DFS MEASUREMENT REPORT

FCC 15.407 WLAN 802.11a/n/ac

FCC ID:	SFK-WF808
APPLICANT:	CIG Shanghai Co., Ltd.
Application Type:	Certification
Product:	WiFi 6 Extender
Model No.:	WF-808
Brand Name:	CIG
FCC Classification:	Unlicensed National Information Infrastructure (NII)
FCC Rule Part(s):	Part 15 Subpart E - 15.407 Section (h)(2) KDB 905462 D02v02, KDB 905462 D04v01
Test Date:	May 25 ~ 27, 2021

Reviewed By: Sunny Sun 2021/9/30 22:47:36

Sunny Sun

Approved By: Robin Wu 2021/9/30 22:47:52

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 D02v02. Test results reported herein relate only to the item(s) tested.

Revision History

Report No.	Version	Description	Issue Date	Note
2105RSU006-U4	Rev. 01	Initial Report	09-30-2021	Valid

CONTENTS

1. General Information

1.1. Applicant

CIG Shanghai Co., Ltd.

5F, Building 8, NO.2388 CHENGHANG ROAD, MINHANG DISTRTCT, SHANGHAI

1.2. Manufacturer

CIG Shanghai Co., Ltd.

5F, Building 8, NO.2388 CHENGHANG ROAD, MINHANG DISTRTCT, SHANGHAI

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	
☐	**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	WiFi 6 Extender
Model No.	WF-808
Brand Name	CIG
Operating Temperature	0 ~ 40°C
Wi-Fi Specification	802.11a/b/g/n/ac
Bluetooth Specification	v4.0 single mode
Antenna Information	Refer to section 1.7
Power Type	AC/DC Adapter
Accessory	
AC to DC Adapter	Model: ADS0248T-W050250 Input: 100-240V ~ 50-60Hz 0.6A Output: 5V, 2.5A
Remark: 1. The information of EUT was provided by the manufacturer, and the accuracy of the information shall be the responsibility of the manufacturer.	

1.5. Radio Specification under Test

Frequency Range	For 802.11a/n-HT20/ac-VHT20: 5260 ~ 5320MHz, 5500 ~ 5720MHz For 802.11n-HT40/ac-VHT40: 5270 ~ 5310MHz, 5510 ~ 5710MHz For 802.11ac-VHT80: 5290MHz, 5530MHz, 5610MHz, 5690MHz
Type of Modulation	802.11a/n/ac: OFDM
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 600Mbps 802.11ac: up to 1733.2Mbps
Power-on cycle	Requires 11.18 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. DFS Band Carrier Frequencies Operation

802.11a/n-HT20/ac-VHT20

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

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

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

1.7. Description of Available Antennas

Antenna Type	Frequency (MHz)	TX Path	Max Antenna Gain (dBi)	Uncorrelated Antenna Gain (dBi)
Wi-Fi Antenna				
PCB Antenna	2400 ~ 2483.5	2	3.0	0.51
PCB Antenna	5150 ~ 5350	4	6.5	1.95
PCB Antenna	5470 ~ 5725	4	7.2	1.97
Bluetooth Antenna				
PCB Antenna	2400 ~ 2483.5	1	1.9	--

Remark

1. The device supports SISO Mode for 802.11a and support MIMO mode for 802.11b/g/n/ac and supports the STBC mode only.
2. Due to the same modulation & power setting between 802.11n and 802.11ac, so 802.11n-HT20 and HT40 are covered by 802.11ac-VHT20 and VHT40 in this report.

1.8. Test Mode

Test Mode	Mode 1: Operating under AP mode

1.9. Test Environment Condition

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

2. DFS DETECTION THRESHOLDS AND RADAR TEST WAVEFORMS

2.1. 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

2.2. 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

2.3. 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

2.4. 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.

2.5. 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.

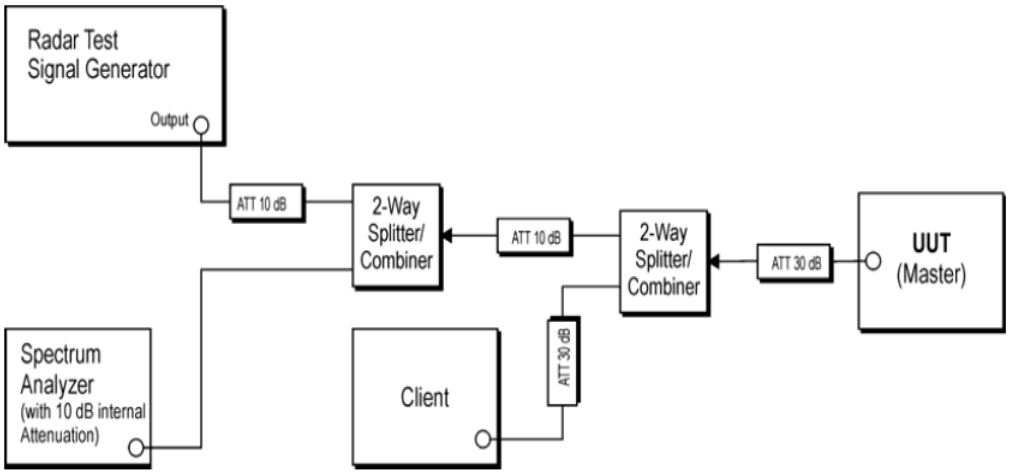


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

3. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (WZ-SR4)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
Signal Analyzer	R&S	FSV40	MRTSUE06218	1 year	2022/04/13
Vector Signal Generator	Agilent	E4438C	MRTSUE06026	1 year	2021/10/22
Vector Signal Generator	R&S	SMBV100A	MRTSUE06279	1 year	2022/04/13
MXG Vector Signal Generator	KEYSIGHT	N5182B	MRTSUE06451	1 year	2022/06/24
Thermal Hygrometer	testo	608-H1	MRTSUE06222	1 year	2021/10/25

Dynamic Frequency Selection (SIP-TR2)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTSUE06603	1 year	2021/11/23
Vector Signal Generator	Keysight	N5182B	MRTSUE06605	1 year	2021/11/23
Thermal Hygrometer	testo	622	MRTSUE06628	1 year	2021/11/25

Software	Version	Manufacturer	Function
Pulse Building	N/A	Agilent	Radar Signal Generation Software
R&S Pulse Sequencer DFS	V 1.4	R&S	DFS Test Software
DFS Tool	V 6.9.2	Agilent	DFS Test Software
N7606C Signal Studio	V2.0.0.0	Keysight	DFS Test Software

4. TEST RESULT

4.1. Summary

Parameter	Limit	Test Result	Reference
NII Detection Bandwidth Measurement	Refer Table 3-3	Pass	Section 4.4
Initial Channel Availability Check Time	Refer Table 3-3	Pass	Section 4.5
Radar Burst at the Beginning of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 4.6
Radar Burst at the End of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 4.7
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Refer Table 3-3	Pass	Section 4.8
Non-Occupancy Period	Refer Table 3-3	Pass	Section 4.8
Statistical Performance Check	Refer Table 3-3	Pass	Section 4.9

4.2. Radar Waveform Calibration

4.2.1. Calibration Setup

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

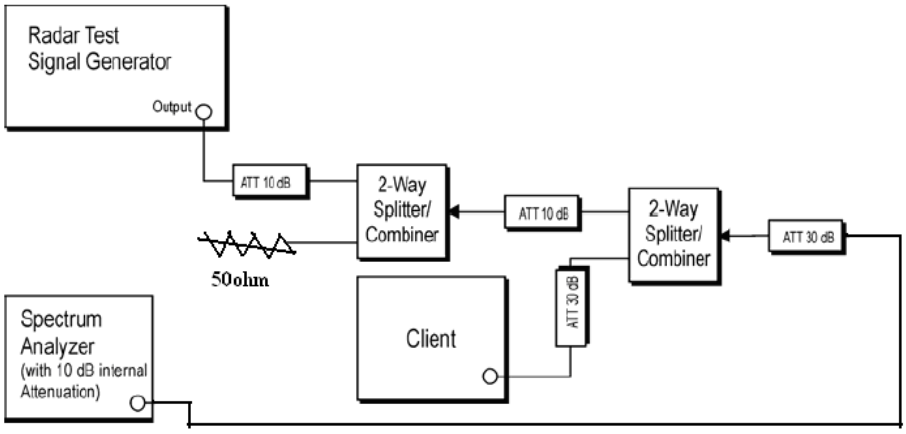


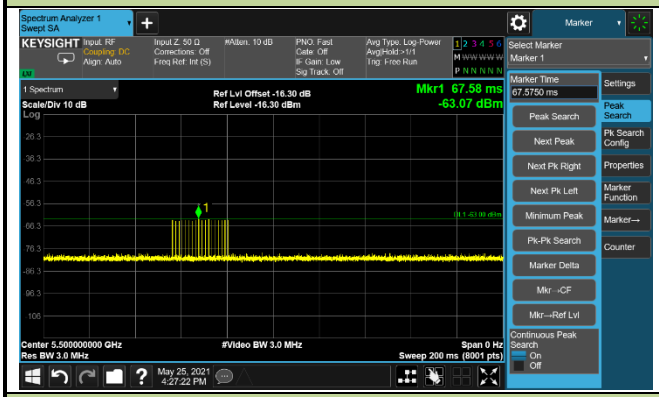
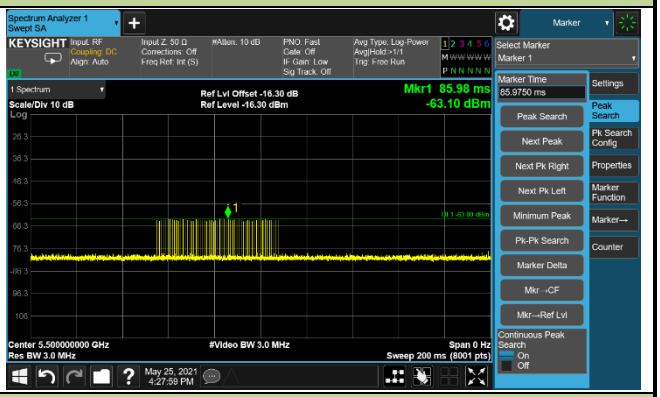
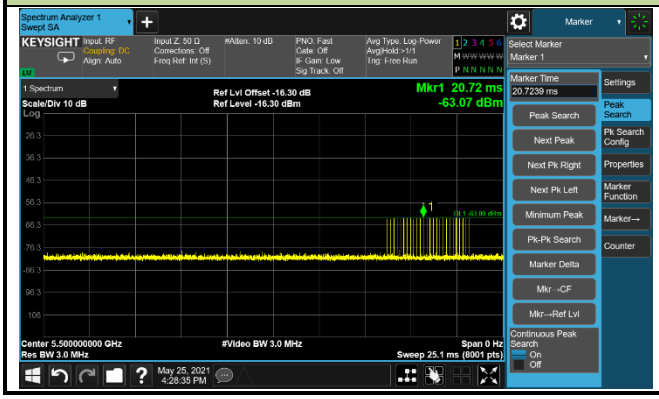
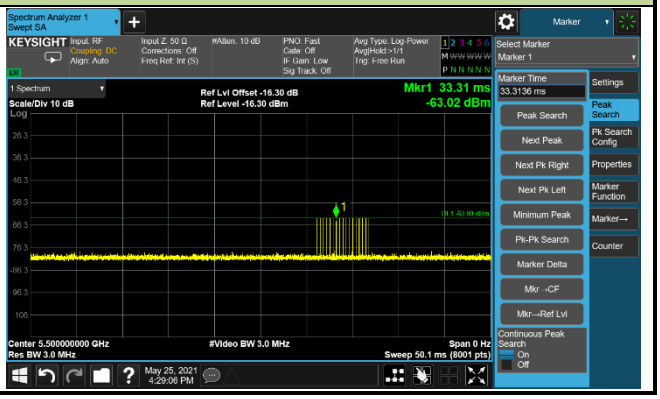
Figure 3-2: Conducted Test Setup

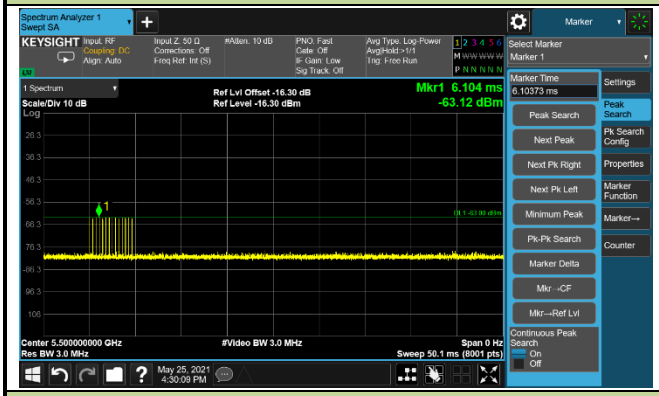
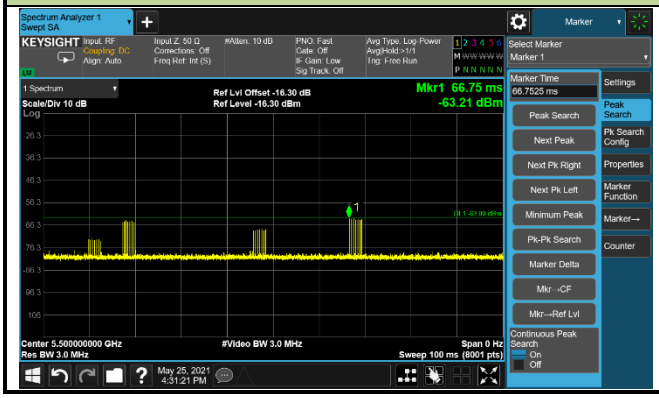
4.2.2. Calibration Procedure

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.

4.2.3. Calibration Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/25
Test Item	Radar Waveform Calibration		

Radar Waveform Calibration	
Radar #0	Radar #1
	
Radar #2	Radar #3
	

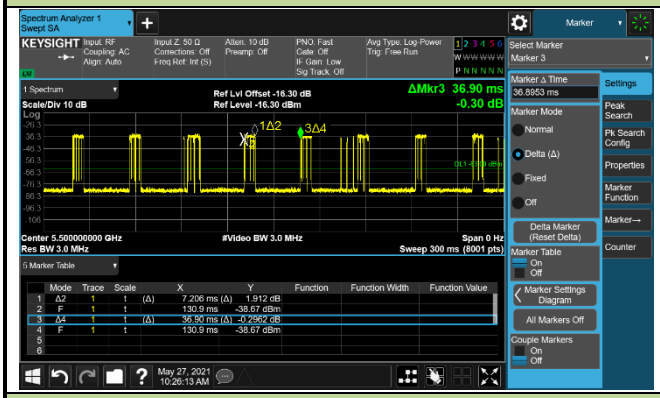
Radar #4	Radar #5
	
Radar #6	
	

4.2.4. Channel Loading Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/26~2021/05/27
Test Item	Channel Loading		

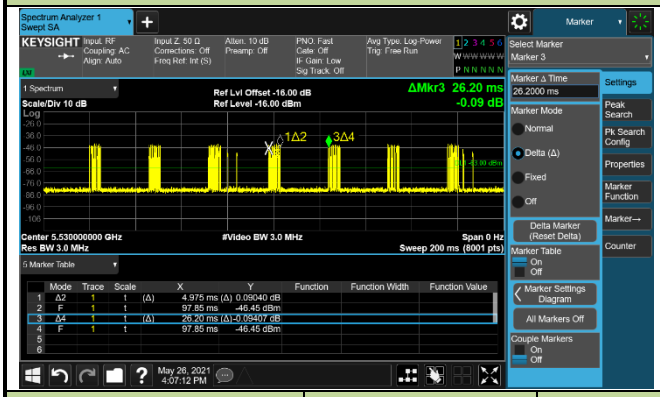
Channel Loading Plot

802.11ac-VHT20 5500MHz



802.11ac-VHT40 5510MHz

802.11ac-VHT80 5530MHz



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ac-VHT20	5500 MHz	19.53%	≥ 17%	Pass
802.11ac-VHT40	5510 MHz	20.63%	≥ 17%	Pass
802.11ac-VHT80	5530 MHz	18.99%	≥ 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).

4.3. NII Detection Bandwidth Measurement

4.3.1. 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.

4.3.2. Test Procedure

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

7. The U-NII Detection Bandwidth is calculated as follows: U-NII Detection Bandwidth = FH – FL

8. The U-NII Detection Bandwidth must be at least 100% of the EUT transmitter 99% power, otherwise, the EUT does not comply with DFS requirements.

4.3.3. Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	Detection Bandwidth (802.11ac-VHT20 mode - 5500MHz)		

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

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 17.59MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5509MHz – 5491MHz = 18MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 17.59MHz x 100% = 17.59MHz.

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	Detection Bandwidth (802.11ac-VHT40 mode - 5510MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 F_L	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5526	1	1	1	1	1	1	1	1	1	1	100%
5527	1	1	1	1	1	1	1	1	1	1	100%
5528	1	1	1	1	1	1	1	1	1	1	100%
5529 F_H	1	1	1	1	1	1	1	1	1	1	100%
5530	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 35.92MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5529MHz - 5491MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz):35.92MHz x 100% = 35.92MHz.

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	Detection Bandwidth (802.11ac-VHT80 mode - 5530MHz)		

Radar Frequency (MHz)	DFS Detection Trials (1=Detection, 0= No Detection)										
	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 F_L	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%
5535	1	1	1	1	1	1	1	1	1	1	100%
5540	1	1	1	1	1	1	1	1	1	1	100%
5545	1	1	1	1	1	1	1	1	1	1	100%
5550	1	1	1	1	1	1	1	1	1	1	100%
5555	1	1	1	1	1	1	1	1	1	1	100%
5560	1	1	1	1	1	1	1	1	1	1	100%
5565	1	1	1	1	1	1	1	1	1	1	100%
5566	1	1	1	1	1	1	1	1	1	1	100%
5567	1	1	1	1	1	1	1	1	1	1	100%
5568	1	1	1	1	1	1	1	1	1	1	100%
5569 F_H	1	1	1	1	1	1	1	1	1	1	100%
5570	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 75.43MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = F_H - F_L = 5569MHz - 5491MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 75.43MHz x 100% = 75.43MHz.

4.4. Initial Channel Availability Check Time Measurement

4.4.1. Test Limit

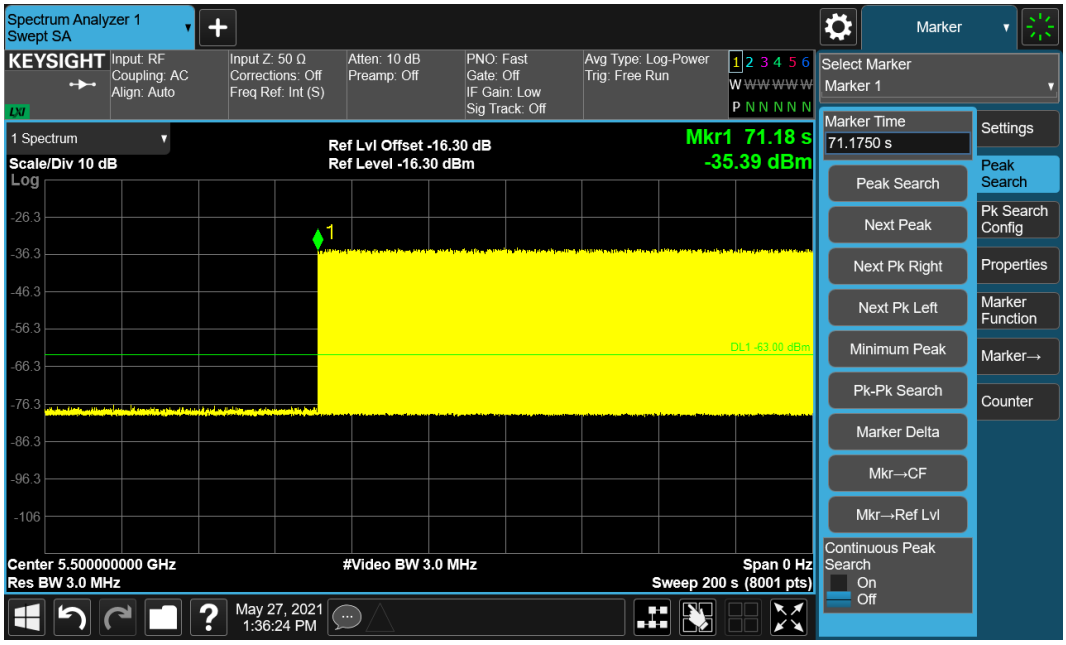
The EUT shall perform a Channel Availability Check to ensure that there is no radar operating on the channel. After power-up sequence, receive at least 1 minute on the intended operating frequency.

4.4.2. 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.

4.4.3. Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	Initial Channel Availability Check Time (802.11ac-VHT20 mode - 5500MHz)		

Initial Channel Availability Check Time

Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (11.18sec). Initial beacons/data transmissions are indicated by marker 1 (71.18sec).

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

4.5.1. 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.

4.5.2. 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.

4.5.3. Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	Beginning of the Channel Availability Check Time (802.11ac-VHT20 mode - 5500MHz)		

Beginning of the Channel Availability Check Time


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

4.6.1. 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.

4.6.2. 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.

4.6.3. Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/27
Test Item	End of the Channel Availability Check Time (802.11ac-VHT20 mode - 5500MHz)		

End of the Channel Availability Check Time


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

4.7.1. 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.

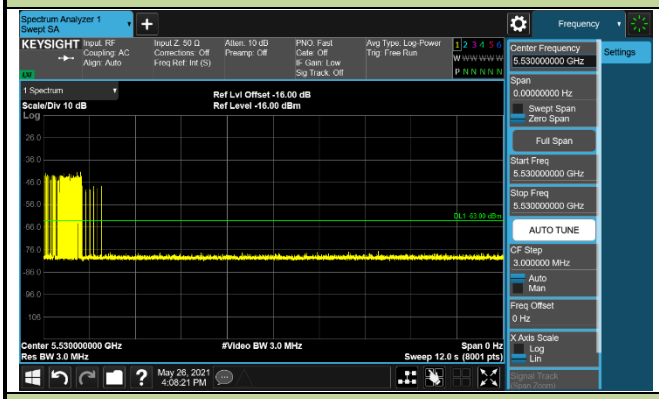
4.7.2. Test Procedure Used

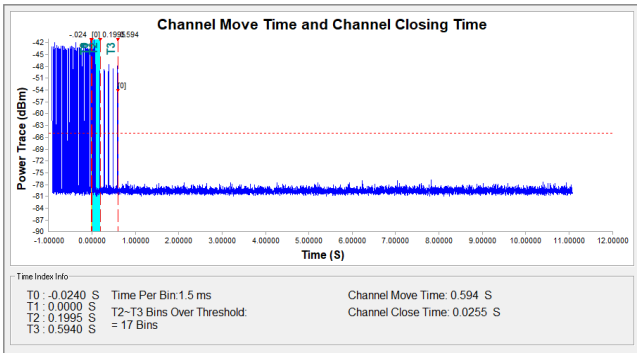
1. The test should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0.
2. When the radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. A U-NII device operating as a Master Device will 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.

4.7.3. Test Result

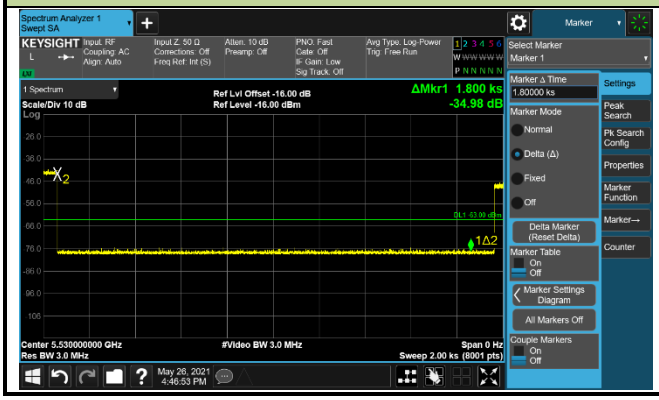
Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/26
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ac-VHT80 mode - 5530MHz)		

Channel Move Time and Channel Closing Transmission Time





Non-Occupancy Period



Parameter	Test Result	Limit
Channel Move Time (s)	0.594s	<10s
Channel Closing Transmission Time (ms) (Note)	25.5ms	< 60ms
Non-Occupancy Period (min)	≥ 30min	≥ 30 min
Note: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 seconds period. The aggregate duration of control signals will not count quiet periods in between transmissions.		

4.8. Statistical Performance Check Measurement

4.8.1. 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.		

4.8.2. 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.

4.8.3. Test Result

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/26
Test Item	Radar Statistical Performance Check (802.11ac-VHT20 mode - 5500MHz)		
Test Mode	AP mode		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5498.0	1.0	678	78	1
2	5509.0	1.0	858	62	1
3	5496.0	1.0	738	72	1
4	5493.0	1.0	878	61	1
5	5509.0	1.0	938	57	1
6	5500.0	1.0	918	58	1
7	5501.0	1.0	538	99	1
8	5508.0	1.0	618	86	1
9	5500.0	1.0	798	67	1
10	5509.0	1.0	898	59	1
11	5490.0	1.0	518	102	1
12	5503.0	1.0	718	74	1
13	5497.0	1.0	3066	18	1
14	5500.0	1.0	598	89	1
15	5491.0	1.0	838	63	1
16	5495.0	1.0	2846	19	1
17	5495.0	1.0	562	94	1
18	5504.0	1.0	1335	40	1
19	5497.0	1.0	1748	31	1
20	5507.0	1.0	3047	18	1
21	5493.0	1.0	850	63	1
22	5505.0	1.0	2404	22	1
23	5509.0	1.0	1611	33	1
24	5503.0	1.0	2904	19	1
25	5503.0	1.0	2736	20	1
26	5491.0	1.0	3044	18	1
27	5509.0	1.0	1604	33	1
28	5508.0	1.0	2695	20	1

29	5504.0	1.0	2004	27	1
30	5495.0	1.0	2642	20	1
Detection Percentage (%)					100%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5495.0	2.8	164	26	1
2	5500.0	3.9	160	27	1
3	5494.0	4.8	215	29	1
4	5497.0	4.1	202	28	0
5	5494.0	3.5	203	27	1
6	5505.0	3.7	154	27	1
7	5494.0	1.1	230	23	1
8	5492.0	4.2	204	28	1
9	5495.0	1.0	166	23	0
10	5490.0	2.7	169	25	1
11	5508.0	4.5	190	29	1
12	5505.0	4.4	195	28	1
13	5497.0	2.8	185	26	1
14	5497.0	3.0	181	26	1
15	5504.0	1.0	218	23	1
16	5509.0	3.5	173	27	1
17	5495.0	1.1	227	23	1
18	5508.0	2.5	193	25	1
19	5506.0	2.4	205	25	1
20	5494.0	5.0	208	29	1
21	5506.0	2.5	152	25	1
22	5498.0	4.9	210	29	1
23	5501.0	4.5	211	29	1
24	5500.0	1.5	158	23	0
25	5509.0	3.7	179	27	1
26	5499.0	3.9	199	27	1
27	5491.0	3.9	222	28	1
28	5501.0	1.6	171	24	1
29	5498.0	2.6	225	25	0
30	5492.0	4.5	216	29	1
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5502.0	7.8	333	17	1
2	5501.0	8.9	349	18	1
3	5503.0	9.8	228	18	1
4	5501.0	9.1	256	18	1
5	5509.0	8.5	402	17	0
6	5506.0	8.7	340	17	1
7	5506.0	6.1	392	16	0
8	5493.0	9.2	383	18	1
9	5492.0	6.0	460	16	1
10	5504.0	7.7	336	17	1
11	5496.0	9.5	381	18	0
12	5495.0	9.4	306	18	1
13	5492.0	7.8	210	17	1
14	5491.0	8.0	222	17	1
15	5496.0	6.0	480	16	1
16	5500.0	8.5	358	17	1
17	5494.0	6.1	470	16	1
18	5500.0	7.5	465	17	1
19	5502.0	7.4	217	17	1
20	5493.0	10.0	278	18	1
21	5508.0	7.5	407	17	1
22	5508.0	9.9	281	18	1
23	5501.0	9.5	226	18	1
24	5502.0	6.5	297	16	1
25	5505.0	8.7	406	17	1
26	5509.0	8.9	235	18	1
27	5508.0	8.9	479	18	1
28	5501.0	6.6	401	16	1
29	5499.0	7.6	219	17	1
30	5491.0	9.5	354	18	1
Detection Percentage (%)					90%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5492.0	15.1	333	14	1
2	5502.0	17.4	349	15	1
3	5507.0	19.6	228	16	1
4	5505.0	18.0	256	15	1
5	5494.0	16.5	402	15	1
6	5506.0	17.0	340	15	1
7	5502.0	11.2	392	12	1
8	5504.0	18.1	383	15	1
9	5495.0	11.1	460	12	1
10	5502.0	14.7	336	14	1
11	5498.0	18.8	381	16	1
12	5504.0	18.5	306	16	1
13	5504.0	15.1	210	14	1
14	5502.0	15.5	222	14	1
15	5496.0	11.0	480	12	1
16	5501.0	16.5	358	15	1
17	5500.0	11.2	470	12	0
18	5501.0	14.3	465	13	0
19	5496.0	14.2	217	13	1
20	5507.0	19.8	278	16	0
21	5492.0	14.5	407	13	0
22	5507.0	19.8	281	16	1
23	5491.0	18.9	226	16	1
24	5499.0	12.2	297	12	1
25	5502.0	16.9	406	15	1
26	5497.0	17.4	235	15	1
27	5506.0	17.5	479	15	1
28	5495.0	12.3	401	12	1
29	5500.0	14.6	219	14	1
30	5493.0	18.9	354	16	1
Detection Percentage (%)					86.7%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ = (100%+86.7%+90%+86.7%)/4 = 90.85% (>80%)

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5500.0	1	16	5497.0	1
2	5500.0	1	17	5494.2	1
3	5500.0	1	18	5495.8	1
4	5500.0	1	19	5495.8	1
5	5500.0	1	20	5499.0	1
6	5500.0	1	21	5503.8	1
7	5500.0	0	22	5501.0	1
8	5500.0	1	23	5501.4	1
9	5500.0	1	24	5505.4	1
10	5500.0	1	25	5502.6	1
11	5498.6	1	26	5502.2	1
12	5498.2	1	27	5502.2	1
13	5496.2	1	28	5505.4	0
14	5496.6	1	29	5503.8	1
15	5494.2	1	30	5501.4	1
Detection Percentage (%)					93.3%

Type 5 Radar Waveform_1

Downloa	0	Type 5	13	0.92...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	6441...	72.8	12	2	1089.0	1169.0	-
		1	8650...	85.5	12	3	1476.0	1358.0	1992.0
		2	1695...	97.5	12	3	1112.0	1742.0	1581.0
		3	3925...	88.7	12	3	1216.0	1568.0	1160.0
		4	6158...	80.6	12	2	1475.0	1906.0	-
		5	8399...	83.2	12	2	1152.0	1034.0	-
		6	1426...	51.2	12	1	1022.0	-	-
		7	3647...	89.3	12	3	1368.0	1722.0	1623.0
		8	5894...	51.0	12	1	1617.0	-	-
		9	8115...	70.8	12	2	2000.0	1223.0	-
		10	1146...	93.1	12	3	1751.0	1199.0	1656.0
		11	3373...	91.6	12	3	1453.0	1829.0	1329.0
		12	5607...	72.8	12	2	1830.0	1763.0	-

Type 5 Radar Waveform_2

Downloa	1	Type 5	17	0.70...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5997...	75.1	16	2	1180.0	1063.0	-
		1	66838.0	50.0	16	1	1817.0	-	-
		2	2370...	80.8	16	2	1747.0	1603.0	-
		3	4084...	51.6	16	1	1704.0	-	-
		4	5786...	68.4	16	2	1033.0	1352.0	-
		5	45703.0	67.7	16	2	1657.0	1723.0	-
		6	2155...	98.9	16	3	1898.0	1472.0	1613.0
		7	3871...	69.5	16	2	1010.0	1038.0	-
		8	5556...	98.5	16	3	1113.0	1819.0	1916.0
		9	24683.0	93.7	16	3	1240.0	1904.0	1171.0
		10	1956...	57.1	16	1	1338.0	-	-
		11	3658...	83.0	16	2	1511.0	1119.0	-
		12	5348...	85.7	16	3	1673.0	1910.0	1159.0
		13	3723.0	86.2	16	3	1589.0	1914.0	1166.0
		14	1746...	57.3	16	1	1252.0	-	-
		15	3448...	70.0	16	2	1641.0	1058.0	-
		16	5138...	93.6	16	3	1982.0	1412.0	1342.0

Type 5 Radar Waveform_3

Downloa	2	Type 5	20	0.60...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5822...	79.8	20	2	1407.0	1686.0	-
		1	1304...	62.9	20	1	1573.0	-	-
		2	2755...	56.7	20	1	1588.0	-	-
		3	4186...	83.5	20	3	1219.0	1896.0	1355.0
		4	5656...	53.9	20	1	1753.0	-	-
		5	1126...	54.9	20	1	1138.0	-	-
		6	2564...	84.8	20	3	1811.0	1161.0	1543.0
		7	4005...	84.4	20	3	1636.0	1678.0	1590.0
		8	5447...	84.6	20	3	1861.0	1262.0	1980.0
		9	94426.0	71.0	20	2	1306.0	1881.0	-
		10	2388...	84.9	20	3	1183.0	1047.0	1876.0
		11	3828...	83.8	20	3	1016.0	1998.0	1810.0
		12	5300...	50.6	20	1	1646.0	-	-
		13	76503.0	90.0	20	3	1084.0	1808.0	1030.0
		14	2210...	87.0	20	3	1024.0	1665.0	1230.0
		15	3670...	65.7	20	1	1586.0	-	-
		16	5119...	60.5	20	1	1907.0	-	-
		17	58930.0	55.0	20	1	1534.0	-	-
		18	2032...	99.4	20	3	1205.0	1444.0	1409.0
		19	3476...	89.2	20	3	1621.0	1535.0	1099.0

Type 5 Radar Waveform_4

Downloa	3	Type 5	18	0.66...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5496...	54.3	17	1	1251.0	-	-
		1	45658.0	63.6	17	1	1046.0	-	-
		2	2067...	73.4	17	2	1278.0	1000.0	-
		3	3672...	77.7	17	2	1304.0	1973.0	-
		4	5296...	64.5	17	1	1434.0	-	-
		5	25704.0	74.4	17	2	1036.0	1781.0	-
		6	1860...	91.9	17	3	1503.0	1526.0	1967.0
		7	3466...	90.4	17	3	1860.0	1339.0	1711.0
		8	5095...	55.7	17	1	1669.0	-	-
		9	5859.0	95.0	17	3	1585.0	1519.0	1224.0
		10	1663...	97.0	17	3	1938.0	1345.0	1685.0
		11	3272...	93.9	17	3	1580.0	1057.0	1536.0
		12	4891...	69.2	17	2	1150.0	1260.0	-
		13	6507...	57.4	17	1	1903.0	-	-
		14	1463...	91.1	17	3	1950.0	1878.0	1972.0
		15	3080...	80.1	17	2	1720.0	1070.0	-
		16	4677...	84.8	17	3	1782.0	1609.0	1312.0
		17	6283...	89.3	17	3	1447.0	1990.0	1137.0

Type 5 Radar Waveform_5

Downloa	4	Type 5	15	0.80...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1528...	71.1	14	2	1060.0	1193.0	-
		1	3448...	95.1	14	3	1929.0	1984.0	1700.0
		2	5378...	96.0	14	3	1954.0	1952.0	1320.0
		3	7323...	67.2	14	2	1718.0	1529.0	-
		4	1287...	83.9	14	3	1307.0	1064.0	1484.0
		5	3217...	96.7	14	3	1874.0	1151.0	1139.0
		6	5164...	63.9	14	1	1521.0	-	-
		7	7067...	85.7	14	3	1602.0	1831.0	1890.0
		8	1048...	97.8	14	3	1505.0	1531.0	1894.0
		9	2991...	53.6	14	1	1140.0	-	-
		10	4921...	70.1	14	2	1229.0	1088.0	-
		11	6856...	67.3	14	2	1087.0	1209.0	-
		12	81269.0	75.1	14	2	1538.0	1745.0	-
		13	2746...	81.2	14	2	1653.0	1075.0	-
		14	4688...	58.0	14	1	1431.0	-	-

Type 5 Radar Waveform_6

Downloa	5	Type 5	16	0.75...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	6197...	80.9	15	2	1452.0	1561.0	-
		1	53790.0	89.2	15	3	1204.0	1630.0	1443.0
		2	2354...	66.1	15	1	1666.0	-	-
		3	4149...	89.5	15	3	1999.0	1651.0	1549.0
		4	5976...	79.1	15	2	1102.0	1618.0	-
		5	31582.0	68.9	15	2	1380.0	1231.0	-
		6	2127...	79.6	15	2	1853.0	1039.0	-
		7	3945...	63.1	15	1	1732.0	-	-
		8	5743...	94.5	15	3	1059.0	1065.0	1883.0
		9	9249.0	78.6	15	2	1220.0	1857.0	-
		10	1899...	89.6	15	3	1221.0	1841.0	1942.0
		11	3715...	74.1	15	2	1962.0	1201.0	-
		12	5519...	91.0	15	3	1182.0	1092.0	1787.0
		13	7349...	64.6	15	1	1981.0	-	-
		14	1677...	93.3	15	3	1494.0	1071.0	1794.0
		15	3483...	99.0	15	3	1682.0	1471.0	1867.0

Type 5 Radar Waveform_7

Downloa	6	Type 5	8	1.50...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1064...	56.8	5	1	1598.0	-	-
		1	1426...	80.9	5	2	1604.0	1393.0	-
		2	2921...	71.2	5	2	1749.0	1483.0	-
		3	6543...	83.9	5	3	1779.0	1532.0	1698.0
		4	1019...	54.2	5	1	1446.0	-	-
		5	1380...	93.2	5	3	1142.0	1389.0	1020.0
		6	2470...	87.2	5	3	1812.0	1415.0	1911.0
		7	6101...	79.8	5	2	1924.0	1847.0	-

Type 5 Radar Waveform_8

Downloa	7	Type 5	18	0.66...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4316...	76.7	17	2	1640.0	1295.0	-
		1	5943...	63.7	17	1	1006.0	-	-
		2	89930.0	78.9	17	2	1086.0	1482.0	-
		3	2508...	76.6	17	2	1571.0	1279.0	-
		4	4109...	88.2	17	3	1145.0	1986.0	1243.0
		5	5731...	70.2	17	2	1118.0	1466.0	-
		6	69860.0	88.5	17	3	1421.0	1424.0	1905.0
		7	2310...	69.8	17	2	1002.0	1901.0	-
		8	3927...	65.8	17	1	1645.0	-	-
		9	5515...	85.8	17	3	1170.0	1696.0	1727.0
		10	50098.0	88.3	17	3	1514.0	1267.0	1815.0
		11	2113...	68.2	17	2	1100.0	1277.0	-
		12	3720...	74.9	17	2	1273.0	1960.0	-
		13	5321...	90.7	17	3	1562.0	1663.0	1001.0
		14	30478.0	55.7	17	1	1127.0	-	-
		15	1914...	70.4	17	2	1697.0	1116.0	-
		16	3515...	91.5	17	3	1497.0	1554.0	1413.0
		17	5132...	81.9	17	2	1569.0	1445.0	-

Type 5 Radar Waveform_9

Downloa	8	Type 5	8	1.50...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	23854.0	51.5	5	1	1563.0	-	-
		1	3865...	88.6	5	3	1608.0	1019.0	1845.0
		2	7491...	94.3	5	3	1994.0	1652.0	1008.0
		3	1113...	72.6	5	2	1124.0	1179.0	-
		4	1476...	73.0	5	2	1121.0	1014.0	-
		5	3420...	71.0	5	2	1805.0	1680.0	-
		6	7058...	54.5	5	1	1715.0	-	-
		7	1069...	54.6	5	1	1877.0	-	-

Type 5 Radar Waveform_10

Downloa	9	Type 5	13	0.92...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	8807...	63.2	11	1	1928.0	-	-
		1	1824...	86.4	11	3	1395.0	1314.0	1947.0
		2	4067...	53.9	11	1	1256.0	-	-
		3	6278...	97.3	11	3	1401.0	1792.0	1671.0
		4	8536...	53.8	11	1	1457.0	-	-
		5	1549...	87.8	11	3	1430.0	1912.0	1804.0
		6	3791...	52.0	11	1	1271.0	-	-
		7	6002...	86.4	11	3	1995.0	1731.0	1319.0
		8	8265...	62.7	11	1	1076.0	-	-
		9	1280...	65.3	11	1	1761.0	-	-
		10	3501...	90.0	11	3	1939.0	1376.0	1793.0
		11	5753...	53.0	11	1	1077.0	-	-
		12	7977...	74.9	11	2	1284.0	1153.0	-

Type 5 Radar Waveform_11

Downloa	10	Type 5	19	0.63...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	68581.0	74.2	18	2	1210.0	1642.0	-
		1	2207...	90.2	18	3	1143.0	1181.0	1559.0
		2	3739...	69.8	18	2	1041.0	1123.0	-
		3	5272...	58.2	18	1	1416.0	-	-
		4	49925.0	55.1	18	1	1250.0	-	-
		5	2019...	76.3	18	2	1949.0	1870.0	-
		6	3545...	75.0	18	2	1360.0	1951.0	-
		7	5075...	74.1	18	2	1396.0	1052.0	-
		8	31080.0	66.2	18	1	1552.0	-	-
		9	1835...	75.1	18	2	1237.0	1356.0	-
		10	3364...	50.8	18	1	1983.0	-	-
		11	4871...	92.5	18	3	1649.0	1490.0	1462.0
		12	12245.0	72.3	18	2	1178.0	1040.0	-
		13	1645...	91.6	18	3	1021.0	1451.0	1173.0
		14	3166...	98.6	18	3	1550.0	1177.0	1234.0
		15	4684...	85.5	18	3	1507.0	1852.0	1108.0
		16	6237...	54.1	18	1	1232.0	-	-
		17	1455...	90.7	18	3	1163.0	1280.0	1866.0
		18	2989...	57.9	18	1	1648.0	-	-

Type 5 Radar Waveform_12

Downloa	11	Type 5	18	0.66...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4754...	72.0	18	2	1965.0	1767.0	-
		1	6354...	83.6	18	3	1714.0	1587.0	1215.0
		2	1344...	56.9	18	1	1661.0	-	-
		3	2960...	52.0	18	1	1141.0	-	-
		4	4568...	65.8	18	1	1974.0	-	-
		5	6167...	68.5	18	2	1766.0	1634.0	-
		6	1144...	82.0	18	2	1300.0	1198.0	-
		7	2761...	50.5	18	1	1132.0	-	-
		8	4369...	66.2	18	1	2000.0	-	-
		9	5963...	88.5	18	3	1548.0	1375.0	1066.0
		10	94606.0	77.9	18	2	1594.0	1126.0	-
		11	2552...	90.4	18	3	1184.0	1258.0	1241.0
		12	4165...	80.4	18	2	1293.0	1582.0	-
		13	5755...	88.5	18	3	1762.0	1777.0	1628.0
		14	74927.0	57.0	18	1	1336.0	-	-
		15	2355...	77.4	18	2	1991.0	1461.0	-
		16	3954...	98.5	18	3	1557.0	1575.0	1826.0
		17	5580...	74.4	18	2	1131.0	1344.0	-

Type 5 Radar Waveform_13

Downloa	12	Type 5	13	0.92...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	76279.0	64.3	12	1	1185.0	-	-
		1	2991...	67.8	12	2	1290.0	1987.0	-
		2	5214...	94.7	12	3	1744.0	1025.0	1899.0
		3	7454...	79.6	12	2	1217.0	1918.0	-
		4	48685.0	80.6	12	2	1120.0	1062.0	-
		5	2710...	97.1	12	3	1959.0	1814.0	1605.0
		6	4959...	61.3	12	1	1197.0	-	-
		7	7193...	53.1	12	1	1391.0	-	-
		8	21188.0	54.8	12	1	1551.0	-	-
		9	2444...	81.5	12	2	1311.0	1244.0	-
		10	4671...	96.2	12	3	1301.0	1098.0	1125.0
		11	6915...	53.5	12	1	1709.0	-	-
		12	9152...	50.9	12	1	1463.0	-	-

Type 5 Radar Waveform_14

Downloa	13	Type 5	14	0.85...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2017...	58.6	13	1	1035.0	–	–
		1	4087...	74.7	13	2	1353.0	1073.0	–
		2	6154...	82.1	13	2	1276.0	1985.0	–
		3	8234...	81.1	13	2	1028.0	1286.0	–
		4	1754...	91.4	13	3	1439.0	1774.0	1341.0
		5	3830...	67.2	13	2	1495.0	1155.0	–
		6	5894...	88.1	13	3	1564.0	1265.0	1043.0
		7	7989...	53.9	13	1	1187.0	–	–
		8	1499...	89.8	13	3	1206.0	1788.0	1706.0
		9	3572...	73.2	13	2	1619.0	1712.0	–
		10	5645...	75.7	13	2	1743.0	1331.0	–
		11	7726...	58.8	13	1	1979.0	–	–
		12	1243...	85.6	13	3	1659.0	1679.0	1964.0
		13	3309...	88.4	13	3	1886.0	1650.0	1909.0

Type 5 Radar Waveform_15

Downloa	14	Type 5	8	1.50...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	9439...	84.7	5	3	1577.0	1164.0	1539.0
		1	1307...	70.4	5	2	1746.0	1332.0	–
		2	1740...	54.0	5	1	1489.0	–	–
		3	5376...	65.3	5	1	1146.0	–	–
		4	9007...	64.2	5	1	1789.0	–	–
		5	1264...	50.0	5	1	1862.0	–	–
		6	1293...	61.0	5	1	1082.0	–	–
		7	4914...	89.8	5	3	1567.0	1948.0	1825.0

Type 5 Radar Waveform_16

Downloa	15	Type 5	15	0.80...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4554...	72.9	14	2	1639.0	1287.0	–
		1	6495...	63.2	14	1	1957.0	–	–
		2	44867.0	92.5	14	3	1626.0	1684.0	1227.0
		3	2386...	53.0	14	1	1786.0	–	–
		4	4324...	59.9	14	1	1374.0	–	–
		5	6239...	90.8	14	3	1689.0	1468.0	1023.0
		6	21193.0	62.7	14	1	1165.0	–	–
		7	2147...	63.7	14	1	1676.0	–	–
		8	4083...	50.5	14	1	1843.0	–	–
		9	6023...	54.4	14	1	1245.0	–	–
		10	7961...	62.6	14	1	1176.0	–	–
		11	1902...	87.6	14	3	1485.0	1798.0	1383.0
		12	3839...	69.2	14	2	1597.0	1397.0	–
		13	5779...	65.7	14	1	1940.0	–	–
		14	7696...	98.3	14	3	1078.0	1270.0	1558.0

Type 5 Radar Waveform_17

Downloa	16	Type 5	8	1.50...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	3136...	57.3	5	1	1670.0	-	-
		1	6769...	65.6	5	1	1859.0	-	-
		2	1040...	60.1	5	1	1515.0	-	-
		3	1404...	60.3	5	1	1218.0	-	-
		4	2685...	70.5	5	2	1426.0	1759.0	-
		5	6316...	74.6	5	2	1919.0	1144.0	-
		6	9939...	94.7	5	3	1865.0	1303.0	1032.0
		7	1357...	69.0	5	2	1795.0	1632.0	-

Type 5 Radar Waveform_18

Downloa	17	Type 5	12	1.00...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1491...	70.8	10	2	1436.0	1384.0	-
		1	3905...	95.0	10	3	1067.0	1750.0	1202.0
		2	6333...	58.6	10	1	1963.0	-	-
		3	8750...	76.6	10	2	1027.0	1386.0	-
		4	1192...	82.7	10	2	1600.0	1879.0	-
		5	3615...	50.8	10	1	1933.0	-	-
		6	6038...	66.1	10	1	1506.0	-	-
		7	8446...	82.0	10	2	1835.0	1255.0	-
		8	89680.0	53.5	10	1	1501.0	-	-
		9	3308...	89.9	10	3	1128.0	1915.0	1422.0
		10	5730...	68.8	10	2	1349.0	1885.0	-
		11	8158...	51.7	10	1	1961.0	-	-

Type 5 Radar Waveform_19

Downloa	18	Type 5	12	1.00...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	59777.0	68.9	10	2	1042.0	1692.0	-
		1	3008...	88.7	10	3	1944.0	1627.0	1837.0
		2	5424...	88.4	10	3	1595.0	1268.0	1892.0
		3	7864...	57.2	10	1	1350.0	-	-
		4	29909.0	97.4	10	3	1887.0	1418.0	1930.0
		5	2713...	91.3	10	3	1136.0	1856.0	1469.0
		6	5135...	76.0	10	2	1129.0	1932.0	-
		7	7554...	72.7	10	2	1875.0	1103.0	-
		8	191.0	71.3	10	2	1797.0	1486.0	-
		9	2416...	96.2	10	3	1523.0	1327.0	1458.0
		10	4830...	98.1	10	3	1233.0	1540.0	1780.0
		11	7260...	69.1	10	2	1363.0	1004.0	-

Type 5 Radar Waveform_20

Downloa	19	Type 5	20	0.60...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5789...	69.0	20	2	1674.0	1695.0	–
		1	1271...	72.1	20	2	1596.0	1053.0	–
		2	2710...	96.7	20	3	1802.0	1556.0	1425.0
		3	4161...	99.7	20	3	1517.0	1095.0	1117.0
		4	5632...	54.0	20	1	1091.0	–	–
		5	1088...	89.8	20	3	1996.0	1574.0	1340.0
		6	2535...	90.6	20	3	1011.0	1699.0	1348.0
		7	3999...	65.2	20	1	1296.0	–	–
		8	5442...	78.3	20	2	1122.0	1147.0	–
		9	91298.0	94.3	20	3	1009.0	1051.0	1616.0
		10	2361...	71.6	20	2	1610.0	1387.0	–
		11	3817...	58.0	20	1	1725.0	–	–
		12	5271...	51.2	20	1	1404.0	–	–
		13	73780.0	64.1	20	1	1266.0	–	–
		14	2184...	80.1	20	2	1351.0	1520.0	–
		15	3639...	62.9	20	1	1703.0	–	–
		16	5068...	84.4	20	3	1454.0	1513.0	1370.0
		17	55815.0	72.5	20	2	1061.0	1044.0	–
		18	2010...	59.1	20	1	1378.0	–	–
		19	3439...	97.7	20	3	1736.0	1734.0	1851.0

Type 5 Radar Waveform_21

Downloa	20	Type 5	13	0.92...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	7567...	50.4	11	1	1283.0	–	–
		1	58488.0	64.0	11	1	1687.0	–	–
		2	2815...	79.4	11	2	1195.0	1955.0	–
		3	5042...	68.7	11	2	1840.0	1913.0	–
		4	7279...	77.3	11	2	1510.0	1373.0	–
		5	30963.0	52.8	11	1	1647.0	–	–
		6	2545...	62.9	11	1	1281.0	–	–
		7	4772...	79.3	11	2	1406.0	1525.0	–
		8	6986...	98.6	11	3	1863.0	1542.0	1869.0
		9	3432.0	71.9	11	2	1432.0	1365.0	–
		10	2261...	97.7	11	3	1713.0	1096.0	1908.0
		11	4497...	74.6	11	2	1248.0	1677.0	–
		12	6715...	97.0	11	3	1402.0	1946.0	1479.0

Type 5 Radar Waveform_22

Downloa	21	Type 5	20	0.60...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5799...	89.6	20	3	1369.0	1809.0	1285.0
		1	1296...	57.6	20	1	1017.0	–	–
		2	2746...	60.5	20	1	1620.0	–	–
		3	4197...	54.2	20	1	1570.0	–	–
		4	5647...	66.4	20	1	1688.0	–	–
		5	1113...	77.9	20	2	1816.0	1282.0	–
		6	2566...	63.7	20	1	1897.0	–	–
		7	3996...	99.4	20	3	1796.0	1818.0	1294.0
		8	5473...	53.6	20	1	1192.0	–	–
		9	93573.0	73.5	20	2	1298.0	1317.0	–
		10	2384...	74.7	20	2	1487.0	1055.0	–
		11	3834...	67.0	20	2	1222.0	1242.0	–
		12	5278...	80.3	20	2	1188.0	1801.0	–
		13	75846.0	55.9	20	1	1675.0	–	–
		14	2203...	83.3	20	2	1478.0	1824.0	–
		15	3659...	61.1	20	1	1806.0	–	–
		16	5111...	63.1	20	1	1768.0	–	–
		17	57666.0	88.3	20	3	1196.0	1868.0	1760.0
		18	2019...	98.8	20	3	1880.0	1323.0	1820.0
		19	3463...	87.1	20	3	1110.0	1769.0	1988.0

Type 5 Radar Waveform_23

Downloa	22	Type 5	19	0.63...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5191...	50.3	18	1	1873.0	–	–
		1	42163.0	68.7	18	2	1175.0	1247.0	–
		2	1950...	55.0	18	1	1508.0	–	–
		3	3463...	92.8	18	3	1717.0	1186.0	1308.0
		4	4994...	77.9	18	2	1584.0	1390.0	–
		5	23329.0	72.4	18	2	1705.0	1755.0	–
		6	1760...	51.1	18	1	1953.0	–	–
		7	3282...	76.8	18	2	1450.0	1516.0	–
		8	4821...	61.3	18	1	1158.0	–	–
		9	4576.0	66.6	18	1	1739.0	–	–
		10	1573...	56.3	18	1	1631.0	–	–
		11	3086...	96.6	18	3	1545.0	1807.0	1398.0
		12	4609...	97.1	18	3	1726.0	1502.0	1135.0
		13	6158...	61.1	18	1	1433.0	–	–
		14	1386...	61.7	18	1	1249.0	–	–
		15	2913...	56.5	18	1	1465.0	–	–
		16	4431...	69.5	18	2	1162.0	1756.0	–
		17	5971...	58.6	18	1	1394.0	–	–
		18	1194...	67.9	18	2	1764.0	1496.0	–

Type 5 Radar Waveform_24

Downloa	23	Type 5	9	1.33...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5748...	94.6	7	3	1728.0	1437.0	1357.0
		1	8970...	95.4	7	3	1388.0	1624.0	1576.0
		2	1219...	98.4	7	3	1773.0	1212.0	1467.0
		3	2129...	96.8	7	3	1664.0	1156.0	1236.0
		4	5351...	90.6	7	3	1931.0	1372.0	1130.0
		5	8591...	54.7	7	1	1839.0	–	–
		6	1182...	51.7	7	1	1565.0	–	–
		7	1730...	97.1	7	3	1833.0	1361.0	1827.0
		8	4953...	96.9	7	3	1724.0	1546.0	1366.0

Type 5 Radar Waveform_25

Downloa	24	Type 5	16	0.75...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4600...	79.7	15	2	1085.0	1347.0	–
		1	6414...	68.1	15	2	1174.0	1068.0	–
		2	74768.0	85.4	15	3	1770.0	1937.0	1784.0
		3	2557...	83.7	15	3	1442.0	1799.0	1069.0
		4	4361...	98.9	15	3	1660.0	1997.0	1435.0
		5	6176...	87.5	15	3	1328.0	1528.0	1235.0
		6	52582.0	96.6	15	3	1758.0	1941.0	1007.0
		7	2337...	70.9	15	2	1633.0	1701.0	–
		8	4159...	52.5	15	1	1392.0	–	–
		9	5960...	67.8	15	2	1637.0	1522.0	–
		10	30396.0	76.3	15	2	1213.0	1544.0	–
		11	2111...	94.1	15	3	1591.0	1752.0	1003.0
		12	3931...	76.7	15	2	1056.0	1079.0	–
		13	5731...	87.0	15	3	1629.0	1018.0	1359.0
		14	8055.0	88.1	15	3	1614.0	1414.0	1299.0
		15	1888...	87.0	15	3	1134.0	1672.0	1707.0

Type 5 Radar Waveform_26

Downloa	25	Type 5	17	0.70...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	3483...	67.1	16	2	1926.0	1438.0	-
		1	5184...	78.1	16	2	1966.0	1721.0	-
		2	6895...	70.0	16	2	1611.0	1354.0	-
		3	1571...	69.1	16	2	1333.0	1263.0	-
		4	3269...	94.3	16	3	1470.0	1272.0	1423.0
		5	4978...	76.7	16	2	1871.0	1379.0	-
		6	6669...	91.6	16	3	1480.0	1785.0	1310.0
		7	1364...	54.4	16	1	1005.0	-	-
		8	3064...	70.3	16	2	1693.0	1606.0	-
		9	4780...	54.1	16	1	1530.0	-	-
		10	6464...	91.8	16	3	1473.0	1499.0	1111.0
		11	1153...	51.9	16	1	1337.0	-	-
		12	2853...	71.9	16	2	1518.0	1922.0	-
		13	4569...	64.5	16	1	1599.0	-	-
		14	6247...	88.0	16	3	1923.0	1168.0	1872.0
		15	94084.0	76.1	16	2	1322.0	1583.0	-
		16	2645...	75.3	16	2	1157.0	1771.0	-

Type 5 Radar Waveform_27

Downloa	26	Type 5	17	0.70...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4360...	54.2	16	1	1269.0	-	-
		1	6036...	97.2	16	3	1572.0	1772.0	1836.0
		2	72911.0	93.2	16	3	1417.0	1846.0	1302.0
		3	2435...	81.2	16	2	1655.0	1194.0	-
		4	4141...	72.7	16	2	1403.0	1399.0	-
		5	5835...	97.7	16	3	1254.0	1429.0	1408.0
		6	52163.0	59.5	16	1	1822.0	-	-
		7	2228...	64.5	16	1	1975.0	-	-
		8	3922...	90.9	16	3	1449.0	1504.0	1364.0
		9	5644...	53.9	16	1	1803.0	-	-
		10	31161.0	51.7	16	1	1105.0	-	-
		11	2015...	82.4	16	2	1850.0	1288.0	-
		12	3724...	73.9	16	2	1190.0	1037.0	-
		13	5422...	67.8	16	2	1524.0	1776.0	-
		14	10098.0	58.4	16	1	1691.0	-	-
		15	1809...	60.3	16	1	1318.0	-	-
		16	3519...	59.8	16	1	1239.0	-	-

Type 5 Radar Waveform_28

Downloa	27	Type 5	9	1.33...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	9867...	73.4	7	2	1848.0	1555.0	-
		1	1309...	76.6	7	2	1172.0	1694.0	-
		2	3018...	81.8	7	2	1615.0	1855.0	-
		3	6245...	78.0	7	2	1969.0	1292.0	-
		4	9483...	52.6	7	1	1537.0	-	-
		5	1271...	52.9	7	1	1459.0	-	-
		6	2620...	76.5	7	2	1828.0	1882.0	-
		7	5848...	80.9	7	2	1464.0	1579.0	-
		8	9084...	63.3	7	1	1683.0	-	-

Type 5 Radar Waveform_29

Downloa	28	Type 5	13	0.92...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	8494...	94.7	11	3	1849.0	1440.0	1214.0
		1	1536...	95.8	11	3	1821.0	1512.0	1346.0
		2	3765...	94.6	11	3	1405.0	1456.0	1289.0
		3	5994...	99.1	11	3	1029.0	1509.0	1553.0
		4	8223...	88.1	11	3	1149.0	1800.0	1148.0
		5	1263...	79.8	11	2	1313.0	1917.0	-
		6	3501...	50.2	11	1	1377.0	-	-
		7	5727...	68.8	11	2	1668.0	1200.0	-
		8	7955...	72.5	11	2	1662.0	1719.0	-
		9	98723.0	89.9	11	3	1775.0	1735.0	1208.0
		10	3212...	94.9	11	3	1488.0	1945.0	1978.0
		11	5458...	55.7	11	1	1936.0	-	-
		12	7665...	94.5	11	3	1813.0	1730.0	1607.0

Type 5 Radar Waveform_30

Downloa	29	Type 5	19	0.63...	12.0...	5.50...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	48775.0	80.5	18	2	1601.0	1643.0	-
		1	2015...	60.4	18	1	1970.0	-	-
		2	3547...	54.5	18	1	1109.0	-	-
		3	5071...	53.3	18	1	1783.0	-	-
		4	30043.0	72.7	18	2	1167.0	1253.0	-
		5	1822...	89.9	18	3	1225.0	1031.0	1635.0
		6	3349...	72.1	18	2	1748.0	1226.0	-
		7	4860...	96.5	18	3	1259.0	1612.0	1834.0
		8	11206.0	86.3	18	3	1638.0	1382.0	1716.0
		9	1631...	83.4	18	3	1958.0	1012.0	1920.0
		10	3156...	91.7	18	3	1203.0	1385.0	1334.0
		11	4697...	62.0	18	1	1474.0	-	-
		12	6208...	91.1	18	3	1045.0	1013.0	1114.0
		13	1451...	61.3	18	1	1838.0	-	-
		14	2971...	94.4	18	3	1026.0	1050.0	1411.0
		15	4491...	97.4	18	3	1592.0	1335.0	1048.0
		16	6035...	51.5	18	1	1702.0	-	-
		17	1257...	94.2	18	3	1854.0	1107.0	1895.0
		18	2789...	66.7	18	2	1072.0	1015.0	-

Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
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
15	1	30	1
Detection Percentage (%)			100%

Type 5 Radar Waveform_1

0	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5624	5513	5554	5305	5628	
	5	5422	5470	5499	5407	5306	
	10	5485	5466	5478	5479	5420	
	15	5636	5661	5264	5720	5279	
	20	5649	5325	5596	5287	5386	
	25	5262	5389	5297	5321	5648	
	30	5476	5643	5274	5630	5599	
	35	5679	5398	5662	5269	5313	
	40	5498	5312	5416	5540	5647	
	45	5544	5388	5383	5434	5358	
	50	5586	5441	5412	5347	5322	
	55	5535	5683	5268	5589	5507	
	60	5428	5452	5433	5480	5259	
	65	5548	5551	5574	5304	5610	
	70	5424	5323	5403	5603	5587	
	75	5634	5365	5567	5353	5685	
	80	5688	5382	5578	5652	5655	
	85	5411	5343	5380	5584	5707	
	90	5296	5701	5283	5531	5446	
	95	5340	5465	5477	5570	5509	

Type 5 Radar Waveform_2

1	Type 6	1.0	333.3	9	0.3333	300....	2
	Frequen List (MHz)	0	1	2	3	4	
	0	5404	5277	5490	5466	5373	
	5	5464	5492	5574	5570	5513	
	10	5319	5255	5519	5674	5441	
	15	5724	5313	5367	5290	5658	
	20	5287	5718	5266	5685	5260	
	25	5652	5589	5592	5401	5355	
	30	5690	5462	5600	5489	5419	
	35	5343	5458	5422	5702	5337	
	40	5354	5683	5644	5473	5368	
	45	5395	5411	5317	5588	5398	
	50	5261	5530	5456	5543	5625	
	55	5423	5562	5645	5679	5380	
	60	5377	5520	5369	5253	5646	
	65	5634	5593	5681	5675	5573	
	70	5259	5252	5341	5526	5471	
	75	5256	5669	5564	5359	5408	
	80	5538	5283	5262	5547	5327	
	85	5655	5434	5351	5611	5346	
	90	5347	5587	5449	5632	5448	
	95	5660	5349	5267	5379	5499	

Type 5 Radar Waveform_3

2	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5659	5516	5426	5530	5690	
	5	5506	5514	5649	5258	5342	
	10	5250	5519	5560	5394	5462	
	15	5715	5440	5470	5335	5375	
	20	5673	5409	5682	5677	5708	
	25	5540	5538	5320	5602	5389	
	30	5354	5351	5557	5607	5556	
	35	5714	5385	5580	5254	5672	
	40	5616	5651	5575	5670	5448	
	45	5263	5305	5348	5549	5453	
	50	5464	5571	5289	5449	5500	
	55	5559	5474	5644	5400	5315	
	60	5444	5691	5624	5687	5678	
	65	5563	5570	5585	5466	5388	
	70	5484	5369	5262	5576	5317	
	75	5485	5593	5399	5650	5341	
	80	5505	5615	5306	5405	5283	
	85	5579	5604	5706	5301	5704	
	90	5598	5619	5627	5427	5288	
	95	5547	5720	5674	5697	5719	

Type 5 Radar Waveform_4

3	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5342	5280	5362	5691	5435	
	5	5645	5439	5724	5421	5549	
	10	5656	5308	5601	5492	5580	
	15	5328	5567	5573	5283	5681	
	20	5478	5720	5291	5331	5390	
	25	5523	5706	5326	5396	5715	
	30	5514	5347	5330	5437	5524	
	35	5671	5622	5350	5627	5490	
	40	5658	5608	5688	5260	5709	
	45	5632	5511	5517	5625	5447	
	50	5465	5500	5686	5382	5321	
	55	5357	5354	5505	5263	5268	
	60	5345	5666	5519	5509	5393	
	65	5626	5621	5676	5287	5441	
	70	5545	5293	5444	5409	5713	
	75	5542	5631	5593	5615	5572	
	80	5466	5402	5453	5661	5518	
	85	5570	5711	5569	5660	5455	
	90	5369	5544	5489	5707	5674	
	95	5525	5406	5391	5367	5718	

Type 5 Radar Waveform_5

4	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5597	5519	5298	5377	5277	
	5	5687	5461	5324	5584	5281	
	10	5490	5572	5264	5601	5416	
	15	5694	5579	5328	5284	5689	
	20	5644	5661	5283	5654	5717	
	25	5251	5335	5360	5438	5701	
	30	5471	5562	5482	5257	5663	
	35	5384	5418	5503	5541	5426	
	40	5363	5546	5453	5638	5308	
	45	5715	5472	5570	5415	5323	
	50	5641	5551	5300	5680	5265	
	55	5545	5695	5460	5714	5474	
	60	5665	5611	5448	5427	5455	
	65	5594	5575	5657	5508	5550	
	70	5468	5610	5628	5365	5652	
	75	5647	5403	5261	5588	5612	
	80	5273	5529	5302	5648	5564	
	85	5630	5331	5437	5614	5703	
	90	5567	5631	5578	5371	5719	
	95	5260	5254	5498	5423	5288	

Type 5 Radar Waveform_6

5	Type 6	1.0	333.3	9	0.3333	300....	5
	Frequen List (MHz)	0	1	2	3	4	
	0	5377	5283	5709	5538	5497	
	5	5254	5386	5399	5650	5585	
	10	5421	5458	5305	5407	5622	
	15	5504	5724	5682	5373	5476	
	20	5600	5713	5602	5372	5627	
	25	5582	5666	5357	5439	5394	
	30	5480	5590	5428	5302	5256	
	35	5455	5705	5475	5689	5278	
	40	5265	5446	5484	5596	5470	
	45	5288	5323	5530	5623	5674	
	50	5342	5389	5406	5587	5258	
	55	5262	5410	5279	5685	5506	
	60	5355	5556	5280	5350	5498	
	65	5417	5524	5718	5442	5271	
	70	5614	5465	5501	5362	5250	
	75	5381	5593	5525	5263	5433	
	80	5425	5592	5299	5564	5523	
	85	5402	5665	5387	5321	5467	
	90	5612	5631	5353	5277	5309	
	95	5579	5267	5597	5360	5722	

Type 5 Radar Waveform_7

6	Type 6	1.0	333.3	9	0.3333	300....	2
	Frequen List (MHz)	0	1	2	3	4	
	0	5632	5522	5645	5699	5339	
	5	5296	5408	5474	5338	5317	
	10	5255	5722	5346	5602	5643	
	15	5495	5376	5310	5418	5668	
	20	5608	5404	5543	5364	5600	
	25	5373	5518	5560	5640	5428	
	30	5619	5479	5385	5420	5275	
	35	5369	5566	5582	5431	5466	
	40	5579	5529	5422	5361	5251	
	45	5399	5646	5406	5588	5567	
	50	5453	5653	5478	5704	5531	
	55	5349	5691	5573	5656	5635	
	60	5520	5501	5587	5651	5444	
	65	5618	5473	5550	5712	5549	
	70	5279	5468	5350	5599	5321	
	75	5597	5302	5574	5689	5589	
	80	5277	5660	5467	5616	5270	
	85	5724	5585	5486	5513	5365	
	90	5294	5563	5694	5624	5700	
	95	5583	5572	5717	5253	5322	

Type 5 Radar Waveform_8

7	Type 6	1.0	333.3	9	0.3333	300....	5
	Frequen List (MHz)	0	1	2	3	4	
	0	5315	5286	5581	5385	5559	
	5	5435	5333	5549	5501	5524	
	10	5661	5511	5387	5322	5664	
	15	5583	5503	5413	5366	5616	
	20	5473	5453	5573	5261	5467	
	25	5288	5269	5462	5465	5342	
	30	5635	5657	5508	5378	5584	
	35	5380	5418	5612	5360	5601	
	40	5345	5706	5626	5489	5632	
	45	5454	5329	5694	5704	5527	
	50	5537	5645	5392	5530	5289	
	55	5685	5543	5419	5477	5390	
	60	5441	5422	5571	5285	5507	
	65	5352	5448	5586	5568	5674	
	70	5575	5280	5566	5621	5445	
	75	5555	5554	5386	5470	5656	
	80	5340	5293	5370	5458	5335	
	85	5710	5670	5497	5405	5651	
	90	5576	5395	5474	5311	5547	
	95	5592	5603	5328	5306	5526	

Type 5 Radar Waveform_9

8	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5570	5525	5517	5546	5401	
	5	5477	5355	5624	5664	5353	
	10	5592	5300	5428	5420	5685	
	15	5671	5630	5516	5411	5674	
	20	5527	5639	5522	5445	5319	
	25	5491	5373	5496	5703	5354	
	30	5299	5375	5334	5293	5647	
	35	5273	5649	5359	5294	5317	
	40	5298	5366	5342	5635	5606	
	45	5572	5607	5719	5680	5395	
	50	5280	5278	5350	5322	5250	
	55	5599	5408	5589	5501	5418	
	60	5488	5348	5400	5336	5642	
	65	5371	5399	5520	5669	5571	
	70	5426	5551	5714	5438	5266	
	75	5633	5331	5251	5345	5403	
	80	5290	5575	5370	5397	5676	
	85	5578	5648	5603	5341	5582	
	90	5655	5583	5425	5474	5628	
	95	5490	5485	5431	5504	5621	

Type 5 Radar Waveform_10

9	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5350	5289	5453	5707	5621	
	5	5519	5280	5699	5255	5560	
	10	5426	5564	5469	5615	5706	
	15	5284	5282	5522	5456	5391	
	20	5535	5708	5463	5534	5415	
	25	5646	5694	5477	5530	5367	
	30	5340	5256	5590	5583	5491	
	35	5689	5364	5445	5512	5305	
	40	5668	5400	5711	5509	5339	
	45	5586	5655	5665	5263	5606	
	50	5556	5571	5331	5551	5644	
	55	5438	5553	5598	5408	5472	
	60	5547	5540	5433	5701	5379	
	65	5465	5320	5643	5327	5669	
	70	5336	5574	5275	5527	5673	
	75	5407	5634	5614	5507	5466	
	80	5287	5392	5273	5714	5639	
	85	5622	5446	5675	5421	5423	
	90	5506	5588	5554	5537	5595	
	95	5442	5529	5612	5485	5464	

Type 5 Radar Waveform_11

10	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5605	5528	5389	5296	5463	
	5	5561	5302	5299	5418	5292	
	10	5357	5450	5510	5335	5252	
	15	5275	5312	5625	5404	5583	
	20	5543	5399	5501	5526	5492	
	25	5681	5595	5325	5581	5564	
	30	5409	5704	5688	5708	5311	
	35	5353	5552	5338	5665	5694	
	40	5507	5483	5274	5336	5396	
	45	5566	5263	5723	5316	5272	
	50	5382	5456	5374	5588	5626	
	55	5313	5702	5443	5676	5705	
	60	5475	5487	5527	5666	5269	
	65	5582	5634	5614	5286	5641	
	70	5674	5599	5406	5632	5279	
	75	5680	5619	5288	5673	5662	
	80	5587	5651	5556	5699	5339	
	85	5411	5629	5669	5621	5671	
	90	5594	5491	5322	5459	5584	
	95	5596	5383	5346	5637	5522	

Type 5 Radar Waveform_12

11	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5385	5389	5325	5457	5683	
	5	5700	5702	5374	5581	5596	
	10	5288	5714	5551	5530	5273	
	15	5363	5439	5253	5449	5300	
	20	5454	5565	5442	5615	5465	
	25	5569	5447	5528	5307	5598	
	30	5451	5593	5645	5448	5509	
	35	5606	5492	5643	5609	5440	
	40	5608	5346	5663	5490	5514	
	45	5333	5546	5684	5369	5283	
	50	5686	5433	5642	5672	5435	
	55	5339	5461	5503	5424	5317	
	60	5708	5395	5420	5319	5450	
	65	5271	5392	5693	5618	5356	
	70	5417	5455	5627	5677	5382	
	75	5591	5723	5529	5348	5576	
	80	5515	5254	5544	5265	5689	
	85	5659	5651	5495	5662	5434	
	90	5279	5680	5344	5361	5697	
	95	5525	5679	5338	5476	5639	

Type 5 Radar Waveform_13

12	Type 6	1.0	333.3	9	0.3333	300....	7
	Frequen List (MHz)	0	1	2	3	4	
	0	5543	5628	5261	5618	5525	
	5	5267	5724	5449	5269	5328	
	10	5597	5503	5689	5250	5294	
	15	5451	5566	5356	5494	5492	
	20	5462	5634	5383	5607	5438	
	25	5457	5396	5256	5411	5632	
	30	5590	5579	5602	5663	5283	
	35	5329	5534	5259	5405	5593	
	40	5619	5660	5271	5428	5657	
	45	5427	5526	5429	5325	5548	
	50	5562	5527	5484	5495	5379	
	55	5415	5693	5718	5288	5362	
	60	5560	5365	5626	5276	5314	
	65	5690	5642	5557	5676	5695	
	70	5710	5302	5675	5358	5550	
	75	5692	5649	5491	5292	5277	
	80	5656	5502	5554	5337	5722	
	85	5719	5639	5703	5464	5350	
	90	5493	5694	5661	5654	5682	
	95	5368	5540	5419	5348	5416	

Type 5 Radar Waveform_14

13	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5323	5392	5672	5304	5270	
	5	5309	5649	5427	5335	5535	
	10	5528	5292	5255	5348	5315	
	15	5539	5693	5459	5684	5470	
	20	5325	5421	5696	5411	5723	
	25	5515	5666	5632	5468	5559	
	30	5403	5435	5624	5673	5350	
	35	5298	5271	5533	5596	5354	
	40	5366	5422	5424	5561	5409	
	45	5512	5378	5438	5703	5345	
	50	5701	5618	5369	5408	5537	
	55	5259	5491	5250	5310	5555	
	60	5674	5260	5416	5591	5593	
	65	5518	5498	5305	5524	5334	
	70	5509	5564	5538	5544	5377	
	75	5581	5437	5653	5697	5457	
	80	5276	5685	5343	5587	5463	
	85	5362	5691	5709	5496	5346	
	90	5607	5274	5645	5552	5661	
	95	5374	5263	5631	5585	5569	

Type 5 Radar Waveform_15

14	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5578	5631	5608	5465	5587	
	5	5351	5671	5502	5498	5267	
	10	5362	5556	5296	5543	5336	
	15	5530	5345	5487	5401	5478	
	20	5394	5688	5384	5611	5575	
	25	5662	5619	5700	5674	5357	
	30	5516	5521	5684	5347	5337	
	35	5441	5569	5447	5435	5437	
	40	5304	5421	5490	5389	5595	
	45	5286	5431	5692	5404	5586	
	50	5434	5519	5645	5331	5701	
	55	5598	5356	5705	5620	5415	
	60	5352	5387	5500	5681	5714	
	65	5540	5629	5718	5313	5679	
	70	5293	5682	5405	5373	5310	
	75	5468	5533	5317	5680	5321	
	80	5282	5650	5514	5457	5593	
	85	5270	5438	5552	5639	5711	
	90	5657	5381	5715	5703	5568	
	95	5624	5329	5251	5450	5640	

Type 5 Radar Waveform_16

15	Type 6	1.0	333.3	9	0.3333	300....	2
	Frequen List (MHz)	0	1	2	3	4	
	0	5358	5395	5544	5626	5332	
	5	5490	5596	5577	5661	5571	
	10	5293	5442	5337	5263	5357	
	15	5618	5375	5568	5532	5593	
	20	5389	5560	5303	5302	5402	
	25	5524	5345	5259	5338	5343	
	30	5473	5261	5361	5642	5476	
	35	5629	5365	5674	5458	5274	
	40	5617	5717	5427	5418	5322	
	45	5369	5678	5344	5484	5587	
	50	5580	5637	5523	5342	5492	
	55	5519	5655	5691	5553	5579	
	60	5297	5694	5326	5627	5440	
	65	5489	5550	5680	5482	5462	
	70	5290	5408	5697	5286	5405	
	75	5437	5251	5500	5349	5563	
	80	5709	5360	5435	5708	5630	
	85	5420	5690	5387	5380	5546	
	90	5721	5467	5488	5641	5384	
	95	5710	5445	5522	5659	5575	

Type 5 Radar Waveform_17

16	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5516	5634	5480	5312	5649	
	5	5532	5618	5652	5349	5303	
	10	5699	5706	5378	5458	5502	
	15	5671	5577	5407	5397	5629	
	20	5341	5294	5330	5290	5376	
	25	5496	5449	5293	5380	5707	
	30	5430	5476	5610	5365	5518	
	35	5720	5636	5352	5372	5588	
	40	5700	5655	5570	5415	5251	
	45	5286	5402	5537	5377	5444	
	50	5281	5688	5709	5640	5436	
	55	5609	5406	5550	5306	5270	
	60	5717	5526	5724	5670	5263	
	65	5438	5604	5285	5475	5534	
	70	5276	5411	5546	5386	5374	
	75	5557	5394	5481	5253	5399	
	80	5513	5626	5547	5429	5250	
	85	5385	5644	5635	5675	5711	
	90	5501	5370	5689	5658	5439	
	95	5694	5343	5683	5479	5712	

Type 5 Radar Waveform_18

17	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5296	5398	5416	5376	5394	
	5	5574	5543	5252	5415	5510	
	10	5533	5495	5419	5653	5399	
	15	5319	5629	5299	5622	5599	
	20	5405	5320	5282	5383	5303	
	25	5556	5325	5699	5553	5327	
	30	5422	5596	5387	5691	5287	
	35	5660	5657	5336	5529	5602	
	40	5286	5524	5308	5496	5335	
	45	5412	5558	5329	5369	5363	
	50	5590	5264	5698	5457	5323	
	55	5463	5283	5420	5563	5666	
	60	5521	5435	5662	5358	5550	
	65	5616	5464	5640	5592	5270	
	70	5606	5262	5511	5298	5723	
	75	5721	5677	5440	5559	5505	
	80	5623	5655	5311	5544	5624	
	85	5263	5256	5442	5253	5598	
	90	5408	5401	5355	5438	5630	
	95	5297	5494	5678	5716	5710	

Type 5 Radar Waveform_19

18	Type 6	1.0	333.3	9	0.3333	300....	2
	Frequen List (MHz)	0	1	2	3	4	
	0	5551	5637	5352	5537	5711	
	5	5713	5565	5327	5578	5339	
	10	5464	5284	5460	5276	5420	
	15	5310	5281	5402	5570	5316	
	20	5389	5698	5375	5444	5652	
	25	5427	5657	5361	5582	5344	
	30	5334	5536	5480	5321	5325	
	35	5280	5297	5363	5391	5434	
	40	5575	5506	5487	5309	5452	
	45	5421	5643	5529	5574	5633	
	50	5315	5412	5664	5702	5608	
	55	5517	5311	5485	5492	5564	
	60	5600	5704	5287	5376	5562	
	65	5665	5336	5579	5366	5300	
	70	5723	5514	5622	5592	5682	
	75	5690	5700	5583	5540	5282	
	80	5258	5436	5374	5541	5641	
	85	5533	5694	5634	5693	5649	
	90	5656	5566	5472	5512	5335	
	95	5314	5549	5614	5362	5414	

Type 5 Radar Waveform_20

19	Type 6	1.0	333.3	9	0.3333	300....	4
	Frequen List (MHz)	0	1	2	3	4	
	0	5331	5401	5288	5698	5456	
	5	5280	5490	5402	5266	5546	
	10	5395	5548	5501	5471	5441	
	15	5398	5408	5615	5508	5324	
	20	5555	5261	5464	5724	5332	
	25	5504	5630	5383	5603	5301	
	30	5549	5688	5678	5363	5518	
	35	5596	5433	5686	5677	5571	
	40	5372	5340	5503	5416	5667	
	45	5535	5479	5599	5450	5334	
	50	5366	5487	5699	5682	5693	
	55	5290	5649	5594	5299	5605	
	60	5488	5285	5634	5432	5644	
	65	5614	5568	5641	5562	5345	
	70	5251	5521	5534	5368	5692	
	75	5437	5538	5636	5544	5472	
	80	5279	5254	5561	5429	5367	
	85	5409	5394	5444	5604	5268	
	90	5512	5719	5517	5695	5425	
	95	5478	5664	5684	5462	5519	

Type 5 Radar Waveform_21

20	Type 6	1.0	333.3	9	0.3333	300....	5
	Frequen List (MHz)	0	1	2	3	4	
	0	5586	5640	5699	5384	5298	
	5	5322	5512	5477	5429	5278	
	10	5704	5434	5639	5666	5462	
	15	5486	5438	5511	5660	5700	
	20	5332	5624	5677	5456	5697	
	25	5598	5453	5261	5487	5645	
	30	5457	5258	5289	5498	5502	
	35	5706	5489	5683	5600	5516	
	40	5654	5310	5483	5500	5723	
	45	5647	5618	5440	5652	5681	
	50	5326	5510	5417	5687	5493	
	55	5412	5425	5691	5501	5337	
	60	5347	5455	5594	5426	5551	
	65	5689	5709	5554	5369	5324	
	70	5350	5541	5317	5617	5320	
	75	5544	5531	5465	5297	5381	
	80	5473	5597	5356	5314	5717	
	85	5446	5526	5711	5470	5443	
	90	5348	5659	5252	5410	5698	
	95	5620	5418	5520	5690	5550	

Type 5 Radar Waveform_22

21	Type 6	1.0	333.3	9	0.3333	300....	6
	Frequen List (MHz)	0	1	2	3	4	
	0	5269	5404	5635	5545	5518	
	5	5364	5437	5552	5495	5582	
	10	5698	5680	5386	5483	5574	
	15	5565	5614	5608	5417	5718	
	20	5315	5618	5670	5486	5305	
	25	5464	5591	5463	5687	5346	
	30	5690	5504	5696	5641	5322	
	35	5285	5361	5611	5355	5262	
	40	5723	5497	5652	5627	5701	
	45	5498	5705	5568	5580	5686	
	50	5468	5301	5340	5600	5379	
	55	5406	5320	5308	5620	5539	
	60	5258	5523	5512	5658	5590	
	65	5676	5594	5628	5613	5303	
	70	5717	5547	5520	5559	5500	
	75	5585	5440	5466	5491	5254	
	80	5286	5660	5435	5551	5447	
	85	5631	5302	5541	5394	5450	
	90	5434	5489	5476	5380	5536	
	95	5462	5617	5333	5405	5616	

Type 5 Radar Waveform_23

22	Type 6	1.0	333.3	9	0.3333	300....	5
	Frequen List (MHz)	0	1	2	3	4	
	0	5524	5643	5571	5706	5360	
	5	5503	5459	5627	5658	5314	
	10	5566	5487	5721	5581	5504	
	15	5565	5692	5717	5653	5609	
	20	5251	5481	5559	5634	5277	
	25	5254	5667	5695	5400	5351	
	30	5710	5647	5622	5388	5516	
	35	5305	5413	5556	5514	5525	
	40	5291	5442	5661	5488	5494	
	45	5484	5607	5309	5283	5358	
	50	5456	5387	5519	5390	5334	
	55	5284	5313	5333	5499	5517	
	60	5279	5508	5310	5662	5349	
	65	5443	5713	5626	5411	5486	
	70	5431	5307	5289	5720	5396	
	75	5399	5518	5372	5705	5464	
	80	5718	5601	5510	5450	5723	
	85	5432	5271	5350	5570	5265	
	90	5258	5359	5659	5698	5654	
	95	5482	5414	5321	5674	5479	

Type 5 Radar Waveform_24

23	Type 6	1.0	333.3	9	0.3333	300....	6
	Frequen List (MHz)	0	1	2	3	4	
	0	5304	5407	5507	5392	5580	
	5	5545	5384	5702	5346	5521	
	10	5400	5276	5287	5679	5525	
	15	5653	5344	5345	5698	5326	
	20	5259	5550	5597	5626	5616	
	25	5640	5581	5395	5421	5434	
	30	5393	5696	5604	5362	5540	
	35	5714	5347	5504	5352	5667	
	40	5439	5605	5599	5631	5588	
	45	5413	5587	5517	5336	5720	
	50	5332	5563	5570	5479	5632	
	55	5606	5501	5689	5628	5637	
	60	5475	5526	5494	5650	5486	
	65	5536	5556	5565	5718	5281	
	70	5709	5379	5372	5375	5477	
	75	5341	5253	5629	5445	5495	
	80	5614	5291	5311	5429	5350	
	85	5412	5325	5450	5613	5374	
	90	5452	5488	5448	5678	5686	
	95	5496	5252	5301	5676	5538	

Type 5 Radar Waveform_25

24	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5559	5646	5443	5456	5422	
	5	5587	5406	5302	5509	5350	
	10	5331	5540	5328	5399	5546	
	15	5266	5471	5351	5268	5615	
	20	5645	5716	5538	5715	5589	
	25	5431	5433	5598	5525	5468	
	30	5435	5585	5561	5577	5314	
	35	5534	5486	5595	5720	5442	
	40	5450	5444	5608	5537	5396	
	45	5342	5567	5475	5575	5389	
	50	5510	5683	5264	5621	5665	
	55	5455	5550	5689	5404	5630	
	60	5599	5291	5640	5326	5573	
	65	5432	5262	5505	5601	5453	
	70	5551	5512	5548	5358	5348	
	75	5569	5436	5688	5373	5675	
	80	5426	5272	5724	5547	5681	
	85	5283	5253	5288	5545	5667	
	90	5664	5622	5650	5494	5385	
	95	5560	5320	5513	5307	5382	

Type 5 Radar Waveform_26

25	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5717	5410	5379	5617	5642	
	5	5629	5331	5377	5672	5557	
	10	5640	5329	5369	5594	5567	
	15	5354	5501	5454	5691	5332	
	20	5653	5310	5479	5707	5562	
	25	5319	5382	5704	5502	5574	
	30	5474	5518	5317	5466	5625	
	35	5686	5516	5595	5364	5283	
	40	5378	5636	5582	5649	5450	
	45	5558	5633	5345	5397	5462	
	50	5440	5279	5278	5402	5670	
	55	5449	5570	5420	5330	5513	
	60	5399	5463	5551	5540	5285	
	65	5443	5693	5620	5344	5351	
	70	5418	5327	5395	5657	5493	
	75	5343	5407	5524	5359	5328	
	80	5370	5534	5423	5478	5631	
	85	5668	5348	5262	5535	5618	
	90	5470	5674	5597	5419	5429	
	95	5530	5362	5366	5472	5660	

Type 5 Radar Waveform_27

26	Type 6	1.0	333.3	9	0.3333	300....	5
	Frequen List (MHz)	0	1	2	3	4	
	0	5497	5271	5315	5303	5484	
	5	5293	5353	5452	5263	5289	
	10	5571	5690	5410	5314	5588	
	15	5442	5628	5557	5261	5524	
	20	5661	5476	5517	5321	5535	
	25	5682	5709	5432	5258	5536	
	30	5616	5460	5475	5435	5715	
	35	5552	5667	5399	5312	5273	
	40	5278	5694	5396	5316	5401	
	45	5579	5578	5430	5641	5594	
	50	5398	5662	5338	5723	5368	
	55	5479	5341	5493	5527	5309	
	60	5646	5444	5549	5495	5458	
	65	5465	5700	5421	5286	5500	
	70	5576	5713	5496	5692	5427	
	75	5451	5645	5354	5529	5613	
	80	5389	5485	5679	5372	5584	
	85	5534	5597	5323	5673	5631	
	90	5510	5311	5357	5669	5643	
	95	5668	5364	5603	5356	5702	

Type 5 Radar Waveform_28

27	Type 6	1.0	333.3	9	0.3333	300....	6
	Frequen List (MHz)	0	1	2	3	4	
	0	5277	5510	5251	5464	5704	
	5	5335	5278	5527	5426	5593	
	10	5502	5479	5451	5509	5609	
	15	5433	5280	5660	5306	5716	
	20	5572	5545	5458	5313	5508	
	25	5473	5658	5635	5459	5570	
	30	5349	5432	5650	5392	5372	
	35	5331	5490	5680	5523	5289	
	40	5533	5254	5544	5576	5410	
	45	5724	5652	5549	5689	5317	
	50	5299	5457	5302	5663	5681	
	55	5481	5499	5465	5415	5581	
	60	5403	5394	5623	5367	5487	
	65	5449	5612	5327	5605	5386	
	70	5413	5454	5494	5657	5498	
	75	5636	5532	5466	5456	5482	
	80	5365	5601	5320	5393	5534	
	85	5371	5368	5416	5488	5529	
	90	5390	5550	5661	5472	5431	
	95	5268	5260	5391	5573	5516	

Type 5 Radar Waveform_29

28	Type 6	1.0	333.3	9	0.3333	300....	3
	Frequen List (MHz)	0	1	2	3	4	
	0	5532	5274	5662	5625	5449	
	5	5377	5300	5602	5589	5325	
	10	5336	5268	5607	5630	5521	
	15	5407	5288	5351	5433	5580	
	20	5711	5399	5402	5481	5361	
	25	5510	5363	5563	5604	5322	
	30	5713	5389	5390	5641	5570	
	35	5470	5581	5476	5676	5678	
	40	5372	5562	5667	5309	5670	
	45	5339	5332	5710	5504	5565	
	50	5493	5350	5546	5600	5394	
	55	5435	5689	5284	5386	5348	
	60	5701	5313	5310	5398	5551	
	65	5537	5400	5577	5458	5554	
	70	5343	5633	5272	5467	5281	
	75	5675	5447	5708	5495	5621	
	80	5290	5345	5317	5685	5437	
	85	5291	5334	5266	5333	5674	
	90	5664	5686	5694	5615	5327	
	95	5369	5659	5527	5415	5263	

Type 5 Radar Waveform_30

29	Type 6	1.0	333.3	9	0.3333	300....	2
	Frequen List (MHz)	0	1	2	3	4	
	0	5312	5513	5598	5311	5291	
	5	5419	5322	5677	5277	5532	
	10	5267	5630	5327	5651	5609	
	15	5534	5294	5299	5625	5588	
	20	5305	5437	5394	5454	5627	
	25	5362	5566	5667	5638	5364	
	30	5699	5346	5605	5318	5390	
	35	5672	5272	5354	5592	5686	
	40	5549	5268	5370	5415	5671	
	45	5557	5701	5344	5669	5401	
	50	5257	5423	5582	5389	5307	
	55	5481	5357	5515	5533	5372	
	60	5259	5511	5347	5587	5369	
	65	5670	5380	5385	5706	5339	
	70	5721	5428	5485	5402	5408	
	75	5314	5405	5608	5297	5361	
	80	5676	5628	5506	5384	5718	
	85	5251	5695	5399	5636	5596	
	90	5597	5591	5698	5505	5315	
	95	5427	5283	5280	5510	5381	

Product	WiFi 6 Extender	Test Engineer	Jake Lan
Test Site	WZ-SR4	Test Date	2021/05/26
Test Item	Radar Statistical Performance Check (802.11ac-VHT40 mode - 5510MHz)		
Test Mode	AP mode		

Radar Type 1 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5494.0	1.0	938	57	1
2	5503.0	1.0	738	72	1
3	5499.0	1.0	818	65	1
4	5508.0	1.0	598	89	1
5	5522.0	1.0	778	68	1
6	5496.0	1.0	638	83	1
7	5516.0	1.0	878	61	1
8	5509.0	1.0	618	86	1
9	5516.0	1.0	578	92	1
10	5518.0	1.0	3066	18	1
11	5498.0	1.0	758	70	1
12	5494.0	1.0	898	59	1
13	5528.0	1.0	718	74	1
14	5503.0	1.0	798	67	1
15	5529.0	1.0	838	63	1
16	5523.0	1.0	1734	31	1
17	5528.0	1.0	1661	32	1
18	5518.0	1.0	2991	18	1
19	5530.0	1.0	1027	52	1
20	5491.0	1.0	2384	23	1
21	5520.0	1.0	2850	19	1
22	5491.0	1.0	842	63	1
23	5515.0	1.0	1363	39	1
24	5498.0	1.0	1754	31	1
25	5501.0	1.0	589	90	1
26	5525.0	1.0	2262	24	1
27	5528.0	1.0	2594	21	1
28	5520.0	1.0	2856	19	1
29	5524.0	1.0	3041	18	1

30	5504.0	1.0	1479	36	1
Detection Percentage (%)					100.0%

Radar Type 2 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5513.0	1.1	175	23	1
2	5512.0	4.0	224	28	1
3	5510.0	3.3	204	27	1
4	5491.0	3.9	227	28	0
5	5499.0	2.0	226	24	1
6	5516.0	3.4	180	27	1
7	5522.0	1.3	156	23	1
8	5493.0	4.5	173	29	1
9	5493.0	2.6	168	25	1
10	5508.0	3.8	210	27	0
11	5492.0	5.0	218	29	1
12	5512.0	1.4	150	23	1
13	5494.0	4.5	179	29	1
14	5509.0	4.2	185	28	1
15	5501.0	1.6	217	24	1
16	5511.0	4.5	203	29	1
17	5528.0	3.3	154	26	1
18	5519.0	3.9	161	28	1
19	5525.0	2.8	170	26	1
20	5491.0	4.8	158	29	0
21	5515.0	3.2	206	26	1
22	5509.0	1.2	182	23	1
23	5495.0	4.2	216	28	1
24	5527.0	1.5	211	23	1
25	5528.0	2.1	222	25	1
26	5523.0	2.6	171	25	1
27	5507.0	4.4	163	28	1
28	5491.0	2.1	177	25	1
29	5513.0	1.3	215	23	1
30	5527.0	5.0	155	29	0
Detection Percentage (%)					86.7%

Radar Type 3 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5516.0	6.1	336	16	1
2	5526.0	9.0	329	18	1
3	5513.0	8.3	396	17	1
4	5503.0	8.9	417	18	1
5	5501.0	7.0	303	16	1
6	5497.0	8.4	426	17	1
7	5517.0	6.3	421	16	1
8	5505.0	9.5	214	18	1
9	5515.0	7.6	458	17	0
10	5501.0	8.8	444	18	0
11	5525.0	10.0	381	18	1
12	5509.0	6.4	389	16	1
13	5523.0	9.5	279	18	1
14	5492.0	9.2	284	18	0
15	5496.0	6.6	479	16	1
16	5523.0	9.5	335	18	1
17	5520.0	8.3	430	17	1
18	5491.0	8.9	325	18	1
19	5517.0	7.8	487	17	1
20	5513.0	9.8	215	18	1
21	5504.0	8.2	224	17	1
22	5499.0	6.2	223	16	1
23	5491.0	9.2	262	18	1
24	5526.0	6.5	350	16	0
25	5525.0	7.1	372	16	1
26	5502.0	7.6	419	17	1
27	5511.0	9.4	404	18	1
28	5517.0	7.1	354	16	1
29	5497.0	6.3	463	16	1
30	5525.0	10.0	216	18	1
Detection Percentage (%)					86.7%

Radar Type 4 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	Pulse Width (us)	PRI (us)	Pulses / Burst	1=Detection 0=No Detection
1	5511.0	11.3	336	14	1
2	5512.0	17.7	329	15	0
3	5515.0	16.2	396	14	1
4	5502.0	17.5	417	15	1
5	5495.0	13.4	303	13	1
6	5506.0	16.4	426	15	1
7	5529.0	11.8	421	12	1
8	5522.0	18.8	214	16	1
9	5492.0	14.7	458	14	1
10	5503.0	17.3	444	15	0
11	5512.0	19.8	381	16	1
12	5508.0	11.9	389	12	1
13	5492.0	18.8	279	16	1
14	5508.0	18.2	284	15	1
15	5511.0	12.5	479	12	1
16	5524.0	18.9	335	16	1
17	5498.0	16.1	430	14	1
18	5518.0	17.6	325	15	1
19	5493.0	15.0	487	14	0
20	5504.0	19.4	215	16	1
21	5497.0	15.9	224	14	1
22	5497.0	11.5	223	12	1
23	5523.0	18.3	262	16	1
24	5521.0	12.1	350	12	1
25	5511.0	13.6	372	13	1
26	5521.0	14.5	419	13	0
27	5526.0	18.5	404	16	0
28	5504.0	13.6	354	13	0
29	5503.0	11.7	463	12	1
30	5500.0	19.9	216	16	1
Detection Percentage (%)					80%

Note: In addition an average minimum percentage of successful detection across all four Short pulse radar test waveforms is as follows: $\frac{P_d1+P_d2+P_d3+P_d4}{4}$ = (100.0%+86.7%+86.7%+80.0%)/4 =88.35% (>80%)

Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
1	5510.0	1	16	5498.6	1
2	5510.0	1	17	5497.0	1
3	5510.0	1	18	5497.8	1
4	5510.0	1	19	5496.2	1
5	5510.0	1	20	5499.0	1
6	5510.0	0	21	5523.0	1
7	5510.0	1	22	5525.8	1
8	5510.0	1	23	5521.8	1
9	5510.0	1	24	5525.4	1
10	5510.0	1	25	5524.6	1
11	5499.0	1	26	5523.8	1
12	5494.6	1	27	5521.8	1
13	5498.6	1	28	5524.6	1
14	5498.2	1	29	5525.4	1
15	5495.0	1	30	5521.0	1
Detection Percentage (%)					96.7%

Type 5 Radar Waveform_1

Downloa	0	Type 5	8	1.50...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4135...	51.6	5	1	1166.0	-	-
		1	7755...	87.3	5	3	1755.0	1186.0	1281.0
		2	1138...	78.9	5	2	1685.0	1660.0	-
		3	5284.0	85.9	5	3	1960.0	1413.0	1924.0
		4	3686...	63.2	5	1	1642.0	-	-
		5	7313...	80.0	5	2	1608.0	1495.0	-
		6	1095...	54.7	5	1	1869.0	-	-
		7	1455...	93.3	5	3	1407.0	1808.0	1899.0

Type 5 Radar Waveform_2

Downloa	1	Type 5	17	0.70...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1519...	70.5	16	2	1595.0	1554.0	-
		1	3214...	84.8	16	3	1971.0	1245.0	1923.0
		2	4919...	98.9	16	3	1458.0	1596.0	1297.0
		3	6649...	55.2	16	1	1358.0	-	-
		4	1307...	93.2	16	3	1486.0	1014.0	1435.0
		5	3004...	89.7	16	3	1510.0	1922.0	1747.0
		6	4731...	58.4	16	1	1101.0	-	-
		7	6412...	93.8	16	3	1800.0	1109.0	1339.0
		8	1099...	78.3	16	2	1827.0	1261.0	-
		9	2796...	86.4	16	3	1829.0	1296.0	1844.0
		10	4514...	72.3	16	2	1070.0	1059.0	-
		11	6194...	96.6	16	3	1644.0	1845.0	1709.0
		12	88965.0	77.1	16	2	1366.0	1625.0	-
		13	2598...	53.2	16	1	1917.0	-	-
		14	4286...	90.2	16	3	1505.0	1819.0	1674.0
		15	6013...	56.3	16	1	1913.0	-	-
		16	68157.0	64.5	16	1	1016.0	-	-

Type 5 Radar Waveform_3

Downloa	2	Type 5	15	0.80...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2702...	69.8	14	2	1369.0	1963.0	-
		1	4623...	91.7	14	3	1412.0	1891.0	1925.0
		2	6582...	64.4	14	1	1452.0	-	-
		3	53338.0	54.2	14	1	1778.0	-	-
		4	2459...	99.4	14	3	1905.0	1255.0	1897.0
		5	4406...	63.5	14	1	1507.0	-	-
		6	6325...	75.1	14	2	1950.0	1760.0	-
		7	29396.0	83.6	14	3	1813.0	1469.0	1072.0
		8	2221...	90.0	14	3	1334.0	1980.0	1928.0
		9	4168...	50.6	14	1	1403.0	-	-
		10	6102...	56.5	14	1	1853.0	-	-
		11	5620.0	83.9	14	3	1652.0	1954.0	1707.0
		12	1989...	72.4	14	2	1904.0	1120.0	-
		13	3916...	91.1	14	3	1773.0	1258.0	1103.0
		14	5860...	79.4	14	2	1073.0	1190.0	-

Type 5 Radar Waveform_4

Downloa	3	Type 5	17	0.70...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	6863...	71.1	16	2	1784.0	1742.0	-
		1	1546...	66.1	16	1	1888.0	-	-
		2	3257...	53.3	16	1	1180.0	-	-
		3	4951...	77.1	16	2	1938.0	1338.0	-
		4	6671...	61.6	16	1	1630.0	-	-
		5	1332...	99.1	16	3	1319.0	1420.0	1057.0
		6	3044...	53.4	16	1	1749.0	-	-
		7	4729...	94.5	16	3	1591.0	1761.0	1814.0
		8	6449...	77.0	16	2	1448.0	1433.0	-
		9	1121...	91.9	16	3	1485.0	1949.0	1238.0
		10	2833...	59.2	16	1	1868.0	-	-
		11	4541...	62.8	16	1	1771.0	-	-
		12	6251...	55.2	16	1	1564.0	-	-
		13	91650.0	57.1	16	1	1460.0	-	-
		14	2625...	57.9	16	1	1437.0	-	-
		15	4318...	98.5	16	3	1021.0	1332.0	1508.0
		16	6019...	97.1	16	3	1005.0	1647.0	1405.0

Type 5 Radar Waveform_5

Downloa	4	Type 5	11	1.09...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1090...	72.5	9	2	1824.0	1317.0	-
		1	3730...	71.3	9	2	1419.0	1271.0	-
		2	6356...	93.5	9	3	1927.0	1542.0	1389.0
		3	8990...	88.4	9	3	1998.0	1603.0	1276.0
		4	76456.0	90.4	9	3	1337.0	1686.0	1205.0
		5	3400...	89.1	9	3	1116.0	1396.0	1514.0
		6	6041...	71.2	9	2	1832.0	1325.0	-
		7	8683...	71.3	9	2	1078.0	1620.0	-
		8	44060.0	73.8	9	2	1379.0	1169.0	-
		9	3079...	71.6	9	2	1224.0	1577.0	-
		10	5722...	53.1	9	1	1975.0	-	-

Type 5 Radar Waveform_6

Downloa	5	Type 5	15	0.80...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	6109...	89.1	14	3	1754.0	1570.0	1298.0
		1	8472.0	51.8	14	1	1397.0	-	-
		2	2021...	59.8	14	1	1314.0	-	-
		3	3956...	55.9	14	1	1775.0	-	-
		4	5875...	95.4	14	3	1654.0	1178.0	1274.0
		5	7807...	92.9	14	3	1590.0	1140.0	1159.0
		6	1778...	75.4	14	2	1599.0	1964.0	-
		7	3721...	61.0	14	1	1085.0	-	-
		8	5631...	99.9	14	3	1321.0	1880.0	1820.0
		9	7588...	63.0	14	1	1931.0	-	-
		10	1537...	94.8	14	3	1935.0	1822.0	1038.0
		11	3479...	65.4	14	1	1698.0	-	-
		12	5416...	66.3	14	1	1618.0	-	-
		13	7331...	97.2	14	3	1250.0	1300.0	1350.0
		14	1300...	87.4	14	3	1569.0	1637.0	1681.0

Type 5 Radar Waveform_7

Downloa	6	Type 5	9	1.33...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5408...	62.4	6	1	1305.0	-	-
		1	8621...	90.1	6	3	1132.0	1023.0	1943.0
		2	1187...	50.6	6	1	1280.0	-	-
		3	1778...	69.8	6	2	1095.0	1803.0	-
		4	5004...	76.5	6	2	1177.0	1692.0	-
		5	8236...	82.1	6	2	1034.0	1131.0	-
		6	1146...	52.2	6	1	1782.0	-	-
		7	1382...	59.4	6	1	1243.0	-	-
		8	4612...	61.3	6	1	1387.0	-	-

Type 5 Radar Waveform_8

Downloa	7	Type 5	19	0.63...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	3712...	51.1	18	1	1139.0	–	–
		1	5206...	97.6	18	3	1861.0	1973.0	1480.0
		2	46352.0	91.0	18	3	1468.0	1634.0	1206.0
		3	1986...	80.8	18	2	1735.0	1911.0	–
		4	3514...	77.0	18	2	1345.0	1543.0	–
		5	5040...	82.2	18	2	1043.0	1592.0	–
		6	27729.0	55.7	18	1	1662.0	–	–
		7	1798...	87.9	18	3	1061.0	1547.0	1427.0
		8	3325...	77.5	18	2	1028.0	1977.0	–
		9	4861...	50.2	18	1	1479.0	–	–
		10	8919.0	55.4	18	1	1077.0	–	–
		11	1613...	75.2	18	2	1896.0	1239.0	–
		12	3140...	82.0	18	2	1516.0	1039.0	–
		13	4670...	53.3	18	1	1909.0	–	–
		14	6181...	67.5	18	2	1918.0	1628.0	–
		15	1429...	62.3	18	1	1161.0	–	–
		16	2948...	81.7	18	2	1491.0	1851.0	–
		17	4466...	97.0	18	3	1204.0	1242.0	1666.0
		18	5987...	98.6	18	3	1074.0	1439.0	1711.0

Type 5 Radar Waveform_9

Downloa	8	Type 5	13	0.92...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1807...	84.1	11	3	1889.0	1902.0	1374.0
		1	4044...	77.8	11	2	1323.0	1488.0	–
		2	6282...	55.8	11	1	1881.0	–	–
		3	8498...	77.1	11	2	1967.0	1833.0	–
		4	1534...	91.3	11	3	1207.0	1615.0	1839.0
		5	3774...	53.0	11	1	1482.0	–	–
		6	5999...	76.7	11	2	1118.0	1962.0	–
		7	8232...	81.1	11	2	1536.0	1382.0	–
		8	1261...	70.7	11	2	1996.0	1821.0	–
		9	3498...	53.9	11	1	1722.0	–	–
		10	5714...	95.1	11	3	1370.0	1956.0	1430.0
		11	7959...	71.1	11	2	1040.0	1621.0	–
		12	98529.0	86.8	11	3	1260.0	1942.0	1667.0

Type 5 Radar Waveform_10

Downloa	9	Type 5	17	0.70...	12.0...	5.51...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2455...	92.5	16	3	1215.0	1237.0	1449.0
		1	4157...	98.5	16	3	1106.0	1629.0	1241.0
		2	5880...	54.7	16	1	1526.0	–	–
		3	54318.0	97.8	16	3	1287.0	1114.0	1983.0
		4	2254...	51.9	16	1	1156.0	–	–
		5	3948...	94.7	16	3	1348.0	1086.0	1504.0
		6	5650...	84.0	16	3	1019.0	1247.0	1764.0
		7	33406.0	67.7	16	2	1879.0	1568.0	–
		8	2044...	57.2	16	1	1167.0	–	–
		9	3751...	56.9	16	1	1579.0	–	–
		10	5443...	88.0	16	3	1143.0	1431.0	1006.0
		11	12458.0	66.1	16	1	1376.0	–	–
		12	1824...	91.7	16	3	1890.0	1461.0	1445.0
		13	3540...	62.2	16	1	1734.0	–	–
		14	5232...	80.4	16	2	1984.0	1846.0	–
		15	6934...	86.8	16	3	1688.0	1093.0	1137.0
		16	1618...	83.1	16	2	1244.0	1856.0	–

Type 5 Radar Waveform_11

Downloa	10	Type 5	20	0.60...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2828...	57.4	20	1	1751.0	-	-
		1	4260...	94.9	20	3	1588.0	1664.0	1221.0
		2	5702...	85.2	20	3	1728.0	1457.0	1540.0
		3	1200...	53.6	20	1	1083.0	-	-
		4	2643...	75.4	20	2	1635.0	1534.0	-
		5	4074...	83.6	20	3	1993.0	1847.0	1837.0
		6	5526...	95.3	20	3	1490.0	1574.0	1451.0
		7	1018...	70.5	20	2	1710.0	1265.0	-
		8	2460...	99.8	20	3	1920.0	1559.0	1037.0
		9	3916...	77.7	20	2	1372.0	1283.0	-
		10	5379...	50.3	20	1	1108.0	-	-
		11	84163.0	51.0	20	1	1901.0	-	-
		12	2280...	85.1	20	3	1830.0	1257.0	1790.0
		13	3725...	83.9	20	3	1727.0	1353.0	1519.0
		14	5185...	82.4	20	2	1731.0	1113.0	-
		15	66207.0	79.1	20	2	1631.0	1063.0	-
		16	2108...	68.6	20	2	1690.0	1498.0	-
		17	3557...	82.7	20	2	1102.0	1857.0	-
		18	4992...	83.5	20	3	1555.0	1181.0	1792.0
		19	48218.0	98.6	20	3	1658.0	1294.0	1529.0

Type 5 Radar Waveform_12

Downloa	11	Type 5	9	1.33...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4302...	69.8	6	2	1377.0	1958.0	-
		1	7536...	60.4	6	1	1900.0	-	-
		2	1074...	87.1	6	3	1999.0	1421.0	1053.0
		3	68047.0	62.9	6	1	1527.0	-	-
		4	3904...	80.9	6	2	1840.0	1648.0	-
		5	7134...	76.8	6	2	1277.0	1456.0	-
		6	1036...	70.9	6	2	1737.0	1096.0	-
		7	28232.0	67.8	6	2	1594.0	1249.0	-
		8	3512...	61.0	6	1	1470.0	-	-

Type 5 Radar Waveform_13

Downloa	12	Type 5	19	0.63...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	3175...	99.6	18	3	1422.0	1188.0	1770.0
		1	4696...	90.9	18	3	1898.0	1362.0	1172.0
		2	6219...	96.3	18	3	1216.0	1182.0	1831.0
		3	1467...	94.4	18	3	1538.0	1295.0	1130.0
		4	2990...	87.6	18	3	1184.0	1198.0	1557.0
		5	4512...	96.6	18	3	1160.0	1128.0	1641.0
		6	6055...	50.2	18	1	1748.0	-	-
		7	1276...	86.0	18	3	1811.0	1906.0	1944.0
		8	2807...	83.2	18	2	1286.0	1601.0	-
		9	4331...	67.0	18	2	1195.0	1772.0	-
		10	5868...	64.9	18	1	1593.0	-	-
		11	1097...	59.5	18	1	1515.0	-	-
		12	2618...	77.3	18	2	1478.0	1756.0	-
		13	4150...	52.2	18	1	1966.0	-	-
		14	5661...	66.9	18	2	1987.0	1788.0	-
		15	90530.0	83.7	18	3	1697.0	1275.0	1033.0
		16	2438...	66.6	18	1	1163.0	-	-
		17	3955...	72.2	18	2	1417.0	1617.0	-
		18	5485...	73.0	18	2	1001.0	1443.0	-

Type 5 Radar Waveform_14

Downloa	13	Type 5	18	0.66...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	76108.0	55.5	17	1	1269.0	–	–
		1	2363...	87.1	17	3	1560.0	1278.0	1759.0
		2	3982...	73.0	17	2	1217.0	1009.0	–
		3	5589...	79.5	17	2	1069.0	1706.0	–
		4	55954.0	97.0	17	3	1638.0	1714.0	1175.0
		5	2164...	88.2	17	3	1946.0	1473.0	1522.0
		6	3786...	63.3	17	1	1873.0	–	–
		7	5382...	97.1	17	3	1162.0	1299.0	1384.0
		8	36359.0	57.8	17	1	1122.0	–	–
		9	1971...	72.2	17	2	1986.0	1313.0	–
		10	3582...	72.7	17	2	1214.0	1582.0	–
		11	5188...	98.7	17	3	1324.0	1000.0	1030.0
		12	16472.0	62.7	17	1	1318.0	–	–
		13	1773...	77.5	17	2	1459.0	1838.0	–
		14	3390...	59.4	17	1	1606.0	–	–
		15	5002...	50.1	17	1	1740.0	–	–
		16	6593...	86.9	17	3	1444.0	1232.0	1268.0
		17	1578...	54.0	17	1	1929.0	–	–

Type 5 Radar Waveform_15

Downloa	14	Type 5	10	1.20...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5750...	56.7	7	1	1867.0	–	–
		1	8637...	97.5	7	3	1597.0	1171.0	1758.0
		2	1153...	87.3	7	3	1492.0	1895.0	1055.0
		3	2483...	82.2	7	2	1997.0	1464.0	–
		4	5379...	93.1	7	3	1733.0	1818.0	1267.0
		5	8271...	85.5	7	3	1939.0	1805.0	1948.0
		6	1120...	65.7	7	1	1646.0	–	–
		7	2127...	68.6	7	2	1680.0	1024.0	–
		8	5022...	89.1	7	3	1549.0	1567.0	1650.0
		9	7929...	92.6	7	3	1066.0	1133.0	1236.0

Type 5 Radar Waveform_16

Downloa	15	Type 5	19	0.63...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5702...	58.2	18	1	1655.0	–	–
		1	92976.0	70.1	18	2	1346.0	1127.0	–
		2	2454...	79.2	18	2	1098.0	1537.0	–
		3	3989...	64.3	18	1	1111.0	–	–
		4	5513...	54.5	18	1	1753.0	–	–
		5	73963.0	97.9	18	3	1600.0	1354.0	1371.0
		6	2272...	62.3	18	1	1209.0	–	–
		7	3794...	74.0	18	2	1196.0	1071.0	–
		8	5319...	76.6	18	2	1327.0	1062.0	–
		9	55458.0	61.4	18	1	1675.0	–	–
		10	2071...	99.4	18	3	1952.0	1801.0	1291.0
		11	3609...	56.2	18	1	1704.0	–	–
		12	5124...	74.3	18	2	1539.0	1781.0	–
		13	36479.0	99.6	18	3	1936.0	1282.0	1222.0
		14	1884...	92.5	18	3	1716.0	1720.0	1360.0
		15	3423...	63.7	18	1	1342.0	–	–
		16	4949...	60.5	18	1	1691.0	–	–
		17	17762.0	68.4	18	2	1797.0	1990.0	–
		18	1705...	52.1	18	1	1659.0	–	–

Type 5 Radar Waveform_17

Downloa	16	Type 5	15	0.80...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4090...	82.1	14	2	1969.0	1126.0	-
		1	6026...	67.8	14	2	1292.0	1494.0	-
		2	7973...	52.0	14	1	1359.0	-	-
		3	1920...	80.1	14	2	1380.0	1425.0	-
		4	3852...	79.7	14	2	1741.0	1344.0	-
		5	5796...	59.9	14	1	1573.0	-	-
		6	7714...	74.8	14	2	1679.0	1767.0	-
		7	1680...	85.7	14	3	1200.0	1309.0	1183.0
		8	3613...	73.4	14	2	1604.0	1744.0	-
		9	5534...	94.0	14	3	1170.0	1870.0	1945.0
		10	7463...	87.6	14	3	1826.0	1941.0	1087.0
		11	1447...	63.7	14	1	1150.0	-	-
		12	3375...	78.3	14	2	1884.0	1483.0	-
		13	5297...	99.1	14	3	1411.0	1440.0	1978.0
		14	7239...	70.8	14	2	1414.0	1937.0	-

Type 5 Radar Waveform_18

Downloa	17	Type 5	17	0.70...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1061...	88.8	16	3	1383.0	1363.0	1624.0
		1	2763...	87.7	16	3	1404.0	1194.0	1626.0
		2	4466...	93.1	16	3	1165.0	1220.0	1695.0
		3	6194...	58.4	16	1	1121.0	-	-
		4	85081.0	94.1	16	3	1586.0	1976.0	1798.0
		5	2565...	64.9	16	1	1065.0	-	-
		6	4269...	65.1	16	1	1933.0	-	-
		7	5957...	85.5	16	3	1528.0	1223.0	1424.0
		8	64348.0	73.5	16	2	1434.0	1794.0	-
		9	2348...	75.4	16	2	2000.0	1064.0	-
		10	4059...	54.6	16	1	1957.0	-	-
		11	5773...	50.4	16	1	1097.0	-	-
		12	43345.0	73.1	16	2	1717.0	1705.0	-
		13	2134...	87.8	16	3	1556.0	1089.0	1683.0
		14	3832...	89.8	16	3	1462.0	1651.0	1872.0
		15	5547...	79.4	16	2	1264.0	1836.0	-
		16	22357.0	75.0	16	2	1816.0	1672.0	-

Type 5 Radar Waveform_19

Downloa	18	Type 5	13	0.92...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2517...	97.4	12	3	1892.0	1739.0	1893.0
		1	4763...	66.4	12	1	1548.0	-	-
		2	6995...	57.0	12	1	1940.0	-	-
		3	1798.0	74.7	12	2	1912.0	1616.0	-
		4	2254...	56.1	12	1	1048.0	-	-
		5	4475...	90.0	12	3	1329.0	1612.0	1225.0
		6	6703...	99.6	12	3	1776.0	1211.0	1285.0
		7	8958...	54.3	12	1	1532.0	-	-
		8	1974...	79.8	12	2	1248.0	1584.0	-
		9	4214...	62.1	12	1	1060.0	-	-
		10	6430...	89.0	12	3	1804.0	1056.0	1168.0
		11	8666...	80.1	12	2	1520.0	1777.0	-
		12	1696...	89.1	12	3	1607.0	1084.0	1842.0

Type 5 Radar Waveform_20

Downloa	19	Type 5	20	0.60...	12.0...	5.49...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2544...	97.7	19	3	1563.0	1968.0	1025.0
		1	3999...	71.0	19	2	1036.0	1850.0	–
		2	5456...	57.1	19	1	1915.0	–	–
		3	92759.0	53.5	19	1	1032.0	–	–
		4	2376...	60.7	19	1	1903.0	–	–
		5	3829...	54.7	19	1	1499.0	–	–
		6	5267...	70.7	19	2	1703.0	1423.0	–
		7	74818.0	52.0	19	1	1409.0	–	–
		8	2195...	74.3	19	2	1484.0	1049.0	–
		9	3637...	87.3	19	3	1333.0	1031.0	1320.0
		10	5088...	66.9	19	2	1860.0	1303.0	–
		11	56825.0	82.3	19	2	1125.0	1441.0	–
		12	2016...	78.5	19	2	1436.0	1290.0	–
		13	3474...	54.7	19	1	1146.0	–	–
		14	4910...	75.0	19	2	1388.0	1684.0	–
		15	39066.0	59.4	19	1	1210.0	–	–
		16	1841...	51.6	19	1	1663.0	–	–
		17	3278...	98.0	19	3	1791.0	1155.0	1375.0
		18	4725...	83.6	19	3	1226.0	1552.0	1193.0
		19	21154.0	64.5	19	1	1862.0	–	–

Type 5 Radar Waveform_21

Downloa	20	Type 5	15	0.80...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2219...	62.6	13	1	1465.0	–	–
		1	4157...	66.4	13	1	1187.0	–	–
		2	6093...	61.9	13	1	1293.0	–	–
		3	4368.0	92.1	13	3	1763.0	1848.0	1176.0
		4	1973...	96.1	13	3	1385.0	1463.0	1614.0
		5	3914...	82.6	13	2	1010.0	1112.0	–
		6	5835...	97.8	13	3	1144.0	1500.0	1330.0
		7	7757...	93.5	13	3	1885.0	1787.0	1227.0
		8	1741...	54.0	13	1	1531.0	–	–
		9	3680...	64.3	13	1	1003.0	–	–
		10	5617...	52.8	13	1	1107.0	–	–
		11	7533...	76.2	13	2	1795.0	1632.0	–
		12	1503...	55.4	13	1	1545.0	–	–
		13	3430...	84.5	13	3	1015.0	1135.0	1489.0
		14	5364...	77.8	13	2	1585.0	1730.0	–

Type 5 Radar Waveform_22

Downloa	21	Type 5	8	1.50...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1369...	83.7	6	3	1392.0	1815.0	1018.0
		1	2369...	93.4	6	3	1189.0	1129.0	1736.0
		2	6004...	69.6	6	2	1266.0	1141.0	–
		3	9629...	77.1	6	2	1972.0	1474.0	–
		4	1325...	85.1	6	3	1022.0	1233.0	1828.0
		5	1925...	58.6	6	1	1965.0	–	–
		6	5553...	72.9	6	2	1246.0	1955.0	–
		7	9186...	73.0	6	2	1511.0	1312.0	–

Type 5 Radar Waveform_23

Downloa	22	Type 5	18	0.66...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	5682...	79.2	17	2	1415.0	1475.0	-
		1	65309.0	90.2	17	3	1454.0	1825.0	1378.0
		2	2258...	92.5	17	3	1878.0	1328.0	1447.0
		3	3873...	77.6	17	2	1410.0	1581.0	-
		4	5467...	85.3	17	3	1627.0	1779.0	1572.0
		5	45657.0	74.6	17	2	1124.0	1715.0	-
		6	2064...	95.0	17	3	1251.0	1029.0	1174.0
		7	3677...	78.2	17	2	1007.0	1669.0	-
		8	5298...	64.2	17	1	1361.0	-	-
		9	25875.0	55.3	17	1	1562.0	-	-
		10	1870...	65.5	17	1	1875.0	-	-
		11	3476...	76.5	17	2	1991.0	1153.0	-
		12	5084...	81.3	17	2	1877.0	1418.0	-
		13	6009.0	59.1	17	1	1185.0	-	-
		14	1672...	65.0	17	1	1907.0	-	-
		15	3285...	57.5	17	1	1762.0	-	-
		16	4889...	78.2	17	2	1340.0	1517.0	-
		17	6512...	56.9	17	1	1521.0	-	-

Type 5 Radar Waveform_24

Downloa	23	Type 5	9	1.33...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2950...	77.2	7	2	1115.0	1110.0	-
		1	6164...	98.1	7	3	1932.0	1865.0	1583.0
		2	9413...	60.0	7	1	1438.0	-	-
		3	1261...	84.5	7	3	1429.0	1367.0	1272.0
		4	2549...	90.7	7	3	1228.0	1203.0	1947.0
		5	5778...	76.9	7	2	1575.0	1315.0	-
		6	8994...	94.1	7	3	1310.0	1859.0	1270.0
		7	1223...	77.0	7	2	1149.0	1745.0	-
		8	2153...	91.4	7	3	1076.0	1020.0	1477.0

Type 5 Radar Waveform_25

Downloa	24	Type 5	11	1.09...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	4404...	66.0	9	1	1970.0	-	-
		1	7036...	82.1	9	2	1780.0	1525.0	-
		2	9681...	70.9	9	2	1119.0	1432.0	-
		3	1434...	98.6	9	3	1279.0	1653.0	1874.0
		4	4080...	55.8	9	1	1503.0	-	-
		5	6708...	89.7	9	3	1123.0	1506.0	1213.0
		6	9340...	93.4	9	3	1202.0	1501.0	1665.0
		7	1111...	82.8	9	2	1887.0	1725.0	-
		8	3755...	51.9	9	1	1571.0	-	-
		9	6396...	53.6	9	1	1718.0	-	-
		10	9035...	54.9	9	1	2000.0	-	-

Type 5 Radar Waveform_26

Downloa	25	Type 5	13	0.92...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	66629.0	62.4	11	1	1694.0	–	–
		1	2897...	68.9	11	2	1307.0	1513.0	–
		2	5137...	59.0	11	1	1273.0	–	–
		3	7339...	86.1	11	3	1678.0	1995.0	1849.0
		4	38987.0	88.7	11	3	1613.0	1750.0	1090.0
		5	2622...	70.8	11	2	1142.0	1589.0	–
		6	4844...	90.0	11	3	1806.0	1930.0	1017.0
		7	7099...	58.0	11	1	1151.0	–	–
		8	11548.0	96.5	11	3	1218.0	1619.0	1252.0
		9	2348...	74.6	11	2	1050.0	1231.0	–
		10	4577...	78.4	11	2	1611.0	1640.0	–
		11	6824...	62.0	11	1	1004.0	–	–
		12	9032...	98.9	11	3	1026.0	1852.0	1075.0

Type 5 Radar Waveform_27

Downloa	26	Type 5	18	0.66...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1493...	78.1	18	2	1622.0	1841.0	–
		1	3101...	81.5	18	2	1951.0	1668.0	–
		2	4718...	74.8	18	2	1068.0	1311.0	–
		3	6342...	63.0	18	1	1002.0	–	–
		4	1293...	94.7	18	3	1173.0	1682.0	1823.0
		5	2900...	99.5	18	3	1351.0	1496.0	1335.0
		6	4527...	65.6	18	1	1288.0	–	–
		7	6111...	83.6	18	3	1863.0	1254.0	1395.0
		8	1100...	58.3	18	1	1598.0	–	–
		9	2708...	83.2	18	2	1229.0	1609.0	–
		10	4318...	78.9	18	2	1677.0	1154.0	–
		11	5911...	96.2	18	3	1693.0	1992.0	1088.0
		12	89784.0	93.4	18	3	1858.0	1219.0	1466.0
		13	2516...	56.8	18	1	1051.0	–	–
		14	4126...	59.6	18	1	1757.0	–	–
		15	5720...	86.8	18	3	1523.0	1347.0	1044.0
		16	70030.0	87.9	18	3	1105.0	1442.0	1752.0
		17	2311...	76.3	18	2	1011.0	1835.0	–

Type 5 Radar Waveform_28

Downloa	27	Type 5	11	1.09...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	6435...	63.1	9	1	1676.0	–	–
		1	9075...	53.9	9	1	1886.0	–	–
		2	82565.0	73.2	9	2	1331.0	1067.0	–
		3	3457...	94.5	9	3	1408.0	1636.0	1864.0
		4	6111...	58.2	9	1	1381.0	–	–
		5	8730...	89.0	9	3	1393.0	1199.0	1713.0
		6	50018.0	73.9	9	2	1673.0	1336.0	–
		7	3135...	95.9	9	3	1145.0	1894.0	1148.0
		8	5778...	69.8	9	2	1398.0	1446.0	–
		9	8399...	86.9	9	3	1544.0	1766.0	1774.0
		10	17498.0	86.0	9	3	1812.0	1399.0	1045.0

Type 5 Radar Waveform_29

Downloa	28	Type 5	9	1.33...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	3440...	80.5	6	2	1524.0	1394.0	-
		1	6665...	66.8	6	2	1876.0	1455.0	-
		2	9886...	87.7	6	3	1134.0	1843.0	1046.0
		3	1312...	70.0	6	2	1138.0	1656.0	-
		4	3042...	72.0	6	2	1726.0	1566.0	-
		5	6268...	70.5	6	2	1610.0	1633.0	-
		6	9497...	74.4	6	2	1406.0	1355.0	-
		7	1273...	64.9	6	1	1959.0	-	-
		8	2644...	80.4	6	2	1926.0	1550.0	-

Type 5 Radar Waveform_30

Downloa	29	Type 5	20	0.60...	12.0...	5.52...			
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	2629...	88.1	20	3	1541.0	1796.0	1012.0
		1	4090...	52.4	20	1	1989.0	-	-
		2	5519...	88.1	20	3	1602.0	1472.0	1208.0
		3	1008...	71.3	20	2	1908.0	1365.0	-
		4	2461...	54.1	20	1	1981.0	-	-
		5	3898...	85.7	20	3	1284.0	1164.0	1533.0
		6	5353...	80.2	20	2	1054.0	1883.0	-
		7	83019.0	90.0	20	3	1081.0	1091.0	1157.0
		8	2276...	95.4	20	3	1058.0	1042.0	1343.0
		9	3736...	64.0	20	1	1373.0	-	-
		10	5167...	80.3	20	2	1871.0	1910.0	-
		11	65270.0	71.3	20	2	1326.0	1306.0	-
		12	2104...	58.6	20	1	1765.0	-	-
		13	3536...	98.3	20	3	1565.0	1687.0	1783.0
		14	5010...	65.2	20	1	1262.0	-	-
		15	47498.0	58.1	20	1	1699.0	-	-
		16	1922...	75.7	20	2	1352.0	1551.0	-
		17	3361...	83.6	20	3	1201.0	1341.0	1979.0
		18	4820...	73.2	20	2	1082.0	1580.0	-
		19	29505.0	85.9	20	3	1639.0	1259.0	1212.0

Radar Type 6 - Radar Statistical Performance

Trail #	1=Detection 0=No Detection	Trail #	1=Detection 0=No Detection
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
15	1	30	1
Detection Percentage (%)			100%

Type 5 Radar Waveform_1

0	Type 6	1.0	333.3	9	0.3333	300...	7
	Frequen List (MHz)	0	1	2	3	4	
	0	5552	5555	5350	5602	5510	
	5	5570	5336	5348	5288	5579	
	10	5424	5362	5693	5318	5257	
	15	5571	5279	5720	5383	5313	
	20	5696	5328	5454	5655	5470	
	25	5339	5334	5550	5305	5620	
	30	5373	5395	5293	5617	5637	
	35	5606	5663	5340	5721	5675	
	40	5580	5650	5325	5657	5714	
	45	5485	5365	5371	5440	5703	
	50	5530	5375	5370	5474	5448	
	55	5517	5479	5421	5583	5511	
	60	5393	5416	5691	5548	5275	
	65	5659	5398	5307	5390	5414	
	70	5368	5473	5529	5538	5447	
	75	5574	5532	5281	5527	5629	
	80	5723	5544	5516	5492	5460	
	85	5632	5534	5581	5359	5557	
	90	5250	5437	5292	5646	5308	
	95	5349	5644	5284	5666	5321	

Type 5 Radar Waveform_2

1	Type 6	1.0	333.3	9	0.3333	300....	9
	Frequen List (MHz)	0	1	2	3	4	
	0	5710	5319	5286	5288	5352	
	5	5612	5261	5423	5354	5408	
	10	5355	5723	5259	5416	5278	
	15	5562	5406	5348	5428	5505	
	20	5704	5397	5395	5647	5443	
	25	5702	5661	5506	5654	5649	
	30	5444	5330	5610	5445	5437	
	35	5679	5459	5493	5635	5514	
	40	5663	5588	5565	5546	5465	
	45	5448	5429	5396	5309	5551	
	50	5421	5660	5271	5461	5570	
	55	5375	5676	5264	5425	5581	
	60	5258	5643	5471	5318	5608	
	65	5434	5614	5692	5440	5629	
	70	5446	5652	5424	5605	5385	
	75	5504	5439	5607	5513	5474	
	80	5334	5542	5555	5597	5488	
	85	5257	5422	5494	5510	5701	
	90	5681	5328	5451	5367	5282	
	95	5403	5316	5577	5500	5662	

Type 5 Radar Waveform_3

2	Type 6	1.0	333.3	9	0.3333	300....	10
	Frequen List (MHz)	0	1	2	3	4	
	0	5490	5558	5697	5449	5572	
	5	5654	5283	5498	5517	5615	
	10	5286	5512	5300	5611	5299	
	15	5650	5436	5354	5473	5712	
	20	5563	5336	5261	5416	5590	
	25	5513	5481	5610	5688	5691	
	30	5333	5287	5253	5694	5257	
	35	5343	5410	5352	5646	5549	
	40	5450	5368	5526	5330	5651	
	45	5475	5445	5531	5390	5380	
	50	5660	5252	5472	5274	5308	
	55	5329	5391	5624	5710	5554	
	60	5271	5678	5297	5264	5389	
	65	5557	5373	5349	5552	5398	
	70	5609	5542	5632	5656	5365	
	75	5415	5675	5470	5586	5658	
	80	5495	5285	5506	5292	5510	
	85	5382	5377	5273	5505	5272	
	90	5465	5539	5426	5428	5528	
	95	5392	5423	5281	5455	5579	

Type 5 Radar Waveform_4

3	Type 6	1.0	333.3	9	0.3333	300....	9
	Frequen List (MHz)	0	1	2	3	4	
	0	5270	5322	5633	5610	5414	
	5	5696	5683	5573	5680	5347	
	10	5595	5301	5341	5331	5320	
	15	5263	5563	5457	5421	5623	
	20	5632	5374	5253	5389	5381	
	25	5462	5587	5714	5722	5258	
	30	5319	5719	5468	5371	5455	
	35	5482	5501	5560	5289	5451	
	40	5367	5473	5307	5425	5614	
	45	5448	5502	5645	5536	5428	
	50	5523	5363	5295	5252	5471	
	55	5283	5581	5443	5681	5436	
	60	5404	5695	5685	5687	5506	
	65	5409	5656	5676	5528	5257	
	70	5505	5466	5324	5287	5613	
	75	5567	5435	5508	5541	5670	
	80	5355	5507	5577	5377	5590	
	85	5565	5430	5493	5278	5672	
	90	5591	5434	5465	5274	5667	
	95	5440	5336	5439	5477	5664	

Type 5 Radar Waveform_5

4	Type 6	1.0	333.3	9	0.3333	300....	10
	Frequen List (MHz)	0	1	2	3	4	
	0	5525	5561	5569	5674	5634	
	5	5360	5705	5648	5368	5651	
	10	5526	5565	5382	5341	5351	
	15	5690	5560	5466	5606	5631	
	20	5323	5315	5342	5362	5269	
	25	5314	5343	5281	5397	5683	
	30	5676	5620	5275	5524	5592	
	35	5419	5574	5474	5603	5534	
	40	5305	5713	5267	5711	5405	
	45	5697	5506	5555	5532	5412	
	50	5604	5452	5593	5659	5712	
	55	5296	5640	5337	5601	5568	
	60	5521	5413	5552	5348	5391	
	65	5714	5479	5278	5514	5260	
	70	5354	5442	5283	5256	5440	
	75	5548	5590	5618	5322	5359	
	80	5418	5407	5297	5280	5529	
	85	5528	5559	5298	5544	5395	
	90	5537	5499	5301	5457	5520	
	95	5375	5546	5663	5583	5567	

Type 5 Radar Waveform_6

5	Type 6	1.0	333.3	9	0.3333	300....	12
	Frequen List (MHz)	0	1	2	3	4	
	0	5683	5325	5505	5360	5476	
	5	5402	5252	5723	5434	5383	
	10	5457	5354	5423	5721	5362	
	15	5342	5663	5511	5420	5639	
	20	5489	5256	5334	5335	5535	
	25	5263	5518	5544	5315	5439	
	30	5572	5633	5297	5473	5690	
	35	5388	5442	5617	5718	5478	
	40	5264	5640	5385	5305	5467	
	45	5608	5322	5666	5625	5541	
	50	5416	5372	5486	5459	5526	
	55	5466	5291	5610	5543	5347	
	60	5674	5614	5501	5384	5698	
	65	5509	5282	5447	5597	5678	
	70	5418	5717	5700	5560	5327	
	75	5529	5367	5631	5578	5523	
	80	5481	5404	5492	5658	5371	
	85	5588	5276	5498	5299	5446	
	90	5436	5313	5474	5504	5370	
	95	5525	5306	5565	5301	5546	

Type 5 Radar Waveform_7

6	Type 6	1.0	333.3	9	0.3333	300....	11
	Frequen List (MHz)	0	1	2	3	4	
	0	5463	5564	5441	5521	5696	
	5	5444	5652	5323	5597	5590	
	10	5291	5715	5464	5344	5383	
	15	5430	5469	5556	5612	5550	
	20	5558	5294	5423	5308	5721	
	25	5648	5349	5481	5541	5546	
	30	5293	5327	5396	5583	5502	
	35	5399	5281	5322	5656	5718	
	40	5261	5472	5268	5388	5525	
	45	5661	5684	5542	5676	5252	
	50	5617	5365	5560	5620	5278	
	55	5497	5595	5456	5555	5375	
	60	5270	5437	5450	5420	5433	
	65	5304	5519	5363	5527	5297	
	70	5572	5680	5373	5510	5619	
	75	5266	5359	5641	5401	5687	
	80	5658	5688	5551	5371	5606	
	85	5549	5547	5413	5611	5470	
	90	5422	5491	5501	5488	5504	
	95	5394	5601	5660	5513	5669	

Type 5 Radar Waveform_8

7	Type 6	1.0	333.3	9	0.3333	300....	9
	Frequen List (MHz)	0	1	2	3	4	
	0	5718	5425	5377	5682	5538	
	5	5583	5674	5398	5285	5419	
	10	5697	5504	5602	5539	5404	
	15	5518	5499	5297	5329	5558	
	20	5724	5710	5415	5281	5689	
	25	5442	5449	5277	5383	5523	
	30	5447	5547	5698	5491	5466	
	35	5487	5379	5655	5313	5692	
	40	5405	5594	5386	5258	5401	
	45	5723	5471	5617	5474	5418	
	50	5657	5252	5341	5440	5309	
	55	5651	5574	5391	5475	5468	
	60	5627	5621	5500	5304	5571	
	65	5566	5638	5399	5359	5265	
	70	5671	5266	5688	5569	5463	
	75	5279	5273	5635	5541	5703	
	80	5516	5396	5376	5615	5704	
	85	5561	5611	5563	5503	5320	
	90	5708	5301	5555	5434	5605	
	95	5556	5641	5497	5324	5280	

Type 5 Radar Waveform_9

8	Type 6	1.0	333.3	9	0.3333	300....	8
	Frequen List (MHz)	0	1	2	3	4	
	0	5498	5664	5313	5368	5283	
	5	5625	5599	5473	5448	5626	
	10	5531	5293	5643	5259	5425	
	15	5606	5400	5549	5521	5566	
	20	5318	5651	5504	5254	5577	
	25	5391	5555	5381	5417	5662	
	30	5336	5496	5472	5311	5508	
	35	5578	5650	5333	5702	5488	
	40	5532	5352	5708	5703	5554	
	45	5544	5670	5361	5294	5358	
	50	5303	5430	5263	5631	5364	
	55	5528	5484	5342	5281	5542	
	60	5611	5397	5609	5461	5348	
	65	5395	5475	5466	5285	5603	
	70	5724	5594	5413	5659	5648	
	75	5389	5396	5443	5292	5699	
	80	5464	5469	5574	5658	5439	
	85	5568	5431	5441	5440	5543	
	90	5622	5553	5539	5365	5600	
	95	5522	5278	5462	5418	5505	

Type 5 Radar Waveform_10

9	Type 6	1.0	333.3	9	0.3333	300....	7
	Frequen List (MHz)	0	1	2	3	4	
	0	5278	5428	5724	5529	5600	
	5	5667	5621	5548	5514	5358	
	10	5462	5557	5684	5454	5446	
	15	5597	5503	5594	5713	5477	
	20	5484	5689	5496	5702	5465	
	25	5718	5283	5582	5451	5704	
	30	5322	5461	5711	5624	5606	
	35	5647	5669	5543	5583	5616	
	40	5370	5668	5470	5391	5349	
	45	5637	5683	5602	5723	5626	
	50	5534	5354	5519	5561	5575	
	55	5552	5482	5674	5588	5313	
	60	5410	5476	5487	5443	5320	
	65	5555	5662	5297	5334	5307	
	70	5347	5638	5469	5452	5700	
	75	5553	5382	5468	5705	5453	
	80	5328	5499	5652	5607	5355	
	85	5295	5419	5464	5311	5634	
	90	5375	5404	5508	5719	5251	
	95	5631	5664	5475	5639	5666	

Type 5 Radar Waveform_11

10	Type 6	1.0	333.3	9	0.3333	300....	8
	Frequen List (MHz)	0	1	2	3	4	
	0	5436	5667	5660	5690	5345	
	5	5709	5546	5623	5677	5662	
	10	5393	5346	5250	5552	5467	
	15	5685	5405	5606	5542	5430	
	20	5485	5553	5630	5585	5675	
	25	5256	5486	5686	5271	5418	
	30	5354	5398	5329	5311	5285	
	35	5339	5261	5627	5684	5276	
	40	5631	5566	5663	5720	5301	
	45	5513	5424	5710	5705	5287	
	50	5422	5265	5389	5407	5284	
	55	5539	5641	5432	5275	5621	
	60	5501	5721	5370	5517	5628	
	65	5625	5526	5624	5569	5676	
	70	5512	5254	5588	5373	5434	
	75	5580	5609	5433	5674	5515	
	80	5292	5614	5367	5597	5567	
	85	5272	5559	5492	5449	5321	
	90	5670	5412	5582	5664	5656	
	95	5521	5335	5701	5331	5540	

Type 5 Radar Waveform_12

11	Type 6	1.0	333.3	9	0.3333	300....	6
	Frequen List (MHz)	0	1	2	3	4	
	0	5691	5431	5596	5279	5662	
	5	5373	5568	5698	5365	5394	
	10	5702	5707	5291	5272	5488	
	15	5298	5532	5709	5587	5622	
	20	5493	5719	5571	5577	5648	
	25	5619	5519	5689	5315	5410	
	30	5672	5375	5569	5550	5624	
	35	5450	5473	5610	5414	5541	
	40	5620	5359	5724	5299	5343	
	45	5398	5643	5328	5621	5354	
	50	5303	5300	5411	5456	5319	
	55	5585	5366	5453	5293	5579	
	60	5604	5255	5668	5331	5377	
	65	5679	5544	5447	5686	5670	
	70	5406	5349	5520	5428	5695	
	75	5572	5528	5555	5471	5611	
	80	5419	5512	5357	5363	5578	
	85	5289	5334	5270	5567	5657	
	90	5712	5513	5265	5647	5486	
	95	5676	5446	5367	5295	5301	

Type 5 Radar Waveform_13

12	Type 6	1.0	333.3	9	0.3333	300....	10
	Frequen List (MHz)	0	1	2	3	4	
	0	5471	5670	5532	5440	5407	
	5	5415	5493	5298	5528	5601	
	10	5633	5496	5332	5467	5509	
	15	5386	5562	5715	5632	5339	
	20	5404	5313	5609	5666	5621	
	25	5410	5371	5417	5419	5553	
	30	5452	5561	5309	5324	5347	
	35	5492	5564	5406	5664	5455	
	40	5459	5442	5662	5539	5340	
	45	5327	5623	5411	5679	5665	
	50	5651	5587	5507	5408	5688	
	55	5641	5722	5294	5423	5604	
	60	5700	5511	5370	5490	5412	
	65	5619	5345	5559	5315	5292	
	70	5596	5672	5377	5531	5430	
	75	5570	5256	5257	5470	5527	
	80	5286	5626	5270	5506	5620	
	85	5379	5580	5513	5682	5383	
	90	5724	5312	5356	5586	5703	
	95	5537	5558	5360	5639	5449	

Type 5 Radar Waveform_14

13	Type 6	1.0	333.3	9	0.3333	300....	8
	Frequen List (MHz)	0	1	2	3	4	
	0	5251	5434	5468	5601	5724	
	5	5457	5515	5373	5691	5430	
	10	5564	5285	5662	5530	5377	
	15	5689	5343	5677	5628	5412	
	20	5479	5550	5658	5594	5298	
	25	5320	5523	5587	5494	5450	
	30	5667	5524	5476	5642	5631	
	35	5655	5299	5342	5466	5622	
	40	5600	5304	5634	5506	5262	
	45	5363	5455	5288	5558	5497	
	50	5706	5632	5257	5676	5484	
	55	5717	5575	5354	5661	5364	
	60	5671	5436	5710	5568	5381	
	65	5391	5585	5679	5675	5701	
	70	5507	5389	5539	5376	5608	
	75	5474	5386	5270	5326	5283	
	80	5346	5648	5348	5680	5571	
	85	5448	5518	5286	5665	5341	
	90	5310	5417	5606	5419	5329	
	95	5411	5570	5444	5640	5281	

Type 5 Radar Waveform_15

14	Type 6	1.0	333.3	9	0.3333	300....	9
	Frequen List (MHz)	0	1	2	3	4	
	0	5409	5673	5404	5287	5469	
	5	5499	5440	5448	5282	5637	
	10	5398	5549	5414	5382	5551	
	15	5465	5341	5446	5625	5345	
	20	5420	5548	5491	5272	5567	
	25	5564	5647	5251	5724	5621	
	30	5633	5436	5624	5642	5250	
	35	5365	5295	5271	5570	5495	
	40	5380	5612	5705	5538	5447	
	45	5431	5563	5486	5577	5698	
	50	5416	5342	5306	5464	5609	
	55	5586	5432	5479	5445	5630	
	60	5674	5439	5546	5483	5351	
	65	5309	5650	5594	5517	5320	
	70	5601	5477	5690	5533	5665	
	75	5300	5550	5348	5508	5496	
	80	5276	5455	5638	5507	5283	
	85	5389	5280	5541	5643	5666	
	90	5413	5472	5534	5485	5506	
	95	5316	5354	5391	5528	5346	

Type 5 Radar Waveform_16

15	Type 6	1.0	333.3	9	0.3333	300....	6
	Frequen List (MHz)	0	1	2	3	4	
	0	5664	5437	5340	5448	5311	
	5	5638	5462	5523	5445	5369	
	10	5329	5338	5552	5480	5572	
	15	5553	5468	5549	5670	5537	
	20	5331	5714	5432	5264	5540	
	25	5452	5596	5454	5353	5655	
	30	5675	5325	5581	5382	5402	
	35	5660	5337	5362	5366	5648	
	40	5294	5451	5313	5476	5687	
	45	5428	5492	5466	5281	5469	
	50	5607	5657	5640	5297	5255	
	55	5423	5633	5584	5292	5258	
	60	5517	5612	5516	5254	5482	
	65	5420	5425	5259	5356	5433	
	70	5272	5493	5605	5651	5303	
	75	5399	5459	5307	5380	5616	
	80	5322	5436	5318	5490	5288	
	85	5447	5261	5551	5604	5703	
	90	5383	5683	5671	5388	5273	
	95	5637	5460	5521	5635	5397	