657	5288	5631	5720	5557
40	5502	5456	5358	5390	5259
45	5285	5485	5658	5499	5316
50	5312	5724	5307	5490	5279
55	5262	5439	5442	5370	5613
60	5656	5406	5388	5367	5549
65	5666	5722	5463	5272	5459
70	5641	5426	5325	5292	5337
75	5268	5600	5379	5529	5556
80	5534	5533	5664	5597	5314
85	5628	5373	5594	5536	5291
90	5571	5434	5300	5695	5435
95	5441	5488	5542	5574	5582

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5485	5354	5366	5521	5720
5	5271	5459	5533	5389	5453
10	5303	5425	5724	5576	5419
15	5645	5531	5336	5410	5353
20	5644	5436	5388	5490	5418
25	5674	5461	5520	5296	5426
30	5350	5677	5455	5403	5331
35	5277	5321	5476	5579	5406
40	5256	5396	5585	5310	5599
45	5355	5319	5714	5368	5446
50	5711	5386	5570	5488	5300
55	5691	5698	5450	5393	5632
60	5664	5487	5351	5695	5668
65	5592	5392	5671	5402	5482
70	5254	5347	5595	5616	5313
75	5702	5569	5499	5575	5537
80	5311	5357	5314	5282	5445
85	5276	5596	5317	5634	5622
90	5385	5376	5469	5701	5597
95	5559	5629	5566	5391	5527

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5265	5593	5302	5682	5562
5	5410	5384	5608	5552	5660
10	5612	5689	5290	5296	5440
15	5258	5658	5342	5358	5545
20	5652	5602	5329	5482	5391
25	5723	5400	5460	5392	5566
30	5412	5521	5580	5475	5567
35	5375	5559	5645	5710	5668
40	5364	5352	5626	5694	5451
45	5504	5289	5651	5446	5664
50	5351	5485	5514	5638	5250
55	5483	5458	5439	5615	5393
60	5624	5494	5538	5690	5620
65	5438	5314	5621	5625	5667
70	5659	5428	5368	5661	5441
75	5522	5718	5518	5466	5467
80	5570	5420	5345	5308	5640
85	5276	5599	5576	5318	5550
90	5382	5406	5583	5609	5684
95	5647	5409	5648	5433	5427

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5520	5357	5713	5368	5307
5	5452	5406	5683	5715	5489
10	5543	5575	5331	5491	5461
15	5346	5310	5445	5403	5262
20	5660	5671	5270	5571	5364
25	5353	5451	5601	5494	5434
30	5552	5369	5261	5257	5295
35	5502	5658	5646	5712	5559
40	5549	5373	5564	5604	5349
45	5555	5674	5534	5562	5720
50	5538	5322	5365	5402	5574
55	5337	5351	5679	5440	5302
60	5429	5568	5305	5338	5456
65	5417	5484	5416	5569	5377
70	5524	5428	5361	5645	5431
75	5692	5265	5620	5410	5642
80	5289	5499	5718	5480	5584
85	5408	5360	5654	5522	5467
90	5627	5606	5516	5485	5690
95	5264	5631	5662	5388	5276

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5300	5596	5649	5529	5624
5	5494	5331	5283	5403	5696
10	5474	5364	5469	5686	5482
15	5434	5437	5548	5448	5454
20	5571	5362	5308	5563	5337
25	5716	5589	5654	5705	5528
30	5573	5441	5326	5476	5506
35	5493	5641	5274	5442	5487
40	5570	5485	5456	5502	5369
45	5346	5484	5617	5523	5298
50	5328	5673	5541	5453	5285
55	5635	5336	5633	5630	5499
60	5400	5600	5470	5288	5718
65	5527	5714	5518	5413	5356
70	5706	5433	5631	5531	5579
75	5282	5287	5432	5480	5495
80	5590	5607	5273	5471	5680
85	5555	5557	5582	5321	5335
90	5581	5379	5405	5491	5377
95	5250	5352	5707	5319	5615

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5555	5360	5585	5593	5369
5	5536	5353	5358	5469	5428
10	5308	5628	5510	5309	5503
15	5425	5564	5651	5493	5646
20	5579	5431	5724	5652	5310
25	5507	5538	5285	5334	5562
30	5615	5330	5283	5691	5658
35	5313	5305	5365	5335	5640
40	5484	5324	5539	5440	5512
45	5316	5537	5700	5581	5351
50	5690	5452	5717	5504	5374
55	5361	5280	5630	5587	5345
60	5318	5274	5254	5635	5703
65	5595	5641	5473	5467	5449
70	5566	5578	5509	5602	5617
75	5534	5390	5692	5251	5407
80	5575	5461	5272	5388	5437
85	5631	5677	5372	5557	5545
90	5416	5300	5632	5627	5570
95	5497	5411	5607	5364	5696

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5713	5599	5521	5279	5686
5	5675	5278	5433	5632	5635
10	5714	5417	5551	5504	5524
15	5513	5594	5441	5363	5587
20	5597	5665	5644	5283	5395
25	5390	5488	5438	5596	5657
30	5316	5715	5334	5432	5511
35	5347	5553	5606	5318	5398
40	5638	5719	5378	5277	5437
45	5720	5517	5308	5639	5404
50	5480	5328	5418	5555	5463
55	5659	5602	5343	5541	5535
60	5612	5383	5325	5270	5427
65	5467	5419	5263	5416	5388
70	5470	5312	5674	5700	5634
75	5571	5497	5695	5430	5621
80	5442	5601	5694	5567	5460
85	5315	5605	5608	5643	5586
90	5400	5354	5260	5503	5445
95	5392	5473	5266	5429	5680

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5493	5363	5457	5440	5431
5	5717	5300	5508	5320	5464
10	5645	5681	5592	5699	5545
15	5601	5721	5285	5486	5555
20	5498	5666	5703	5258	5256
25	5283	5339	5691	5639	5630
30	5321	5680	5672	5549	5584
35	5331	5644	5402	5568	5312
40	5477	5327	5316	5517	5434
45	5552	5497	5391	5600	5367
50	5679	5594	5606	5482	5546
55	5531	5495	5250	5334	5512
60	5490	5690	5356	5293	5365
65	5424	5608	5265	5368	5686
70	5637	5466	5547	5456	5567
75	5550	5289	5423	5348	5425
80	5668	5282	5671	5287	5254
85	5325	5540	5648	5382	5274
90	5582	5484	5664	5351	5585
95	5688	5570	5330	5709	5386

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5273	5602	5393	5601	5284
5	5322	5583	5483	5671	5479
10	5567	5633	5419	5566	5689
15	5373	5388	5531	5272	5506
20	5357	5644	5250	5704	5549
25	5666	5268	5664	5363	5629
30	5289	5358	5626	5625	5260
35	5295	5721	5323	5316	5410
40	5254	5660	5431	5481	5477
45	5474	5658	5510	5632	5555
50	5657	5263	5305	5719	5449
55	5440	5628	5662	5641	5655
60	5635	5663	5691	5408	5287
65	5314	5535	5296	5672	5262
70	5315	5523	5415	5536	5670
75	5335	5404	5456	5458	5681
80	5442	5571	5482	5420	5476
85	5591	5421	5372	5590	5612
90	5416	5534	5594	5397	5539
95	5270	5724	5564	5390	5425

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5528	5366	5329	5287	5493
5	5423	5722	5658	5549	5403
10	5410	5356	5674	5614	5587
15	5680	5500	5491	5479	5561
20	5514	5426	5585	5339	5677
25	5437	5615	5622	5372	5698
30	5405	5555	5586	5504	5510
35	5349	5289	5351	5566	5399
40	5712	5252	5667	5425	5428
45	5457	5557	5716	5563	5519
50	5334	5471	5708	5352	5603
55	5337	5432	5533	5447	5536
60	5673	5345	5580	5495	5517
65	5354	5488	5263	5650	5427
70	5574	5609	5265	5639	5499
75	5374	5408	5315	5478	5482
80	5462	5521	5505	5568	5266
85	5591	5612	5441	5545	5572
90	5570	5280	5618	5353	5416
95	5703	5414	5594	5254	5446

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5686	5605	5265	5448	5335
5	5465	5269	5258	5712	5707
10	5719	5620	5715	5608	5293
15	5627	5594	5524	5278	5425
20	5592	5623	5331	5650	5703
25	5467	5253	5476	5635	5447
30	5444	5543	5622	5284	5644
35	5442	5362	5649	5626	5566
40	5673	5665	5522	5717	5437
45	5640	5677	5519	5309	5685
50	5647	5441	5329	5659	5357
55	5723	5266	5507	5327	5510
60	5343	5300	5689	5687	5435
65	5482	5697	5377	5681	5268
70	5488	5475	5333	5463	5485
75	5581	5718	5568	5565	5494
80	5352	5651	5596	5345	5390
85	5445	5624	5387	5676	5431
90	5713	5520	5311	5518	5395
95	5371	5693	5653	5708	5275

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5466	5369	5676	5609	5555
5	5507	5669	5333	5400	5439
10	5650	5409	5281	5432	5629
15	5381	5657	5697	5569	5470
20	5433	5661	5564	5420	5623
25	5591	5319	5456	5677	5586
30	5430	5500	5362	5436	5367
35	5630	5633	5327	5637	5405
40	5446	5519	5646	5320	5723
45	5260	5572	5671	5561	5348
50	5335	5530	5627	5603	5711
55	5311	5438	5463	5478	5675
60	5567	5256	5266	5343	5512
65	5636	5374	5314	5589	5655
70	5278	5252	5368	5715	5451
75	5292	5724	5458	5667	5444
80	5262	5594	5499	5277	5631
85	5562	5689	5644	5614	5424
90	5274	5550	5593	5588	5610
95	5324	5558	5349	5448	5704

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5721	5608	5612	5295	5397
5	5549	5691	5408	5563	5646
10	5581	5673	5419	5627	5650
15	5469	5309	5703	5614	5662
20	5441	5352	5505	5412	5596
25	5382	5268	5659	5306	5628
30	5319	5457	5577	5685	5609
35	5526	5480	5551	5719	5364
40	5384	5573	5516	5478	5300
45	5331	5318	5625	5461	5340
50	5524	5386	5619	5450	5424
55	5265	5282	5449	5585	5365
60	5512	5567	5289	5713	5682
65	5410	5361	5447	5371	5564
70	5330	5251	5693	5578	5425
75	5514	5704	5280	5316	5559
80	5409	5547	5674	5616	5617
85	5601	5366	5258	5358	5440
90	5458	5562	5284	5303	5413
95	5286	5253	5329	5611	5344

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5501	5372	5548	5359	5617
5	5688	5616	5483	5251	5475
10	5415	5559	5460	5347	5671
15	5436	5331	5562	5379	5352
20	5518	5446	5569	5270	5595
25	5387	5410	5262	5670	5683
30	5414	5317	5362	5385	5651
35	5337	5322	5255	5465	5655
40	5447	5338	5513	5407	5280
45	5279	5678	5348	5691	5700
50	5437	5330	5273	5394	5612
55	5694	5343	5576	5323	5714
60	5530	5554	5395	5490	5710
65	5536	5631	5356	5654	5639
70	5519	5321	5471	5413	5306
75	5685	5565	5698	5381	5406
80	5669	5339	5605	5459	5604
85	5450	5637	5711	5582	5555
90	5614	5606	5264	5295	5470
95	5579	5717	5287	5311	5643

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5659	5708	5484	5520	5459
5	5255	5638	5558	5317	5682
10	5346	5348	5501	5542	5692
15	5548	5563	5434	5607	5571
20	5360	5587	5493	5633	5544
25	5590	5514	5296	5334	5669
30	5371	5435	5611	5680	5315
35	5428	5593	5408	5476	5494
40	5627	5260	5578	5510	5336
45	5497	5337	5256	5613	5567
50	5304	5488	5419	5474	5716
55	5325	5551	5533	5298	5294
60	5368	5695	5499	5702	5316
65	5656	5262	5580	5385	5566
70	5546	5442	5688	5307	5282
75	5547	5534	5343	5524	5387
80	5446	5352	5456	5324	5450
85	5292	5697	5606	5426	5630
90	5270	5329	5582	5579	5596
95	5297	5684	5622	5347	5326

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5439	5472	5420	5681	5679
5	5297	5563	5633	5480	5414
10	5277	5612	5542	5640	5713
15	5636	5690	5537	5652	5288
20	5368	5278	5425	5582	5515
25	5424	5396	5696	5618	5330
30	5376	5558	5328	5650	5500
35	5454	5519	5486	5561	5390
40	5333	5710	5673	5343	5507
45	5643	5715	5580	5395	5309
50	5443	5539	5508	5660	5513
55	5505	5723	5592	5265	5400
60	5385	5444	5534	5617	5699
65	5560	5529	5421	5398	5341
70	5720	5285	5293	5574	5586
75	5258	5506	5503	5366	5570
80	5698	5462	5573	5361	5602
85	5453	5616	5353	5706	5523
90	5415	5635	5624	5320	5276
95	5363	5367	5688	5613	5352

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5694	5711	5356	5367	5424
5	5339	5585	5708	5643	5718
10	5586	5401	5583	5360	5259
15	5724	5720	5640	5697	5480
20	5279	5347	5366	5574	5488
25	5312	5723	5344	5364	5418
30	5447	5285	5390	5537	5698
35	5593	5610	5282	5714	5304
40	5647	5318	5611	5486	5601
45	5572	5695	5265	5290	5656
50	5590	5597	5595	5507	5701
55	5459	5438	5411	5529	5550
60	5389	5463	5540	5645	5286
65	5478	5608	5523	5454	5577
70	5338	5709	5465	5375	5713
75	5349	5475	5354	5525	5665
80	5450	5336	5256	5548	5623
85	5715	5283	5311	5485	5379
90	5300	5700	5252	5407	5483
95	5268	5419	5717	5719	5313

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5474	5475	5292	5528	5266
5	5478	5510	5308	5331	5450
10	5517	5665	5624	5555	5280
15	5715	5372	5646	5645	5294
20	5287	5513	5404	5663	5461
25	5578	5672	5627	5448	5398
30	5557	5433	5717	5605	5689
35	5518	5635	5323	5553	5489
40	5315	5486	5498	5549	5251
45	5598	5675	5368	5414	5318
50	5573	5357	5641	5418	5451
55	5317	5413	5531	5705	5585
60	5658	5431	5295	5366	5591
65	5487	5427	5396	5440	5503
70	5704	5526	5362	5677	5662
75	5685	5424	5344	5606	5284
80	5330	5252	5610	5253	5447
85	5256	5390	5683	5432	5723
90	5565	5559	5642	5650	5385
95	5334	5269	5462	5417	5671

Test Site	WZ-SR4	Test Engineer	Jake Lan
Test Date	2022-09-02		
Test Item	Radar Statistical Performance Check (802.11ax-HE80 – 5530MHz, Target Channel)		

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	5547	1	5507	1	5551	1	5501	1
1	5569	1	5519	1	5499	1	5561	1
2	5538	1	5509	1	5500	1	5528	1
3	5524	1	5542	0	5569	1	5491	0
4	5530	1	5491	0	5534	1	5559	1
5	5509	1	5566	1	5491	1	5534	1
6	5558	0	5553	1	5548	1	5518	1
7	5564	1	5522	1	5534	1	5501	0
8	5561	1	5547	0	5563	0	5530	1
9	5567	1	5523	1	5511	1	5531	1
10	5548	1	5542	1	5512	0	5509	1
11	5494	1	5530	1	5565	1	5527	1
12	5510	1	5514	1	5507	0	5543	1
13	5521	1	5559	1	5544	1	5499	1
14	5526	1	5561	1	5554	1	5569	1
15	5525	1	5550	0	5497	1	5504	1
16	5519	1	5500	1	5534	1	5511	1
17	5533	1	5498	0	5549	1	5503	1
18	5567	1	5535	1	5562	1	5549	1
19	5522	1	5532	1	5538	0	5560	0
20	5566	1	5520	1	5528	1	5518	1
21	5531	1	5518	1	5496	0	5546	0
22	5555	1	5506	1	5559	1	5529	1
23	5491	0	5501	1	5561	1	5566	0
24	5551	1	5569	1	5553	1	5508	1
25	5513	1	5515	1	5518	1	5524	1
26	5527	1	5510	1	5511	1	5513	0
27	5539	1	5497	1	5497	1	5564	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	5516	1	5523	1	5537	1	5542	1
29	5536	1	5537	0	5530	1	5515	1
Probability:	93.3%		80.0%		83.3%		76.7%	
Aggregate:	**83.3% (>80%)**							

Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 1	1.0	878.0	61	53558.0
Download	1	Type 1	1.0	658.0	81	53298.0
Download	2	Type 1	1.0	778.0	68	52904.0
Download	3	Type 1	1.0	858.0	62	53196.0
Download	4	Type 1	1.0	598.0	89	53222.0
Download	5	Type 1	1.0	618.0	86	53148.0
Download	6	Type 1	1.0	738.0	72	53136.0
Download	7	Type 1	1.0	698.0	76	53048.0
Download	8	Type 1	1.0	558.0	95	53010.0
Download	9	Type 1	1.0	938.0	57	53466.0
Download	10	Type 1	1.0	3066.0	18	55188.0
Download	11	Type 1	1.0	518.0	102	52836.0
Download	12	Type 1	1.0	538.0	99	53262.0
Download	13	Type 1	1.0	898.0	59	52982.0
Download	14	Type 1	1.0	678.0	78	52884.0
Download	15	Type 1	1.0	1748.0	31	54188.0
Download	16	Type 1	1.0	801.0	66	52866.0
Download	17	Type 1	1.0	585.0	91	53235.0
Download	18	Type 1	1.0	1441.0	37	53317.0
Download	19	Type 1	1.0	779.0	68	52972.0
Download	20	Type 1	1.0	1554.0	34	52836.0
Download	21	Type 1	1.0	1070.0	50	53500.0
Download	22	Type 1	1.0	2888.0	19	54872.0
Download	23	Type 1	1.0	1994.0	27	53838.0
Download	24	Type 1	1.0	1198.0	45	53910.0
Download	25	Type 1	1.0	968.0	55	53240.0
Download	26	Type 1	1.0	2230.0	24	53520.0
Download	27	Type 1	1.0	925.0	58	53650.0
Download	28	Type 1	1.0	588.0	90	52920.0
Download	29	Type 1	1.0	2100.0	26	54600.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.1	175.0	28	4900.0
Download	1	Type 2	2.2	157.0	25	3925.0
Download	2	Type 2	4.7	215.0	29	6235.0
Download	3	Type 2	2.5	193.0	25	4825.0
Download	4	Type 2	4.9	230.0	29	6670.0
Download	5	Type 2	4.1	201.0	28	5628.0
Download	6	Type 2	3.1	192.0	26	4992.0
Download	7	Type 2	3.1	176.0	26	4576.0
Download	8	Type 2	3.7	199.0	27	5373.0
Download	9	Type 2	1.9	165.0	24	3960.0
Download	10	Type 2	1.7	177.0	24	4248.0
Download	11	Type 2	2.5	154.0	25	3850.0
Download	12	Type 2	2.0	214.0	24	5136.0
Download	13	Type 2	2.6	211.0	25	5275.0
Download	14	Type 2	1.7	216.0	24	5184.0
Download	15	Type 2	4.1	217.0	28	6076.0
Download	16	Type 2	1.8	168.0	24	4032.0
Download	17	Type 2	3.1	156.0	26	4056.0
Download	18	Type 2	4.7	189.0	29	5481.0
Download	19	Type 2	1.5	205.0	23	4715.0
Download	20	Type 2	4.8	170.0	29	4930.0
Download	21	Type 2	1.5	152.0	23	3496.0
Download	22	Type 2	4.1	206.0	28	5768.0
Download	23	Type 2	1.4	164.0	23	3772.0
Download	24	Type 2	1.8	173.0	24	4152.0
Download	25	Type 2	1.4	203.0	23	4669.0
Download	26	Type 2	2.9	224.0	26	5824.0
Download	27	Type 2	1.7	158.0	24	3792.0
Download	28	Type 2	2.0	190.0	24	4560.0
Download	29	Type 2	1.5	220.0	23	5060.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.1	344.0	18	6192.0
Download	1	Type 3	7.2	202.0	16	3232.0
Download	2	Type 3	9.7	482.0	18	8676.0
Download	3	Type 3	7.5	401.0	17	6817.0
Download	4	Type 3	9.9	323.0	18	5814.0
Download	5	Type 3	9.1	333.0	18	5994.0
Download	6	Type 3	8.1	495.0	17	8415.0
Download	7	Type 3	8.1	239.0	17	4063.0
Download	8	Type 3	8.7	321.0	18	5778.0
Download	9	Type 3	6.9	484.0	16	7744.0
Download	10	Type 3	6.7	385.0	16	6160.0
Download	11	Type 3	7.5	459.0	17	7803.0
Download	12	Type 3	7.0	287.0	16	4592.0
Download	13	Type 3	7.6	235.0	17	3995.0
Download	14	Type 3	6.7	412.0	16	6592.0
Download	15	Type 3	9.1	402.0	18	7236.0
Download	16	Type 3	6.8	473.0	16	7568.0
Download	17	Type 3	8.1	359.0	17	6103.0
Download	18	Type 3	9.7	443.0	18	7974.0
Download	19	Type 3	6.5	351.0	16	5616.0
Download	20	Type 3	9.8	218.0	18	3924.0
Download	21	Type 3	6.5	499.0	16	7984.0
Download	22	Type 3	9.1	492.0	18	8856.0
Download	23	Type 3	6.4	477.0	16	7632.0
Download	24	Type 3	6.8	214.0	16	3424.0
Download	25	Type 3	6.4	370.0	16	5920.0
Download	26	Type 3	7.9	205.0	17	3485.0
Download	27	Type 3	6.7	424.0	16	6784.0
Download	28	Type 3	7.0	478.0	16	7648.0
Download	29	Type 3	6.5	253.0	16	4048.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	17.8	344.0	15	5160.0
Download	1	Type 4	13.8	202.0	13	2626.0
Download	2	Type 4	19.3	482.0	16	7712.0
Download	3	Type 4	14.4	401.0	13	5213.0
Download	4	Type 4	19.8	323.0	16	5168.0
Download	5	Type 4	17.8	333.0	15	4995.0
Download	6	Type 4	15.7	495.0	14	6930.0
Download	7	Type 4	15.7	239.0	14	3346.0
Download	8	Type 4	17.0	321.0	15	4815.0
Download	9	Type 4	13.1	484.0	13	6292.0
Download	10	Type 4	12.6	385.0	12	4620.0
Download	11	Type 4	14.4	459.0	13	5967.0
Download	12	Type 4	13.3	287.0	13	3731.0
Download	13	Type 4	14.6	235.0	14	3290.0
Download	14	Type 4	12.6	412.0	12	4944.0
Download	15	Type 4	17.9	402.0	15	6030.0
Download	16	Type 4	12.8	473.0	12	5676.0
Download	17	Type 4	15.6	359.0	14	5026.0
Download	18	Type 4	19.3	443.0	16	7088.0
Download	19	Type 4	12.1	351.0	12	4212.0
Download	20	Type 4	19.4	218.0	16	3488.0
Download	21	Type 4	12.2	499.0	12	5988.0
Download	22	Type 4	17.9	492.0	15	7380.0
Download	23	Type 4	11.9	477.0	12	5724.0
Download	24	Type 4	12.8	214.0	13	2782.0
Download	25	Type 4	12.0	370.0	12	4440.0
Download	26	Type 4	15.3	205.0	14	2870.0
Download	27	Type 4	12.7	424.0	12	5088.0
Download	28	Type 4	13.2	478.0	13	6214.0
Download	29	Type 4	12.1	253.0	12	3036.0

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	5497.8	1
1	5530	1	16	5494.2	1
2	5530	1	17	5496.2	1
3	5530	1	18	5498.6	1
4	5530	1	19	5493.8	0
5	5530	1	20	5561.4	1
6	5530	1	21	5566.2	0
7	5530	1	22	5562.2	1
8	5530	1	23	5566.6	0
9	5530	1	24	5565.8	1
10	5493.8	1	25	5566.6	1
11	5495.4	1	26	5564.2	1
12	5494.6	1	27	5565.8	0
13	5495.4	1	28	5565.4	0
14	5493.8	1	29	5566.2	1
Detection Percentage (%)			**83.3%**		

Type 5 Radar Waveform_0

Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
238.0	87.9	17	3	1430.0	1784.0	1512.0
170973.0	65.7	17	1	1919.0	-	-
340596.0	96.1	17	3	1503.0	1657.0	1045.0
511192.0	68.8	17	2	1749.0	1883.0	-
679319.0	98.8	17	3	1960.0	1957.0	1973.0
149567.0	87.9	17	3	1253.0	1037.0	1390.0
320186.0	75.8	17	2	1889.0	1105.0	-
490188.0	76.0	17	2	1699.0	1969.0	-
659730.0	83.4	17	3	1805.0	1284.0	1395.0
129058.0	61.8	17	1	1118.0	-	-
299626.0	59.0	17	1	1965.0	-	-
469083.0	69.0	17	2	1956.0	1902.0	-
641846.0	62.7	17	1	1113.0	-	-
107783.0	70.1	17	2	1024.0	1536.0	-
278672.0	59.0	17	1	1774.0	-	-
448028.0	87.9	17	3	1311.0	1464.0	1212.0
620816.0	59.9	17	1	1085.0	-	-

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)
123054.0	75.8	10	2	1197.0	1397.0	-
364557.0	96.2	10	3	1119.0	1194.0	1372.0
607582.0	56.3	10	1	1405.0	-	-
847516.0	96.5	10	3	1169.0	1010.0	1878.0
93344.0	56.6	10	1	1659.0	-	-
334865.0	88.3	10	3	1309.0	1066.0	1094.0
577902.0	55.1	10	1	1142.0	-	-
819914.0	60.4	10	1	1437.0	-	-
63503.0	55.6	10	1	1925.0	-	-
305073.0	74.2	10	2	1950.0	1590.0	-
548031.0	59.4	10	1	1199.0	-	-
790313.0	62.6	10	1	1146.0	-	-

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)
21261.0	56.3	19	1	1642.0	-	-
174109.0	58.4	19	1	1394.0	-	-
325957.0	78.5	19	2	1549.0	1757.0	-
477038.0	89.8	19	3	1934.0	1725.0	1347.0
2444.0	57.1	19	1	1186.0	-	-
154468.0	85.3	19	3	1899.0	1762.0	1041.0
306744.0	87.9	19	3	1205.0	1446.0	1563.0
461235.0	56.7	19	1	1021.0	-	-
610234.0	86.5	19	3	1913.0	1327.0	1817.0
136404.0	61.0	19	1	1636.0	-	-
289235.0	53.8	19	1	1527.0	-	-
439506.0	91.0	19	3	1519.0	1714.0	1909.0
593507.0	74.8	19	2	1141.0	1808.0	-
117408.0	71.9	19	2	1449.0	1135.0	-
270015.0	73.9	19	2	1352.0	1102.0	-
423330.0	58.0	19	1	1363.0	-	-
576393.0	65.2	19	1	1127.0	-	-
98275.0	99.4	19	3	1266.0	1941.0	1557.0
251698.0	58.9	19	1	1256.0	-	-

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)
639880.0	82.1	11	2	1165.0	1900.0	-
882725.0	65.0	11	1	1870.0	-	-
126266.0	87.7	11	3	1473.0	1918.0	1692.0
368402.0	72.5	11	2	1013.0	1802.0	-
611346.0	52.5	11	1	1025.0	-	-
850863.0	93.0	11	3	1834.0	1416.0	1012.0
96682.0	70.3	11	2	1876.0	1775.0	-
338314.0	81.2	11	2	1818.0	1874.0	-
580319.0	77.4	11	2	1123.0	1935.0	-
821406.0	91.0	11	3	1300.0	1408.0	1202.0
67045.0	58.4	11	1	1738.0	-	-
308090.0	93.1	11	3	1843.0	1997.0	1337.0

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)
330292.0	63.7	20	1	1888.0	-	-
476037.0	66.3	20	1	1028.0	-	-
22302.0	63.3	20	1	1891.0	-	-
167216.0	77.0	20	2	1307.0	1109.0	-
312648.0	53.3	20	1	1459.0	-	-
456798.0	80.6	20	2	1597.0	1190.0	-
4426.0	79.3	20	2	1864.0	1080.0	-
149542.0	55.6	20	1	1701.0	-	-
293292.0	84.8	20	3	1107.0	1369.0	1978.0
438623.0	71.2	20	2	1303.0	1938.0	-
584003.0	81.2	20	2	1090.0	1489.0	-
131370.0	73.4	20	2	1354.0	1703.0	-
276951.0	64.7	20	1	1320.0	-	-
419463.0	92.3	20	3	1687.0	1576.0	1867.0
566945.0	65.3	20	1	1745.0	-	-
113374.0	71.6	20	2	1921.0	1990.0	-
257414.0	84.8	20	3	1858.0	1923.0	1355.0
404157.0	64.3	20	1	1479.0	-	-
546045.0	97.2	20	3	1916.0	1999.0	1129.0
95369.0	95.2	20	3	1584.0	1560.0	2000.0

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)
283796.0	56.2	17	1	1417.0	-	-
454643.0	65.2	17	1	1431.0	-	-
624169.0	77.4	17	2	1628.0	1296.0	-
91629.0	97.6	17	3	1234.0	1193.0	1039.0
262226.0	68.7	17	2	1285.0	1540.0	-
431959.0	85.9	17	3	1059.0	1500.0	1534.0
602650.0	76.0	17	2	1580.0	1948.0	-
70522.0	96.8	17	3	1457.0	1986.0	1244.0
240502.0	86.8	17	3	1523.0	1793.0	1609.0
412461.0	54.0	17	1	1587.0	-	-
582980.0	60.4	17	1	1943.0	-	-
49783.0	65.8	17	1	1727.0	-	-
220133.0	78.1	17	2	1475.0	1625.0	-
390824.0	67.9	17	2	1029.0	1631.0	-
560836.0	90.1	17	3	1091.0	1072.0	1176.0
28710.0	74.6	17	2	1328.0	1310.0	-
199622.0	61.4	17	1	1391.0	-	-

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)
448144.0	94.9	13	3	1595.0	1674.0	1706.0
656688.0	70.6	13	2	1228.0	1318.0	-
9358.0	77.4	13	2	1108.0	1432.0	-
216132.0	86.0	13	3	1635.0	1672.0	1183.0
422801.0	93.7	13	3	1380.0	1796.0	1569.0
630372.0	74.1	13	2	1731.0	1879.0	-
839133.0	60.8	13	1	1824.0	-	-
190716.0	83.9	13	3	1069.0	1669.0	1497.0
398910.0	64.2	13	1	1368.0	-	-
606182.0	57.8	13	1	1764.0	-	-
813715.0	60.2	13	1	1683.0	-	-
165472.0	77.6	13	2	1409.0	1611.0	-
371994.0	98.7	13	3	1505.0	1638.0	1319.0
578407.0	96.5	13	3	1644.0	1572.0	1819.0

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)
788410.0	63.0	13	1	1410.0	-	-
139715.0	93.9	13	3	1634.0	1522.0	1332.0
347676.0	63.2	13	1	1619.0	-	-
553583.0	86.8	13	3	1043.0	1813.0	1206.0
760214.0	98.5	13	3	1860.0	1267.0	1235.0
114257.0	88.9	13	3	1315.0	1615.0	1448.0
322243.0	65.8	13	1	1287.0	-	-
529687.0	58.3	13	1	1494.0	-	-
735562.0	67.4	13	2	1822.0	1583.0	-
89103.0	54.6	13	1	1290.0	-	-
296081.0	82.5	13	2	1139.0	1862.0	-
503393.0	68.9	13	2	1556.0	1181.0	-
710263.0	80.8	13	2	1954.0	1204.0	-
63544.0	60.8	13	1	1167.0	-	-

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)
237005.0	65.4	15	1	1800.0	-	-
416988.0	95.4	15	3	1061.0	1914.0	1469.0
597399.0	96.8	15	3	1443.0	1521.0	1992.0
33184.0	52.2	15	1	1971.0	-	-
213721.0	90.8	15	3	1442.0	1716.0	1892.0
396125.0	60.2	15	1	1782.0	-	-
575805.0	90.0	15	3	1621.0	1257.0	1218.0
10804.0	93.8	15	3	1752.0	1271.0	1219.0
191975.0	69.7	15	2	1151.0	1920.0	-
373743.0	59.2	15	1	1841.0	-	-
555233.0	62.6	15	1	1789.0	-	-
734887.0	91.2	15	3	1313.0	1083.0	1232.0
170094.0	66.6	15	1	1164.0	-	-
351426.0	63.7	15	1	1768.0	-	-
533084.0	54.4	15	1	1504.0	-	-
712969.0	78.1	15	2	1617.0	1614.0	-

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)
214911.0	65.7	8	1	1485.0	-	-
478318.0	69.1	8	2	1829.0	1502.0	-
740712.0	88.2	8	3	1761.0	1776.0	1815.0
1007872.0	57.6	8	1	1158.0	-	-
181835.0	97.4	8	3	1677.0	1020.0	1951.0
445977.0	72.0	8	2	1403.0	1564.0	-
710896.0	64.8	8	1	1344.0	-	-
974130.0	81.1	8	2	1099.0	1385.0	-
149415.0	91.6	8	3	1198.0	1671.0	1555.0
412944.0	85.7	8	3	1130.0	1655.0	1579.0
676415.0	95.7	8	3	1401.0	1952.0	1093.0

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)
1033464.0	86.5	7	3	1803.0	1705.0	1895.0
129027.0	53.1	7	1	1388.0	-	-
418945.0	72.8	7	2	1668.0	1955.0	-
710646.0	53.4	7	1	1022.0	-	-
999753.0	74.8	7	2	1445.0	1591.0	-
92962.0	93.3	7	3	1912.0	1741.0	1034.0
383886.0	50.0	7	1	1495.0	-	-
674114.0	68.4	7	2	1213.0	1077.0	-
963769.0	68.9	7	2	1484.0	1832.0	-
57422.0	61.0	7	1	1152.0	-	-

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)
289961.0	58.0	11	1	1613.0	-	-
530566.0	86.9	11	3	1065.0	1929.0	1499.0
772324.0	88.4	11	3	1510.0	1429.0	1148.0
17993.0	56.4	11	1	1686.0	-	-
259797.0	69.3	11	2	1658.0	1250.0	-
501201.0	74.1	11	2	1780.0	1968.0	-
744247.0	53.9	11	1	1840.0	-	-
984512.0	74.2	11	2	1922.0	1759.0	-
230402.0	57.3	11	1	1211.0	-	-
471654.0	72.3	11	2	1524.0	1769.0	-
714599.0	52.0	11	1	1600.0	-	-
956845.0	53.9	11	1	1492.0	-	-

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)
218051.0	89.4	9	3	1230.0	1967.0	1838.0
481672.0	88.9	9	3	1054.0	1543.0	1846.0
747215.0	63.3	9	1	1468.0	-	-
1009663.0	80.7	9	2	1593.0	1788.0	-
186002.0	73.2	9	2	1645.0	1103.0	-
450514.0	63.5	9	1	1299.0	-	-
712224.0	93.5	9	3	1771.0	1567.0	1856.0
977934.0	80.5	9	2	1175.0	1360.0	-
153658.0	65.6	9	1	1582.0	-	-
417978.0	60.6	9	1	1260.0	-	-
682081.0	55.0	9	1	1533.0	-	-

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)
800226.0	64.5	11	1	1850.0	-	-
102501.0	53.4	11	1	1171.0	-	-
324837.0	90.6	11	3	1678.0	1795.0	1247.0
547419.0	96.9	11	3	1544.0	1620.0	1804.0
773307.0	55.8	11	1	1132.0	-	-
74643.0	87.8	11	3	1911.0	1763.0	1389.0
297378.0	97.9	11	3	1641.0	1349.0	1801.0
522008.0	66.6	11	1	1407.0	-	-
742603.0	95.3	11	3	1436.0	1766.0	1839.0
47253.0	85.5	11	3	1375.0	1350.0	1663.0
270485.0	67.0	11	2	1940.0	1014.0	-
494244.0	57.7	11	1	1836.0	-	-
716692.0	82.3	11	2	1750.0	1346.0	-

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)
25762.0	99.8	7	3	1573.0	1991.0	1565.0
316514.0	51.1	7	1	1501.0	-	-
606281.0	78.0	7	2	1626.0	1664.0	-
895132.0	97.9	7	3	1451.0	1821.0	1873.0
1188320.0	60.9	7	1	1718.0	-	-
280802.0	56.9	7	1	1106.0	-	-
569629.0	84.3	7	3	1989.0	1462.0	1730.0
861879.0	63.4	7	1	1748.0	-	-
1150646.0	93.6	7	3	1242.0	1282.0	1145.0
244583.0	82.5	7	2	1210.0	1866.0	-

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)
314937.0	63.8	17	1	1128.0	-	-
483812.0	84.0	17	3	1067.0	1798.0	1237.0
653854.0	90.1	17	3	1236.0	1254.0	1786.0
122176.0	94.2	17	3	1987.0	1947.0	1676.0
293234.0	70.1	17	2	1125.0	1559.0	-
463059.0	86.6	17	3	1632.0	1044.0	1104.0
634237.0	75.0	17	2	1163.0	1624.0	-
101346.0	88.4	17	3	1291.0	1799.0	1894.0
271280.0	95.4	17	3	1592.0	1651.0	1886.0
442059.0	97.4	17	3	1225.0	1226.0	1370.0
613075.0	81.9	17	2	1221.0	1747.0	-
80642.0	73.9	17	2	1697.0	1246.0	-
251624.0	52.9	17	1	1550.0	-	-
421525.0	78.7	17	2	1333.0	1754.0	-
592674.0	77.2	17	2	1252.0	1006.0	-
59557.0	98.2	17	3	1306.0	1629.0	1008.0
229341.0	86.5	17	3	1936.0	1506.0	1901.0

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)
683213.0	59.4	8	1	1189.0	-	-
973782.0	55.6	8	1	1411.0	-	-
65891.0	56.8	8	1	1364.0	-	-
355942.0	68.5	8	2	1849.0	1721.0	-
646293.0	72.3	8	2	1358.0	1880.0	-
937077.0	81.1	8	2	1553.0	1005.0	-
30035.0	81.1	8	2	1673.0	1571.0	-
320365.0	80.9	8	2	1062.0	1887.0	-
610745.0	72.0	8	2	1616.0	1220.0	-
900224.0	85.5	8	3	1603.0	1356.0	1035.0

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)
848456.0	95.7	13	3	1736.0	1848.0	1031.0
203124.0	69.6	13	2	1068.0	1733.0	-
411064.0	58.7	13	1	1269.0	-	-
617353.0	76.3	13	2	1746.0	1304.0	-
823339.0	91.7	13	3	1643.0	1208.0	1399.0
177432.0	70.9	13	2	1648.0	1964.0	-
385008.0	71.0	13	2	1209.0	1143.0	-
592468.0	76.7	13	2	1055.0	1086.0	-
800146.0	62.9	13	1	1806.0	-	-
152286.0	65.7	13	1	1630.0	-	-
358491.0	93.6	13	3	1513.0	1653.0	1517.0
566550.0	77.8	13	2	1249.0	1458.0	-
773371.0	80.1	13	2	1421.0	1735.0	-
126636.0	70.3	13	2	1192.0	1060.0	-

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)
245066.0	97.1	19	3	1088.0	1322.0	1861.0
398183.0	71.6	19	2	1144.0	1588.0	-
551538.0	60.3	19	1	1772.0	-	-
74477.0	50.4	19	1	1790.0	-	-
226500.0	75.9	19	2	1946.0	1842.0	-
378392.0	98.2	19	3	1596.0	1259.0	1542.0
530301.0	99.3	19	3	1191.0	1514.0	1931.0
55538.0	70.6	19	2	1831.0	1374.0	-
208534.0	62.7	19	1	1404.0	-	-
360775.0	70.4	19	2	1046.0	1398.0	-
512935.0	74.9	19	2	1272.0	1693.0	-
36886.0	57.7	19	1	1147.0	-	-
188739.0	86.8	19	3	1026.0	1726.0	1871.0
342713.0	64.0	19	1	1095.0	-	-
493742.0	91.6	19	3	1200.0	1276.0	1015.0
18037.0	52.8	19	1	1691.0	-	-
170842.0	59.0	19	1	1551.0	-	-
323752.0	63.2	19	1	1340.0	-	-
474790.0	98.1	19	3	1173.0	1493.0	1074.0

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)
1330663.0	51.0	7	1	1019.0	-	-
320925.0	79.4	7	2	1365.0	1937.0	-
643580.0	68.8	7	2	1452.0	1684.0	-
965160.0	86.7	7	3	1002.0	1953.0	1605.0
1288823.0	71.0	7	2	1689.0	1433.0	-
281137.0	90.2	7	3	1038.0	1179.0	1342.0
604498.0	52.9	7	1	1688.0	-	-
926441.0	82.0	7	2	1662.0	1496.0	-
1250173.0	51.9	7	1	1962.0	-	-

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)
108662.0	64.3	19	1	1455.0	-	-
253253.0	82.5	19	2	1783.0	1027.0	-
396730.0	92.9	19	3	1709.0	1273.0	1869.0
542906.0	81.6	19	2	1092.0	1742.0	-
90539.0	75.6	19	2	1508.0	1539.0	-
234595.0	86.5	19	3	1751.0	1393.0	1739.0
380374.0	71.4	19	2	1195.0	1420.0	-
526150.0	50.6	19	1	1601.0	-	-
72769.0	70.8	19	2	1377.0	1150.0	-
217554.0	80.7	19	2	1378.0	1482.0	-
362913.0	54.9	19	1	1979.0	-	-
507629.0	73.9	19	2	1084.0	1275.0	-
54731.0	86.2	19	3	1116.0	1518.0	1945.0
199702.0	75.0	19	2	1554.0	1343.0	-
345350.0	56.8	19	1	1456.0	-	-
487426.0	88.3	19	3	1959.0	1649.0	1618.0
37136.0	51.4	19	1	1471.0	-	-
181284.0	83.9	19	3	1361.0	1975.0	1465.0
325770.0	84.2	19	3	1419.0	1487.0	1654.0
472343.0	57.0	19	1	1825.0	-	-

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)
42766.0	85.2	7	3	1882.0	1079.0	1033.0
365743.0	60.1	7	1	1917.0	-	-
688771.0	56.6	7	1	1690.0	-	-
1011131.0	80.3	7	2	1007.0	1480.0	-
3055.0	79.7	7	2	1078.0	1827.0	-
325674.0	79.0	7	2	1781.0	1336.0	-
647793.0	90.9	7	3	1427.0	1581.0	1137.0
971000.0	78.3	7	2	1612.0	1386.0	-
1291819.0	85.0	7	3	1538.0	1415.0	1926.0

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)
150735.0	89.4	17	3	1905.0	1096.0	1640.0
322202.0	60.2	17	1	1594.0	-	-
491657.0	73.0	17	2	1988.0	1545.0	-
663813.0	66.1	17	1	1608.0	-	-
129761.0	97.4	17	3	1490.0	1589.0	1694.0
301235.0	56.3	17	1	1422.0	-	-
470821.0	80.3	17	2	1467.0	1847.0	-
641533.0	77.6	17	2	1963.0	1004.0	-
108969.0	93.4	17	3	1481.0	1003.0	1302.0
279722.0	82.2	17	2	1298.0	1301.0	-
451216.0	50.2	17	1	1154.0	-	-
618585.0	92.6	17	3	1373.0	1844.0	1958.0
87946.0	91.0	17	3	1153.0	1371.0	1646.0
258504.0	82.1	17	2	1857.0	1308.0	-
429180.0	78.4	17	2	1277.0	1486.0	-
600699.0	58.3	17	1	1602.0	-	-
67026.0	74.2	17	2	1961.0	1760.0	-

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)
450256.0	64.9	6	1	1168.0	-	-
772921.0	54.3	6	1	1903.0	-	-
1096526.0	61.9	6	1	1064.0	-	-
87189.0	98.4	6	3	1000.0	1262.0	1607.0
409784.0	69.6	6	2	1474.0	1881.0	-
733595.0	56.3	6	1	1087.0	-	-
1055124.0	68.8	6	2	1724.0	1359.0	-
47492.0	75.0	6	2	1753.0	1562.0	-
370141.0	66.8	6	2	1414.0	1623.0	-

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)
624193.0	54.1	8	1	1406.0	-	-
914211.0	75.8	8	2	1124.0	1170.0	-
6993.0	62.5	8	1	1222.0	-	-
297620.0	51.8	8	1	1682.0	-	-
587222.0	96.6	8	3	1440.0	1001.0	1334.0
876964.0	95.6	8	3	1633.0	1381.0	1281.0
1166961.0	93.1	8	3	1115.0	1263.0	1915.0
261799.0	65.6	8	1	1785.0	-	-
551778.0	81.4	8	2	1966.0	1177.0	-
842227.0	70.5	8	2	1243.0	1652.0	-

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)
1258164.0	81.9	6	2	1982.0	1488.0	-
251265.0	57.7	6	1	1184.0	-	-
573187.0	88.9	6	3	1251.0	1325.0	1314.0
896149.0	68.6	6	2	1110.0	1993.0	-
1218215.0	76.6	6	2	1944.0	1767.0	-
211492.0	60.7	6	1	1032.0	-	-
534540.0	58.1	6	1	1224.0	-	-
857292.0	51.7	6	1	1732.0	-	-
1177922.0	83.9	6	3	1239.0	1136.0	1980.0

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)
110237.0	64.4	12	1	1713.0	-	-
316532.0	94.3	12	3	1685.0	1777.0	1412.0
524324.0	78.1	12	2	1681.0	1418.0	-
731624.0	78.3	12	2	1453.0	1450.0	-
84517.0	72.0	12	2	1976.0	1400.0	-
292274.0	55.5	12	1	1351.0	-	-
500012.0	64.1	12	1	1040.0	-	-
704200.0	86.5	12	3	1444.0	1984.0	1779.0
59107.0	66.3	12	1	1996.0	-	-
265707.0	86.7	12	3	1223.0	1810.0	1530.0
473169.0	69.7	12	2	1816.0	1511.0	-
682030.0	53.9	12	1	1089.0	-	-
33573.0	54.2	12	1	1679.0	-	-
240110.0	91.2	12	3	1700.0	1438.0	1875.0

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)
627799.0	80.5	8	2	1537.0	1076.0	-
919257.0	52.1	8	1	1240.0	-	-
11228.0	54.4	8	1	1765.0	-	-
302013.0	65.0	8	1	1070.0	-	-
591075.0	91.5	8	3	1877.0	1447.0	1216.0
881141.0	85.6	8	3	1227.0	1305.0	1833.0
1174359.0	54.6	8	1	1058.0	-	-
265444.0	99.5	8	3	1586.0	1392.0	1478.0
556114.0	75.3	8	2	1075.0	1845.0	-
847098.0	50.6	8	1	1994.0	-	-

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)
1034216.0	57.9	9	1	1828.0	-	-
209207.0	76.4	9	2	1011.0	1149.0	-
473760.0	66.5	9	1	1016.0	-	-
736847.0	76.1	9	2	1756.0	1101.0	-
998995.0	85.7	9	3	1606.0	1928.0	1214.0
176351.0	85.4	9	3	1159.0	1574.0	1460.0
439607.0	87.6	9	3	1515.0	1707.0	1729.0
705319.0	61.5	9	1	1348.0	-	-
969633.0	54.5	9	1	1279.0	-	-
143708.0	84.9	9	3	1823.0	1977.0	1737.0
408627.0	60.6	9	1	1052.0	-	-

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)
821335.0	72.6	7	2	1270.0	1896.0	-
1144091.0	76.1	7	2	1424.0	1570.0	-
136258.0	97.5	7	3	1157.0	1698.0	1525.0
458730.0	90.5	7	3	1598.0	1120.0	1201.0
780766.0	96.4	7	3	1312.0	1476.0	1792.0
1104455.0	82.5	7	2	1402.0	1463.0	-
96771.0	59.1	7	1	1428.0	-	-
419406.0	76.8	7	2	1111.0	1566.0	-
741988.0	79.0	7	2	1647.0	1289.0	-

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	5492	5679	5621	5299	5717
5	5356	5697	5317	5688	5690
10	5531	5719	5646	5314	5577
15	5472	5528	5599	5423	5686
20	5338	5566	5501	5586	5542
25	5541	5580	5273	5487	5606
30	5383	5390	5600	5307	5655
35	5648	5628	5363	5298	5709
40	5340	5465	5279	5616	5677
45	5561	5538	5650	5342	5663
50	5643	5312	5404	5460	5370
55	5438	5425	5540	5367	5268
60	5665	5453	5272	5683	5691
65	5393	5354	5647	5625	5486
70	5702	5345	5351	5569	5687
75	5705	5389	5471	5278	5388
80	5446	5572	5632	5550	5645
85	5656	5497	5262	5280	5711
90	5515	5434	5350	5421	5288
95	5504	5595	5432	5406	5359

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5272	5443	5557	5460	5462
5	5398	5719	5392	5376	5519
10	5508	5397	5366	5335	5568
15	5599	5631	5547	5712	5597
20	5504	5507	5590	5559	5430
25	5393	5308	5403	5307	5626
30	5495	5340	5605	5277	5505
35	5319	5264	5521	5613	5687
40	5548	5423	5509	5541	5621
45	5708	5395	5550	5518	5363
50	5493	5283	5692	5379	5255
55	5661	5714	5618	5515	5614
60	5339	5652	5596	5682	5457
65	5281	5275	5396	5331	5451
70	5321	5671	5646	5674	5517
75	5259	5323	5644	5589	5606
80	5569	5352	5489	5608	5373
85	5656	5510	5552	5445	5717
90	5549	5316	5362	5438	5343
95	5585	5314	5654	5680	5458

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5430	5682	5493	5621	5440
5	5644	5467	5442	5251	5393
10	5394	5438	5561	5356	5656
15	5259	5592	5429	5605	5573
20	5448	5582	5532	5318	5342
25	5511	5604	5341	5668	5481
30	5297	5345	5526	5325	5458
35	5355	5317	5291	5601	5387
40	5603	5284	5707	5521	5704
45	5351	5340	5395	5694	5414
50	5484	5636	5339	5711	5445
55	5480	5685	5308	5637	5347
60	5285	5378	5545	5667	5551
65	5553	5468	5454	5645	5647
70	5546	5629	5660	5715	5578
75	5336	5425	5669	5566	5363
80	5331	5524	5502	5283	5372
85	5610	5723	5486	5576	5471
90	5552	5398	5569	5391	5293
95	5515	5377	5716	5417	5453

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5685	5446	5429	5307	5524
5	5579	5666	5542	5605	5458
10	5702	5658	5576	5659	5377
15	5269	5378	5265	5637	5621
20	5613	5264	5486	5671	5505
25	5584	5669	5714	5708	5375
30	5710	5370	5254	5560	5678
35	5523	5597	5588	5444	5612
40	5323	5686	5279	5704	5270
45	5501	5312	5252	5404	5271
50	5395	5465	5293	5483	5527
55	5665	5635	5677	5559	5480
60	5473	5679	5276	5363	5328
65	5494	5657	5499	5443	5356
70	5540	5400	5554	5623	5564
75	5515	5652	5706	5696	5355
80	5681	5345	5257	5563	5364
85	5266	5648	5631	5660	5489
90	5456	5531	5570	5300	5520
95	5580	5569	5453	5553	5289

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5465	5685	5365	5468	5269
5	5621	5591	5617	5293	5287
10	5633	5447	5379	5398	5357
15	5408	5368	5585	5338	5524
20	5430	5427	5663	5478	5472
25	5618	5442	5337	5409	5374
30	5259	5686	5678	5452	5343
35	5639	5634	5384	5694	5526
40	5637	5294	5595	5667	5701
45	5674	5481	5395	5310	5457
50	5492	5525	5474	5516	5382
55	5605	5715	5619	5350	5496
60	5530	5609	5638	5624	5583
65	5664	5274	5402	5443	5596
70	5709	5713	5537	5386	5557
75	5599	5523	5387	5297	5299
80	5607	5556	5462	5509	5417
85	5560	5559	5644	5587	5691
90	5280	5410	5304	5390	5340
95	5592	5586	5508	5284	5629

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5720	5546	5301	5532	5586
5	5663	5613	5692	5456	5494
10	5467	5711	5658	5574	5419
15	5445	5535	5471	5630	5530
20	5499	5368	5277	5451	5263
25	5470	5548	5441	5443	5416
30	5643	5418	5604	5638	5303
35	5250	5372	5440	5476	5377
40	5533	5432	5698	5603	5461
45	5478	5510	5379	5401	5650
50	5567	5428	5274	5573	5540
55	5315	5501	5328	5569	5415
60	5490	5695	5392	5632	5541
65	5605	5340	5306	5560	5570
70	5575	5482	5356	5417	5420
75	5280	5384	5718	5673	5480
80	5460	5279	5644	5429	5654
85	5472	5322	5455	5588	5363
90	5491	5600	5701	5563	5618
95	5657	5511	5349	5593	5578

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5403	5310	5712	5693	5331
5	5705	5538	5292	5522	5701
10	5398	5500	5699	5294	5440
15	5436	5662	5574	5675	5722
20	5540	5665	5406	5269	5424
25	5626	5322	5276	5642	5477
30	5458	5609	5600	5633	5378
35	5361	5442	5341	5548	5525
40	5451	5315	5557	5471	5672
45	5695	5435	5344	5561	5329
50	5563	5644	5277	5351	5618
55	5560	5629	5519	5527	5512
60	5472	5392	5493	5514	5413
65	5263	5426	5668	5400	5475
70	5358	5660	5419	5551	5441
75	5325	5537	5261	5636	5679
80	5499	5265	5543	5457	5474
85	5547	5271	5617	5664	5415
90	5703	5408	5320	5369	5428
95	5482	5335	5717	5602	5555

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5658	5549	5648	5379	5369
5	5560	5367	5685	5433	5329
10	5289	5265	5489	5461	5524
15	5314	5677	5720	5439	5451
20	5259	5347	5358	5397	5417
25	5271	5479	5511	5500	5498
30	5557	5373	5530	5656	5484
35	5432	5344	5300	5365	5251
40	5640	5409	5340	5364	5324
45	5644	5387	5616	5531	5628
50	5527	5669	5649	5452	5540
55	5707	5481	5348	5331	5346
60	5521	5556	5554	5714	5684
65	5627	5290	5607	5583	5292
70	5421	5547	5441	5663	5268
75	5430	5400	5672	5609	5717
80	5316	5692	5280	5429	5606
85	5454	5291	5450	5284	5630
90	5466	5476	5485	5375	5462
95	5267	5673	5683	5453	5372

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5438	5313	5584	5540	5393
5	5411	5485	5442	5373	5262
10	5638	5650	5306	5587	5482
15	5612	5441	5683	5668	5631
20	5459	5425	5288	5350	5370
25	5305	5598	5682	5375	5545
30	5639	5484	5514	5491	5304
35	5379	5623	5523	5712	5453
40	5279	5565	5723	5347	5580
45	5311	5671	5252	5445	5572
50	5321	5407	5703	5720	5360
55	5275	5420	5435	5538	5625
60	5317	5553	5348	5501	5483
65	5630	5450	5714	5643	5318
70	5562	5699	5716	5427	5592
75	5406	5359	5641	5680	5277
80	5698	5568	5327	5536	5593
85	5291	5451	5486	5527	5640
90	5476	5498	5724	5426	5381
95	5399	5624	5456	5276	5253

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5693	5552	5520	5701	5710
5	5453	5507	5517	5536	5469
10	5569	5439	5347	5307	5503
15	5700	5471	5311	5713	5445
20	5467	5494	5326	5343	5668
25	5547	5410	5479	5579	5681
30	5373	5706	5456	5674	5287
35	5614	5508	5606	5290	5404
40	5428	5285	5345	5308	5600
45	5284	5335	5406	5625	5586
50	5283	5296	5449	5573	5331
55	5608	5389	5253	5444	5288
60	5682	5513	5446	5315	5463
65	5576	5651	5663	5679	5357
70	5405	5313	5413	5291	5441
75	5382	5318	5325	5420	5437
80	5317	5282	5354	5448	5353
85	5369	5571	5497	5624	5340
90	5484	5433	5506	5565	5293
95	5724	5708	5286	5532	5712

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5376	5316	5456	5387	5455
5	5495	5432	5592	5602	5676
10	5500	5703	5388	5502	5524
15	5691	5598	5414	5283	5637
20	5378	5660	5267	5431	5459
25	5399	5516	5680	5613	5723
30	5359	5331	5446	5705	5397
35	5426	5327	5304	5381	5679
40	5718	5511	5698	5585	5305
45	5264	5418	5464	5678	5473
50	5634	5580	5347	5538	5396
55	5275	5321	5343	5443	5641
60	5259	5336	5488	5622	5289
65	5619	5377	5612	5618	5360
70	5724	5683	5482	5391	5668
75	5358	5277	5445	5466	5597
80	5450	5573	5349	5417	5348
85	5401	5256	5308	5663	5288
90	5425	5270	5444	5505	5490
95	5467	5291	5577	5310	5363

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5631	5555	5392	5548	5297
5	5634	5454	5667	5290	5505
10	5334	5492	5526	5697	5545
15	5304	5250	5517	5328	5354
20	5386	5254	5683	5520	5347
25	5251	5719	5309	5647	5387
30	5723	5288	5661	5382	5692
35	5468	5418	5575	5534	5593
40	5557	5594	5636	5253	5302
45	5361	5501	5522	5256	5263
50	5510	5281	5398	5627	5597
55	5509	5633	5460	5608	5465
60	5368	5433	5687	5565	5675
65	5561	5654	5519	5486	5554
70	5482	5394	5711	5609	5641
75	5374	5560	5513	5480	5345
80	5693	5625	5296	5476	5518
85	5642	5670	5496	5404	5648
90	5686	5424	5716	5617	5666
95	5550	5427	5425	5311	5529

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5411	5319	5328	5709	5517
5	5676	5379	5267	5453	5712
10	5265	5281	5567	5417	5566
15	5392	5377	5620	5276	5546
20	5394	5420	5624	5512	5359
25	5613	5675	5447	5413	5681
30	5429	5612	5720	5304	5631
35	5607	5509	5468	5687	5604
40	5493	5677	5477	5396	5290
45	5602	5584	5483	5309	5625
50	5289	5457	5449	5338	5541
55	5600	5251	5348	5279	5579
60	5594	5533	5378	5286	5513
65	5511	5401	5510	5593	5402
70	5626	5494	5366	5310	5670
75	5323	5588	5655	5622	5610
80	5640	5342	5634	5564	5686
85	5575	5639	5430	5669	5365
90	5360	5502	5438	5433	5320
95	5441	5473	5700	5515	5548

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5666	5558	5264	5298	5359
5	5718	5401	5342	5616	5444
10	5671	5642	5608	5515	5587
15	5480	5504	5626	5321	5263
20	5305	5489	5662	5601	5332
25	5501	5527	5650	5517	5715
30	5471	5598	5677	5519	5308
35	5710	5271	5600	5462	5518
40	5382	5415	5258	5393	5597
45	5582	5667	5541	5362	5640
50	5633	5500	5427	5388	5313
55	5680	5441	5476	5550	5723
60	5698	5323	5690	5339	5554
65	5699	5459	5629	5709	5681
70	5567	5320	5454	5497	5664
75	5670	5708	5700	5306	5683
80	5391	5366	5703	5537	5406
85	5292	5507	5481	5442	5660
90	5525	5605	5375	5315	5458
95	5528	5413	5520	5374	5301

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5446	5322	5675	5459	5579
5	5285	5326	5417	5304	5273
10	5505	5431	5649	5710	5608
15	5471	5534	5254	5366	5455
20	5313	5655	5603	5593	5305
25	5292	5476	5378	5718	5274
30	5610	5487	5634	5259	5557
35	5530	5691	5535	5615	5432
40	5646	5465	5353	5498	5390
45	5526	5562	5275	5599	5318
50	5302	5516	5334	5551	5541
55	5332	5501	5537	5631	5295
60	5521	5280	5388	5365	5522
65	5262	5500	5425	5408	5665
70	5444	5392	5442	5640	5588
75	5639	5369	5681	5558	5647
80	5433	5291	5336	5328	5723
85	5709	5484	5472	5435	5690
90	5383	5611	5409	5672	5441
95	5475	5583	5290	5311	5683

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5604	5561	5611	5620	5421
5	5424	5348	5492	5370	5480
10	5436	5695	5690	5430	5629
15	5559	5661	5357	5411	5647
20	5321	5346	5544	5682	5278
25	5655	5328	5484	5347	5308
30	5652	5376	5591	5474	5709
35	5253	5452	5404	5428	5293
40	5443	5485	5548	5291	5641
45	5387	5358	5542	5560	5371
50	5567	5295	5510	5602	5605
55	5267	5654	5689	5491	5589
60	5395	5409	5553	5310	5354
65	5563	5446	5723	5276	5368
70	5551	5523	5600	5616	5547
75	5608	5473	5512	5662	5335
80	5331	5597	5451	5711	5440
85	5294	5579	5340	5486	5463
90	5678	5283	5617	5457	5453
95	5638	5274	5684	5388	5429

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5384	5325	5547	5306	5641
5	5466	5273	5567	5533	5687
10	5270	5484	5256	5625	5650
15	5647	5313	5460	5359	5364
20	5707	5415	5582	5296	5251
25	5446	5655	5451	5342	5694
30	5362	5548	5592	5483	5591
35	5495	5699	5543	5357	5421
40	5253	5704	5406	5287	5522
45	5441	5618	5424	5454	5646
50	5686	5653	5316	5565	5598
55	5402	5445	5536	5408	5366
60	5538	5340	5255	5661	5389
65	5392	5449	5640	5486	5638
70	5354	5633	5509	5603	5615
75	5506	5480	5496	5643	5587
80	5684	5286	5514	5708	5343
85	5504	5257	5305	5440	5711
90	5401	5448	5623	5380	5339
95	5562	5606	5693	5258	5532

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5639	5564	5483	5467	5508
5	5295	5642	5696	5516	5676
10	5273	5297	5345	5671	5260
15	5440	5563	5404	5653	5715
20	5581	5523	5288	5699	5334
25	5604	5415	5555	5279	5358
30	5251	5505	5332	5635	5271
35	5255	5586	5495	5336	5646
40	5381	5691	5502	5524	5477
45	5719	5522	5387	5704	5405
50	5388	5445	5590	5399	5605
55	5337	5667	5675	5312	5435
60	5650	5352	5579	5318	5530
65	5632	5327	5703	5464	5568
70	5465	5449	5616	5701	5624
75	5364	5551	5450	5577	5705
80	5535	5343	5346	5317	5391
85	5648	5394	5484	5613	5629
90	5599	5623	5339	5724	5507
95	5328	5369	5281	5361	5293

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5419	5328	5628	5703	5550
5	5695	5717	5384	5723	5607
10	5634	5435	5443	5692	5251
15	5567	5569	5449	5370	5650
20	5464	5377	5672	5697	5456
25	5618	5281	5313	5400	5712
30	5462	5547	5409	5566	5297
35	5677	5291	5374	5660	5574
40	5580	5314	5475	5523	5482
45	5637	5530	5606	5398	5563
50	5280	5494	5686	5389	5303
55	5353	5441	5424	5308	5321
60	5670	5422	5613	5381	5473
65	5301	5615	5528	5325	5399
70	5578	5706	5447	5261	5369
75	5605	5519	5564	5721	5517
80	5640	5702	5255	5285	5583
85	5445	5257	5351	5481	5683
90	5323	5263	5705	5423	5581
95	5276	5510	5286	5401	5403

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5577	5567	5355	5314	5545
5	5689	5717	5317	5450	5455
10	5441	5423	5476	5638	5713
15	5339	5597	5672	5397	5562
20	5634	5341	5502	5369	5645
25	5488	5405	5346	5385	5347
30	5442	5601	5419	5287	5561
35	5386	5436	5293	5659	5624
40	5671	5413	5518	5554	5472
45	5452	5365	5690	5695	5583
50	5396	5652	5264	5331	5412
55	5711	5394	5307	5631	5718
60	5657	5353	5360	5662	5254
65	5536	5327	5674	5250	5651
70	5595	5616	5568	5564	5540
75	5383	5290	5381	5415	5586
80	5296	5681	5325	5699	5602
85	5340	5300	5481	5399	5505
90	5714	5468	5263	5266	5279
95	5373	5585	5366	5428	5421

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5357	5428	5291	5378	5290
5	5256	5642	5392	5613	5284
10	5372	5687	5517	5358	5259
15	5427	5724	5300	5442	5279
20	5410	5443	5458	5618	5376
25	5257	5452	5489	5381	5484
30	5490	5405	5335	5584	5575
35	5384	5455	5302	5585	5252
40	5682	5359	5319	5469	5345
45	5298	5278	5636	5283	5528
50	5440	5382	5672	5710	5655
55	5582	5261	5628	5482	5525
60	5607	5561	5362	5370	5497
65	5674	5590	5570	5487	5419
70	5640	5550	5334	5389	5399
75	5342	5637	5501	5558	5567
80	5548	5309	5388	5696	5645
85	5624	5541	5303	5395	5446
90	5450	5656	5437	5633	5269
95	5322	5623	5426	5296	5438

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5612	5667	5702	5539	5607
5	5298	5664	5467	5301	5491
10	5303	5476	5558	5553	5280
15	5515	5376	5403	5487	5471
20	5650	5576	5384	5450	5591
25	5642	5584	5655	5593	5415
30	5623	5333	5620	5404	5617
35	5572	5251	5455	5499	5663
40	5290	5297	5559	5466	5688
45	5325	5381	5714	5592	5548
50	5616	5433	5383	5533	5502
55	5295	5690	5439	5259	5599
60	5611	5552	5393	5316	5698
65	5626	5402	5282	5697	5334
70	5536	5337	5713	5375	5606
75	5524	5604	5322	5534	5451
80	5596	5462	5527	5266	5587
85	5314	5429	5257	5323	5275
90	5356	5505	5438	5313	5493
95	5372	5644	5446	5267	5261

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5392	5431	5638	5700	5352
5	5340	5589	5542	5464	5698
10	5612	5265	5599	5273	5301
15	5506	5503	5532	5663	5561
20	5645	5422	5539	5564	5530
25	5533	5383	5697	5449	5665
30	5365	5290	5360	5261	5602
35	5281	5619	5705	5510	5502
40	5373	5710	5702	5463	5617
45	5305	5297	5435	5280	5317
50	5484	5472	5356	5446	5483
55	5644	5629	5553	5570	5380
60	5594	5322	5586	5262	5521
65	5572	5565	5649	5500	5406
70	5437	5562	5351	5260	5478
75	5272	5626	5577	5432	5320
80	5601	5611	5593	5657	5430
85	5326	5682	5279	5455	5677
90	5488	5378	5293	5547	5330
95	5548	5425	5675	5706	5479

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5647	5670	5574	5386	5669
5	5479	5611	5617	5530	5430
10	5543	5626	5640	5371	5322
15	5594	5630	5512	5480	5380
20	5569	5336	5363	5531	5537
25	5321	5385	5586	5423	5483
30	5707	5254	5722	5575	5413
35	5422	5420	5279	5415	5383
40	5424	5341	5456	5648	5467
45	5557	5449	5285	5547	5355
50	5698	5700	5534	5493	5535
55	5561	5293	5671	5598	5344
60	5372	5444	5394	5545	5539
65	5629	5412	5683	5521	5601
70	5303	5478	5605	5440	5314
75	5327	5694	5447	5289	5318
80	5607	5354	5542	5576	5290
85	5674	5590	5377	5639	5399
90	5622	5409	5450	5275	5653
95	5384	5656	5347	5603	5437

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5330	5434	5510	5547	5414
5	5521	5536	5692	5693	5259
10	5474	5415	5681	5566	5343
15	5682	5660	5615	5525	5572
20	5577	5405	5304	5620	5684
25	5334	5314	5527	5517	5371
30	5715	5679	5662	5559	5370
35	5686	5338	5655	5636	5586
40	5707	5554	5378	5265	5630
45	5316	5276	5587	5410	5669
50	5650	5380	5712	5384	5552
55	5534	5569	5523	5710	5484
60	5461	5713	5251	5448	5470
65	5637	5714	5581	5647	5591
70	5540	5638	5653	5416	5409
75	5588	5509	5555	5357	5454
80	5262	5333	5481	5349	5460
85	5698	5473	5390	5264	5432
90	5668	5658	5421	5435	5286
95	5406	5324	5428	5624	5465

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5585	5673	5446	5708	5256
5	5563	5558	5292	5381	5466
10	5308	5679	5722	5286	5364
15	5295	5312	5718	5570	5386
20	5488	5571	5720	5612	5483
25	5572	5661	5420	5631	5551
30	5413	5604	5636	5433	5436
35	5440	5601	5461	5482	5689
40	5349	5591	5719	5524	5472
45	5685	5623	5713	5374	5329
50	5377	5370	5637	5361	5678
55	5559	5475	5506	5724	5388
60	5555	5400	5526	5293	5672
65	5271	5419	5576	5486	5606
70	5287	5674	5543	5487	5657
75	5288	5432	5569	5665	5613
80	5618	5325	5584	5389	5711
85	5323	5686	5455	5414	5471
90	5671	5508	5396	5298	5314
95	5302	5478	5405	5333	5643

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5365	5437	5382	5394	5476
5	5702	5483	5367	5544	5673
10	5714	5468	5385	5481	5286
15	5439	5346	5615	5578	5496
20	5262	5283	5701	5456	5363
25	5513	5623	5260	5585	5455
30	5493	5593	5648	5588	5638
35	5265	5649	5375	5464	5263
40	5430	5327	5462	5548	5614
45	5603	5321	5432	5264	5540
50	5546	5688	5450	5501	5503
55	5663	5682	5357	5684	5565
60	5471	5600	5618	5472	5368
65	5612	5318	5401	5413	5660
70	5643	5336	5633	5571	5257
75	5552	5650	5550	5538	5678
80	5685	5485	5484	5584	5711
85	5372	5403	5420	5465	5719
90	5491	5402	5710	5671	5314
95	5495	5293	5486	5706	5622

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5620	5676	5318	5458	5269
5	5505	5442	5610	5502	5548
10	5257	5426	5406	5374	5566
15	5449	5563	5295	5504	5331
20	5699	5693	5429	5251	5462
25	5351	5461	5619	5594	5479
30	5550	5388	5362	5404	5265
35	5646	5617	5652	5507	5303
40	5380	5545	5543	5583	5490
45	5338	5529	5416	5722	5264
50	5539	5702	5350	5376	5317
55	5532	5706	5255	5385	5661
60	5648	5528	5293	5368	5485
65	5660	5609	5530	5604	5672
70	5531	5315	5313	5650	5481
75	5304	5614	5579	5335	5498
80	5288	5419	5395	5689	5363
85	5456	5423	5512	5348	5470
90	5715	5403	5589	5275	5554
95	5260	5665	5450	5261	5263

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5303	5440	5254	5619	5538
5	5311	5527	5517	5298	5709
10	5479	5618	5467	5299	5427
15	5462	5693	5455	5608	5487
20	5415	5497	5640	5307	5402
25	5314	5554	5565	5653	5636
30	5368	5507	5506	5514	5278
35	5446	5356	5442	5295	5663
40	5583	5590	5716	5620	5639
45	5375	5563	5584	5451	5391
50	5416	5292	5423	5315	5628
55	5525	5294	5564	5271	5722
60	5698	5677	5420	5361	5686
65	5607	5496	5266	5587	5360
70	5646	5654	5632	5412	5585
75	5489	5573	5317	5364	5512
80	5567	5431	5611	5478	5499
85	5518	5395	5690	5253	5470
90	5643	5509	5528	5511	5338
95	5532	5626	5403	5454	5502

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5558	5679	5665	5305	5380
5	5353	5452	5495	5461	5441
10	5410	5407	5508	5494	5448
15	5550	5723	5653	5423	5566
20	5678	5299	5375	5405	5263
25	5282	5669	5687	5354	5464
30	5721	5288	5476	5585	5447
35	5335	5545	5577	5422	5673
40	5654	5636	5304	5543	5667
45	5509	5444	5681	5643	5599
50	5366	5339	5348	5616	5277
55	5700	5437	5517	5648	5596
60	5403	5668	5512	5553	5319
65	5690	5623	5570	5358	5449
70	5251	5715	5274	5261	5561
75	5445	5507	5493	5722	5436
80	5702	5296	5475	5694	5360
85	5424	5416	5707	5693	5598
90	5544	5458	5535	5497	5365
95	5349	5324	5538	5717	5427

Appendix B – Test Setup Photograph

Refer to “2208RSU008-UT” file.

Appendix C – EUT Photograph

Refer to “2208RSU008-UE” file.

The End