DFS MEASUREMENT REPORT

FCC ID:	Q9DAPIN0514515
Applicant:	Hewlett Packard Enterprise Company
Product:	ACCESS POINT
Model No.:	APIN0514
Trade Mark:	Hewlett Packard Enterprise
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E (Section 15.407)
Type of Device:	Master
Result:	Complies
Received Date:	2024-11-08
Test Date:	2014-11-13 ~ 2024-11-20

Reviewed By: Jame Yuan

Approved By: Robin Wu

The test results relate only to the samples tested.
This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in KDB 905462. Test results reported herein relate only to the item(s) tested.
The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
2407RSU042-U7	V01	Initial Report	2025-02-25	Valid

Note: This report is based on MRT original report (Report No.: 1807TW0111-U9). The product has changed the 5GHz FEM and adjusted the 5GHz shielding cover, no others change, We make “Statistical Performance Check” spot check.

CONTENTS

1. General Information

1.1. Applicant

Hewlett Packard Enterprise Company

6280 America Center Drive, San Jose, CA 95002

1.2. Manufacturer

Hewlett Packard Enterprise Company

6280 America Center Drive, San Jose, CA 95002

1.3. Testing Facility

<table>
<tr><td>☒</td><td colspan="5">Test Site – MRT Suzhou Laboratory</td></tr>
<tr><td></td><td colspan="5">Laboratory Location (Suzhou - Wuzhong)
D8 Building, No.2 Tian’edang Rd., Wuzhong Economic Development Zone, Suzhou, China
Laboratory Location (Suzhou - SIP)
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Laboratory Location (Suzhou - Wujiang)
Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People’s Republic of China</td></tr>
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<tr><td></td><td colspan="3">FCC: 291082, TW3261</td><td colspan="2">ISED: TW3261</td></tr>
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1.4. Product Information

Product Name	ACCESS POINT
Model No.	APIN0514
Serial No.	CNSSLBN05V
Wi-Fi Specification	802.11a/b/g/n/ac/ax
Bluetooth Specification	v4.2 single mode
Zigbee Specification	802.15.4
Antenna Specification	Refer to clause 1.7
Operating Temperature	0 ~ 50°C
Power Type	AC Adapter or POE input
Operating Environment	Indoor Use

1.5. Radio Specification under Test

Frequency Range	802.11a/n-HT20/ac-VHT20/ax-HE20: 5260~5320MHz, 5500~5720MHz 802.11n-HT40/ac-VHT40/ax-HE40: 5270~5310MHz, 5510~5710MHz 802.11ac-VHT80/ax-HE80: 5290MHz, 5530MHz, 5610 MHz, 5690MHz 802.11ac-VHT160/ax-HE160: 5250MHz, 5570MHz
Type of Modulation	802.11a/n/ac: OFDM 802.11ax: OFDMA
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 600Mbps 802.11ac: up to 3466.7Mbps 802.11ax: up to 4804Mbps
Power-on cycle	Requires 94.2 seconds to complete its power-on cycle
Uniform Spreading (For DFS Frequency Band)	For the 5250-5350MHz, 5470-5725 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.

1.6. Working Frequencies

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

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

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

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

802.11ac-VHT80/ax-HE80

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

802.11ac-VHT160/ax-HE160

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

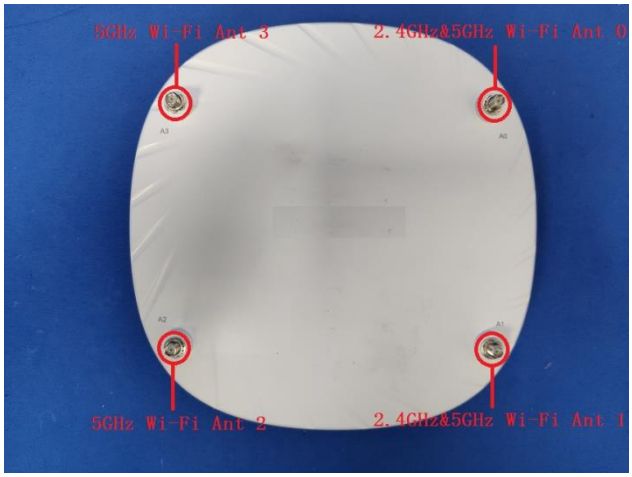
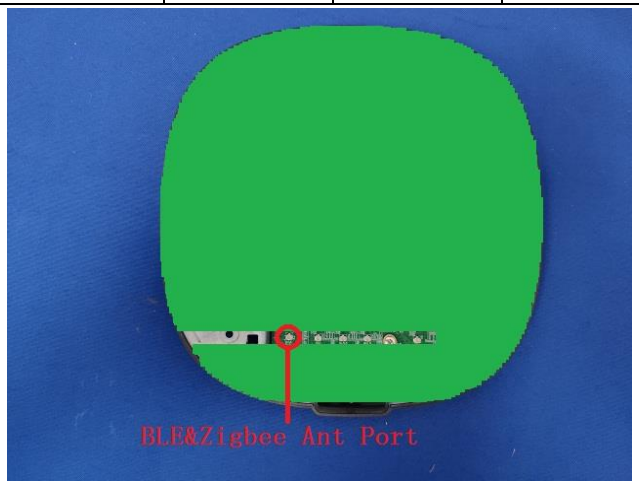
1.7. Description of Available Antennas

Antenna No.	Directionality	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 (Note 4)	Omni	2.4	AP-ANT-20W	**2.0**	3.01	2.0	5.01
		5		**2.0**	6.02	2.0	8.02
6 (Note 3)	Directional	2.4	AP-ANT-45	4.5	0.00	4.5	4.50
		5		5.5	3.01	5.5	8.51
7 (Note 3)	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			

Notes:

1. The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.
   For CDD transmissions, directional gain is calculated as follows, N_{ANT} = 4, N_{SS} = 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, BF Gain was declared by the applicant.
3. Two antennas have Cross-Polarized design, the detail see the antenna specification.

1.8. Description of Antenna RF Port

Antenna RF Port						
--	2.4GHz RF Port		5GHz RF Port			
Software Control Port	Ant 0	Ant 1	Ant 0	Ant 1	Ant 2	Ant 3
						

2. Test Configuration

2.1. Test Mode

Mode 1: Make the EUT communicate with client device at DFS channel.

2.2. Test Channel

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

2.3. Applied Standards

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

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

2.4. Test Environment Condition

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

3. DFS Detection Thresholds and Radar Test Waveforms

3.1. Applicability

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

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

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

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

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

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

3.2. DFS Devices Requirements

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

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

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

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

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

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

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

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

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

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

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

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

These detection thresholds are listed in the following table.

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

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

3.4. Parameters of DFS Test Signals

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

Short Pulse Radar Test Waveforms

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

Table 3-5: Parameters for Short Pulse Radar Waveforms

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

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

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

Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

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

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

3.5. Conducted Test Setup

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

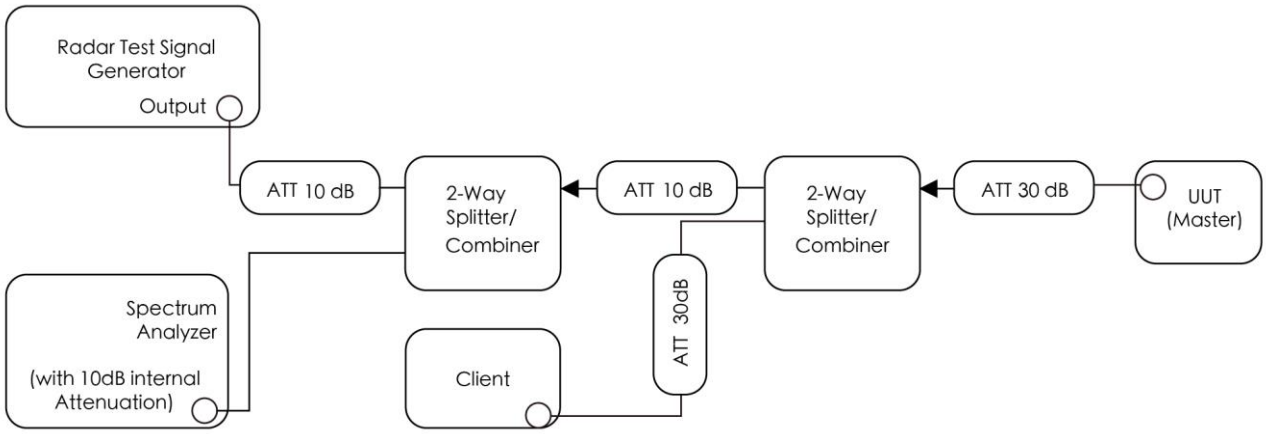


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

4. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Signal Analyzer	Agilent	N9020A	MRTSUE06106	1 year	2025-02-03	WJ-SR7
MXG Vector Signal Generator	Keysight	N5186A	MRTSUE07259	1 year	2025-11-12	WJ-SR7
Thermohygrometer	testo	608-H1	MRTSUE11337	1 year	2025-06-24	WJ-SR7
Shielding Room	TDK	WJ-SR7	MRTSUE07129	N/A	N/A	WJ-SR7

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wi-Fi Module	Intel	BE200NGW	FCC ID: PD9BE200NG

Software	Version	Manufacturer	Function
DFS Tool	V 6.9.2	Agilent	DFS Test Software
Signal Studio	V2.4.0.0	Keysight	DFS Test Software

5. Test Result

5.1. Summary

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

5.2. Radar Waveform Calibration Measurement

5.2.1. Calibration Setup

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

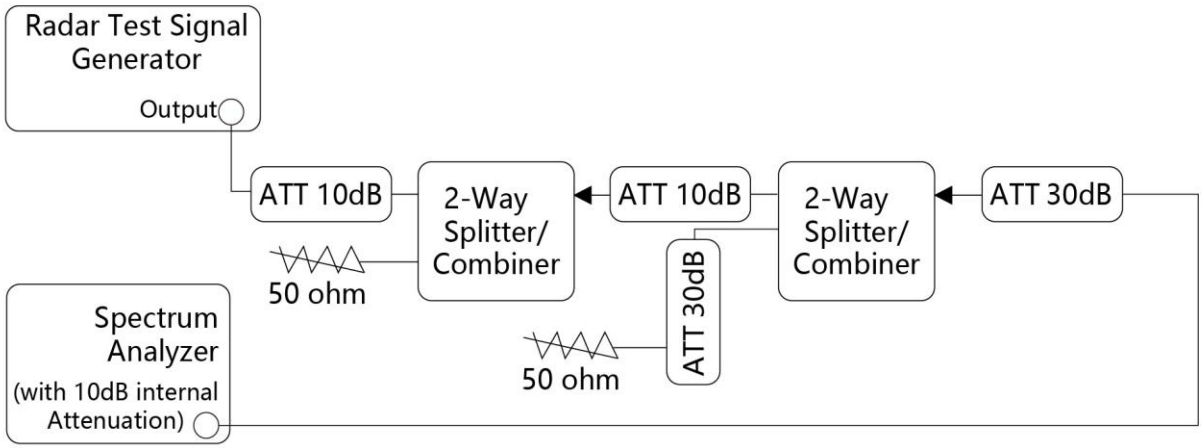


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

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

5.2.3. Calibration & Channel Loading Result

Refer to Appendix A.1&A.2.

5.3. NII Detection Bandwidth Measurement

5.3.1. Test Limit

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

5.3.2. Test Procedure

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

EUT does not comply with DFS requirements.

5.3.3. Test Result

Refer to original report no. 1807TW0111-U9 clause 5.3.3

5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

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

5.4.2. Test Procedure

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

5.4.3. Test Result

Refer to original report no. 1807TW0111-U9 clause 5.4.3

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

5.5.1. Test Limit

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

5.5.2. Test Procedure

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

5.5.3. Test Result

Refer to original report no. 1807TW0111-U9 clause 5.5.3

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

5.6.1. Test Limit

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

5.6.2. Test Procedure

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

5.6.3. Test Result

Refer to original report no. 1807TW0111-U9 clause 5.6.3

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

5.7.1. Test Limit

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

5.7.2. Test Procedure

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

5.7.3. Test Result

Refer to original report no. 1807TW0111-U9 clause 5.7.3

5.8. Statistical Performance Check Measurement

5.8.1. Test Limit

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

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

5.8.2. Test Procedure

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

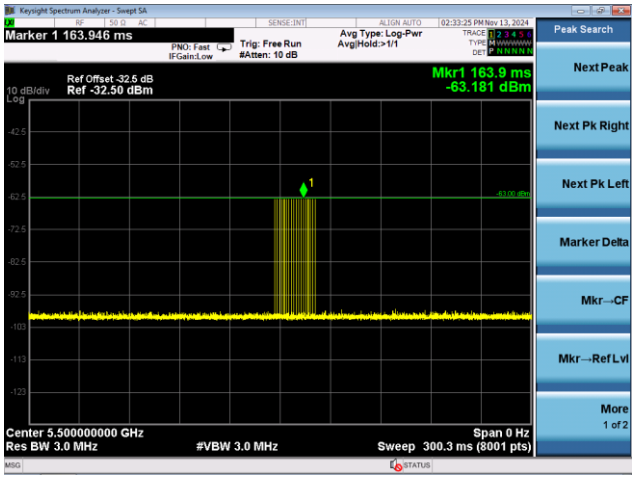
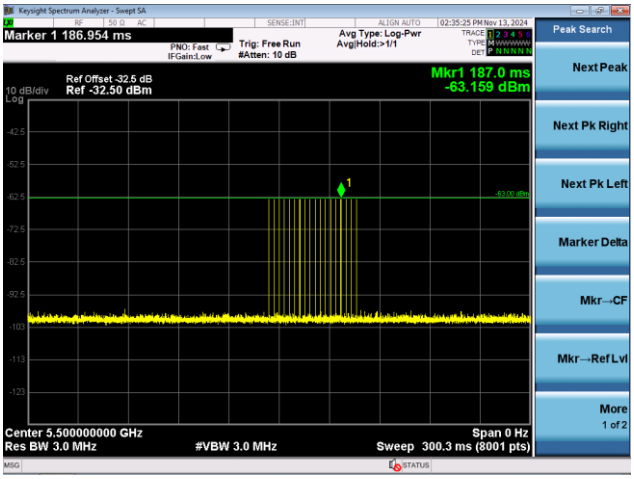
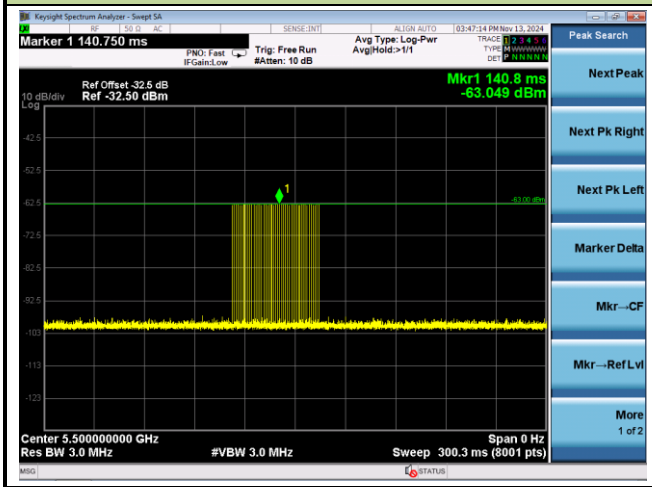
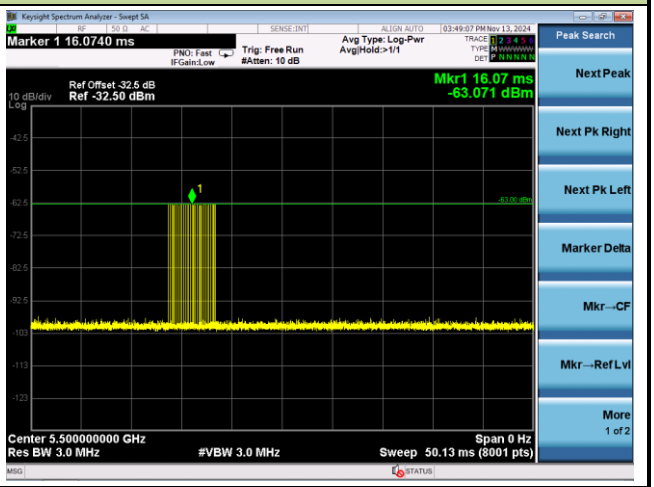
5.8.3. Test Result

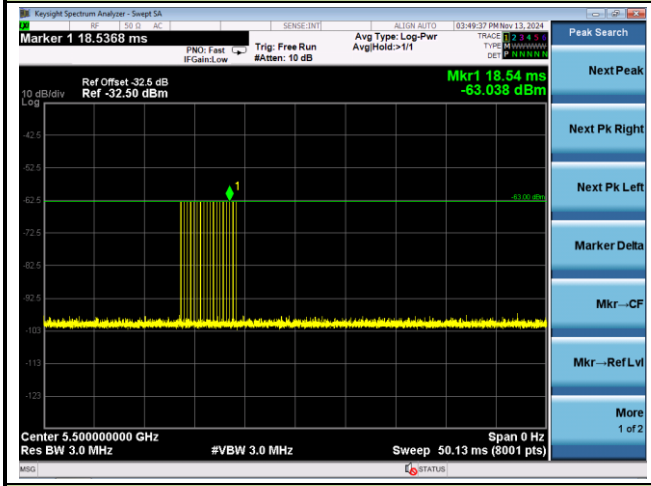
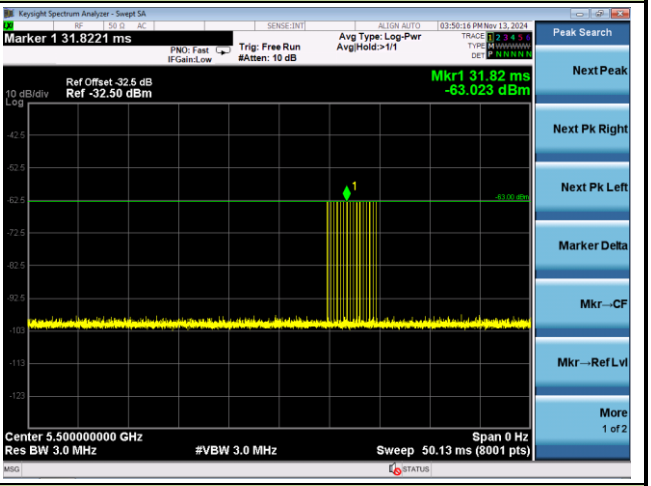
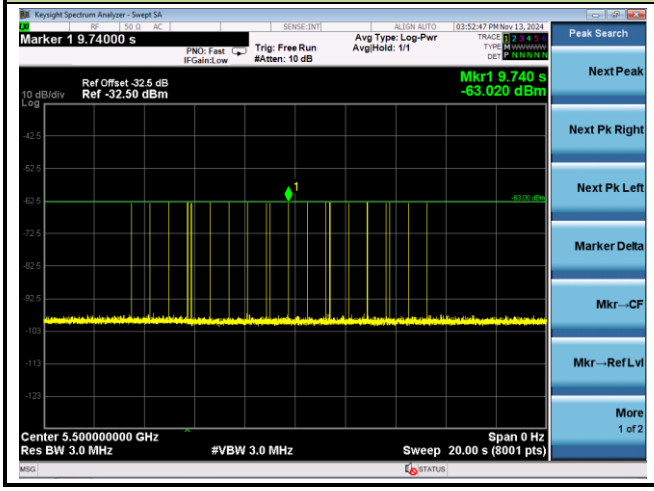
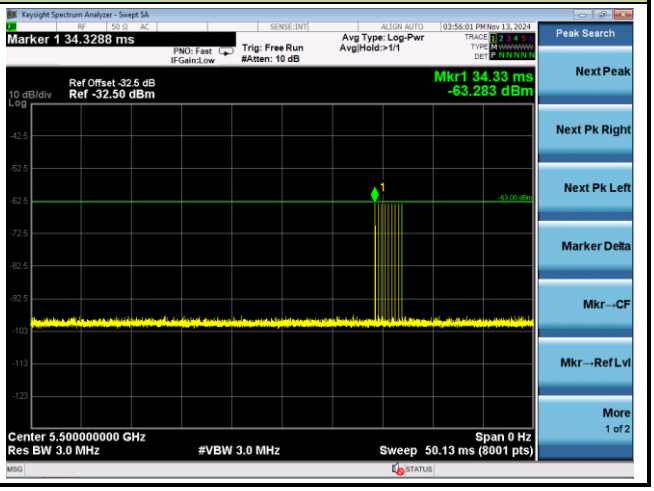
Refer to Appendix A.3.

Appendix A – Test Result

A.1 Calibration Test Result

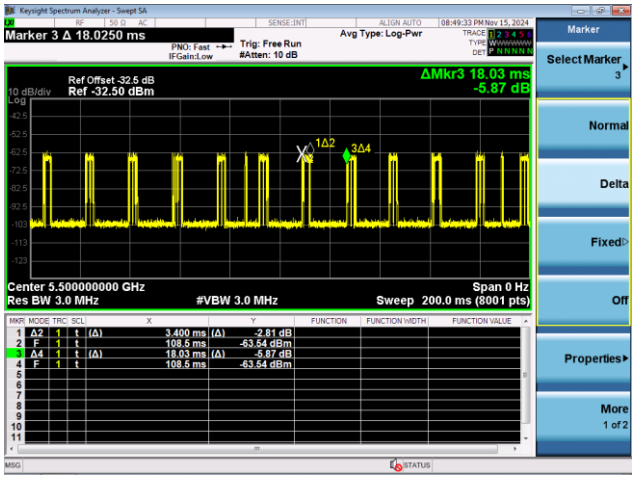
Product	ACCESS POINT	Test Engineer	Jake Lan
Test Site	WJ-SR7	Test Date	2024-11-13
Test Item	Radar Waveform Calibration		

Radar #0	Radar #1 (Test A) PRI = 3.066ms and the number of pulses = 18
	
Radar #1 (Test B) PRI = 1.177ms and the number of pulses = 45	**Radar #2**
	

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

A.2 Channel Loading Test Result

Product	ACCESS POINT	Test Engineer	Jake Lan
Test Site	WJ-SR7	Test Date	2024-11-15
Test Item	Channel Loading		

802.11ax-HE20 (5500MHz)	
	

Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	18.86%	≥ 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 Statistical Performance Check

Test Site	WJ-SR7	Test Engineer	Jake Lan
Test Date	2024-11-20		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 – 5500MHz)		

Radar Type 1-4 - Radar Statistical Performance								
Trial	Radar Type 1		Radar Type 2		Radar Type 3		Radar Type 4	
	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect	Frequency (MHz)	1=detect 0=no detect
0	5492.6	1	5492.6	1	5494	1	5492.9	1
1	5500	1	5500	1	5490.9	1	5502.8	1
2	5497.6	1	5499.8	1	5500	1	5500	1
3	5506.3	1	5504.1	1	5492.9	1	5508.8	1
4	5491.8	1	5491.8	1	5504.7	1	5506.9	1
5	5500	1	5506.9	1	5490.4	1	5509.6	0
6	5506.9	1	5498.5	1	5507.8	1	5490.4	1
7	5495.5	1	5508.3	1	5504.1	1	5499.8	1
8	5508.8	0	5503.3	1	5493.8	1	5506.3	1
9	5508.3	0	5492.9	1	5506.9	1	5492.6	1
10	5490.4	0	5508.8	1	5492.6	1	5504.1	1
11	5509.6	0	5507.2	1	5509.6	1	5501.2	1
12	5507.2	1	5491.5	1	5506.3	1	5490.9	0
13	5492.9	1	5504.7	1	5507.2	1	5507.2	1
14	5494	1	5500	1	5495.5	1	5493.2	1
15	5501.2	1	5490.4	1	5500	1	5495.5	1
16	5490.9	0	5506.3	1	5499.8	1	5491.8	0
17	5498.5	1	5497.6	1	5493.2	1	5508.3	1
18	5496.3	1	5509.6	0	5508.3	1	5500	1
19	5504.7	1	5501.2	1	5491.5	1	5493.8	1
20	5493.2	1	5493.2	1	5503.3	1	5503.3	1
21	5502.8	0	5505.2	1	5501.2	1	5491.5	1
22	5491.5	1	5495.5	1	5508.8	1	5505.2	1
23	5504.1	1	5493.8	1	5505.8	1	5504.7	1
24	5499.8	1	5507.8	1	5496.3	1	5496.3	1
25	5493.8	1	5490.9	1	5505.2	1	5498.5	1
26	5505.2	1	5502.8	1	5497.6	1	5507.8	0
27	5507.8	1	5496.3	1	5491.8	1	5497.6	0

28	5503.3	1	5505.8	1	5502.8	1	5505.8	1
29	5505.8	1	5494	1	5498.5	1	5494	1
Probability:	80.0%		96.7%		100.0%		83.3%	
Aggregate:	**90.0% (>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	598.0	89	53222.0
Download	1	Type 1	1.0	618.0	86	53148.0
Download	2	Type 1	1.0	858.0	62	53196.0
Download	3	Type 1	1.0	678.0	78	52884.0
Download	4	Type 1	1.0	758.0	70	53060.0
Download	5	Type 1	1.0	798.0	67	53466.0
Download	6	Type 1	1.0	558.0	95	53010.0
Download	7	Type 1	1.0	578.0	92	53176.0
Download	8	Type 1	1.0	698.0	76	53048.0
Download	9	Type 1	1.0	518.0	102	52836.0
Download	10	Type 1	1.0	898.0	59	52982.0
Download	11	Type 1	1.0	538.0	99	53262.0
Download	12	Type 1	1.0	738.0	72	53136.0
Download	13	Type 1	1.0	938.0	57	53466.0
Download	14	Type 1	1.0	918.0	58	53244.0
Download	15	Type 1	1.0	2084.0	26	54184.0
Download	16	Type 1	1.0	2484.0	22	54648.0
Download	17	Type 1	1.0	2619.0	21	54999.0
Download	18	Type 1	1.0	771.0	69	53199.0
Download	19	Type 1	1.0	908.0	59	53572.0
Download	20	Type 1	1.0	2155.0	25	53875.0
Download	21	Type 1	1.0	2644.0	20	52880.0
Download	22	Type 1	1.0	2284.0	24	54816.0
Download	23	Type 1	1.0	2047.0	26	53222.0
Download	24	Type 1	1.0	3047.0	18	54846.0
Download	25	Type 1	1.0	890.0	60	53400.0
Download	26	Type 1	1.0	1689.0	32	54048.0
Download	27	Type 1	1.0	1055.0	51	53805.0
Download	28	Type 1	1.0	1771.0	30	53130.0
Download	29	Type 1	1.0	1579.0	34	53686.0

Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 2	4.8	151.0	29	4379.0
Download	1	Type 2	4.8	219.0	29	6351.0
Download	2	Type 2	1.3	186.0	23	4278.0
Download	3	Type 2	1.2	222.0	23	5106.0
Download	4	Type 2	1.7	228.0	24	5472.0
Download	5	Type 2	4.7	207.0	29	6003.0
Download	6	Type 2	3.3	169.0	26	4394.0
Download	7	Type 2	3.3	201.0	26	5226.0
Download	8	Type 2	3.5	205.0	27	5535.0
Download	9	Type 2	1.6	203.0	24	4872.0
Download	10	Type 2	1.4	187.0	23	4301.0
Download	11	Type 2	3.4	193.0	27	5211.0
Download	12	Type 2	2.8	173.0	26	4498.0
Download	13	Type 2	4.8	176.0	29	5104.0
Download	14	Type 2	3.2	224.0	26	5824.0
Download	15	Type 2	3.7	156.0	27	4212.0
Download	16	Type 2	3.7	179.0	27	4833.0
Download	17	Type 2	4.9	152.0	29	4408.0
Download	18	Type 2	4.0	164.0	28	4592.0
Download	19	Type 2	2.7	202.0	25	5050.0
Download	20	Type 2	4.9	154.0	29	4466.0
Download	21	Type 2	2.9	211.0	26	5486.0
Download	22	Type 2	3.4	174.0	27	4698.0
Download	23	Type 2	3.0	226.0	26	5876.0
Download	24	Type 2	5.0	175.0	29	5075.0
Download	25	Type 2	3.6	160.0	27	4320.0
Download	26	Type 2	3.1	225.0	26	5850.0
Download	27	Type 2	1.6	178.0	24	4272.0
Download	28	Type 2	1.0	189.0	23	4347.0
Download	29	Type 2	1.9	188.0	24	4512.0

Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 3	9.8	391.0	18	7038.0
Download	1	Type 3	9.8	483.0	18	8694.0
Download	2	Type 3	6.3	336.0	16	5376.0
Download	3	Type 3	6.2	230.0	16	3680.0
Download	4	Type 3	6.7	389.0	16	6224.0
Download	5	Type 3	9.7	266.0	18	4788.0
Download	6	Type 3	8.3	284.0	17	4828.0
Download	7	Type 3	8.3	327.0	17	5559.0
Download	8	Type 3	8.5	467.0	17	7939.0
Download	9	Type 3	6.6	309.0	16	4944.0
Download	10	Type 3	6.4	364.0	16	5824.0
Download	11	Type 3	8.4	445.0	17	7565.0
Download	12	Type 3	7.8	270.0	17	4590.0
Download	13	Type 3	9.8	220.0	18	3960.0
Download	14	Type 3	8.2	287.0	17	4879.0
Download	15	Type 3	8.7	222.0	18	3996.0
Download	16	Type 3	8.7	486.0	18	8748.0
Download	17	Type 3	9.9	204.0	18	3672.0
Download	18	Type 3	9.0	480.0	18	8640.0
Download	19	Type 3	7.7	200.0	17	3400.0
Download	20	Type 3	9.9	343.0	18	6174.0
Download	21	Type 3	7.9	494.0	17	8398.0
Download	22	Type 3	8.4	289.0	17	4913.0
Download	23	Type 3	8.0	277.0	17	4709.0
Download	24	Type 3	10.0	500.0	18	9000.0
Download	25	Type 3	8.6	376.0	17	6392.0
Download	26	Type 3	8.1	435.0	17	7395.0
Download	27	Type 3	6.6	434.0	16	6944.0
Download	28	Type 3	6.0	311.0	16	4976.0
Download	29	Type 3	6.9	490.0	16	7840.0

Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform Length (us)
Download	0	Type 4	19.5	391.0	16	6256.0
Download	1	Type 4	19.5	483.0	16	7728.0
Download	2	Type 4	11.8	336.0	12	4032.0
Download	3	Type 4	11.6	230.0	12	2760.0
Download	4	Type 4	12.5	389.0	12	4668.0
Download	5	Type 4	19.3	266.0	16	4256.0
Download	6	Type 4	16.1	284.0	14	3976.0
Download	7	Type 4	16.1	327.0	14	4578.0
Download	8	Type 4	16.5	467.0	15	7005.0
Download	9	Type 4	12.4	309.0	12	3708.0
Download	10	Type 4	11.9	364.0	12	4368.0
Download	11	Type 4	16.5	445.0	15	6675.0
Download	12	Type 4	15.0	270.0	14	3780.0
Download	13	Type 4	19.6	220.0	16	3520.0
Download	14	Type 4	15.9	287.0	14	4018.0
Download	15	Type 4	17.1	222.0	15	3330.0
Download	16	Type 4	17.1	486.0	15	7290.0
Download	17	Type 4	19.6	204.0	16	3264.0
Download	18	Type 4	17.6	480.0	15	7200.0
Download	19	Type 4	14.8	200.0	14	2800.0
Download	20	Type 4	19.8	343.0	16	5488.0
Download	21	Type 4	15.3	494.0	14	6916.0
Download	22	Type 4	16.4	289.0	15	4335.0
Download	23	Type 4	15.6	277.0	14	3878.0
Download	24	Type 4	20.0	500.0	16	8000.0
Download	25	Type 4	16.9	376.0	15	5640.0
Download	26	Type 4	15.7	435.0	14	6090.0
Download	27	Type 4	12.4	434.0	12	5208.0
Download	28	Type 4	11.2	311.0	12	3732.0
Download	29	Type 4	13.0	490.0	13	6370.0

Radar Type 5 - Radar Statistical Performance					
Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5500	1	15	5496.4	1
1	5500	1	16	5496.4	1
2	5500	1	17	5498.4	1
3	5500	1	18	5496.8	1
4	5500	1	19	5494.8	1
5	5500	1	20	5501.6	1
6	5500	1	21	5504.8	1
7	5500	1	22	5504	1
8	5500	1	23	5504.4	0
9	5500	1	24	5501.6	1
10	5492.8	1	25	5503.6	0
11	5496	1	26	5504.4	0
12	5495.2	1	27	5506.8	0
13	5498.4	1	28	5507.6	0
14	5495.6	1	29	5506.4	0
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)
106987.0	96.9	19	3	1181.0	1909.0	1948.0
251626.0	96.9	19	3	1024.0	1507.0	1696.0
397986.0	54.7	19	1	1420.0	-	-
543256.0	53.4	19	1	1315.0	-	-
89756.0	58.7	19	1	1415.0	-	-
233778.0	96.2	19	3	1351.0	1574.0	1429.0
379368.0	78.1	19	2	1242.0	1337.0	-
523645.0	78.1	19	2	1958.0	1323.0	-
71667.0	80.7	19	2	1248.0	1884.0	-
216956.0	58.1	19	1	1672.0	-	-
361886.0	54.9	19	1	1974.0	-	-
505846.0	80.3	19	2	1368.0	1881.0	-
53894.0	72.3	19	2	1142.0	1349.0	-
198419.0	97.6	19	3	1097.0	1045.0	1520.0
343295.0	77.3	19	2	1628.0	1607.0	-
487732.0	83.9	19	3	1136.0	1435.0	1028.0
35943.0	83.7	19	3	1054.0	1836.0	1280.0
180423.0	97.8	19	3	1630.0	1343.0	1287.0
325453.0	86.6	19	3	1236.0	1008.0	1018.0
470392.0	70.9	19	2	1865.0	1129.0	-

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)
18144.0	98.4	20	3	1020.0	1178.0	1907.0
162835.0	74.1	20	2	1885.0	1608.0	-
307570.0	80.0	20	2	1660.0	1710.0	-
452046.0	75.5	20	2	1823.0	1844.0	-
343.0	99.6	20	3	1421.0	1214.0	1302.0
144984.0	82.5	20	2	1767.0	1852.0	-
289977.0	75.9	20	2	1180.0	1715.0	-
436045.0	57.7	20	1	1176.0	-	-
580679.0	51.1	20	1	1794.0	-	-
127666.0	61.1	20	1	1279.0	-	-
272105.0	80.6	20	2	1169.0	1799.0	-
416119.0	91.0	20	3	1375.0	1661.0	1057.0
563246.0	58.4	20	1	1328.0	-	-
109537.0	76.4	20	2	1444.0	1158.0	-
253404.0	95.5	20	3	1597.0	1436.0	1966.0
400150.0	64.1	20	1	1350.0	-	-
545415.0	54.7	20	1	1269.0	-	-
91397.0	85.3	20	3	1266.0	1329.0	1921.0
236034.0	88.9	20	3	1140.0	1637.0	1200.0
382054.0	62.7	20	1	1681.0	-	-

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)
1173125.0	63.3	6	1	1867.0	-	-
164634.0	60.9	6	1	1439.0	-	-
486177.0	94.0	6	3	1888.0	1622.0	1980.0
810103.0	81.7	6	2	1116.0	1282.0	-
1133948.0	58.5	6	1	1163.0	-	-
124718.0	82.0	6	2	1313.0	1469.0	-
447295.0	66.8	6	2	1563.0	1586.0	-
770594.0	58.2	6	1	1962.0	-	-
1093893.0	52.2	6	1	1476.0	-	-

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)
95579.0	74.5	6	2	1805.0	1499.0	-
458557.0	78.2	6	2	1828.0	1533.0	-
821138.0	85.0	6	3	1226.0	1408.0	1457.0
1183892.0	94.1	6	3	1117.0	1286.0	1754.0
50821.0	88.8	6	3	1523.0	1514.0	1575.0
414350.0	54.1	6	1	1541.0	-	-
776868.0	72.8	6	2	1774.0	1510.0	-
1139773.0	66.9	6	2	1853.0	1557.0	-

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)
4921.0	79.3	7	2	1613.0	1489.0	-
295715.0	53.9	7	1	1039.0	-	-
585641.0	76.2	7	2	1332.0	1465.0	-
875736.0	70.2	7	2	1162.0	1997.0	-
1166501.0	70.3	7	2	1276.0	1376.0	-
259355.0	76.9	7	2	1750.0	1789.0	-
549786.0	69.5	7	2	1685.0	1306.0	-
840091.0	77.5	7	2	1106.0	1896.0	-
1131525.0	64.0	7	1	1811.0	-	-
223576.0	71.8	7	2	1742.0	1986.0	-

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)
269262.0	96.0	19	3	1878.0	1641.0	1031.0
423262.0	52.0	19	1	1684.0	-	-
576196.0	63.2	19	1	1505.0	-	-
98651.0	79.2	19	2	1947.0	1364.0	-
250085.0	98.4	19	3	1761.0	1904.0	2000.0
404436.0	58.8	19	1	1697.0	-	-
556014.0	73.9	19	2	1053.0	1988.0	-
80092.0	57.6	19	1	1658.0	-	-
231714.0	87.5	19	3	1316.0	1713.0	1749.0
385204.0	80.1	19	2	1068.0	1307.0	-
536162.0	98.4	19	3	1810.0	1203.0	1285.0
61139.0	67.0	19	2	1709.0	1330.0	-
213490.0	67.6	19	2	1603.0	1701.0	-
366818.0	65.7	19	1	1670.0	-	-
518219.0	67.7	19	2	1398.0	1934.0	-
42433.0	55.4	19	1	1985.0	-	-
194580.0	76.6	19	2	1779.0	1977.0	-
346849.0	83.0	19	2	1918.0	1835.0	-
498734.0	95.7	19	3	1058.0	1536.0	1640.0

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)
29855.0	97.0	13	3	1354.0	1656.0	1346.0
223166.0	69.6	13	2	1277.0	1857.0	-
416009.0	72.2	13	2	1989.0	1952.0	-
609687.0	72.7	13	2	1650.0	1496.0	-
6079.0	97.3	13	3	1927.0	1932.0	1321.0
199364.0	75.4	13	2	1691.0	1428.0	-
392686.0	81.4	13	2	1665.0	1344.0	-
587087.0	62.6	13	1	1506.0	-	-
778922.0	92.5	13	3	1320.0	1042.0	1011.0
175370.0	93.0	13	3	1283.0	1511.0	1177.0
367963.0	84.0	13	3	1362.0	1969.0	1653.0
562252.0	74.5	13	2	1717.0	1179.0	-
756725.0	54.2	13	1	1683.0	-	-
151569.0	94.5	13	3	1596.0	1051.0	1427.0
345679.0	60.1	13	1	1598.0	-	-

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)
538294.0	70.8	13	2	1751.0	1360.0	-
733411.0	56.1	13	1	1100.0	-	-
127775.0	89.1	13	3	1480.0	1336.0	1361.0
320779.0	95.4	13	3	1043.0	1312.0	1842.0
514543.0	79.8	13	2	1959.0	1066.0	-
707338.0	76.2	13	2	1643.0	1941.0	-
104138.0	70.1	13	2	1910.0	1213.0	-
297525.0	81.2	13	2	1544.0	1259.0	-
490186.0	66.7	13	2	1955.0	1960.0	-
682380.0	92.7	13	3	1859.0	1512.0	1571.0
80341.0	68.6	13	2	1085.0	1946.0	-
274117.0	62.2	13	1	1614.0	-	-
466527.0	86.4	13	3	1170.0	1161.0	1374.0
661641.0	60.5	13	1	1305.0	-	-
56651.0	52.5	13	1	1357.0	-	-

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)
250297.0	64.9	14	1	1515.0	-	-
443992.0	50.3	14	1	1449.0	-	-
635380.0	86.5	14	3	1175.0	1818.0	1319.0
32730.0	81.9	14	2	1278.0	1594.0	-
225994.0	67.1	14	2	1877.0	1222.0	-
420048.0	52.2	14	1	1617.0	-	-
612827.0	73.8	14	2	1013.0	1714.0	-
8913.0	79.4	14	2	1396.0	1745.0	-
202473.0	66.0	14	1	1970.0	-	-
396178.0	53.7	14	1	1655.0	-	-
589268.0	66.9	14	2	1074.0	1303.0	-
780328.0	96.2	14	3	1518.0	1764.0	1529.0
178530.0	81.4	14	2	1352.0	1077.0	-
372448.0	64.6	14	1	1395.0	-	-
565996.0	53.4	14	1	1591.0	-	-

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)
1140262.0	55.6	7	1	1537.0	-	-
231937.0	94.2	7	3	1584.0	1648.0	1017.0
522571.0	72.5	7	2	1369.0	1443.0	-
813554.0	57.4	7	1	1889.0	-	-
1100942.0	94.9	7	3	1682.0	1687.0	1984.0
196659.0	61.5	7	1	1543.0	-	-
487154.0	66.4	7	1	1956.0	-	-
777194.0	81.3	7	2	1561.0	1202.0	-
1068927.0	53.1	7	1	1232.0	-	-
160703.0	69.5	7	2	1471.0	1209.0	-

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)
501511.0	76.8	6	2	1107.0	1079.0	-
822544.0	88.4	6	3	1659.0	1905.0	1547.0
1147419.0	55.4	6	1	1933.0	-	-
138818.0	80.0	6	2	1413.0	1542.0	-
461574.0	78.7	6	2	1220.0	1454.0	-
785021.0	63.1	6	1	1452.0	-	-
1104638.0	95.1	6	3	1945.0	1925.0	1677.0
99193.0	52.1	6	1	1348.0	-	-
421589.0	90.0	6	3	1130.0	1197.0	1081.0

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)
445744.0	78.1	14	2	1975.0	1389.0	-
637680.0	83.7	14	3	1680.0	1817.0	1456.0
35486.0	88.0	14	3	1327.0	1120.0	1827.0
228884.0	72.3	14	2	1562.0	1288.0	-
422207.0	77.4	14	2	1688.0	1182.0	-
616571.0	57.9	14	1	1530.0	-	-
11725.0	97.1	14	3	1101.0	1339.0	1154.0
204927.0	76.8	14	2	1922.0	1481.0	-
398438.0	73.0	14	2	1488.0	1292.0	-
590725.0	91.6	14	3	1137.0	1102.0	1976.0
786881.0	62.8	14	1	1012.0	-	-
181288.0	80.0	14	2	1675.0	1030.0	-
374059.0	88.8	14	3	1578.0	1183.0	1219.0
569071.0	66.6	14	1	1239.0	-	-
762823.0	63.2	14	1	1210.0	-	-

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)
181486.0	87.1	12	3	1215.0	1848.0	1118.0
404795.0	74.4	12	2	1274.0	1890.0	-
626469.0	89.8	12	3	1991.0	1419.0	1855.0
851384.0	78.9	12	2	1649.0	1111.0	-
154445.0	65.6	12	1	1731.0	-	-
376843.0	91.1	12	3	1401.0	1414.0	1494.0
599444.0	98.5	12	3	1903.0	1720.0	1037.0
823353.0	69.0	12	2	1473.0	1887.0	-
126720.0	83.3	12	2	1405.0	1785.0	-
350287.0	62.4	12	1	1965.0	-	-
571818.0	90.3	12	3	1758.0	1234.0	1972.0
797208.0	63.8	12	1	1822.0	-	-
99248.0	68.3	12	2	1635.0	1475.0	-

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)
208629.0	99.4	20	3	1174.0	1943.0	1502.0
353123.0	87.4	20	3	1164.0	1402.0	1893.0
497199.0	90.6	20	3	1082.0	1841.0	1968.0
46572.0	71.9	20	2	1744.0	1233.0	-
190922.0	94.0	20	3	1564.0	1668.0	1141.0
335353.0	91.5	20	3	1462.0	1847.0	1112.0
479530.0	86.5	20	3	1171.0	1771.0	1813.0
28720.0	69.8	20	2	1526.0	1801.0	-
173459.0	67.6	20	2	1647.0	1587.0	-
318349.0	71.8	20	2	1834.0	1108.0	-
462047.0	95.1	20	3	1740.0	1461.0	1168.0
10861.0	99.5	20	3	1487.0	1940.0	1762.0
155282.0	97.9	20	3	1422.0	1572.0	1579.0
299797.0	84.7	20	3	1143.0	1851.0	1370.0
443874.0	93.4	20	3	1944.0	1722.0	1212.0
589107.0	89.8	20	3	1254.0	1590.0	1126.0
137751.0	90.4	20	3	1166.0	1062.0	1230.0
281655.0	89.5	20	3	1503.0	1693.0	1902.0
427070.0	88.1	20	3	1088.0	1172.0	1256.0
572105.0	71.8	20	2	1298.0	1833.0	-

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)
159945.0	92.3	13	3	1152.0	1766.0	1500.0
352546.0	93.0	13	3	1987.0	1482.0	1743.0
547852.0	54.2	13	1	1504.0	-	-
739935.0	73.4	13	2	1738.0	1464.0	-
136600.0	66.1	13	1	1951.0	-	-
329220.0	86.6	13	3	1388.0	1207.0	1609.0
521938.0	99.0	13	3	1002.0	1678.0	1963.0
715753.0	79.6	13	2	1906.0	1718.0	-
112873.0	64.7	13	1	1139.0	-	-
306444.0	54.6	13	1	1604.0	-	-
500124.0	59.9	13	1	1535.0	-	-
691062.0	87.2	13	3	1772.0	1719.0	1167.0
88643.0	94.2	13	3	1551.0	1007.0	1858.0
281936.0	78.8	13	2	1899.0	1560.0	-
475289.0	77.4	13	2	1625.0	1554.0	-

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)
624609.0	85.7	15	3	1786.0	1928.0	1829.0
61005.0	50.9	15	1	1875.0	–	–
241855.0	91.0	15	3	1123.0	1153.0	1432.0
422399.0	86.1	15	3	1924.0	1071.0	1516.0
603150.0	97.3	15	3	1453.0	1753.0	1371.0
38624.0	80.1	15	2	1455.0	1036.0	–
219517.0	93.5	15	3	1466.0	1384.0	1003.0
400990.0	69.4	15	2	1294.0	1612.0	–
583334.0	52.6	15	1	1430.0	–	–
16264.0	94.8	15	3	1044.0	1595.0	1133.0
197422.0	79.4	15	2	1407.0	1707.0	–
378341.0	67.8	15	2	1820.0	1737.0	–
560984.0	56.3	15	1	1412.0	–	–
742207.0	55.1	15	1	1748.0	–	–
175110.0	79.3	15	2	1730.0	1381.0	–
355086.0	93.0	15	3	1930.0	1757.0	1874.0

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)
536913.0	72.9	15	2	1802.0	1983.0	–
720197.0	52.2	15	1	1391.0	–	–
152430.0	92.1	15	3	1459.0	1588.0	1860.0
333634.0	76.0	15	2	1978.0	1821.0	–
516531.0	56.4	15	1	1015.0	–	–
696237.0	83.1	15	2	1265.0	1838.0	–
130545.0	67.2	15	2	1440.0	1326.0	–
312180.0	55.7	15	1	1790.0	–	–
493643.0	57.3	15	1	1792.0	–	–
672809.0	92.6	15	3	1558.0	1497.0	1284.0
108468.0	56.9	15	1	1067.0	–	–
289788.0	55.1	15	1	1891.0	–	–
471208.0	62.9	15	1	1923.0	–	–
653281.0	61.8	15	1	1189.0	–	–
85990.0	57.9	15	1	1967.0	–	–
267756.0	55.3	15	1	1005.0	–	–

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)
358080.0	69.0	20	2	1425.0	1793.0	-
503934.0	57.2	20	1	1894.0	-	-
50890.0	57.6	20	1	1862.0	-	-
195127.0	88.8	20	3	1532.0	1809.0	1055.0
339614.0	99.4	20	3	1671.0	1632.0	1034.0
486325.0	53.3	20	1	1576.0	-	-
32867.0	90.8	20	3	1911.0	1669.0	1073.0
177457.0	91.7	20	3	1094.0	1673.0	1218.0
321659.0	98.9	20	3	1618.0	1317.0	1698.0
467344.0	73.5	20	2	1513.0	1472.0	-
15168.0	51.5	20	1	1260.0	-	-
160124.0	78.6	20	2	1196.0	1023.0	-
303892.0	86.7	20	3	1545.0	1483.0	1567.0
450068.0	68.8	20	2	1096.0	1146.0	-
592815.0	92.6	20	3	1605.0	1014.0	1861.0
142254.0	74.4	20	2	1109.0	1160.0	-
286239.0	85.4	20	3	1736.0	1241.0	1338.0
432961.0	61.7	20	1	1204.0	-	-
574936.0	87.0	20	3	1824.0	1727.0	1021.0
124071.0	84.9	20	3	1016.0	1382.0	1438.0

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)
317543.0	52.0	16	1	1245.0	-	-
488453.0	52.7	16	1	1225.0	-	-
657407.0	71.0	16	2	1519.0	1788.0	-
125604.0	52.5	16	1	1195.0	-	-
295045.0	83.8	16	3	1451.0	1281.0	1953.0
464730.0	85.2	16	3	1880.0	1950.0	1424.0
636722.0	78.7	16	2	1866.0	1105.0	-
104575.0	54.7	16	1	1040.0	-	-
274665.0	73.2	16	2	1798.0	1434.0	-
444143.0	88.4	16	3	1255.0	1492.0	1964.0
616746.0	56.5	16	1	1804.0	-	-
83087.0	90.9	16	3	1674.0	1484.0	1527.0
253318.0	86.8	16	3	1568.0	1602.0	1047.0
424518.0	74.0	16	2	1356.0	1165.0	-
593421.0	98.8	16	3	1657.0	1477.0	1378.0
62156.0	99.2	16	3	1895.0	1550.0	1050.0
232198.0	97.5	16	3	1773.0	1729.0	1193.0

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)
526722.0	90.6	11	3	1900.0	1795.0	1237.0
749412.0	93.6	11	3	1119.0	1883.0	1916.0
54042.0	69.5	11	2	1876.0	1238.0	-
277623.0	61.5	11	1	1582.0	-	-
501212.0	50.4	11	1	1404.0	-	-
723864.0	77.2	11	2	1231.0	1295.0	-
26581.0	82.9	11	2	1080.0	1253.0	-
249643.0	81.6	11	2	1716.0	1528.0	-
471942.0	88.6	11	3	1831.0	1573.0	1377.0
695516.0	69.0	11	2	1689.0	1957.0	-
917657.0	88.5	11	3	1406.0	1856.0	1235.0
221976.0	100.0	11	3	1652.0	1297.0	1072.0
445411.0	82.5	11	2	1113.0	1803.0	-

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)
434227.0	69.7	20	2	1187.0	1190.0	-
579801.0	51.2	20	1	1725.0	-	-
126297.0	74.8	20	2	1626.0	1654.0	-
271259.0	73.0	20	2	1662.0	1092.0	-
416843.0	53.3	20	1	1702.0	-	-
562277.0	66.2	20	1	1353.0	-	-
108297.0	86.2	20	3	1264.0	1623.0	1347.0
253811.0	55.1	20	1	1826.0	-	-
399420.0	55.0	20	1	1026.0	-	-
544669.0	64.2	20	1	1049.0	-	-
90689.0	74.7	20	2	1335.0	1646.0	-
234857.0	86.1	20	3	1815.0	1056.0	1703.0
380450.0	68.4	20	2	1325.0	1390.0	-
526268.0	60.5	20	1	1627.0	-	-
72842.0	67.0	20	2	1734.0	1342.0	-
218145.0	60.7	20	1	1621.0	-	-
361625.0	91.8	20	3	1583.0	1156.0	1593.0
508871.0	62.7	20	1	1063.0	-	-
55030.0	70.1	20	2	1663.0	1185.0	-
199254.0	93.5	20	3	1741.0	1849.0	1065.0

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)
493310.0	77.0	12	2	1240.0	1268.0	-
699079.0	94.9	12	3	1961.0	1229.0	1157.0
53214.0	68.1	12	2	1131.0	1580.0	-
260238.0	67.5	12	2	1531.0	1845.0	-
467441.0	73.4	12	2	1615.0	1509.0	-
675607.0	51.6	12	1	1808.0	-	-
27684.0	75.5	12	2	1695.0	1147.0	-
234577.0	88.1	12	3	1122.0	1403.0	1417.0
442273.0	71.0	12	2	1367.0	1091.0	-
648023.0	95.2	12	3	1569.0	1721.0	1191.0
2167.0	66.2	12	1	1309.0	-	-
208872.0	90.2	12	3	1755.0	1825.0	1244.0
417329.0	54.7	12	1	1249.0	-	-
622536.0	90.7	12	3	1796.0	1433.0	1272.0

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)
775125.0	68.6	14	2	1418.0	1667.0	-
171829.0	55.2	14	1	1495.0	-	-
365530.0	66.0	14	1	1411.0	-	-
559049.0	63.8	14	1	1645.0	-	-
751465.0	70.7	14	2	1485.0	1445.0	-
147790.0	82.5	14	2	1173.0	1318.0	-
341751.0	62.9	14	1	1228.0	-	-
533280.0	92.4	14	3	1846.0	1463.0	1199.0
727125.0	85.6	14	3	1149.0	1019.0	1341.0
124007.0	79.4	14	2	1099.0	1121.0	-
316260.0	94.9	14	3	1778.0	1993.0	1549.0
510418.0	75.4	14	2	1470.0	1629.0	-
704384.0	82.0	14	2	1221.0	1093.0	-
100165.0	66.7	14	2	1258.0	1032.0	-
293913.0	65.9	14	1	1534.0	-	-

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)
521534.0	70.8	13	2	1491.0	1559.0	-
727769.0	96.8	13	3	1206.0	1127.0	1783.0
81840.0	56.3	13	1	1892.0	-	-
288795.0	68.4	13	2	1410.0	1873.0	-
497179.0	56.5	13	1	1052.0	-	-
704253.0	55.5	13	1	1726.0	-	-
56259.0	74.8	13	2	1345.0	1027.0	-
263364.0	83.1	13	2	1041.0	1992.0	-
471291.0	57.3	13	1	1619.0	-	-
676192.0	99.7	13	3	1522.0	1864.0	1498.0
30750.0	51.6	13	1	1624.0	-	-
237313.0	90.7	13	3	1979.0	1723.0	1250.0
444506.0	98.2	13	3	1025.0	1086.0	1863.0
650275.0	84.1	13	3	1556.0	1936.0	1990.0

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)
3632.0	59.8	20	1	1592.0	-	-
148138.0	98.1	20	3	1192.0	1620.0	1299.0
292061.0	84.5	20	3	1775.0	1644.0	1912.0
437734.0	81.3	20	2	1850.0	1508.0	-
583357.0	77.7	20	2	1124.0	1293.0	-
130250.0	91.9	20	3	1872.0	1380.0	1252.0
275869.0	61.7	20	1	1919.0	-	-
418638.0	94.7	20	3	1937.0	1843.0	1385.0
565241.0	78.0	20	2	1426.0	1270.0	-
112460.0	92.0	20	3	1700.0	1606.0	1198.0
256678.0	87.6	20	3	1886.0	1324.0	1777.0
402588.0	80.5	20	2	1064.0	1548.0	-
546213.0	84.6	20	3	1114.0	1599.0	1275.0
95076.0	59.3	20	1	1954.0	-	-
239190.0	88.7	20	3	1437.0	1393.0	1441.0
384375.0	72.6	20	2	1565.0	1616.0	-
528064.0	98.0	20	3	1636.0	1450.0	1289.0
77050.0	69.7	20	2	1638.0	1553.0	-
222534.0	58.8	20	1	1201.0	-	-
366656.0	72.2	20	2	1705.0	1296.0	-

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)
641078.0	50.1	15	1	1686.0	-	-
73985.0	98.4	15	3	1087.0	1314.0	2000.0
255751.0	59.8	15	1	1664.0	-	-
436400.0	71.7	15	2	1243.0	1869.0	-
616348.0	98.3	15	3	1110.0	1806.0	1642.0
51794.0	85.2	15	3	1046.0	1125.0	1029.0
232763.0	93.8	15	3	1365.0	1267.0	1061.0
414330.0	72.1	15	2	1035.0	1639.0	-
596749.0	58.7	15	1	1208.0	-	-
29533.0	64.1	15	1	1935.0	-	-
210647.0	69.0	15	2	1690.0	1366.0	-
391122.0	91.8	15	3	1540.0	1358.0	1458.0
574142.0	64.8	15	1	1517.0	-	-
7191.0	58.2	15	1	1334.0	-	-
188215.0	75.7	15	2	1814.0	1706.0	-
369689.0	81.4	15	2	1001.0	1651.0	-

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)
630565.0	60.4	13	1	1791.0	-	-
834746.0	94.2	13	3	1926.0	1300.0	1901.0
190189.0	54.2	13	1	1446.0	-	-
396971.0	74.9	13	2	1194.0	1870.0	-
605023.0	54.1	13	1	1776.0	-	-
811516.0	76.1	13	2	1308.0	1479.0	-
164286.0	68.7	13	2	1882.0	1333.0	-
372352.0	64.4	13	1	1004.0	-	-
579002.0	80.9	13	2	1078.0	1387.0	-
786107.0	76.0	13	2	1447.0	1216.0	-
138812.0	70.9	13	2	1917.0	1069.0	-
346753.0	65.5	13	1	1059.0	-	-
552246.0	94.5	13	3	1340.0	1981.0	1033.0
758546.0	84.7	13	3	1460.0	1995.0	1493.0

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)
158965.0	51.6	7	1	1524.0	-	-
449408.0	82.0	7	2	1009.0	1115.0	-
739330.0	81.9	7	2	1098.0	1998.0	-
1029611.0	75.9	7	2	1399.0	1704.0	-
122745.0	84.0	7	3	1920.0	1728.0	1931.0
413829.0	61.4	7	1	1525.0	-	-
702842.0	88.2	7	3	1939.0	1246.0	1155.0
995539.0	62.7	7	1	1075.0	-	-
87272.0	83.0	7	2	1666.0	1038.0	-
376886.0	92.6	7	3	1501.0	1768.0	1868.0

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)
834675.0	98.1	5	3	1095.0	1184.0	1763.0
1197336.0	89.6	5	3	1070.0	1386.0	1782.0
64299.0	86.0	5	3	1999.0	1379.0	1854.0
427913.0	63.8	5	1	1431.0	-	-
790685.0	72.9	5	2	1144.0	1570.0	-
1152707.0	95.8	5	3	1060.0	1733.0	1372.0
19690.0	65.7	5	1	1760.0	-	-
382731.0	76.3	5	2	1150.0	1898.0	-

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)
595499.0	83.7	8	3	1552.0	1897.0	1261.0
887492.0	57.3	8	1	1879.0	-	-
1178120.0	62.2	8	1	1832.0	-	-
270645.0	53.7	8	1	1392.0	-	-
561148.0	65.5	8	1	1812.0	-	-
849498.0	83.9	8	3	1600.0	1610.0	1765.0
1141252.0	68.0	8	2	1227.0	1732.0	-
234488.0	74.0	8	2	1914.0	1257.0	-
524629.0	79.6	8	2	1555.0	1908.0	-
814875.0	95.5	8	3	1135.0	1048.0	1211.0

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	0	26	1
12	1	27	0
13	0	28	1
14	1	29	1
Detection Percentage (%)		**90.0%**	

Type 6 Radar Waveform_0

Frequency List (MHz)	0	1	2	3	4
0	5469	5365	5313	5437	5327
5	5646	5473	5378	5455	5280
10	5667	5330	5264	5482	5428
15	5467	5597	5348	5716	5265
20	5531	5558	5301	5569	5468
25	5542	5383	5638	5409	5504
30	5276	5453	5602	5425	5485
35	5712	5289	5459	5496	5417
40	5443	5326	5661	5390	5379
45	5361	5686	5570	5411	5640
50	5663	5532	5359	5690	5681
55	5354	5458	5720	5693	5510
60	5304	5633	5605	5253	5707
65	5489	5628	5507	5494	5461
70	5462	5700	5328	5413	5629
75	5519	5415	5345	5347	5296
80	5538	5664	5715	5490	5281
85	5282	5598	5600	5475	5607
90	5579	5499	5300	5601	5545
95	5493	5549	5384	5404	5603

Type 6 Radar Waveform_1

Frequency List (MHz)	0	1	2	3	4
0	5627	5604	5724	5598	5644
5	5688	5398	5453	5618	5584
10	5594	5305	5580	5449	5555
15	5354	5615	5433	5651	5697
20	5499	5293	5542	5259	5394
25	5468	5672	5451	5393	5708
30	5668	5279	5720	5624	5546
35	5508	5539	5470	5432	5500
40	5381	5566	5658	5319	5359
45	5444	5269	5623	5676	5283
50	5503	5691	5277	5355	5681
55	5403	5635	5544	5671	5383
60	5455	5611	5459	5648	5551
65	5656	5428	5423	5310	5447
70	5465	5549	5609	5287	5382
75	5274	5662	5396	5360	5552
80	5702	5252	5695	5443	5466
85	5554	5723	5361	5297	5585
90	5533	5715	5338	5445	5472
95	5652	5479	5616	5509	5253

Type 6 Radar Waveform_2

Frequency List (MHz)	0	1	2	3	4
0	5407	5368	5660	5284	5389
5	5255	5420	5528	5684	5316
10	5529	5383	5346	5300	5470
15	5546	5279	5457	5625	5659
20	5291	5537	5382	5515	5622
25	5343	5671	5688	5706	5590
30	5282	5665	5311	5443	5288
35	5637	5304	5692	5384	5271
40	5583	5319	5331	5655	5626
45	5339	5624	5705	5676	5563
50	5634	5679	5267	5463	5653
55	5591	5589	5259	5571	5565
60	5325	5548	5497	5285	5594
65	5277	5605	5464	5403	5315
70	5588	5260	5433	5468	5398
75	5585	5721	5254	5394	5708
80	5377	5333	5391	5412	5612
85	5388	5393	5305	5635	5431
90	5496	5656	5462	5597	5447
95	5410	5666	5341	5354	5280

Type 6 Radar Waveform_3

Frequency List (MHz)	0	1	2	3	4
0	5662	5607	5596	5445	5706
5	5297	5345	5603	5372	5523
10	5363	5647	5387	5495	5491
15	5634	5406	5560	5705	5342
20	5667	5457	5478	5471	5488
25	5510	5670	5399	5317	5265
30	5632	5268	5622	5526	5680
35	5263	5427	5253	5672	5370
40	5298	5585	5666	5635	5571
45	5652	5555	5319	5707	5288
50	5353	5380	5318	5552	5379
55	5472	5304	5543	5449	5293
60	5536	5454	5713	5442	5683
65	5540	5575	5554	5403	5710
70	5391	5332	5516	5568	5625
75	5561	5698	5514	5376	5358
80	5529	5483	5589	5458	5475
85	5609	5296	5255	5299	5559
90	5269	5627	5694	5504	5382
95	5556	5576	5465	5650	5714

Type 6 Radar Waveform_4

Frequency List (MHz)	0	1	2	3	4
0	5442	5371	5532	5606	5451
5	5436	5367	5678	5535	5352
10	5294	5533	5525	5690	5512
15	5722	5663	5275	5631	5578
20	5526	5419	5463	5461	5301
25	5619	5602	5421	5299	5674
30	5632	5579	5266	5454	5469
35	5441	5468	5620	5309	5424
40	5573	5714	5271	5484	5315
45	5346	5685	5715	5386	5556
50	5369	5641	5677	5416	5492
55	5497	5639	5587	5507	5486
60	5403	5387	5679	5509	5583
65	5503	5439	5445	5477	5669
70	5501	5502	5571	5474	5440
75	5570	5634	5422	5339	5306
80	5593	5370	5622	5538	5400
85	5318	5328	5447	5264	5610
90	5517	5577	5317	5700	5568
95	5520	5709	5389	5356	5667

Type 6 Radar Waveform_5

Frequency List (MHz)	0	1	2	3	4
0	5600	5610	5468	5292	5293
5	5478	5389	5278	5698	5559
10	5700	5322	5566	5410	5533
15	5335	5660	5291	5348	5586
20	5692	5360	5552	5434	5664
25	5471	5708	5622	5333	5716
30	5618	5536	5481	5606	5281
35	5608	5532	5264	5298	5263
40	5454	5511	5479	5268	5316
45	5279	5398	5307	5505	5640
50	5257	5420	5255	5500	5680
55	5451	5406	5615	5568	5429
60	5529	5502	5452	5475	5277
65	5272	5375	5573	5488	5671
70	5323	5416	5598	5539	5657
75	5565	5320	5558	5703	5626
80	5311	5601	5603	5595	5674
85	5635	5639	5607	5564	5290
90	5397	5482	5706	5621	5677
95	5575	5715	5669	5492	5651

Type 6 Radar Waveform_6

Frequency List (MHz)	0	1	2	3	4
0	5380	5374	5404	5453	5513
5	5520	5314	5353	5289	5291
10	5534	5586	5607	5508	5554
15	5326	5312	5297	5268	5540
20	5594	5286	5398	5544	5407
25	5455	5323	5436	5251	5367
30	5507	5493	5599	5576	5272
35	5623	5535	5451	5612	5674
40	5537	5449	5719	5265	5720
45	5637	5481	5365	5316	5392
50	5516	5336	5471	5344	5682
55	5296	5308	5447	5603	5352
60	5269	5258	5343	5475	5325
65	5401	5414	5487	5542	5653
70	5645	5571	5647	5557	5302
75	5611	5301	5713	5716	5503
80	5315	5577	5477	5254	5259
85	5572	5615	5538	5595	5712
90	5509	5406	5689	5627	5630
95	5699	5505	5551	5382	5573

Type 6 Radar Waveform_7

Frequency List (MHz)	0	1	2	3	4
0	5635	5613	5340	5517	5355
5	5562	5336	5428	5452	5595
10	5465	5375	5648	5703	5575
15	5414	5342	5400	5313	5257
20	5505	5339	5633	5380	5343
25	5272	5639	5401	5422	5396
30	5450	5532	5299	5314	5714
35	5701	5526	5513	5717	5387
40	5262	5552	5617	5564	5423
45	5369	5657	5392	5512	5522
50	5530	5524	5529	5484	5637
55	5323	5398	5319	5559	5421
60	5350	5434	5456	5557	5496
65	5368	5516	5279	5379	5490
70	5351	5663	5542	5349	5500
75	5510	5480	5416	5451	5440
80	5569	5689	5415	5337	5446
85	5288	5644	5685	5683	5403
90	5698	5572	5463	5568	5604
95	5347	5391	5366	5658	5315

Type 6 Radar Waveform_8

Frequency List (MHz)	0	1	2	3	4
0	5415	5377	5276	5678	5575
5	5701	5261	5503	5615	5327
10	5299	5639	5689	5423	5596
15	5502	5469	5358	5449	5513
20	5521	5280	5625	5353	5609
25	5599	5367	5459	5435	5464
30	5382	5407	5554	5306	5594
35	5453	5330	5699	5379	5537
40	5352	5325	5627	5259	5481
45	5597	5647	5384	5422	5544
50	5646	5688	5573	5619	5347
55	5473	5672	5691	5716	5294
60	5527	5588	5264	5579	5482
65	5349	5389	5529	5704	5411
70	5543	5302	5723	5344	5475
75	5542	5360	5267	5461	5444
80	5706	5412	5497	5480	5258
85	5277	5643	5405	5620	5462
90	5613	5346	5548	5432	5283
95	5265	5289	5301	5509	5326

Type 6 Radar Waveform_9

Frequency List (MHz)	0	1	2	3	4
0	5670	5616	5687	5364	5417
5	5268	5283	5578	5303	5534
10	5705	5525	5255	5618	5617
15	5590	5596	5606	5306	5641
20	5521	5318	5714	5326	5497
25	5548	5570	5660	5469	5603
30	5271	5294	5458	5317	5592
35	5421	5495	5532	5451	5666
40	5408	5263	5392	5353	5410
45	5577	5442	5378	5334	5522
50	5389	5624	5708	5645	5320
55	5385	5542	5535	5265	5559
60	5278	5411	5308	5550	5723
65	5425	5361	5537	5580	5529
70	5402	5572	5434	5696	5565
75	5468	5341	5519	5474	5700
80	5395	5494	5383	5672	5337
85	5273	5574	5710	5433	5667
90	5352	5430	5444	5300	5674
95	5391	5429	5412	5558	5571

Type 6 Radar Waveform_10

Frequency List (MHz)	0	1	2	3	4
0	5353	5380	5720	5525	5637
5	5310	5683	5653	5466	5266
10	5636	5314	5296	5338	5638
15	5581	5723	5709	5351	5358
20	5432	5281	5259	5706	5299
25	5385	5400	5676	5289	5503
30	5645	5635	5321	5412	5707
35	5612	5256	5609	5388	5685
40	5365	5505	5491	5632	5350
45	5717	5557	5500	5431	5696
50	5398	5565	5675	5322	5468
55	5264	5573	5599	5257	5614
60	5688	5443	5251	5718	5356
65	5373	5672	5461	5571	5391
70	5652	5405	5421	5674	5393
75	5665	5611	5584	5481	5559
80	5286	5514	5300	5455	5713
85	5625	5483	5631	5357	5451
90	5312	5553	5317	5375	5572
95	5370	5532	5313	5624	5394

Type 6 Radar Waveform_11

Frequency List (MHz)	0	1	2	3	4
0	5608	5619	5656	5686	5479
5	5352	5705	5253	5532	5570
10	5470	5578	5337	5436	5659
15	5669	5375	5715	5396	5550
20	5440	5447	5675	5320	5272
25	5651	5252	5404	5393	5537
30	5687	5621	5278	5627	5384
35	5335	5298	5700	5460	5376
40	5441	5671	5517	5300	5347
45	5646	5421	5461	5484	5486
50	5274	5266	5251	5508	5586
55	5286	5553	5551	5585	5342
60	5399	5574	5400	5403	5283
65	5521	5346	5598	5408	5270
70	5650	5330	5657	5303	5548
75	5694	5262	5626	5698	5391
80	5437	5356	5360	5581	5579
85	5256	5451	5522	5388	5572
90	5662	5334	5430	5338	5567
95	5635	5663	5361	5471	5275

Type 6 Radar Waveform_12

Frequency List (MHz)	0	1	2	3	4
0	5388	5383	5592	5372	5699
5	5491	5630	5328	5695	5302
10	5401	5367	5475	5631	5680
15	5282	5405	5343	5441	5364
20	5448	5613	5713	5312	5720
25	5539	5676	5607	5497	5571
30	5351	5510	5710	5633	5437
35	5316	5455	5290	5280	5279
40	5540	5344	5478	5420	5504
45	5519	5537	5373	5528	5442
50	5597	5492	5530	5474	5507
55	5370	5556	5471	5298	5616
60	5479	5358	5345	5300	5570
65	5436	5553	5324	5418	5584
70	5508	5594	5626	5311	5506
75	5450	5325	5284	5703	5707
80	5518	5315	5286	5254	5664
85	5295	5323	5267	5546	5649
90	5687	5467	5422	5454	5674
95	5485	5322	5465	5706	5263

Type 6 Radar Waveform_13

Frequency List (MHz)	0	1	2	3	4
0	5643	5622	5528	5533	5541
5	5652	5403	5383	5509	5332
10	5631	5516	5351	5701	5370
15	5532	5446	5389	5556	5359
20	5682	5654	5401	5693	5330
25	5335	5698	5605	5393	5399
30	5667	5582	5310	5450	5576
35	5407	5251	5291	5679	5594
40	5362	5305	5341	5400	5587
45	5577	5590	5638	5404	5618
50	5353	5686	5315	5377	5565
55	5461	5255	5567	5527	5600
60	5463	5658	5311	5659	5598
65	5519	5375	5445	5348	5602
70	5570	5511	5346	5270	5378
75	5371	5265	5480	5342	5299
80	5479	5385	5449	5612	5459
85	5414	5584	5277	5469	5473
90	5456	5714	5308	5465	5540
95	5306	5363	5588	5366	5529

Type 6 Radar Waveform_14

Frequency List (MHz)	0	1	2	3	4
0	5326	5386	5464	5694	5286
5	5575	5577	5478	5546	5338
10	5641	5517	5557	5722	5361
15	5659	5549	5434	5273	5367
20	5373	5595	5393	5666	5693
25	5477	5538	5327	5639	5435
30	5385	5624	5700	5559	5648
35	5618	5498	5619	5541	5690
40	5433	5542	5331	5545	5336
45	5380	5670	5635	5643	5525
50	5280	5319	5404	5300	5613
55	5321	5278	5415	5445	5401
60	5254	5628	5603	5582	5334
65	5324	5468	5411	5655	5715
70	5405	5653	5611	5578	5704
75	5347	5593	5514	5721	5257
80	5355	5555	5509	5382	5644
85	5567	5454	5346	5554	5282
90	5667	5479	5596	5417	5482
95	5387	5261	5469	5349	5376

Type 6 Radar Waveform_15

Frequency List (MHz)	0	1	2	3	4
0	5581	5722	5400	5283	5603
5	5617	5599	5553	5612	5545
10	5572	5306	5598	5266	5268
15	5449	5311	5652	5479	5465
20	5375	5442	5633	5482	5639
25	5484	5329	5644	5431	5576
30	5574	5274	5440	5711	5468
35	5282	5686	5415	5694	5604
40	5369	5625	5269	5688	5432
45	5643	5360	5278	5596	5696
50	5315	5631	5495	5455	5389
55	5436	5466	5635	5680	5372
60	5286	5318	5548	5450	5408
65	5280	5622	5417	5447	5487
70	5510	5586	5256	5614	5519
75	5554	5663	5316	5713	5560
80	5702	5509	5336	5710	5379
85	5364	5470	5393	5406	5271
90	5589	5676	5707	5485	5427
95	5478	5429	5499	5650	5371

Type 6 Radar Waveform_16

Frequency List (MHz)	0	1	2	3	4
0	5361	5486	5336	5444	5348
5	5281	5524	5628	5300	5277
10	5503	5570	5639	5364	5289
15	5537	5438	5658	5427	5657
20	5286	5608	5574	5474	5612
25	5372	5656	5535	5610	5616
30	5260	5538	5655	5485	5666
35	5421	5302	5686	5518	5683
40	5708	5682	5453	5429	5572
45	5340	5654	5652	5677	5410
50	5671	5506	5575	5637	5587
55	5323	5350	5499	5343	5415
60	5483	5493	5282	5331	5701
65	5463	5386	5319	5402	5389
70	5425	5625	5714	5368	5433
75	5622	5663	5358	5703	5305
80	5592	5399	5257	5376	5559
85	5373	5710	5369	5366	5590
90	5543	5449	5685	5397	5588
95	5263	5613	5705	5355	5532

Type 6 Radar Waveform_17

Frequency List (MHz)	0	1	2	3	4
0	5616	5250	5272	5605	5665
5	5323	5546	5703	5463	5581
10	5337	5359	5680	5559	5310
15	5625	5468	5286	5472	5374
20	5294	5677	5515	5563	5585
25	5260	5575	5261	5644	5658
30	5624	5495	5395	5637	5486
35	5560	5393	5579	5622	5529
40	5522	5316	5620	5693	5426
45	5404	5320	5444	5712	5705
50	5467	5372	5557	5664	5460
55	5434	5367	5277	5540	5696
60	5314	5544	5648	5535	5686
65	5632	5647	5646	5412	5422
70	5672	5667	5497	5611	5717
75	5595	5409	5478	5274	5441
80	5588	5373	5276	5376	5649
85	5429	5558	5555	5594	5697
90	5408	5562	5398	5550	5630
95	5285	5436	5527	5303	5661

Type 6 Radar Waveform_18

Frequency List (MHz)	0	1	2	3	4
0	5396	5489	5683	5291	5410
5	5365	5471	5303	5626	5313
10	5268	5623	5721	5279	5331
15	5616	5595	5389	5517	5566
20	5302	5368	5456	5555	5558
25	5526	5457	5678	5700	5513
30	5452	5411	5684	5602	5484
35	5375	5300	5443	5361	5496
40	5461	5423	5333	5527	5673
45	5283	5354	5637	5548	5608
50	5278	5378	5609	5255	5515
55	5663	5338	5480	5518	5458
60	5690	5372	5467	5470	5666
65	5694	5720	5444	5385	5540
70	5504	5501	5417	5267	5693
75	5698	5629	5252	5383	5273
80	5571	5276	5491	5392	5275
85	5703	5600	5335	5405	5659
90	5647	5340	5420	5425	5289
95	5406	5288	5416	5476	5264

Type 6 Radar Waveform_19

Frequency List (MHz)	0	1	2	3	4
0	5554	5253	5619	5452	5252
5	5504	5493	5378	5692	5520
10	5577	5509	5287	5474	5352
15	5704	5722	5492	5562	5380
20	5688	5437	5494	5644	5531
25	5414	5406	5506	5469	5712
30	5364	5499	5409	5563	5266
35	5575	5646	5453	5357	5675
40	5579	5399	5601	5517	5262
45	5658	5610	5256	5336	5513
50	5724	5659	5367	5581	5700
55	5348	5334	5634	5327	5503
60	5425	5350	5381	5636	5573
65	5310	5397	5571	5359	5273
70	5263	5680	5345	5293	5361
75	5473	5621	5560	5723	5470
80	5333	5410	5319	5446	5270
85	5291	5654	5355	5370	5388
90	5599	5718	5426	5417	5606
95	5369	5664	5395	5404	5323

Type 6 Radar Waveform_20

Frequency List (MHz)	0	1	2	3	4
0	5334	5492	5555	5613	5472
5	5546	5418	5453	5380	5349
10	5508	5298	5425	5572	5373
15	5317	5374	5595	5510	5696
20	5603	5435	5636	5504	5680
25	5258	5612	5573	5271	5406
30	5388	5366	5468	5337	5324
35	5405	5666	5442	5703	5368
40	5611	5662	5514	5569	5638
45	5693	5314	5389	5506	5292
50	5710	5553	5307	5644	5359
55	5517	5538	5531	5605	5668
60	5467	5657	5682	5582	5396
65	5259	5433	5403	5629	5454
70	5432	5348	5617	5458	5345
75	5266	5606	5704	5722	5346
80	5483	5267	5486	5654	5272
85	5415	5562	5256	5491	5721
90	5709	5306	5305	5681	5450
95	5485	5625	5684	5369	5443

Type 6 Radar Waveform_21

Frequency List (MHz)	0	1	2	3	4
0	5589	5256	5491	5299	5314
5	5588	5440	5528	5543	5556
10	5439	5562	5466	5292	5394
15	5405	5501	5601	5555	5289
20	5704	5672	5376	5250	5477
25	5568	5585	5340	5677	5305
30	5448	5277	5323	5683	5489
35	5522	5447	5379	5335	5381
40	5282	5450	5270	5275	5606
45	5511	5498	5618	5301	5442
50	5296	5643	5286	5642	5605
55	5547	5471	5253	5350	5576
60	5488	5358	5412	5586	5508
65	5625	5597	5372	5613	5521
70	5257	5504	5274	5313	5417
75	5386	5685	5499	5456	5647
80	5669	5264	5681	5557	5378
85	5657	5696	5604	5444	5272
90	5715	5429	5414	5320	5505
95	5469	5594	5581	5401	5311

Type 6 Radar Waveform_22

Frequency List (MHz)	0	1	2	3	4
0	5369	5495	5427	5363	5534
5	5630	5365	5603	5706	5288
10	5273	5351	5507	5487	5415
15	5396	5531	5704	5600	5481
20	5615	5414	5717	5450	5359
25	5543	5403	5339	5587	5263
30	5280	5326	5342	5586	5470
35	5606	5671	5289	5688	5274
40	5508	5330	5598	5384	5333
45	5398	5658	5519	5302	5337
50	5256	5428	5435	5260	5425
55	5443	5644	5617	5523	5357
60	5418	5431	5571	5420	5632
65	5408	5445	5316	5535	5673
70	5451	5693	5667	5376	5661
75	5506	5320	5666	5276	5469
80	5703	5336	5257	5639	5498
85	5460	5438	5374	5564	5558
90	5264	5437	5721	5311	5560
95	5453	5492	5486	5343	5702

Type 6 Radar Waveform_23

Frequency List (MHz)	0	1	2	3	4
0	5527	5259	5363	5524	5279
5	5294	5387	5678	5297	5592
10	5679	5615	5548	5682	5436
15	5484	5658	5332	5645	5673
20	5623	5529	5355	5331	5423
25	5722	5386	5271	5507	5373
30	5629	5627	5712	5541	5415
35	5540	5250	5561	5402	5309
40	5603	5533	5626	5514	5505
45	5578	5467	5391	5451	5448
50	5298	5478	5388	5345	5251
55	5282	5379	5633	5463	5421
60	5688	5302	5257	5517	5621
65	5581	5444	5655	5586	5338
70	5270	5721	5551	5542	5643
75	5335	5630	5647	5431	5579
80	5403	5320	5636	5693	5460
85	5370	5401	5566	5609	5663
90	5462	5602	5252	5311	5571
95	5535	5354	5534	5487	5465

Type 6 Radar Waveform_24

Frequency List (MHz)	0	1	2	3	4
0	5307	5498	5299	5685	5596
5	5336	5312	5278	5460	5324
10	5610	5501	5589	5402	5457
15	5572	5310	5435	5593	5390
20	5631	5598	5296	5323	5396
25	5513	5335	5474	5611	5407
30	5671	5516	5669	5281	5664
35	5360	5389	5652	5295	5462
40	5539	5616	5564	5279	5599
45	5663	5558	5550	5352	5504
50	5649	5654	5439	5531	5452
55	5701	5636	5333	5348	5660
60	5392	5400	5378	5344	5557
65	5655	5463	5444	5530	5383
70	5487	5478	5707	5554	5391
75	5619	5672	5509	5628	5683
80	5689	5265	5567	5480	5633
85	5413	5363	5687	5461	5661
90	5397	5563	5436	5282	5292
95	5258	5345	5453	5644	5371

Type 6 Radar Waveform_25

Frequency List (MHz)	0	1	2	3	4
0	5562	5262	5710	5371	5341
5	5378	5334	5353	5623	5531
10	5444	5290	5630	5500	5478
15	5660	5437	5538	5638	5582
20	5542	5289	5412	5369	5401
25	5662	5580	5715	5441	5335
30	5502	5626	5496	5558	5431
35	5268	5566	5615	5510	5321
40	5519	5596	5495	5633	5410
45	5557	5600	5525	5355	5490
50	5620	5275	5645	5349	5287
55	5479	5363	5529	5543	5389
60	5481	5506	5419	5697	5273
65	5322	5511	5315	5654	5595
70	5631	5471	5294	5652	5706
75	5460	5702	5618	5256	5608
80	5266	5424	5362	5614	5684
85	5480	5457	5361	5282	5713
90	5278	5485	5628	5283	5326
95	5443	5655	5381	5317	5532

Type 6 Radar Waveform_26

Frequency List (MHz)	0	1	2	3	4
0	5342	5501	5646	5532	5658
5	5420	5259	5428	5311	5263
10	5375	5554	5671	5695	5499
15	5651	5564	5544	5683	5299
20	5550	5358	5275	5404	5289
25	5514	5308	5441	5475	5377
30	5391	5583	5614	5590	5378
35	5570	5456	5362	5390	5521
40	5692	5343	5662	5593	5424
45	5421	5716	5468	5610	5487
50	5401	5531	5541	5709	5573
55	5492	5440	5631	5298	5712
60	5561	5708	5318	5307	5452
65	5529	5640	5600	5301	5657
70	5467	5571	5414	5320	5687
75	5337	5399	5606	5627	5425
80	5266	5484	5473	5705	5568
85	5457	5300	5622	5367	5316
90	5595	5290	5502	5656	5280
95	5641	5691	5376	5538	5706

Type 6 Radar Waveform_27

Frequency List (MHz)	0	1	2	3	4
0	5597	5265	5582	5693	5403
5	5559	5281	5406	5377	5567
10	5684	5343	5712	5415	5520
15	5264	5594	5647	5631	5588
20	5558	5524	5691	5493	5315
25	5555	5463	5511	5545	5509
30	5419	5540	5354	5267	5673
35	5709	5547	5633	5543	5435
40	5531	5487	5427	5590	5256
45	5401	5324	5429	5663	5277
50	5655	5707	5592	5323	5396
55	5436	5628	5670	5346	5495
60	5683	5690	5398	5654	5625
65	5705	5669	5394	5287	5660
70	5316	5450	5549	5312	5437
75	5366	5668	5489	5447	5291
80	5527	5620	5644	5310	5665
85	5522	5498	5373	5253	5477
90	5399	5519	5263	5554	5662
95	5383	5461	5370	5428	5371

Type 6 Radar Waveform_28

Frequency List (MHz)	0	1	2	3	4
0	5280	5504	5518	5379	5720
5	5601	5681	5481	5540	5299
10	5615	5607	5375	5610	5541
15	5352	5721	5275	5676	5305
20	5469	5593	5254	5485	5288
25	5443	5315	5714	5649	5543
30	5558	5266	5497	5569	5516
35	5396	5276	5638	5526	5696
40	5349	5370	5570	5694	5667
45	5587	5660	5381	5407	5487
50	5619	5639	5531	5408	5643
55	5412	5597	5283	5341	5624
60	5536	5314	5654	5344	5563
65	5457	5441	5395	5326	5430
70	5571	5705	5273	5285	5640
75	5426	5508	5281	5557	5509
80	5644	5460	5436	5651	5354
85	5524	5340	5547	5724	5507
90	5382	5538	5573	5478	5318
95	5477	5287	5262	5551	5452

Type 6 Radar Waveform_29

Frequency List (MHz)	0	1	2	3	4
0	5535	5268	5454	5540	5465
5	5643	5703	5556	5506	5546
10	5396	5416	5330	5562	5440
15	5373	5378	5721	5497	5477
20	5284	5670	5574	5261	5709
25	5264	5442	5278	5577	5600
30	5630	5309	5668	5691	5415
35	5254	5322	5471	5360	5306
40	5275	5632	5335	5584	5589
45	5361	5490	5545	5672	5429
50	5407	5694	5598	5420	5702
55	5529	5578	5251	5608	5625
60	5473	5253	5641	5289	5357
65	5387	5693	5369	5597	5484
70	5518	5356	5288	5489	5402
75	5467	5628	5677	5555	5421
80	5570	5692	5340	5417	5521
85	5547	5566	5470	5503	5527
90	5629	5516	5642	5482	5699
95	5619	5520	5553	5350	5523

Appendix B – Test Setup Photograph

Refer to “2407RSU042-UT” file.

Appendix C – EUT Photograph

Refer to “2407RSU042-UE” file.

The End