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Report No.: 2302TW0116-U4 Report Version: 1.0 Issue Date: 2023-08-23

DFS MEASUREMENT REPORT

FCC ID : 2AXJ4AIRR5

Applicant: TP-Link Corporation Limited

Application Type: Certification

Product: AX3000 Wi-Fi 6 Air Router

Model No. : Archer Air R5

Brand Name : tp-link

FCC Classification: Unlicensed National Information Infrastructure (NII)

FCC Rule Part(s): Part 15 Subpart E - 15.407 Section (h)(2)

Type of Device: Master Device

Received Date : February 24, 2023

Test Date : March 3, 2023 ~ August 9, 2023

Tested By : Peter Syu

(Peter Syu)

Reviewed By : Paddy Chen

(Paddy Chen)

Approved By : Amy her

(Chenz Ker)





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.

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



Revision History

Report No.	Version	Description	Issue Date	Note
2302TW0116-U4	1.0	Original Report	2023-08-23	Valid

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General Information

Applicant	TP-Link Corporation Limited		
Applicant Address	Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hongkong		
Manufacturer	TP-Link Corporation Limited		
Test Site	MRT Technology (Taiwan) Co., Ltd		
Test Site Address	No. 38, Fuxing Second Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C)		
MRT FCC Registration No.	291082		
FCC Rule Part(s)	Part 15.407		

Test Facility / Accreditations

- **1.** MRT facility is a FCC registered (Reg. No. 291082) test facility with the site description report on file and is designated by the FCC as an Accredited Test Firm.
- 2. MRT facility is an IC registered (MRT Reg. No. 21723) test laboratory with the site description on file at Industry Canada.
- 3. MRT Lab is accredited to ISO 17025 by the Taiwan Accreditation Foundation (TAF Cert. No. 3261) in EMC, Telecommunications and Radio testing for FCC (Designation Number: TW3261), Industry Canada, EU and TELEC Rules.

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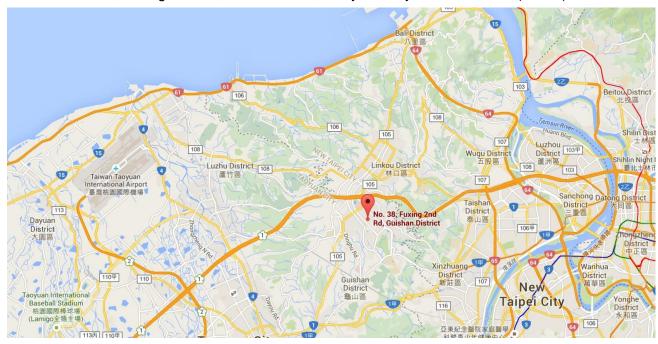
1. INTRODUCTION

1.1. Scope

Measurement and determination of electromagnetic emissions (EMC) of radio frequency devices including intentional and/or unintentional radiators for compliance with the technical rules and regulations of the Federal Communications Commission and the Innovation, Science and Economic Development Canada and Certification and Engineering Bureau.

1.2. MRT Test Location

The map below shows the location of the MRT LABORATORY, its proximity to the Taoyuan City. These measurement tests were conducted at the MRT Technology (Taiwan) Co., Ltd. Facility located at No.38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 33377, Taiwan (R.O.C).





2. PRODUCT INFORMATION

2.1. Equipment Description

Product Name:	AX3000 Wi-Fi 6 Air Router				
Model No.:	Archer Air R5				
Brand Name:	p-link				
Wi-Fi Specification:	802.11a/b/g/n/ac/ax				
EUT Identification No.:	#1-3 (DFS)				
Accessory	Accessory				
	MODEL: T120200-2B7				
Adapter	INPUT: 100 - 240V ~ 50/60Hz 0.8A.				
Λααριοι	OUTPUT: DC 12.0V 2.0A				
	DC 5.0 2.0A				

2.2. Product Specification Subjective to this Report

	For 802.11a/n-HT20/ac-VHT20/ax-HE20:			
	5260~5320 MHz, 5500~5720MHz			
	For 802.11n-HT40/ac-VHT40/ax-HE40:			
Fraguency Bongo:	5270~5310 MHz, 5510~5710MHz			
Frequency Range:	For 802.11ac-VHT80/ax-HE80:			
	5290MHz, 5530MHz, 5610MHz, 5690MHz			
	For 802.11ac-VHT160/ax-HE160:			
	5250MHz, 5570MHz			
Type of Modulation:	802.11a/n/ac: OFDM,			
Type of Modulation.	802.11ax: OFDMA			
TPC mechanism:	Support (Details refer to operational description)			
Power-on cycle:	Requires 64.3 seconds to complete its power-on cycle			
	For the 5250-5350MHz and 5470-5725 MHz bands, the Master device			
Uniform Spreading (For	provides, on aggregate, uniform loading of the spectrum across all devices			
DFS Frequency Band):	by selecting an operating channel among the available channels using a			
	random algorithm.			

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2.3. Operating Frequency and Channel List for this Report

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

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

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

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

802.11ac-VHT80/ax-HE80

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

802.11ac-VHT160/ax-HE160

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

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2.4. Description of Available Antennas

Antenna	Frequency	T _X Paths	Max Antenna Gain	Beamforming Directional Gain	CDD Direction	nal Gain (dBi)
Type	Band				For Power	For PSD
	(MHz)		(dBi)	(dBi)		
Wi-Fi 2.4G						
Dipole	2412 ~ 2462	2	2.00	5.01	2.00	5.01
Wi-Fi 5G (Ho	rizonal Antenna)					
	5150 ~ 5250	2	1.27	4.28	1.27	4.28
Dipole	5250 ~ 5350	2	1.66	4.67	1.66	4.67
	5470 ~ 5850	2	2.50	5.51	2.50	5.51
Wi-Fi 5G (Ve	Wi-Fi 5G (Vertical Antenna)					
	5150 ~ 5250	2	2.05	5.06	2.05	5.06
Dipole	5250 ~ 5350	2	1.56	4.57	1.56	4.57
	5470 ~ 5850	2	2.50	5.51	2.50	5.51

Notes:

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

If all antennas have the same gain, GANT, Directional gain = GANT + Array Gain, where Array Gain is as follows.

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

Array Gain = 10 log (NANT/ NSS) dB;

• For power measurements on IEEE 802.11 devices,

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

- 2. The EUT also supports Beam Forming mode, and the Beam Forming support 802.11ac/ax, not include 802.11a/b/g/n. BF Directional gain = G_{ANT} + $10 log (N_{ANT})$.
- 3. Horizontal antenna and Vertical antenna do not support simultaneous transmissions.
- 4. The Messages as above is from the antenna specifications.

Test Mode	T _X Paths	CDD Mode	Beamforming Mode
802.11b/g/n (DTS)	2	$\sqrt{}$	X
802.11ax (DTS)	2	$\sqrt{}$	$\sqrt{}$
802.11a/n (NII)	2	V	X
802.11ac/ax (NII)	2	V	V

Note: "√" means "Support", "X" means "Not support".



2.5. Test Channels for this Report

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

2.6. Test Mode

Wake the Lot communicate with notebook at Dr o chamic	Test Mode	Make the EUT communicate with notebook at DFS channel
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Note: due to the same one Wi-Fi 5G chip was used for the horizontal and vertical antennas and the conducted test method was used in DFS test in this report, so only the ports of vertical antenna were selected for the test.

2.7. Applied Standards

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

- FCC Part15 Subpart E (Section 15.407 Section (h)(2))
- KDB 905462 D02v02
- KDB 905462 D04v01

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3. DFS DETECTION THRESHOLDS AND RADAR TEST WAVEFORMS

3.1. Applicability

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

Requirement	Operational Mode					
	Master Client Without Client With		Client With Radar			
		Radar Detection	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	Master Device or Client	Client Without Radar	
with multiple bandwidth modes	with Radar Detection	Detection	
U-NII Detection Bandwidth and	All BW modes must be	Not required	
Statistical Performance Check	tested		
Channel Move Time and Channel	Test using widest BW	Test using the widest BW	
Closing Transmission Time	mode available	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

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3.2. DFS Devices Requirements

Per FCC KDB 905462 D02 UNII 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 $5250 \sim 5350$ MHz and $5470 \sim 5725$ MHz bands. DFS is not required in the $5150 \sim 5250$ MHz or $5725 \sim 5825$ 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
Charmer wove Time	See Note 1.
	200 milliseconds + an aggregate of 60
Channel Closing Transmission Time	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 May a Time and the Chann	al Clasing Transmission Time should be performed with

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.



Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

Table 3-3: DFS Response Requirements

3.3. DFS Detection Threshold Values

The DFS detection thresholds are defined for Master devices and Client Devices with In-service monitoring. These detection thresholds are listed in the following table.

Maximum Transmit Power	Value
	(See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and	-62 dBm
power spectral density < 10 dBm/MHz	
EIRP < 200 milliwatt that do not meet the power	-64 dBm
spectral density requirement	

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

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3.4. Parameters of DFS Test Signals

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

Short Pulse Radar Test Waveforms

Radar	Pulse	PRI	Number of Pulses	Minimum	Minimum
Туре	Width	(µsec)		Percentage of	Number of
	(µsec)			Successful	Trials
	(/			Detection	
				Detection	
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique		60%	30
		PRI values randomly	$\left \left(\frac{1}{2c_0}\right)\right $.		
		selected from the list	Roundup $\left\{ \begin{pmatrix} 360 \\ 12, 106 \end{pmatrix} \right\}$		
		of 23 PRI values in	$\left \left(\frac{19 \cdot 10^6}{\text{PDI}} \right) \right $		
		Table 3-6	[(PRI _{usec})]		
		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 Typ	pes 1-4)		80%	120

Note 1: 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

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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

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Long Pulse Radar Test Waveform

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

Table 3-7: Parameters for Long Pulse Radar Waveforms

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

Frequency Hopping Radar Test Waveform

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

Table 3-8: Parameters for Frequency Hopping Radar Waveforms

For the Frequency Hopping Radar Type, the same Burst parameters are used for each waveform.

The hopping sequence is different for each waveform and a 100-length segment is selected from the hopping sequence defined by the following algorithm:

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



3.5. Conducted Test Setup

The FCC KDB 905462 D02 UNII 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.

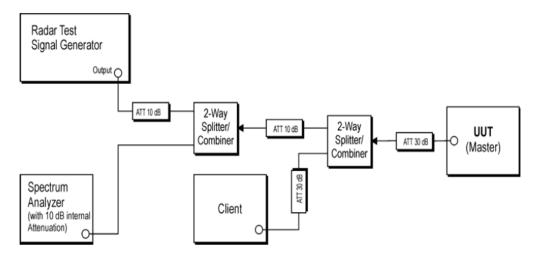


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

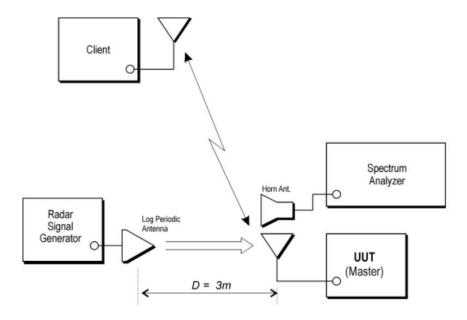


Figure 3-2: Radiated Test Setup where UUT is a Master and Radar Test Waveforms are injected into the UUT



4. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (DFS)

Instrument	Manufacturer	Type No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2023/12/21
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2024/7/19
Vector Signal Generator	Keysight	N5182B	MRTTWA00010	1 year	2024/5/22
Combiner	WOKEN	0120A04208001S	MRTTWE00008	1 year	2024/6/15

Client Information

Instrument	Manufacturer	Type No.	Certification Number
Wi-Fi Module	Intel	AX200NGW	FCC ID: PD9AX200NG

Software	Version	Manufacturer	Function		
Pulse Building(N7607B)	V3.0.0	Keysight	Radar Signal Generation Software		
DFS Tool	V6.7	Keysight	DFS Test Software		

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5. TEST RESULT

5.1. Summary

Parameter	Limit	Test Result	Reference
UNII Detection Bandwidth Measurement	Refer Table 3-3	Pass	Section 5.3
Initial Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.4
Radar Burst at the Beginning of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.5
Radar Burst at the End of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.6
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Refer Table 3-3	Pass	Section 5.7
Non-Occupancy Period	Refer Table 3-3	Pass	Section 5.7
Statistical Performance Check	Refer Table 3-3	Pass	Section 5.8

Note:

1) Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.

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5.2. Radar Waveform Calibration

5.2.1. Calibration Setup

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

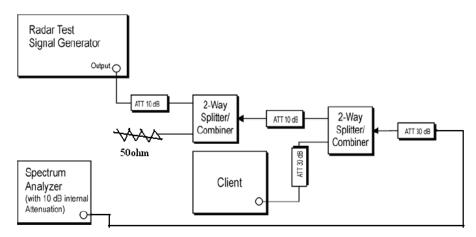
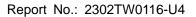


Figure 3-2: Conducted Test Setup

5.2.2. Calibration Procedure

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

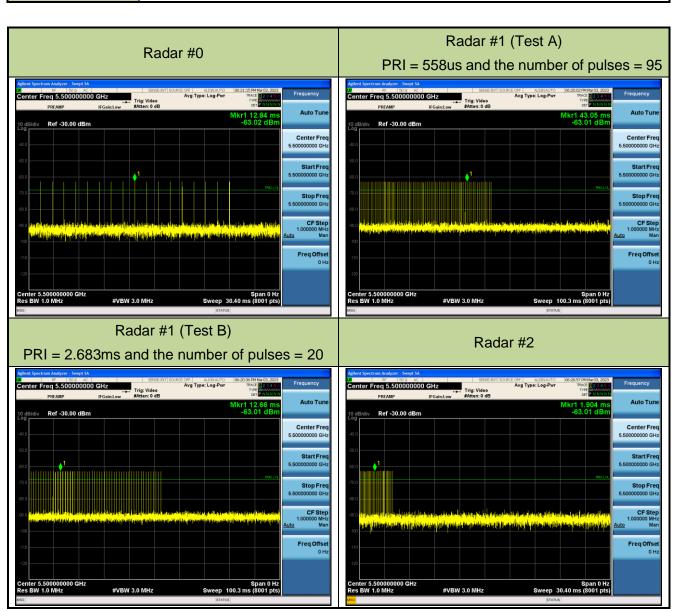
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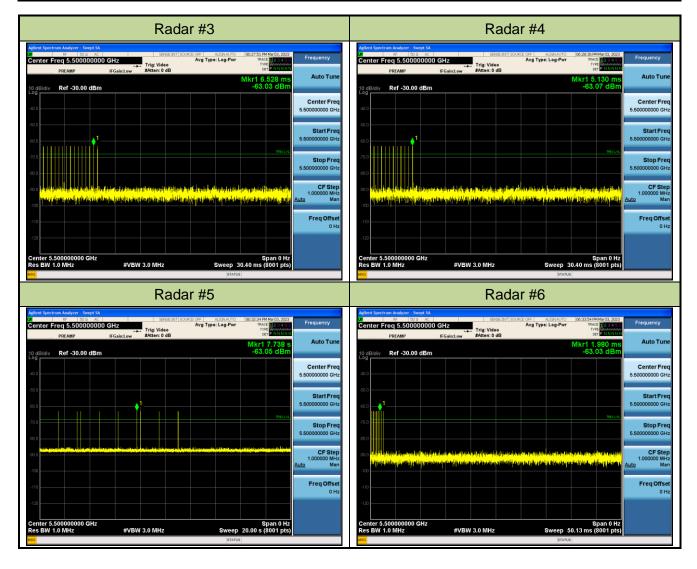


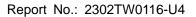
5.2.3. Calibration Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR6	Test Date	2023/03/03
Test Item	Radar Waveform Calibration		





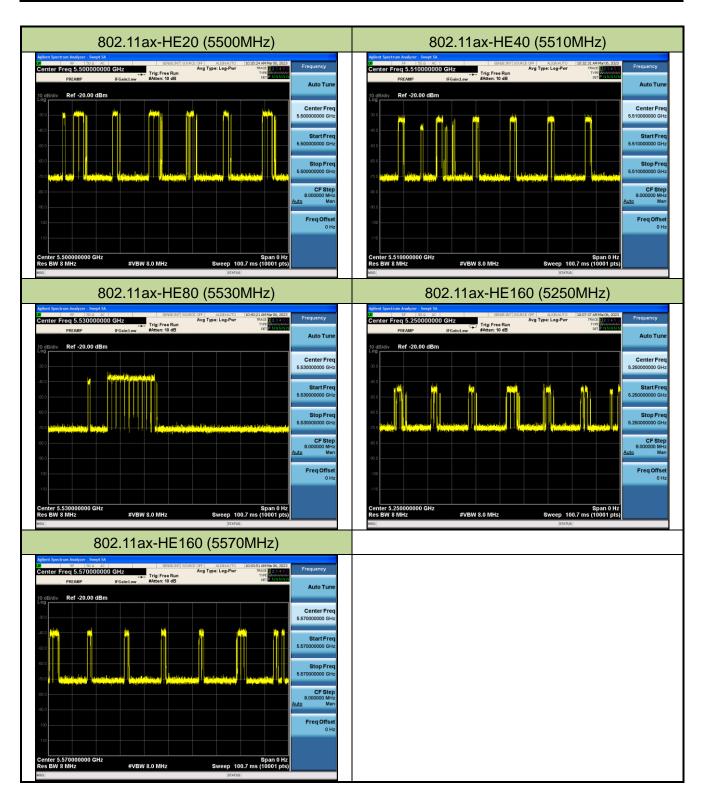






5.2.4. Channel Loading Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR6	Test Date	2023/03/06
Test Item	Channel Loading		





Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	21.37%	≥ 17%	Pass
802.11ax-HE40	5510 MHz	17.1%	≥ 17%	Pass
802.11ax-HE80	5530 MHz	19.3%	≥ 17%	Pass
802.11ax-HE160	5250 MHz	20.8%	≥ 17%	Pass
802.11ax-HE160	5570 MHz	18.2%	≥ 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).

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5.3. UNII Detection Bandwidth Measurement

5.3.1. Test Limit

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

5.3.2. Test Procedure

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



5.3.3. Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	22°C							
Test Engineer	Peter	Relative Humidity	55%							
Test Site	SR5	Test Date	2023/3/10							
Test Item	Detection Bandwidth (802.11ax-HE20 mode - 5500MHz) - Master Mode									

Radar Frequency			DF	S Dete	ection	Trials	(1=D	etectio	on, 0=	No D	etection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100%
5490.5 FL	1	1	1	1	1	1	1	1	1	1	100%
5491	1	1	1	1	1	1	1	1	1	1	100%
5492	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1	100%
5494	1	1	1	1	1	1	1	1	1	1	100%
5495	1	1	1	1	1	1	1	1	1	1	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5506	1	1	1	1	1	1	1	1	1	1	100%
5507	1	1	1	1	1	1	1	1	1	1	100%
5508	1	1	1	1	1	1	1	1	1	1	100%
5509	1	1	1	1	1	1	1	1	1	1	100%
5509.5 FH	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz. The 99% channel bandwidth is 18.870MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5509.5MHz - 5490.5MHz = 19MHz

Note 3: NII Detection Bandwidth Min. Limit (MHz): 18.870MHz x 100% = 18.870MHz.

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Product	AX3000 Wi-Fi 6 Air Router	Temperature	22°C							
Test Engineer	Peter	Relative Humidity	55%							
Test Site	SR5	Test Date	2023/3/10							
Test Item	Detection Bandwidth (802.11ax-HE40 mode - 5510MHz) - Master Mode									

Radar Frequency			DF	S Dete	ection	Trials	(1=D	etectio	on, 0=	No D	etection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100%
5491 FL	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 FH	1	1	1	1	1	1	1	1	1	1	100%
5530	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz. The 99% channel bandwidth is 37.720MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5529MHz - 5491MHz = 38MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 37.720MHz x 100% = 37.720MHz.



Product	AX3000 Wi-Fi 6 Air Router	Temperature	22°C							
Test Engineer	Peter	Relative Humidity 55%								
Test Site	SR5	Test Date	2023/3/10							
Test Item	Detection Bandwidth (802.11ax-HE80 mode - 5530MHz) - Master Mode									

Radar Frequency			DF	S Dete	ection	Trials	(1=De	etectic	on, 0=	No D	etection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100%
5491 FL	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 FH	1	1	1	1	1	1	1	1	1	1	100%
5570	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 76.800MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5569MHz - 5491MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 76.800MHz x 100% = 76.800MHz.



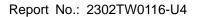
Product	AX3000 Wi-Fi 6 Air Router	Temperature	22°C				
Test Engineer	Peter	Relative Humidity	55%				
Test Site	SR5	Test Date	2023/3/10				
Test Item	Detection Bandwidth (802.11ax-H160 mode - 5250MHz) - Master Mode						

Radar Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5249	1	1	1	1	1	1	1	1	1	1	100%
5250 FL	1	1	1	1	1	1	1	1	1	1	100%
5251	1	1	1	1	1	1	1	1	1	1	100%
5252	1	1	1	1	1	1	1	1	1	1	100%
5253	1	1	1	1	1	1	1	1	1	1	100%
5254	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328FH	1	1	1	1	1	1	1	1	1	1	100%
5329	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz. The 99% channel bandwidth is 154.580MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5328MHz - 5250MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 154.580MHz x 100% / 2 = 77.290MHz.





Product	AX3000 Wi-Fi 6 Air Router	Temperature	22°C				
Test Engineer	Peter	Relative Humidity	55%				
Test Site	SR5	Test Date	2023/3/10				
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5570MHz) - Master Mode						

Radar Frequency			DF	S Dete	ection	Trials	(1=D	etectic	on, 0=	No D	etection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5490	1	1	1	1	1	1	1	1	1	1	100%
5491 FL	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%
5570	1	1	1	1	1	1	1	1	1	1	100%
5575	1	1	1	1	1	1	1	1	1	1	100%
5580	1	1	1	1	1	1	1	1	1	1	100%
5585	1	1	1	1	1	1	1	1	1	1	100%
5590	1	1	1	1	1	1	1	1	1	1	100%
5595	1	1	1	1	1	1	1	1	1	1	100%
5600	1	1	1	1	1	1	1	1	1	1	100%
5605	1	1	1	1	1	1	1	1	1	1	100%
5610	1	1	1	1	1	1	1	1	1	1	100%
5615	1	1	1	1	1	1	1	1	1	1	100%
5620	1	1	1	1	1	1	1	1	1	1	100%

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5625	1	1	1	1	1	1	1	1	1	1	100%
5630	1	1	1	1	1	1	1	1	1	1	100%
5635	1	1	1	1	1	1	1	1	1	1	100%
5640	1	1	1	1	1	1	1	1	1	1	100%
5645	1	1	1	1	1	1	1	1	1	1	100%
5646	1	1	1	1	1	1	1	1	1	1	100%
5647	1	1	1	1	1	1	1	1	1	1	100%
5648	1	1	1	1	1	1	1	1	1	1	100%
5649 FH	1	1	1	1	1	1	1	1	1	1	100%
5650	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz. The 99% channel bandwidth is 154.720MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5649MHz - 5491MHz = 158MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 154.720MHz x 100% = 154.720MHz.

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Product	AX3000 Wi-Fi 6 Air Router	Temperature	26°C				
Test Engineer	Peter	Relative Humidity	54%				
Test Site	SR5	Test Date					
Test Item	Detection Bandwidth (802.11ax-H160 mode - 5250MHz)-Mesh Mode						

Radar Frequency	DFS Detection Trials (1=Detection, 0= No Detection)										
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate (%)
5249	1	1	1	1	1	1	1	1	1	1	100%
5250 FL	1	1	1	1	1	1	1	1	1	1	100%
5251	1	1	1	1	1	1	1	1	1	1	100%
5252	1	1	1	1	1	1	1	1	1	1	100%
5253	1	1	1	1	1	1	1	1	1	1	100%
5254	1	1	1	1	1	1	1	1	1	1	100%
5255	1	1	1	1	1	1	1	1	1	1	100%
5260	1	1	1	1	1	1	1	1	1	1	100%
5265	1	1	1	1	1	1	1	1	1	1	100%
5270	1	1	1	1	1	1	1	1	1	1	100%
5275	1	1	1	1	1	1	1	1	1	1	100%
5280	1	1	1	1	1	1	1	1	1	1	100%
5285	1	1	1	1	1	1	1	1	1	1	100%
5290	1	1	1	1	1	1	1	1	1	1	100%
5295	1	1	1	1	1	1	1	1	1	1	100%
5300	1	1	1	1	1	1	1	1	1	1	100%
5305	1	1	1	1	1	1	1	1	1	1	100%
5310	1	1	1	1	1	1	1	1	1	1	100%
5315	1	1	1	1	1	1	1	1	1	1	100%
5320	1	1	1	1	1	1	1	1	1	1	100%
5325	1	1	1	1	1	1	1	1	1	1	100%
5326	1	1	1	1	1	1	1	1	1	1	100%
5327	1	1	1	1	1	1	1	1	1	1	100%
5328FH	1	1	1	1	1	1	1	1	1	1	100%
5329	1	1	1	1	1	1	1	1	1	1	100%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz. The 99% channel bandwidth is 154.580MHz. (See the 99% BW section of the RF report for further measurement details).

Note 2: Detection Bandwidth = FH - FL = 5328MHz - 5250MHz = 78MHz.

Note 3: NII Detection Bandwidth Min. Limit (MHz): 154.580MHz x 100% / 2 = 77.29MHz.

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5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

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

5.4.2. Test Procedure

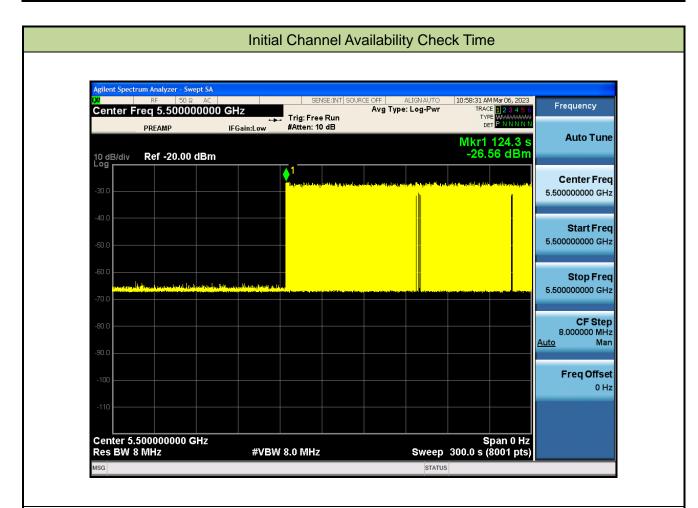
- 1. The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar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

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5.4.3. Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C				
Test Engineer	Peter	Relative Humidity	65%				
Test Site	SR6 Test Date 2023/03/06						
Test Item	Initial Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)						



Note: The EUT does not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle (64.3 sec). Initial beacons/data transmissions are indicated by marker 1 (124.3 sec).

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

5.5.1. Test Limit

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

5.5.2. Test Procedure

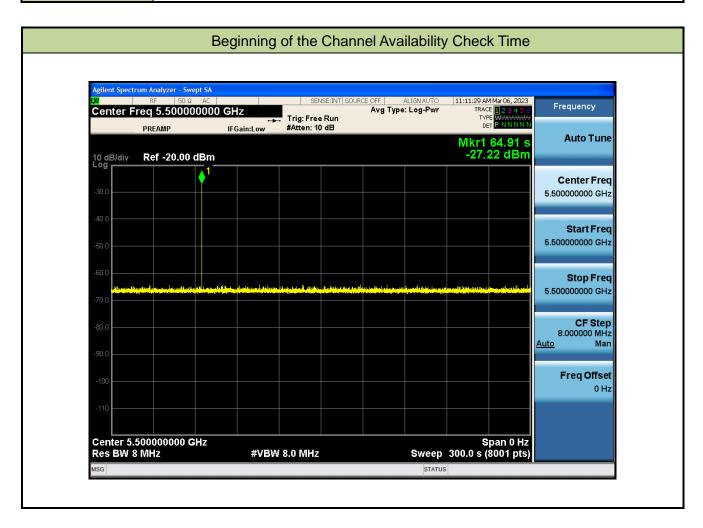
- The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning 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.
- 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.

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5.5.3. Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C					
Test Engineer	Peter	Relative Humidity	65%					
Test Site	SR6	Test Date	2023/03/06					
Beginning of the Channel Availability Check Time (802.11ax-HE20 mode								
163t Itelil	5500MHz)							



Report No.: 2302TW0116-U4



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

5.6.1. Test Limit

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

5.6.2. Test Procedure

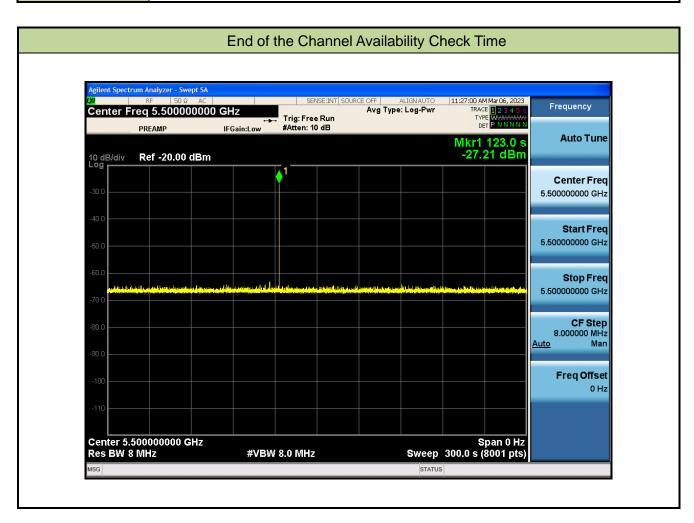
- The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning 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.
- 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.

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5.6.3. Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C		
Test Engineer	Peter	Relative Humidity	65%		
Test Site	SR6	Test Date	2023/03/06		
Test Item	End of the Channel Availability Check Time (802.11ax-HE20 mode - 5500MHz)				





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

5.7.1. Test Limit

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

5.7.2. Test Procedure Used

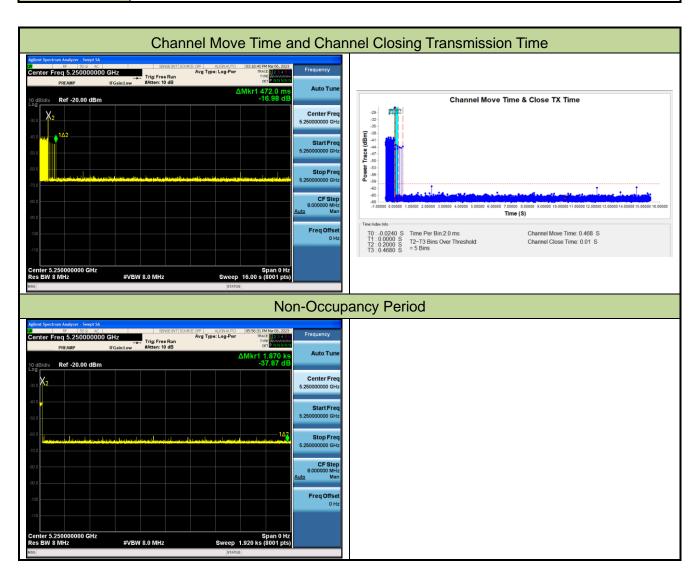
- The test should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0.
- 2. When the radar burst with a level equal to the DFS Detection Threshold + 1dB is generated on the Operating Channel of the U-NII device. A U-NII device operating as a Master Device will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

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5.7.3. Test Result

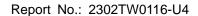
Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR6	Test Date	2023/03/06~2023/03/14
Test Item	Channel Move Time and Channel C	Closing Transmission	Time (802.11ax-HE160





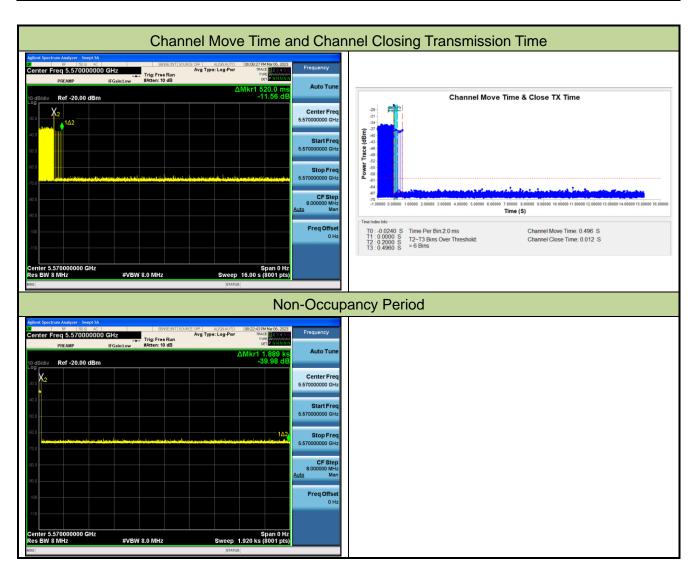
Parameter	Test Result	Limit
	Type 0	
Channel Move Time (s)	0.468s	<10s
Channel Closing Transmission Time (ms)	10ms	< 60ms
(Note)	101113	· 001113
Non-Occupancy Period (min)	≥ 30min	≥ 30 min

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.





Product	AX3000 Wi-Fi 6 Air Router	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR6	Test Date	2023/03/06~2023/03/14
Test Item	Channel Move Time and Channel C mode - 5570MHz)	Closing Transmission	Time (802.11ax-HE160





Parameter	Test Result	Limit
	Type 0	
Channel Move Time (s)	0.496s	<10s
Channel Closing Transmission Time (ms)	12ma	< 60ms
(Note)	12ms	< 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.



5.8. Statistical Performance Check Measurement

5.8.1. Test Limit

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

Radar Type	Minimum Number of Trails	Detection Probability
0	30	Pd > 60%
1	30(15 of test A and 15 of test B)	Pd > 60%
2	30	Pd > 60%
3	30	Pd > 60%
4	30	Pd > 60%
Aggregate (Radar Types 1-4)	120	Pd > 80%
5	30	Pd > 80%
6	30	Pd > 70%

The percentage of successful detection is calculated by:

(Total Waveform Detections / Total Waveform Trails) * 100 = Probability of Detection Radar Waveform In addition an aggregate minimum percentage of successful detection across all Short Pulse Radar Types 1-4 is required and is calculated as follows: (Pd1 + Pd2 + Pd3 + Pd4) / 4.

5.8.2. Test Procedure

- 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.

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5.8.3. Test Result

Product	AX3000 Wi-Fi 6 Air Router	Temperature	22C		
Test Engineer	Peter	Relative Humidity	53%		
Test Site	SR5	Test Date	2023/3/14		
Test Item	Radar Statistical Performance Check (802.11ax-HE20 - 5500MHz) - Master Mode				

Radar Type 1-4 - Radar Statistical Performance

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

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Trial	Frequency	1=Detection, 0=No Detection				
	(MHz)	Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4	
27	5509	1	1	1	1	
28	5510	1	1	1	1	
29	5510	1	1 1		1	
Proba	Probability: 10		100% 96.66% 93.33%		100%	
Тур	e1-4	97.4975% (>80%)				



Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 1	1.0	798.0	67	53466.0
Downloa	1	Type 1	1.0	818.0	65	53170.0
Downloa	2	Type 1	1.0	578.0	92	53176.0
Downloa	3	Type 1	1.0	718.0	74	53132.0
Downloa	4	Type 1	1.0	938.0	57	53466.0
Downloa	5	Type 1	1.0	638.0	83	52954.0
Downloa	6	Type 1	1.0	538.0	99	53262.0
Downloa	7	Type 1	1.0	658.0	81	53298.0
Downloa	8	Type 1	1.0	518.0	102	52836.0
Downloa	9	Type 1	1.0	878.0	61	53558.0
Downloa	10	Type 1	1.0	918.0	58	53244.0
Downloa	11	Type 1	1.0	3066.0	18	55188.0
Downloa	12	Type 1	1.0	678.0	78	52884.0
Downloa	13	Type 1	1.0	598.0	89	53222.0
Downloa	14	Type 1	1.0	618.0	86	53148.0
Downloa	15	Type 1	1.0	900.0	59	53100.0
Downloa	16	Type 1	1.0	977.0	55	53735.0
Downloa	17	Type 1	1.0	1598.0	34	54332.0
Downloa	18	Type 1	1.0	1369.0	39	53391.0
Downloa	19	Type 1	1.0	847.0	63	53361.0
Downloa	20	Type 1	1.0	2496.0	22	54912.0
Downloa	21	Type 1	1.0	1889.0	28	52892.0
Downloa	22	Type 1	1.0	2877.0	19	54663.0
Downloa	23	Type 1	1.0	1559.0	34	53006.0
Downloa	24	Type 1	1.0	1965.0	27	53055.0
Downloa	25	Type 1	1.0	2895.0	19	55005.0
Downloa	26	Type 1	1.0	1722.0	31	53382.0
Downloa	27	Type 1	1.0	1271.0	42	53382.0
Downloa	28	Type 1	1.0	1237.0	43	53191.0
Downloa	29	Type 1	1.0	1934.0	28	54152.0



Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 2	1.7	174.0	24	4176.0
Downloa	1	Type 2	3.8	176.0	27	4752.0
Downloa	2	Type 2	4.0	161.0	28	4508.0
Downloa	3	Type 2	4.3	226.0	28	6328.0
Downloa	4	Type 2	1.9	193.0	24	4632.0
Downloa	5	Type 2	1.1	230.0	23	5290.0
Downloa	6	Type 2	4.5	198.0	29	5742.0
Downloa	7	Type 2	2.9	227.0	26	5902.0
Downloa	8	Type 2	2.8	171.0	26	4446.0
Downloa	9	Type 2	3.6	221.0	27	5967.0
Downloa	10	Type 2	1.1	180.0	23	4140.0
Downloa	11	Type 2	1.3	189.0	23	4347.0
Downloa	12	Type 2	2.5	204.0	25	5100.0
Downloa	13	Type 2	4.5	203.0	29	5887.0
Downloa	14	Type 2	5.0	170.0	29	4930.0
Downloa	15	Type 2	3.1	201.0	26	5226.0
Downloa	16	Type 2	2.1	218.0	24	5232.0
Downloa	17	Type 2	2.6	208.0	25	5200.0
Downloa	18	Type 2	1.8	223.0	24	5352.0
Downloa	19	Type 2	1.2	220.0	23	5060.0
Downloa	20	Type 2	2.9	224.0	26	5824.0
Downloa	21	Type 2	4.0	160.0	28	4480.0
Downloa	22	Type 2	2.5	209.0	25	5225.0
Downloa	23	Type 2	1.0	205.0	23	4715.0
Downloa	24	Type 2	3.7	151.0	27	4077.0
Downloa	25	Type 2	2.5	186.0	25	4650.0
Downloa	26	Type 2	1.5	190.0	23	4370.0
Downloa	27	Type 2	1.3	185.0	23	4255.0
Downloa	28	Type 2	1.2	175.0	23	4025.0
Downloa	29	Type 2	1.7	216.0	24	5184.0



Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 3	6.7	467.0	16	7472.0
Downloa	1	Type 3	8.8	304.0	18	5472.0
Downloa	2	Type 3	9.0	316.0	18	5688.0
Downloa	3	Type 3	9.3	439.0	18	7902.0
Downloa	4	Type 3	6.9	420.0	16	6720.0
Downloa	5	Type 3	6.1	249.0	16	3984.0
Downloa	6	Type 3	9.5	463.0	18	8334.0
Downloa	7	Type 3	7.9	258.0	17	4386.0
Downloa	8	Type 3	7.8	212.0	17	3604.0
Downloa	9	Type 3	8.6	236.0	17	4012.0
Downloa	10	Type 3	6.1	474.0	16	7584.0
Downloa	11	Type 3	6.3	461.0	16	7376.0
Downloa	12	Type 3	7.5	437.0	17	7429.0
Downloa	13	Type 3	9.5	287.0	18	5166.0
Downloa	14	Type 3	10.0	395.0	18	7110.0
Downloa	15	Type 3	8.1	322.0	17	5474.0
Downloa	16	Type 3	7.1	468.0	16	7488.0
Downloa	17	Type 3	7.6	255.0	17	4335.0
Downloa	18	Type 3	6.8	423.0	16	6768.0
Downloa	19	Type 3	6.2	456.0	16	7296.0
Downloa	20	Type 3	7.9	351.0	17	5967.0
Downloa	21	Type 3	9.0	411.0	18	7398.0
Downloa	22	Type 3	7.5	279.0	17	4743.0
Downloa	23	Type 3	6.0	431.0	16	6896.0
Downloa	24	Type 3	8.7	324.0	17	5508.0
Downloa	25	Type 3	7.5	419.0	17	7123.0
Downloa	26	Type 3	6.5	447.0	16	7152.0
Downloa	27	Type 3	6.3	481.0	16	7696.0
Downloa	28	Type 3	6.2	438.0	16	7008.0
Downloa	29	Type 3	6.7	270.0	16	4320.0



Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 4	12.5	467.0	12	5604.0
Downloa	1	Type 4	17.2	304.0	15	4560.0
Downloa	2	Type 4	17.8	316.0	15	4740.0
Downloa	3	Type 4	18.5	439.0	16	7024.0
Downloa	4	Type 4	13.1	420.0	13	5460.0
Downloa	5	Type 4	11.3	249.0	12	2988.0
Downloa	6	Type 4	18.8	463.0	16	7408.0
Downloa	7	Type 4	15.3	258.0	14	3612.0
Downloa	8	Type 4	15.1	212.0	14	2968.0
Downloa	9	Type 4	16.9	236.0	15	3540.0
Downloa	10	Type 4	11.2	474.0	12	5688.0
Downloa	11	Type 4	11.7	461.0	12	5532.0
Downloa	12	Type 4	14.4	437.0	13	5681.0
Downloa	13	Type 4	18.9	287.0	16	4592.0
Downloa	14	Type 4	19.9	395.0	16	6320.0
Downloa	15	Type 4	15.7	322.0	14	4508.0
Downloa	16	Type 4	13.4	468.0	13	6084.0
Downloa	17	Type 4	14.5	255.0	13	3315.0
Downloa	18	Type 4	12.9	423.0	13	5499.0
Downloa	19	Type 4	11.5	456.0	12	5472.0
Downloa	20	Type 4	15.3	351.0	14	4914.0
Downloa	21	Type 4	17.8	411.0	15	6165.0
Downloa	22	Type 4	14.3	279.0	13	3627.0
Downloa	23	Type 4	11.1	431.0	12	5172.0
Downloa	24	Type 4	17.0	324.0	15	4860.0
Downloa	25	Type 4	14.5	419.0	13	5447.0
Downloa	26	Type 4	12.1	447.0	12	5364.0
Downloa	27	Type 4	11.7	481.0	12	5772.0
Downloa	28	Type 4	11.6	438.0	12	5256.0
Downloa	29	Type 4	12.7	270.0	12	3240.0



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5490	1	15	5500	1
1	5490	1	16	5501	1
2	5491	1	17	5502	1
3	5491	1	18	5503	1
4	5492	1	19	5504	1
5	5492	1	20	5505	1
6	5493	1	21	5506	1
7	5493	1	22	5507	1
8	5494	1	23	5507	1
9	5494	1	24	5508	1
10	5495	1	25	5508	1
11	5496	1	26	5509	1
12	5497	1	27	5509	1
13	5498	1	28	5510	1
14	5499	1	29	5510	1
	Det	ection Percentage	(%)		100%

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			Type 5 Rac	lar Waveform	1_0		
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	500001.0	58.7	7	1	1765.0	-	-
1	788858.0	84.3	7	3	1452.0	1398.0	1571.0
2	107934	87.4	7	3	1358.0	1377.0	1111.0
3	173235.0	91.4	7	3	1554.0	1036.0	1662.0
4	464181.0	61.8	7	1	1828.0	-	-
5	754905.0	51.8	7	1	1621.0	-	-
6	104321	93.4	7	3	1063.0	1317.0	1923.0
7	137661.0	73.8	7	2	1804.0	1156.0	-
8	427962.0	72.6	7	2	1935.0	1079.0	-
9	718561.0	82.5	7	2	1049.0	1478.0	-

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	630504.0	51.3	15	1	1713.0	-	-
1	63719.0	54.0	15	1	1485.0	-	-
2	244829.0	69.1	15	2	1043.0	1750.0	-
3	424983.0	93.8	15	3	1665.0	1844.0	1155.0
4	605585.0	99.1	15	3	1505.0	1825.0	1538.0
5	41253.0	76.0	15	2	1866.0	1508.0	-
6	222776.0	63.5	15	1	1889.0	-	-
7	403831.0	69.8	15	2	1024.0	1578.0	-
8	586300.0	60.9	15	1	1067.0	-	-
9	19004.0	52.9	15	1	1162.0	-	-
10	200185.0	73.7	15	2	1211.0	1581.0	-
11	380411.0	87.8	15	3	1516.0	1753.0	1473.0
12	562652.0	68.6	15	2	1029.0	1730.0	-
13	744707.0	50.9	15	1	1930.0	-	-
14	177818.0	83.0	15	2	1675.0	1303.0	-
15	359125.0	69.5	15	2	1296.0	1410.0	-



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	509264.0	56.4	16	1	1603.0	-	-
1	680130.0	53.9	16	1	1545.0	-	-
2	146533.0	53.5	16	1	1943.0	-	-
3	317593.0	59.4	16	1	1206.0	-	-
4	487066.0	78.5	16	2	1305.0	1969.0	-
5	655737.0	86.1	16	3	1355.0	1823.0	1948.0
6	125182.0	67.0	16	2	1788.0	1958.0	-
7	296065.0	74.5	16	2	1213.0	1124.0	-
8	466535.0	81.3	16	2	1215.0	1366.0	-
9	636980.0	81.5	16	2	1429.0	1293.0	-
10	104267.0	79.9	16	2	1345.0	1990.0	-
11	275181.0	50.5	16	1	1996.0	-	-
12	444173.0	88.4	16	3	1871.0	1121.0	1723.0
13	616638.0	65.7	16	1	1964.0	-	-
14	83142.0	93.0	16	3	1962.0	1265.0	1267.0
15	254505.0	63.6	16	1	1020.0	-	-
16	424165.0	78.1	16	2	1737.0	1422.0	-

Type 5 Radar Waveform_3

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	561917.0	76.8	18	2	1105.0	1462.0	-
1	58856.0	72.6	18	2	1668.0	1188.0	-
2	219757.0	70.4	18	2	1321.0	1820.0	-
3	381519.0	57.0	18	1	1683.0	_	-
4	539847.0	88.6	18	3	1721.0	1611.0	1967.0
5	39100.0	55.0	18	1	1594.0	_	-
6	199396.0	93.3	18	3	1624.0	1678.0	1625.0
7	360062.0	86.7	18	3	1720.0	1540.0	1349.0
8	520177.0	86.7	18	3	1816.0	1617.0	1754.0
9	19237.0	57.7	18	1	1382.0	-	-
10	180157.0	78.1	18	2	1561.0	1416.0	-
11	341761.0	59.9	18	1	1734.0	-	-
12	502148.0	71.0	18	2	1677.0	1220.0	-
13	664532.0	65.7	18	1	1497.0	-	-
14	160058.0	86.4	18	3	1957.0	1088.0	1054.0
15	322202.0	58.3	18	1	1104.0	-	-
16	481097.0	92.3	18	3	1589.0	1800.0	1189.0
17	641560.0	95.4	18	3	1147.0	1801.0	1748.0

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693781.0 62.9

	Type 5 Radar Waveform_4									
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	230026.0	89.4	8	3	1574.0	1736.0	1023.0			
1	494090.0	70.2	8	2	1655.0	1500.0	-			
2	759097.0	63.2	8	1	1445.0	-	-			
3	102365	53.9	8	1	1098.0	-	-			
4	198005.0	65.2	8	1	1918.0	-	-			
5	461089.0	87.1	8	3	1453.0	1658.0	1236.0			
6	724508.0	94.6	8	3	1896.0	1154.0	1456.0			
7	990596.0	62.4	8	1	1646.0	-	-			
8	165301.0	67.6	8	2	1600.0	1439.0	-			
9	428206.0	96.2	8	3	1629.0	1909.0	1879.0			

Type 5 Radar Waveform_5

1793.0

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	131669	81.4	5	2	1413.0	1565.0	-
1	182514.0	95.3	5	3	1774.0	1131.0	1995.0
2	546487.0	60.0	5	1	1160.0	-	-
3	909540.0	60.1	5	1	1922.0	-	-
4	127359	59.6	5	1	1069.0	-	-
5	137882.0	91.8	5	3	1259.0	1810.0	1477.0
6	501010.0	78.4	5	2	1763.0	1487.0	-
7	865247.0	62.6	5	1	1122.0	-	-

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			Type 5 Ra	dar Waveform	1_6		
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	516946.0	62.4	18	1	1000.0	-	-
1	39179.0	67.9	18	2	1925.0	1039.0	-
2	191187.0	99.0	18	3	1890.0	1228.0	1326.0
3	345057.0	60.3	18	1	1210.0	-	-
4	496341.0	72.7	18	2	1688.0	1548.0	-
2 3 4 5 6 7	20344.0	91.9	18	3	1988.0	1503.0	1201.0
6	172985.0	78.3	18	2	1309.0	1198.0	-
7	324992.0	88.9	18	3	1080.0	1399.0	1115.0
8	479203.0	64.5	18	1	1087.0	-	-
	1625.0	60.3	18	1	1133.0	-	-
10	154419.0	65.8	18	1	1579.0	-	-
11	305517.0	93.5	18	3	1619.0	1682.0	1758.0
12	457252.0	92.2	18	3	1533.0	1842.0	1979.0
13	609099.0	96.2	18	3	1672.0	1744.0	1971.0
14	135269.0	70.3	18	2	1414.0	1692.0	-
15	288335.0	53.5	18	1	1706.0	-	-
16	439137.0	93.4	18	3	1870.0	1242.0	1395.0
17	594115.0	64.9	18	1	1438.0	-	-
18	116504.0	72.9	18	2	1239.0	1817.0	-

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	366038.0	57.3	12	1	1698.0	-	-
1	572552.0	83.3	12	2	1700.0	1427.0	-
2	780751.0	62.5	12	1	1952.0	-	-
3	132806.0	76.1	12	2	1612.0	1397.0	-
4	339391.0	87.5	12	3	1139.0	1901.0	1400.0
5	545977.0	97.1	12	3	1352.0	1798.0	1636.0
6	754249.0	73.8	12	2	1496.0	1536.0	-
7	107497.0	55.2	12	1	1357.0	-	-
8	314885.0	62.5	12	1	1811.0	-	-
9	521546.0	68.1	12	2	1251.0	1843.0	-
10	727998.0	99.9	12	3	1819.0	1057.0	1017.0
11	81932.0	61.3	12	1	1342.0	-	-
12	288728.0	73.9	12	2	1725.0	1872.0	-
13	496814.0	58.0	12	1	1747.0	-	-



Type 5	5 Radar	Waveform_	8
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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	755599.0	95.8	12	3	1465.0	1975.0	1904.0
1	60603.0	79.9	12	2	1764.0	1174.0	-
2	283803.0	77.4	12	2	1235.0	1584.0	-
3	506280.0	90.4	12	3	1114.0	1974.0	1027.0
4	731529.0	59.9	12	1	1126.0	-	-
5	33037.0	90.5	12	3	1275.0	1985.0	1845.0
6	256800.0	62.0	12	1	1062.0	-	-
7	478398.0	87.0	12	3	1463.0	1587.0	1887.0
8	701468.0	98.3	12	3	1586.0	1187.0	1651.0
9	5625.0	80.1	12	2	1277.0	1881.0	-
10	229189.0	52.1	12	1	1330.0	-	-
11	452740.0	51.7	12	1	1333.0	-	-
12	675900.0	52.7	12	1	1867.0	-	-

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	728602.0	70.7	15	2	1934.0	1731.0	-
1	163064.0	85.3	15	3	1179.0	1751.0	1711.0
2	344919.0	75.0	15	2	1034.0	1261.0	-
2 3 4	526501.0	56.4	15	1	1954.0	-	-
4	707567.0	66.7	15	2	1243.0	1090.0	-
5	140840.0	94.8	15	3	1224.0	1970.0	1214.0
6 7	322286.0	68.8	15	2	1701.0	1280.0	-
7	503381.0	71.0	15	2	1563.0	1537.0	-
8	684698.0	79.4	15	2	1525.0	1389.0	-
9	118479.0	100.0	15	3	1717.0	1498.0	1740.0
10	299495.0	91.9	15	3	1295.0	1037.0	1829.0
11	481809.0	61.5	15	1	1949.0	-	-
12	663548.0	63.2	15	1	1596.0	-	-
13	96313.0	99.0	15	3	1254.0	1919.0	1073.0
14	277029.0	86.6	15	3	1606.0	1849.0	1202.0
15	459655.0	65.8	15	1	1635.0	-	-



	Type 5 Radar Waveform_10										
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	128199	70.7	5	2	1897.0	1749.0	-				
1	148716.0	64.6	5	1	1965.0	-	-				
2	511400.0	99.0	5	3	1012.0	1045.0	1772.0				
3	873819.0	91.9	5	3	1583.0	1466.0	1549.0				
4	123645	85.5	5	3	1420.0	1780.0	1459.0				
5	103733.0	96.5	5	3	1530.0	1924.0	1835.0				

1550.0

1929.0

66.2

828841.0 92.9

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	106135	63.1	6	1	1642.0	-	-
1	52533.0	83.5	6	3	1005.0	1981.0	1250.0
2	375121.0	74.5	6	2	1914.0	1474.0	-
3	698701.0	60.9	6	1	1430.0	-	-
4	102035	70.4	6	2	1680.0	1542.0	-
5	12834.0	85.1	6	3	1048.0	1127.0	1393.0
6	335516.0	82.4	6	2	1605.0	1282.0	-
7	658234.0	74.0	6	2	1108.0	1691.0	-
8	979549.0	85.7	6	3	1486.0	1976.0	1212.0

Type 5 Radar Waveform_12

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	975763.0	94.4	11	3	1385.0	1336.0	1376.0
1	221907.0	53.0	11	1	1805.0	-	-
2	463536.0	70.0	11	2	1248.0	1558.0	-
3	704621.0	87.6	11	3	1403.0	1170.0	1315.0
4	948913.0	61.7	11	1	1042.0	-	-
5	191927.0	83.2	11	2	1100.0	1535.0	-
6	434514.0	66.6	11	1	1038.0	-	-
7	676534.0	55.1	11	1	1423.0	-	-
8	915669.0	87.0	11	3	1789.0	1306.0	1643.0
9	162331.0	66.4	11	1	1409.0	-	-
10	404114.0	80.0	11	2	1319.0	1094.0	-
11	644572.0	85.6	11	3	1891.0	1291.0	1529.0

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			Type 5 Rad	ar Waveform	_13		
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	559643.0	78.9	18	2	1613.0	1263.0	-
1	83132.0	96.7	18	3	1627.0	1432.0	1986.0
2	235098.0	91.5	18	3	1472.0	1759.0	1784.0
3	388261.0	75.4	18	2	1274.0	1795.0	-
4	540400.0	71.1	18	2	1968.0	1444.0	-
5	64622.0	77.5	18	2	1588.0	1441.0	-
6	217521.0	65.4	18	1	1710.0	-	-
7	370455.0	53.1	18	1	1419.0	-	-
8	523206.0	59.9	18	1	1518.0	-	-
9	45893.0	67.3	18	2	1195.0	1168.0	-
10	198422.0	74.2	18	2	1386.0	1216.0	-
11	350921.0	69.0	18	2	1557.0	1132.0	-
12	503059.0	82.1	18	2	1987.0	1186.0	-
13	27020.0	93.3	18	3	1365.0	1032.0	1728.0
14	179613.0	83.3	18	2	1103.0	1568.0	-
15	331979.0	70.3	18	2	1699.0	1281.0	-
16	485741.0	57.9	18	1	1285.0	-	-
17	8305.0	50.6	18	1	1850.0	-	-
18	160375.0	94.3	18	3	1479.0	1218.0	1733.0



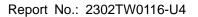
			Type 5 Rad	lar Waveform	_14		
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	297680.0	67.5	20	2	1434.0	1117.0	-
1	441995.0	67.8	20	2	1567.0	1773.0	-
2	586834.0	75.9	20	2	1846.0	1362.0	-
3	134817.0	68.9	20	2	1237.0	1818.0	-
4	278690.0	96.0	20	3	1339.0	1796.0	1852.0
5	425629.0	66.6	20	1	1289.0	-	-
6	568519.0	78.3	20	2	1862.0	1856.0	-
7	117306.0	58.9	20	1	1412.0	-	-
8	261916.0	81.5	20	2	1113.0	1591.0	-
9	406632.0	82.4	20	2	1059.0	1861.0	-
10	550186.0	86.8	20	3	1797.0	1163.0	1320.0
11	98921.0	98.5	20	3	1268.0	1300.0	1868.0
12	244128.0	80.1	20	2	1086.0	1482.0	-
13	387268.0	86.3	20	3	1860.0	1407.0	1998.0
14	535106.0	57.2	20	1	1241.0	-	-
15	81010.0	84.3	20	3	1808.0	1873.0	1628.0
16	225534.0	86.8	20	3	1258.0	1302.0	1978.0
17	370865.0	83.0	20	2	1690.0	1378.0	-
18	514322.0	85.6	20	3	1327.0	1956.0	1311.0
19	63364.0	99.4	20	3	1112.0	1815.0	1262.0
			Type 5 Rad	lar Waveform	_15		
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	298559.0	57.5	13	1	1379.0	-	-
1	505048.0	67.0	13	2	1551.0	1620.0	-
2	712288.0	70.9	13	2	1939.0	1083.0	-
3	65334.0	75.7	13	2	1332.0	1476.0	-
4	272524.0	77.1	13	2	1840.0	1010.0	-
5	479639.0	78.8	13	2	1371.0	1618.0	-
6	688000.0	51.0	13	1	1494.0	-	-
7	39859.0	55.4	13	1	1794.0	-	-
8	247001.0	68.5	13	2	1590.0	1266.0	-
9	453464.0	100.0	13	3	1484.0	1314.0	1428.0
10	660486.0	96.4	13	3	1363.0	1361.0	1292.0
11	14259.0	97.2	13	3	1694.0	1480.0	1446.0
12	221241.0	86.4	13	3	1447.0	1227.0	1102.0



			Type 5 Rad	ar Waveform _.	_16		
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	810996.0	62.4	9	1	1329.0	-	-
1	107330	67.8	9	2	1364.0	1937.0	-
2	249825.0	53.0	9	1	1790.0	-	-
3	513186.0	77.8	9	2	1546.0	1906.0	-
4	776261.0	95.6	9	3	1145.0	1743.0	1499.0
5	104282	58.8	9	1	1199.0	-	-
6	216805.0	92.8	9	3	1424.0	1408.0	1381.0
7	480761.0	68.5	9	2	1340.0	1972.0	-
8	743697.0	84.0	9	3	1607.0	1663.0	1270.0
9	100839	70.8	9	2	1468.0	1760.0	-
10	184481.0	73.1	9	2	1869.0	1515.0	-

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	379027.0	68.8	11	2	1504.0	1973.0	-
1	601267.0	94.2	11	3	1920.0	1299.0	1467.0
2	826098.0	82.7	11	2	1003.0	1351.0	-
3	128582.0	74.8	11	2	1597.0	1457.0	-
4	352167.0	58.9	11	1	1874.0	-	-
5 6	573713.0	96.5	11	3	1838.0	1708.0	1328.0
6	796850.0	87.3	11	3	1405.0	1271.0	1687.0
7	101143.0	72.4	11	2	1200.0	1433.0	-
8	324788.0	51.3	11	1	1475.0	-	-
9	546355.0	86.8	11	3	1159.0	1652.0	1942.0
10	772173.0	50.4	11	1	1056.0	-	-
11	73442.0	97.0	11	3	1884.0	1876.0	1415.0
12	297241.0	50.1	11	1	1519.0	-	-

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			Type 5 Pad	ar Waveform	1Ω		
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	675668.0	91.9	8	3	1301.0	1337.0	1645.0
1	966684.0	67.2	8	2	1983.0	1040.0	-
2	60080.0	65.5	8	1	1671.0	-	-
3	350468.0	72.8	8	2	1489.0	1016.0	-
4	640208.0	90.5	8	3	1552.0	1180.0	1064.0
5	930430.0	81.6	8	2	1807.0	1853.0	-
6	24223.0	86.0	8	3	1312.0	1905.0	1278.0
7	314287.0	89.6	8	3	1152.0	1068.0	1832.0
8	605824.0	62.1	8	1	1119.0	-	-
9	896505.0	58.0	8	1	1234.0	-	-
			Type 5 Rad	ar Waveform	_19		
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	148262	73.8	5	2	1071.0	1915.0	-
1	348501.0	89.5	5	3	1294.0	1450.0	1025.0
2	712087.0	81.2	5	2	1144.0	1146.0	-
3	107622	59.0	5	1	1041.0	-	-
4	143687	87.5	5	3	1096.0	1941.0	1018.0
5	303833.0	76.7	5	2	1667.0	1947.0	-
6	667663.0	56.5	5	1	1573.0	-	-
7	102959	89.0	5	3	1033.0	1391.0	1304.0
			Type 5 Rad	ar Waveform	20		
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	795066.0	83.1	12	2	1762.0	1058.0	-
1	148131.0	50.0	12	1	1739.0	-	-
2	355877.0	52.6	12	1	1055.0	-	-
3	563078.0	58.2	12	1	1704.0	- 1177 0	10060
4	768221.0	84.6	12	3	1226.0	1177.0	1886.0
5	122378.0	68.3	12	2	1269.0	1851.0	-
6	329595.0	80.6	12	2	1814.0	1074.0	-
7	537959.0	59.5	12	1	1009.0	-	-
8	745244.0	53.4	12	1	1417.0	-	-
9	97056.0	59.1	12	1	1431.0	10040	-
10	304250.0	74.8	12	2	1002.0	1394.0	1150.0
11	510244.0	85.0	12	3	1670.0	1755.0	1158.0
12	717553.0	85.3	12	3	1307.0	1560.0	1078.0
13	71512.0	61.9	12	1	1197.0	-	-

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Type 5 Radar Wavefor	m 2′	۱
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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	229509.0	70.8	17	2	1022.0	1015.0	-
1	400529.0	52.9	17	1	1483.0	-	-
2	569230.0	86.0	17	3	1524.0	1308.0	1287.0
2 3 4	37714.0	78.4	17	2	1821.0	1406.0	-
	207532.0	93.3	17	3	1991.0	1966.0	1290.0
5	378491.0	70.0	17	2	1858.0	1471.0	-
5 6 7	548974.0	78.1	17	2	1507.0	1705.0	-
	16774.0	52.4	17	1	1060.0	-	-
8	186482.0	84.8	17	3	1859.0	1839.0	1993.0
9	357118.0	83.5	17	3	1150.0	1492.0	1443.0
10	529488.0	56.7	17	1	1208.0	-	-
11	697766.0	86.2	17	3	1674.0	1125.0	1053.0
12	166571.0	58.8	17	1	1436.0	-	-
13	335823.0	85.4	17	3	1686.0	1509.0	1577.0
14	507436.0	77.7	17	2	1297.0	1298.0	-
15	676055.0	87.4	17	3	1649.0	1894.0	1075.0
16	145003.0	99.8	17	3	1185.0	1167.0	1616.0

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	447229.0	95.7	10	3	1353.0	1813.0	1028.0
1	688316.0	94.9	10	3	1735.0	1994.0	1084.0
2	929912.0	97.9	10	3	1354.0	1792.0	1418.0
3	176291.0	67.4	10	2	1348.0	1008.0	-
4	417300.0	96.9	10	3	1916.0	1425.0	1283.0
5	659121.0	97.6	10	3	1384.0	1050.0	1569.0
6	901006.0	83.6	10	3	1231.0	1219.0	1194.0
7	146470.0	82.6	10	2	1128.0	1346.0	-
8	387774.0	97.2	10	3	1142.0	1769.0	1173.0
9	629493.0	92.3	10	3	1181.0	1164.0	1458.0
10	871823.0	80.9	10	2	1222.0	1756.0	-
11	116586.0	78.1	10	2	1190.0	1999.0	-



	Type 5 Rada	r Waveform_	_23			
h	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
	5	2	1564.0	1767.0	-	
	5	1	1437.0	-	-	

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	538038.0	76.9	5	2	1564.0	1767.0	-
1	902167.0	64.7	5	1	1437.0	-	-
2	126430	77.1	5	2	1046.0	1944.0	-
3	130381.0	72.7	5	2	1440.0	1374.0	-
4	494082.0	61.9	5	1	1035.0	-	-
5	856449.0	68.6	5	2	1205.0	1892.0	-
6	122012	78.3	5	2	1047.0	1273.0	-
7	85626.0	73.1	15	2	1426.0	1863.0	-

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	224291.0	59.1	15	1	1718.0	-	-
1	404797.0	83.5	15	3	1070.0	1129.0	1318.0
2	585565.0	86.5	15	3	1176.0	1253.0	1442.0
3	20469.0	60.8	15	1	1209.0	-	-
4	201494.0	80.7	15	2	2000.0	1360.0	-
5	383735.0	65.2	15	1	1101.0	-	-
6	564279.0	69.1	15	2	1511.0	1030.0	-
7	746938.0	51.5	15	1	1161.0	-	-
8	178837.0	98.5	15	3	1061.0	1951.0	1812.0
9	361254.0	59.5	15	1	1325.0	-	-
10	540817.0	95.3	15	3	1284.0	1650.0	1169.0
11	723236.0	81.8	15	2	1460.0	1077.0	-
12	157347.0	66.0	15	1	1149.0	-	-
13	338866.0	59.3	15	1	1373.0	-	-
14	519043.0	79.2	15	2	1836.0	1534.0	-
15	698893.0	90.2	15	3	1455.0	1738.0	1490.0

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			Type 5 Rad	ar Waveform	_25		
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	165660.0	87.5	11	3	1343.0	1331.0	1313.0
1	388227.0	94.6	11	3	1448.0	1543.0	1803.0
2	611977.0	73.9	11	2	1722.0	1514.0	-
3	836637.0	55.4	11	1	1506.0	-	-
4	138508.0	52.3	11	1	1960.0	-	-
5	361157.0	95.8	11	3	1240.0	1380.0	1252.0
6	583572.0	96.1	11	3	1372.0	1411.0	1908.0
7	807375.0	77.8	11	2	1885.0	1593.0	-
8	110712.0	97.2	11	3	1021.0	1614.0	1633.0
9	334129.0	74.3	11	2	1582.0	1097.0	-
10	558353.0	57.9	11	1	1031.0	-	-
11	779576.0	68.8	11	2	1927.0	1936.0	-
12	83349.0	79.6	11	2	1857.0	1470.0	_

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	443672.0	63.4	7	1	1595.0	-	-
1	764888.0	97.0	7	3	1451.0	1660.0	1562.0
2	108877	66.7	7	2	1116.0	1544.0	-
3	80701.0	99.5	7	3	1553.0	1526.0	1768.0
4	404035.0	64.3	7	1	1107.0	-	-
5	724735.0	90.7	7	3	1992.0	1626.0	1899.0
6	104983	62.1	7	1	1630.0	-	-
7	41111.0	58.3	7	1	1676.0	-	-
8	363203.0	87.0	7	3	1726.0	1696.0	1464.0



Type 5	Radar	Waveform	_27
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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	685484.0	86.8	6	3	1673.0	1383.0	1653.0
1	100844	81.7	6	2	1841.0	1911.0	-
2	1327.0	78.4	6	2	1900.0	1229.0	-
3	324073.0	82.1	6	2	1527.0	1072.0	-
4	645590.0	84.1	6	3	1893.0	1742.0	1491.0
5	968147.0	87.7	6	3	1247.0	1341.0	1955.0
6	129015	97.0	6	3	1559.0	1685.0	1572.0
7	283759.0	99.1	6	3	1641.0	1727.0	1848.0
8	607681.0	62.0	6	1	1245.0	-	-

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	104641	67.5	6	2	1193.0	1182.0	-
1	140782	85.6	6	3	1221.0	1741.0	1338.0
2	274722.0	86.9	6	3	1580.0	1775.0	1809.0
3	637750.0	85.3	6	3	1082.0	1854.0	1095.0
4	100067	67.3	6	2	1898.0	1977.0	-
5	136308	94.8	6	3	1791.0	1350.0	1230.0
6	230397.0	72.9	6	2	1681.0	1323.0	-
7	593534.0	70.7	6	2	1709.0	1123.0	-

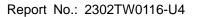
Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	766096.0	63.3	8	1	1044.0	-	-
1	105361	87.4	8	3	1945.0	1602.0	1203.0
2	148646.0	58.7	8	1	1556.0	-	-
3	439290.0	63.6	8	1	1598.0	-	-
4	730238.0	56.3	8	1	1110.0	-	-
5	102035	57.2	8	1	1878.0	-	-
6	112833.0	50.3	8	1	1659.0	-	-
7	403062.0	71.9	8	2	1143.0	1724.0	-
8	692419.0	85.1	8	3	1404.0	1715.0	1449.0
9	985054.0	62.5	8	1	1276.0	-	_



Radar Type 6 - Radar Statistical Performance

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

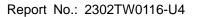
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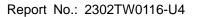
Type 6 Radar Waveform_0							
Frequenc	4			1			
List (MHz)	0	1	2	3	4		
0	5684	5647	5388	5528	5616		
5	5491	5605	5502	5588	5683		
10	5313	5430	5420	5521	5622		
15	5292	5485	5489	5387	5265		
20	5419	5271	5508	5386	5410		
25	5494	5600	5471	5711	5584		
30	5719	5342	5361	5308	5639		
35	5397	5580	5664	5667	5349		
40	5290	5541	5665	5322	5585		
45	5501	5330	5264	5350	5718		
50	5447	5378	5340	5445	5285		
55	5389	5252	5368	5469	5713		
60	5384	5516	5254	5689	5318		
65	5416	5459	5607	5475	5514		
70	5630	5542	5263	5379	5455		
75	5411	5550	5617	5554	5708		
80	5688	5619	5604	5258	5695		
85	5559	5301	5690	5596	5537		
90	5701	5448	5611	5658	5338		
95	5525	5327	5413	5555	5546		
		Type 6 Rad	dar Waveform_1				
-							
Frequence List (MHz)	o	1	2	3	4		
List (MHz)		1 5411	2 5324	3 5689	4 5458		
List (MHz)	0 5464 5630		5324 5577				
List (MHz)	0 5464	5411	5324	5689	5458		
List (MHz) 0 5	0 5464 5630	5411 5530	5324 5577	5689 5276	5458 5415		
List (MHz) 0 5 10	5464 5630 5719	5411 5530 5316	5324 5577 5461	5689 5276 5619	5458 5415 5643		
List (MHz) 0 5 10 15 20 25	5464 5630 5719 5380	5411 5530 5316 5612	5324 5577 5461 5592 5449 5674	5689 5276 5619 5432	5458 5415 5643 5554		
List (MHz) 0 5 10 15 20 25 30	5464 5630 5719 5380 5427	5411 5530 5316 5612 5340 5549 5706	5324 5577 5461 5592 5449 5674 5318	5689 5276 5619 5432 5475 5437 5523	5458 5415 5643 5554 5383 5618 5595		
List (MHz) 0 5 10 15 20 25 30 35	5464 5630 5719 5380 5427 5382 5286 5264	5411 5530 5316 5612 5340 5549 5706 5293	5324 5577 5461 5592 5449 5674 5318 5460	5689 5276 5619 5432 5475 5437 5523 5442	5458 5415 5643 5554 5383 5618 5595 5263		
List (MHz) 0 5 10 15 20 25 30 35 40	5464 5630 5719 5380 5427 5382 5286 5264 5604	5411 5530 5316 5612 5340 5549 5706 5293 5624	5324 5577 5461 5592 5449 5674 5318 5460 5603	5689 5276 5619 5432 5475 5437 5523 5442 5562	5458 5415 5643 5554 5383 5618 5595 5263 5582		
List (MHz) 0 5 10 15 20 25 30 35 40 45	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650 5541	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298 5548	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463 5538	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666 5668	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337 5260		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650 5541 5526	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298 5548 5677	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463 5538 5586	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666 5668 5376	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337 5260 5669		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650 5541 5526 5299	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298 5548 5677 5277	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463 5538 5586 5289	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666 5668 5376 5255	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337 5260 5669 5462		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650 5541 5526 5299 5384	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298 5548 5677 5277 5361	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463 5538 5586 5289 5407	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666 5668 5376 5255 5588	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337 5260 5669 5462 5474		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5464 5630 5719 5380 5427 5382 5286 5264 5604 5430 5712 5687 5581 5650 5541 5526 5299	5411 5530 5316 5612 5340 5549 5706 5293 5624 5310 5254 5574 5487 5298 5548 5677 5277	5324 5577 5461 5592 5449 5674 5318 5460 5603 5347 5516 5556 5379 5463 5538 5586 5289	5689 5276 5619 5432 5475 5437 5523 5442 5562 5311 5496 5423 5723 5666 5668 5376 5255	5458 5415 5643 5554 5383 5618 5595 5263 5582 5296 5374 5331 5285 5337 5260 5669 5462		

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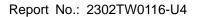
		Type 6 Rad	ar Waveform_2		
Frequenc					
List (MHz)	O	1	2	3	4
0	5719	5650	5260	5278	5678
5	5672	5552	5652	5439	5622
10	5580	5502	5339	5664	5371
15	5264	5695	5477	5271	5338
20	5506	5487	5467	5356	5648
25	5401	5402	5541	5425	5692
30	5275	5263	5565	5415	5306
35	5384	5256	5595	5540	5707
40	5327	5579	5359	5668	5430
45	5369	5252	5599	5605	5547
50	5560	5510	5518	5269	5280
55	5521	5400	5458	5512	5544
60	5305	5555	5586	5596	5499
65	5412	5689	5607	5344	5620
70	5524	5293	5636	5697	5422
75	5551	5337	5405	5441	5352
80	5610	5365	5701	5324	5429
85	5542	5722	5272	5498	5419
90	5304	5372	5635	5723	5598
95	5274	5286	5564	5281	5589
		Type 6 Rad	ar Waveform_3		
Frequenc			_	_	
List (MHz)	0	1	2	3	4
0	5499	5414	5671	5439	5520
5	5714	5477	5252	5505	5451
10	5484	5369	5543	5534	5685
15	5459	5391	5323		
20		2271	3323	5425	5463
	5346	5575	5428	5425 5556	5463 5329
25	5346 5536				5329 5686
25 30		5575 5350 5581	5428 5605 5707	5556 5645 5381	5329 5686 5717
25 30 35	5536	5575 5350 5581 5445	5428 5605	5556 5645 5381 5624	5329 5686 5717 5273
25 30 35 40	5536 5467 5710 5663	5575 5350 5581 5445 5379	5428 5605 5707 5475 5412	5556 5645 5381 5624 5479	5329 5686 5717 5273 5470
25 30 35 40 45	5536 5467 5710 5663 5673	5575 5350 5581 5445 5379 5666	5428 5605 5707 5475 5412 5648	5556 5645 5381 5624 5479 5513	5329 5686 5717 5273 5470 5427
25 30 35 40 45 50	5536 5467 5710 5663 5673 5305	5575 5350 5581 5445 5379 5666 5389	5428 5605 5707 5475 5412 5648 5481	5556 5645 5381 5624 5479 5513 5393	5329 5686 5717 5273 5470 5427 5598
25 30 35 40 45 50 55	5536 5467 5710 5663 5673 5305 5649	5575 5350 5581 5445 5379 5666 5389 5711	5428 5605 5707 5475 5412 5648 5481 5365	5556 5645 5381 5624 5479 5513 5393 5457	5329 5686 5717 5273 5470 5427 5598 5709
25 30 35 40 45 50 55 60	5536 5467 5710 5663 5673 5305 5649 5694	5575 5350 5581 5445 5379 5666 5389 5711 5332	5428 5605 5707 5475 5412 5648 5481 5365 5641	5556 5645 5381 5624 5479 5513 5393 5457 5250	5329 5686 5717 5273 5470 5427 5598 5709 5387
25 30 35 40 45 50 55 60 65	5536 5467 5710 5663 5673 5305 5649 5694 5509	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424
25 30 35 40 45 50 55 60 65 70	5536 5467 5710 5663 5673 5305 5649 5694 5509 5622	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542 5314	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700 5510	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361 5296	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424 5336
25 30 35 40 45 50 55 60 65 70	5536 5467 5710 5663 5673 5305 5649 5694 5509 5622 5478	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542 5314 5595	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700 5510 5342	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361 5296 5565	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424 5336 5631
25 30 35 40 45 50 55 60 65 70 75	5536 5467 5710 5663 5673 5305 5649 5694 5509 5622 5478 5328	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542 5314 5595	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700 5510 5342 5661	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361 5296 5565 5508	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424 5336 5631 5415
25 30 35 40 45 50 55 60 65 70 75 80 85	5536 5467 5710 5663 5673 5305 5649 5694 5509 5622 5478 5328 5724	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542 5314 5595 5447 5330	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700 5510 5342 5661 5640	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361 5296 5565 5508 5287	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424 5336 5631 5415 5297
25 30 35 40 45 50 55 60 65 70 75	5536 5467 5710 5663 5673 5305 5649 5694 5509 5622 5478 5328	5575 5350 5581 5445 5379 5666 5389 5711 5332 5542 5314 5595	5428 5605 5707 5475 5412 5648 5481 5365 5641 5700 5510 5342 5661	5556 5645 5381 5624 5479 5513 5393 5457 5250 5361 5296 5565 5508	5329 5686 5717 5273 5470 5427 5598 5709 5387 5424 5336 5631 5415





Type 6 Radar Waveform_4							
Frequenc		T					
List	0	1	2	3	4		
(MHz)	5650	5652	5607	5600	5065		
0	5657	5653	5607	5600	5265		
5	5378	5499	5327	5668	5658		
10	5415 5547	5633	5681 5329	5254	5706		
15		5421		5470	5655		
20 25	5354 5677	5266 5333	5369 5274	5645 5720	5302 5509		
30	5664	5596	5491	5433	5584		
35	5566	5420	5426	5577	5693		
40	5495	5320	5710	5670	5595		
45	5628	5388	5358	5276	5260		
50	5569	5649	5263	5534	5309		
55	5663	5513	5303	5295	5399		
60	5316	5335	5488	5523	5310		
65	5256	5294	5425	5386	5496		
70	5299	5660	5454	5554	5462		
75	5708	5612	5580	5460	5442		
80	5672	5478	5624	5525	5268		
85	5482	5347	5411	5262	5646		
90	5290	5701	5510	5390	5503		
95	5270	5313	5610	5492	5485		
		Type 6 F	Radar Waveform	5			
Eraguana		Type 6 F	Radar Waveform_	_5			
Frequence List	o	Type 6 F	Radar Waveform_	3	4		
List (MHz)	0	1	2	3			
List (MHz) 0	o 5437	1 5417	2 5543	3 5286	5582		
List (MHz) 0 5	5437 5420	1 5417 5424	2 5543 5402	3 5286 5356	5582 5390		
List (MHz) 0 5 10	5437 5420 5346	1 5417 5424 5422	5543 5402 5722	3 5286 5356 5449	5582 5390 5252		
List (MHz) 0 5 10	5437 5420 5346 5635	1 5417 5424 5422 5548	5543 5402 5722 5432	3 5286 5356 5449 5515	5582 5390 5252 5372		
List (MHz) 0 5 10 15 20	5437 5420 5346 5635 5265	1 5417 5424 5422 5548 5335	5543 5402 5722 5432 5407	3 5286 5356 5449 5515 5637	5582 5390 5252 5372 5275		
List (MHz) 0 5 10 15 20 25	5437 5420 5346 5635 5265 5690	1 5417 5424 5422 5548 5335 5529	5543 5402 5722 5432 5407 5439	3 5286 5356 5449 5515 5637 5475	5582 5390 5252 5372 5275 5279		
List (MHz) 0 5 10 15 20 25 30	5437 5420 5346 5635 5265 5690 5551	1 5417 5424 5422 5548 5335 5529 5456	5543 5402 5722 5432 5407 5439 5621	3 5286 5356 5449 5515 5637 5475 5336	5582 5390 5252 5372 5275 5279 5643		
List (MHz) 0 5 10 15 20 25 30 35	5437 5420 5346 5635 5265 5690 5551 5253	1 5417 5424 5422 5548 5335 5529 5456 5626	5543 5402 5722 5432 5407 5439 5621 5657	3 5286 5356 5449 5515 5637 5475 5336 5691	5582 5390 5252 5372 5275 5279 5643 5676		
List (MHz) 0 5 10 15 20 25 30 35 40	5437 5420 5346 5635 5265 5690 5551 5253 5491	1 5417 5424 5422 5548 5335 5529 5456 5626 5532	5543 5402 5722 5432 5407 5439 5621 5657 5578	3 5286 5356 5449 5515 5637 5475 5336 5691 5258	5582 5390 5252 5372 5275 5279 5643 5676 5667		
List (MHz) 0 5 10 15 20 25 30 35 40 45	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608	2 5543 5402 5722 5432 5439 5621 5657 5578 5301	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611	2 5543 5402 5722 5432 5407 5439 5621 5657 5578 5301 5270	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352		
List (MHz) 0 5 10 15 20 25 30 35 40 45	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608	2 5543 5402 5722 5432 5439 5621 5657 5578 5301	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631	2 5543 5402 5722 5432 5439 5621 5657 5578 5301 5270 5358	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357 5710	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631 5274	2 5543 5402 5722 5432 5439 5621 5657 5578 5301 5270 5358 5327	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617 5564	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616 5712		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357 5710 5623	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631 5274 5636	2 5543 5402 5722 5432 5407 5439 5621 5657 5578 5301 5270 5358 5327 5531	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617 5564 5724	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616 5712 5259		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357 5710 5623 5466	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631 5274 5636 5636	2 5543 5402 5722 5432 5439 5621 5657 5578 5301 5270 5358 5327 5531 5606	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617 5564 5724 5555	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616 5712 5259 5579		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357 5710 5623 5466 5399	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631 5274 5636 5636 5661 5509	2 5543 5402 5722 5432 5439 5621 5657 5578 5301 5270 5358 5327 5531 5606 5333	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617 5564 5724 5555 5513	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616 5712 5259 5579 5268		
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5437 5420 5346 5635 5265 5690 5551 5253 5491 5427 5541 5357 5710 5623 5466 5399 5485	1 5417 5424 5422 5548 5335 5529 5456 5626 5532 5608 5611 5631 5274 5636 5661 5509 5570	2 5543 5402 5722 5432 5407 5439 5621 5657 5578 5301 5270 5358 5327 5531 5606 5333 5698	3 5286 5356 5449 5515 5637 5475 5336 5691 5258 5446 5700 5617 5564 5724 5555 5513 5361	5582 5390 5252 5372 5275 5279 5643 5676 5667 5411 5352 5616 5712 5259 5579 5268 5638		

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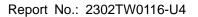




Type 6 Radar Waveform_6						
Frequence List (MHz)	0	1	2	3	4	
0	5692	5656	5479	5447	5327	
5	5462	5446	5477	5519	5694	
10	5655	5308	5288	5547	5273	
15	5723	5675	5535	5560	5564	
20	5501	5348	5251	5578	5478	
25	5642	5579	5313	5690	5345	
30	5551	5417	5451	5290	5370	
35	5487	5354	5502	5468	5283	
40	5671	5618	5664	5356	5588	
45	5384	5504	5464	5428	5276	
50	5441	5575	5449	5571	5331	
55	5529	5720	5456	5254	5657	
60	5455	5559	5683	5652	5298	
65	5409	5627	5565	5402	5358	
70	5309	5472	5615	5605	5422	
75	5609	5680	5525	5701	5537	
80	5646	5263	5698	5473	5552	
85	5667	5556	5619	5361	5562	
90	5546	5380	5281	5287	5471	
95	5503	5649	5548	5607	5467	

Frequenc List (MHz)	0	1	2	3	4
0	5472	5420	5415	5608	5644
5	5504	5371	5552	5585	5426
10	5586	5572	5329	5267	5294
15	5714	5327	5638	5508	5281
20	5667	5289	5718	5696	5369
25	5330	5370	5683	5347	5257
30	5709	5535	5669	5569	5271
35	5429	5461	5380	5507	5416
40	5307	5366	5609	5383	5661
45	5285	5568	5467	5465	5517
50	5693	5266	5622	5627	5381
55	5422	5637	5525	5521	5348
60	5594	5419	5602	5287	5385
65	5423	5273	5632	5688	5251
70	5687	5699	5551	5502	5431
75	5584	5250	5468	5652	5260
80	5592	5615	5549	5580	5333
85	5438	5506	5440	5603	5721
90	5625	5395	5444	5655	5651
95	5435	5362	5660	5353	5326

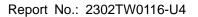
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Type 6 Radar Waveform_8							
Frequenc	Frequenc						
List (MHz)	0	1	2	3	4		
0	5252	5659	5351	5294	5389		
5	5643	5393	5627	5273	5633		
10	5517	5361	5370	5462	5315		
15	5327	5454	5266	5553	5473		
20	5667	5261	5332	5669	5257		
25	5279	5573	5312	5381	5299		
30	5695	5492	5409	5343	5469		
35	5568	5552	5651	5282	5330		
40	5621	5449	5547	5623	5280		
45	5592	5451	5550	5523	5580		
50	5617	5323	5378	5716	5679		
55	5366	5350	5479	5614	5545		
60	5565	5714	5584	5594	5308		
65	5466	5571	5581	5340	5618		
70	5490	5537	5505	5434	5390		
75	5611	5541	5328	5516	5281		
80	5612	5452	5519	5510	5306		
85	5557	5688	5326	5411	5631		
90	5704	5289	5668	5346	5558		
95	5429	5521	5657	5436	5339		
		Type 6 Rad	lar Waveform_9				
Frequence List (MHz)	o	1	2	3	4		
0	5410	5423	5287	5358	5706		
5	5685	5318	5702	5436	5462		
10	5351	5625	5411	5657	5336		
15	5415	5484	5272	5598	5675		
20	5427	5268	5324	5642	5523		
25	5606	5301	5513	5438	5584		
30	5449	5624	5495	5289	5610		
35	5643	5447	5435	5341	5460		
40	5532	5485	5388	5277	5521		
45	5431	5633	5581	5526	5370		
50	5493	5499	5429	5330	5502		
55	5688	5538	5433	5329	5364		
60	5536	5368	5274	5589	5609		
65	5412	5297	5530	5663	5550		
70	5413	5293	5465	5620	5605		
	5202	5712	5349	5425	5490		
75	5283	3/12					
80	5614	5445	5512	5269	5452		
				5269 5511			
80	5614	5445	5512		5452		

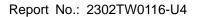
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Type 6 Radar Waveform_10						
Frequenc						
List (MHz)	O	1	2	3	4	
0	5665	5662	5698	5519	5451	
5	5252	5340	5302	5599	5669	
10	5282	5414	5452	5377	5357	
15	5503	5611	5375	5643	5479	
20	5683	5496	5684	5413	5615	
25	5411	5458	5407	5617	5449	
30	5480	5473	5406	5364	5269	
35	5584	5274	5259	5588	5255	
40	5299	5712	5423	5531	5353	
45	5716	5542	5579	5257	5369	
50	5675	5419	5325	5632	5251	
55	5387	5658	5507	5400	5439	
60	5534	5355	5435	5358	5498	
65	5602	5382	5305	5474	5634	
70	5606	5608	5607	5688	5308	
75	5394	5513	5595	5570	5553	
80	5609	5575	5509	5464	5678	
85	5416	5614	5562	5709	5344	
90	5266	5468	5410	5702	5600	
95	5668	5635	5442	5372	5385	
Type 6 Radar Waveform_11						
		Type o Rua	ai wavelolili_li			
Frequence List (MHz)	o	1	2	3	4	
List (MHz)	0	1	2			
List (MHz)	0 5445	1 5523	2 5634	5680	5293	
List (MHz) 0 5	0 5445 5294	1 5523 5265	2 5634 5377	5680 5665	5293 5401	
List (MHz) 0 5 10	5445 5294 5591	5523 5265 5300	2 5634 5377 5493	5680 5665 5475	5293 5401 5378	
List (MHz) 0 5 10 15	5445 5294 5591 5494	5523 5265 5300 5263	2 5634 5377 5493 5478	5680 5665 5475 5671	5293 5401 5378 5594	
List (MHz) 0 5 10	5445 5294 5591	5523 5265 5300	2 5634 5377 5493	5680 5665 5475	5293 5401 5378	
List (MHz) 0 5 10 15 20	5445 5294 5591 5494 5662	5523 5265 5300 5263 5722	2 5634 5377 5493 5478 5405	5680 5665 5475 5671 5588	5293 5401 5378 5594 5677	
List (MHz) 0 5 10 15 20 25 30	5445 5294 5591 5494 5662 5407	5523 5265 5300 5263 5722 5610	2 5634 5377 5493 5478 5405 5721	5680 5665 5475 5671 5588 5483	5293 5401 5378 5594 5677 5522	
List (MHz) 0 5 10 15 20 25	5445 5294 5591 5494 5662 5407 5459	5523 5265 5300 5263 5722 5610 5363	2 5634 5377 5493 5478 5405 5721 5482	5680 5665 5475 5671 5588 5483 5421	5293 5401 5378 5594 5677 5522 5307	
List (MHz) 0 5 10 15 20 25 30 35	5445 5294 5591 5494 5662 5407 5459 5413	5523 5265 5300 5263 5722 5610 5363 5447	2 5634 5377 5493 5478 5405 5721 5482 5611	5680 5665 5475 5671 5588 5483 5421 5644	5293 5401 5378 5594 5677 5522 5307 5710	
List (MHz) 0 5 10 15 20 25 30 35 40	5445 5294 5591 5494 5662 5407 5459 5413 5320	5523 5265 5300 5263 5722 5610 5363 5447 5361	2 5634 5377 5493 5478 5405 5721 5482 5611 5296	5680 5665 5475 5671 5588 5483 5421 5644 5271	5293 5401 5378 5594 5677 5522 5307 5710 5282	
List (MHz) 0 5 10 15 20 25 30 35 40 45	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391	5523 5265 5300 5263 5722 5610 5363 5447 5361 5324	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376	5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358 5689	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428 5706	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341 5604	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341 5604 5638 5592 5266	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358 5689 5708 5633	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304 5575 5456 5371	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321 5277 5567 5576	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428 5706 5267 5347	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341 5604 5638 5592 5266 5561	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358 5689 5708 5633 5334	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304 5575 5456 5371 5676	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321 5277 5567 5576 5506	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428 5706 5267 5347 5659	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341 5604 5638 5592 5266 5561 5258	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358 5689 5708 5633 5334 5617	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304 5575 5456 5371 5676 5379	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321 5277 5567 5576 5506 5514	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428 5706 5267 5347 5659 5579	
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5445 5294 5591 5494 5662 5407 5459 5413 5320 5391 5376 5341 5604 5638 5592 5266 5561	1 5523 5265 5300 5263 5722 5610 5363 5447 5361 5324 5531 5709 5358 5689 5708 5633 5334	2 5634 5377 5493 5478 5405 5721 5482 5611 5296 5600 5605 5477 5304 5575 5456 5371 5676	5680 5665 5475 5671 5588 5483 5421 5644 5271 5632 5479 5381 5321 5277 5567 5576 5506	5293 5401 5378 5594 5677 5522 5307 5710 5282 5623 5439 5529 5428 5706 5267 5347 5659	

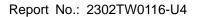
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Type 6 Radar Waveform_12						
Frequenc	:	1	1	1		
List (MHz)	0	1	2	3	4	
0	5700	5287	5570	5366	5513	
5	5433	5452	5353	5705	5522	
10	5564	5631	5670	5399	5582	
15	5390	5581	5636	5388	5602	
20	5256	5663	5494	5561	5565	
25	5259	5338	5350	5517	5661	
30	5348	5320	5697	5552	5538	
35	5407	5516	5655	5549	5403	
40	5677	5536	5268	5686	5371	
45	5658	5685	5409	5499	5455	
50	5694	5349	5423	5530	5295	
55	5424	5674	5352	5294	5659	
60	5347	5377	5370	5555	5400	
65	5675	5711	5683	5543	5701	
70	5710	5278	5514	5557	5502	
75	5671	5590	5365	5323	5503	
80	5379	5258	5459	5439	5706	
85	5447	5567	5633	5362	5596	
90	5277	5610	5531	5358	5722	
95	5529	5460	5465	5334	5319	
		Type 6 R	adar Waveform_	13		
Frequenc		1				
List						
(MHz)	0	1	2	3	4	
0	5383	5526	5506	5527	5355	
5		5526 5687				
0 5 10	5383 5475 5353	5526 5687 5672	5506 5516 5390	5527 5437 5420	5355 5453 5670	
0 5 10 15	5383 5475 5353 5517	5526 5687 5672 5684	5506 5516 5390 5681	5527 5437 5420 5580	5355 5453 5670 5610	
0 5 10 15 20	5383 5475 5353 5517 5422	5526 5687 5672 5684 5604	5506 5516 5390 5681 5486	5527 5437 5420 5580 5534	5355 5453 5670 5610 5356	
0 5 10 15 20 25	5383 5475 5353 5517 5422 5683	5526 5687 5672 5684 5604 5541	5506 5516 5390 5681 5486 5551	5527 5437 5420 5580 5534 5703	5355 5453 5670 5610 5356 5334	
0 5 10 15 20 25 30	5383 5475 5353 5517 5422 5683 5277	5526 5687 5672 5684 5604 5541 5347	5506 5516 5390 5681 5486 5551 5325	5527 5437 5420 5580 5534 5703 5594	5355 5453 5670 5610 5356 5334 5629	
0 5 10 15 20 25 30 35	5383 5475 5353 5517 5422 5683 5277 5678	5526 5687 5672 5684 5604 5541 5347 5669	5506 5516 5390 5681 5486 5551 5325 5569	5527 5437 5420 5580 5534 5703 5594 5388	5355 5453 5670 5610 5356 5334 5629 5583	
0 5 10 15 20 25 30 35 40	5383 5475 5353 5517 5422 5683 5277 5678 5615	5526 5687 5672 5684 5604 5541 5347 5669 5301	5506 5516 5390 5681 5486 5551 5325 5569 5362	5527 5437 5420 5580 5534 5703 5594 5388 5518	5355 5453 5670 5610 5356 5334 5629 5583 5351	
0 5 10 15 20 25 30 35 40 45	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375	
0 5 10 15 20 25 30 35 40 45 50	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270	
0 5 10 15 20 25 30 35 40 45 50	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323	
0 5 10 15 20 25 30 35 40 45 50 55	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485	
0 5 10 15 20 25 30 35 40 45 50 55 60 65	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256	
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293 5262	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345 5358	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326 5472	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613 5661	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256 5714	
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293 5262 5532	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345 5358 5519	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326 5472 5660	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613 5661 5582	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256 5714 5398	
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293 5262 5532 5657	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345 5358 5519 5538	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326 5472 5660 5279	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613 5661 5582 5371	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256 5714 5398 5529	
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293 5262 5532 5657 5386	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345 5358 5519 5538 5500	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326 5472 5660 5279 5574	5527 5437 5420 5580 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613 5661 5582 5371 5636	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256 5714 5398 5529 5402	
0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5383 5475 5353 5517 5422 5683 5277 5678 5615 5490 5631 5718 5312 5293 5262 5532 5657	5526 5687 5672 5684 5604 5541 5347 5669 5301 5619 5633 5724 5459 5345 5358 5519 5538	5506 5516 5390 5681 5486 5551 5325 5569 5362 5263 5308 5614 5466 5326 5472 5660 5279	5527 5437 5420 5580 5534 5703 5594 5388 5518 5674 5647 5493 5423 5613 5661 5582 5371	5355 5453 5670 5610 5356 5334 5629 5583 5351 5375 5270 5323 5485 5256 5714 5398 5529	

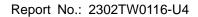
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		Type 6 Rad	dar Waveform_14		
Frequenc	-				
List (MHz)	0	1	2	3	4
0	5638	5290	5442	5688	5575
5	5517	5709	5602	5679	5644
10	5287	5617	5713	5585	5441
15	5283	5547	5690	5629	5297
20	5521	5491	5545	5507	5719
25	5535	5269	5655	5270	5698
30	5652	5596	5620	5258	5720
35	5571	5444	5483	5702	5666
40	5553	5359	5447	5331	5573
45	5677	5316	5561	5251	5332
50	5684	5397	5470	5689	5431
55	5581	5329	5312	5294	5624
60	5411	5255	5408	5714	5546
65	5275	5649	5466	5532	5636
70	5641	5647	5339	5381	5495
75	5619	5551	5421	5703	5616
80	5531	5319	5627	5693	5449
85	5497	5391	5539	5715	5462
90	5518	5280	5572	5654	5380
95	5451	5289	5342	5277	5274
		Type 6 Rad	dar Waveform_15		
Frequence List (MHz)	0	1	2	3	4
0	5418	5529	5378	5374	5417
5	5559	5634	5677	5270	5473
10	5693	5406	5279	5305	5462
15	5274	5674	5318	5489	5657
20	5583	5567	5480	5607	5387
25	5375	5284	5619	5409	5587
30	5666	5295	5273	5343	5397
35	5336	5367	5597	5638	5491
40	5684	5356	5689	5656	5260
AE					
45	5272	5351	5505	5508	5293
50	5272 5536				5293 5643
50 55	5536 5314	5351	5505	5508 5509 5282	
50 55 60	5536 5314 5699	5351 5535 5562 5588	5505 5422 5709 5298	5508 5509 5282 5424	5643 5369 5342
50 55 60 65	5536 5314 5699 5713	5351 5535 5562 5588 5633	5505 5422 5709 5298 5705	5508 5509 5282 5424 5471	5643 5369 5342 5578
50 55 60 65 70	5536 5314 5699 5713 5520	5351 5535 5562 5588 5633 5541	5505 5422 5709 5298 5705 5371	5508 5509 5282 5424 5471 5308	5643 5369 5342 5578 5332
50 55 60 65 70 75	5536 5314 5699 5713 5520 5408	5351 5535 5562 5588 5633 5541 5285	5505 5422 5709 5298 5705 5371 5512	5508 5509 5282 5424 5471 5308 5586	5643 5369 5342 5578 5332 5539
50 55 60 65 70 75 80	5536 5314 5699 5713 5520 5408 5557	5351 5535 5562 5588 5633 5541 5285 5425	5505 5422 5709 5298 5705 5371 5512 5710	5508 5509 5282 5424 5471 5308 5586 5720	5643 5369 5342 5578 5332 5539 5526
50 55 60 65 70 75 80 85	5536 5314 5699 5713 5520 5408 5557 5427	5351 5535 5562 5588 5633 5541 5285 5425 5616	5505 5422 5709 5298 5705 5371 5512 5710 5392	5508 5509 5282 5424 5471 5308 5586 5720 5286	5643 5369 5342 5578 5332 5539 5526 5400
50 55 60 65 70 75 80	5536 5314 5699 5713 5520 5408 5557	5351 5535 5562 5588 5633 5541 5285 5425	5505 5422 5709 5298 5705 5371 5512 5710	5508 5509 5282 5424 5471 5308 5586 5720	5643 5369 5342 5578 5332 5539 5526

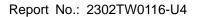
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Type 6 Radar Waveform_16								
Frequence List (MHz)	o	1	2	3	4			
0	5673	5293	5314	5535	5637			
5	5698	5656	5277	5433	5680			
10	5624	5292	5320	5403	5483			
15	5362	5326	5421	5719	5681			
20	5537	5251	5524	5453	5398			
25	5336	5578	5388	5556	5451			
30	5573	5623	5510	5522	5638			
35	5439	5427	5275	5408	5477			
40	5357	5429	5449	5353	5683			
45	5669	5264	5696	5325	5713			
50	5381	5684	5311	5672	5494			
55	5480	5332	5489	5612	5328			
60	5614	5602	5479	5301	5394			
65	5632	5703	5570	5648	5508			
70	5694	5620	5310	5716	5442			
75	5457	5350	5392	5661	5417			
80	5560	5664	5306	5496	5485			
85	5330	5588	5577	5675	5313			
90	5419	5395	5523	5455	5412			
95	5411	5303	5399	5273	5707			
Type 6 Radar Waveform_17								
		71						
Frequence List (MHz)	o	1	2	3	4			
	o 5453			3 5599	4 5479			
List (MHz)	0 5453	1	2		5479			
List (MHz)	0	1 5532 5581	2 5250 5352	5599	5479 5412			
List (MHz) 0 5	0 5453 5265	5532	2 5250	5599 5596	5479			
List (MHz) 0 5 10	5453 5265 5458	5532 5581 5556	5250 5352 5361	5599 5596 5598	5479 5412 5504			
List (MHz) 0 5 10	5453 5265 5458 5450	5532 5581 5556 5524	5250 5352 5361 5289	5599 5596 5598 5495	5479 5412 5504 5448			
List (MHz) 0 5 10 15 20	5453 5265 5458 5450 5417	5532 5581 5556 5524 5465	5250 5352 5361 5289 5648	5599 5596 5598 5495 5426	5479 5412 5504 5448 5286			
List (MHz) 0 5 10 15 20 25	5453 5265 5458 5450 5417 5663	5532 5581 5556 5524 5465 5306	2 5250 5352 5361 5289 5648 5492	5599 5596 5598 5495 5426 5590	5479 5412 5504 5448 5286 5493			
List (MHz) 0 5 10 15 20 25 30 35 40	5453 5265 5458 5450 5417 5663 5462	5532 5581 5556 5524 5465 5306 5580 5525 5592	2 5250 5352 5361 5289 5648 5492 5296	5599 5596 5598 5495 5426 5590 5578	5479 5412 5504 5448 5286 5493 5615 5537 5649			
List (MHz) 0 5 10 15 20 25 30 35	5453 5265 5458 5450 5417 5663 5462 5531	5532 5581 5556 5524 5465 5306 5580 5525	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378	5599 5596 5598 5495 5426 5590 5578 5316	5479 5412 5504 5448 5286 5493 5615 5537			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5453 5265 5458 5450 5417 5663 5462 5531 5367	5532 5581 5556 5524 5465 5306 5580 5525 5592	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327	5479 5412 5504 5448 5286 5493 5615 5537 5649			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5340	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5340 5326	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586 5496	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423 5560	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702 5559	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445 5337			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5340 5326 5552	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586 5496 5613	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423 5560 5260	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702 5559 5391	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445 5337 5501			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5340 5326 5552 5345	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586 5496 5613 5338	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423 5560 5260 5522	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702 5559 5391 5553	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445 5337 5501 5374			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5343 5340 5326 5552 5345 5404	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586 5496 5613 5338 5301	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423 5560 5260 5522 5407	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702 5559 5391 5553 5540	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445 5337 5501 5374 5510			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5453 5265 5458 5450 5417 5663 5462 5531 5367 5347 5385 5443 5343 5340 5326 5552 5345	1 5532 5581 5556 5524 5465 5306 5580 5525 5592 5279 5362 5622 5701 5586 5496 5613 5338	2 5250 5352 5361 5289 5648 5492 5296 5322 5350 5378 5317 5585 5393 5423 5560 5260 5522	5599 5596 5598 5495 5426 5590 5578 5316 5612 5503 5327 5256 5597 5702 5559 5391 5553	5479 5412 5504 5448 5286 5493 5615 5537 5649 5257 5520 5644 5660 5445 5337 5501 5374			

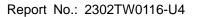
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Type 6 Radar Waveform_18						
Frequenc	:					
List (MHz)	0	1	2	3	4	
Ò	5611	5296	5661	5285	5699	
5	5307	5603	5427	5284	5619	
10	5389	5345	5402	5318	5525	
15	5538	5580	5627	5712	5687	
20	5456	5583	5503	5262	5399	
25	5552	5612	5509	5693	5624	
30	5535	5351	5537	5368	5448	
35	5656	5717	5706	5327	5678	
40	5711	5630	5620	5305	5357	
45	5444	5629	5430	5337	5431	
50	5390	5608	5561	5413	5375	
55	5615	5271	5708	5397	5517	
60	5441	5556	5385	5334	5288	
65	5595	5594	5546	5599	5550	
70	5381	5701	5551	5688	5545	
75	5302	5455	5426	5606	5540	
80	5492	5565	5323	5388	5696	
85	5655	5411	5617	5421	5582	
90	5416	5539	5410	5516	5557	
95	5477	5682	5587	5417	5366	
		Type 6 Rad	dar Waveform_19			
Frequenc List (MHz)	0	1	2	3	4	
(IVIII)					4	
0	5391	5535	5597			
<u>0</u> 5	5391 5349	5535 5625	5597 5502	5446	5444	
5	5349	5625	5502	5446 5447	5444 5448	
5 10				5446 5447 5513	5444	
5	5349 5698	5625 5609 5610	5502 5540	5446 5447	5444 5448 5546	
5 10 15	5349 5698 5529	5625 5609	5502 5540 5633	5446 5447 5513 5282	5444 5448 5546 5404	
5 10 15 20	5349 5698 5529 5464	5625 5609 5610 5652	5502 5540 5633 5254	5446 5447 5513 5282 5372	5444 5448 5546 5404 5440	
5 10 15 20 25	5349 5698 5529 5464 5712	5625 5609 5610 5652 5322	5502 5540 5633 5254 5658	5446 5447 5513 5282 5372 5674	5444 5448 5546 5404 5440 5337	
5 10 15 20 25 30	5349 5698 5529 5464 5712 5494	5625 5609 5610 5652 5322 5583	5502 5540 5633 5254 5658 5697	5446 5447 5513 5282 5372 5674 5476	5444 5448 5546 5404 5440 5337 5381	
5 10 15 20 25 30 35	5349 5698 5529 5464 5712 5494 5598	5625 5609 5610 5652 5322 5583 5356	5502 5540 5633 5254 5658 5697 5722	5446 5447 5513 5282 5372 5674 5476 5469	5444 5448 5546 5404 5440 5337 5381 5703	
5 10 15 20 25 30 35 40	5349 5698 5529 5464 5712 5494 5598 5621	5625 5609 5610 5652 5322 5583 5356 5441	5502 5540 5633 5254 5658 5697 5722 5373	5446 5447 5513 5282 5372 5674 5476 5469 5395	5444 5448 5546 5404 5440 5337 5381 5703 5484	
5 10 15 20 25 30 35 40 45 50	5349 5698 5529 5464 5712 5494 5598 5621 5655	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596	5502 5540 5633 5254 5658 5697 5722 5373 5262	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593	
5 10 15 20 25 30 35 40 45 50 55 60	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651	
5 10 15 20 25 30 35 40 45 50 55 60 65	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5638 5462 5382 5479	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278	
5 10 15 20 25 30 35 40 45 50 55 60 65 70	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5635 5548 5449	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382 5479 5274	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521	
5 10 15 20 25 30 35 40 45 50 55 60 65 70	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382 5479 5274 5369	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483	
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675 5723	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482 5594	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382 5479 5274 5369 5471	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483 5334	
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385 5386	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675 5723 5536	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482 5594 5614	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382 5479 5274 5369 5471 5704	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483 5334 5416	
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675 5723	5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482 5594	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638 5462 5382 5479 5274 5369 5471	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483 5334	

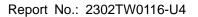
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	Type 6 Radar Waveform_20						
Frequenc	-1		1				
List (MHz)	0	1	2	3	4		
0	5646	5299	5533	5607	5286		
5	5488	5550	5577	5513	5655		
10	5629	5398	5581	5708	5567		
15	5617	5262	5261	5327	5596		
20	5375	5343	5385	5345	5706		
25	5316	5426	5692	5716	5701		
30	5451	5323	5374	5674	5423		
35	5413	5394	5606	5636	5405		
40	5408	5559	5362	5438	5680		
45	5589	5356	5537	5542	5263		
50	5515	5650	5639	5512	5305		
55	5422	5457	5401	5643	5275		
60	5294	5508	5584	5618	5444		
65	5574	5592	5543	5685	5317		
70	5282	5551	5328	5254	5373		
75	5549	5569	5320	5502	5521		
80	5310	5546	5285	5626	5436		
85	5434	5526	5490	5620	5519		
90	5255	5325	5637	5688	5675		
95	5478	5448	5338	5556	5605		
		Type 6 Rad	ar Waveform_21				
Frequence List (MHz)	0	1	2	3	4		
0	5426	5538	5469	5293	5506		
5	5530	5572	5652	5676	5387		
10	5560	5662	5622	5331	5588		
15	5705	5389	5364	5372	5313		
20	5383	5412	5423	5335	5318		
25	5594	5265	5546	5251	5283		
30	5590	5408	5623	5494	5562		
35	5504	5287	5284	5550	5719		
40	5491	5497	5505	5435	5609		
45	5472	5679	5414	5493	5332		
50	5614	5566	5264	5462	5384		
55	5700	5259	5612	5276	5675		
60	5451	5695	5601	5431	5344		
				5000	E 400		
65	5393	5610	5424	5338	5488		
70	5393 5486	5268	5424 5651	5555	5518		
70	5486 5689 5519	5268	5651	5555	5518 5323 5626		
70 75 80 85	5486 5689 5519 5278	5268 5463 5697 5621	5651 5483 5282 5694	5555 5298 5428 5541	5518 5323 5626 5632		
70 75 80	5486 5689 5519	5268 5463 5697	5651 5483 5282	5555 5298 5428	5518 5323 5626		

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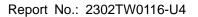




Type 6 Radar Waveform_22						
Frequer List (MHz)	0	1	2	3	4	
0	5584	5302	5405	5454	5348	
5	5572	5497	5252	5364	5691	
10	5394	5548	5663	5526	5609	
15	5318	5516	5467	5320	5505	
20	5391	5578	5424	5291	5482	
25	5592	5274	5256	5285	5422	
30	5576	5365	5656	5300	5692	
35	5701	5558	5437	5561	5574	
40	5435	5270	5432	5538	5452	
45	5287	5472	5546	5694	5393	
50	5315	5617	5353	5328	5413	
55	5688	5705	5473	5721	5329	
60	5616	5640	5433	5257	5573	
65	5642	5342	5646	5634	5254	
70	5654	5404	5390	5334	5606	
75	5464	5550	5386	5672	5279	
80	5623	5529	5457	5338	5562	
85	5495	5641	5355	5724	5531	
90	5380	5722	5310	5510	5371	
95	5406	5349	5356	5649	5554	

Frequenc List (MHz)	0	1	2	3	4
0	5364	5541	5341	5615	5568
5	5614	5519	5327	5527	5423
10	5325	5337	5704	5721	5630
15	5309	5643	5570	5365	5697
20	5302	5647	5305	5416	5264
25	5273	5477	5360	5319	5464
30	5465	5322	5396	5549	5512
35	5268	5308	5354	5687	5475
40	5397	5657	5373	5510	5526
45	5370	5432	5433	5599	5484
50	5269	5491	5668	5442	5583
55	5650	5601	5642	5420	5292
60	5692	5458	5306	5585	5362
65	5558	5368	5291	5466	5500
70	5569	5252	5715	5279	5253
75	5560	5250	5359	5357	5652
80	5542	5705	5543	5556	5453
85	5276	5440	5534	5517	5546
90	5414	5537	5260	5392	5591
95	5288	5452	5554	5408	5660

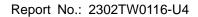
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Type 6 Radar Waveform_24								
Frequence List (MHz)	0	1	2	3	4			
0	5619	5305	5277	5679	5410			
5	5278	5444	5402	5593	5630			
10	5256	5601	5270	5441	5651			
15	5397	5673	5576	5511	5310			
20	5338	5343	5505	5712	5636			
25	5393	5680	5464	5353	5506			
30	5451	5279	5611	5701	5710			
35	5407	5399	5722	5365	5389			
40	5333	5362	5311	5275	5523			
45	5299	5412	5453	5491	5652			
50	5371	5620	5667	5719	5628			
55	5309	5594	5314	5596	5610			
60	5586	5663	5587	5471	5627			
65	5669	5481	5465	5666	5715			
70	5621	5676	5295	5372	5324			
75	5323	5282	5577	5536	5684			
80	5328	5477	5320	5482	5556			
85	5337	5617	5420	5273	5635			
90	5432	5376	5480	5625	5395			
95	5500	5662	5373	5579	5640			
Type 6 Radar Waveform_25								
		Type 6 R	adar Waveform_2	25				
Frequence List (MHz)	О	Type 6 R	adar Waveform_2	3	4			
List (MHz)	0	1	2	3				
List (MHz)	5399	1 5544	2 5688	3 5365	5630			
List (MHz) 0 5	5399 5320	1 5544 5466	2 5688 5477	3 5365 5281	5630 5459			
List (MHz) 0 5 10	5399	1 5544 5466 5390	2 5688	3 5365	5630			
List (MHz) 0 5	5399 5320 5565	1 5544 5466	2 5688 5477 5311	5365 5281 5636	5630 5459 5672			
List (MHz) 0 5 10	5399 5320 5565 5485	1 5544 5466 5390 5325	5688 5477 5311 5679	3 5365 5281 5636 5455	5630 5459 5672 5703			
List (MHz) 0 5 10 15 20	5399 5320 5565 5485 5318	5544 5466 5390 5325 5407	5688 5477 5311 5679 5284	3 5365 5281 5636 5455 5497	5630 5459 5672 5703 5685			
List (MHz) 0 5 10 15 20 25	5399 5320 5565 5485 5318 5427	5544 5466 5390 5325 5407 5720	5688 5477 5311 5679 5284 5408	3 5365 5281 5636 5455 5497 5568	5630 5459 5672 5703 5685 5387			
List (MHz) 0 5 10 15 20 25 30	5399 5320 5565 5485 5318 5427 5645	5544 5466 5390 5325 5407 5720 5340	2 5688 5477 5311 5679 5284 5408 5711	3 5365 5281 5636 5455 5497 5568 5351	5630 5459 5672 5703 5685 5387 5475			
List (MHz) 0 5 10 15 20 25 30 35	5399 5320 5565 5485 5318 5427 5645 5530	5544 5466 5390 5325 5407 5720 5340 5546	2 5688 5477 5311 5679 5284 5408 5711 5490	3 5365 5281 5636 5455 5497 5568 5351 5518	5630 5459 5672 5703 5685 5387 5475 5400			
List (MHz) 0 5 10 15 20 25 30 35 40	5399 5320 5565 5485 5318 5427 5645 5530 5647	5544 5466 5390 5325 5407 5720 5340 5546 5445	2 5688 5477 5311 5679 5284 5408 5711 5490 5724	3 5365 5281 5636 5455 5497 5568 5351 5518 5418	5630 5459 5672 5703 5685 5387 5475 5400 5520			
List (MHz) 0 5 10 15 20 25 30 35 40 45	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606	5544 5466 5390 5325 5407 5720 5340 5546 5445 5392	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496	5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496 5441 5572	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405 5501	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550 5307 5662 5329	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634 5411	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716 5286			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496 5441 5572 5657	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405 5501 5508	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550 5307 5662	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634 5411 5553 5512 5504	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716 5286 5493 5643 5259			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496 5441 5572 5657 5309 5675 5666	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405 5501 5508 5382 5597 5593	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550 5307 5662 5329 5366 5306	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634 5411 5553 5512	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716 5286 5493 5643 5259 5648			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496 5441 5572 5657 5309 5675	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405 5501 5508 5382 5597 5593 5335	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550 5307 5662 5329 5366	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634 5411 5553 5512 5504	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716 5286 5493 5643 5259			
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5399 5320 5565 5485 5318 5427 5645 5530 5647 5606 5496 5441 5572 5657 5309 5675 5666	1 5544 5466 5390 5325 5407 5720 5340 5546 5445 5392 5368 5405 5501 5508 5382 5597 5593	2 5688 5477 5311 5679 5284 5408 5711 5490 5724 5536 5295 5550 5307 5662 5329 5366 5306	3 5365 5281 5636 5455 5497 5568 5351 5518 5418 5549 5717 5634 5411 5553 5512 5504 5483	5630 5459 5672 5703 5685 5387 5475 5400 5520 5705 5607 5716 5286 5493 5643 5259 5648			

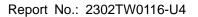
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		Type 6 R	Type 6 Radar Waveform_26						
Frequence List	c O	1	2	3	4				
(MHz)		1	2	٦	1				
0	5557	5405	5624	5526	5472				
5	5362	5391	5552	5444	5666				
10	5496	5654	5352	5259	5693				
15	5573	5452	5307	5403	5420				
20	5704	5700	5586	5658	5315				
25	5669	5514	5294	5421	5687				
30	5668	5469	5627	5350	5685				
35	5581	5314	5293	5486	5528				
40	5662	5517	5535	5372	5619				
45	5510	5283	5523	5275	5544				
50	5346	5331	5430	5385	5593				
55	5407	5515	5602	5508	5273				
60	5326	5333	5608	5454	5710				
65	5596	5718	5457	5356	5565				
70	5295	5653	5488	5505	5644				
75	5717	5509	5485	5511	5679				
80	5374	5470	5643	5645	5550				
85	5713	5632	5503	5437	5703				
90	5683	5434	5652	5276	5622				
95	5412	5530	5640	5438	5603				
		Type 6 R	adar Waveform_	27					
Frequen	c	,		2	4				
List (MHz)	0	1	2	3	4				
0	5337	5644	5560	5687	5692				
5	5501	5413	5627	5607	5398				
10	5427	5540	5490	5454	5714				
15	5564	5579	5410	5448	5612				
20	5712	5264	5641	5500	5631				
25			5011	5578	3031				
	5581	5521	5717	5455	5254				
30	5690	5625	5717 5684	5455 5401	5254 5548				
30 35	5690 5252	5625 5672	5717 5684 5585	5455 5401 5446	5254 5548 5703				
30 35 40	5690 5252 5325	5625 5672 5611	5717 5684 5585 5503	5455 5401 5446 5423	5254 5548 5703 5514				
30 35 40 45	5690 5252 5325 5367	5625 5672 5611 5255	5717 5684 5585 5503 5702	5455 5401 5446 5423 5568	5254 5548 5703 5514 5313				
30 35 40 45 50	5690 5252 5325 5367 5626	5625 5672 5611 5255 5720	5717 5684 5585 5503 5702 5397	5455 5401 5446 5423 5568 5420	5254 5548 5703 5514 5313 5253				
30 35 40 45 50	5690 5252 5325 5367 5626 5707	5625 5672 5611 5255 5720 5306	5717 5684 5585 5503 5702 5397 5361	5455 5401 5446 5423 5568 5420 5705	5254 5548 5703 5514 5313 5253 5421				
30 35 40 45 50 55 60	5690 5252 5325 5367 5626 5707 5479	5625 5672 5611 5255 5720 5306 5402	5717 5684 5585 5503 5702 5397 5361 5491	5455 5401 5446 5423 5568 5420 5705 5462	5254 5548 5703 5514 5313 5253 5421 5262				
30 35 40 45 50 55 60	5690 5252 5325 5367 5626 5707 5479 5531	5625 5672 5611 5255 5720 5306 5402 5400	5717 5684 5585 5503 5702 5397 5361 5491 5416	5455 5401 5446 5423 5568 5420 5705 5462 5659	5254 5548 5703 5514 5313 5253 5421 5262 5632				
30 35 40 45 50 55 60 65 70	5690 5252 5325 5367 5626 5707 5479 5531 5550	5625 5672 5611 5255 5720 5306 5402 5400 5349	5717 5684 5585 5503 5702 5397 5361 5491 5416 5634	5455 5401 5446 5423 5568 5420 5705 5462 5659 5637	5254 5548 5703 5514 5313 5253 5421 5262 5632 5378				
30 35 40 45 50 55 60 65 70	5690 5252 5325 5367 5626 5707 5479 5531 5550 5485	5625 5672 5611 5255 5720 5306 5402 5400 5349 5502	5717 5684 5585 5503 5702 5397 5361 5491 5416 5634 5464	5455 5401 5446 5423 5568 5420 5705 5462 5659 5637 5516	5254 5548 5703 5514 5313 5253 5421 5262 5632 5378 5362				
30 35 40 45 50 55 60 65 70 75	5690 5252 5325 5367 5626 5707 5479 5531 5550 5485 5555	5625 5672 5611 5255 5720 5306 5402 5400 5349 5502 5466	5717 5684 5585 5503 5702 5397 5361 5491 5416 5634 5464 5288	5455 5401 5446 5423 5568 5420 5705 5462 5659 5637 5516 5314	5254 5548 5703 5514 5313 5253 5421 5262 5632 5378 5362 5630				
30 35 40 45 50 55 60 65 70 75 80 85	5690 5252 5325 5367 5626 5707 5479 5531 5550 5485 5555 5706	5625 5672 5611 5255 5720 5306 5402 5400 5349 5502 5466 5642	5717 5684 5585 5503 5702 5397 5361 5491 5416 5634 5464 5288 5270	5455 5401 5446 5423 5568 5420 5705 5462 5659 5637 5516 5314 5713	5254 5548 5703 5514 5313 5253 5421 5262 5632 5378 5362 5630 5571				
30 35 40 45 50 55 60 65 70 75	5690 5252 5325 5367 5626 5707 5479 5531 5550 5485 5555	5625 5672 5611 5255 5720 5306 5402 5400 5349 5502 5466	5717 5684 5585 5503 5702 5397 5361 5491 5416 5634 5464 5288	5455 5401 5446 5423 5568 5420 5705 5462 5659 5637 5516 5314	5254 5548 5703 5514 5313 5253 5421 5262 5632 5378 5362 5630				

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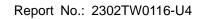




Type 6 Radar Waveform_28							
Frequence List (MHz)	o	1	2	3	4		
0	5592	5408	5496	5373	5534		
5	5543	5338	5702	5673	5261		
10	5329	5531	5649	5260	5652		
15	5706	5513	5493	5720	5333		
20	5679	5667	5604	5469	5470		
25	5445	5502	5489	5393	5579		
30	5582	5424	5553	5368	5391		
35	5385	5478	5599	5714	5639		
40	5316	5441	5566	5608	5296		
45	5710	5310	5626	5292	5675		
50	5421	5448	5509	5454	5651		
55	5494	5315	5420	5715	5450		
60	5656	5504	5569	5357	5346		
65	5617	5571	5285	5619	5437		
70	5331	5364	5488	5351	5343		
75	5423	5485	5698	5447	5443		
80	5411	5701	5294	5562	5616		
85	5413	5526	5724	5536	5510		
90	5607	5409	5289	5664	5614		
95	5418	5268	5446	5640	5464		

Frequenc List (MHz)	o	1	2	3	4
0	5372	5647	5432	5534	5279
5	5585	5360	5302	5361	5434
10	5667	5593	5572	5369	5281
15	5265	5261	5519	5441	5521
20	5631	5499	5620	5659	5577
25	5357	5322	5648	5606	5523
30	5435	5468	5539	5639	5327
35	5566	5530	5476	5274	5374
40	5628	5575	5399	5379	5331
45	5605	5700	5690	5393	5587
50	5345	5465	5378	5597	5695
55	5277	5498	5682	5269	5513
60	5437	5421	5660	5346	5449
65	5401	5280	5389	5440	5557
70	5607	5592	5414	5715	5403
75	5350	5491	5675	5319	5382
80	5505	5366	5428	5390	5636
85	5282	5255	5586	5404	5561
90	5380	5704	5454	5292	5300
95	5377	5560	5689	5595	5511

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Product	AX3000 Wi-Fi 6 Air Router	Temperature	22C
Test Engineer	Peter	Relative Humidity	53%
Test Site	SR5	Test Date	2023/3/14
Test Item	Radar Statistical Performance Check (302.11ax-HE40 mode - 551	0MHz) - Master Mode

Radar Type 1-4 - Radar Statistical Performance

Trial	Frequency		1=Detection,	0=No Detection	
	(MHz)	Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
0	5491	1	0	1	0
1	5492	1	1	1	1
2	5493	1	1	1	1
3	5494	1	1	1	1
4	5495	1	1	1	1
5	5496	1	1	1	1
6	5497	1	1	1	1
7	5498	1	1	1	1
8	5499	1	1	1	1
9	5500	1	1	1	1
10	5501	1	1	1	1
11	5502	1	1	1	1
12	5504	1	1	1	1
13	5506	1	1	1	1
14	5508	1	0	1	1
15	5510	1	1	1	1
16	5512	1	1	1	1
17	5514	1	1	1	1
18	5516	1	1	1	1
19	5518	1	0	1	1
20	5520	1	1	1	1
21	5521	1	1	1	1
22	5522	1	1	1	1
23	5523	1	1	1	1
24	5524	1	1	1	1
25	5525	1	1	1	1
26	5526	1	1	1	1

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Trial	Frequency	1=Detection, 0=No Detection				
	(MHz)	Radar Type 1 Radar Type 2		Radar Type 3	Radar Type 4	
27	5527	1	1	1	1	
28	5528	1	1	0	1	
29	5529	1	1	1	1	
Probability:		100% 90% 96.66% 96.6				
Тур	e1-4		95.83%	% (>80%)		

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Radar Type 1 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 1	1.0	718.0	74	53132.0
Downloa	1	Type 1	1.0	3066.0	18	55188.0
Downloa	2	Type 1	1.0	858.0	62	53196.0
Downloa	3	Type 1	1.0	658.0	81	53298.0
Downloa	4	Type 1	1.0	898.0	59	52982.0
Downloa	5	Type 1	1.0	638.0	83	52954.0
Downloa	6	Type 1	1.0	938.0	57	53466.0
Downloa	7	Type 1	1.0	738.0	72	53136.0
Downloa	8	Type 1	1.0	558.0	95	53010.0
Downloa	9	Type 1	1.0	618.0	86	53148.0
Downloa	10	Type 1	1.0	778.0	68	52904.0
Downloa	11	Type 1	1.0	538.0	99	53262.0
Downloa	12	Type 1	1.0	698.0	76	53048.0
Downloa	13	Type 1	1.0	838.0	63	52794.0
Downloa	14	Type 1	1.0	818.0	65	53170.0
Downloa	15	Type 1	1.0	768.0	69	52992.0
Downloa	16	Type 1	1.0	1561.0	34	53074.0
Downloa	17	Type 1	1.0	1668.0	32	53376.0
Downloa	18	Type 1	1.0	2371.0	23	54533.0
Downloa	19	Type 1	1.0	1218.0	44	53592.0
Downloa	20	Type 1	1.0	2196.0	25	54900.0
Downloa	21	Type 1	1.0	2142.0	25	53550.0
Downloa	22	Type 1	1.0	1709.0	31	52979.0
Downloa	23	Type 1	1.0	2352.0	23	54096.0
Downloa	24	Type 1	1.0	1897.0	28	53116.0
Downloa	25	Type 1	1.0	1153.0	46	53038.0
Downloa	26	Type 1	1.0	774.0	69	53406.0
Downloa	27	Type 1	1.0	1658.0	32	53056.0
Downloa	28	Type 1	1.0	2992.0	18	53856.0
Downloa	29	Type 1	1.0	1802.0	30	54060.0

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Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 2	3.5	181.0	27	4887.0
Downloa	1	Type 2	3.2	165.0	26	4290.0
Downloa	2	Type 2	3.9	174.0	28	4872.0
Downloa	3	Type 2	1.3	176.0	23	4048.0
Downloa	4	Type 2	2.0	187.0	24	4488.0
Downloa	5	Type 2	3.1	209.0	26	5434.0
Downloa	6	Type 2	4.3	177.0	28	4956.0
Downloa	7	Type 2	3.0	194.0	26	5044.0
Downloa	8	Type 2	4.7	206.0	29	5974.0
Downloa	9	Type 2	1.0	152.0	23	3496.0
Downloa	10	Type 2	4.1	161.0	28	4508.0
Downloa	11	Type 2	3.8	168.0	27	4536.0
Downloa	12	Type 2	1.5	157.0	23	3611.0
Downloa	13	Type 2	2.1	170.0	24	4080.0
Downloa	14	Type 2	5.0	180.0	29	5220.0
Downloa	15	Type 2	1.0	193.0	23	4439.0
Downloa	16	Type 2	3.7	210.0	27	5670.0
Downloa	17	Type 2	4.2	214.0	28	5992.0
Downloa	18	Type 2	4.1	151.0	28	4228.0
Downloa	19	Type 2	4.2	150.0	28	4200.0
Downloa	20	Type 2	1.5	156.0	23	3588.0
Downloa	21	Type 2	3.7	198.0	27	5346.0
Downloa	22	Type 2	4.0	163.0	28	4564.0
Downloa	23	Type 2	1.0	222.0	23	5106.0
Downloa	24	Type 2	3.5	182.0	27	4914.0
Downloa	25	Type 2	2.0	169.0	24	4056.0
Downloa	26	Type 2	2.3	178.0	25	4450.0
Downloa	27	Type 2	2.9	153.0	26	3978.0
Downloa	28	Type 2	3.4	216.0	27	5832.0
Downloa	29	Type 2	2.2	224.0	25	5600.0

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Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 3	8.5	233.0	17	3961.0
Downloa	1	Type 3	8.2	458.0	17	7786.0
Downloa	2	Type 3	8.9	490.0	18	8820.0
Downloa	3	Type 3	6.3	270.0	16	4320.0
Downloa	4	Type 3	7.0	461.0	16	7376.0
Downloa	5	Type 3	8.1	360.0	17	6120.0
Downloa	6	Type 3	9.3	302.0	18	5436.0
Downloa	7	Type 3	8.0	406.0	17	6902.0
Downloa	8	Type 3	9.7	482.0	18	8676.0
Downloa	9	Type 3	6.0	380.0	16	6080.0
Downloa	10	Type 3	9.1	290.0	18	5220.0
Downloa	11	Type 3	8.8	274.0	18	4932.0
Downloa	12	Type 3	6.5	275.0	16	4400.0
Downloa	13	Type 3	7.1	339.0	16	5424.0
Downloa	14	Type 3	10.0	499.0	18	8982.0
Downloa	15	Type 3	6.0	240.0	16	3840.0
Downloa	16	Type 3	8.7	405.0	18	7290.0
Downloa	17	Type 3	9.2	299.0	18	5382.0
Downloa	18	Type 3	9.1	212.0	18	3816.0
Downloa	19	Type 3	9.2	291.0	18	5238.0
Downloa	20	Type 3	6.5	342.0	16	5472.0
Downloa	21	Type 3	8.7	200.0	17	3400.0
Downloa	22	Type 3	9.0	466.0	18	8388.0
Downloa	23	Type 3	6.0	450.0	16	7200.0
Downloa	24	Type 3	8.5	429.0	17	7293.0
Downloa	25	Type 3	7.0	487.0	16	7792.0
Downloa	26	Type 3	7.3	293.0	16	4688.0
Downloa	27	Type 3	7.9	349.0	17	5933.0
Downloa	28	Type 3	8.4	327.0	17	5559.0
Downloa	29	Type 3	7.2	388.0	16	6208.0



Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 4	16.6	233.0	15	3495.0
Downloa	1	Type 4	16.0	458.0	14	6412.0
Downloa	2	Type 4	17.6	490.0	15	7350.0
Downloa	3	Type 4	11.8	270.0	12	3240.0
Downloa	4	Type 4	13.4	461.0	13	5993.0
Downloa	5	Type 4	15.6	360.0	14	5040.0
Downloa	6	Type 4	18.5	302.0	16	4832.0
Downloa	7	Type 4	15.6	406.0	14	5684.0
Downloa	8	Type 4	19.4	482.0	16	7712.0
Downloa	9	Type 4	11.2	380.0	12	4560.0
Downloa	10	Type 4	17.9	290.0	15	4350.0
Downloa	11	Type 4	17.3	274.0	15	4110.0
Downloa	12	Type 4	12.1	275.0	12	3300.0
Downloa	13	Type 4	13.5	339.0	13	4407.0
Downloa	14	Type 4	19.9	499.0	16	7984.0
Downloa	15	Type 4	11.1	240.0	12	2880.0
Downloa	16	Type 4	17.1	405.0	15	6075.0
Downloa	17	Type 4	18.2	299.0	15	4485.0
Downloa	18	Type 4	17.9	212.0	15	3180.0
Downloa	19	Type 4	18.3	291.0	16	4656.0
Downloa	20	Type 4	12.1	342.0	12	4104.0
Downloa	21	Type 4	17.0	200.0	15	3000.0
Downloa	22	Type 4	17.8	466.0	15	6990.0
Downloa	23	Type 4	11.0	450.0	12	5400.0
Downloa	24	Type 4	16.6	429.0	15	6435.0
Downloa	25	Type 4	13.3	487.0	13	6331.0
Downloa	26	Type 4	13.9	293.0	13	3809.0
Downloa	27	Type 4	15.2	349.0	14	4886.0
Downloa	28	Type 4	16.4	327.0	14	4578.0
Downloa	29	Type 4	13.6	388.0	13	5044.0



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq. (MHz)	1=Detection 0=No Detection	Trail #	Test Freq. (MHz)	1=Detection 0=No Detection
0	5491	0	15	5510	1
1	5492	0	16	5512	1
2	5493	1	17	5514	1
3	5494	1	18	5516	1
4	5495	1	19	5518	1
5	5496	1	20	5520	1
6	5497	1	21	5521	1
7	5498	1	22	5522	1
8	5499	1	23	5523	1
9	5500	1	24	5524	1
10	5501	1	25	5525	1
11	5502	1	26	5526	1
12	5504	1	27	5527	1
13	5506	1	28	5528	1
14	5508	1	29	5529	1
	Det	ection Percentage	(%)		93.33%

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Type 5 Radar Waveform_0							
Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	F (

Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
0	647058.0	81.2	14	2	1199.0	1438.0	-
1	80911.0	77.7	14	2	1678.0	1356.0	-
2	261672.0	86.4	14	3	1025.0	1650.0	1504.0
3	444026.0	54.8	14	1	1704.0	-	-
4	625782.0	63.2	14	1	1380.0	-	-
5	58631.0	75.7	14	2	1428.0	1158.0	-
6	238913.0	91.4	14	3	1912.0	1941.0	1814.0
7	420444.0	75.5	14	2	1977.0	1903.0	-
8	600625.0	96.4	14	3	1220.0	1991.0	1633.0
9	36375.0	51.1	14	1	1084.0	-	-
10	217295.0	88.1	14	3	1169.0	1172.0	1204.0
11	397443.0	84.8	14	3	1852.0	1762.0	1600.0
12	580793.0	56.5	14	1	1715.0	-	-
13	13991.0	64.0	14	1	1663.0	-	-
14	194803.0	99.1	14	3	1926.0	1201.0	1151.0
15	377271.0	50.5	14	1	1088.0	-	-

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	593303.0	83.9	13	3	1717.0	1591.0	1689.0
1	785712.0	89.8	13	3	1918.0	1765.0	1723.0
3	183990.0	88.0	13	3	1394.0	1367.0	1963.0
3	377274.0	90.2	13	3	1373.0	1477.0	1020.0
4	571702.0	56.5	13	1	1998.0	-	-
5	764224.0	83.1	13	2	1478.0	1583.0	-
6	160243.0	87.6	13	3	1197.0	1641.0	1832.0
7	354418.0	50.3	13	1	1781.0	-	-
8	547475.0	81.0	13	2	1093.0	1470.0	-
9	742070.0	62.7	13	1	1280.0	-	-
10	137029.0	66.2	13	1	1487.0	-	-
11	329786.0	73.6	13	2	1828.0	1849.0	-
12	523125.0	79.8	13	2	1427.0	1937.0	-
13	717702.0	64.8	13	1	1843.0	-	-
14	112836.0	97.8	13	3	1031.0	1355.0	1480.0

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Type	5 Ra	dar W	Vavefo	orm_2
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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	269492.0	99.5	16	3	1260.0	1824.0	1476.0
1	440860.0	69.1	16	2	1288.0	1238.0	-
2	610196.0	99.6	16	3	1457.0	1268.0	1239.0
3	78602.0	80.5	16	2	1719.0	1461.0	-
4	248816.0	74.8	16	2	1801.0	1982.0	-
5	420383.0	58.2	16	1	1628.0	-	-
6	589533.0	82.1	16	2	1742.0	1857.0	-
7	57768.0	59.6	16	1	1237.0	-	-
8	227707.0	83.5	16	3	1080.0	1729.0	1386.0
9	399490.0	60.6	16	1	1371.0	-	-
10	568335.0	91.5	16	3	1372.0	1248.0	1247.0
11	36700.0	50.2	16	1	1564.0	-	-
12	206774.0	90.0	16	3	1455.0	1343.0	1296.0
13	376805.0	99.9	16	3	1459.0	1779.0	1183.0
14	549387.0	51.0	16	1	1271.0	-	-
15	15590.0	97.3	16	3	1999.0	1217.0	1451.0
16	186490.0	54.2	16	1	1521.0	-	-

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	675758.0	52.7	6	1	1255.0	-	-
1	997701.0	75.4	6	2	1548.0	1212.0	-
2	132197	52.8	6	1	1184.0	-	-
3	312205.0	87.4	6	3	1542.0	1376.0	1262.0
4	634442.0	84.5	6	3	1481.0	1760.0	1200.0
5	957645.0	81.9	6	2	1360.0	1825.0	-
6	128143	60.2	6	1	1953.0	-	-
7	272475.0	98.1	6	3	1014.0	1304.0	1971.0
8	594456.0	90.1	6	3	1362.0	1890.0	1829.0

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	Type 5 Radar Waveform_4										
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	749720.0	86.1	9	3	1483.0	1914.0	1086.0				
1	101395	73.8	9	2	1897.0	1794.0	-				
2	190718.0	50.5	9	1	1974.0	-	-				
3	455212.0	59.5	9	1	1033.0	-	-				
4	718425.0	67.8	9	2	1193.0	1531.0	-				
5	980128.0	95.8	9	3	1530.0	1985.0	1664.0				
6	158018.0	81.5	9	2	1544.0	1589.0	-				
7	422574.0	53.4	9	1	1235.0	-	-				
8	684634.0	88.6	9	3	1787.0	1770.0	1202.0				
9	950634.0	65.7	9	1	1809.0	-	-				
10	125758.0	56.9	9	1	1083.0	-	-				

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	304924.0	83.5	13	3	1874.0	1950.0	1396.0
1	512553.0	74.2	13	2	1811.0	1726.0	-
2	718634.0	92.4	13	3	1761.0	1016.0	1881.0
3	73169.0	51.7	13	1	1555.0	-	-
4	280134.0	80.1	13	2	1582.0	1624.0	-
5	488478.0	54.5	13	1	1038.0	-	-
6	694546.0	79.5	13	2	1317.0	1645.0	-
7	47592.0	65.1	13	1	1845.0	-	-
8	254634.0	82.9	13	2	1436.0	1733.0	-
9	460956.0	97.6	13	3	1777.0	1791.0	1069.0
10	670379.0	50.4	13	1	1236.0	-	-
11	22013.0	80.0	13	2	1718.0	1229.0	-
12	229561.0	65.4	13	1	1536.0	-	-
13	436953.0	62.0	13	1	1769.0	-	-

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Type 5 Radar Waveform_6										
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	500536.0	70.9	18	2	1058.0	1208.0	-			
1	662439.0	54.3	18	1	1498.0	-	-			
2	158694.0	61.9	18	1	1082.0	-	-			
3	319970.0	60.3	18	1	1391.0	-	-			
4	481058.0	65.0	18	1	1754.0	-	-			
5	639953.0	87.3	18	3	1501.0	1274.0	1430.0			
6	138154.0	89.4	18	3	1652.0	1228.0	1348.0			
7	299156.0	82.4	18	2	1922.0	1551.0	-			
8	459346.0	84.7	18	3	1894.0	1072.0	1453.0			
9	621164.0	72.2	18	2	1559.0	1576.0	-			
10	118850.0	58.2	18	1	1507.0	-	-			
11	280330.0	59.0	18	1	1132.0	-	-			
12	440481.0	74.0	18	2	1173.0	1860.0	-			
13	600079.0	92.9	18	3	1995.0	1490.0	1043.0			
14	98433.0	95.8	18	3	1789.0	1598.0	1788.0			
15	259715.0	68.7	18	2	1335.0	1669.0	-			
16	419481.0	86.5	18	3	1795.0	1514.0	1577.0			
17	582673.0	61.2	18	1	1818.0	-	-			

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	101345.0	85.4	13	3	1915.0	1597.0	1488.0
1	308263.0	90.4	13	3	1259.0	1081.0	1978.0
2	515813.0	70.7	13	2	1429.0	1709.0	-
3	723191.0	78.5	13	2	1149.0	1687.0	-
4	76134.0	83.1	13	2	1077.0	1157.0	-
5	283816.0	51.0	13	1	1210.0	_	-
6	491333.0	57.2	13	1	1338.0	-	-
7	697327.0	80.0	13	2	1484.0	1772.0	-
8	50609.0	52.3	13	1	1993.0	-	-
9	257308.0	95.1	13	3	1952.0	1218.0	1147.0
10	465411.0	65.2	13	1	1992.0	-	-
11	671064.0	92.5	13	3	1011.0	1896.0	1307.0
12	24995.0	85.6	13	3	1695.0	1013.0	1560.0
13	231914.0	93.8	13	3	1253.0	1009.0	1750.0

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1127.0

1126.0

1775.0



18 19

	Type 5 Radar Waveform_8											
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	305991.0	85.2	19	3	1899.0	1875.0	1341.0					
1	450911.0	97.5	19	3	1432.0	1426.0	1409.0					
2	594607.0	97.0	19	3	1404.0	1846.0	1805.0					
3	144122.0	91.4	19	3	1219.0	1632.0	1515.0					
4	289327.0	69.6	19	2	1578.0	1250.0	-					
5	433128.0	93.1	19	3	1293.0	1150.0	1804.0					
6	578552.0	73.6	19	2	1359.0	1924.0	-					
7	126509.0	78.4	19	2	1925.0	1586.0	-					
8	271581.0	67.6	19	2	1004.0	1618.0	-					
9	417576.0	51.0	19	1	1027.0	-	-					
10	559447.0	89.5	19	3	1283.0	1699.0	1662.0					
11	108780.0	70.2	19	2	1448.0	1566.0	-					
12	252636.0	93.6	19	3	1593.0	1820.0	1796.0					
13	398619.0	71.0	19	2	1474.0	1146.0	_					
14	543355.0	80.6	19	2	1518.0	1264.0	-					
15	90742.0	86.7	19	3	1370.0	1520.0	1460.0					
16	235634.0	69.4	19	2	1976.0	1289.0	-					
17	381590.0	64.1	19	1	1337.0	-	-					
18	526363.0	61.1	19	1	1816.0	-	-					
4.0												

Type 5 Radar Waveform_9

19

89.3

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	545926.0	94.7	5	3	1972.0	1320.0	1012.0
1	909983.0	75.0	5	2	1021.0	1138.0	-
2	127122	91.4	5	3	1179.0	1631.0	1741.0
3	138502.0	92.4	5	3	1354.0	1166.0	1653.0
4	501646.0	71.3	5	2	1471.0	1630.0	-
5	865627.0	60.8	5	1	1482.0	-	-
6	122897	53.1	5	1	1592.0	-	-
7	93816.0	85.0	5	3	1312.0	1168.0	1670.0

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TVDE 3 Nauai Waveloiiii Tu	Type	5 Radar	· Waveform	10
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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	214056.0	84.9	17	3	1144.0	1743.0	1745.0
1	384270.0	94.3	17	3	1294.0	1727.0	1358.0
2	554964.0	67.1	17	2	1876.0	1799.0	-
2 3 4	23057.0	92.3	17	3	1301.0	1506.0	1040.0
	193063.0	86.6	17	3	1913.0	1462.0	1417.0
5	364953.0	64.4	17	1	1213.0	-	-
5 6 7	533882.0	73.9	17	2	1932.0	1879.0	-
7	2087.0	76.5	17	2	1155.0	1911.0	-
8	172082.0	95.9	17	3	1145.0	1954.0	1840.0
9	343676.0	54.3	17	1	1675.0	-	-
10	512314.0	99.1	17	3	1353.0	1691.0	1581.0
11	682882.0	93.5	17	3	1550.0	1060.0	1510.0
12	151293.0	87.7	17	3	1061.0	1422.0	1757.0
13	322834.0	56.9	17	1	1249.0	-	-
14	492492.0	72.7	17	2	1997.0	1018.0	-
15	663128.0	69.6	17	2	1442.0	1395.0	-
16	130146.0	89.0	17	3	1771.0	1716.0	1753.0

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	301586.0	62.9	16	1	1710.0	-	-
1	472703.0	57.5	16	1	1214.0	-	-
3	639829.0	86.2	16	3	1866.0	1595.0	1889.0
3	109352.0	99.5	16	3	1685.0	1017.0	1660.0
4	280591.0	65.7	16	1	1604.0	-	-
5	450356.0	75.7	16	2	1871.0	1363.0	-
6	622213.0	51.1	16	1	1602.0	-	-
7	88495.0	81.4	16	2	1655.0	1909.0	-
8	258877.0	96.4	16	3	1152.0	1122.0	1159.0
9	428894.0	99.2	16	3	1167.0	1187.0	1651.0
10	600968.0	60.1	16	1	1842.0	-	-
11	67748.0	56.1	16	1	1124.0	-	-
12	238608.0	54.5	16	1	1318.0	-	-
13	408089.0	70.0	16	2	1898.0	1827.0	-
14	580185.0	58.8	16	1	1538.0	-	-
15	46470.0	90.0	16	3	1398.0	1720.0	1378.0
16	216499.0	88.6	16	3	1549.0	1721.0	1485.0

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	Type 5 Radar Waveform_12										
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	732659.0	93.6	7	3	1634.0	1661.0	1114.0				
1	105570	73.3	7	2	1917.0	1558.0	-				
2	48322.0	84.0	7	3	1959.0	1744.0	1390.0				
3	370921.0	97.3	7	3	1005.0	1035.0	1408.0				
4	692983.0	83.6	7	3	1658.0	1286.0	1418.0				
5	101642	79.1	7	2	1554.0	1342.0	-				
6	8651.0	97.2	7	3	1305.0	1226.0	1030.0				
7	331718.0	54.0	7	1	1333.0	-	-				
8	652811.0	90.8	7	3	1734.0	1656.0	1929.0				

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	799603.0	65.0	9	1	1681.0	-	-
1	106437	65.0	9	1	1064.0	-	-
2	238443.0	67.6	9	2	1756.0	1181.0	-
3	503201.0	51.6	9	1	1010.0	-	-
4	765098.0	87.8	9	3	1803.0	1340.0	1329.0
5	103156	52.3	9	1	1336.0	-	-
6	205924.0	71.7	9	2	1401.0	1626.0	-
7	470379.0	53.3	9	1	1616.0	-	-
8	734602.0	58.4	9	1	1565.0	-	-
9	998735.0	53.2	9	1	1638.0	-	-
10	173391.0	66.9	9	2	1975.0	1263.0	-

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14

15

16

17

18

19

477148.0

23761.0

168237.0

312419.0

458561.0

6001.0

63.3

99.5

85.7

91.8

79.3

78.5

Type 5 Radar Waveform_14							
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	239148.0	85.6	20	3	1556.0	1933.0	1535.0
1	384960.0	69.2	20	2	1446.0	1233.0	-
2	529015.0	68.6	20	2	1813.0	1784.0	-
3	77484.0	66.0	20	1	1853.0	-	-
4	222832.0	60.8	20	1	1105.0	-	-
5	365206.0	90.3	20	3	1870.0	1967.0	1949.0
6	513265.0	65.3	20	1	1185.0	-	-
7	59664.0	63.7	20	1	1361.0	-	-
8	204134.0	70.4	20	2	1625.0	1837.0	-
9	348842.0	91.3	20	3	1003.0	1310.0	1100.0
10	491952.0	84.4	20	3	1823.0	1916.0	1585.0
11	41610.0	90.3	20	3	1211.0	1148.0	1433.0
12	186889.0	53.4	20	1	1617.0	-	-
13	330469.0	99.1	20	3	1261.0	1821.0	1322.0

2 Type 5 Radar Waveform_15

1610.0

1990.0

1847.0

1701.0

1489.0

1205.0

1087.0

1308.0

1500.0

1046.0

1240.0

1677.0

1207.0

1692.0

20

20

20

20

20

20

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	377674.0	89.0	5	3	1763.0	1891.0	1049.0
1	740319.0	95.4	5	3	1688.0	1780.0	1257.0
2	110470	74.9	5	2	1334.0	1045.0	-
3	146853	60.6	5	1	1751.0	-	-
4	332956.0	86.1	5	3	1668.0	1241.0	2000.0
5	697017.0	63.7	5	1	1785.0	-	-
6	105907	94.8	5	3	1136.0	1326.0	1165.0
7	142374	61.3	5	1	1783.0	-	-

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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	144383.0	57.8	15	1	1223.0	-	-
1	324430.0	84.4	15	3	1328.0	1774.0	1694.0
2	507377.0	51.2	15	1	1533.0	-	-
3	689347.0	61.6	15	1	1052.0	-	-
4	122025.0	55.5	15	1	1156.0	-	-
5	302944.0	73.0	15	2	1516.0	1365.0	-
6	484995.0	53.0	15	1	1568.0	-	-
7	665621.0	74.3	15	2	1537.0	1032.0	-
8	99670.0	54.6	15	1	1037.0	-	-
9	280771.0	67.9	15	2	1065.0	1425.0	-
10	461558.0	86.5	15	3	1001.0	1177.0	1133.0
11	641466.0	93.3	15	3	1553.0	1859.0	1279.0
12	77256.0	63.7	15	1	1420.0	-	-
13	257496.0	83.5	15	3	1854.0	1979.0	1388.0
14	438317.0	83.7	15	3	1833.0	1728.0	1339.0
15	619404.0	99.5	15	3	1599.0	1306.0	1541.0

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	48675.0	80.7	17	2	1502.0	1366.0	-
1	209813.0	74.8	17	2	1368.0	1039.0	-
2	371671.0	64.2	17	1	1057.0	-	-
3	532918.0	52.5	17	1	1287.0	-	-
4	28830.0	74.4	17	2	1790.0	1416.0	-
5	190369.0	52.8	17	1	1007.0	-	-
6	350005.0	86.1	17	3	1449.0	1900.0	1078.0
7	512672.0	61.6	17	1	1764.0	-	-
8	9022.0	79.1	17	2	1160.0	1162.0	-
9	169833.0	74.8	17	2	1793.0	1752.0	-
10	330796.0	77.9	17	2	1316.0	1958.0	-
11	490556.0	90.2	17	3	1468.0	1467.0	1869.0
12	651251.0	94.3	17	3	1496.0	1956.0	1176.0
13	150578.0	58.0	17	1	1092.0	-	-
14	311309.0	80.0	17	2	1254.0	1313.0	-
15	470619.0	97.1	17	3	1393.0	1697.0	1945.0
16	631435.0	95.6	17	3	1838.0	1713.0	1117.0
17	130697.0	53.9	17	1	1079.0	-	-



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	309198.0	55.8	17	1	1389.0	-	-
1	477948.0	86.0	17	3	1325.0	1698.0	1465.0
2	648412.0	90.1	17	3	1071.0	1209.0	1826.0
3	117081.0	72.7	17	2	1008.0	1635.0	-
4	287088.0	84.8	17	3	1572.0	1118.0	1300.0
5	458523.0	80.5	17	2	1091.0	1051.0	-
6	627512.0	96.0	17	3	1110.0	1895.0	1028.0
7	95851.0	89.0	17	3	1314.0	1134.0	1819.0
8	265878.0	94.8	17	3	1970.0	1601.0	1055.0
9	436857.0	67.8	17	2	1948.0	1227.0	-
10	608529.0	55.2	17	1	1737.0	-	-
11	74818.0	86.1	17	3	1382.0	1951.0	1607.0
12	246100.0	64.7	17	1	1273.0	-	-
13	417093.0	55.5	17	1	1099.0	-	-
14	587769.0	61.7	17	1	1406.0	-	-
15	53988.0	75.4	17	2	1603.0	1906.0	-
16	224498.0	80.0	17	2	1414.0	1587.0	-

Type 5 Radar Waveform_19

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	373696.0	61.3	17	1	1643.0	-	-
1	533224.0	99.6	17	3	1405.0	1332.0	1095.0
2	31109.0	92.2	17	3	1513.0	1608.0	1517.0
3	191523.0	87.0	17	3	1776.0	1672.0	1705.0
4	354130.0	54.9	17	1	1076.0	-	-
5	512718.0	98.4	17	3	1731.0	1680.0	1330.0
6	11332.0	89.6	17	3	1571.0	1841.0	1216.0
7	172203.0	82.5	17	2	1524.0	1928.0	-
8	333245.0	80.7	17	2	1940.0	1130.0	-
9	492530.0	95.1	17	3	1735.0	1679.0	1882.0
10	656563.0	62.9	17	1	1620.0	-	-
11	152512.0	80.1	17	2	1884.0	1036.0	-
12	313018.0	96.7	17	3	1188.0	1019.0	1714.0
13	473412.0	88.0	17	3	1278.0	1192.0	1931.0
14	633413.0	89.4	17	3	1374.0	1908.0	1766.0
15	132483.0	97.7	17	3	1706.0	1042.0	1170.0
16	294465.0	59.7	17	1	1106.0	-	-
17	454464.0	77.7	17	2	1215.0	1965.0	-

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Type	5 R	adar	Waveform __	_20
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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	123300	97.8	7	3	1659.0	1097.0	1180.0
1	226519.0	59.4	7	1	1066.0	-	-
2	549632.0	57.9	7	1	1074.0	-	-
3	870572.0	90.0	7	3	1399.0	1116.0	1880.0
4	119190	83.8	7	3	1983.0	1499.0	1996.0
5	186715.0	56.6	7	1	1085.0	-	-
6	508107.0	85.4	7	3	1797.0	1981.0	1802.0
7	832792.0	58.1	7	1	1321.0	-	-
8	115408	68.3	7	2	1707.0	1642.0	-

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	82565.0	56.3	15	1	1291.0	-	-
1	262773.0	93.1	15	3	1503.0	1966.0	1725.0
2	445739.0	60.0	15	1	1285.0	-	-
3	626352.0	72.4	15	2	1347.0	1101.0	-
4	60078.0	78.5	15	2	1206.0	1569.0	-
5	241320.0	68.8	15	2	1140.0	1584.0	-
6	422544.0	78.0	15	2	1431.0	1319.0	-
7	603632.0	68.6	15	2	1059.0	1868.0	-
8	37699.0	97.5	15	3	1277.0	1509.0	1119.0
9	219475.0	53.4	15	1	1089.0	-	-
10	399956.0	67.0	15	2	1886.0	1357.0	-
11	582105.0	50.8	15	1	1910.0	-	-
12	15405.0	87.7	15	3	1190.0	1621.0	1292.0
13	197044.0	50.5	15	1	1311.0	-	-
14	377071.0	90.2	15	3	1637.0	1000.0	1746.0
15	559960.0	54.1	15	1	1639.0	-	-

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Type 5 Radar Waveform_2	Tν	/pe 5	Radar	Waveform	22
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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	694955.0	85.4	17	3	1161.0	1596.0	1703.0
1	163878.0	83.1	17	2	1495.0	1986.0	-
2	335410.0	58.9	17	1	1006.0	-	-
3	503871.0	98.1	17	3	1439.0	1345.0	1693.0
4	675952.0	79.8	17	2	1231.0	1198.0	-
5	143227.0	65.9	17	1	1844.0	-	-
6	312862.0	88.4	17	3	1290.0	1887.0	1171.0
7	484677.0	55.0	17	1	1921.0	-	-
8	654010.0	77.9	17	2	1547.0	1878.0	-
9	122253.0	64.0	17	1	1505.0	-	-
10	293277.0	66.0	17	1	1048.0	-	-
11	462972.0	72.0	17	2	1830.0	1115.0	-
12	633165.0	71.4	17	2	1942.0	1327.0	-
13	101248.0	65.8	17	1	1242.0	-	-
14	270981.0	85.6	17	3	1493.0	1702.0	1062.0
15	443128.0	51.5	17	1	1107.0	-	-
16	610974.0	96.9	17	3	1961.0	1454.0	1232.0

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	170391.0	80.1	5	2	1473.0	1412.0	-
1	533233.0	83.2	5	2	1935.0	1667.0	-
2	896247.0	89.5	5	3	1090.0	1096.0	1265.0
3	125932	70.6	5	2	1984.0	1323.0	-
4	125625.0	72.7	5	2	1561.0	1807.0	-
5	488287.0	84.4	5	3	1614.0	1529.0	1203.0
6	852560.0	61.2	5	1	1657.0	-	-
7	121425	68.6	5	2	1850.0	1907.0	-

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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	40367.0	69.3	14	2	1410.0	1947.0	-
1	221022.0	91.9	14	3	1649.0	1351.0	1806.0
2	401799.0	94.3	14	3	1955.0	1189.0	1579.0
3	583091.0	92.8	14	3	1511.0	1302.0	1221.0
4	18062.0	76.8	14	2	1469.0	1872.0	-
5	199522.0	60.1	14	1	1946.0	-	-
6	381187.0	58.9	14	1	1479.0	-	-
7	561867.0	67.8	14	2	1182.0	1440.0	-
8	740756.0	85.9	14	3	1103.0	1919.0	1987.0
9	176512.0	98.4	14	3	1883.0	1627.0	1234.0
10	358198.0	73.5	14	2	1002.0	1786.0	-
11	538923.0	76.5	14	2	1736.0	1740.0	-
12	722324.0	60.0	14	1	1044.0	-	-
13	154156.0	88.5	14	3	1867.0	1877.0	1447.0
14	335424.0	90.5	14	3	1196.0	1539.0	1056.0
15	518317.0	54.7	14	1	1026.0	-	-

Type 5 Radar Waveform_25

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	101824	55.0	9	1	1379.0	-	-
1	192341.0	94.6	9	3	1441.0	1609.0	1792.0
2	457177.0	64.5	9	1	1434.0	-	-
3	721674.0	52.7	9	1	1034.0	-	-
4	985471.0	56.0	9	1	1622.0	-	-
5	159896.0	97.3	9	3	1739.0	1424.0	1674.0
6	424070.0	81.7	9	2	1276.0	1594.0	-
7	687897.0	67.9	9	2	1109.0	1851.0	-
8	953112.0	65.4	9	1	1413.0	-	-
9	127887.0	54.0	9	1	1120.0	-	-
10	392099.0	57.5	9	1	1387.0	-	-

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