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DFS MEASUREMENT REPORT

FCC ID	: 2AXJ4X50POE		
Applicant	: TP-Link Corporation Limited		
Application Type	: CLASS II PERMISSIVE CHANGE		
Product	: AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE		
Model No.	: Deco X50-PoE		
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	: August 18 ,2022		
Test Date	: September 5~October 6 ,2022		
Test By	Owen Tsai		
Reviewed By	(Owen Tsai)		
Reviewed by	(Paddy Chen)		
Approved By	Any her ""Internation Testing Laboratory 3261		
	(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
2208TW0115-U5	1.0	Original Report	2022-11-03	Valid



CONTENTS

	scriptio		age
		listory	
Ge	neral Inf	formation	5
1.	INTRO	DUCTION	6
	1.1.	Scope	6
	1.2.	MRT Test Location	6
2.	PRODU	JCT INFORMATION	7
	2.1.	Equipment Description	7
	2.2.	Product Specification Subjective to this Report	7
	2.3.	Operating Frequency and Channel List for this Report	8
	2.4.	Description of Available Antennas	8
	2.5.	Test Channels for this Report	8
	2.6.	Test Mode	8
	2.7.	Applied Standards	9
3.	DFS D	ETECTION THRESHOLDS AND RADAR TEST WAVEFORMS	. 10
	3.1.	Applicability	. 10
	3.2.	DFS Devices Requirements	11
	3.3.	DFS Detection Threshold Values	. 12
	3.4.	Parameters of DFS Test Signals	. 13
	3.5.	Conducted Test Setup	. 16
4.	TEST E	EQUIPMENT CALIBRATION DATE	. 17
5.	TEST F	RESULT	. 18
	5.1.	Summary	. 18
	5.2.	Radar Waveform Calibration	. 19
	5.2.1.	Calibration Setup	. 19
	5.2.2.	Calibration Procedure	. 19
	5.2.3.	Calibration Result	. 20
	5.2.4.	Channel Loading Test Result	. 22
	5.3.	UNII Detection Bandwidth Measurement	. 23
	5.3.1.	Test Limit	. 23
	5.3.2.	Test Procedure	. 23
	5.3.3.	Test Result	. 24
	5.4.	Initial Channel Availability Check Time Measurement	. 26
	5.4.1.	Test Limit	. 26
	5.4.2.	Test Procedure	. 26
	5.4.3.	Test Result	. 27
	5.5.	Radar Burst at the Beginning of the Channel Availability Check Time Measurement .	. 28
	5.5.1.	Test Limit	. 28



	5.5.2.	Test Procedure	28
	5.5.3.	Test Result	<u>29</u>
	5.6.	Radar Burst at the End of the Channel Availability Check Time Measurement	30
	5.6.1.	Test Limit	30
	5.6.2.	Test Procedure	30
	5.6.3.	Test Result	31
	5.7.	In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time an	d
	Non-O	ccupancy Period Measurement	32
	5.7.1.	Test Limit	32
	5.7.2.	Test Procedure Used	32
	5.7.3.	Test Result	33
	5.8.	Statistical Performance Check Measurement	35
	5.8.1.	Test Limit	35
	5.8.2.	Test Procedure	35
	5.8.3.	Test Result	36
6.	CONCL	_USION11	2
Ap	pendix A	A : Test Setup Photograph11	3
Ap	pendix E	3 : External Photograph11	4
Ap	pendix (C : Internal Photograph11	5



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		
Manufacturer Address	Room 901, 9/F., New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hongkong		
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 Device Serial No.	#1-1		

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.
- 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 Taiwan, EU and TELEC Rules.



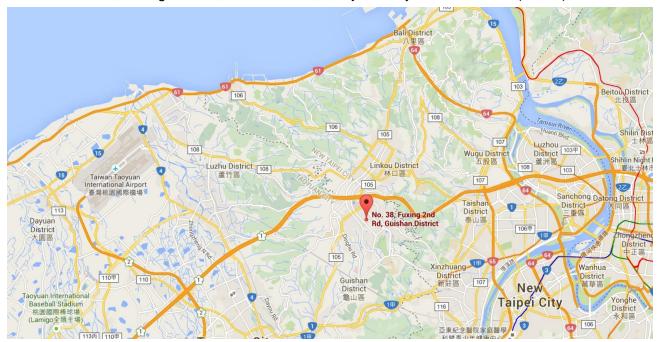
1. INTRODUCTION

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 Whole Home Mesh Wi-Fi 6 Unit with PoE		
Model No.:	Deco X50-PoE		
Brand Name:	tp-link		
Wi-Fi Specification:	802.11a/b/g/n/ac/ax		
EUT Identification No.:	20220818Sample#10 (DFS)		
Accessories	Accessories		
Adapter BRAND: tp-link MODEL: T120150-2B4 INPUT: 100 - 240V ~ 50/60Hz 0.6A OUTPUT: DC 12.0V 1.5A			
PoE Adapter	BRAND: tp-link MODEL: TL-POE4824G INPUT: 100 - 240V ~ 50/60Hz 0.8A. OUTPUT: DC 48.0V 0.5A 24.0W		

2.2. Product Specification Subjective to this Report

Frequency Range:	For 802.11ac-VHT160/ax-HE160: 5250MHz
Type of Modulation:	802.11ac: OFDM 802.11ax: OFDMA
TPC mechanism:	Support (Details refer to operational description)
Power-on cycle:	Requires 71.1 seconds to complete its power-on cycle
Uniform Spreading (For DFS Frequency Band):	For the 5250-5350 MHz bands, the Master device provides, on aggregate, uniform loading of the spectrum across all devices by selecting an operating channel among the available channels using a random algorithm.



2.3. Operating Frequency and Channel List for this Report

802.11ac-VHT160/ax-HE160

Channel	Frequency	Channel	Frequency	Channel	Frequency
50	5250MHz				

2.4. Description of Available Antennas

Antenna Type	Frequency Band (MHz)	T _x Paths Max Antenna CDD Directional G		onal Gain (dBi)	
	(10172)		(dBi)	For Power	For PSD
Dipolo	2412 ~ 2462	2	1.97	1.97	4.98
Dipole Antenna	5150 ~ 5350	2	0.97	0.97	3.98
	5470 ~ 5850	2	0.97	0.97	3.98

Remark:

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

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

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

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

• For power measurements on IEEE 802.11 devices,

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

2.5. Test Channels for this Report

Test Mode	Test Channel	Test Frequency	
802.11ax-HE160	50	5250 MHz	

2.6. Test Mode

Test Mode	Mode 1: Master_Make the EUT communicate with notebook at DFS channel
	Mode 2: Mesh wait_ Make the EUT communicate with notebook at DFS channel



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



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	Master Client Without C	
		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 frequen	icy.				

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



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 ~ 5350 MHz and 5470 ~ 5725 MHz bands. DFS is not required in the 5150 ~ 5250 MHz or 5725 ~ 5825 MHz bands.
- (b) Before initiating a network on a Channel, the Master Device will perform a Channel Availability Check for a specified time duration (Channel Availability Check Time) to ensure that there is no radar system operating on the Channel, using DFS described under subsection a) above.
- (c) The Master Device initiates a U-NII network by transmitting control signals that will enable other U-NII devices to Associate with the Master Device.
- (d) During normal operation, the Master Device will monitor the Channel (In-Service Monitoring) to ensure that there is no radar system operating on the Channel, using DFS described under a).
- (e) If the Master Device has detected a Radar Waveform during In-Service Monitoring as described under d), the Operating Channel of the U-NII network is no longer an Available Channel. The Master Device will instruct all associated Client Device(s) to stop transmitting on this Channel within the Channel Move Time. The transmissions during the Channel Move Time will be limited to the Channel Closing Transmission Time.
- (f) Once the Master Device has detected a Radar Waveform it will not utilize the Channel for the duration of the Non-Occupancy Period.
- (g) If the Master Device delegates the In-Service Monitoring to a Client Device, then the combination will be tested to the requirements described under d) through f) above.

Channel Move Time and Channel Closing Transmission Time requirements are listed in the

following table.

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Maya Tima	10 seconds
Channel Move 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 Move Time and the Channel Close	sing 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 receive	er assuming a 0 dBi receive antenna.			
Note 2: Throughout these test procedures an add	litional 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	in. For MIMO devices refer to KDB Publication			
662911 D01.				

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



3.4. Parameters of DFS Test Signals

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

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 3-6 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	$\operatorname{Roundup} \left\{ \begin{array}{l} \left(\frac{1}{360} \right) \\ \left(\frac{19 \cdot 10^6}{PRI_{usec}} \right) \end{array} \right\}$	60%	30
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
Note 1: St		•	used for the detection ba	80% Indwidth test, cha	120 nnel move

Short Pulse Radar Test Waveforms

Table 3-5: Parameters	s for Short Pulse Radar Wavef	orms
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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



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 -	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.

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

Frequency Hopping Radar Test Waveform

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.

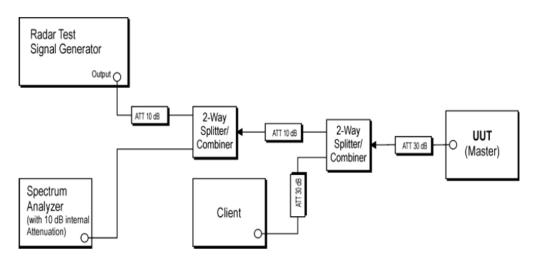


Figure 3-1: Conducted Test Setup where UUT is a Master and Radar Test Waveforms are injected into the Masters

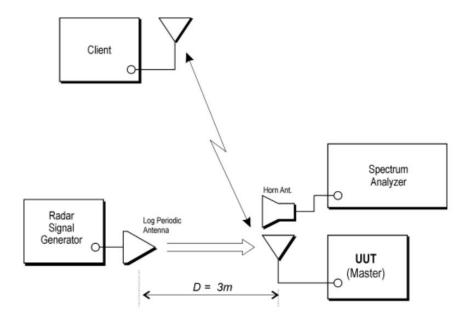


Figure 3-2: Radiated Test Setup where UUT is a Master and Radar Test Waveforms are injected into the UUT



4. TEST EQUIPMENT CALIBRATION DATE

Dynamic Frequency Selection (DFS)

Instrument	Manufacturer	Туре No.	Asset No.	Cali. Interval	Cali. Due Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MRTTWA00012	1 year	2022/10/18
EXA Signal Analyzer	KEYSIGHT	N9010B	MRTTWA00074	1 year	2023/7/19
Vector Signal Generator	Keysight	N5182B	MRTTWA00010	1 year	2023/5/23
Combiner	WOKEN	0120A04208001S	MRTTWE00008	1 year	2023/6/16

Client Information

Instrument	Manufacturer	Туре 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



5. TEST RESULT

5.1. Summary

Parameter	Limit	Test Result	Reference
UNII Detection Bandwidth Measurement	Refer Table 3-3	Pass	Section 5.4
Initial Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.5
Radar Burst at the Beginning of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.6
Radar Burst at the End of the Channel Availability Check Time	Refer Table 3-3	Pass	Section 5.7
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Refer Table 3-3	Pass	Section 5.8
Non-Occupancy Period	Refer Table 3-3	Pass	Section 5.8
Statistical Performance Check	Refer Table 3-3	Pass	Section 5.9

Note:

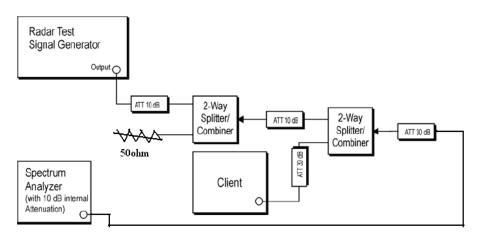
1) Determining compliance is based on the test results met the regulation limits or requirements declared by clients, and the test results don't take into account the value of measurement uncertainty.

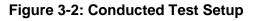


5.2. Radar Waveform Calibration

5.2.1. Calibration Setup

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





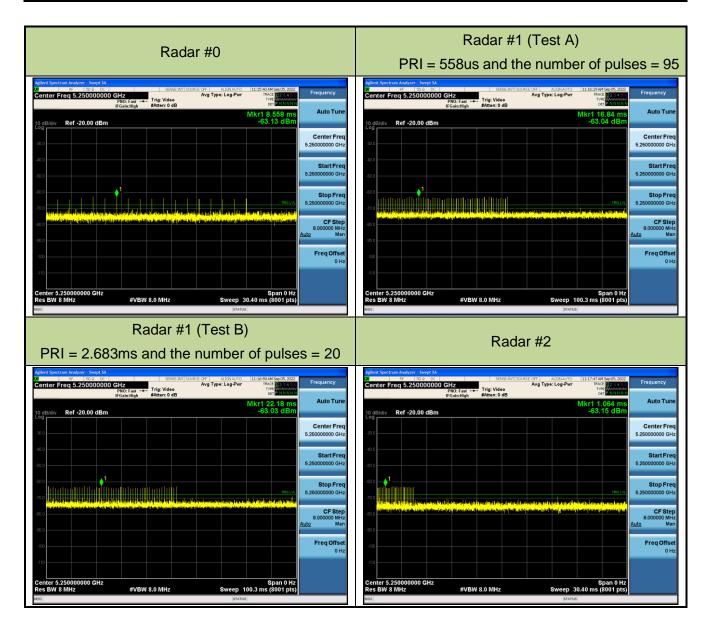
5.2.2. Calibration Procedure

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

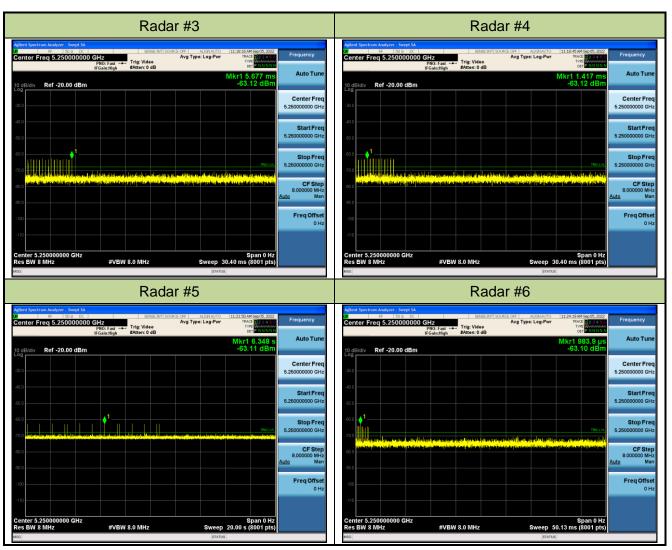


5.2.3. Calibration Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR5	Test Date	2022/9/5
Test Item	Radar Waveform Calibration		



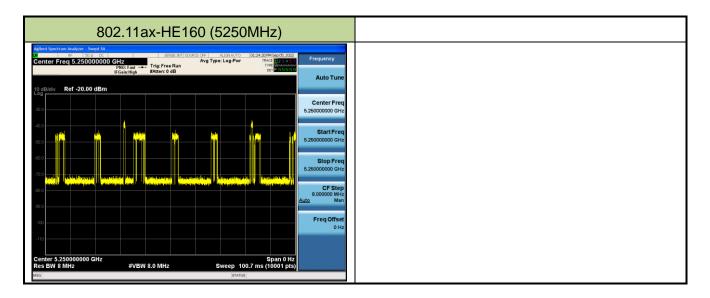






5.2.4. Channel Loading Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR5	Test Date	2022/9/5
Test Item	Channel Loading		



Test Mode	Test Frequency	Packet ratio	Requirement ratio	Test Result				
802.11ax-HE160 5250 MHz 20% ≥ 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 =	U-NII device. Packet ratio = Time On / (Time On + Off Time).							



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

- 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.
- 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 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	24°C		
Test Engineer	Peter	Relative Humidity	60%		
Test Site	SR5	Test Date	2022/9/6		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5250MHz) _Master				

Radar Frequency			DF	S Dete	ection	Trials	(1=D	etectio	on, 0=	No D	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 F∟	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%					
5328 F _н	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 chann	Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS															
testing was done at	testing was done at 5250MHz. The 99% channel bandwidth is 155.44MHz. (See the 99% BW															
section of the RF report for further measurement details).																
Note 2: Detection Ba	andwid	dth = F	⁻ н - F _L	= 532	28MH2	z - 525	50MH	z = 78	MHz.							
Note 3: NII Detection	n Bano	dwidth	Min.	Limit ((MHz)	: 155.4	44MH	z x 10	0%/2	2 = 77	.72MHz.					



Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	23°C		
Test Engineer	Peter	Relative Humidity	56%		
Test Site	SR5	Test Date	2022/10/6		
Test Item	Detection Bandwidth (802.11ax-HE160 mode - 5250MHz) _Mesh				

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 F∟	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%
5328 F _н	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 chann	els fo	r this o	device	have	identi			l banc	width	s. The	erefore, all DFS
testing was done at	testing was done at 5250MHz. The 99% channel bandwidth is 155.44MHz. (See the 99% BW										
section of the RF rep	section of the RF report for further measurement details).										
Note 2: Detection Ba	andwid	dth = F	- н - FL	= 532	28MHz	z - 525	50MH	z = 78	MHz.		
Note 3: NII Detection	n Bano	dwidth	Min.	Limit ((MHz)	: 155.4	44MH	z x 10	0%/2	2 = 77	.72MHz.



5.4. Initial Channel Availability Check Time Measurement

5.4.1. Test Limit

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

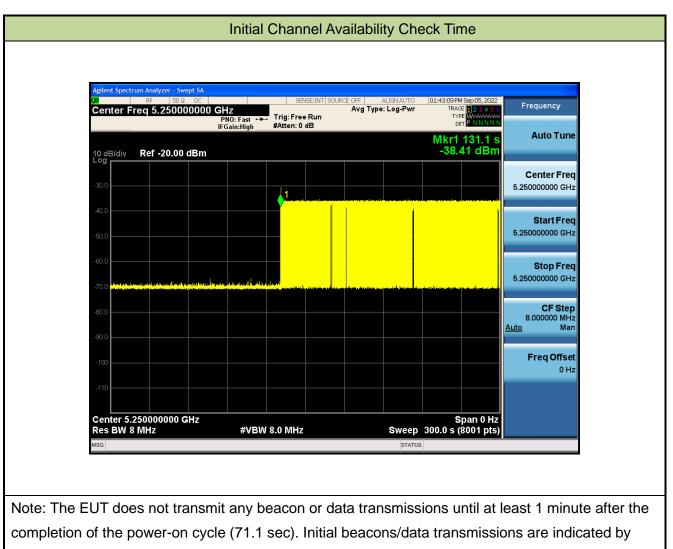
5.4.2. Test Procedure

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



5.4.3. Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C		
Test Engineer	Peter	Relative Humidity	65%		
Test Site	SR5	Test Date	2022/9/5		
Test Item	Initial Channel Availability Check Time (802.11ax-HE160 mode - 5250MHz)				



marker 1 (131.1sec).



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.

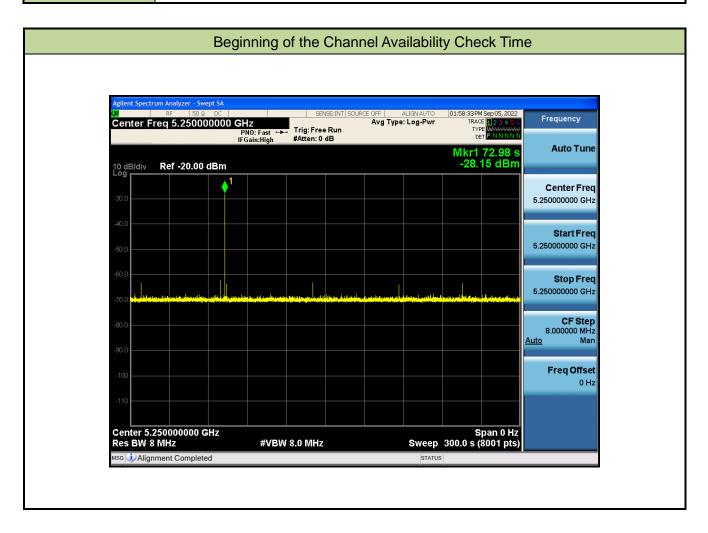
5.5.2. Test Procedure

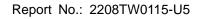
- The steps below define the procedure to verify successful radar detection on the selected Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar Burst with a level equal to the DFS Detection Threshold + 1 dB occurs at the beginning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



5.5.3. Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C			
Test Engineer	Peter	Relative Humidity	65%			
Test Site	SR5	Test Date	2022/9/5			
Test liters	-HE160 mode -					
Test Item	5250MHz)					







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.



5.6.3. Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C		
Test Engineer	Peter	Relative Humidity	65%		
Test Site	SR5	Test Date	2022/9/5		
Test Item	End of the Channel Availability Check Time (802.11ax-HE160 mode - 5250MHz)				

End of the Channel Availability Check Time trum Analyzer Swept S# Center Freq 5.250000000 GHz Free Run IFGain:High #Atten: 0 dB 02:06:28 PM Sep 05, 2022 TRACE 1 2 3 4 5 6 TYPE WWWWW DET P N N N N N SENSE:INT SOURCE OFF Frequency Avg Type: Log-Pwr Auto Tune Mkr1 129.8 s -28.22 dBm 10 dB/div Log Ref -20.00 dBm V **Center Freq** 5.250000000 GHz Start Freq 5.25000000 GHz Stop Freq 5.250000000 GHz **CF Step** 8.000000 MHz <u>0</u> Man Auto Freq Offset 0 Hz Center 5.250000000 GHz Res BW 8 MHz Span 0 Hz Sweep 300.0 s (8001 pts) #VBW 8.0 MHz MSG STATUS



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.

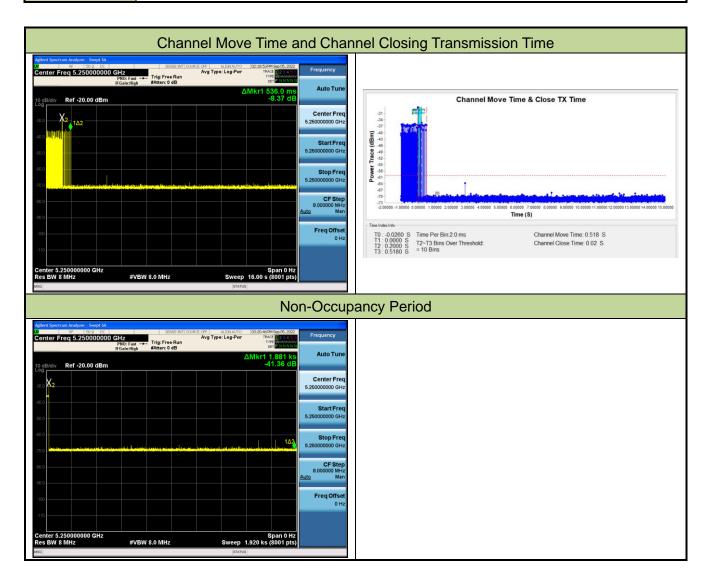
5.7.2. Test Procedure Used

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



5.7.3. Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C			
Test Engineer	Peter	Relative Humidity	65%			
Test Site	SR5	Test Date	2022/9/5			
Test Item	Channel Move Time and Channel Closing Transmission Time (802.11ax-HE160 mode - 5250MHz)					





Parameter	Test Result	Limit			
	Туре 0				
Channel Move Time (s)	0.518s	<10s			
Channel Closing Transmission Time (ms)	2ms	< 60ma			
(Note)	21115	< 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

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



5.8.3. Test Result

Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C	
Test Engineer	Peter	Relative Humidity	65%	
Test Site	SR5	Test Date	2022/10/6	
Test Item	Radar Statistical Performance Check (802.11ax-HE160 mode – 5250MHz) _Master			

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	5250	1	1	1	1
1	5252	1	1	1	1
2	5254	1	1	1	1
3	5256	1	1	1	1
4	5258	1	1	1	1
5	5260	1	1	1	0
6	5262	1	1	1	1
7	5264	1	1	1	1
8	5266	1	1	1	1
9	5268	1	1	1	1
10	5270	1	0	1	1
11	5274	1	1	1	1
12	5278	1	1	1	0
13	5282	1	1	1	1
14	5286	1	1	0	1
15	5290	1	1	1	1
16	5294	1	1	1	1
17	5298	1	1	1	1
18	5302	1	1	1	1
19	5306	1	1	0	0
20	5310	1	1	1	1
21	5312	1	1	1	0
22	5314	1	1	1	1
23	5316	1	1	0	1
24	5318	1	1	1	1
25	5320	1	1	1	1
26	5322	1	1	1	1



Trial	Frequency	1=Detection, 0=No Detection					
	(MHz)	Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4		
27	5324	1	1	0	1		
28	5326	1	1	1	1		
29	5328	1	1	0	1		
Proba	ability:	100%	96.66%	83.33%	86.66%		
Тур	e1-4		91.6625	% (>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	858.0	62	53196.0
Downloa	1	Type 1	1.0	518.0	102	52836.0
Downloa	2	Type 1	1.0	698.0	76	53048.0
Downloa	3	Type 1	1.0	818.0	65	53170.0
Downloa	4	Type 1	1.0	778.0	68	52904.0
Downloa	5	Type 1	1.0	938.0	57	53466.0
Downloa	6	Type 1	1.0	578.0	92	53176.0
Downloa	7	Type 1	1.0	738.0	72	53136.0
Downloa	8	Type 1	1.0	658.0	81	53298.0
Downloa	9	Type 1	1.0	718.0	74	53132.0
Downloa	10	Type 1	1.0	838.0	63	52794.0
Downloa	11	Type 1	1.0	558.0	95	53010.0
Downloa	12	Type 1	1.0	3066.0	18	55188.0
Downloa	13	Type 1	1.0	638.0	83	52954.0
Downloa	14	Type 1	1.0	678.0	78	52884.0
Downloa	15	Type 1	1.0	1242.0	43	53406.0
Downloa	16	Type 1	1.0	2094.0	26	54444.0
Downloa	17	Type 1	1.0	2088.0	26	54288.0
Downloa	18	Type 1	1.0	1175.0	45	52875.0
Downloa	19	Type 1	1.0	895.0	59	52805.0
Downloa	20	Type 1	1.0	1662.0	32	53184.0
Downloa	21	Type 1	1.0	1111.0	48	53328.0
Downloa	22	Type 1	1.0	2348.0	23	54004.0
Downloa	23	Type 1	1.0	729.0	73	53217.0
Downloa	24	Type 1	1.0	2350.0	23	54050.0
Downloa	25	Type 1	1.0	3007.0	18	54126.0
Downloa	26	Type 1	1.0	1872.0	29	54288.0
Downloa	27	Type 1	1.0	587.0	90	52830.0
Downloa	28	Type 1	1.0	1638.0	33	54054.0
Downloa	29	Type 1	1.0	1010.0	53	53530.0



Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 2	2.2	193.0	25	4825.0
Downloa	1	Type 2	4.1	163.0	28	4564.0
Downloa	2	Type 2	3.4	171.0	27	4617.0
Downloa	3	Type 2	3.9	196.0	27	5292.0
Downloa	4	Type 2	2.8	151.0	26	3926.0
Downloa	5	Type 2	2.5	215.0	25	5375.0
Downloa	6	Type 2	3.4	213.0	27	5751.0
Downloa	7	Type 2	3.9	158.0	27	4266.0
Downloa	8	Type 2	4.1	224.0	28	6272.0
Downloa	9	Type 2	2.1	156.0	24	3744.0
Downloa	10	Type 2	1.6	191.0	24	4584.0
Downloa	11	Type 2	2.5	211.0	25	5275.0
Downloa	12	Type 2	3.5	218.0	27	5886.0
Downloa	13	Type 2	3.9	170.0	27	4590.0
Downloa	14	Type 2	5.0	166.0	29	4814.0
Downloa	15	Type 2	4.9	175.0	29	5075.0
Downloa	16	Type 2	1.4	217.0	23	4991.0
Downloa	17	Type 2	1.8	225.0	24	5400.0
Downloa	18	Type 2	1.0	199.0	23	4577.0
Downloa	19	Type 2	2.0	207.0	24	4968.0
Downloa	20	Type 2	1.3	160.0	23	3680.0
Downloa	21	Type 2	1.4	210.0	23	4830.0
Downloa	22	Type 2	1.1	226.0	23	5198.0
Downloa	23	Type 2	4.8	176.0	29	5104.0
Downloa	24	Type 2	2.5	229.0	25	5725.0
Downloa	25	Type 2	2.7	216.0	26	5616.0
Downloa	26	Type 2	3.0	180.0	26	4680.0
Downloa	27	Type 2	4.3	182.0	28	5096.0
Downloa	28	Type 2	4.0	194.0	28	5432.0
Downloa	29	Type 2	4.8	197.0	29	5713.0



Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 3	7.2	336.0	16	5376.0
Downloa	1	Type 3	9.1	477.0	18	8586.0
Downloa	2	Type 3	8.4	326.0	17	5542.0
Downloa	3	Type 3	8.9	469.0	18	8442.0
Downloa	4	Type 3	7.8	405.0	17	6885.0
Downloa	5	Type 3	7.5	419.0	17	7123.0
Downloa	6	Type 3	8.4	242.0	17	4114.0
Downloa	7	Type 3	8.9	388.0	18	6984.0
Downloa	8	Type 3	9.1	287.0	18	5166.0
Downloa	9	Type 3	7.1	342.0	16	5472.0
Downloa	10	Type 3	6.6	389.0	16	6224.0
Downloa	11	Type 3	7.5	356.0	17	6052.0
Downloa	12	Type 3	8.5	211.0	17	3587.0
Downloa	13	Type 3	8.9	474.0	18	8532.0
Downloa	14	Type 3	10.0	305.0	18	5490.0
Downloa	15	Type 3	9.9	357.0	18	6426.0
Downloa	16	Type 3	6.4	379.0	16	6064.0
Downloa	17	Type 3	6.8	396.0	16	6336.0
Downloa	18	Type 3	6.0	457.0	16	7312.0
Downloa	19	Type 3	7.0	209.0	16	3344.0
Downloa	20	Type 3	6.3	288.0	16	4608.0
Downloa	21	Type 3	6.4	441.0	16	7056.0
Downloa	22	Type 3	6.1	381.0	16	6096.0
Downloa	23	Type 3	9.8	394.0	18	7092.0
Downloa	24	Type 3	7.5	263.0	17	4471.0
Downloa	25	Type 3	7.7	454.0	17	7718.0
Downloa	26	Type 3	8.0	289.0	17	4913.0
Downloa	27	Type 3	9.3	439.0	18	7902.0
Downloa	28	Type 3	9.0	373.0	18	6714.0
Downloa	29	Type 3	9.8	416.0	18	7488.0



Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 4	13.8	336.0	13	4368.0
Downloa	1	Type 4	17.9	477.0	15	7155.0
Downloa	2	Type 4	16.5	326.0	15	4890.0
Downloa	3	Type 4	17.4	469.0	15	7035.0
Downloa	4	Type 4	15.0	405.0	14	5670.0
Downloa	5	Type 4	14.4	419.0	13	5447.0
Downloa	6	Type 4	16.4	242.0	14	3388.0
Downloa	7	Type 4	17.4	388.0	15	5820.0
Downloa	8	Type 4	18.0	287.0	15	4305.0
Downloa	9	Type 4	13.4	342.0	13	4446.0
Downloa	10	Type 4	12.5	389.0	12	4668.0
Downloa	11	Type 4	14.4	356.0	13	4628.0
Downloa	12	Type 4	16.6	211.0	15	3165.0
Downloa	13	Type 4	17.4	474.0	15	7110.0
Downloa	14	Type 4	19.8	305.0	16	4880.0
Downloa	15	Type 4	19.6	357.0	16	5712.0
Downloa	16	Type 4	12.0	379.0	12	4548.0
Downloa	17	Type 4	12.7	396.0	12	4752.0
Downloa	18	Type 4	11.0	457.0	12	5484.0
Downloa	19	Type 4	13.4	209.0	13	2717.0
Downloa	20	Type 4	11.6	288.0	12	3456.0
Downloa	21	Type 4	11.9	441.0	12	5292.0
Downloa	22	Type 4	11.2	381.0	12	4572.0
Downloa	23	Type 4	19.4	394.0	16	6304.0
Downloa	24	Type 4	14.4	263.0	13	3419.0
Downloa	25	Type 4	14.9	454.0	14	6356.0
Downloa	26	Type 4	15.5	289.0	14	4046.0
Downloa	27	Type 4	18.5	439.0	16	7024.0
Downloa	28	Type 4	17.7	373.0	15	5595.0
Downloa		Type 4	19.5	416.0	16	6656.0



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
0	5250	1	15	5290	1
1	5252	1	16	5294	1
2	5254	1	17	5298	1
3	5256	1	18	5302	1
4	5258	1	19	5306	1
5	5260	1	20	5310	1
6	5262	1	21	5312	1
7	5264	1	22	5314	1
8	5266	1	23	5316	1
9	5268	1	24	5318	1
10	5270	1	25	5320	1
11	5274	1	26	5322	1
12	5278	1	27	5324	1
13	5282	1	28	5326	1
14	5286	1	29	5328	1
	Det	ection Percentage	(%)		100%



			Type 5 Rad	dar Waveform	n_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	556240.0	65.7	10	1	1052.0	-	-
1	795926.0	88.2	10	3	1607.0	1354.0	1331.0
2	41781.0	80.3	10	2	1031.0	1527.0	-
3	282957.0	85.5	10	3	1858.0	1602.0	1683.0
4	525412.0	72.2	10	2	1036.0	1885.0	-
5	766907.0	69.1	10	2	1644.0	1703.0	-
6	11977.0	79.8	10	2	1800.0	1299.0	-
7	253293.0	85.6	10	3	1505.0	1847.0	1568.0
8	494243.0	88.6	10	3	1941.0	1825.0	1934.0
9	738303.0	63.7	10	1	1765.0	-	-
10	980225.0	58.4	10	1	1949.0	-	-
11	223930.0	69.1	10	2	1834.0	1463.0	-
			Type 5 Rad	dar Waveform	n_1		
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	328441.0	81.3	17	2	1690.0	1199.0	-
1	497902.0	85.5	17	3	1689.0	1235.0	1426.0
2	667551.0	98.9	17	3	1365.0	1574.0	1930.0
3	136459.0	97.7	17	3	1987.0	1606.0	1771.0
4	308194.0	56.0	17	1	1163.0	-	-
5	478551.0	59.7	17	1	1986.0	-	-
6	650090.0	50.4	17	1	1095.0	-	-
7	116147.0	63.3	17	1	1629.0	-	-
8	207164.0	50.0	1 -	1	11070		-
9	287164.0	53.8	17	1	1107.0	-	
	457516.0	55.1	17	1	1997.0	-	-
10	457516.0 628987.0	55.1 51.6	17 17	1 1 1	1997.0 1149.0	- - -	-
10 11	457516.0 628987.0 94759.0	55.1 51.6 96.4	17 17 17	1 1 1 3	1997.0 1149.0 1141.0	- - 1561.0	- - 1512.0
10 11 12	457516.0 628987.0 94759.0 265623.0	55.1 51.6 96.4 69.0	17 17 17 17 17	2	1997.0 1149.0 1141.0 1109.0	1286.0	-
10 11 12 13	457516.0 628987.0 94759.0 265623.0 436090.0	55.1 51.6 96.4 69.0 71.8	17 17 17 17 17 17	2 2	1997.0 1149.0 1141.0 1109.0 1202.0	1286.0 1436.0	-
10 11 12 13 14	457516.0 628987.0 94759.0 265623.0 436090.0 606508.0	55.1 51.6 96.4 69.0 71.8 74.8	17 17 17 17 17 17 17	2 2 2	1997.0 1149.0 1141.0 1109.0 1202.0 1752.0	1286.0 1436.0 1050.0	- 1512.0 - -
10 11 12 13	457516.0 628987.0 94759.0 265623.0 436090.0	55.1 51.6 96.4 69.0 71.8	17 17 17 17 17 17	2 2	1997.0 1149.0 1141.0 1109.0 1202.0	1286.0 1436.0	-



Type 5 Radar Waveform_2									
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	469369.0	97.0	14	3	1912.0	1166.0	1701.0		
0 1	664873.0	62.8	14	1	1612.0	-	-		
2	60007.0	79.9	14	2	1773.0	1323.0	-		
2 3 4 5 6	253362.0	81.9	14	2	1026.0	1815.0	-		
4	445395.0	100.0	14	3	1695.0	1736.0	1735.0		
5	640014.0	75.6	14	2	1658.0	1208.0	-		
6	36171.0	84.9	14	3	1189.0	1449.0	1078.0		
7	229622.0	78.3	14	2	1021.0	1560.0	-		
7 8 9	422822.0	71.0	14	2	1575.0	1382.0	-		
	615140.0	87.2	14	3	1580.0	1477.0	1182.0		
10	12354.0	90.3	14	3	1824.0	1880.0	1867.0		
11	205852.0	66.8	14	2	1015.0	1364.0	-		
12	399556.0	58.4	14	1	1868.0	-	-		
13	592478.0	83.1	14	2	1595.0	1147.0	-		
14	785433.0	69.0	14	2	1438.0	1716.0	-		
			Type 5 Ra	dar Waveforr	n_3				
Burst ID	Burst Offset (us)	Pulse Width (us)	Type 5 Ra Chirp Width (MHz)	Number of Pulses per		PRI-2 (us)	PRI-3 (us)		
ID	Offset	Width	Chirp Width	Number of Pulses	PRI-1				
ID	Offset (us)	Width (us)	Chirp Width (MHz)	Number of Pulses per	PRI-1 (us)				
ID 0 1 2	Offset (us) 160709.0	Width (us) 63.2	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us) 1661.0	(us)	(us) -		
ID 0 1 2	Offset (us) 160709.0 330181.0	Width (us) 63.2 84.9	Chirp Width (MHz)	Number of Pulses per Burst 1 3	PRI-1 (us) 1661.0 1385.0	(us) - 1631.0	(us) - 1457.0		
ID 0 1 2 3	Offset (us) 160709.0 330181.0 500146.0	Width (us) 63.2 84.9 88.7	Chirp Width (MHz) 16 16 16	Number of Pulses per Burst 1 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0	(us) - 1631.0 1748.0	(us) - 1457.0 1819.0 1546.0		
ID 0 1 2 3 4	Offset (us) 160709.0 330181.0 500146.0 670167.0	Width (us) 63.2 84.9 88.7 98.2	Chirp Width (MHz) 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0	(us) - 1631.0 1748.0 1553.0	(us) - 1457.0 1819.0		
ID 0 1 2 3 4 5 6	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0	Width (us) 63.2 84.9 88.7 98.2 88.9	Chirp Width (MHz) 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0	(us) - 1631.0 1748.0 1553.0 1816.0	(us) - 1457.0 1819.0 1546.0		
ID 0 1 2 3 4 5 6	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4	Chirp Width (MHz) 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 2	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1225.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0	(us) - 1457.0 1819.0 1546.0 1856.0 -		
ID 0 1 2 3 4 5 6 7	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1295.0 1862.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0	(us) - 1457.0 1819.0 1546.0 1856.0 - 1248.0		
ID 0 1 2 3 4 5 6 7 8	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1228.0 1295.0 1862.0 1710.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	(us) - 1457.0 1819.0 1546.0 1856.0 - 1248.0 1588.0		
ID 0 1 2 3 4 5 6 7 8 9	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	(us) - 1457.0 1819.0 1546.0 1856.0 - 1248.0 1588.0		
ID 0 1 2 3 4 5 6 7 8 9 10	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	(us) - 1457.0 1819.0 1546.0 1856.0 - 1248.0 1588.0		
ID 0 1 2 3 4 5 6 7 8 9	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1225.0 1862.0 1710.0 1388.0 1201.0 1933.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	(us) - 1457.0 1819.0 1546.0 1856.0 - 1248.0 1588.0		
ID 0 1 2 3 4 5 6 7 8 9 10 11	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6	Chirp Width (MHz) 16 16 16 16 16 16 16 1	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - -	(us) 1457.0 1819.0 1546.0 1856.0 - 1248.0 1588.0 1401.0		
ID 0 1 2 3 4 5 6 7 8 9 10 11 12	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0 97201.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6 86.6	Chirp Width (MHz) 16 16 16 16 16 16 16 1	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 1 1 3 3 1 1 1 1 1 1 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - 1316.0	(us) - 1457.0 1819.0 1546.0 1546.0 - 1248.0 1588.0 1401.0 - - - 1314.0		
ID 0 1 2 3 4 5 6 7 8 9 10 11 12 13	Offset (us) 160709.0 330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0 97201.0 267094.0	Width (us) 63.2 84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6 86.6 83.9	Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 3 3 3 3 3 3 3 3 3 1 1 3 3 1 1 1 1 1 1 3	PRI-1 (us) 1661.0 1385.0 1115.0 1628.0 1228.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0 1753.0	(us) - 1631.0 1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - 1316.0	(us) - 1457.0 1819.0 1546.0 1546.0 - 1248.0 1588.0 1401.0 - - - 1314.0		



			Type 5 Rad	dar Waveform	n_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	322796.0	88.5	12	3	1205.0	1651.0	1207.0
1	546183.0	98.6	12	3	1008.0	1024.0	1194.0
2	767976.0	91.7	12	3	1504.0	1929.0	1347.0
3	72659.0	50.9	12	1	1439.0	-	-
4	295732.0	78.5	12	2	1468.0	1381.0	-
5	518576.0	87.3	12	3	1162.0	1250.0	1040.0
6	741231.0	81.3	12	2	1958.0	1969.0	-
7	45103.0	59.9	12	1	1888.0	-	-
8	268778.0	64.0	12	1	1003.0	-	-
9	491119.0	69.4	12	2	1939.0	1483.0	-
10	712952.0	85.0	12	3	1916.0	1374.0	1693.0
11	17579.0	72.6	12	2	1089.0	1041.0	-
12	241214.0	60.1	12	1	1074.0	-	-
			Type 5 Rac	dar Waveform	n_5		
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	502344.0	96.6	11	3	1100.0	1383.0	1101.0
1	742939.0	95.5	11	3	1890.0	1746.0	1377.0
2	985880.0	72.0	11	2	1378.0	1992.0	-
3	230838.0	82.7	11	2	1942.0	1971.0	-
4	473012.0	83.2	11	2	1128.0	1538.0	-
5	713183.0	84.2	11	3	1763.0	1641.0	1653.0
6	956619.0	83.2	11	2	1493.0	1342.0	-
7	201327.0	76.6	11	2	1237.0	1455.0	-
8	443528.0	52.3	11	1	1967.0	-	-
9	684708.0	68.6	11	2	1293.0	1947.0	-
10	924946.0	97.0	11	3	1905.0	1200.0	1758.0
11	171497.0	71.2	11	2	1813.0	1091.0	-



			Type 5 Ra	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	329738.0	84.9	14	3	1559.0	1618.0	1368.0							
1	523637.0	77.6	14	2	2000.0	1061.0	-							
2	715476.0	88.4	14	3	1795.0	1405.0	1465.0							
3	113435.0	64.9	14	1	1845.0	-	-							
4	305647.0	98.3	14	3	1884.0	1999.0	1514.0							
5	499340.0	94.4	14	3	1039.0	1780.0	1020.0							
6	694208.0	54.6	14	1	1799.0	-	-							
7	89259.0	86.8	14	3	1564.0	1691.0	1550.0							
8	282516.0	96.0	14	3	1116.0	1181.0	1389.0							
9	475846.0	78.3	14	2	1756.0	1597.0	-							
10	670361.0	59.8	14	1	1801.0	-	-							
11	65558.0	91.5	14	3	1727.0	1178.0	1234.0							
12	259025.0	68.1	14	2	1102.0	1665.0	-							
13	451120.0	84.7	14	3	1423.0	1609.0	1955.0							
14	644519.0	97.7	14	3	1848.0	1230.0	1188.0							
			Type 5 Ra	dar Waveforr	n 7									
				Number										
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	36958.0	57.3	16	1	1903.0	-	-							
1	206830.0	88.3	16	3	1922.0	1341.0	1573.0							
2	377587.0	74.9				A								
3		74.2	16	2	1970.0	1507.0	-							
	547755.0	99.1	16 16	2 3			- 1212.0							
4	15936.0	99.1 65.0	16 16		1970.0 1167.0 1502.0	1507.0 1338.0 -	-							
4 5		99.1 65.0	16	3 1 2	1970.0 1167.0	1507.0	-							
4 5 6	15936.0	99.1 65.0	16 16		1970.0 1167.0 1502.0	1507.0 1338.0 -	-							
4 5 6 7	15936.0 186396.0 355770.0 528317.0	99.1 65.0 68.9 84.9 57.6	16 16 16 16 16	3 1 2	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0	1507.0 1338.0 - 1262.0	- 1212.0 - -							
4 5 6 7 8	15936.0 186396.0 355770.0 528317.0 699656.0	99.1 65.0 68.9 84.9 57.6 66.1	16 16 16 16 16 16 16	3 1 2 3 1 1	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0	1507.0 1338.0 - 1262.0 1674.0 - -	- 1212.0 - - 1810.0 - -							
4 5 6 7 8 9	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7	16 16 16 16 16 16 16 16	3 1 2	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0	1507.0 1338.0 - 1262.0 1674.0	- 1212.0 - -							
4 5 6 7 8 9 10	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9	16 16 16 16 16 16 16 16 16	3 1 2 3 1 1	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0	1507.0 1338.0 - 1262.0 1674.0 - -	- 1212.0 - - 1810.0 - -							
4 5 6 7 8 9 10 11	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0 507378.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9 50.7	16 16	3 1 2 3 1 1	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0 1529.0	1507.0 1338.0 - 1262.0 1674.0 - - 1917.0 -	- 1212.0 - - 1810.0 - -							
4 5 6 7 8 9 10 11 12	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0 507378.0 676765.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9 50.7 82.2	16 16	3 1 2 3 1 1 3 1 1 2	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0 1529.0 1610.0	1507.0 1338.0 - 1262.0 1674.0 - - 1917.0 - - 1415.0	- 1212.0 - - 1810.0 - - 1068.0 -							
4 5 6 7 8 9 10 11 12 13	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0 507378.0 676765.0 144472.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9 50.7 82.2 67.2	16 16	3 1 2 3 1 1	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0 1529.0 1610.0 1204.0	1507.0 1338.0 - 1262.0 1674.0 - - 1917.0 - - 1415.0 1334.0	- 1212.0 - - 1810.0 - - 1068.0 -							
4 5 6 7 8 9 10 11 12 13 14	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0 507378.0 676765.0 144472.0 314781.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9 50.7 82.2 67.2 67.2 67.7	16 16	3 1 2 3 1 1 1 3 1 1 2 2 2 2	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0 1529.0 1610.0 1204.0 1503.0	1507.0 1338.0 - 1262.0 1674.0 - - 1917.0 - - 1415.0 1334.0 1649.0	- 1212.0 - - 1810.0 - - 1068.0 - - - - - - - - - - - - -							
4 5 6 7 8 9 10 11 12 13	15936.0 186396.0 355770.0 528317.0 699656.0 165086.0 336732.0 507378.0 676765.0 144472.0	99.1 65.0 68.9 84.9 57.6 66.1 88.7 53.9 50.7 82.2 67.2	16 16	3 1 2 3 1 1 3 1 1 2	1970.0 1167.0 1502.0 1655.0 1633.0 1666.0 1118.0 1244.0 1148.0 1529.0 1610.0 1204.0	1507.0 1338.0 - 1262.0 1674.0 - - 1917.0 - - 1415.0 1334.0	- 1212.0 - - 1810.0 - - 1068.0 -							



			Type 5 Ra	dar Waveform	า_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	116316.0	94.7	17	3	1093.0	1275.0	1656.0
1	277747.0	79.7	17	2	1132.0	1171.0	-
2	437173.0	93.7	17	3	1792.0	1281.0	1809.0
3	600572.0	59.6	17	1	1675.0	-	-
3 4 5 6	96408.0	92.9	17	3	1785.0	1931.0	1073.0
5	257092.0	95.0	17	3	1340.0	1231.0	1812.0
6	419553.0	65.7	17	1	1472.0	-	-
7	579387.0	75.0	17	2	1925.0	1261.0	-
8	76867.0	80.3	17	2	1168.0	1615.0	-
9	237285.0	85.8	17	3	1730.0	1462.0	1253.0
10	399684.0	64.1	17	1	1467.0	-	-
11	560306.0	68.2	17	2	1032.0	1276.0	-
12	56892.0	85.6	17	3	1151.0	1895.0	1397.0
13	217789.0	80.5	17	2	1692.0	1876.0	-
14	379857.0	64.6	17	1	1387.0	-	-
15	538314.0	98.5	17	3	1728.0	1866.0	1351.0
16	37123.0	86.6	17	3	1105.0	1601.0	1480.0
17	198270.0	75.8	17	2	1328.0	1267.0	-
			Type 5 Ra	dar Waveform	า_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	587983.0	88.4	9	3	1399.0	1297.0	1566.0
1	852498.0	77.5	9	2	1443.0	1583.0	-
2	28478.0	69.6	9	2	1028.0	1335.0	-
3	292109.0	82.0	9	2	1998.0	1762.0	-
4	556786.0	52.2	9	1	1786.0	-	-
5	818870.0	100.0	9	3	1002.0	1627.0	1894.0
6	108343	70.0	9	2	1836.0	1598.0	-
7	259741.0	72.2	9	2	1791.0	1509.0	-
8	523336.0	76.3	9	2	1932.0	1751.0	-
9	786672.0	94.4	9	3	1432.0	1379.0	1357.0
10	105015	93.7	9	3	1654.0	1247.0	1355.0



			Type 5 Rad	lar 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	249978.0	72.4	7	2	1706.0	1906.0	-
1	540241.0	69.5	7	2	1983.0	1404.0	-
2	830669.0	78.3	7	2	1833.0	1249.0	-
3	111995	92.2	7	3	1359.0	1062.0	1732.0
4	214224.0	79.9	7	2	1864.0	1820.0	-
5	503982.0	96.8	7	3	1227.0	1841.0	1531.0
6	794260.0	88.4	7	3	1027.0	1634.0	1403.0
7	108341	91.1	7	3	1892.0	1620.0	1545.0
8	178450.0	88.1	7	3	1317.0	1226.0	1376.0
9	469646.0	64.5	7	1	1088.0	-	-
			Type 5 Rad	lar Waveform	_11		
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	631843.0	93.3	11	3	1106.0	1292.0	1411.0
1	875567.0	59.1	11	1	1394.0	-	-
2	118897.0	74.1	11	2	1873.0	1685.0	-
3	360433.0	84.7	11	3	1055.0	1056.0	1814.0
4	602764.0	83.1	11	2	1001.0	1680.0	-
5	843778.0	70.8	11	2	1826.0	1879.0	-
6	89017.0	89.5	11	3	1349.0	1478.0	1973.0
7	331021.0	80.6	11	2	1699.0	1185.0	-
8	573751.0	58.1	11	1	1320.0	-	-
9	812497.0	89.4	11	3	1985.0	1976.0	1600.0
10	59487.0	52.3	11	1	1440.0	-	-
11	300479.0	95.7	11	3	1754.0	1662.0	1964.0



			Type 5 Rada	ar 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	406232.0	91.5	14	3	1004.0	1781.0	1337.0
1	587502.0	79.3	14	2	1977.0	1673.0	-
2	22216.0	58.6	14	1	1951.0	-	-
3	203714.0	60.3	14	1	1682.0	-	-
4	385281.0	62.7	14	1	1535.0	-	-
5	565109.0	77.4	14	2	1796.0	1981.0	-
6	745139.0	93.7	14	3	1935.0	1676.0	1119.0
7	180677.0	89.7	14	3	1702.0	1081.0	1711.0
8 9	362473.0	70.6	14	2	1152.0	1307.0	-
9	543591.0	68.7	14	2	1298.0	1414.0	-
10	724984.0	71.4	14	2	1155.0	1400.0	-
11	158829.0	81.3	14	2	1137.0	1366.0	-
12	340706.0	57.9	14	1	1217.0	-	-
13	522368.0	66.3	14	1	1133.0	-	-
14	701153.0	85.8	14	3	1287.0	1547.0	1318.0
15	136284.0	76.1	14	2	1899.0	1775.0	-

Type 5 Radar 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	299363.0	55.6	16	1	1729.0	-	-
1	468289.0	83.8	16	3	1541.0	1488.0	1475.0
2	639981.0	76.2	16	2	1243.0	1520.0	-
3	107519.0	57.3	16	1	1913.0	-	-
4	277465.0	98.6	16	3	1511.0	1022.0	1375.0
5	449522.0	61.2	16	1	1077.0	-	-
6	617777.0	95.2	16	3	1556.0	1309.0	1259.0
7	86299.0	68.4	16	2	1668.0	1789.0	-
8	256302.0	95.5	16	3	1393.0	1678.0	1362.0
9	426652.0	97.4	16	3	1072.0	1076.0	1914.0
10	597206.0	69.2	16	2	1900.0	1761.0	-
11	65295.0	79.2	16	2	1708.0	1961.0	-
12	235769.0	80.5	16	2	1911.0	1265.0	-
13	405615.0	91.7	16	3	1172.0	1517.0	1494.0
14	577277.0	68.2	16	2	1333.0	1049.0	-
15	44444.0	55.0	16	1	1645.0	-	-
16	214262.0	91.4	16	3	1797.0	1391.0	1669.0



			Type 5 Rad	ar 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	326952.0	76.7	20	2	1688.0	1872.0	-
1	471958.0	78.0	20	2	1165.0	1952.0	-
2 3	19796.0	99.1	20	3	1183.0	1870.0	1312.0
3	164367.0	83.5	20	3	1586.0	1258.0	1121.0
4	309365.0	69.6	20	2	1741.0	1373.0	-
5	453214.0	84.1	20	3	1064.0	1776.0	1476.0
6	2011.0	61.0	20	1	1605.0	-	-
7	146598.0	97.4	20	3	1647.0	1037.0	1127.0
8	290857.0	98.5	20	3	1697.0	1433.0	1369.0
9	435646.0	94.0	20	3	1196.0	1473.0	1336.0
10	580704.0	74.5	20	2	1686.0	1794.0	-
11	128652.0	87.7	20	3	1859.0	1324.0	1257.0
12	273064.0	92.8	20	3	1709.0	1035.0	1760.0
13	418857.0	76.8	20	2	1304.0	1252.0	-
14	562926.0	66.8	20	2	1898.0	1537.0	-
15	110807.0	85.0	20	3	1284.0	1857.0	1585.0
16	256706.0	63.3	20	1	1164.0	-	-
17	400306.0	75.0	20	2	1886.0	1717.0	-
18	546056.0	74.3	20	2	1350.0	1043.0	-
19	93480.0	63.1	20	1	1803.0	-	-



			Type 5 Rac	lar Waveform	n_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	237640.0	95.0	20	3	1282.0	1180.0	1652.0
1	381961.0	97.2	20	3	1420.0	1005.0	2000.0
2	528059.0	80.3	20	2	1427.0	1129.0	-
3	75409.0	84.1	20	3	1117.0	1030.0	1242.0
4	219990.0	90.3	20	3	1086.0	1402.0	1213.0
5	365699.0	64.8	20	1	1923.0	-	-
6	510717.0	65.3	20	1	1963.0	-	-
7	57801.0	58.2	20	1	1156.0	-	-
8	202755.0	64.5	20	1	1994.0	-	-
9	348106.0	59.1	20	1	1451.0	-	-
10	492264.0	78.9	20	2	1616.0	1059.0	-
11	39897.0	50.5	20	1	1370.0	-	-
12	184941.0	66.4	20	1	1829.0	-	-
13	328398.0	90.0	20	3	1852.0	1839.0	1071.0
14	474041.0	81.2	20	2	1757.0	1395.0	-
15	21910.0	88.3	20	3	1264.0	1643.0	1266.0
16	166140.0	86.8	20	3	1843.0	1428.0	1891.0
17	310184.0	92.6	20	3	1921.0	1881.0	1787.0
18	455159.0	86.1	20	3	1471.0	1851.0	1206.0
19	4112.0	99.7	20	3	1085.0	1519.0	1209.0
			Type 5 Rac	lar 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	332205.0	65.2	6	1	1469.0	-	-
1	655294.0	60.0	6	1	1327.0	-	-
2	977954.0	50.1	6	1	1863.0	-	-
2 3 4	129957	67.3	6	2	1246.0	1950.0	-
4	292288.0	70.6	6	2	1047.0	1010.0	-
5 6	614831.0	80.7	6	2	1122.0	1657.0	-
6	938370.0	52.7	6	1	1589.0	-	-
7	125968	70.6	6	2	1811.0	1548.0	-
8	252534.0	52.3	6	1	1966.0	-	-



			Type 5 Rac	lar Waveform	_17		
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	516587.0	94.2	8	3	1915.0	1452.0	1416.0
0 1	807672.0	67.1	8	2	1329.0	1664.0	-
2 3 4 5 6	109835	66.7	8	2	1058.0	1533.0	-
3	191074.0	93.9	8	3	1190.0	1184.0	1962.0
4	481041.0	91.9	8	3	1075.0	1319.0	1989.0
5	770650.0	96.4	8	3	1945.0	1430.0	1576.0
6	106204	79.6	8	2	1518.0	1681.0	-
7 8	155311.0	97.8	8	3	1636.0	1288.0	1745.0
8	446517.0	64.9	8	1	1177.0	-	-
9	735339.0	93.3	8	3	1051.0	1594.0	1671.0
			Type 5 Rac	lar Waveform	_18		
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	128504	54.7	5	1	1454.0	-	-
1	149735.0	68.7	5	2	1621.0	1882.0	-
2	513375.0	52.7	5	1	1482.0	-	-
3	875795.0	82.8	5	2	1490.0	1733.0	-
4	123736	89.3	5	3	1731.0	1551.0	1684.0
5	105167.0	65.0	5	1	1521.0	-	-
6	468186.0	74.0	5	2	1424.0	1406.0	-
7	830813.0	71.3	5	2	1910.0	1793.0	-
			Type 5 Rac	lar 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	868903.0	52.8	9	1	1755.0	-	-
1	43817.0	95.6	9	3	1632.0	1053.0	1187.0
2	307495.0	78.5	9	2	1957.0	1784.0	-
2 3 4 5 6 7	571165.0	98.3	9	3	1143.0	1045.0	1557.0
4	835332.0	70.8	9	2	1988.0	1113.0	-
5	11323.0	88.9	9	3	1960.0	1783.0	1980.0
6	275259.0	74.6	9	2	1224.0	1558.0	-
	538076.0	98.0	9	3	1936.0	1305.0	1737.0
8	802117.0	85.0	9	3	1498.0	1306.0	1268.0
9	106565	97.1	9	3	1768.0	1300.0	1060.0
10	242947.0	62.9	9	1	1907.0	-	-



			Type 5 Rada	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	697838.0	63.4	6	1	1280.0	-	-		
1	106146	59.5	6	1	1082.0	-	-		
2	142466	62.1	6	1	1437.0	-	-		
3	288964.0	94.8	6	3	1070.0	1563.0	1822.0		
4	652992.0	55.8	6	1	1447.0	-	-		
5	101527	70.4	6	2	1968.0	1193.0	-		
6	137809	92.0	6	3	1111.0	1138.0	1140.0		
7	244841.0	62.2	6	1	1057.0	-	-		
Type 5 Radar Waveform_21									
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	540726.0	56.6	6	1	1083.0	-	-		
1	862320.0	74.6	6	2	1871.0	1555.0	-		
2	118355	93.6	6	3	1142.0	1920.0	1830.0		
3	177711.0	51.5	6	1	1849.0	-	-		
4	500068.0	90.6	6	3	1225.0	1013.0	1126.0		
5	822886.0	71.8	6	2	1392.0	1554.0	-		
6	114376	99.4	6	3	1778.0	1719.0	1523.0		
7	137779.0	81.3	6	2	1524.0	1817.0	-		
8	460398.0	81.0	6	2	1707.0	1479.0	-		
			Type 5 Rada	ar Waveform	_22				
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	882397.0	62.4	5	1	1000.0	-	-		
1	124449	77.2	5	2	1738.0	1017.0	-		
2	110468.0	60.8	5	1	1513.0	-	-		
2 3 4	473904.0	52.2	5	1	1496.0	-	-		
	835905.0	96.7	5	3	1640.0	1386.0	1034.0		
5	120106	59.4	5	1	1131.0	-	-		
6	65559.0	100.0	5	3	1806.0	1296.0	1650.0		
7	428739.0	75.0	5	2	1577.0	1308.0	-		



			Type 5 Rac	lar Waveform	_23		
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	315801.0	73.9	19	2	1646.0	1274.0	-
0 1	460017.0	96.0	19	3	1639.0	1014.0	1038.0
2	8328.0	96.4	19	3	1604.0	1011.0	1321.0
2 3 4 5 6 7	152980.0	77.8	19	2	1617.0	1978.0	-
4	298158.0	69.2	19	2	1145.0	1384.0	-
5	441728.0	93.9	19	3	1042.0	1330.0	1959.0
6	589412.0	61.4	19	1	1063.0	-	-
7	135390.0	82.6	19	2	1103.0	1487.0	-
<u>8</u> 9	279581.0	84.8	19	3	1094.0	1818.0	1170.0
9	426088.0	51.5	19	1	1302.0	-	-
10	567867.0	83.7	19	3	1485.0	1453.0	1953.0
11	117126.0	92.6	19	3	1854.0	1448.0	1408.0
12	262164.0	74.0	19	2	1642.0	1562.0	-
13	405869.0	97.0	19	3	1528.0	1425.0	1772.0
14	553398.0	62.4	19	1	1310.0	-	-
15	99283.0	97.4	19	3	1995.0	1278.0	1790.0
16	245056.0	52.7	19	1	1444.0	-	-
17	389173.0	67.3	19	2	1522.0	1534.0	-
18	532364.0	96.7	19	3	1747.0	1624.0	1459.0
19	82028.0	59.2	19	1	1277.0	-	-
			Type 5 Rac	lar Waveform	_24		
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	377323.0	94.1	11	3	1902.0	1938.0	1993.0
1	619644.0	88.0	11	3	1584.0	1222.0	1092.0
1 2 3 4 5 6 7	862245.0	76.4	11	2	1216.0	1508.0	-
3	106729.0	71.4	11	2	1821.0	1928.0	-
4	349020.0	57.6	11	1	1837.0	-	-
5	589632.0	93.7	11	3	1861.0	1054.0	1410.0
6	831112.0	85.6	11	3	1254.0	1924.0	1150.0
7	77124.0	57.8	11	1	1712.0	-	-
<u>8</u> 9	318076.0	86.2	11	3	1838.0	1526.0	1990.0
	561361.0	60.7	11	1	1704.0	-	-
10	802498.0	66.8	11	2	1827.0	1096.0	-
11	47315.0	50.1	11	1	1429.0	-	-



			Type 5 Rac	lar 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	267210.0	62.2	11	1	1390.0	-	-
1	490092.0	69.8	11	2	1593.0	1029.0	-
2	712416.0	82.0	11	2	1807.0	1996.0	-
3	16100.0	74.4	11	2	1944.0	1544.0	-
4	238606.0	95.6	11	3	1927.0	1850.0	1724.0
5	461724.0	84.5	11	3	1214.0	1198.0	1940.0
6	684791.0	87.5	11	3	1210.0	1175.0	1635.0
7	908685.0	80.7	11	2	1572.0	1442.0	-
8	211614.0	82.2	11	2	1798.0	1877.0	-
9	435258.0	69.0	11	2	1191.0	1087.0	-
10	659399.0	55.7	11	1	1134.0	-	-
11	881648.0	70.3	11	2	1255.0	1290.0	-
12	184604.0	65.7	11	1	1396.0	-	-
			Type 5 Rad	lar Waveform	_26		
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	377603.0	88.7	12	3	1715.0	1489.0	1220.0
1	586488.0	57.0	12	1	1398.0	-	-
2	794214.0	65.5	12	1	1203.0	-	-
3	145884.0	64.7	12	1	1097.0	-	-
4	353509.0	63.4	12	1	1080.0	-	-
5	558727.0	99.6	12	3	1434.0	1614.0	1700.0
6	767219.0	79.3	12	2	1500.0	1289.0	-
7	120207.0	62.7	12	1	1831.0	-	-
8	326722.0	90.7	12	3	1694.0	1270.0	1283.0
9	534378.0	81.0	12	2	1626.0	1339.0	-
10	739973.0	86.0	12	3	1322.0	1670.0	1782.0
11	94480.0	69.6	12	2	1435.0	1984.0	-
12	301708.0	75.0	12	2	1446.0	1481.0	-
13	508961.0	70.2	12	2	1346.0	1450.0	



			Type 5 Rad	dar Waveform	_27		
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	556338.0	75.5	18	2	1495.0	1492.0	-
1	53780.0	58.3	18	1	1019.0	-	-
2 3 4	215183.0	53.6	18	1	1136.0	-	-
3	374743.0	96.4	18	3	1525.0	1552.0	1332.0
4	535923.0	74.1	18	2	1742.0	1972.0	-
5	33707.0	84.7	18	3	1251.0	1619.0	1832.0
5 6 7	194525.0	83.5	18	3	1125.0	1195.0	1458.0
7	356185.0	80.4	18	2	1098.0	1023.0	-
8 9	518050.0	54.1	18	1	1232.0	-	-
9	13999.0	64.9	18	1	1464.0	-	-
10	174686.0	88.0	18	3	1506.0	1108.0	1301.0
11	336723.0	51.8	18	1	1348.0	-	-
12	496905.0	68.3	18	2	1218.0	1705.0	-
13	658406.0	79.9	18	2	1160.0	1236.0	-
14	155436.0	66.0	18	1	1565.0	-	-
15	316074.0	77.0	18	2	1372.0	1599.0	-
16	477063.0	75.1	18	2	1908.0	1033.0	-
17	637656.0	82.2	18	2	1441.0	1897.0	-

	Type 5 Radar Waveform_28								
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	143520.0	56.0	16	1	1759.0	-	-		
1	314273.0	55.7	16	1	1802.0	-	-		
2 3	483786.0	68.9	16	2	1948.0	1667.0	-		
3	652538.0	86.7	16	3	1592.0	1855.0	1853.0		
4	122128.0	70.0	16	2	1965.0	1842.0	-		
5 6	292317.0	93.1	16	3	1466.0	1294.0	1256.0		
6	463245.0	72.8	16	2	1901.0	1048.0	-		
7	634942.0	61.2	16	1	1603.0	-	-		
8	101004.0	87.5	16	3	1764.0	1740.0	1345.0		
9	270965.0	87.4	16	3	1161.0	1874.0	1975.0		
10	442333.0	71.5	16	2	1623.0	1186.0	-		
11	611630.0	88.9	16	3	1380.0	1470.0	1360.0		
12	80130.0	96.1	16	3	1174.0	1532.0	1540.0		
13	251356.0	54.8	16	1	1285.0	-	-		
14	421566.0	70.6	16	2	1371.0	1044.0	-		
15	592916.0	64.3	16	1	1539.0	-	-		
16	59381.0	61.9	16	1	1734.0	-	-		



			Type 5 Rac	lar Waveform	_29		
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	194964.0	72.4	20	2	1919.0	1608.0	-
1	339938.0	78.6	20	2	1260.0	1723.0	-
2	484184.0	72.6	20	2	1982.0	1677.0	-
3	32471.0	81.7	20	2	1909.0	1805.0	-
4	176902.0	85.6	20	3	1046.0	1510.0	1788.0
5	322214.0	82.2	20	2	1484.0	1291.0	-
6	467917.0	58.3	20	1	1679.0	-	-
7	14703.0	52.8	20	1	1865.0	-	-
8	159759.0	50.5	20	1	1904.0	-	-
9	304437.0	76.8	20	2	1069.0	1579.0	-
10	450207.0	61.6	20	1	1461.0	-	-
11	594090.0	81.2	20	2	1159.0	1590.0	-
12	141232.0	99.5	20	3	1018.0	1918.0	1749.0
13	285676.0	96.8	20	3	1361.0	1582.0	1613.0
14	432135.0	63.7	20	1	1725.0	-	-
15	577699.0	55.9	20	1	1245.0	-	-
16	124147.0	53.7	20	1	1313.0	-	-
17	269324.0	63.5	20	1	1363.0	-	-
18	413259.0	69.2	20	2	1954.0	1219.0	-
19	559936.0	51.2	20	1	1112.0	-	-



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 Pe	rcentage (%)	100	0%



		Type 6 Rad	ar Waveform_0		
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	ar Waveform_1		
Frequenc					
List (MHz)	0	1	2	3	4
0	5418	5529	5378	5374	5417
0 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
45	5272	5351	5505	5508	5293
50	5536	5535	5422	5509	5643
55	5314	5562	5709	5282	5369
60	5699	5588	5298	5424	5342
65	5713	5633	5705	5471	5578
70	5520	5541	5371	5308	5332
75	5408	5285	5512	5586	5539
80	5557	5425	5710	5720	5526
85	5427	5616	5392	5286	5400
90	5428	5513	5675	5676	5653
95	5495	5304	5724	5315	5698



		Type 6 Rad	ar Waveform_2		
Frequenc List (MHz)	0	1	2	3	4
0	5673	5293	5314	5535	5637
0 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 Rad	ar Waveform_3		-
Frequenc List	0	1	2	3	4
(MHz)					
0 5	5453	5532	5250	5599	5479
5	5265	5581	5352	5596	5412
10	5458	5556	5361	5598	5504
15	5450	5524	5289	5495	5448
20	5417	5465	5648	5426	5286
25	5663	5306	5492	5590	5493
30	5462	5580	5296	5578	5615
35	5531	5525	5322	5316	5537
40	5367	5592	5350	5612	5649
45	5347	5279	5378	5503	5257
50	5385	5362	5317	5327	5520
55 60	5443 5343	5622 5701	5585 5393	5256 5597	5644 5660
65	5340	5586	5423	5702	5445
70	5326	5386	5560	5559	5337
75	5552	5613	5260	5391	5501
80	5345	5338	5522	5553	5374
85	5404	5301	5407	5540	5510
90	5309	5705	5406	5368	5444
95	5294	5313	5275	5519	5654
95	5294	5515	5275	2212	5054



		Type 6 F	adar Waveform_	_4	
Frequenc List (MHz)	0	1	2	3	4
0	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 F	adar Waveform	5	
	1				
Frequenc List (MHz)	0	1	2	3	4
List (MHz)	0		2		4 5444
List (MHz) 0	0 5391	5535	5597	5446	5444
List (MHz) 0 5	0 5391 5349	5535 5625	5597 5502	5446 5447	5444 5448
List (MHz) 0 5 10	0 5391 5349 5698	5535 5625 5609	5597 5502 5540	5446 5447 5513	5444 5448 5546
List (MHz) 0 5 10 15	0 5391 5349 5698 5529	5535 5625 5609 5610	5597 5502 5540 5633	5446 5447 5513 5282	5444 5448 5546 5404
List (MHz) 0 5 10 15 20	0 5391 5349 5698 5529 5464	5535 5625 5609 5610 5652	5597 5502 5540 5633 5254	5446 5447 5513 5282 5372	5444 5448 5546 5404 5440
List (MHz) 0 5 10 15 20 25	0 5391 5349 5698 5529 5464 5712	5535 5625 5609 5610 5652 5322	5597 5502 5540 5633 5254 5658	5446 5447 5513 5282 5372 5674	5444 5448 5546 5404 5440 5337
List (MHz) 0 5 10 15 20 25 30	0 5391 5349 5698 5529 5464 5712 5494	5535 5625 5609 5610 5652 5322 5583	5597 5502 5540 5633 5254 5658 5697	5446 5447 5513 5282 5372 5674 5476	5444 5448 5546 5404 5440 5337 5381
List (MHz) 0 5 10 15 20 25 30 35	0 5391 5349 5698 5529 5464 5712 5494 5598	5535 5625 5609 5610 5652 5322 5583 5356	5597 5502 5540 5633 5254 5658 5697 5722	5446 5447 5513 5282 5372 5674 5476 5469	5444 5448 5546 5404 5440 5337 5381 5703
List (MHz) 0 5 10 15 20 25 30 35 40	0 5391 5349 5698 5529 5464 5712 5494 5598 5621	5535 5625 5609 5610 5652 5322 5583 5356 5441	5597 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
List (MHz) 0 5 10 15 20 25 30 35 40 45	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5638 5638 5462	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635	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
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5495 5720	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548	5446 5447 5513 5282 5372 5674 5469 5395 5438 5638 5462 5382	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596 5495 5720 5677	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5497	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5638 5462 5382 5479 5274	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 55 60 65 70 75	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5438 5638 5462 5382 5462 5382 5479 5274 5369	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5720 5677 5675 5723	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 548 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
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60 65 70 75 80 85	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385 5385 5386	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596 5495 5720 5677 5675 5723 5536	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5499 5482 5492 5594	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
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5720 5677 5675 5723	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 548 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



		Type 6 R	adar Waveform	6	
	-			-•	
Frequenc List (MHz)	0	1	2	3	4
0 5 10	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 R	adar Waveform	_7	
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
65	5393	5610	5424	5338	5488
70	5486	5268	5651	5555	5518
75	5689	5463	5483	5298	5323
80	5519	5697	5282	5428	5626
85	5278	5621	5694	5541	5632
90	5559	5525	5289	5585	5271
95	5255	5526	5376	5427	5721



		Type 6 F	Radar Waveform_	_8	
Frequenc List (MHz)	0	1	2	3	4
0 5	5584	5302	5405	5454	5348
	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
Frequence	1	Type 6 F	adar Waveform_	_9	
List (MHz)	0	1	2	3	4
0	5364	5541	5341	5615	5568
0 5	5364 5614	5541 5519	5341 5327	5615 5527	5568 5423
0 5 10					
5	5614	5519	5327	5527	5423
5 10	5614 5325	5519 5337	5327 5704	5527 5721	5423 5630
5 10 15	5614 5325 5309	5519 5337 5643	5327 5704 5570	5527 5721 5365	5423 5630 5697
5 10 15 20	5614 5325 5309 5302	5519 5337 5643 5647	5327 5704 5570 5305	5527 5721 5365 5416	5423 5630 5697 5264
5 10 15 20 25	5614 5325 5309 5302 5273	5519 5337 5643 5647 5477	5327 5704 5570 5305 5360	5527 5721 5365 5416 5319	5423 5630 5697 5264 5464
5 10 15 20 25 30	5614 5325 5309 5302 5273 5465	5519 5337 5643 5647 5477 5322	5327 5704 5570 5305 5360 5396	5527 5721 5365 5416 5319 5549	5423 5630 5697 5264 5464 5512
5 10 15 20 25 30 35	5614 5325 5309 5302 5273 5465 5268	5519 5337 5643 5647 5477 5322 5308	5327 5704 5570 5305 5360 5396 5354	5527 5721 5365 5416 5319 5549 5687	5423 5630 5697 5264 5464 5512 5475
5 10 15 20 25 30 35 40	5614 5325 5309 5302 5273 5465 5268 5397	5519 5337 5643 5647 5477 5322 5308 5657	5327 5704 5570 5305 5360 5396 5354 5373	5527 5721 5365 5416 5319 5549 5687 5510	5423 5630 5697 5264 5464 5512 5475 5526
5 10 15 20 25 30 35 40 45	5614 5325 5309 5302 5273 5465 5268 5397 5370	5519 5337 5643 5647 5477 5322 5308 5657 5432	5327 5704 5570 5305 5360 5396 5354 5373 5433	5527 5721 5365 5416 5319 5549 5687 5510 5599	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292
5 10 15 20 25 30 35 40 45 50	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583
5 10 15 20 25 30 35 40 45 50 55	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491 5601	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292
5 10 15 20 25 30 35 40 45 50 55 60 65 70	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650 5692	5519 5337 5643 5647 5477 5322 5308 5657 5432 5432 5491 5601 5458	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642 5306	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420 5585	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292 5362
5 10 15 20 25 30 35 40 45 50 55 60 65	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650 5650 5692 5558	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491 5601 5458 5368	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642 5306 5291	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420 5585 5466	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292 5362 5500
5 10 15 20 25 30 35 40 45 50 55 60 65 70	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650 5692 5558 5569	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491 5601 5458 5368 5368 5252	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642 5306 5291 5715	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420 5585 5466 5279	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292 5362 5500 5253
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650 5650 5692 5558 5569 5560	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491 5601 5458 5368 5252 5250	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642 5306 5291 5715 5359	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420 5585 5466 5279 5357	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292 5362 5500 5253 5652
5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5614 5325 5309 5302 5273 5465 5268 5397 5370 5269 5650 5692 5558 5569 5560 5560 5560	5519 5337 5643 5647 5477 5322 5308 5657 5432 5491 5601 5458 5368 5252 5250 5705	5327 5704 5570 5305 5360 5396 5354 5373 5433 5668 5642 5306 5291 5715 5359 5543	5527 5721 5365 5416 5319 5549 5687 5510 5599 5442 5420 5585 5466 5279 5357 5556	5423 5630 5697 5264 5464 5512 5475 5526 5484 5583 5292 5362 5500 5253 5652 5453



		Type 6 Rad	ar Waveform_10		
Frequenc 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 Rad	ar Waveform_11		
Frequenc					
List (MHz)	0	1	2	3	4
0	5399	5544	5688	5365	5630
5	5320	5466	5477	5281	5459
10	5565	5390	5311	5636	5672
15	5485	5325	5679	5455	5703
20	5318	5407	5284	5497	5685
25	5427	5720	5408	5568	5387
30	5645	5340	5711	5351	5475
35	5530	5546	5490	5518	5400
40	5647	5445	5724	5418	5520
45	5606	5392	5536	5549	5705
50	5496	5368	5295	5717	5607
55	5441	5405	5550	5634	5716
60	5572	5501	5307	5411	5286
65	5657	5508	5662	5553	5493
70	5309	5382	5329	5512	5643
75	5675	5597	5366	5504	5259
80	5666	5593	5306	5483	5648
85	5355	5335	5315	5540	5342
90	5360	5551	5435	5668	5269
	5646	5706	5394		5395
95	5646	5706	5394	5610	5395



		Type 6 Rad	ar Waveform_12		
Frequenc					
List (MHz)	0	1	2	3	4
	5557	5405	5624	5526	5472
0 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 Rad	ar Waveform_13		
Frequenc		1	2	3	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	5578	5631
25	5581	5521	5717	5455	5254
30	5690	5625	5684	5401	5548
35	5252	5672	5585	5446	5703
40	5325	5611	5503	5423	5514
45	5367	5255	5702	5568	5313
50	5626	5720	5397	5420	5253
55	5707	5306	5361	5705	5421
60	5479	5402	5491	5462	5262
65	5531	5400	5416	5659	5632
70	5550	5349	5634	5637	5378
75 80	5485 5555	5502	5464	5516 5314	5362
85	5706	5466 5642	5288 5270	5713	5630 5571
90	5563	5629	5556	5359	5686
90	5599	5658	5677	5633	5256
95	2222	0000	10077	2022	5250



		Type 6 Rad	ar Waveform_14		
Frequenc					
List (MHz)	0	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
		Type 6 Rad	ar Waveform_15		
Frequenc			0	2	
List (MHz)	0	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 5292	5561
90 95	5380	5704	5454		5300
95	5377	5560	5689	5595	5511



		Type 6 R	adar Waveform_	16	
Frequenc List (MHz)	0	1	2	3	4
0	5627	5411	5368	5695	5596
5	5285	5377	5524	5641	5501
10	5382	5613	5564	5302	5353
15	5388	5622	5486	5713	5639
20	5568	5561	5273	5550	5623
25	5649	5376	5332	5557	5477
30	5454	5496	5282	5479	5386
35	5572	5567	5545	5527	5542
40	5414	5482	5317	5571	5602
45	5532	5670	5476	5645	5398
50	5352	5632	5298	5309	5575
55	5442	5395	5698	5703	5256
60	5295	5314	5511	5394	5708
65	5581	5335	5506	5643	5327
70	5306	5421	5336	5591	5427
75	5341	5326	5625	5412	5409
80	5472	5547	5448	5554	5517
85	5633	5519	5669	5549	5369
90	5515	5628	5619	5682	5560
95	5577	5275	5673	5325	5709
		Type 6 R	adar Waveform_	17	
Fraquanc	1				
Frequenc List (MHz)	0	1	2	3	4
List (MHz)	0		2 5304	3	
List (MHz) 0	0 5310	1 5650 5307		3 5381	5341
List (MHz) 0 5	0 5310 5291	5650 5307	5304 5452	3 5381 5687	5341 5470
List (MHz) 0 5 10	0 5310	5650 5307 5646	5304	3 5381 5687 5662	5341 5470 5323
List (MHz) 0 5 10 15	0 5310 5291 5432 5344	5650 5307 5646 5515	5304 5452 5654 5250	3 5381 5687 5662 5531	5341 5470 5323 5430
List (MHz) 0 5 10 15 20	0 5310 5291 5432 5344 5647	5650 5307 5646 5515 5259	5304 5452 5654 5250 5599	3 5381 5687 5662 5531 5265	5341 5470 5323 5430 5523
List (MHz) 0 5 10 15 20 25	0 5310 5291 5432 5344 5647 5511	5650 5307 5646 5515 5259 5598	5304 5452 5654 5250 5599 5482	3 5381 5687 5662 5531	5341 5470 5323 5430
List (MHz) 0 5 10 15 20 25 30	0 5310 5291 5432 5344 5647 5511 5519	5650 5307 5646 5515 5259 5598 5343	5304 5452 5654 5250 5599 5482 5453	3 5381 5687 5662 5531 5265 5436 5497	5341 5470 5323 5430 5523 5591 5253
List (MHz) 0 5 10 15 20 25 30 35	0 5310 5291 5432 5344 5647 5511 5519 5584	5650 5307 5646 5515 5259 5598 5343 5711	5304 5452 5654 5250 5599 5482 5453 5658	3 5381 5687 5662 5531 5265 5436 5497 5438	5341 5470 5323 5430 5523 5591 5253 5680
List (MHz) 0 5 10 15 20 25 30 35 40	0 5310 5291 5432 5344 5647 5511 5519 5584 5553	5650 5307 5646 5515 5259 5598 5343 5711 5255	5304 5452 5654 5250 5599 5482 5453 5658 5336	3 5381 5687 5662 5531 5265 5436 5497 5438 5461	5341 5470 5323 5430 5523 5591 5253 5680 5559
List (MHz) 0 5 10 15 20 25 30 35 40 45	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289	3 5381 5687 5662 5531 5265 5436 5497 5438 5497 5438 5461 5508 5583	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5398 5550	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5550 5540	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5540 5582	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 50 55 60 65 70	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60 65 70 75	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5550 5550 5550 5550 555	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5276 5555	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300 5724	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419 5673 5673	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 50 55 60 65 70 75 80 85	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5339 5455 5644 5300 5724 5533	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5451 5398 5550 5540 5582 5419 5582 5419 5673 5657 5672	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704 5422	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718 5512	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580 5712
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300 5724	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419 5673 5673	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704	3 5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580



		Type 6 Rad	ar Waveform_18		
Frequenc					
List (MHz)	0	1	2	3	4
0	5565	5414	5715	5445	5658
5	5333	5707	5430	5278	5677
10	5363	5532	5695	5382	5344
15	5432	5642	5353	5576	5719
20	5655	5328	5540	5354	5496
25	5302	5450	5685	5625	5313
30	5712	5405	5404	5375	5274
35	5709	5358	5467	5567	5270
40	5668	5479	5596	5293	5630
45	5664	5504	5384	5650	5652
50	5487	5599	5708	5674	5606
55	5608	5369	5475	5366	5381
60	5469	5330	5324	5665	5618
65	5468	5502	5338	5694	5600
70	5722	5259	5390	5601	5501
75	5670	5485	5310	5643	5530
80	5392	5422	5572	5520	5649
85	5474	5653	5607	5611	5385
90	5263	5398	5661	5429	5252
95	5455	5299	5597	5326	5361
		Type 6 Rad	ar Waveform_19		
Frequenc				2	
List (MHz)	0	1	2	3	4
0	5345	5653	5651	5606	5403
0 5	5375	5254	5505	5441	5409
10	5672	5321	5261	5577	5365
15	5520	5294	5456	5524	5436
20	5566	5494	5481	5346	5469
25	5665	5399	5413	5644	5659
30	5700	5693	5270	5452	5654
35	5699	5514	5462	5608	5381
40	5503	5353	5719	5593	5697
45	5610	5250	5722	5460	5260
50	5351	5703	5673	5422	5555
55	5387	5560	5323	5683	5604
60	5531	5326	5301	5631	5391
65	5557	5676	5263	5305	5410
70	5449	5698	5611	5269	5278
75	5266	5474	5328	5527	5684
80	5325	5292	5535	5540	5545
85	5265	5639	5590	5584	5716
<u>90</u>	5440	5296	5640	5532	5450
95	5453	5511	5592	5534	5500



		Type 6 R	adar Waveform	20	
Fraguana	J				
Frequenc List (MHz)	0	1	2	3	4
	5600	5417	5587	5292	5720
0 5	5654	5580	5604	5616	5603
10	5585	5302	5297	5386	5608
15	5324	5462	5569	5628	5574
20	5563	5519	5435	5539	5456
25	5251	5370	5596	5267	5582
30	5702	5570	5331	5422	5556
35	5553	5398	5286	5392	5342
40	5436	5447	5484	5687	5626
45	5493	5333	5305	5513	5656
50	5514	5527	5279	5287	5499
55	5575	5385	5557	5258	5696
60	5271	5457	5691	5689	5593
65	5411	5533	5583	5579	5377
70	5322	5676	5577	5652	5483
75	5315	5430	5433	5318	5522
80	5638	5391	5524	5404	5703
85	5609	5595	5257	5510	5525
90	5573	5463	5329	5419	5624
95	5466	5253	5495	5706	5291
		Type 6 R	adar Waveform_	21	
Frequence	;				
List (MHz)	0	1	2	3	4
	5283	5656	5523	5453	5465
0 5	5556	5676	5655	5292	5445
10	5534	5374	5440	5492	5407
15	5599	5451	5565	5614	5345
20	5582	5254	5460	5427	5512
25	5344	5578	5474	5630	5406
30	5568	5659	5310	5580	5717
35	5695	5644	5669	5439	5306
40	5616	5385	5724	5684	5458
45	5473	5416	5266	5566	5446
50	5390	5703	5330	5376	5543
55	5346	5288	5468	5679	5528
60	5387	5386	5313	5380	5637
65	5415	5251	5629	5718	5425
70	5289	5651	5325	5525	5553
75	5611	5452	5653	5411	5685
80	5428	5303	5327	5454	5521
85	5548	5558	5449	5378	5479
<u>90</u>	5661	5494	5561	5362	5284
95	5550	5312	5664	5501	5263



		Type 6 R	adar Waveform_	22	
Frequenc List (MHz)	0	1	2	3	4
0	5538	5420	5459	5614	5307
5	5598	5601	5255	5455	5652
10	5368	5638	5481	5590	5428
15	5687	5578	5668	5659	5537
20	5493	5323	5401	5516	5485
25	5707	5527	5450	5664	5448
30	5457	5616	5525	5257	5440
35	5359	5260	5465	5689	5695
40	5495	5699	5392	5681	5387
45	5453	5499	5324	5619	5333
50	5266	5404	5381	5269	5290
55	5476	5422	5418	5551	5258
60	5272	5680	5713	5675	5568
65	5567	5723	5446	5425	5374
70	5529	5570	5298	5504	5462
75	5559	5394	5517	5421	5319
80	5606	5390	5618	5544	5343
85	5530	5594	5431	5595	5608
90	5471	5301	5605	5296	5562
95	5383	5366	5666	5641	5672
		Type 6 R	adar Waveform_	23	
Frequenc List (MHz)	0	1	2	3	4
List (MHz)	0				
List (MHz) 0	0 5318	5659	5395	5300	5527
List (MHz) 0 5	0 5318 5640	5659 5623	5395 5330	5300 5521	5527 5384
List (MHz) 0 5 10	0 5318 5640 5299	5659 5623 5524	5395 5330 5522	5300 5521 5310	5527 5384 5449
List (MHz) 0 5 10 15	0 5318 5640	5659 5623	5395 5330	5300 5521 5310 5254	5527 5384 5449 5501
List (MHz) 0 5 10 15 20	0 5318 5640 5299 5705 5489	5659 5623 5524 5296 5439	5395 5330 5522 5607 5508	5300 5521 5310 5254 5458	5527 5384 5449 5501 5498
List (MHz) 0 5 10 15 20 25	0 5318 5640 5299 5705 5489 5379	5659 5623 5524 5296 5439 5653	5395 5330 5522 5607 5508 5682	5300 5521 5310 5254 5458 5698	5527 5384 5449 5501 5498 5490
List (MHz) 0 5 10 15 20 25 30	0 5318 5640 5299 5705 5489 5379 5346	5659 5623 5524 5296 5439 5653 5573	5395 5330 5522 5607 5508 5682 5265	5300 5521 5310 5254 5458	5527 5384 5449 5501 5498 5490 5260
List (MHz) 0 5 10 15 20 25 30 35	0 5318 5640 5299 5705 5489 5379	5659 5623 5524 5296 5439 5653 5573 5351	5395 5330 5522 5607 5508 5682 5265 5261	5300 5521 5310 5254 5458 5698 5506 5367	5527 5384 5449 5501 5498 5490 5260 5706
List (MHz) 0 5 10 15 20 25 30 35 40	0 5318 5640 5299 5705 5489 5379 5346 5401 5334	5659 5623 5524 5296 5439 5653 5573 5351 5307	5395 5330 5522 5607 5508 5682 5265 5261 5632	5300 5521 5310 5254 5458 5698 5506 5367 5678	5527 5384 5449 5501 5498 5490 5260 5706 5694
List (MHz) 0 5 10 15 20 25 30 35 40 45	0 5318 5640 5299 5705 5489 5379 5346 5401 5334 5433	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582	5395 5330 5522 5607 5508 5682 5265 5261	5300 5521 5310 5254 5458 5698 5506 5367	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	0 5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382	5300 5521 5310 5254 5458 5698 5506 5367 5678 5672 5651	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	0 5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612	5659 5623 5524 5296 5439 5653 5573 5351 5307 5382 5582 5580 5664	5395 5330 5522 5607 5508 5682 5265 5265 5261 5632 5382 5382 5432 5376	5300 5521 5310 5254 5458 5698 5506 5367 5678 5678 5672 5651 5511	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60	0 5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5580 5664 5548	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5382 5432 5376 5716	5300 5521 5310 5254 5458 5698 5506 5367 5678 5678 5672 5651 5511 5511 5676	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	0 5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5580 5664 5548 5548 5624	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5432 5382 5432 5376 5716 5285	5300 5521 5310 5254 5458 5698 5506 5367 5678 5672 5651 5511 5676 5587	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 50 55 60 65 70	5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626 5417	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5664 5548 5624 5624 5428	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5382 5382 5432 5376 5716 5285 5505	5300 5521 5310 5254 5458 5698 5506 5367 5678 5678 5672 5651 5511 5676 5587 5529	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370 5293
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60 65 70 75	5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626 5417 5321	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5582 5580 5664 5548 5624 5428 5624 5428 5647	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5382 5432 5376 5716 5285 5505 5373	5300 5521 5310 5254 5458 5698 5506 5367 5678 5678 5672 5651 5511 5676 5587 5529 5714	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370 5293 5551
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626 5417 5321 5340	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5664 5548 5624 5548 5624 5624 5428 5647 5558	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5432 5376 5716 5285 5505 5373 5677	5300 5521 5310 5254 5458 5698 5506 5367 5678 5671 5511 5676 5587 5529 5714 5418	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370 5293 5551 5611
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 50 55 60 65 70 75 80 85	5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626 5417 5321 5340 5509	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5664 5548 5664 5548 5624 5428 5624 5428 5647 5558 5558 5558	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5432 5376 5716 5285 5505 5373 5677 5581	5300 5521 5310 5254 5458 5698 5506 5367 5678 5672 5651 5511 5676 5587 5529 5714 5418 5686	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370 5293 5551 5611 5484
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	5318 5640 5299 5705 5489 5379 5346 5401 5334 5433 5520 5612 5470 5626 5417 5321 5340	5659 5623 5524 5296 5439 5653 5573 5351 5307 5582 5580 5664 5548 5624 5548 5624 5624 5428 5647 5558	5395 5330 5522 5607 5508 5682 5265 5261 5632 5382 5432 5376 5716 5285 5505 5373 5677	5300 5521 5310 5254 5458 5698 5506 5367 5678 5671 5511 5676 5587 5529 5714 5418	5527 5384 5449 5501 5498 5490 5260 5706 5694 5598 5567 5695 5604 5370 5293 5551 5611



Frequenc (MHz) 0 1 2 3 4 0 5573 5423 5331 5461 5369 5 5682 5548 5405 5684 5688 10 5705 5313 5563 5505 5470 15 5388 5260 5399 5652 5446 20 5509 5655 5380 5597 5431 25 5386 5328 5381 5311 5257 30 5629 5332 5530 5383 5658 35 5458 5540 5539 5520 5620 40 5270 5487 5674 5397 5675 45 5623 5413 5665 5343 5250 50 5485 5396 5281 5483 5265 55 5390 5556 5280 5701 508 65 5430 5572 5262 5543 </th <th></th>							
0 5573 5423 5331 5461 5369 5 5682 5548 5405 5684 5688 10 5705 5313 5563 5505 5470 15 5388 5260 5399 5652 5446 20 5509 5655 5380 5597 5431 25 5386 5328 5381 5311 5257 30 5629 5332 5530 5383 5658 35 5458 5540 5539 5520 5620 40 5270 5487 5674 5397 5675 45 5623 5413 5665 5343 5250 50 5485 5396 5281 5483 5265 55 5390 5556 5280 5708 5701 60 5514 5344 5677 5406 5508 65 5430 5572 5262 55							
5 5682 5548 5405 5684 5688 10 5705 5313 5563 5505 5470 15 5388 5260 5399 5652 5446 20 5509 5655 5380 5597 5431 25 5386 5328 5381 5311 5257 30 5629 5332 5530 5383 5658 35 5458 5540 5539 5520 5620 40 5270 5487 5674 5397 5675 45 5623 5413 5665 5343 5250 50 5485 5396 5281 5483 5265 55 5390 5556 5280 5708 5701 60 5514 5344 5677 5406 5508 65 5430 5572 5262 5543 5495 70 5382 5648 5489 5	1						
10570553135563550554701553885260539956525446205509565553805597543125538653285381531152573056295332553053835658355458554055395520562040527054875674539756754556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
1553885260539956525446205509565553805597543125538653285381531152573056295332553053835658355458554055395520562040527054875674539756754556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
205509565553805597543125538653285381531152573056295332553053835658355458554055395520562040527054875674539756754556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
25538653285381531152573056295332553053835658355458554055395520562040527054875674539756754556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
30 56295332553053835658 35 54585540553955205620 40 52705487567453975675 45 56235413566553435250 50 54855396528154835265 50 54855396528154835265 50 54855396528154835265 50 54855396528154835265 50 54855396528154835265 55 53905556528057085701 60 55145344567754065508 65 54305572526255435495 70 53825648548954185547 75 54815488564054415315 80 53545491566155965722 85 54155646564154535651 90 55355615549955665275	1						
355458554055395520562040527054875674539756754556235413566553435250505485539652815483526550548553965280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
40527054875674539756754556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
4556235413566553435250505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
505485539652815483526555539055565280570857016055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
55 5390 5556 5280 5708 5701 60 5514 5344 5677 5406 5508 65 5430 5572 5262 5543 5495 70 5382 5648 5489 5418 5547 75 5481 5488 5640 5441 5315 80 5354 5491 5661 5596 5722 85 5415 5646 5641 5453 5651 90 5535 5615 5499 5566 5275	1						
6055145344567754065508655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
655430557252625543549570538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
70538256485489541855477554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
7554815488564054415315805354549156615596572285541556465641545356519055355615549955665275	1						
805354549156615596572285541556465641545356519055355615549955665275	1						
85541556465641545356519055355615549955665275	1						
90 5535 5615 5499 5566 5275	1						
	1						
	1						
Type 6 Radar Waveform_25							
Frequenc 1 2 4							
List 0 1 2 3 4 (MHz)							
0 5353 5662 5267 5525 5589	1						
5 5346 5570 5480 5372 5420	1						
10 5539 5577 5604 5700 5491	1						
15 5379 5387 5405 5697 5638	1						
20 5724 5321 5404 5652 5655	Ι						
25 5584 5512 5291 5671 5696							
30 5487 5598 5432 5278 5679							
35 5630 5425 5295 5534 5612	1						
40 5540 5294 5552 5393 5273	4						
45 5401 5681 5275 5272 5360	4						
50 5354 5688 5403 5468 5416	4						
55 5333 5315 5331 5571 5665	4						
60 5340 5256 5615 5463 5522	4						
65 5579 5327 5451 5658 5501	+						
70 5531 5299 5447 5609 5561 75 5361 5335 5646 5206 5377	+						
75 5361 5335 5646 5296 5377 80 5411 5328 5412 5526 5488	+						
80 5411 5528 5412 5520 5488 85 5548 5519 5489 5388 5546	4						
90 5600 5632 5701 5449 5345	1						
95 5698 5675 5407 5358 5562	+						



Type 6 Radar Waveform_26							
Frequenc							
List (MHz)	0	1	2	3	4		
0	5511	5426	5678	5686	5431		
5	5388	5495	5555	5535	5627		
10	5470	5366	5645	5420	5512		
15	5467	5514	5508	5452	5428		
20	5415	5359	5377	5540	5507		
25	5312	5616	5325	5713	5585		
30	5444	5338	5584	5573	5343		
35	5721	5696	5448	5545	5423		
40	5653	5550	5305	5291	5384		
45	5276	5356	5459	5259	5623		
50	5536	5443	5414	5347	5656		
55	5606	5530	5286	5460	5261		
60	5610	5647	5654	5561	5664		
65	5471	5615	5537	5544	5632		
70	5255	5487	5534	5336	5406		
75	5578	5681	5504	5316	5309		
80	5633	5478	5391	5409	5315		
85	5330	5265	5484	5636	5517		
90	5369	5552	5417	5466	5350		
95	5329	5629	5580	5303	5702		
		Type 6 Rad	ar Waveform_27				
Frequenc List (MHz)	0	1	2	3	4		
0	5291	5287	5614	5372	5651		
5	5430	5517	5630	5601	5456		
10	5304	5686	5518	5533	5555		
15	5641	5611	5690	5644	5436		
20	5484	5300	5670	5350	5331		
25	5418	5720	5359	5377	5571		
30	5401	5553	5358	5296	5385		
35	5337	5589	5459	5262	5261		
40	5488	5545	5288	5313	5256		
45	5439	5420	5312	5427	5402		
50	5712	5636	5532	5669	5369		
55	5570	5321	5349	5257	5426		
60	5576	5480	5507	5487	5554		
65	5339	5435	5424	5473	5634		
70	5472	5365	5450	5326	5550		
75	5297	5675	5419	5414 5315	5642		
80 85	5551 5627	5309 5360	5441 5352	5494	5269 5715		
<u>85</u> 90	5534	5558	5299	5347	5483		
95	5405	5410	5624	5559	5406		
95	5405	J410	3024	2222	5400		



		Type 6 R	adar Waveform_	.28	
Frequenc	>				
List (MHz)	0	1	2	3	4
0	5546	5526	5550	5533	5493
5	5472	5442	5705	5289	5663
10	5710	5516	5252	5713	5554
15	5643	5293	5714	5260	5361
20	5347	5650	5716	5284	5323
25	5694	5308	5621	5349	5393
30	5419	5460	5358	5671	5510
35	5591	5524	5428	5385	5376
40	5373	5673	5441	5329	5310
45	5285	5620	5711	5522	5478
50	5365	5692	5278	5413	5687
55	5718	5535	5613	5557	5511
60	5606	5500	5408	5306	5453
65	5688	5369	5590	5579	5706
70	5496	5556	5637	5321	5288
75	5324	5693	5375	5452	5529
80	5670	5331	5614	5258	5586
85	5552	5317	5545	5560	5699
90	5661	5508	5656	5359	5597
95	5394	5538	5509	5623	5639
		Type 6 R	adar Waveform_	_29	
Frequenc	0	1	2	3	4
List (MHz)	U	1	2	3	4
	5326	5290	5486	5694	5713
0 5	5611	5464	5305	5452	5395
10	5641	5390	5433	5575	5634
15	5323	5342	5553	5355	5719
20	5657	5276	5296	5582	5257
25	5349	5550	5427	5461	5446
30	5315	5411	5284	5314	5663
35	5519	5656	5529	5384	5512
40	5524	5267	5453	5282	5549
45	5691	5605	5536	5418	5579
50	5629	5589	5263	5332	5358
55	5460	5270	5478	5701	5365
60	5577	5275	5281	5542	5715
65	5704	5496	5511	5318	5626
70	5501	5516	5665	5262	5548
75	5264	5283	5291	5469	5356
80 85	5451 5525	5495 5650	5677 5269	5303 5660	5596 5499
<u>85</u> 90	5333	5258	5389	5667	5441
90	5468	5614	5515	5378	5420
75	5400	15014	12212	0100	5420



Product	AX3000 Whole Home Mesh Wi-Fi 6 Unit with PoE	Temperature	27°C
Test Engineer	Peter	Relative Humidity	65%
Test Site	SR5	Test Date	2022/10/6
Test Item	Radar Statistical Performance Check (80	02.11ax-HE160 mode – 52	250MHz) _Mesh

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	5250	1	1	1	0
1	5252	1	1	1	1
2	5254	1	1	1	1
3	5256	1	1	1	1
4	5258	1	1	1	1
5	5260	1	1	0	1
6	5262	1	1	1	1
7	5264	1	1	1	1
8	5266	1	1	1	1
9	5268	1	1	0	1
10	5270	1	0	1	1
11	5274	1	1	1	1
12	5278	1	1	0	1
13	5282	1	1	0	1
14	5286	1	1	1	1
15	5290	1	1	1	1
16	5294	1	1	1	1
17	5298	1	1	0	0
18	5302	1	1	1	1
19	5306	1	1	1	1
20	5310	1	1	1	1
21	5312	1	1	1	0
22	5314	1	1	1	1
23	5316	1	1	1	1
24	5318	1	1	1	1
25	5320	1	1	1	1
26	5322	1	1	1	1
27	5324	1	1	1	1



Trial	Frequency		1=Detection,	0=No Detection	
	(MHz)	Radar Type 1	Radar Type 2	Radar Type 3	Radar Type 4
28	5326	1	0	1	1
29	5328	1	1	1	1
Prob	ability:	100%	93.33%	83.33%	90%
Тур	e1-4		91.665	% (>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	858.0	62	53196.0
Downloa	1	Type 1	1.0	518.0	102	52836.0
Downloa	2	Type 1	1.0	698.0	76	53048.0
Downloa	3	Type 1	1.0	818.0	65	53170.0
Downloa	4	Type 1	1.0	778.0	68	52904.0
Downloa	5	Type 1	1.0	938.0	57	53466.0
Downloa	6	Type 1	1.0	578.0	92	53176.0
Downloa	7	Type 1	1.0	738.0	72	53136.0
Downloa	8	Type 1	1.0	658.0	81	53298.0
Downloa	9	Type 1	1.0	718.0	74	53132.0
Downloa	10	Type 1	1.0	838.0	63	52794.0
Downloa	11	Type 1	1.0	558.0	95	53010.0
Downloa	12	Type 1	1.0	3066.0	18	55188.0
Downloa	13	Type 1	1.0	638.0	83	52954.0
Downloa	14	Type 1	1.0	678.0	78	52884.0
Downloa	15	Type 1	1.0	1242.0	43	53406.0
Downloa	16	Type 1	1.0	2094.0	26	54444.0
Downloa	17	Type 1	1.0	2088.0	26	54288.0
Downloa	18	Type 1	1.0	1175.0	45	52875.0
Downloa	19	Type 1	1.0	895.0	59	52805.0
Downloa	20	Type 1	1.0	1662.0	32	53184.0
Downloa	21	Type 1	1.0	1111.0	48	53328.0
Downloa	22	Type 1	1.0	2348.0	23	54004.0
Downloa	23	Type 1	1.0	729.0	73	53217.0
Downloa	24	Type 1	1.0	2350.0	23	54050.0
Downloa	25	Type 1	1.0	3007.0	18	54126.0
Downloa	26	Type 1	1.0	1872.0	29	54288.0
Downloa	27	Type 1	1.0	587.0	90	52830.0
Downloa	28	Type 1	1.0	1638.0	33	54054.0
Downloa	29	Type 1	1.0	1010.0	53	53530.0



Radar Type 2 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 2	2.2	193.0	25	4825.0
Downloa	1	Type 2	4.1	163.0	28	4564.0
Downloa	2	Type 2	3.4	171.0	27	4617.0
Downloa	3	Type 2	3.9	196.0	27	5292.0
Downloa	4	Type 2	2.8	151.0	26	3926.0
Downloa	5	Type 2	2.5	215.0	25	5375.0
Downloa	6	Type 2	3.4	213.0	27	5751.0
Downloa	7	Type 2	3.9	158.0	27	4266.0
Downloa	8	Type 2	4.1	224.0	28	6272.0
Downloa	9	Type 2	2.1	156.0	24	3744.0
Downloa	10	Type 2	1.6	191.0	24	4584.0
Downloa	11	Type 2	2.5	211.0	25	5275.0
Downloa	12	Type 2	3.5	218.0	27	5886.0
Downloa	13	Type 2	3.9	170.0	27	4590.0
Downloa	14	Type 2	5.0	166.0	29	4814.0
Downloa	15	Type 2	4.9	175.0	29	5075.0
Downloa	16	Type 2	1.4	217.0	23	4991.0
Downloa	17	Type 2	1.8	225.0	24	5400.0
Downloa	18	Type 2	1.0	199.0	23	4577.0
Downloa	19	Type 2	2.0	207.0	24	4968.0
Downloa	20	Type 2	1.3	160.0	23	3680.0
Downloa	21	Type 2	1.4	210.0	23	4830.0
Downloa	22	Type 2	1.1	226.0	23	5198.0
Downloa	23	Type 2	4.8	176.0	29	5104.0
Downloa	24	Type 2	2.5	229.0	25	5725.0
Downloa	25	Type 2	2.7	216.0	26	5616.0
Downloa	26	Type 2	3.0	180.0	26	4680.0
Downloa	27	Type 2	4.3	182.0	28	5096.0
Downloa	28	Type 2	4.0	194.0	28	5432.0
Downloa	29	Type 2	4.8	197.0	29	5713.0



Radar Type 3 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 3	7.2	336.0	16	5376.0
Downloa	1	Type 3	9.1	477.0	18	8586.0
Downloa	2	Type 3	8.4	326.0	17	5542.0
Downloa	3	Type 3	8.9	469.0	18	8442.0
Downloa	4	Type 3	7.8	405.0	17	6885.0
Downloa	5	Type 3	7.5	419.0	17	7123.0
Downloa	6	Type 3	8.4	242.0	17	4114.0
Downloa	7	Type 3	8.9	388.0	18	6984.0
Downloa	8	Type 3	9.1	287.0	18	5166.0
Downloa	9	Type 3	7.1	342.0	16	5472.0
Downloa	10	Type 3	6.6	389.0	16	6224.0
Downloa	11	Type 3	7.5	356.0	17	6052.0
Downloa	12	Type 3	8.5	211.0	17	3587.0
Downloa	13	Type 3	8.9	474.0	18	8532.0
Downloa	14	Type 3	10.0	305.0	18	5490.0
Downloa	15	Type 3	9.9	357.0	18	6426.0
Downloa	16	Type 3	6.4	379.0	16	6064.0
Downloa	17	Type 3	6.8	396.0	16	6336.0
Downloa	18	Type 3	6.0	457.0	16	7312.0
Downloa	19	Type 3	7.0	209.0	16	3344.0
Downloa	20	Type 3	6.3	288.0	16	4608.0
Downloa		Type 3	6.4	441.0	16	7056.0
Downloa	22	Type 3	6.1	381.0	16	6096.0
Downloa	23	Type 3	9.8	394.0	18	7092.0
Downloa	24	Type 3	7.5	263.0	17	4471.0
Downloa	25	Type 3	7.7	454.0	17	7718.0
Downloa	26	Type 3	8.0	289.0	17	4913.0
Downloa	27	Type 3	9.3	439.0	18	7902.0
Downloa	28	Type 3	9.0	373.0	18	6714.0
Downloa	29	Type 3	9.8	416.0	18	7488.0



Radar Type 4 - Radar Waveform

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Wavefor Length (us)
Downloa	0	Type 4	13.8	336.0	13	4368.0
Downloa	1	Type 4	17.9	477.0	15	7155.0
Downloa	2	Type 4	16.5	326.0	15	4890.0
Downloa	3	Type 4	17.4	469.0	15	7035.0
Downloa	4	Type 4	15.0	405.0	14	5670.0
Downloa	5	Type 4	14.4	419.0	13	5447.0
Downloa	6	Type 4	16.4	242.0	14	3388.0
Downloa	7	Type 4	17.4	388.0	15	5820.0
Downloa	8	Type 4	18.0	287.0	15	4305.0
Downloa	9	Type 4	13.4	342.0	13	4446.0
Downloa	10	Type 4	12.5	389.0	12	4668.0
Downloa	11	Type 4	14.4	356.0	13	4628.0
Downloa	12	Type 4	16.6	211.0	15	3165.0
Downloa	13	Type 4	17.4	474.0	15	7110.0
Downloa	14	Type 4	19.8	305.0	16	4880.0
Downloa	15	Type 4	19.6	357.0	16	5712.0
Downloa	16	Type 4	12.0	379.0	12	4548.0
Downloa	17	Type 4	12.7	396.0	12	4752.0
Downloa	18	Type 4	11.0	457.0	12	5484.0
Downloa	19	Type 4	13.4	209.0	13	2717.0
Downloa	20	Type 4	11.6	288.0	12	3456.0
Downloa	21	Type 4	11.9	441.0	12	5292.0
Downloa	22	Type 4	11.2	381.0	12	4572.0
Downloa	23	Type 4	19.4	394.0	16	6304.0
Downloa	24	Type 4	14.4	263.0	13	3419.0
Downloa	25	Type 4	14.9	454.0	14	6356.0
Downloa	26	Type 4	15.5	289.0	14	4046.0
Downloa	27	Type 4	18.5	439.0	16	7024.0
Downloa		Type 4	17.7	373.0	15	5595.0
Downloa	29	Type 4	19.5	416.0	16	6656.0



Radar Type 5 - Radar Statistical Performance

Trail #	Test Freq.	1=Detection	Trail #	Test Freq.	1=Detection
	(MHz)	0=No Detection		(MHz)	0=No Detection
0	5250	1	15	5290	1
1	5252	1	16	5294	1
2	5254	1	17	5298	1
3	5256	1	18	5302	1
4	5258	1	19	5306	1
5	5260	0	20	5310	1
6	5262	1	21	5312	0
7	5264	1	22	5314	1
8	5266	1	23	5316	1
9	5268	1	24	5318	1
10	5270	1	25	5320	1
11	5274	0	26	5322	1
12	5278	0	27	5324	1
13	5282	1	28	5326	1
14	5286	1	29	5328	1
	Det	ection Percentage	(%)		86.66%



			Type 5 Rad	dar Waveform	n_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	556240.0	65.7	10	1	1052.0	-	-
1	795926.0	88.2	10	3	1607.0	1354.0	1331.0
2	41781.0	80.3	10	2	1031.0	1527.0	-
3	282957.0	85.5	10	3	1858.0	1602.0	1683.0
4	525412.0	72.2	10	2	1036.0	1885.0	-
5	766907.0	69.1	10	2	1644.0	1703.0	-
6	11977.0	79.8	10	2	1800.0	1299.0	-
7	253293.0	85.6	10	3	1505.0	1847.0	1568.0
8	494243.0	88.6	10	3	1941.0	1825.0	1934.0
9	738303.0	63.7	10	1	1765.0	-	-
10	980225.0	58.4	10	1	1949.0	-	-
11	223930.0	69.1	10	2	1834.0	1463.0	-
			Type 5 Rad	dar Waveform	n_1		
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	328441.0	81.3	17	2	1690.0	1199.0	-
1	497902.0	85.5	17	3	1689.0	1235.0	1426.0
2 3 4 5 6	667551.0	98.9	17	3	1365.0	1574.0	1930.0
3	136459.0	97.7	17	3	1987.0	1606.0	1771.0
4	308194.0	56.0	17	1	1163.0	-	-
5	478551.0	59.7	17	1	1986.0	-	-
	650090.0	50.4	17	1	1095.0	-	-
7	116147.0	63.3	17	1	1629.0	-	-
8	287164.0	53.8	17	1	1107.0	-	-
<u>8</u> 9	457516.0	55.1	17	1	1997.0	-	-
10	628987.0	51.6	17	1	1149.0	-	-
11	94759.0	96.4	17	3	1141.0	1561.0	1512.0
12	265623.0	69.0	17	2	1109.0	1286.0	-
13	436090.0	71.8	17	2	1202.0	1436.0	-
10					1	_	
14	606508.0	74.8	17	2	1752.0	1050.0	-
			17 17	2 3	1752.0 1120.0	1050.0	- 1660.0



			Type 5 Ra	dar Waveforn	n_2		
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	469369.0	97.0	14	3	1912.0	1166.0	1701.0
1	664873.0	62.8	14	1	1612.0	-	-
2	60007.0	79.9	14	2	1773.0	1323.0	-
3	253362.0	81.9	14	2	1026.0	1815.0	-
4	445395.0	100.0	14	3	1695.0	1736.0	1735.0
5	640014.0	75.6	14	2	1658.0	1208.0	-
6	36171.0	84.9	14	3	1189.0	1449.0	1078.0
7	229622.0	78.3	14	2	1021.0	1560.0	-
8	422822.0	71.0	14	2	1575.0	1382.0	-
9	615140.0	87.2	14	3	1580.0	1477.0	1182.0
10	12354.0	90.3	14	3	1824.0	1880.0	1867.0
11	205852.0	66.8	14	2	1015.0	1364.0	-
12	399556.0	58.4	14	1	1868.0	-	-
13	592478.0	83.1	14	2	1595.0	1147.0	-
14	785433.0	69.0	14	2	1438.0	1716.0	-
			Type 5 Ra	dar Waveforn	n 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				Durat			
0	160709.0	63.2	16	1	1661.0	-	-
0 1	160709.0 330181.0	63.2 84.9	16 16	1 3	1661.0 1385.0	- 1631.0	- 1457.0
1				1		- 1631.0 1748.0	- 1457.0 1819.0
1	330181.0	84.9	16	1 3	1385.0		
1 2 3 4	330181.0 500146.0 670167.0 139029.0	84.9 88.7 98.2 88.9	16 16	1 3 3	1385.0 1115.0	1748.0	1819.0
1 2 3 4 5	330181.0 500146.0 670167.0 139029.0	84.9 88.7 98.2 88.9	16 16 16	1 3 3 3	1385.0 1115.0 1628.0 1228.0	1748.0 1553.0 1816.0	1819.0 1546.0
1 2 3 4 5	330181.0 500146.0 670167.0	84.9 88.7 98.2 88.9	16 16 16 16	1 3 3 3	1385.0 1115.0 1628.0	1748.0 1553.0	1819.0 1546.0
1 2 3 4 5	330181.0 500146.0 670167.0 139029.0 309825.0	84.9 88.7 98.2 88.9 68.4	16 16 16 16 16	1 3 3 3 3 2	1385.0 1115.0 1628.0 1228.0 1295.0	1748.0 1553.0 1816.0 1823.0	1819.0 1546.0 1856.0 -
1 2 3 4 5 6 7 8	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0	84.9 88.7 98.2 88.9 68.4 100.0	16 16 16 16 16 16 16 16	1 3 3 3 3 2 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0	1748.0 1553.0 1816.0 1823.0 1192.0	1819.0 1546.0 1856.0 - 1248.0
1 2 3 4 5 6 7 8 9	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6	16 16 16 16 16 16 16 16 16	1 3 3 3 3 2 3 3 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	1819.0 1546.0 1856.0 - 1248.0 1588.0
1 2 3 4 5 6 7 8 9 10	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1	16 16 16 16 16 16 16 16 16 16 16 16	1 3 3 3 3 2 3 3 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0	1819.0 1546.0 1856.0 - 1248.0 1588.0
1 2 3 4 5 6 7 8 9 10 11	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2	16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	1 3 3 3 3 2 3 3 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - -	1819.0 1546.0 1856.0 - 1248.0 1588.0 1401.0 - -
1 2 3 4 5 6 7 8 9 10 11 12	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6 86.6	16 16	1 3 3 3 2 3 3 3 3 1 1 1 1 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - 1316.0	1819.0 1546.0 1856.0 - 1248.0 1588.0
1 2 3 4 5 6 7 8 9 10 11 12 13	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0 97201.0 267094.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6	16 16	1 3 3 3 2 3 3 3 3 1 1 1 1	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0 1753.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - -	1819.0 1546.0 1856.0 - 1248.0 1588.0 1401.0 - -
$ \begin{array}{r} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \\ 13 \\ 14 \\ \end{array} $	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0 97201.0 267094.0 439336.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6 86.6 83.9 66.4	16 16	1 3 3 3 2 3 3 3 3 1 1 1 1 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0 1753.0 1422.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - 1316.0	1819.0 1546.0 1856.0 - 1248.0 1588.0 1401.0 - - - 1314.0
1 2 3 4 5 6 7 8 9 10 11 12 13	330181.0 500146.0 670167.0 139029.0 309825.0 479458.0 649411.0 118190.0 289618.0 460047.0 631053.0 97201.0 267094.0	84.9 88.7 98.2 88.9 68.4 100.0 91.6 95.1 54.2 61.6 60.6 86.6 83.9	16 16	1 3 3 3 2 3 3 3 3 1 1 1 1 3	1385.0 1115.0 1628.0 1228.0 1295.0 1862.0 1710.0 1388.0 1201.0 1933.0 1625.0 1869.0 1753.0	1748.0 1553.0 1816.0 1823.0 1192.0 1223.0 1501.0 - - - 1316.0	1819.0 1546.0 1856.0 - 1248.0 1588.0 1401.0 - - - 1314.0



			Type 5 Rad	dar Waveform	n_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	322796.0	88.5	12	3	1205.0	1651.0	1207.0
0 1	546183.0	98.6	12	3	1008.0	1024.0	1194.0
2	767976.0	91.7	12	3	1504.0	1929.0	1347.0
3 4 5 6 7	72659.0	50.9	12	1	1439.0	-	-
4	295732.0	78.5	12	2	1468.0	1381.0	-
5	518576.0	87.3	12	3	1162.0	1250.0	1040.0
6	741231.0	81.3	12	2	1958.0	1969.0	-
7	45103.0	59.9	12	1	1888.0	-	-
8 9	268778.0	64.0	12	1	1003.0	-	-
	491119.0	69.4	12	2	1939.0	1483.0	-
10	712952.0	85.0	12	3	1916.0	1374.0	1693.0
11	17579.0	72.6	12	2	1089.0	1041.0	-
12	241214.0	60.1	12	1	1074.0	-	-
			Type 5 Rad	dar Waveform	n_5		
Burst ID	Burst Offset (us)	Pulse Width (us)	Type 5 Rad Chirp Width (MHz)	Number of Pulses per	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
ID	Offset	Width	Chirp Width	Number of Pulses	PRI-1		
ID 0 1	Offset (us)	Width (us)	Chirp Width (MHz)	Number of Pulses per	PRI-1 (us)	(us)	(us)
ID 0 1 2	Offset (us) 502344.0	Width (us) 96.6	Chirp Width (MHz)	Number of Pulses per Burst 3	PRI-1 (us) 1100.0	(us) 1383.0	(us) 1101.0
ID 0 1 2	Offset (us) 502344.0 742939.0	Width (us) 96.6 95.5	Chirp Width (MHz)	Number of Pulses per Burst 3 3	PRI-1 (us) 1100.0 1890.0	(us) 1383.0 1746.0	(us) 1101.0
ID 0 1 2	Offset (us) 502344.0 742939.0 985880.0	Width (us) 96.6 95.5 72.0	Chirp Width (MHz)	Number of Pulses per Burst 3 3 2	PRI-1 (us) 1100.0 1890.0 1378.0	(us) 1383.0 1746.0 1992.0	(us) 1101.0
ID 0 1 2 3 4 5	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0 713183.0	Width (us) 96.6 95.5 72.0 82.7 83.2 84.2	Chirp Width (MHz) 11 11 11 11 11 11 11 11	Number of Pulses per Burst 3 3 2 2 2	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0 1763.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0 1641.0	(us) 1101.0
ID 0 1 2 3 4 5 6	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0	Width (us) 96.6 95.5 72.0 82.7 83.2	Chirp Width (MHz) 11 11 11 11 11 11	Number of Pulses per Burst 3 3 2 2 2 2 2	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0	(us) 1101.0 1377.0 - - -
ID 0 1 2 3 4 5 6	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0 713183.0	Width (us) 96.6 95.5 72.0 82.7 83.2 84.2	Chirp Width (MHz) 11 11 11 11 11 11 11 11	Number of Pulses per Burst 3 3 2 2 2 2 2	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0 1763.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0 1641.0	(us) 1101.0 1377.0 - - -
ID 0 1 2 3 4 5 6 7 8	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0 713183.0 956619.0	Width (us) 96.6 95.5 72.0 82.7 83.2 84.2 83.2	Chirp Width (MHz) 11 11 11 11 11 11 11 11 11	Number of Pulses per Burst 3 3 2 2 2 2 2 2 3 2 2 2 2 3 2 2	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0 1763.0 1493.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0 1641.0 1342.0	(us) 1101.0 1377.0 - - -
ID 0 1 2 3 4 5 6 7 8 9	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0 713183.0 956619.0 201327.0	Width (us) 96.6 95.5 72.0 82.7 83.2 84.2 83.2 76.6	Chirp Width (MHz) 11 11 11 11 11 11 11 11 11 11 11 11 11	Number of Pulses per Burst 3 3 2 2 2 2 2 2 3 2 2 2 2 3 2 2	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0 1763.0 1493.0 1237.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0 1641.0 1342.0	(us) 1101.0 1377.0 - - -
ID 0 1 2 3 4 5 6 7 8	Offset (us) 502344.0 742939.0 985880.0 230838.0 473012.0 713183.0 956619.0 201327.0 443528.0	Width (us) 96.6 95.5 72.0 82.7 83.2 84.2 83.2 76.6 52.3	Chirp Width (MHz) 11 11 11 11 11 11 11 11 11 11 11 11 11	Number of Pulses per Burst 3 2 2 2 3 2 2 2 2 2 2 2 1	PRI-1 (us) 1100.0 1890.0 1378.0 1942.0 1128.0 1763.0 1493.0 1237.0 1967.0	(us) 1383.0 1746.0 1992.0 1971.0 1538.0 1641.0 1342.0 1455.0 -	(us) 1101.0 1377.0 - - -



			Type 5 Ra	dar Wavefori	m_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	329738.0	84.9	14	3	1559.0	1618.0	1368.0
1	523637.0	77.6	14	2	2000.0	1061.0	-
2	715476.0	88.4	14	3	1795.0	1405.0	1465.0
3	113435.0	64.9	14	1	1845.0	-	-
4	305647.0	98.3	14	3	1884.0	1999.0	1514.0
5	499340.0	94.4	14	3	1039.0	1780.0	1020.0
6	694208.0	54.6	14	1	1799.0	-	-
7	89259.0	86.8	14	3	1564.0	1691.0	1550.0
8	282516.0	96.0	14	3	1116.0	1181.0	1389.0
9	475846.0	78.3	14	2	1756.0	1597.0	-
10	670361.0	59.8	14	1	1801.0	-	-
11	65558.0	91.5	14	3	1727.0	1178.0	1234.0
12	259025.0	68.1	14	2	1102.0	1665.0	-
13	451120.0	84.7	14	3	1423.0	1609.0	1955.0
14	644519.0	97.7	14	3	1848.0	1230.0	1188.0
			Type 5 Ra	dar Wavefori	m 7		
				Number			
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	36958.0	57.3	16	1	1903.0	-	-
1	206830.0	88.3	16	3	1922.0	1341.0	1573.0
2	377587.0	74.9	16	2	1970.0	1507.0	-
3	547755.0	99.1	16	3	1167.0	1338.0	1212.0
4	15936.0	65.0	16	1	1502.0	-	-
5	186396.0		16	2	1655.0	1262.0	-
6	355770.0	84.9	16	3	1633.0	1674.0	1810.0
7	528317.0	57.6	16	1	1666.0	-	-
8	699656.0	66.1	16	1	1118.0	-	-
9							10.00.0
	165086.0	88.7	16	3	1244.0	1917.0	1068.0
10	336732.0	53.9	16	3	1148.0	-	-
10 11	336732.0 507378.0	53.9 50.7	16 16	1 1	1148.0 1529.0	-	
10 11 12	336732.0 507378.0 676765.0	53.9 50.7 82.2	16 16 16	1 1 2	1148.0 1529.0 1610.0	- - 1415.0	
10 11 12 13	336732.0 507378.0 676765.0 144472.0	53.9 50.7 82.2 67.2	16 16 16 16	1 1 2 2	1148.0 1529.0 1610.0 1204.0	- - 1415.0 1334.0	- - - -
10 11 12 13 14	336732.0 507378.0 676765.0 144472.0 314781.0	53.9 50.7 82.2 67.2 67.7	16 16 16 16 16	1 1 2 2 2 2	1148.0 1529.0 1610.0 1204.0 1503.0	- 1415.0 1334.0 1649.0	- - - -
10 11 12 13	336732.0 507378.0 676765.0 144472.0	53.9 50.7 82.2 67.2	16 16 16 16	1 1 2 2	1148.0 1529.0 1610.0 1204.0	- - 1415.0 1334.0	1068.0 - - - - - 1567.0



			Type 5 Ra	dar Waveform	1_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	116316.0	94.7	17	3	1093.0	1275.0	1656.0
1	277747.0	79.7	17	2	1132.0	1171.0	-
2	437173.0	93.7	17	3	1792.0	1281.0	1809.0
3	600572.0	59.6	17	1	1675.0	-	-
3 4 5 6 7	96408.0	92.9	17	3	1785.0	1931.0	1073.0
5	257092.0	95.0	17	3	1340.0	1231.0	1812.0
6	419553.0	65.7	17	1	1472.0	-	-
7	579387.0	75.0	17	2	1925.0	1261.0	-
8	76867.0	80.3	17	2	1168.0	1615.0	-
9	237285.0	85.8	17	3	1730.0	1462.0	1253.0
10	399684.0	64.1	17	1	1467.0	-	-
11	560306.0	68.2	17	2	1032.0	1276.0	-
12	56892.0	85.6	17	3	1151.0	1895.0	1397.0
13	217789.0	80.5	17	2	1692.0	1876.0	-
14	379857.0	64.6	17	1	1387.0	-	-
15	538314.0	98.5	17	3	1728.0	1866.0	1351.0
16	37123.0	86.6	17	3	1105.0	1601.0	1480.0
17	198270.0	75.8	17	2	1328.0	1267.0	-
			Type 5 Ra	dar Waveforn	n_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	587983.0	88.4	9	3	1399.0	1297.0	1566.0
1	852498.0	77.5	9	2	1443.0	1583.0	-
2	28478.0	69.6	9	2	1028.0	1335.0	-
3	292109.0	82.0	9	2	1998.0	1762.0	-
4 5 6	556786.0	52.2	9	1	1786.0	-	-
5	818870.0	100.0	9	3	1002.0	1627.0	1894.0
6	108343	70.0	9	2	1836.0	1598.0	-
7	259741.0	72.2	9	2	1791.0	1509.0	-
<u>8</u> 9	523336.0	76.3	9	2	1932.0	1751.0	-
	786672.0	94.4	9	3	1432.0	1379.0	1357.0
10	105015	93.7	9	3	1654.0	1247.0	1355.0



			Type 5 Rad	lar 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	249978.0	72.4	7	2	1706.0	1906.0	-
1	540241.0	69.5	7	2	1983.0	1404.0	-
2	830669.0	78.3	7	2	1833.0	1249.0	-
3	111995	92.2	7	3	1359.0	1062.0	1732.0
4	214224.0	79.9	7	2	1864.0	1820.0	-
5 6	503982.0	96.8	7	3	1227.0	1841.0	1531.0
6	794260.0	88.4	7	3	1027.0	1634.0	1403.0
7	108341	91.1	7	3	1892.0	1620.0	1545.0
8	178450.0	88.1	7	3	1317.0	1226.0	1376.0
9	469646.0	64.5	7	1	1088.0	-	-
			Type 5 Rad	lar Waveform	_11		
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	631843.0	93.3	11	3	1106.0	1292.0	1411.0
1	875567.0	59.1	11	1	1394.0	-	-
2 3	118897.0	74.1	11	2	1873.0	1685.0	-
3	360433.0	84.7	11	3	1055.0	1056.0	1814.0
4	602764.0	83.1	11	2	1001.0	1680.0	-
5	843778.0	70.8	11	2	1826.0	1879.0	-
6	89017.0	89.5	11	3	1349.0	1478.0	1973.0
7	331021.0	80.6	11	2	1699.0	1185.0	-
8	573751.0	58.1	11	1	1320.0	-	-
9	812497.0	89.4	11	3	1985.0	1976.0	1600.0
10	59487.0	52.3	11	1	1440.0	-	-
11	300479.0	95.7	11	3	1754.0	1662.0	1964.0



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	406232.0	91.5	14	3	1004.0	1781.0	1337.0		
1	587502.0	79.3	14	2	1977.0	1673.0	-		
2	22216.0	58.6	14	1	1951.0	-	-		
3	203714.0	60.3	14	1	1682.0	-	-		
4	385281.0	62.7	14	1	1535.0	-	-		
5	565109.0	77.4	14	2	1796.0	1981.0	-		
6	745139.0	93.7	14	3	1935.0	1676.0	1119.0		
7	180677.0	89.7	14	3	1702.0	1081.0	1711.0		
8	362473.0	70.6	14	2	1152.0	1307.0	-		
9	543591.0	68.7	14	2	1298.0	1414.0	-		
10	724984.0	71.4	14	2	1155.0	1400.0	-		
11	158829.0	81.3	14	2	1137.0	1366.0	-		
12	340706.0	57.9	14	1	1217.0	-	-		
13	522368.0	66.3	14	1	1133.0	-	-		
14	701153.0	85.8	14	3	1287.0	1547.0	1318.0		
15	136284.0	76.1	14	2	1899.0	1775.0	-		

Type 5 Radar 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	299363.0	55.6	16	1	1729.0	-	-
1	468289.0	83.8	16	3	1541.0	1488.0	1475.0
2	639981.0	76.2	16	2	1243.0	1520.0	-
2 3	107519.0	57.3	16	1	1913.0	-	-
4	277465.0	98.6	16	3	1511.0	1022.0	1375.0
5 6 7	449522.0	61.2	16	1	1077.0	-	-
6	617777.0	95.2	16	3	1556.0	1309.0	1259.0
7	86299.0	68.4	16	2	1668.0	1789.0	-
<u>8</u> 9	256302.0	95.5	16	3	1393.0	1678.0	1362.0
9	426652.0	97.4	16	3	1072.0	1076.0	1914.0
10	597206.0	69.2	16	2	1900.0	1761.0	-
11	65295.0	79.2	16	2	1708.0	1961.0	-
12	235769.0	80.5	16	2	1911.0	1265.0	-
13	405615.0	91.7	16	3	1172.0	1517.0	1494.0
14	577277.0	68.2	16	2	1333.0	1049.0	-
15	44444.0	55.0	16	1	1645.0	-	-
16	214262.0	91.4	16	3	1797.0	1391.0	1669.0



			Type 5 Rad	ar 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	326952.0	76.7	20	2	1688.0	1872.0	-
1	471958.0	78.0	20	2	1165.0	1952.0	-
2	19796.0	99.1	20	3	1183.0	1870.0	1312.0
3	164367.0	83.5	20	3	1586.0	1258.0	1121.0
4	309365.0	69.6	20	2	1741.0	1373.0	-
5	453214.0	84.1	20	3	1064.0	1776.0	1476.0
6	2011.0	61.0	20	1	1605.0	-	-
7	146598.0	97.4	20	3	1647.0	1037.0	1127.0
8	290857.0	98.5	20	3	1697.0	1433.0	1369.0
9	435646.0	94.0	20	3	1196.0	1473.0	1336.0
10	580704.0	74.5	20	2	1686.0	1794.0	-
11	128652.0	87.7	20	3	1859.0	1324.0	1257.0
12	273064.0	92.8	20	3	1709.0	1035.0	1760.0
13	418857.0	76.8	20	2	1304.0	1252.0	-
14	562926.0	66.8	20	2	1898.0	1537.0	-
15	110807.0	85.0	20	3	1284.0	1857.0	1585.0
16	256706.0	63.3	20	1	1164.0	-	-
17	400306.0	75.0	20	2	1886.0	1717.0	-
18	546056.0	74.3	20	2	1350.0	1043.0	-
19	93480.0	63.1	20	1	1803.0	-	-



			Type 5 Rac	dar 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	237640.0	95.0	20	3	1282.0	1180.0	1652.0
1	381961.0	97.2	20	3	1420.0	1005.0	2000.0
2	528059.0	80.3	20	2	1427.0	1129.0	-
2 3 4	75409.0	84.1	20	3	1117.0	1030.0	1242.0
	219990.0	90.3	20	3	1086.0	1402.0	1213.0
5	365699.0	64.8	20	1	1923.0	-	-
6	510717.0	65.3	20	1	1963.0	-	-
7	57801.0	58.2	20	1	1156.0	-	-
8	202755.0	64.5	20	1	1994.0	-	-
9	348106.0	59.1	20	1	1451.0	-	-
10	492264.0	78.9	20	2	1616.0	1059.0	-
11	39897.0	50.5	20	1	1370.0	-	-
12	184941.0	66.4	20	1	1829.0	-	-
13	328398.0	90.0	20	3	1852.0	1839.0	1071.0
14	474041.0	81.2	20	2	1757.0	1395.0	-
15	21910.0	88.3	20	3	1264.0	1643.0	1266.0
16	166140.0	86.8	20	3	1843.0	1428.0	1891.0
17	310184.0	92.6	20	3	1921.0	1881.0	1787.0
18	455159.0	86.1	20	3	1471.0	1851.0	1206.0
19	4112.0	99.7	20	3	1085.0	1519.0	1209.0
			Type 5 Rac	dar 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	332205.0	65.2	6	1	1469.0	-	-
1	655294.0	60.0	6	1	1327.0	-	-

1

2

2

2

1

2

1

1863.0

1246.0

1047.0

1122.0

1589.0

1811.0

1966.0

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1950.0

1010.0

1657.0

1548.0

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2

3

4

5 6

7

8

977954.0 50.1

129957... 67.3

292288.0 70.6

614831.0 80.7

252534.0 52.3

52.7

70.6

938370.0

125968...

6

6

6

6

6

6

6



			Type 5 Rac	lar Waveform	_17		
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	516587.0	94.2	8	3	1915.0	1452.0	1416.0
1	807672.0	67.1	8	2	1329.0	1664.0	-
2 3 4	109835	66.7	8	2	1058.0	1533.0	-
3	191074.0	93.9	8	3	1190.0	1184.0	1962.0
4	481041.0	91.9	8	3	1075.0	1319.0	1989.0
5 6	770650.0	96.4	8	3	1945.0	1430.0	1576.0
6	106204	79.6	8	2	1518.0	1681.0	-
7	155311.0	97.8	8	3	1636.0	1288.0	1745.0
8 9	446517.0	64.9	8	1	1177.0	-	-
9	735339.0	93.3	8	3	1051.0	1594.0	1671.0
			Type 5 Rad	lar Waveform	_18		
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	128504	54.7	5	1	1454.0	-	-
1	149735.0	68.7	5	2	1621.0	1882.0	-
2	513375.0	52.7	5	1	1482.0	-	-
2 3 4	875795.0	82.8	5	2	1490.0	1733.0	-
4	123736	89.3	5	3	1731.0	1551.0	1684.0
5 6	105167.0	65.0	5	1	1521.0	-	-
6	468186.0	74.0	5	2	1424.0	1406.0	-
7	830813.0	71.3	5	2	1910.0	1793.0	-
			Type 5 Rac	lar 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	868903.0	52.8	9	1	1755.0	-	-
1	43817.0	95.6	9	3	1632.0	1053.0	1187.0
2	307495.0	78.5	9	2	1957.0	1784.0	-
3	571165.0	98.3	9	3	1143.0	1045.0	1557.0
4	835332.0	70.8	9	2	1988.0	1113.0	-
5	11323.0	88.9	9	3	1960.0	1783.0	1980.0
6	275259.0	74.6	9	2	1224.0	1558.0	-
7	538076.0	98.0	9	3	1936.0	1305.0	1737.0
8	802117.0	85.0	9	3	1498.0	1306.0	1268.0
9	106565 242947.0	97.1	9	3	1768.0	1300.0	1060.0
10	242947.0	62.9	אן א	1	1907.0	-	-



			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	697838.0	63.4	6	1	1280.0	-	-
1	106146	59.5	6	1	1082.0	-	-
2	142466	62.1	6	1	1437.0	-	-
3	288964.0	94.8	6	3	1070.0	1563.0	1822.0
2 3 4 5 6	652992.0	55.8	6	1	1447.0	-	-
5	101527	70.4	6	2	1968.0	1193.0	-
6	137809	92.0	6	3	1111.0	1138.0	1140.0
7	244841.0	62.2	6	1	1057.0	-	-
			Type 5 Rad	ar Waveform	21		
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	540726.0	56.6	6	1	1083.0	-	-
0 1	862320.0	74.6	6	2	1871.0	1555.0	-
2	118355	93.6	6	3	1142.0	1920.0	1830.0
2 3 4 5 6 7	177711.0	51.5	6	1	1849.0	-	-
4	500068.0	90.6	6	3	1225.0	1013.0	1126.0
5	822886.0	71.8	6	2	1392.0	1554.0	-
6	114376	99.4	6	3	1778.0	1719.0	1523.0
	137779.0	81.3	6	2	1524.0	1817.0	-
8	460398.0	81.0	6	2	1707.0	1479.0	-
			Type 5 Rad	ar Waveform	_22		
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	882397.0	62.4	5	1	1000.0	-	-
1	124449	77.2	5	2	1738.0	1017.0	-
2	110468.0	60.8	5	1	1513.0	-	-
0 1 2 3 4 5 6	473904.0	52.2	5	1	1496.0	-	-
4	835905.0	96.7	5	3	1640.0	1386.0	1034.0
5	120106	59.4	5	1	1131.0	-	-
6	65559.0	100.0	5	3	1806.0	1296.0	1650.0
7	428739.0	75.0	5	2	1577.0	1308.0	-



			Type 5 Rac	lar Waveforn	า_23		
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	315801.0	73.9	19	2	1646.0	1274.0	-
0 1	460017.0	96.0	19	3	1639.0	1014.0	1038.0
2	8328.0	96.4	19	3	1604.0	1011.0	1321.0
2 3 4 5 6 7 8 9	152980.0	77.8	19	2	1617.0	1978.0	-
4	298158.0	69.2	19	2	1145.0	1384.0	-
5	441728.0	93.9	19	3	1042.0	1330.0	1959.0
6	589412.0	61.4	19	1	1063.0	-	-
7	135390.0	82.6	19	2	1103.0	1487.0	-
8	279581.0	84.8	19	3	1094.0	1818.0	1170.0
	426088.0	51.5	19	1	1302.0	-	-
10	567867.0	83.7	19	3	1485.0	1453.0	1953.0
11	117126.0	92.6	19	3	1854.0	1448.0	1408.0
12	262164.0	74.0	19	2	1642.0	1562.0	-
13	405869.0	97.0	19	3	1528.0	1425.0	1772.0
14	553398.0	62.4	19	1	1310.0	-	-
15	99283.0	97.4	19	3	1995.0	1278.0	1790.0
16	245056.0	52.7	19	1	1444.0	-	-
17	389173.0	67.3	19	2	1522.0	1534.0	-
18	532364.0	96.7	19	3	1747.0	1624.0	1459.0
19	82028.0	59.2	19	1	1277.0	-	-
			Type 5 Rac	lar Waveforn	า_24		
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	377323.0	94.1	11	3	1902.0	1938.0	1993.0
1	619644.0	88.0	11	3	1584.0	1222.0	1092.0
1 2 3 4 5 6 7 8 9	862245.0	76.4	11	2	1216.0	1508.0	-
3	106729.0	71.4	11	2	1821.0	1928.0	-
4	349020.0	57.6	11	1	1837.0	-	-
5	589632.0	93.7	11	3	1861.0	1054.0	1410.0
6	831112.0	85.6	11	3	1254.0	1924.0	1150.0
7	77124.0	57.8	11	1	1712.0	-	-
8	318076.0	86.2	11	3	1838.0	1526.0	1990.0
	561361.0	60.7	11	1	1704.0	-	-
10	802498.0	66.8	11	2	1827.0	1096.0	-
11	47315.0	50.1	11	1	1429.0	-	-

			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	267210.0	62.2	11	1	1390.0	-	-
1	490092.0	69.8	11	2	1593.0	1029.0	-
2	712416.0	82.0	11	2	1807.0	1996.0	-
3	16100.0	74.4	11	2	1944.0	1544.0	-
4	238606.0	95.6	11	3	1927.0	1850.0	1724.0
5	461724.0	84.5	11	3	1214.0	1198.0	1940.0
6	684791.0	87.5	11	3	1210.0	1175.0	1635.0
7	908685.0	80.7	11	2	1572.0	1442.0	-
8	211614.0	82.2	11	2	1798.0	1877.0	-
9	435258.0	69.0	11	2	1191.0	1087.0	-
10	659399.0	55.7	11	1	1134.0	-	-
11	881648.0	70.3	11	2	1255.0	1290.0	-
12	184604.0	65.7	11	1	1396.0	-	-
			Type 5 Rad	ar Waveform	_26		
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	377603.0	88.7	12	3	1715.0	1489.0	1220.0
1	586488.0	57.0	12	1	1398.0	-	-
2	794214.0	65.5	12	1	1203.0	-	-
2 3	145884.0	64.7	12	1	1097.0	-	-
4	353509.0	63.4	12	1	1080.0	-	-
5	558727.0	99.6	12	3	1434.0	1614.0	1700.0
6	767219.0	79.3	12	2	1500.0	1289.0	-
7	120207.0	62.7	12	1	1831.0	-	-
8	326722.0	90.7	12	3	1694.0	1270.0	1283.0
9	534378.0	81.0	12	2	1626.0	1339.0	-
10	739973.0	86.0	12	3	1322.0	1670.0	1782.0
11	94480.0	69.6	12	2	1435.0	1984.0	-
12	301708.0	75.0	12	2	1446.0	1481.0	-
13	508961.0	70.2	12	2	1346.0	1450.0	-



			Type 5 Rad	ar Waveform	_27		
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	556338.0	75.5	18	2	1495.0	1492.0	-
1	53780.0	58.3	18	1	1019.0	-	-
2	215183.0	53.6	18	1	1136.0	-	-
3	374743.0	96.4	18	3	1525.0	1552.0	1332.0
4	535923.0	74.1	18	2	1742.0	1972.0	-
5	33707.0	84.7	18	3	1251.0	1619.0	1832.0
6	194525.0	83.5	18	3	1125.0	1195.0	1458.0
7	356185.0	80.4	18	2	1098.0	1023.0	-
8	518050.0	54.1	18	1	1232.0	-	-
9	13999.0	64.9	18	1	1464.0	-	-
10	174686.0	88.0	18	3	1506.0	1108.0	1301.0
11	336723.0	51.8	18	1	1348.0	-	-
12	496905.0	68.3	18	2	1218.0	1705.0	-
13	658406.0	79.9	18	2	1160.0	1236.0	-
14	155436.0	66.0	18	1	1565.0	-	-
15	316074.0	77.0	18	2	1372.0	1599.0	-
16	477063.0	75.1	18	2	1908.0	1033.0	-
17	637656.0	82.2	18	2	1441.0	1897.0	-
		•	1.0	2	1441.0	1077.0	
				ar Waveform		1077.0	
Burst ID	Burst Offset (us)	Pulse Width (us)		Number of Pulses per		PRI-2 (us)	PRI-3 (us)
ID	Offset	Width	Type 5 Rad Chirp Width	Number of Pulses	_28	PRI-2	
	Offset (us)	Width (us)	Type 5 Rad Chirp Width (MHz)	Number of Pulses per	_28 PRI-1 (us)	PRI-2 (us)	
ID 0 1 2	Offset (us) 143520.0 314273.0	Width (us) 56.0	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per	28 PRI-1 	PRI-2 (us)	
ID 0 1 2	Offset (us) 143520.0	Width (us) 56.0 55.7	Type 5 Rad Chirp Width (MHz) 16 16	Number of Pulses per	_28 PRI-1 (us) 1759.0 1802.0	PRI-2 (us)	
ID 0 1 2 3 4	Offset (us) 143520.0 314273.0 483786.0	Width (us) 56.0 55.7 68.9	Type 5 Rad Chirp Width (MHz) 16 16 16	Number of Pulses per Burst 1 1 2	_28 PRI-1 (us) 1759.0 1802.0 1948.0	PRI-2 (us) - 1667.0	(us) - - -
ID 0 1 2 3 4	Offset (us) 143520.0 314273.0 483786.0 652538.0	Width (us) 56.0 55.7 68.9 86.7	Type 5 RadChirp Width (MHz)161616161616	Number of Pulses per Burst 1 1 2 3	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0	PRI-2 (us) - - 1667.0 1855.0	(us) - - -
ID 0 1 2 3 4	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0	Width (us) 56.0 55.7 68.9 86.7 70.0	Type 5 Rad Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 1 2 3 2	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0	PRI-2 (us) - - 1667.0 1855.0 1842.0	(us) - - - 1853.0 -
ID 0 1 2 3 4 5 6 7	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2	Type 5 Rad Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 1 2 3 2 3 3	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0	PRI-2 (us) - 1667.0 1855.0 1842.0 1294.0	(us) - - - 1853.0 -
ID 0 1 2 3 4 5 6 7 8	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8	Type 5 Rad Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 1 2 3 2 3 3	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0 1901.0	PRI-2 (us) - 1667.0 1855.0 1842.0 1294.0	(us) - - - 1853.0 -
ID 0 1 2 3 4 5 6 7	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2	Type 5 Rad Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 1	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0 1901.0 1603.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 -	(us) - - - 1853.0 - 1256.0 - - -
ID 0 1 2 3 4 5 6 7 8 9 10	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 1 3 2	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0 1901.0 1603.0 1764.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0	(us) - - - 1853.0 - 1256.0 - - 1345.0
ID 0 1 2 3 4 5 6 7 8 9	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0 270965.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5 87.4	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per Burst 1 2 3 2 3 2 1 3 2 3 2 3 2 3 2 3 2 3	28 PRI-1 (us) 1759.0 1759.0 1948.0 1948.0 1948.0 1965.0 1466.0 1901.0 1603.0 1764.0 1161.0 1623.0 1380.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0 1874.0 1186.0 1470.0	(us) - - - 1853.0 - 1256.0 - - 1345.0
ID 0 1 2 3 4 5 6 7 8 9 10 11 12	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0 270965.0 442333.0 611630.0 80130.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5 87.4 71.5	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 1 3 2	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0 1901.0 1603.0 1764.0 1161.0 1623.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0 1874.0 1186.0	(us) - - - 1853.0 - 1256.0 - 1256.0 - 1345.0 1975.0 -
ID 0 1 2 3 4 5 6 7 8 9 10 11 12 13	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0 270965.0 442333.0 611630.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5 87.4 71.5 88.9	Type 5 Rad Chirp Width (MHz) 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 1 3 2	28 PRI-1 (us) 1759.0 1759.0 1948.0 1948.0 1948.0 1965.0 1466.0 1901.0 1603.0 1764.0 1161.0 1623.0 1380.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0 1874.0 1186.0 1470.0	(us) - - - 1853.0 - 1256.0 - 1256.0 - 1345.0 1975.0 - 1360.0
ID 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0 270965.0 442333.0 611630.0 80130.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5 87.4 71.5 88.9 96.1	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 1 3 2	_28 PRI-1 (us) 1759.0 1759.0 1948.0 1592.0 1965.0 1466.0 1901.0 1603.0 1764.0 1161.0 1623.0 1380.0 1174.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0 1874.0 1186.0 1470.0	(us) - - - 1853.0 - 1256.0 - 1256.0 - 1345.0 1975.0 - 1360.0
ID 0 1 2 3 4 5 6 7 8 9 10 11 12 13	Offset (us) 143520.0 314273.0 483786.0 652538.0 122128.0 292317.0 463245.0 634942.0 101004.0 270965.0 442333.0 611630.0 80130.0 251356.0	Width (us) 56.0 55.7 68.9 86.7 70.0 93.1 72.8 61.2 87.5 87.4 71.5 88.9 96.1 54.8	Type 5 Rad Chirp Width (MHz) 16	Number of Pulses per Burst 1 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 1 3 2	_28 PRI-1 (us) 1759.0 1802.0 1948.0 1592.0 1965.0 1466.0 1901.0 1603.0 1764.0 1161.0 1623.0 1380.0 1174.0 1285.0	PRI-2 (us) - - 1667.0 1855.0 1842.0 1294.0 1048.0 - 1740.0 1874.0 1186.0 1470.0 1532.0 -	(us) - - - 1853.0 - 1256.0 - 1256.0 - 1345.0 1975.0 - 1360.0



	Type 5 Radar Waveform_29								
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	194964.0	72.4	20	2	1919.0	1608.0	-		
1	339938.0	78.6	20	2	1260.0	1723.0	-		
$ \begin{array}{r} 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \end{array} $	484184.0	72.6	20	2	1982.0	1677.0	-		
3	32471.0	81.7	20	2	1909.0	1805.0	-		
4	176902.0	85.6	20	3	1046.0	1510.0	1788.0		
5	322214.0	82.2	20	2	1484.0	1291.0	-		
6	467917.0	58.3	20	1	1679.0	-	-		
7	14703.0	52.8	20	1	1865.0	-	-		
8 9	159759.0	50.5	20	1	1904.0	-	-		
9	304437.0	76.8	20	2	1069.0	1579.0	-		
10	450207.0	61.6	20	1	1461.0	-	-		
11	594090.0	81.2	20	2	1159.0	1590.0	-		
12	141232.0	99.5	20	3	1018.0	1918.0	1749.0		
13	285676.0	96.8	20	3	1361.0	1582.0	1613.0		
14	432135.0	63.7	20	1	1725.0	-	-		
15	577699.0	55.9	20	1	1245.0	-	-		
16	124147.0	53.7	20	1	1313.0	-	-		
17	269324.0	63.5	20	1	1363.0	-	-		
18	413259.0	69.2	20	2	1954.0	1219.0	-		
19	559936.0	51.2	20	1	1112.0	-	-		



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 Pe	rcentage (%)	100	0%



	Type 6 Radar Waveform_0							
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	ar Waveform_1					
Frequenc								
List (MHz)	0	1	2	3	4			
0	5418	5529	5378	5374	5417			
0 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			
45	5272	5351	5505	5508	5293			
50	5536	5535	5422	5509	5643			
55	5314	5562	5709	5282	5369			
60	5699	5588	5298	5424	5342			
65	5713	5633	5705	5471	5578			
70	5520	5541	5371	5308	5332			
75	5408	5285	5512	5586	5539			
80	5557	5425	5710	5720	5526			
85	5427	5616	5392	5286	5400			
90	5428	5513	5675	5676	5653			
95	5495	5304	5724	5315	5698			



	Type 6 Radar Waveform_2							
Frequenc List (MHz)	0	1	2	3	4			
0	5673	5293	5314	5535	5637			
0 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 Rad	ar Waveform_3	•	•			
Frequenc	:							
List (MHz)	0	1	2	3	4			
	5453	5532	5250	5599	5479			
0 5	5265	5581	5352	5596	5412			
10	5458	5556	5361	5598	5504			
15	5450	5524	5289	5495	5448			
20	5417	5465	5648	5426	5286			
25	5663	5306	5492	5590	5493			
30	5462	5580	5296	5578	5615			
35	5531	5525	5322	5316	5537			
40	5367	5592	5350	5612	5649			
45	5347	5279	5378	5503	5257			
50	5385	5362	5317	5327	5520			
55	5443	5622	5585	5256	5644			
60	5343	5701	5393	5597	5660			
65	5340	5586	5423	5702	5445			
70	5326	5496	5560	5559	5337			
75	5552	5613	5260	5391	5501			
80	5345	5338	5522	5553	5374			
85	5404	5301	5407	5540	5510			
90	5309	5705	5406	5368	5444			
95	5294	5313	5275	5519	5654			



Type 6 Radar Waveform_4										
Frequenc List (MHz)	0	1	2	3	4					
0	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 F	adar Waveform	5						
	iype o kadar waveform_5									
	1									
Frequenc List (MHz)	0	1	2	3	4					
List (MHz)	0		2		4 5444					
List (MHz) 0	0 5391	5535	5597	5446	5444					
List (MHz) 0 5	0 5391 5349	5535 5625	5597 5502	5446 5447	5444 5448					
List (MHz) 0 5 10	0 5391 5349 5698	5535 5625 5609	5597 5502 5540	5446 5447 5513	5444 5448 5546					
List (MHz) 0 5 10 15	0 5391 5349 5698 5529	5535 5625 5609 5610	5597 5502 5540 5633	5446 5447 5513 5282	5444 5448 5546 5404					
List (MHz) 0 5 10 15 20	0 5391 5349 5698 5529 5464	5535 5625 5609 5610 5652	5597 5502 5540 5633 5254	5446 5447 5513 5282 5372	5444 5448 5546 5404 5440					
List (MHz) 0 5 10 15 20 25	0 5391 5349 5698 5529 5464 5712	5535 5625 5609 5610 5652 5322	5597 5502 5540 5633 5254 5658	5446 5447 5513 5282 5372 5674	5444 5448 5546 5404 5440 5337					
List (MHz) 0 5 10 15 20 25 30	0 5391 5349 5698 5529 5464 5712 5494	5535 5625 5609 5610 5652 5322 5583	5597 5502 5540 5633 5254 5658 5697	5446 5447 5513 5282 5372 5674 5476	5444 5448 5546 5404 5440 5337 5381					
List (MHz) 0 5 10 15 20 25 30 35	0 5391 5349 5698 5529 5464 5712 5494 5598	5535 5625 5609 5610 5652 5322 5583 5356	5597 5502 5540 5633 5254 5658 5697 5722	5446 5447 5513 5282 5372 5674 5476 5469	5444 5448 5546 5404 5440 5337 5381 5703					
List (MHz) 0 5 10 15 20 25 30 35 40	0 5391 5349 5698 5529 5464 5712 5494 5598 5621	5535 5625 5609 5610 5652 5322 5583 5356 5441	5597 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					
List (MHz) 0 5 10 15 20 25 30 35 40 45	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387	5597 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					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707	5446 5447 5513 5282 5372 5674 5476 5469 5395 5438 5638	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5638 5638 5462	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682					
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635	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					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5495 5720	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548	5446 5447 5513 5282 5372 5674 5469 5395 5438 5638 5462 5382	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596 5495 5720 5677	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5497	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5638 5462 5382 5479 5274	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521					
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 55 60 65 70 75	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5596 5495 5720 5677 5675	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5449 5482	5446 5447 5513 5282 5372 5674 5476 5476 5469 5395 5438 5438 5638 5462 5382 5462 5382 5479 5274 5369	5444 5448 5546 5404 5440 5337 5381 5703 5484 5593 5430 5682 5651 5278 5521 5483					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5720 5677 5675 5723	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 548 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					
List (MHz) 0 5 10 15 20 25 30 35 40 45 55 60 65 70 75 80 85	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385 5385 5386	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5351 5596 5495 5720 5677 5675 5723 5536	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 5499 5482 5492 5594	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					
List (MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5391 5349 5698 5529 5464 5712 5494 5598 5621 5655 5324 5514 5320 5504 5414 5269 5385	5535 5625 5609 5610 5652 5322 5583 5356 5441 5387 5351 5387 5351 5596 5495 5720 5677 5675 5723	5597 5502 5540 5633 5254 5658 5697 5722 5373 5262 5707 5708 5635 5548 548 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					



	Type 6 Radar Waveform_6								
Frequenc List (MHz)	0	1	2	3	4				
0 5 10	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 Ra	dar Waveform_7						
Frequenc									
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				
65	5393	5610	5424	5338	5488				
70	5486	5268	5651	5555	5518				
75	5689	5463	5483	5298	5323				
80	5519	5697	5282	5428	5626				
85	5278	5621	5694	5541	5632				
90	5559	5525	5289	5585	5271				
95	5255	5526	5376	5427	5721				



	Type 6 Radar Waveform_8							
Frequence List (MHz)	0	1	2	3	4			
0 5	5584	5302	5405	5454	5348			
	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			
T	1	Туре 6 Р	Radar Waveform_	_9				
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		2200	5554	5007				
40	5397	5657	5373	5510	5526			
40 45	5397 5370							
45 50		5657	5373	5510	5526			
45	5370	5657 5432	5373 5433	5510 5599	5526 5484			
45 50	5370 5269	5657 5432 5491	5373 5433 5668	5510 5599 5442	5526 5484 5583			
45 50 55	5370 5269 5650	5657 5432 5491 5601	5373 5433 5668 5642	5510 5599 5442 5420	5526 5484 5583 5292			
45 50 55 60 65 70	5370 5269 5650 5692	5657 5432 5491 5601 5458	5373 5433 5668 5642 5306	5510 5599 5442 5420 5585	5526 5484 5583 5292 5362			
45 50 55 60 65	5370 5269 5650 5692 5558	5657 5432 5491 5601 5458 5368	5373 5433 5668 5642 5306 5291	5510 5599 5442 5420 5585 5466	5526 5484 5583 5292 5362 5500			
45 50 55 60 65 70	5370 5269 5650 5692 5558 5569	5657 5432 5491 5601 5458 5368 5252	5373 5433 5668 5642 5306 5291 5715	5510 5599 5442 5420 5585 5466 5279	5526 5484 5583 5292 5362 5500 5253			
45 50 55 60 65 70 75	5370 5269 5650 5692 5558 5569 5560	5657 5432 5491 5601 5458 5368 5252 5250	5373 5433 5668 5642 5306 5291 5715 5359	5510 5599 5442 5420 5585 5466 5279 5357	5526 5484 5583 5292 5362 5500 5253 5652			
45 50 55 60 65 70 75 80	5370 5269 5650 5692 5558 5569 5560 5542	5657 5432 5491 5601 5458 5368 5252 5250 5705	5373 5433 5668 5642 5306 5291 5715 5359 5543	5510 5599 5442 5420 5585 5466 5279 5357 5556	5526 5484 5583 5292 5362 5500 5253 5652 5453			



Type 6 Radar Waveform_10							
Frequenc 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 Rad	ar Waveform_11				
Frequenc							
List (MHz)	0	1	2	3	4		
0	5399	5544	5688	5365	5630		
5	5320	5466	5477	5281	5459		
10	5565	5390	5311	5636	5672		
15	5485	5325	5679	5455	5703		
20	5318	5407	5284	5497	5685		
25	5427	5720	5408	5568	5387		
30	5645	5340	5711	5351	5475		
35	5530	5546	5490	5518	5400		
40	5647	5445	5724	5418	5520		
45	5606	5392	5536	5549	5705		
50	5496	5368	5295	5717	5607		
55	5441	5405	5550	5634	5716		
60	5572	5501	5307	5411	5286		
65	5657	5508	5662	5553	5493		
70	5309	5382	5329	5512	5643		
75	5675	5597	5366	5504	5259		
80	5666	5593	5306	5483	5648		
85	5355	5335	5315	5540	5342		
90	5360	5551	5435	5668	5269		
	5646	5706	5394		5395		
95	5646	5706	5394	5610	5395		



Type 6 Radar Waveform_12							
Frequenc							
List (MHz)	0	1	2	3	4		
	5557	5405	5624	5526	5472		
0 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 Rada	ar Waveform_13				
Frequenc				2			
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	5578	5631		
25	5581	5521	5717	5455	5254		
30	5690	5625	5684	5401	5548		
35	5252	5672	5585	5446	5703		
40	5325	5611	5503	5423	5514		
45	5367	5255	5702	5568	5313		
50	5626	5720	5397	5420	5253		
55	5707	5306	5361	5705	5421		
60	5479	5402	5491	5462	5262		
65	5531	5400	5416	5659	5632		
70	5550	5349	5634	5637	5378		
75 80	5485 5555	5502	5464	5516 5314	5362		
85	5706	5466 5642	5288 5270	5713	5630 5571		
90	5563	5629	5556	5359	5686		
90	5599	5658	5677	5633	5256		
95	2222	0000	10011	2022	5250		



	Type 6 Radar Waveform_14								
-									
Frequenc List (MHz)	ο	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				
		Type 6 Rad	ar Waveform_15						
Frequenc List (MHz)	0	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				



Type 6 Radar Waveform_16							
Frequenc List (MHz)	0	1	2	3	4		
0	5627	5411	5368	5695	5596		
5	5285	5377	5524	5641	5501		
10	5382	5613	5564	5302	5353		
15	5388	5622	5486	5713	5639		
20	5568	5561	5273	5550	5623		
25	5649	5376	5332	5557	5477		
30	5454	5496	5282	5479	5386		
35	5572	5567	5545	5527	5542		
40	5414	5482	5317	5571	5602		
45	5532	5670	5476	5645	5398		
50	5352	5632	5298	5309	5575		
55	5442	5395	5698	5703	5256		
60	5295	5314	5511	5394	5708		
65	5581	5335	5506	5643	5327		
70	5306	5421	5336	5591	5427		
75	5341	5326	5625	5412	5409		
80	5472	5547	5448	5554	5517		
85	5633	5519	5669	5549	5369		
90	5515	5628	5619	5682	5560		
95	5577	5275	5673	5325	5709		
		Type 6 R	adar Waveform_	17			
Frequenc							
List (MHz)	0	1	2	3	4		
(MHz)	0						
(MHz) 0	0 5310	5650	5304	5381	5341		
(MHz) 0 5	0 5310 5291	5650 5307	5304 5452	5381 5687	5341 5470		
(MHz) 0 5 10	0 5310	5650 5307 5646	5304 5452 5654	5381 5687 5662	5341		
(MHz) 0 5 10 15	0 5310 5291 5432 5344	5650 5307 5646 5515	5304 5452 5654 5250	5381 5687 5662 5531	5341 5470 5323 5430		
(MHz) 0 5 10 15 20	0 5310 5291 5432 5344 5647	5650 5307 5646 5515 5259	5304 5452 5654 5250 5599	5381 5687 5662 5531 5265	5341 5470 5323 5430 5523		
(MHz) 0 5 10 15 20 25	0 5310 5291 5432 5344 5647 5511	5650 5307 5646 5515 5259 5598	5304 5452 5654 5250 5599 5482	5381 5687 5662 5531 5265 5436	5341 5470 5323 5430 5523 5591		
(MHz) 0 5 10 15 20 25 30	0 5310 5291 5432 5344 5647 5511 5519	5650 5307 5646 5515 5259 5598 5343	5304 5452 5654 5250 5599 5482 5453	5381 5687 5662 5531 5265 5436 5497	5341 5470 5323 5430 5523 5591 5253		
(MHz) 0 5 10 15 20 25 30 35	0 5310 5291 5432 5344 5647 5511 5519 5584	5650 5307 5646 5515 5259 5598 5343 5711	5304 5452 5654 5250 5599 5482 5453 5658	5381 5687 5662 5531 5265 5436 5497 5438	5341 5470 5323 5430 5523 5591 5253 5680		
(MHz) 0 5 10 15 20 25 30 35 40	0 5310 5291 5432 5344 5647 5511 5519 5584 5553	5650 5307 5646 5515 5259 5598 5343 5711 5255	5304 5452 5654 5250 5599 5482 5453 5658 5336	5381 5687 5662 5531 5265 5436 5497 5438 5461	5341 5470 5323 5430 5523 5591 5253 5680 5559		
(MHz) 0 5 10 15 20 25 30 35 40 45	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474		
(MHz) 0 5 10 15 20 25 30 35 40 45 50	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5398 5550	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5550 5540	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5583 5443 5281	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5582	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419 5673	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300 5724	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419 5673 5657	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5339 5455 5644 5300 5724 5533	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5451 5398 5550 5540 5582 5419 5582 5419 5673 5657 5672	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704 5422	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718 5512	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580 5712		
(MHz) 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	0 5310 5291 5432 5344 5647 5511 5519 5584 5553 5703 5601 5418 5339 5455 5644 5300 5724	5650 5307 5646 5515 5259 5598 5343 5711 5255 5451 5398 5550 5540 5550 5540 5582 5419 5673 5657	5304 5452 5654 5250 5599 5482 5453 5658 5336 5617 5289 5266 5407 5634 5594 5270 5704	5381 5687 5662 5531 5265 5436 5497 5438 5461 5508 5583 5443 5281 5576 5276 5555 5718	5341 5470 5323 5430 5523 5591 5253 5680 5559 5474 5652 5676 5464 5699 5271 5390 5580		



	Type 6 Radar Waveform_18							
Frequence	2							
List (MHz)	0	1	2	3	4			
0	5565	5414	5715	5445	5658			
5	5333	5707	5430	5278	5677			
10	5363	5532	5695	5382	5344			
15	5432	5642	5353	5576	5719			
20	5655	5328	5540	5354	5496			
25	5302	5450	5685	5625	5313			
30	5712	5405	5404	5375	5274			
35	5709	5358	5467	5567	5270			
40	5668	5479	5596	5293	5630			
45	5664	5504	5384	5650	5652			
50	5487	5599	5708	5674	5606			
55	5608	5369	5475	5366	5381			
60	5469	5330	5324	5665	5618			
65	5468	5502	5338	5694	5600			
70	5722	5259	5390	5601	5501			
75	5670	5485	5310	5643	5530			
80	5392	5422	5572	5520	5649			
85	5474	5653	5607	5611	5385			
90	5263	5398	5661	5429	5252			
95	5455	5299	5597	5326	5361			
		Type 6 Rada	ar Waveform_19					
Frequenc List (MHz)	0	1	2	3	4			
0	5345	5653	5651	5606	5403			
5	5375	5254	5505	5441	5409			
10	5672	5321	5261	5577	5365			
15	5520	5294	5456	5524	5436			
20	5566	5494	5481	5346	5469			
25	5665	5399	5413	5644	5659			
30	5700	5693	5270	5452	5654			
35	5699	5514	5462	5608	5381			
40	5503	5353	5719	5593	5697			
45	5610	5250	5722	5460	5260			
50	5351	5703	5673	5422	5555			
55	5387	5560	5323	5683	5604			
60	5531	5326	5301	5631	5391			
65	5557	5676	5263	5305	5410			
70	5449	5698	5611	5269	5278			
75	5266	5474	5328	5527	5684			
80 85	5325 5265	5292 5639	5535 5590	5540 5584	5545 5716			
<u>85</u> 90	5205	5296	5640	5532	5450			
95	5453	5511	5592	5534	5500			
75	5455	11001	5592	5554	5500			



Type 6 Radar Waveform_20						
Frequenc List (MHz)	0	1	2	3	4	
0 5 10	5600	5417	5587	5292	5720	
5	5654	5580	5604	5616	5603	
10	5585	5302	5297	5386	5608	
15	5324	5462	5569	5628	5574	
20	5563	5519	5435	5539	5456	
25	5251	5370	5596	5267	5582	
30	5702	5570	5331	5422	5556	
35	5553	5398	5286	5392	5342	
40	5436	5447	5484	5687	5626	
45	5493	5333	5305	5513	5656	
50	5514	5527	5279	5287	5499	
55	5575	5385	5557	5258	5696	
60	5271	5457	5691	5689	5593	
65	5411	5533	5583	5579	5377	
70	5322	5676	5577	5652	5483	
75	5315	5430	5433	5318	5522	
80	5638	5391	5524	5404	5703	
85	5609	5595	5257	5510	5525	
90	5573	5463	5329	5419	5624	
95	5466	5253	5495	5706	5291	
		Type 6 R	adar Waveform_	21		
Frequence List	0	1	2	3	4	
(MHz)	5283	5656	5523	5453	5465	
0 5	5556	5676	5655	5292	5445	
10	5534	5374	5440	5492	5407	
15	5599	5451	5565	5614	5345	
20	5582	5254	5460	5427	5512	
25	5344	5578	5474	5630	5406	
30	5568	5659	5310	5580	5717	
35	5695	5644	5669	5439	5306	
40	5616	5385	5724	5684	5458	
45	5473	5416	5266	5566	5446	
50	5390	5703	5330	5376	5543	
55	5346	5288	5468	5679	5528	
60	5387	5386	5313	5380	5637	
65	5415	5251	5629	5718	5425	
70	5289	5651	5325	5525	5553	
75	5611	5452	5653	5411	5685	
80	5428	5303	5327	5454	5521	
85	5548	5558	5449	5378	5479	
90	5661	5494	5561	5362	5284	
95	5550	5312	5664	5501	5263	



Type 6 Radar Waveform_22					
Frequenc List (MHz)	0	1	2	3	4
0	5538	5420	5459	5614	5307
5	5598	5601	5255	5455	5652
10	5368	5638	5481	5590	5428
15	5687	5578	5668	5659	5537
20	5493	5323	5401	5516	5485
25	5707	5527	5450	5664	5448
30	5457	5616	5525	5257	5440
35	5359	5260	5465	5689	5695
40	5495	5699	5392	5681	5387
45	5453	5499	5324	5619	5333
50	5266	5404	5381	5269	5290
55	5476	5422	5418	5551	5258
60	5272	5680	5713	5675	5568
65	5567	5723	5446	5425	5374
70	5529	5570	5298	5504	5462
75	5559	5394	5517	5421	5319
80	5606	5390	5618	5544	5343
85	5530	5594	5431	5595	5608
90	5471	5301	5605	5296	5562
95	5383	5366	5666	5641	5672
		Type 6 Ra	dar Waveform_2	23	
Frequenc List (MHz)	0	1	2	3	4
0	5318	5659	5395	5300	5527
5	5640	5623	5330	5521	5384
10	5299	5524	5522	5310	5449
15	5705	5296	5607	5254	5501
20	5489	5439	5508	5458	5498
25	5379	5653	5682	5698	5490
30	5346	5573	5265	5506	5260
35	5401	5351	5261	5367	5706
40	5334	5307	5632	5678	5694
45	5433	5582	5382	5672	5598
50	5520	5580	5432	5651	5567
55	5612	5664	5376	5511	5695
60	5470	5548	5716	5676	5604
65	5626	5624	5285	5587	5370
70	5417	5428	5505	5529	5293
75	5321	5647	5373	5714	5551
80	5340	5558	5677	5418	5611
85	5509	5707	5581	5686	5484
90	5679	5349	5437	5532	5483
95	5660	5280	5460	5362	5469



Type 6 Radar Waveform_24						
Frequenc				2		
List (MHz)	0	1	2	3	4	
0	5573	5423	5331	5461	5369	
5	5682	5548	5405	5684	5688	
10	5705	5313	5563	5505	5470	
15	5388	5260	5399	5652	5446	
20	5509	5655	5380	5597	5431	
25	5386	5328	5381	5311	5257	
30	5629	5332	5530	5383	5658	
35	5458	5540	5539	5520	5620	
40	5270	5487	5674	5397	5675	
45	5623	5413	5665	5343	5250	
50	5485	5396	5281	5483	5265	
55	5390	5556	5280	5708	5701	
60	5514	5344	5677	5406	5508	
65	5430	5572	5262	5543	5495	
70	5382	5648	5489	5418	5547	
75	5481	5488	5640	5441	5315	
80	5354	5491	5661	5596	5722	
85	5415	5646	5641	5453	5651	
90	5535	5615	5499	5566	5275	
95	5592	5432	5715	5361	5358	
		Type 6 Rada	ar Waveform_25			
Frequenc	;					
List (MHz)	0	1	2	3	4	
0	5353	5662	5267	5525	5589	
5	5346	5570	5480	5372	5420	
10	5539	5577	5604	5700	5491	
15	5379	5387	5405	5697	5638	
20	5724	5321	5404	5652	5655	
25	5584	5512	5291	5671	5696	
30	5487	5598	5432	5278	5679	
35	5630	5425	5295	5534	5612	
40	5540	5294	5552	5393	5273	
45	5401	5681	5275	5272	5360	
50	5354	5688	5403	5468	5416	
55	5333	5315	5331	5571	5665	
60	5340	5256	5615	5463	5522	
65	5579	5327	5451	5658	5501	
70	5531	5299	5447	5609	5561	
75	5361	5335	5646	5296	5377	
80	5411	5328	5412	5526	5488	
85	5548	5519	5489	5388	5546	
90	5600	5632	5701	5449	5345	
95	5698	5675	5407	5358	5562	



Type 6 Radar Waveform_26						
Frequenc List	0	1	2	3	4	
(MHz)						
0	5511	5426	5678	5686	5431	
5	5388	5495	5555	5535	5627	
10	5470	5366	5645	5420	5512	
15	5467	5514	5508	5452	5428	
20	5415	5359	5377	5540	5507	
25	5312	5616	5325	5713	5585	
30	5444	5338	5584	5573	5343	
35	5721	5696	5448	5545	5423	
40	5653	5550	5305	5291	5384	
45	5276	5356	5459	5259	5623	
50	5536	5443	5414	5347	5656	
55	5606	5530	5286	5460	5261	
60	5610	5647	5654	5561	5664	
65	5471	5615	5537	5544	5632	
70	5255	5487	5534	5336	5406	
75	5578	5681	5504	5316	5309	
80	5633	5478	5391	5409	5315	
85	5330	5265	5484	5636	5517	
90	5369	5552	5417	5466	5350	
95	5329	5629	5580	5303	5702	
		Type 6 Rada	ar Waveform_27			
Frequence List	0	1	2	3	4	
(MHz)	5201	5207	5(14	5070	5(51	
0	5291	5287	5614	5372	5651	
5	5430	5517	5630	5601	5456	
10	5304	5686	5518	5533	5555	
15	5641 5484	5611	5690	5644	5436	
20 25	5484	5300 5720	5670 5359	5350 5377	5331 5571	
30	5401	5553	5358	5296	5385	
35	5337	5589	5459	5262	5261	
40	5488	5545	5288	5313	5256	
45	5439	5420	5312	5427	5402	
50	5712	5636	5532	5669	5369	
55	5570	5321	5349	5257	5426	
60	5576	5480	5507	5487	5554	
65	5339	5435	5424	5473	5634	
70	5472	5365	5450	5326	5550	
75	5297	5675	5419	5414	5642	
80	5551	5309	5441	5315	5269	
85	5627	5360	5352	5494	5715	
90	5534	5558	5299	5347	5483	
95	5405	5410	5624	5559	5406	



Type 6 Radar Waveform_28						
Frequence	;					
List (MHz)	0	1	2	3	4	
0	5546	5526	5550	5533	5493	
5	5472	5442	5705	5289	5663	
10	5710	5516	5252	5713	5554	
15	5643	5293	5714	5260	5361	
20	5347	5650	5716	5284	5323	
25	5694	5308	5621	5349	5393	
30	5419	5460	5358	5671	5510	
35	5591	5524	5428	5385	5376	
40	5373	5673	5441	5329	5310	
45	5285	5620	5711	5522	5478	
50	5365	5692	5278	5413	5687	
55	5718	5535	5613	5557	5511	
60	5606	5500	5408	5306	5453	
65	5688	5369	5590	5579	5706	
70	5496	5556	5637	5321	5288	
75	5324	5693	5375	5452	5529	
80	5670	5331	5614	5258	5586	
85	5552	5317	5545	5560	5699	
90	5661	5508	5656	5359	5597	
95	5394	5538	5509	5623	5639	
		Type 6 Rad	ar Waveform_29			
Frequenc				2	4	
List (MHz)	0	1	2	3	4	
	5326	5290	5486	5694	5713	
0 5	5611	5464	5305	5452	5395	
10	5641	5390	5433	5575	5634	
15	5323	5342	5553	5355	5719	
20	5657	5276	5296	5582	5257	
25	5349	5550	5427	5461	5446	
30	5315	5411	5284	5314	5663	
35	5519	5656	5529	5384	5512	
40	5524	5267	5453	5282	5549	
45	5691	5605	5536	5418	5579	
50	5629	5589	5263	5332	5358	
55	5460	5270	5478	5701	5365	
60	5577	5275	5281	5542	5715	
65	5704	5496	5511	5318	5626	
70	5501	5516	5665	5262	5548	
75	5264	5283	5291	5469	5356	
80	5451 5525	5495	5677	5303	5596	
85 90	5333	5650 5258	5269 5389	5660 5667	5499 5441	
<u>90</u> 95	5355		5515	5378	5420	
95	13408	5614	5313	0010	5420	



6. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part

15E of the FCC Rules.

The End



Appendix A : Test Setup Photograph

Refer to "2208TW0115-Setup Photo" file.



Appendix B : External Photograph

Refer to "2208TW0115-External Photo" file.



Appendix C : Internal Photograph

Refer to "2208TW0115-Internal Photo" file.