

# RADIO DFS TEST REPORT

Report No.: SHATBL2212018W15

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DZS Inc.	1 43
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way Plano TX 75024 United S	tates O <mark>f A</mark> merica
	Address:

Product Name : Optical Network Terminal (ONT)

Brand Name : DZS

Model Name : 2466GN

Series Model : N/A

Test Standard : FCC Part15.407

FCC ID : PJZ2466GN

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### **TEST REPORT CERTIFICATION**

Applicant's Name...... DZS Inc.

5700 Tennyson Parkway Plano TX 75024 United States Of

**America** 

Manufacturer's Name...... TDG Technology Co., Ltd.

Address.....: No.1 Yatai Road, Jiaxing City, Zhejiang Province, P.R. China

**Product Description** 

Product Name.....: Optical Network Terminal (ONT)

Brand Name ...... DZS

Model Name....: 2466GN

Series Model...... N/A

Test Standards.....: FCC Part 15.407

905462 D02 UNII DFS Compliance Procedures New Rules v02

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**Test Procedure** 905462 D03 UNII Clients Without Radar Detection New Rules

v01r02

This device described above has been tested by BV, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test....:

Date of receipt of test item...... 2022.12.19

Date (s) of performance of tests...... 2023.1.7-2023.1.31

Date of Issue...... 2023.2.11

Test Result.....: Pass

Testing Engineer :

Chris Xu

(Chris Xu)

Technical Manager

Ghost Li

(Ghost Li)

Authorized Signatory:

(Terry Yang)



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REPORT NO. VERSION SHATBL2212018W15 Rev. 01		DESCRIPTION	ISSUED DATE
		Initial issue of report	Feb. 11, 2023
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## 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards: KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 and 905462 D03 UNII Clients Without Radar Detection New Rules v01r02

( F 3)	Part 15.407	F 13	
Poguiroment	Operational Mode	RESULTS	
Requirement	Master	RESULIS	
Non-Occupancy Period	Yes	Pass	
DFS Detection Threshold	Yes	Pass	
Channel Availability Check Time	Yes	Pass	
Channel Closing Transmission Time	Yes	Pass	
Channel Move Time	Yes	Pass	
U-NII Detection Bandwidth	Yes	Pass	

# 1.1 TEST FACTORY

Company Name:	BV 7Layers Communications Technology (Shenzhen) Co., Ltd
Address:	No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park,Nanshan District, Shenzhen, Guangdong, China
Designation Number	CN1171

#### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $\mathbf{y} \pm \mathbf{U}$ , where expended uncertainty  $\mathbf{U}$  is based on a standard uncertainty multiplied by a coverage factor of  $\mathbf{k=2}$ , providing a level of confidence of approximately 95 %.

No.	Item	Uncertainty
1	DFS Threshold (conducted)	±0.87dB
2	Temperature	±1.024°C
3	Humidity	±4.575%

2. GENERAL INFORMATION

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# 2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Optical Network	Terminal (ONT)				
Brand Name	DZS	DZS				
Model Name	2466GN	12 No. 15 No.				
Series Model	N/A	DV A TO T				
Model Difference	N/A	N AND Y				
Product Description	Operation Frequency:  Modulation Type  Number Of Channel  Antenna Gain(Peak)  Based on the app User's Manual, th	abtical Network Terminal (ONT)  802.11a/ n(HT20)/ac(VHT20))/ax(HE20): 5.260GHz-5.320GHz 802.11 n(HT40)/ac(VHT40))/ax(HE40): 5.270GHz-5.310GHz 802.11ac(VHT80))/ax(HE80): 5.290GHz 802.11a/ n(HT20)/ac(VHT20))/ax(HE20): 5.500GHz-5.700GHz 802.11 n(HT40)/ac(VHT40))/ax(HE40): 5.510GHz-5.670GHz 802.11ac(VHT80))/ax(HE80): 5.530GHz-5.610GHz 802.11ax (160MHz):5250~5570MHz 802.11ax (160MHz):5250~5570MHz 802.11ax(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11ax(OFDM, OFDMA): BPSK,QPSK,16-QAM,64-QAM,256-QAM, 802.11ax(OFDM, OFDMA): BPSK,QPSK,16-QAM,64-QAM,256-QAM, 1024QAM Please see Note 2.  Antenna A gain: 6.71 dBi Antenna B gain: 3.9 dBi MIMO technology Directional gain=8.54dBi Dication, features, or specification exhibited in the EUT is considered as an ITE/Computing Device. UT technical specification, please refer to the User's				
Channel List	Refer to below	1 12 F 25				
Adapter	Brand: RUIDE Input: 100-240V A Output: DC12V 2A Model2: TPA289- Brand: TOPOW	-24120-US AC · 50/60Hz,0.7A				
Hardware version number	V2.0	ON E SHE EST				
Software version numbe	r znid-13723	T COV				
45	- Y	19				



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#### Note

 For a more detailed features description, please refer to the manufacturer's specifications or the User Manual, the antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

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200	1	Channel L	ist for 802.11	a/n/ac/a	ax (20MHz)		1.
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Cha nnel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	56	5280	60	5300	64	5320
100	5500	104	5520	108	5540	112	5560
116	5580	120	5600	124	5620	128	5640
132	5660	136	5680	140	5700		1/2°

1-	201	Channel I	List for 802.11	n/ac/ax	(40 MHz)	Y	1
Channel	Frequenc <mark>y</mark> (MHz)	Channel	Frequency (MHz)	Chan nel	Frequenc y (MHz)	Channel	Frequency (MHz)
54	5270	62	5310	102	5510	110	5550
134	5670	- F3		0	- N		25

E	201	Channel	List for 802.1	1ac/ax (	80 MHz)	6	. 3
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Chan nel	Frequenc y (MHz)	Channel	Frequency (MHz)
58	5290	106	5530	122	5610	L- X	33,

2 3	V.	Channe	el List for 802.	11ax (16	60 MHz)	100	5
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Chan nel	Frequenc y (MHz)	Channel	Frequency (MHz)
50	5250	114	5570	- TV	1/2	25	



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# 3.EQUIPMENT UNDER TEST (EUT) DETAILS

The manufacturer declared values for the EUT operational characteristics that affect DFS are as follows

## Operating Modes (5250 - 5350 MHz, 5470 - 5725 MHz)

		<b>—</b>
$  \times  $	Master	
$ V \times V $	เทลงเษา	DEVICE

Client Device (no In Service Monitoring, no Ad-Hoc mode)

Client Device with In-Service Monitoring

# Antenna Gains (5250 - 5350 MHz, 5470 - 5725 MHz)

1 A	5250 - 5	5250 - 5350 MHz		725 MHz
Antenna Gain (dBi)	ANT 0 : 6.71 ANT 1 : 3.9 MIMO : 8.54	ANT 0 : 6.71 ANT 1 : 3.9 MIMO : 8.54	ANT 0 : 6.71 ANT 1 : 3.9 MIMO : 8.54	ANT 0 : 6.71 ANT 1 : 3.9 MIMO : 8.54
DFS Detection Threshold (dBm)	F 20	-6	62	P 3V

## **Channel Protocol**

$\boxtimes$	IP Based
	Frame Based

☐ OTHER

The EUT did not require modifications during testing in order to comply with the requirements of the standard(s) referenced in this test report.

# 2.2 TEST CONDITIONS AND CHANNEL

	Normal Test Conditions		
Temperature	0°C – 40°C		
Relative Humidity	20% - 75%		
Supply Voltage	AC 120V/60Hz		

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



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#### 2.3 DFS MEASUREMENT INSTRUMENTATION

#### a. RADAR GENERATION SYSTEM

An Agilent PSG is used as the radar-generating source. The integral arbitrary waveform generators are programmed using Agilent's "Pulse Building" software and Elliott custom software to produce the required waveforms, with the capability to produce both unmodulated and modulated (FM Chirp) pulses. Where there are multiple values for a specific radar parameter then the software selects a value at random and, for FCC tests, the software verifies that the resulting waveform is truly unique.

With the exception of the hopping waveforms required by the FCC's rules (see below), the radar generator is set to a single frequency within the radar detection bandwidth of the EUT.

Frequency hopping radar waveforms are simulated using a time domain model. A randomly hopping sequence algorithm (which uses each channel in the hopping radar's range once in a hopping sequence) generates a hop sequence. A segment of the first 100 elements of the hop sequence are then examined to determine if it contains one or more frequencies within the radar detection bandwidth of the EUT. If it does not then the first element of the segment is discarded and the next frequency in the sequence is added. The process repeats until a valid segment is produced. The radar system is then programmed to produce bursts at time slots coincident with the frequencies within the segment that fall

in the detection bandwidth. The frequency of the generator is stepped in 1 MHz increments across the EUT's detection range.

The radar signal level is verified during testing using a CW signal with the AGC function switched on. Correction factors to account for the fact that pulses are generated with the AGC functions switched off are measured annually and an offset is used to account for this in the software. The generator output is connected to the coupling port of the conducted set-up or to the radar-generating antenna.

#### b. CHANNEL MONITORING SYSTEM

Channel monitoring is achieved using a spectrum analyzer and digital storage oscilloscope. The analyzer is configured in a zero-span mode, center frequency set to the radar waveform's frequency or the center frequency of the EUT's operating channel.

The IF output of the analyzer is connected to one input of the oscilloscope and analyzer.

A signal generator output is set to send either the modulating signal directly or a pulse gate with an output pulse co-incident with each radar pulse. This output is connected to a second input on the oscilloscope and the oscilloscope displays both the channel traffic (via the if input) and the radar pulses on its display.

For in service monitoring tests the analyzer sweep time is set to > 20 seconds and the oscilloscope is configured with a data record length of 10 seconds for the short duration and frequency hopping waveforms, 20 seconds for the long duration waveforms. Both instruments are set for a single acquisition sequence. The analyzer is triggered 500ms before the start of the waveform and the oscilloscope is triggered directly by the modulating pulse train. Timing measurements for aggregate channel transmission time and channel move time are made from the oscilloscope data, with the end of the waveform clearly identified by the pulse train on one trace. The analyzer trace data is used to confirm that the last transmission occurred within the 10-second record of the oscilloscope. If necessary the record length of the oscilloscope is expanded to capture the last transmission on the channel prior to the channel move.

Channel availability check time timing plots are made using the analyzer. The analyzer is triggered at start of the EUT's channel availability check and used to verify that the EUT does not transmit when radar is applied during the check time.

The analyzer detector and oscilloscope sampling mode is set to peak detect for all plots.



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# 2.4 EQUIPMENTS LIST FOR ALL TEST ITEMS

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Digital Low Resister	TENMARS	TM-508A	F 125	2023/2/15	2023/2/14
Three-ring antenna	ZHINAN	ZN30401	5 F 25	2023/2/15	2023/2/14
MXA Signal Analyzer	Keysight	N9021B	MY60080169	2023/4/23	2023/4/22
VXG Signal Analyzer	Keysight	N9384B	MY61270787	2023/4/23	2023/4/22
EXG Analog Signal Generator	Keysight	N5173B	MY59101282	2023/4/23	2023/4/22
RF Control Unit	dsusoft	JS0806-2	21G8060449	2023/4/23	2023/4/22
Wideband Radio	Rohde & Schwarz	CMW500	1201.0002K50-116064-Dt	2023/4/23	2023/4/22

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# 3. DFS PARAMETERS

## 3.1 DFS PARAMETERS

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

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

Table 2: Applicability of DFS requirements during normal operation

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

Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required

Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.



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Table 3: DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

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

Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.

Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response.

Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01

# Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds
	See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U- NII 99% transmission power bandwidth. See Note 3.

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

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

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



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Table 5 – Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (µsec)	PRI (µsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimun Number of Trials
0	1	1428	18	See Note 1	See Note
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a 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	Roundup $ \left\{ \frac{1}{360} \right\}. $ $\left( \frac{19 \cdot 10^6}{\text{PRI}_{\mu \text{sec}}} \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
Aggregate (	Radar Types			80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.

Table 5a - Pulse Repetition Intervals Values for Test A

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



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The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4. For example, the following table indicates how to compute the aggregate of percentage of successful detections.

Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection
1	35	29	82.9%
2	30	18	60%
3	30	27	90%
4	50	44	88%

# Long Pulse Radar Test Waveform

Table 6 – Long Pulse Radar Test Waveform

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

Figure 1 provides a graphical representation of the Long Pulse Radar Test Waveform.

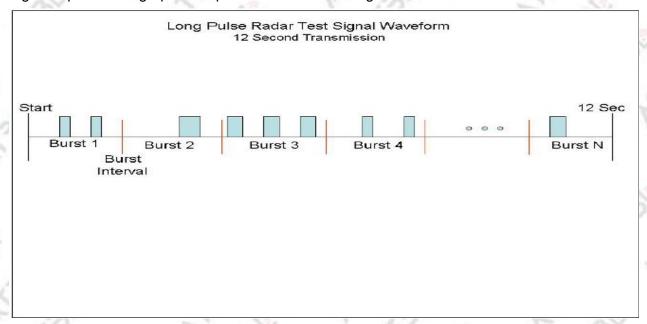


Table 7 – Frequency Hopping Radar Test Waveform

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



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3.2 DFS -TEST

#### 3.2.1 DFS MEASUREMENT METHODS

## a. DFS - CHANNEL CLOSING TRANSMISSION TIME AND CHANNEL MOVE TIME

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

#### b. DFS - CHANNEL NON-OCCUPANCY AND VERIFICATION OF PASSIVE SCANNING

Non-occupancy Period. A channel that has been flagged as containing a radar system, either by a channel availability check or in-service monitoring, is subject to a non-occupancy period of at least 30 minutes. The non-occupancy period starts at the time when the radar system is detected.

#### c. CHANNEL AVAILABILITY CHECK TIME

Channel Availability Check Time. A U-NII device shall check if there is a radar system already operating on the channel before it can initiate a transmission on a channel and when it has to move to a new channel. The U-NII device may start using the channel if no radar signal with a power level greater than the interference threshold values listed in paragraph (h)(2) of this section, is detected within 60 seconds.

#### d. CONTROL (TPC)

Compliance with the transmit power control requirements for devices is demonstrated through measurements showing multiple power levels and manufacturer statements explaining how the power control is implemented.

#### e. DETECTION PROBABILITY / SUCCESS RATE

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. Minimum 100% of the U-NII 99% transmission power bandwidth.

## f. NON- OCCUPANCY PERIOD

During the 30 minutes observation time, UUT did not make any transmissions on a channel after a radar signal was detected on that channel by either the Channel Availability Check or the In-Service Monitoring

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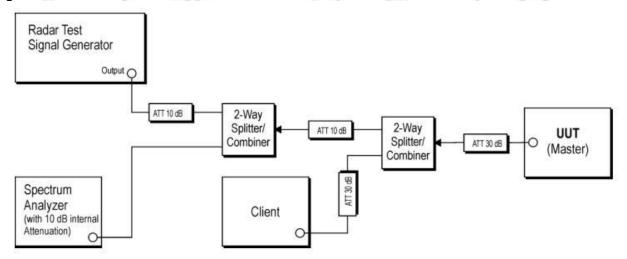
#### 3.2.2 DFS CONDUCTION TEST METHOD

a. The signal level of the simulated waveform is set to a reference level equal to the threshold level (plus 1dB if testing against FCC requirements). Lower levels may also be applied on request of the manufacturer.

The signal level is verified by measuring the CW signal level at the coupling point to the RDD antenna port. The radar signal level is calculated from the measured level, R (dBm) and the lowest gain antenna assembly intended for use with the RDD

If both master and client devices have radar detection capability then the radar level at the non RDD is verified to be at least 20dB below the threshold level to ensure that any responses are due to the RDD detecting radar.

The antenna connected to the channel monitoring subsystem is positioned to allow both master and client transmissions to be observed, with the level of the EUT's transmissions between 6 and 10dB higher than those from the other device.



b. Set-up B is a set-up whereby the UUT is an RLAN device operating in slave mode, with or without Radar Interference Detection function. This set-up also contains an RLAN device operating in master mode. The radar test signals are injected into the master device. The UUT (slave device) is associated with the master device. Figure 5 shows an example for Set-up B. The set-up used shall be documented in the test report.

Channel loading mode:

EUT connects to the router through DFS setup, then controls and switches the EUT channel on the router background page.

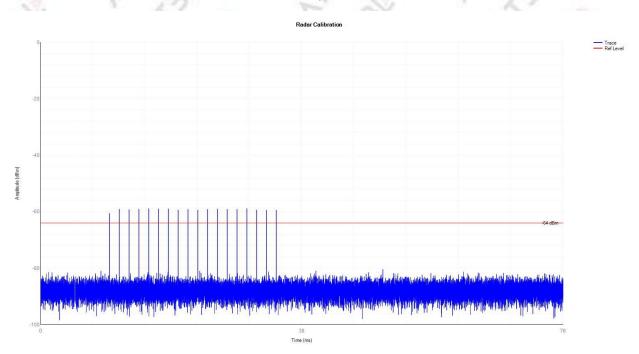


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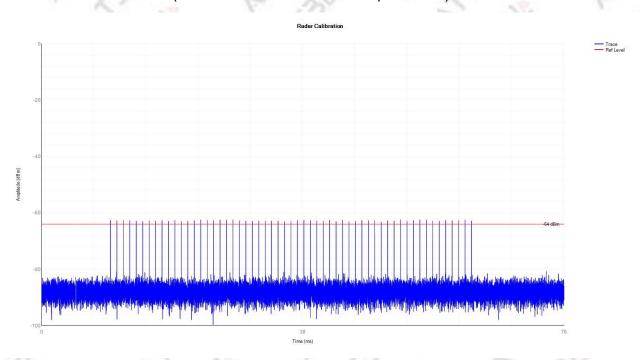
Report No.: SHATBL2212018W15

# Radar Waveform Calibration Test Result

# Radar Type 0

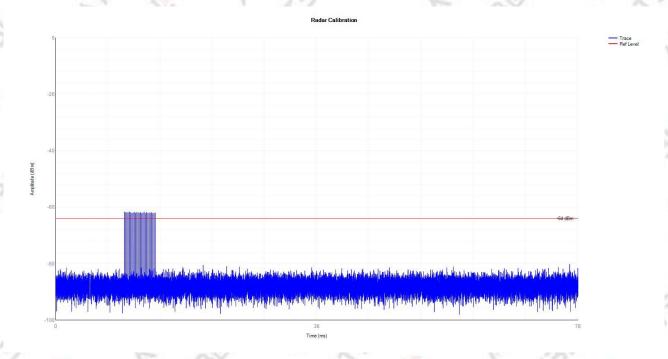


Radar Type 1
(PRI=918us and the number of pulses=58)

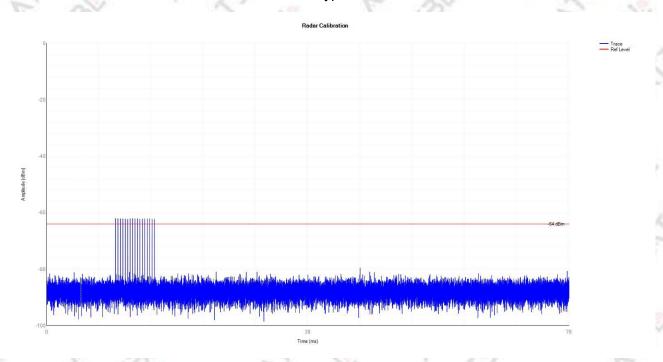




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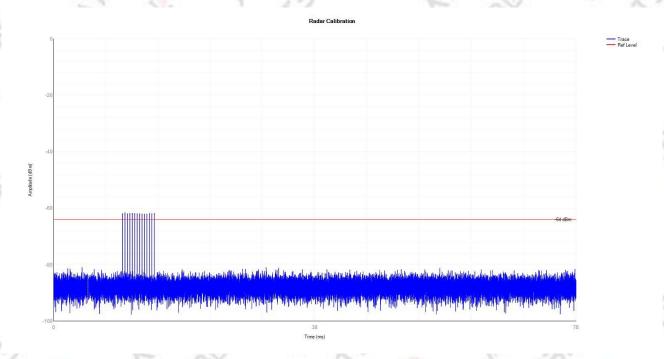
# Radar Type 3





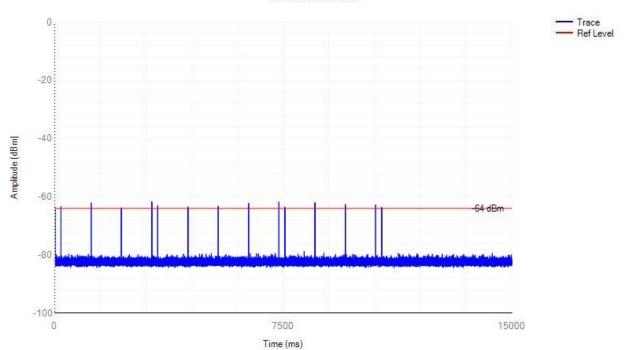
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# Radar Type 5

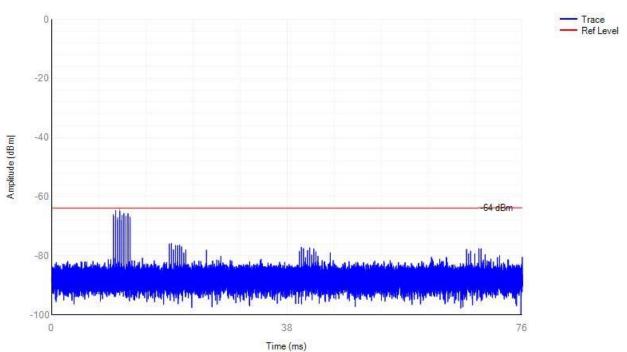
#### Radar Calibration





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F. S.

Kar

K3V

Far

Far

0

F3V

Kal

K3V

S.

Kal

Kar

35

3

334

K3V

K3N

Kay

F3V

Kale

Kar.

ESW.

K3N

KAN

K3V

Kal

K3V

Kal

K35

F. S.

Kall

J31

Boy

F3N

E SE

Kar Kar

5.		BL2212018W <sup>,</sup>	Ý
S	Line,	23	

Row Row

F3V

K3N

Kal

Kon Kon

Kale Ks

F3N

KSNE K

K31

Kar

Mal

1

K

K3E

F3V

Mar Mar

Kan Kan

F3V

Kall I

Kale

K3N

K350

Kar

K3V

K3V

KS S

Test Mode	Test Frequency	Packet Ratio	Requirement ratio	Test Result
802.11ax-HE20	5500 MHz	18.81%	≥17%	Pass
802.11ax-HE40	5510 MHz	18.38%	≥17%	Pass
802.11ax-HE80	5530 MHz	23.82%	≥17%	Pass
802.11ax-HE160	5250 MHz	31.19%	≥17%	Pass
802.11ax-HE160	5570 MHz	26.32%	≥17%	Pass
30 5	Par and	P RON	T. F.	Salva V

Kanin Kanin

K3E



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	De	etec	tion	Ва	ndv	vidth	n Te	est <sup>-</sup>	Trar	nsmis	ssion			
EUT F	requ	ien	су:	80	2.1	1ax	-HE	20	mo	de -	5500 MHz			
Test Ra	dar	Тур	oe:	Ту	Type 0									
Detection B	and	wid	th:	19	19.2 MHz									
Detection Bandwidth N	Min.	Lin	nit:	18	.99	MH	łz							
Те	st F	Resi	ult:	Pa	Pass									
Radar Frequency			DF	S [	Dete	ectio	on T	rial	s (1	=Det	tection, 0 = No Detection)			
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate(%)			
5490	0	0	0	0	0	0	0	0	0	0	0%			
5490.4 FL	1	1	1	1	1	1	1	1	1	1	100%			
5491	1	1	1	1	1	1	1	1	1	1/	100%			
5492	1	1	1	1	1	1	1	1	1	1	100%			
5493	1	1	1	1	1	1	1	1	1	1	100%			
5494	1	1	1	1	1	1	1	1	1	1	100%			
5495	1	1	1	1	1	1	1	1	1	1	100%			
5496	1	1	1	1	1	1	1	1	1	1	100%			
5500	1	1	1	1	1	1	1	1	1	1	100%			
5505	1	1	1	1	1	1	1	1	1	1	100%			
5506	1	1	1	1	1	1	1	1	1	1	100%			
5507	1	1	1	1	1	1	1	1	1	1	100%			
5508	1	1	1	1	1	1	1	1	1	1	100%			
5509	1	1	1	1	1	1	1	1	1	1	100%			
5509.6 FH	1	1	1	1	1	1	1	1	1	1	100%			
5510	0	0	0	0	0	0	0	0	0	0	0%			

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5500MHz.

Note 2: Detection Bandwidth = FH - FL



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	De	etec	tion	Ва	ndv	vidtł	า Te	est <sup>-</sup>	Trar	nsmis	ssion
EUT F	requ	uen	су:	80	2.1	1ax	-HE	40	mo	de - 5	5510 MHz
Test Ra	dar	Тур	oe:	Ту	γре	0					
Detection B	and	wid	th:	38	3 MH	Ηz					
Detection Bandwidth I	Min.	Lin	nit:	37	'.54	MH:	Z				
Te	st F	Resi	ult:	Pa	ass						
Radar Frequency			DF	S [	Dete	ectio	on T	rial	s (1	=Det	ection, 0 = No Detection)
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate(%)
5490	0	0	0	0	0	0	0	0	0	0	0%
5491 FL	1	1	1	1	1	1	1	1	1	1	100%
5 <mark>4</mark> 92	1	1	1	1	1	1	1	1	1	1	100%
5493	1	1	1	1	1	1	1	1	1	1/	100%
5500	1	1	1	1	1	1	1	1	1	1	100%
5505	1	1	1	1	1	1	1	1	1	1	100%
5510	1	1	1	1	1	1	1	1	1	1	100%
5515	1	1	1	1	1	1	1	1	1	1,	100%
5520	1	1	1	1	1	1	1	1	1	1	100%
5525	1	1	1	1	1	1	1	1	1	1	100%
5526	1	1	1	1	1	1	1	1	1	1	100%
5527	1	1	1	1	1	1	1	1	1	1	100%
5528	1	1	1	1	1	1	1	1	1	1	100%
5529 FH	1	1	1	1	1	1	1	1	1	1	100%
5530	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5510MHz.

Note 2: Detection Bandwidth = FH - FL



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		De	etec	tion	Ва	ndv	vidtl	n Te	est <sup>-</sup>	Trar	nsmis	ssion		
	EUT Fr	equ	uend	cy:	80	2.1	1ax	-HE	80	mo	de - :	5530 MHz		
	Test Ra	dar	Тур	oe:	Ту	ре	0							
	Detection B	and	wid	th:	78	78 MHz								
	Detection Bandwidth N	Лin.	Lin	nit:	76	6.95	MH	łz						
	Те	st F	Resi	ult:	Pa	ass								
	Radar Frequency			DF	S I	Dete	ectio	n T	rial	s (1	=De	tection, 0 = No Detection)		
	(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate(%)		
V	5490	0	0	0	0	0	0	0	0	0	0	0%		
	5491 FL	1	1	1	1	1	1	1	1	1	1	100%		
A	5492	1	1	1	1	1	1	1	1	1	1	100%		
E	5493	1	1	1	1	1	1	1	1	1	1/	100%		
	5494	1	1	1	1	1	1	1	1	1	1	100%		
	5500	1	1	1	1	1	1	1	1	1	1	100%		
15	5510	1	1	1	1	1	1	1	1	1	1	100%		
2	5515	1	1	1	1	1	1	1	1	1	1	100%		
	5520	1	1	1	1	1	1	1	1	1	1	100%		
1	55 <mark>2</mark> 5	1	1	1	1	1	1	1	1	1	1	100%		
-	5530	1	1	1	1	1	1	1	1	1	1	100%		
	5535	1	1	1	1	1	1	1	1	1	1	100%		
43	5540	1	1	1	1	1	1	1	1	1	1	100%		
25	5545	1	1	1	1	1	1	1	1	1	1	100%		
	5550	1	1	1	1	1	1	1	1	1	1	100%		
14	5555	1	1	1	1	1	1	1	1	1	1	100%		
	5560	1	1	1	1	1	1	1	1	1	1	100%		
	5565	1	1	1	1	1	1	1	1	1	1	100%		
	5566	1	1	1	1	1	1	1	1	1	1	100%		
1	5567	1	1	1	1	1	1	1	1	1	1	100%		
5	5568	1	1	1	1	1	1	1	1	1	1	100%		
	5569 FH	1	1	1	1	1	1	1	1	1	1	100%		
	5570	0	0	0	0	0	0	0	0	0	0	0%		

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5530MHz.

Note 2: Detection Bandwidth = FH - FL



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	De	etec	tion	Ва	ndv	vidtl	n Te	est <sup>-</sup>	Trar	nsmis	ssion			
EUT F	equ	iend	cy:	80	2.1	1ax	-HE	E160	) m	ode -	- 5570 MHz			
Test Ra	dar	Тур	oe:	Ту	Type 0									
Detection B	and	wid	th:	15	8 N	1Hz								
Detection Bandwidth I	Лin.	Lin	nit:	15	155.78MHz									
Te	st F	Resi	ult:	Pa	ass									
Radar Frequency			DF	S I	S Detection Trials (1=Detection, 0 = No Detection)									
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate(%)			
5490	0	0	0	0	0	0	0	0	0	0	0%			
5491 FL	1	1	1	1	1	0	1	1	1	V	90%			
5 <mark>4</mark> 92	1	1	1	1	1	1	1	1	1	1	100%			
5493	1	1	1	1	1	1	1	1	1	1/	100%			
5494	1	1	1	1	1	1	1	1	1	1	100%			
5495	1	1	1	1	1	1	1	1	1	1	100%			
5500	1	1	1	1	1	1	1	1	1	1	100%			
5505	1	1	1	1	1	1	1	1	1	1	100%			
5510	1	1	1	1	1	1	1	1	1	1	100%			
5515	1	1	1	1	1	1	1	1	1	1	100%			
5520	1	1	1	1	1	1	1	1	1	1	100%			
5525	1	1	1	1	1	1	1	1	1	1	100%			
5530	1	1	1	1	1	1	1	1	1,	1	100%			
5535	1	1	1	1	1	1	1	1	1	1	100%			
5540	1	1	1	1	1	1	1	1	1	1	100%			
5545	1	1	1	1	1	1	1	1	1	1	100%			
5550	1	1	1	1	1	1	1	1	1	1	100%			
5555	1	1	1	1	1	1	1	1	1	1	100%			
5560	1	1	1	1	1	1	1	1	1	1	100%			
5565	1	1	1	1	1	1	1	1	1	1	100%			
5570	1	1	1	1	1	1	1	1	1	1	100%			
5575	1	1	1	1	1	1	1	1	1	1	100%			
5580	1	1	1	1	1	1	1	1	1	1	100%			
5585	1	1	1	1	1	1	1	1	1	1	100%			
5590	1	1	1	1	1	1	1	1	1	1	100%			
5595	1	1	1	1	1	1	1	1	1	<b>√</b> 1	100%			
5600	1	1	1	1	1	1	1	1	1	1	100%			
5605	1	1	1	1	1	1	1	1	1	1	100%			
5610	1	1	1	1	1	1	1	1	1	1	100%			



		1		1	P	age	27	of	89		-	Report No.: SHATBL2212018W15
No.	5615	1	1	1	1	1	1	1	1	1	1	100%
	5620	1	1	1	1	1	1	1	1	1	1	100%
C.	5625	1	1	1	1	1	1	1	1	1	1	100%
2	5630	1	1	1	1	1	1	1	1	1	1	100%
~	5635	1	1	1	1	1	1	1	1	1	1	100%
V 1	5640	1	1	1	1	1	1	1	1	1	1	100%
15	5645	1	1	1	1	1	1	1	1	1	1	100%
	5646	1	1	1	1	1	1	1	1	1	1	100%
V	5647	1	1	1	1	1	1	1	1	1	1	100%
250	5648	1	1	1	1	1	1	1	1	1	1	100%
5	64 <mark>9</mark> FH	1	0	1	1	1	1	1	1	1	1	90%
F 1	5650	0	0	0	0	0	0	0	0	0	0	0%

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5570MHz.

Note 2: Detection Bandwidth = FH - FL



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	De	etec	tion	Ва	ndv	vidtl	n Te	est <sup>-</sup>	Trar	nsmis	ssion		
EUT Fi	equ	iend	су:	80	2.1	1ax	-HE	160	) m	ode -	- 5250 MHz		
Test Ra	dar	Тур	e:	Ту	γре	0							
Detection B	and	wid	th:	79	MH	Ηz							
Detection Bandwidth N	∕lin.	Lim	nit:	77	77.68 MHz								
Те	st F	Resu	ult:	Pa	ass								
Radar Frequency			DF	S [	Dete	ectio	on T	rial	s (1	=Def	tection, 0 = No Detection)		
(MHz)	1	2	3	4	5	6	7	8	9	10	Detection Rate(%)		
5249	0	0	0	0	0	0	0	0	0	0	0%		
5250 FL	1	1	1	1	1	1	1	1	1	1	100%		
5251	1	1	1	1	1	1	1	1	1	1	100%		
5252	1	1	1	1	1	1	1	1	1	1/	100%		
5253	1	1	1	1	1	1	1	1	1	1	100%		
5254	1	1	1	1	1	1	1	1	1	1	100%		
5255	1	1	1	1	1	1	1	1	1	1	100%		
5260	1	1	1	1	1	1	1	1	1	1,0	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	1	1	1	1	1	1	1	1	1	1	100%		
5329 FH	1	1	1	1	1	1	1	1	0	1	90%		
5330	0	0	0	0	0	0	0	0	0	0	0%		

Note 1: All NII channels for this device have identical Channel bandwidths. Therefore, all DFS testing was done at 5250MHz.

Note 2: Detection Bandwidth = FH - FL

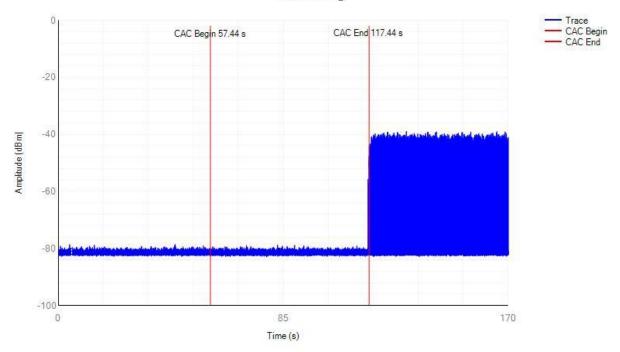
Note 3: Detection Bandwidth Min. Limit=(100% of the U-NII 99% power bandwidth)/2

Initial Channel Availability Check Time Test Result



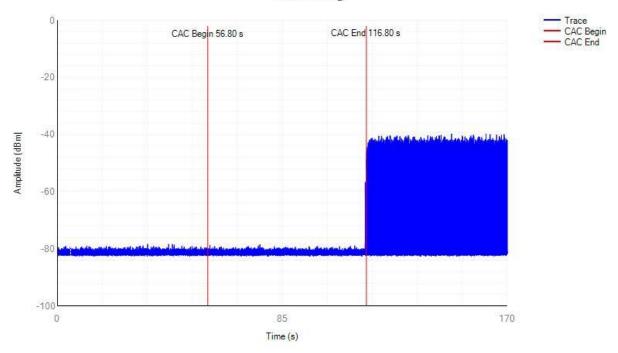
# Page 29 of 89 Report No.: SHATBL2212018W15 5300MHz ax20 CAC Initial

## **UUT Timing**



# 5500MHz ax20 CAC Initial

## **UUT Timing**



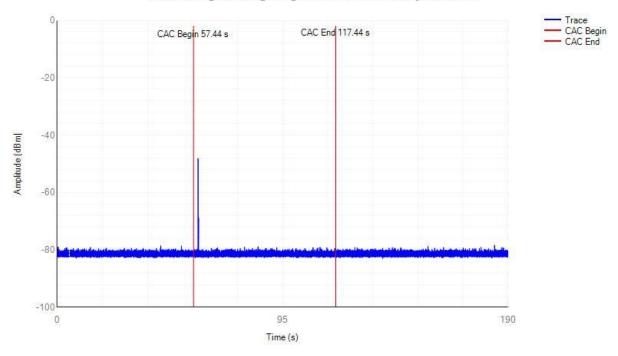


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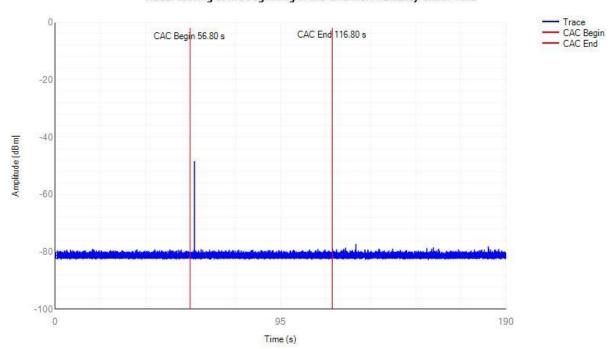
# Radar Burst at the Beginning of the Channel Availability Check Time Test Result 5300MHz ax20 CAC Beginning

#### Radar testing at the beginning of the Channel Availability Check Time



# 5500MHz ax20 CAC Beginning

#### Radar testing at the beginning of the Channel Availability Check Time



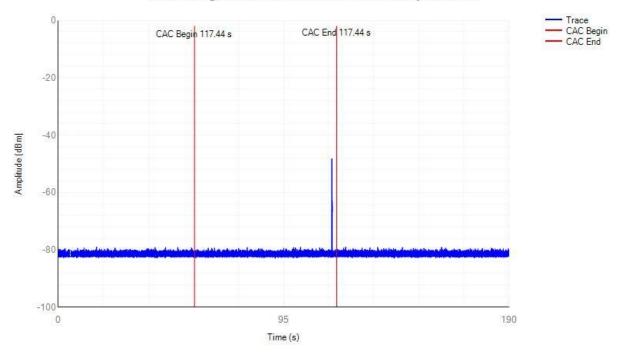


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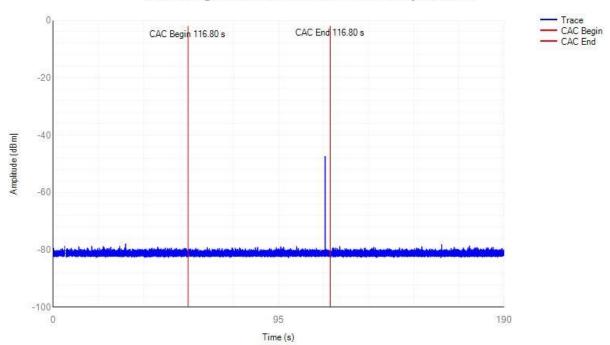
# Radar Burst at the End of the Channel Availability Check Time Test Result 5300MHz ax20 CAC End

#### Radar testing towards the end of the Channel Availability Check Time



# 5500MHz ax20 CAC End

#### Radar testing towards the end of the Channel Availability Check Time





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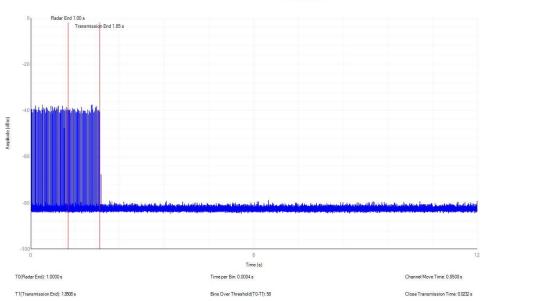
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time Test Result

Mode	Frequen	Channel Move Time (s)	Limit Channel  Move Time  (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Verdi ct
ax160	5570	0.8508	10	0.2232	0.26	Pass
ax160	5250	0.8444	10	0.2216	0.26	Pass
ax20	5300	0.9123	10	0.2276	0.26	Pass
ax20	5500	0.8716	10	0.2084	0.26	Pass

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.

#### 5570MHz ax160 Shutdown

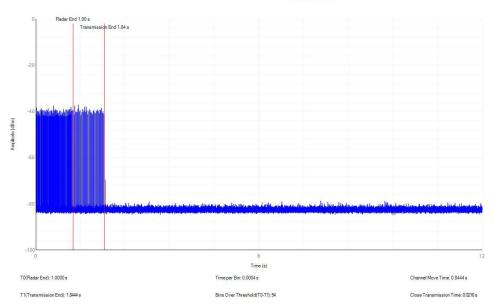






# Page 33 of 89 Report No.: SHATBL2212018W15 5250MHz ax160 Shutdown

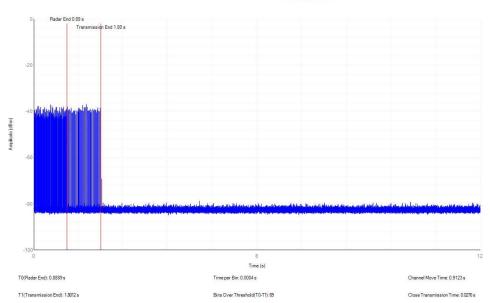
Channel Shutdown



# Trace Radar End Transmission End

# 5300MHz ax20 Shutdown

#### Channel Shutdown



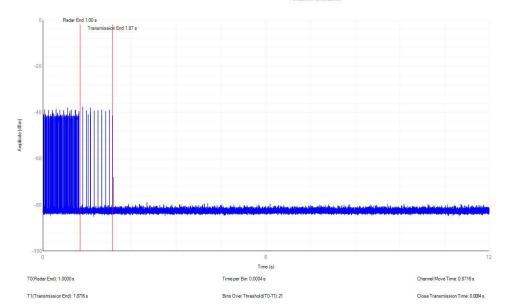




# Page 34 of 89 5500MHz ax20 Shutdown

## Report No.: SHATBL2212018W15

Channel Shutdown







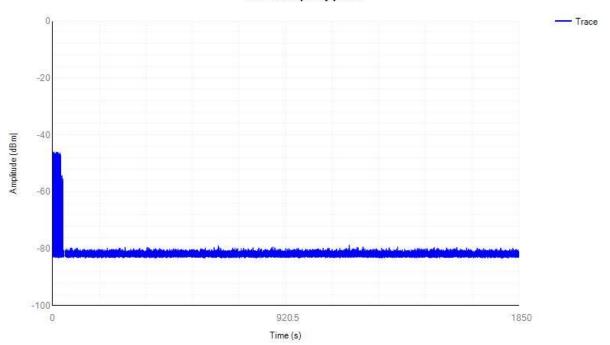
Non-Occupancy Period Test Result

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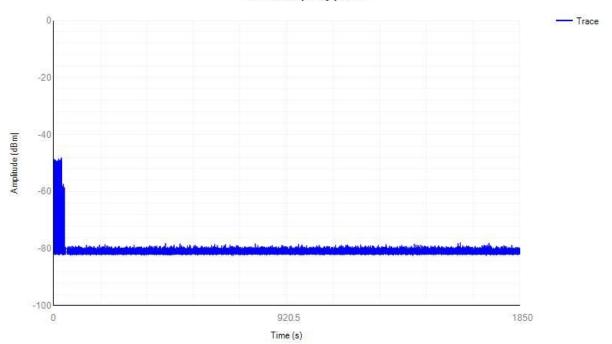
# 5570MHz ax160 Non-Occupancy

# Non-Occupancy period



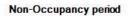
## 5250MHz ax160 Non-Occupancy

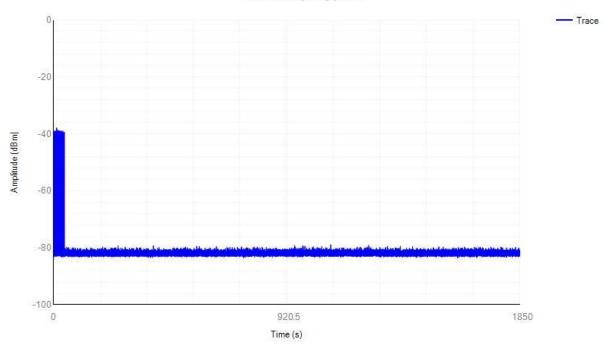
## Non-Occupancy period





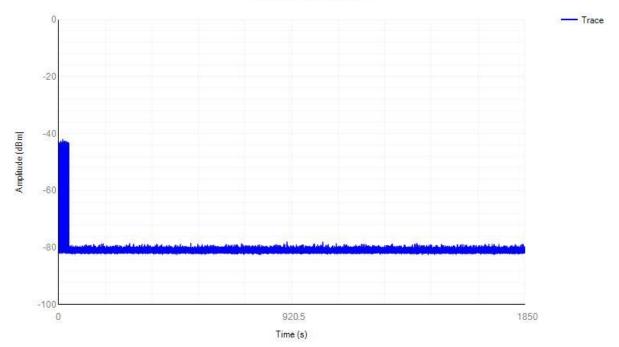
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# 5500MHz ax20 Non-Occupancy

## Non-Occupancy period





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#### Statistical Performance Check Test Result

	Radar	Statistical Perfor	mance Check		
	80	2.11ax-HE20 - 5	500 MHz		
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection	Limit	Results
F1 3	30	28	93.33%	≥60%	Pass
2	30	25	83.33%	≥60%	Pass
3	30	26	86.67%	≥60%	Pass
4	30	24	80.00%	≥60%	Pass
Aggregate	120	Ç.	85.83%	≥80%	Pass
5	30	25	83.33%	≥80%	Pass
6	30	23	76.67%	≥70%	Pass

		Statistical Perfor	THATICE OFFICER		
	802	2.11ax-HE40 - 5	510 MHz		
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection	Limit	Results
1	30	26	86.67%	≥60%	Pass
2	30	24	80.00%	≥60%	Pass
3	30	27	90.00%	≥60%	Pass
4	30	24	80.00%	≥60%	Pass
Aggregate	120	2001	84.17%	≥80%	Pass
5	30	27	90.00%	≥80%	Pass
6	30	24	80.00%	≥70%	Pass



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	Radar S	tatistical Perforn	nance Check		
	802	.11ax-HE80 - 55	30 MHz		
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection	Limit	Results
1	30	28	93.33%	≥60%	Pass
2	30	29	96.67%	≥60%	Pass
3	30	26	86.67%	≥60%	Pass
4	30	28	93.33%	≥60%	Pass
Aggregate	120	5	92.50%	≥80%	Pass
5	30	27	90.00%	≥80%	Pass
6	30	25	83.33%	≥70%	Pass

	802	.11ax-HE160 - 5	570 MHz		
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection	Limit	Results
×1 K2	30	26	86.67%	≥60%	Pass
2	30	27	90.00%	≥60%	Pass
3	30	29	96.67%	≥60%	Pass
4	30	24	80.00%	≥60%	Pass
Aggregate	120	2	88.33%	≥80%	Pass
5	30	26	86.67%	≥80%	Pass
6	30	25	83.33%	≥70%	Pass



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	Radar S	Statistical Perform	nance Check		
	802	.11ax-HE160 - 5	250 MHz		
Radar Type	Number of Trials	Number of Successful Detections	Minimum Percentage of Successful Detection	Limit	Results
1	30	26	86.67%	≥60%	Pass
2	30	27	90.00%	≥60%	Pass
3	30	27	90.00%	≥60%	Pass
4	30	25	83.33%	≥60%	Pass
Aggregate	120	5	87.50 <mark>%</mark>	≥80%	Pass
5	30	27	90.00%	≥80%	Pass
6	30	26	86.67%	≥70%	Pass



#### Page 40 of 89 Radar Type 0

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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Number of Pulses	Taveform Length (us)
Download	0:	Type O	1.0	1428.0	18	25704.0
Download	1	Type 0	1.0	1428.0	18	25704.0
Download	2	Type O	1.0	1428.0	18	25704.0
Download	3	Type 0	1.0	1428.0	18	25704.0
Download	4	Type 0	1.0	1428.0	18	25704.0
Download	5	Type 0	1.0	1428.0	18	25704.0
Download	6	Type 0	1.0	1428.0	18	25704.0
Download	7:	Type 0	1.0	1428.0	18	25704.0
Download	8:	Type 0	1.0	1428.0	18	25704.0
Download	9	Type 0	1.0	1428,0	18	25704.0
Download	10	Type O	1.0	1428.0	18	25704.0
Download	11	Type 0	1.0	1428.0	18	25704.0
Download	12	Type 0	1.0	1428.0	18	25704.0
Download	13	Type 0	1.0	1428.0	18	25704.0
Download	14	Type O	1.0	1428.0	18	25704.0
Download	15	Type O	1.0	1428.0	18	25704.0
Download	16.	Type 0	1.0	1428.0	18	25704.0
Download	17	Type O	1.0	1428.0	18	25704.0
Download	18	Type O	1.0	1428.0	18	25704.0
Download	19	Type 0	1.0	1428.0	18	25704.0
Download	20	Type 0	1/0	1428.0	18	25704.0
Download	21	Type 0	1.0	1428, 0	18	25704.0
Download	22	Type 0	1.0	1428.0	18	25704.0
Download	23	Type 0	1.0	1428.0	18	25704.0
Download	24	Type O	1.0	1428.0	18	25704.0
Download	25	Type O	1.0	1428.0	18	25704.0
Download	26	Type O	1.0	1428.0	18	25704.0
Download	27	Type 0	1.0	1428.0	18	25704.0
Download	28	Type 0	1.0	1428.0	18	25704.0
Download	29	Type 0	1.0	1428.0	18	25704.0



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m		7	-		1160

	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Number of Pulses	Taveform Length (us)
Download	0.	Type 1	1.0	938.0	57	53466.0
Download	1	Type 1	1.0	698.0	76	53048.0
Download	2	Type 1	1.0	618.0	86	53148.0
Download	3	Type 1	1.0	538.0	99	53262.0
Download	4	Type 1	1.0	878.0	61	53558.0
Download	5	Type 1	1.0	3066.0	18	55188.0
Download	6	Type 1	1.0	638, 0	83	52954.0
Download	7	Type 1	1.0	918.0	58	53244.0
Download	8	Type 1	1.0	838.0	63	52794.0
Download	9	Type 1	1.0	858.0	62	53196.0
Download	10	Type 1	1.0	798.0	67	53466.0
Download	11	Type 1	1.0	718.0	74	53132.0
Download	12	Type 1	1.0	578.0	92	53176.0
Download	13	Type 1	1.0	598.0	89	53222.0
Download	14	Type 1	1.0	558.0	95	53010, 0
Download	15	Type 1	1.0	2536.0	21	53256.0
Download	16	Type 1	1.0	966.0	55	53130.0
Download	17	Type 1	1.0	827.0	64	52928.0
Download	18	Type 1	1.0	2501.0	22	55022.0
Download	19	Type 1	1.0	2595.0	21	54495.0
Download	20	Type 1	1.0	1114.0	48	53472.0
Download	21	Type 1	1.0	1302.0	41	53382.0
Download	22	Type 1	1.0	3045.0	18	54810.0
	23	Type 1	1.0	1624.0	33	53592.0
Download	24	Type 1	1.0	2878.0	19	54682.0
Download	25	Type 1	1.0	1027.0	52	53404.0
Download	26	Type 1	1,0	2485.0	22	54670.0
Download	27	Type 1	1.0	1600.0	33	52800.0
Download	28	Type 1	1.0	1172.0	46	53912.0
Download	29	Type 1	1.0	1177.0	45	52965.0



# Page 42 of 89 Report No.: SHATBL2212018W15 Radar Type 2- Radar Waveform

-Trial List

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Taveform Length (us)
Download	0	Type 2	3. 2	179.0	26	4654.0
Download	i	Type 2	1.1	207.0	23	4761.0
Download	2	Type 2	2.1	230.0	24	5520.0
Download	3.	Type 2	4.8	200.0	29	5800.0
Download	4	Type 2	3.9	214.0	28	5992.0
Download	5	Type 2	2.9	222.0	26	5772.0
Download	6	Type 2	3, 2	204.0	26	5304.0
Download	7	Type 2	2.5	192.0	25	4800.0
Download	8	Type 2	3. 1	164.0	26	4264.0
Download	9	Type 2	1.2	156.0	23	3588.0
Download	10	Type 2	3.9	210.0	27	5670.0
Download	11	Type 2	4.6	201.0	29	5829.0
Download	12	Type 2	3. 2	162.0	26	4212.0
Download	13	Type 2	2.2	197.0	25	4925.0
Download	14	Type 2	4.5	163.0	29	4727.0
Download	15	Type 2	3.0	203.0	26	5278.0
Download	16	Type 2	5.0	168.0	29	4872.0
Download	17	Type 2	2.4	217.0	25	5425.0
Download	18	Type 2	2.9	191.0	26	4966.0
Download	19	Type 2	2.3	166.0	25	4150.0
Download	20	Type 2	3. 7	150.0	27	4050.0
Download	21	Type 2	2.2	176.0	25	4400.0
Download	22	Type 2	4.9	195.0	29	5655.0
Download	23	Type 2	2.9	202.0	26	5252.0
Download	24	Type 2	2.5	178.0	25	4450.0
Download	25	Type 2	1.1	206.0	23	4738.0
Download	26	Type 2	3.8	155.0	27	4185.0
Download	27	Type 2	47	157.0	29	4553.0
Download	28	Type 2	2.4	224.0	25	5600.0
Download	29	Type 2	4.2	159.0	28	4452.0



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Number of Pulses	Taveform Length (us)
Download	0	Type 3	8.2	355, 0	17	6035, 0
Download	1	Type 3	6.1	487.0	16	7792.0
Download	2	Type 3	7. 1	344,0	16	5504.0
Download	3	Type 3	9,8	288.0	18	5184.0
Download	4	Type 3	8.9	230.0	18	4140,0
Download	5	Type 3	7.9	432.0	17	7344. 0
Download	6	Type 3	8.2	207, 0	17	3519.0
Download	7	Type 3	7.5	443.0	17	7531.0
Download	8	Туре З	8. 1	439, 0	17	7463.0
Download	9	Туре З	6.2	223.0	16	3568.0
Download	10	Type 3	8.9	208, 0	18	3744.0
Download	11	Type 3	9.6	463.0	18	8334.0
Download	12	Type 3	8.2	441.0	17	7497.0
Download	13	Туре З	7.2	323.0	16	5168.0
Download	14	Type 3	9,5	297.0	18	5346, 0
Download	15	Type 3	8.0	412.0	17	7004.0
Download	16	Туре З	10.0	324.0	18	5832.0
Download	17	Туре З	7.4	271.0	17	4607.0
Download	18	Type 3	7.9	349.0	17	5933, 0
Download	19	Type 3	7.3	409.0	16	6544.0
Download	20	Type 3	8. 7	373.0	18	6714.0
Download	21	Type 3	7.2	254.0	16	4064.0
Download	22	Type 3	9.9	274.0	18	4932.0
Download	23	Туре З	7.9	278.0	17	4726.0
Download	24	Type 3	7.5	317.0	17	5389.0
Download	25	Type 3	6. 1	260.0	16	4160.0
Download	26	Type 3	8.8	211.0	18	3798, 0
Download	27	Type 3	9. 7	272.0	18	4896.0
Download	28	Type 3	7, 4	264.0	17	4488.0
Download	29	Туре З	9.2	284.0	18	5112.0



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Number of Pulses	Vaveform Length (us)
Download	0.	Type 4	16.0	355.0	14	4970.0
Download	1	Type 4	11.3	487.0	12	5844.0
Download	2	Type 4	13.5	344.0	13	4472.0
Download	3	Type 4	19.4	288.0	16	4608.0
Download	4	Type 4	17.5	230.0	15	3450, 0
Download	5.	Type 4	15.3	432.0	14	6048.0
Download	6	Type 4	15.9	207.0	14	2898.0
Download	7	Type 4	14.3	443.0	13	5759.0
Download	8:	Type 4	15.8	439.0	14	6146.0
Download	9	Type 4	11.5	223.0	12	2676.0
Download	10	Type 4	17.4	208.0	15	3120.0
Download	11	Type 4	19.0	463.0	16	7408.0
Download	12	Type 4	16.0	441.0	14	6174.0
Download	13	Type 4	13.8	323.0	13	4199.0
Download	14	Type 4	18.9	297.0	16	4752.0
Download	15	Type 4	15.5	412.0	14	5768.0
Download	16	Type 4	19.9	324.0	16	5184.0
Download	17	Type 4	14.1	271.0	13	3523.0
Download	18	Type 4	15.2	349.0	14	4886.0
Download	19	Type 4	13.8	409.0	13	5317.0
Download	20	Type 4	17.1	373.0	15	5595.0
Download	21	Type 4	13.8	254.0	13	3302.0
Download	22	Type 4	19.8	274.0	16	4384, 0
Download	23	Type 4	15.3	278.0	14	3892.0
Download	24	Type 4	14.5	317.0	13	4121.0
Download	25	Type 4	11.3	260.0	12	3120.0
Download	26	Type 4	17.3	211.0	15	3165.0
Download	27	Type 4	19.2	272.0	16	4352.0
Download	28	Type 4	14.2	264.0	13	3432.0
Download	29	Type 4	18.2	284.0	15	4260.0



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	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	0	Type 5	15	0.8000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	636185.0	77.8	13	2	1665.0	1477.0	-
		1	32674.0	51.9	5	1	1074.0	T	-
		2	226294.0	63.8	9	1	1584.0	-	-
		3	417976.0	96.6	19	3	1682.0	1786.0	1843.0
		4	611152.0	85.9	16	3	1795.0	1215.0	1729.0
		5	8789.0	73. 7	12	2	1198.0	1549.0	7
		6	201917.0	77.2	13	2	1837.0	1819.0	-
		7	395530.0	68.4	10	2	1587. 0	1114.0	1
		8	588564.0	76. 7	13	2	2000.0	1155.0	-
		9	783794.0	53.2	6	1	1147.0	П	7
		10	177933.0	85. 7	16	3	1433.0	1695.0	1394.0
		11	370624.0	94.3	19	3	1670.0	1426.0	1935.0
		12	564893.0	77.6	13	2	1294.0	1671.0	-
		13	759583.0	65. 7	10	1	1512.0	7	7
		14	154262.0	93.5	18	3	1444.0	1130.0	1468.0

### Radar Type 5- Radar Waveform-1

		Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
B	Download	1	Type 5	8	1.5000000	12.0000000				
			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	653020.0	75.0	12	2	1880.0	1527. 0	3
			1	1015643.0	99.4	20	3	1401.0	1262.0	1257.0
			2	1379398.0	67.4	10	2	1531.0	1403.0	-
			3	245489.0	73.6	12	2	1449.0	1041.0	-
			4	609113.0	65.9	10	1	1432.0		40.0
			5	970852.0	83.8	15	3	1356.0	1292.0	1419.0
			6	1335913.0	65.5	9	1	1543.0	-1	-
			7	200406.0	98.6	20	3	1548.0	1796.0	1728.0

rial List —									
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	2	Type 5	11.	1.0909091	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Vidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	409565.0	73.8	12	2	1806.0	1538.0	-
		1	673692.0	69.5	11	2	1117.0	1649.0	-
		2	938562.0	51.9	5	1	1651.0	-	-
		3	113209.0	84.6	16	3	1976.0	1032.0	1271.0
		4	376726.0	95.4	19	3	1060.0	1903.0	1388.0
		5	641212.0	68.0	10	2	1368.0	1351.0	-
		6	903714.0	89.6	17	3	1338.0	1514.0	1573.0
		7	80863.0	81.9	15	2	1022.0	1689.0	-
		8	344067.0	88.3	17	3	1810.0	1330.0	1838.0
		9	609331.0	53.7	6	1	1597.0	-	-
		10	871542.0	91.3	18	3	19610	1106.0	10010



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	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	3	Туре 5	20	0.6000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Vidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	26541.0	68.1	10	2	1339.0	1355.0	-
		1	171821.0	58. 7	7	1	1251.0		-
		2	316229.0	75.3	13	2	1136.0	1640.0	=
		3	461864.0	56.4	7	1	1753.0	-	
		4	8677. 0	99. 7	20	3	1196.0	1708.0	1159.0
		5	153995.0	57. 7	7	1	1013.0	-	-
		6	299238.0	59.5	8	1	1072.0	-	-
		7	443177.0	80.0	14	2	1482.0	1369.0	
		8	587671.0	82.0	15	2	1993.0	1197.0	-
	4	9	135674.0	82.8	15	2	1883.0	1005.0	8
		10	279928.0	88.0	17	3	1061.0	1928.0	1101.0
		11	424279.0	93.2	18	3	1207.0	1907.0	1223.0
		12	570132.0	70.4	11	2	1526.0	1360.0	-
		13	117439.0	95.3	19	3	1171.0	1955.0	1775.0
		14	262502.0	81.9	15	2	1690.0	1545.0	-
		15	406573.0	98.5	20	3	1975.0	1169.0	1062.0
		16	553328.0	65.0	9	1	1767. 0		=
		17	99799.0	85.4	16	3	1011.0	1637.0	1425.0
		18	244095.0	91.6	18	3	1878.0	1445.0	1325.0
		19	390012.0	67.3	10	2	1091.0	1218.0	-

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	4	Туре 5	17	0.7058824	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	629614.0	67.9	10	2	1320.0	1133.0	_
		1	96856.0	62.3	8	1	1957.0	-	-
		2	267719.0	53.3	6	1	1592.0	-	-
		3	436784.0	90.0	17	3	1900.0	1153.0	1346.0
		4	608289.0	77.1	13	2	1166.0	1646.0	-
		5	75610.0	83.9	15	3	1278.0	1232.0	1459.0
		6	245638.0	89.1	17	3	1240.0	1384.0	1939.0
		7	416355.0	81.8	15	2	1833.0	1676.0	-
		8	588736,0	50.3	5	1	1075.0	-	-
		9	54571.0	87.1	16	3	1116:0	1996: 0	1756.0
		10	225175.0	71.3	11	2	1225.0	1815.0	-
		11	394825.0	97.5	20	3	1884.0	1465.0	1132.0
		12	565361.0	90.6	17	3	1561.0	1040.0	1354.0
		13	33643.0	86.3	16	3	1596: 0	1183.0	1792.0
		14	203957.0	97.6	20	3	1365.0	1073.0	1361.0
		15	373812.0	84. 7	16	3	1021.0	1718.0	1854.0
		16	544060.0	99.7	20	3	1150.0	1244.0	1988.0



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12

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1568.0

1307.0

1925.0 1846.0

#### Trial List Trial Id Download Pulse Tidth (us) PRI-2 (us) PRI-3 (us) 92.9 1407.0 15438.0 1085.0 1564.0 67.7 10 1744.0 1747.0 65.8 10 1092.0 56.3 1851.0 53. 7 1679.0 1025.0 83.5 15 65.8 1519.0 85.9 16 1134.0 1808.0 1034.0 76.3 1606.0 1926.0 13 81.5 15 1891.0 1714.0 10 1594.0

#### Radar Type 5- Radar Waveform-6

11

63.4

69.6

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	6	Type 5	15	0.8000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	329022.0	96.6	19	3	1182.0	1609.0	1581.0
		1	521718.0	96.7	19	3	1829.0	1799.0	1154.0
		2	714222.0	86.5	16	3	1923.0	1396.0	1865.0
		3	112450.0	73.3	12	2	1908.0	1318.0	-
		4	306283.0	55.8	6	1	1688.0	-	-
		5	500239.0	55.4	6	1	1145.0	-	=
		6	690932.0	85.3	16	3	1336.0	1504.0	1820.0
		7	88645.0	79.4	14	2	1344.0	1893.0	-
		8	282508.0	65.7	10	1	1476.0	-	-
		9	475842.0	68.6	10	2	1008.0	1028.0	=
		10	667887.0	77. 7	13	2	1972.0	1835.0	-
		11	64845.0	79.6	14	2	1882.0	1331.0	-1
		12	257755.0	94.9	19	3	1830.0	1070.0	1349.0
		13	452335.0	61.4	8	1	1451.0	-1	-
		14	643395.0	90.6	17	3	1233.0	1562.0	1887.0



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#### Radar Type 5- Radar Waveform-7

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
ownload	7	Type 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	51446.0	52.6	5	1	1210.0	-	-
		1	292696.0	84.1	15	3	1314.0	1725.0	1529.0
		2	533989.0	97.7	20	3	1139.0	1868.0	1805.0
		3	775564.0	97.3	20	3	1341.0	1446.0	1755.0
		4	21542.0	98.8	20	3	1544.0	1386.0	1302.0
		5	263385.0	72.2	12	2	1771.0	1184.0	-
		6	505581.0	67.6	10	2	1175.0	1027.0	-
		7	747058.0	75. 7	13	2	1026.0	1871.0	-
		8	989976.0	60.9	8	1	1798.0		-
		9	234024.0	64.2	9	1	1138.0	-	-
		10	475207.0	78.8	14	2	1784.0	1604.0	-
		11	715825.0	87.5	16	3	1511.0	1712.0	1683.0

#### Radar Type 5- Radar Waveform-8

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	8	Туре 5	14	0.8571429	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	823112.0	54.1	6	1	1415.0	-	-
		1	174965.0	50. 7	5	1	1221.0	-	-
		2	382216.0	52.3	5	1	1974.0	=	3
		3	587395.0	99.8	20	3	1558.0	1696.0	1949.0
		4	796897.0	68.4	10	2	1014.0	1099.0	-
		5	149042.0	80.8	14	2	1736.0	1505.0	=
		6	356750.0	62.5	9	1	1778.0	-	-
		7	563824.0	74.8	12	2	1149.0	1204.0	-
		8	772314.0	50.8	5	1	1049.0	-	-
		9	123796.0	54.0	6	1	1417.0	-	-
		10	331215.0	63.0	9	1	1730.0	-	-
		11	537402.0	91.8	18	3	1143.0	1270.0	1347. 0
		12	744805.0	79.3	14	2	1274.0	1992.0	-
		13	98172.0	64.3	9	1	1937. 0	2	=

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	9	Туре 5	8	1.5000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	535615.0	63.4	9	1	1043.0	-	-
		1	898668.0	52.0	5	1	1863.0	-	-
		2	1259235.0	97.2	20	3	1973.0	1605.0	1583.0
		3	127106.0	78. 7	14	2	1466.0	1743.0	-
		4	490358.0	74.2	12	2	1280.0	1219.0	-
		5	852409.0	88. 7	17	3	1293.0	1934.0	1273.0
		6	1217152.0	54.3	6	1	1991.0	3	9
		7	82296.0	95.4	19	3	1580.0	1555.0	1791.0
	Download		Download   9   Type 5	Download   9   Type   5   8     Burst   Offset (us)	Triel Id   Madar   Bursts   Period   Cs	Trial Id   Madar Type   Bursts   Period (s)   Length (s)	Trial Id   Radar Type   Bursts   Period (s)   Length (s)	Trial Id   Radar Type   Bursts   Period (s)   Length (s)	Trial Id   Radar Type   Bursts   Period (s)   Length (s)



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#### Radar Type 5- Radar Waveform-10

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	10	Туре 5	17	0.7058824	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	209249.0	73. 7	12	2	1208.0	1497.0	3
		1	378386.0	97.4	20	3	1942.0	1754.0	1613.0
		2	548411.0	91.7	18	3	1999.0	1702.0	1462.0
		3	17733.0	66.2	10	1	1393.0	-	=
	1	4	187952.0	70.8	11	2	1968.0	1821.0	5
		5	359277.0	52.3	5	1	1740.0	-	=
		6	528886.0	78.9	14	2	1308.0	1984.0	
		7	700166.0	70.9	11	2	1050.0	1358.0	-
		8	167197.0	75.6	13	2	1437.0	1430.0	7
		9	338262.0	59. 1	7	1	1697.0	1	-
		10	508324.0	77.0	13	2	1397.0	1304.0	
		11	678689.0	67.9	10	2	1803.0	1083.0	-
	1	12	146031.0	81.2	14	2	1720.0	1932.0	9
		13	316923.0	78. 7	14	2	1247.0	1121.0	=
		14	488056.0	63.3	9	1	1634.0		
		15	657326.0	68.9	11	2	1849.0	1423.0	=
		16	125509.0	59.3	7	1	1093.0	-	

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	11	Type 5	19	0.6315789	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	263736.0	98.9	20	3	1381.0	1680.0	1488.0
		1	416459.0	82.3	15	2	1716.0	1855.0	-
		2	567902.0	86. 7	16	3	1211.0	1400.0	1919.0
		3	92979.0	89. 7	17	3	1861.0	1068.0	1282.0
	1	4	245155.0	98.6	20	3	1507.0	1194.0	1461.0
		5	397609.0	71.1	11	2	1921.0	1789.0	=
		6	551431.0	55.9	6	1	1947.0	-	=
		7	74413.0	67.9	10	2	1350.0	1372.0	=
		8	226559.0	84.4	16	3	1203.0	1107.0	1443.0
		9	380056.0	58.8	7	1	1715.0	-	-
		10	533408.0	65.6	9	1	1017.0	-	-
		11	55547.0	78.5	14	2	1911.0	1704.0	-
	1	12	207876.0	82.3	15	2	1845.0	1686.0	3
		13	359771.0	90.1	17	3	1938.0	1071.0	1266.0
		14	511297.0	90.2	17	3	1989.0	1089.0	1950.0
		15	36803.0	83. 1	15	2	1943.0	1406.0	-
		16	189652.0	58.8	7	1	1742.0	-	-
		17	341809.0	77. 0	13	2	1187.0	1657.0	=
		18	495737.0	55.0	6	1	1012.0	-	-



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Radar Type 5- Radar Waveform-12

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)					
Download	12	Туре 5	15	0.8000000	12.0000000					
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
		0	22911.0	58.1	7	1	1929.0	-	-	
		1	216473.0	52.1	5	1	1910.0	-	-	
		2	410004.0	59.9	8	1	1971.0	-	-	
		3	603671.0	60.2	8	1	1812.0	-	=1	
		4	794160.0	95.9	19	3	1399.0	1906.0	1608.0	
		5	192251.0	79.9	14	2	1626.0	1859.0	-	
		6	385590.0	78.5	14	2	1238.0	1917.0	-	
		7	579862.0	53.8	6	1	1763.0	-	-	
		8	773423.0	64. 7	9	1	1800.0	-	-	
		9	168898.0	61.4	8	1	1390.0	-	-	
		10	361606.0	83. 2	15	2	1692.0	1858.0	-	
		11	553866.0	84. 7	16	3	1533.0	1677.0	1638.0	
		12	747241.0	88. 7	17	3	1703.0	1528.0	1058.0	
		13	144710.0	78.3	14	2	1258.0	1951.0	-	
		14	337856.0	69.3	11	2	1731.0	1717.0	-	

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	13	Type 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	664275.0	75.3	13	2	1994.0	1612.0	-
		1	907886.0	56.3	7	1	1456.0	-	-
		2	151316.0	67. 7	10	2	1617.0	1185.0	-
		3	393746.0	55.6	6	1	1337. 0	-	-1
	1	4	635093.0	75.2	13	2	1421.0	1267.0	-
		5	876993.0	76.3	13	2	1359.0	1305.0	-
		6	121278.0	85. 7	16	3	1547.0	1362.0	1924.0
		7	362696.0	98.4	20	3	1873.0	1550.0	1249.0
		8	604342.0	86.4	16	3	1779.0	1439.0	1046.0
		9	846453.0	93.6	18	3	1059.0	1031.0	1452.0
		10	91871.0	63.3	9	1	1328.0	=	-
	1	11	333050.0	92.4	18	3	1412.0	1673.0	1322.0



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#### Radar Type 5- Radar Waveform-14

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	14	Type 5	19	0.6315789	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	361323.0	93.3	18	3	1983.0	1912.0	1535.0
		1	515261.0	69.1	11	2	1102.0	1794.0	-
		2	39025.0	86.9	16	3	1044.0	1152.0	1148.0
		3	190900.0	84.9	16	3	1894.0	1948.0	1118.0
		4	343941.0	72.3	12	2	1094.0	1916.0	-
		5	497624.0	51.7	5	1	1447.0	-	-
		6	20319.0	58.3	7	1	1429.0	-	-
		7	172999.0	60.8	8	1	1979.0	-1	-
		8	325872.0	57.1	7	1	1641.0	-	-
		9	475841.0	88.9	17	3	1886.0	1964.0	1489.0
		10	1489.0	72.0	12	2	1909.0	1297.0	-
		11	153647.0	90.9	18	3	1261.0	1566.0	1370.0
	1	12	307096.0	59.8	8	1	1552.0		
		13	458804.0	70.0	11	2	1759.0	1291.0	-
		14	610798.0	67.2	10	2	1625.0	1881.0	3
		15	134759.0	91.2	18	3	1382.0	1832.0	1661.0
		16	288306.0	56.5	7	1	1483.0	-	
		17	441296.0	51.2	5	1	1237. 0	-	-
		18	592780.0	74.1	12	2	1471.0	1245.0	-

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	15	Туре 5	14	0.8571429	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	158286.0	76.9	13	2	1110.0	1140.0	-
		1	366024.0	50.2	5	1	1316.0	-	=
		2	573452.0	62.9	9	1	1520.0	-	-
		3	780619.0	64. 7	9	1	1902.0	-	4
		4	132455.0	83.8	15	3	1410.0	1097.0	1621.0
		5	340207.0	65.4	9	1	1944.0	-	=
		6	548208.0	53. 2	6	1	1024.0	-	
		7	755333. 0	51.7	5	1	1603.0	-1	=
		8	107117.0	78. 7	14	2	1804.0	1168.0	-
		9	314500.0	72.4	12	2	1030.0	1343.0	-
		10	522447.0	53.8	6	1	1327.0	-	-
		11	728517.0	73.6	12	2	1524.0	1553.0	=
		12	81611.0	66. 7	10	2	1722.0	1122.0	
		13	288948.0	82.5	15	2	1404.0	1019.0	



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	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	16	Type 5	20	0.6000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	345766.0	87.6	17	3	1565.0	1055.0	1840.0
		1	490019.0	85.2	16	3	1735.0	1541.0	1408.0
		2	39073.0	84.8	16	3	1534.0	1889.0	1463.0
		3	183923.0	77.9	13	2	1749.0	1460.0	-
	1	4	328777.0	76.5	13	2	1518.0	1485.0	
		5	474728.0	60.9	8	1	1540.0	-	-
		6	21394.0	83.0	15	2	1080.0	1010.0	
		7	165992.0	80.4	14	2	1824.0	1752.0	=
		8	310973.0	67.5	10	2	1764.0	1181.0	3
		9	456884.0	62. 1	8	1	1495.0	-1	-
		10	3515.0	86.4	16	3	1773.0	1966.0	1263.0
		11	147928.0	84. 3	15	3	1593.0	1188.0	1788.0
_		12	293225.0	76.9	13	2	1226.0	1537.0	3
		13	436922.0	95.8	19	3	1192.0	1298.0	1844.0
		14	584015.0	55.2	6	1	1644.0	-	-
		15	130832.0	59.0	7	1	1402.0	-	-
		16	274684.0	94.5	19	3	1296.0	1700.0	1283.0
		17	418579.0	91.9	18	3	1970.0	1978.0	1165.0
		18	563464.0	85.2	16	3	1732.0	1551.0	1189.0
		19	112787.0	69.5	11	2	1038.0	1224.0	-

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	17	Туре 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	429224.0	86.4	16	3	1259.0	1918.0	1455.0
		1	670241.0	92.2	18	3	1598.0	1719.0	1895.0
		2	912880.0	80.4	14	2	1816.0	1899.0	3
		3	158603.0	54.3	6	1	1335.0	-	-
		4	400824.0	53.1	5	1	1303.0	8	-
		5	641915.0	69.4	11	2	1503.0	1546.0	4
		6	883823.0	69.1	11	2	1279.0	1639.0	-
		7	128373.0	100.0	20	3	1375.0	1438.0	1595.0
		8	370379.0	79.6	14	2	1239.0	1705.0	3
		9	611194.0	88.4	17	3	1374.0	1579.0	1623.0
		10	855665.0	53.3	6	1	1016.0	-	-
		11	98897.0	65.3	9	1	1709.0	-	-1



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1525.0

1234.0 1047.0 1036.0

1109.0

#### Trial List Trial Id Download Pulse Tidth (us) PRI-2 (us) PRI-3 (us) 55.3 292143.0 1920.0 58.3 1797.0 72.3 1610.0 84.8 1131.0 1761.0 82.5 1431.0 15 1095.0 63.3 80.0 1119.0 1913.0 90.3 1853.0 17 1660.0 1123.0 91.1 18 1539.0 1783.0 1172.0

#### Radar Type 5- Radar Waveform-19

19

14

96.6

50. 7

78.4

215435.0

10 11

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	19	Туре 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	733725.0	88.6	17	3	1501.0	1067.0	1927.0
		1	977882.0	57.4	7	1	1723.0	-	=
		2	221197.0	96.6	19	3	1086.0	1658.0	1324.0
		3	462915.0	69. 7	11	2	1751.0	1945.0	=
	1	4	705071.0	77.9	13	2	1642.0	1317.0	-
		5	947923.0	62.0	8	1	1866.0	-	=
		6	191373.0	88.4	17	3	1997.0	1077.0	1366.0
		7	432561.0	97.3	20	3	1790.0	1896.0	1367 0
		8	674004.0	96.2	19	3	1391.0	1787.0	1672.0
		9	915842.0	95. 4	19	3	1020.0	1892.0	1414.0
		10	162176.0	54.8	6	1	1084.0	-	-
		11	403553.0	80.4	14	2	1850.0	1436.0	-



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	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)					
Download	20	Туре 5	16	0.7500000	12.0000000					
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
		0	483470.0	74. 7	12	2	1619.0	1611.0	-	
		1	666072.0	57.1	7	1	1560.0	=	=	
		2	98810.0	91.9	18	3	1392.0	1475.0	1276.0	
		3	279914.0	83. 1	15	2	1809.0	1772.0	-	
		4	462536.0	50. 7	5	1	1003.0	-	-	
		5	642324.0	79.2	14	2	1574.0	1600.0	-	
		6	76831.0	58. 7	7	1	1186.0	-	-	
		7	257785.0	71.0	11	2	1521.0	1567. 0	-	
		8	438554.0	79.0	14	2	1777.0	1960.0	-	
		9	620397.0	68.5	10	2	1284.0	1428.0	-	
		10	54310.0	73.5	12	2	1904.0	1352.0		
		11	235506.0	70.5	11	2	1864.0	1115.0	-	
		12	417036.0	76.6	13	2	1045.0	1300.0	-	
		13	597974.0	81.2	14	2	1160.0	1675.0	-	
		14	32086.0	61.8	8	1	1277.0	-		
		15	212751.0	94.9	19	3	1450.0	1206.0	1860.0	

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	21	Туре 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	526149.0	78.5	14	2	1653.0	1698.0	-
		1	767135.0	89.8	17	3	1174.0	1962.0	1167. 0
		2	12955.0	59.4	8	1	1982.0	-	-
		3	254612.0	79.6	14	2	1633.0	1890.0	-
		4	496588.0	76.0	13	2	1112.0	1811.0	-1
		5	739728.0	53.6	6	1	1144.0	-	=
		6	980872.0	80.9	14	2	1220.0	1053.0	-
		7	225249.0	61.6	8	1	1724.0	-	=
		8	467279.0	53.4	6	1	1901.0	-	-
		9	709720.0	59.9	8	1	1379.0	-	-
		10	951847.0	60.4	8	1	1453.0	_	-
		11	194839.0	91.4	18	3	1768.0	1726.0	1227. 0



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	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	22	Туре 5	20	0.6000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
	1	0	261858.0	77.0	13	2	1191.0	1363.0	-
		1	407646.0	58. 1	7	1	1248.0	d	-
		2	552319.0	62.1	8	1	1836.0	ā	-
		3	99107.0	76.9	13	2	1334.0	1236.0	-
	4	4	243514.0	80.0	14	2	1914.0	1852.0	
		5	389464.0	52.0	5	1	1701.0	-	-
		6	531093.0	88.6	17	3	1693.0	1995.0	1905.0
		7	81159.0	72.9	12	2	1922.0	1387. 0	-
		8	225245.0	98.5	20	3	1839.0	1746.0	1389.0
		9	371906.0	57.9	7	1	1193.0	=1	-
		10	514197.0	95.9	19	3	1659.0	1870.0	1066.0
		11	63561.0	53.5	6	1	1162.0	=	-
		12	207510.0	92.0	18	3	1745.0	1654.0	1458.0
		13	353638.0	57.3	7	1	1834.0	-	-
		14	497515.0	70.5	11	2	1684.0	1586.0	-
		15	45553, 0	70.0	11	2	1042.0	1664.0	-
		16	189821.0	84.0	15	3	1765.0	1630.0	1176.0
		17	335330.0	76. 1	13	2	1557. 0	1057.0	-
		18	478825.0	93.2	18	3	1985.0	1018.0	1340.0
		19	27594.0	96.8	19	3	1760.0	1614.0	18170

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	23	Туре 5	14	0.8571429	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	247117.0	50.1	5	1	1841.0	-	-
		1	453362.0	93.5	18	3	1590.0	1081.0	1413.0
		2	660875.0	68.8	11	2	1707.0	1577.0	-
		3	14140.0	56.3	7	1	1056.0	-1	-1
	1	4	220734.0	86.0	16	3	1953.0	1108.0	1987.0
		5	428367.0	75.2	13	2	1572.0	1536.0	-
		6	636681.0	54.4	6	1	1517.0	=	-
		7	843157.0	71. 1.	11	2	1329.0	1243.0	-
		8	195585.0	76.2	13	2	1940.0	1770.0	_
		9	403231.0	80.2	14	2	1098.0	1209.0	-1
		10	610202.0	79. 7	14	2	1588.0	1214.0	3
		11	815229.0	90.9	18	3	1615.0	1862.0	1601.0
		12	170267.0	68. 7	10	2	1377.0	1441.0	-
		13	377306.0	67.4	10	2	1872.0	1313.0	



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	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)					
Download	24	Туре 5	13	0.9230769	12.0000000					
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)	
		0	628071.0	94.0	19	3	1643.0	1748.0	1941.0	
		1	853391.0	70.8	11	2	1177.0	1201.0	-	
		2	156223.0	56.3	7	1	1006.0	-		
		3	378734.0	96.7	19	3	1230.0	1163.0	1332.0	_
		4	601331.0	90.6	17	3	1217.0	1582.0	1498.0	_
		5	825462.0	74.5	12	2	1569.0	1281.0	4	
		6	128265.0	92.6	18	3	1065.0	1669.0	1222.0	
		7	351161.0	89.0	17	3	1493.0	1135.0	1380.0	Т
		8	573425.0	96.5	19	3	1607.0	1822.0	1602.0	
		9	798431.0	70.5	11	2	1141.0	1178.0	-	
		10	100737.0	94.0	19	3	1009.0	1629.0	1956.0	
		11	324661.0	55.8	6	1	1290.0	-1	-	
		12	546278.0	87.7	17	3	1435.0	1963.0	1164.0	Т

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	25	Туре 5	8	1.5000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	1253842.0	68.6	10	2	1306.0	1161.0	-
		1	119486.0	83.1	15	2	1420.0	1315.0	=
		2	482958.0	60.9	8	1	1687.0	-	-
		3	845641.0	77. 7	13	2	1776.0	1158.0	-
		4	1208428.0	77.4	13	2	1793.0	1510.0	-
		5	74748.0	66.8	10	2	1576.0	1323.0	-
		6	438300.0	63. 7	9	1	1333.0	-	-
		7	800152.0	91.2	18	3	1409.0	1681.0	1275.0



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#### Radar Type 5- Radar Waveform-26

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	26	Туре 5	17	0.7058824	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	545865.0	83.6	15	3	1632.0	1195.0	1000.0
		1	14067.0	89.4	17	3	1173.0	1627.0	1656.0
		2	184953.0	55.8	6	1	1532.0	-	
		3	353759.0	90.9	18	3	1981.0	1554.0	1998.0
	1	4	526388.0	54. 7	6	1	1825.0		-10-
		5	694806.0	97.7	20	3	1734.0	1202.0	1250.0
		6	163568.0	67.5	10	2	1571.0	1434.0	=
		7	333410.0	96.7	19	3	1589, 0	1469.0	1268.0
		8	504006.0	68.3	10	2	1750.0	1954.0	-
		9	675297.0	78.3	14	2	1591.0	1082.0	-
		10	142890.0	55.0	6	1	1427.0	1	3
		11	312479.0	84.9	16	3	1129.0	1936.0	1199.0
	1	12	482953.0	74.6	12	2	1959.0	1856.0	-10
		13	655022.0	63.3	9	1	1885.0	=	=
		14	121457.0	99.8	20	3	1035.0	1515.0	1120.0
		15	292606.0	63.6	9	1	1647 0	=	=
		16	461322.0	87.3	16	3	1931.0	1051.0	1831.0

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Taveform Length (s)				
Download	27	Type 5	19	0.6315789	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	565136.0	85.6	16	3	1946.0	1078.0	1015.0
		1	89970.0	68.6	10	2	1029.0	1780.0	-
		2	243121.0	54.2	6	1	1111.0	=	-
		3	396034.0	61.2	8	1	1104.0	=	
		4	546225.0	97.1	20	3	1157.0	1969.0	1100.0
		5	70998.0	98.3	20	3	1142.0	1699.0	1622.0
		6	224093.0	62.4	8	1	1655.0	=	-
		7	376127.0	80.2	14	2	1126.0	1769.0	-1
		8	527806.0	87.5	17	3	1216.0	1448.0	1179.0
		9	52247.0	85.8	16	3	1847. 0	1348.0	1472.0
		10	204582.0	88. 1	17	3	1023.0	1124.0	1631.0
		11	357941.0	65.3	9	1	1848.0	-	-
		12	510977.0	52.5	5	1	1470.0	3	-
		13	33698.0	52.3	5	1	1312.0	-	-
		14	186023.0	74. 1	12	2	1915.0	1200.0	-
		15	339327.0	54.9	6	1	1479.0	-1	-
		16	491053.0	76.2	13	2	1376.0	1502.0	_
		17	14858, 0	60.4	8	1	1758.0	-1	-
		18	167387.0	81.5	15	2	1491.0	1103.0	-



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#### Radar Type 5- Radar Waveform-28

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	28	Туре 5	12	1.0000000	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Tidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	507709.0	50.5	5	1	1857.0	-	-
		1	750249. 0	55. 7	6	1	1246.0	-	-
		2	989003.0	85.8	16	3	1774.0	1002.0	1967.0
		3	235634.0	76.9	13	2	1125.0	1474.0	=
	1	4	477675.0	75. 1	13	2	1254.0	1052.0	3
		5	718312.0	92.3	18	3	1180.0	1486.0	1492.0
		6	960895.0	78.1	14	2	1301.0	1757.0	-
		7	205370.0	92.2	18	3	1898.0	1252.0	1713.0
		8	446940.0	89.0	17	3	1260.0	1706.0	1411.0
		9	689225.0	70.9	11	2	1578.0	1620.0	-
		10	932305.0	63.1	9	1	1782.0	-	-
		11	176231.0	55.3	6	1	1522.0	-	=

	Trial Id	Radar Type	Humber of Bursts	Burst Period (s)	Taveform Length (s)				
Download	29	Type 5	18	0.6666667	12.0000000				
		Burst ID	Burst Offset (us)	Pulse Tidth (us)	Chirp Vidth (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)	PRI-3 (us)
		0	277485.0	83.4	15	3	1454.0	1205.0	1801.0
		1	437880.0	97.3	20	3	1319.0	1826.0	1635.0
		2	598445.0	90.4	17	3	1079.0	1986.0	1674.0
		3	97088.0	91.8	18	3	1563.0	1151.0	1802.0
		4	2572510	98.2	20	3	1876.0	1977.0	1766.0
		5	419893,0	59.5	8	1 -	1952.0	-	-
		6	580724.0	80.0	14	2	1253.0	1137.0	_
		7	77366, 0	86.5	16	3	1054.0	1128.0	1828.0
		8	238032.0	91.1	18	3	1105.0	1599.0	1442.0
		9	398605.0	93.5	18	3	1867.0	1373.0	1087.0
		10	562025.0	60. 7	8	1	1033.0	-	-
		11	57684.0	67.2	10	2	1288.0	1405.0	-
		12	219083.0	61.8	8	1	1585.0	-	+
		13	379234, 0	79.4	14	2	1933.0	1667.0	-
		14	540896, 0	81.4	15	2	1096.0	1464.0	-
		15	37916.0	65. 7	10	1	1496.0	-	-
		16	198794.0	76.0	13	2	1733.0	1255.0	-
		17	359754.0	81.0	14	2	1326.0	1668.0	-



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	0	Type 6	1.0	333.3	9	0. 3333	300,0000000	32
		Frequency List (MHz)	0	1	2	3	4	
		0	5364	5717	5334	5705	5549	
		5	5312	5260	5635	5503	5570	
		10	5347	5508	5292	5447	5588	
		15	5621	5638	5296	5482	5455	
		20	5636	5593	5434	5306	5411	
		25	5556	5378	5478	5432	5341	
		30	5438	5294	5496	5285	5327	
		35	5293	5502	5277	5403	5330	
		40	5612	5720	5544	5615	5561	
		45	5676	5704	5366	5290	5387	
		50	5278	5723	5383	5368	5263	
		55	5630	5375	5718	5281	5604	
		60	5453	5509	5479	5400	5262	
		65	5354	5467	5545	5466	5611	
		70	5715	5402	5568	5641	5396	
		75	5567	5557	5674	5359	5392	
		80	5313	5537	5258	5475	5272	
		85	5388	5474	5555	5410	5355	
		90	5517	5382	5386	5664	5697	
		95	5721	5268	5489	5706	5525	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
9	Download	1	Туре б	1.0	333.3	9	0.3333	300,0000000	27
Ī			Frequency List (MHz)	0	1	2	3	4	
			0	5619	5578	5270	5294	5354	
			5	5660	5710	5666	5399	5656	
			10	5297	5333	5642	5609	5709	
			15	5668	5527	5647	5547	5284	
			20	5375	5395	5384	5444	5705	
			25	5584	5536	5480	5658	5453	
			30	5403	5576	5588	5641	5465	
			35	5674	5580	5623	5559	5627	
			40	5553	5704	5673	5633	5724	
			45	5373	5348	5331	5513	5637	
			50	5544	5314	5585	5697	5257	
			55	5672	5471	5423	5424	5638	
			60	5644	5345	5569	5655	5413	_
			65	5271	5415	5550	5371	5335	
			70	5382	5416	5533	5706	5558	
			75	5535	5692	5256	5436	5716	
		4.	80	5385	5669	5458	5349	5456	
			85	5336	5634	5703	5352	5280	
			90	5506	5313	5690	5326	5631	
			95	5628	5546	5289	5490	5590	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	2	Type 6	1.0	333.3	9	0. 3333	300,0000000	25
		Frequency List (MHz)	0	1	2	3	4	
		0	5302	5342	5681	5455	5611	
		5	5493	5682	5310	5257	5606	
		10	5587	5561	5374	5362	5630	
		15	5322	5320	5502	5475	5364	
		20	5555	5353	5316	5387	5357	
		25	5332	5654	5312	5262	5409	
		30	5522	5547	5410	5618	5253	
		35	5311	5683	5556	5470	5258	
		40	5537	5398	5710	5491	5469	
		45	5670	5465	5704	5456	5406	
		50	5384	5400	5513	5720	5365	
		55	5296	5276	5641	5445	5626	
		60	5564	5620	5395	5334	5290	
		65	5401	5578	5359	5569	5586	
		70	5282	5649	5407	5368	5647	
		75	5643	5509	5592	5675	5678	
		80	5581	5275	5381	5512	5600	1
		85	5304	5382	5389	5458	5666	
		90	5419	5642	5350	5526	5519	
		95	5709.	5692	5418	5653	5354	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	3	Туре б	1.0	333.3	9	0.3333	300,0000000	33
		Frequency List (MHz)	0	1	2	3	4	
		0	5557	5581	5617	5616	5356	
		5	5535	5704	5385	5420	5338	
		10	5518	5350	5415	5651	5313	
		15	5447	5605	5520	5653	5563	
		20	5519	5257	5476	5330	5598	
		25	5506	5515	5366	5443	5661	
		30	5533	5367	5358	5502	5606	
		35	5347	5647	5266	5411	5451	
		40	5334	5332	5709	5667	5394	
		45	5684	5539	5464	5437	5665	
		50	5389	5421	5416	5574	5488	
		55	5536	5580	5279	5439	5324	
		60	5499	5710	5708	5404	5305	
		65	5295	5525	5589	5359	5452	
		70	5576	5272	5492	5388	5551	
		75	5547	5323	5724	5256	5721	
		80	5293	5379	5584	5361	5508	
		85	5479	5693	5341	5655	5715	
		90	5629	5494	5401	5637	5423	
		95	5280	5316	5662	5281	5649	



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#### Trial List Pulse Vidth (us) Hopping Radar Pulses Trial Id PRI (us) Rate (kHz) Frequency Humber Туре per Hop Download 300,0000000



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	5	Туре б	1.0	333.3	9	0.3333	300,0000000	30
		Frequency List (MHz)	0	1	2	3	4	
		0	5592	5584	5489	5463	5418	
		5	5619	5651	5535	5271	5374	
		10	5283	5500	5594	5375	5693	
		15	5604	5714	5610	5562	5482	
		20	5279	5711	5557	5276	5277	
		25	5307	5446	5574	5414	5270	
		30	5408	5281	5691	5428	5624	
		35	5625	5354	5430	5339	5376	
		40	5487	5581	5683	5617	5630	
		45	5644	5705	5483	5342	5519	
		50	5298	5518	5563	5598	5437	
		55	5391	5659	5455	5686	5582	
		60	5697	5469	5628	5294	5319	
		65	5597	5631	5521	5436	5423	
		70	5278	5665	5340	5485	5466	
		75	5438	5315	5275	5614	5330	
		80	5520	5590	5596	5264	5289	
		85	5405	5646	5526	5346	5676	
		90	5267	5539	5349	5600	5258	
		95	5671	5533	5345	5587	5523	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
3	Download	6	Туре б	1.0	333.3	9	0.3333	300,0000000	33
			Frequency List (MHz)	0	1	2	3	4	
			0	5372	5348	5425	5624	5260	
			5	5283	5576	5610	5434	5581	
			10	5689	5289	5635	5570	5714	
			15	5577	5256	5342	5558	5279	
			20	5490	5652	5549	5724	5640	
			25	5634	5552	5300	5448	5409	
			30	5297	5713	5431	5580	5444	
			35	5667	5445	5701	5492	5290	
			40	5326	5286	5621	5382	5280	
			45	5559	5313	5541	5499	5704	
			50	5395	5474	5569	5274	5421	
			55	5698	5625	5345	5374	5657	
			60	5711	5519	5642	5301	5454	
		1	65	5715	5520	5536	5366	5413	
			70	5414	5378	5417	5316	5428	
			75	5357	5586	5484	5296	5430	
			80	5627	5684	5653	5273	5606	
			85	5465	5363	5491	5352	5355	
			90	5518	5631	5688	5588	5329	
			95	5485	5502	5590	5390	5531	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Down	oad 7	Туре б	1.0	333.3	9	0.3333	300,0000000	27
		Frequency List (MHz)	0	1	2	3	4	
		0	5530	5587	5361	5310	5480	
		5	5325	5598	5685	5500	5410	
		10	5523	5553	5676	5290	5260	
		15	5568	5383	5445	5603	5471	
		20	5498	5514	5690	5638	5697	
		25	5431	5583	5280	5404	5482	
		30	5451	5661	5670	5646	5354	
		35	5642	5331	5633	5594	5267	
		40	5301	5640	5369	5559	5622	
		45	5277	5391	5507	5396	5502	
		50	5552	5494	5271	5650	5620	
		55	5363	5719	5545	5338	5299	
		60	5564	5628	5268	5684	5608	
		65	5283	5343	5584	5572	5673	
		70	5683	5517	5492	5381	5266	
		75	5292	5387	5326	5706	5627	
		80	5682	5262	5367	5276	5716	
		85	5270	5511	5428	5458	5359	
		90	5351	5600	5285	5394	5571	
		95	5400	5265	5327	5643	5313	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	8	Type 6	1.0	333.3	9	0.3333	300,0000000	33
		Frequency List (MHz)	0	1	2	3	4	
		0	5310	5351	5297	5374	5322	
		5	5367	5523	5285	5663	5617	
		10	5454	5342	5717	5485	5281	
		15	5656	5510	5548	5648	5409	
		20	5680	5631	5630	5670	5319	
		25	5435	5483	5508	5516	5493	
		30	5647	5627	5386	5506	5462	
		35	5470	5724	5390	5420	5690	
		40	5576	5452	5497	5387	5274	
		45	5320	5487	5479	5560	5605	
		50	5381	5622	5671	5445	5489	
		55	5526	5253	5279	5502	5397	
		60	5629	5440	5678	5704	5544	
		65	5533	5608	5408	5478	5655	
		70	5481	5590	5268	5346	5673	
		75	5254	5295	5258	5459	5372	
		80	5623	5401	5267	5706	5545	
		85	5488	5650	5324	5305	5373	
		90	5559	5464	5660	5344	5698	
		95	5394	5378	5363	5321	5311	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	9	Туре б	1.0	333.3	9	0.3333	300,0000000	30
		Frequency List (MHz)	0	1	2	3	4	
		0	5565	5590	5708	5535	5542	
		5	5409	5545	5360	5351	5349	
		10	5288	5606	5283	5583	5302	
		15	5269	5637	5554	5693	5380	
		20	5417	5274	5572	5719	5643	
		25	5682	5287	5686	5612	5550	
		30	5632	5536	5584	5504	5280	
		35	5660	5512	5340	5661	5573	
		40	5604	5415	5435	5530	5271	
		45	5627	5467	5562	5618	5658	
		50	5646	5401	5527	5722	5541	
		55	5268	5336	5714	5372	5473	
		60	5526	5539	5574	5369	5650	
		65	5367	5482	5547	5715	5370	
		70	5598	5252	5464	5484	5439	
		75	5622	5305	5642	5374	5341	
		80	5711	5385	5404	5264	5523	
		85	5448	5326	5451	5270	5667	
		90	5356	5621	5303	5724	5470	
		95	5639	5386	5361	5278	5378	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	10	Туре б	1.0	333. 3	9	0.3333	300, 0000000	37
		Frequency List (MHz)	0	1	2	3	4	
		0	5345	5354	5644	5696	5384	
		5	5548	5470	5435	5514	5653	
		10	5694	5492	5324	5303	5323	
		15	5357	5667	5657	5641	5572	
		20	5425	5440	5610	5711	5616	
		25	5473	5414	5338	5584	5674	
		30	5541	5719	5432	5480	5651	
		35	5431	5457	5348	5615	5254	
		40	5715	5373	5295	5365	5556	
		45	5447	5645	5579	5533	5277	
		50	5703	5298	5252	5566	5280	
		55	5330	5636	5562	5403	5444	
		60	5655	5704	5519	5676	5427	
		65	5596	5568	5583	5450	5640	
		70	5304	5421	5547	5288	5598	
		75	5264	5494	5484	5695	5488	
		80	5495	5660	5293	5527	5639	
		85	5718	5351	5643	5511	5462	
		90	5632	5310	5394	5501	5476	
		95	5576	5327	5378	5333	5362	



#### Page 70 of 89 Radar Type 6- Radar

Waveform-11

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#### Trial Liet

	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Humber
Download	11	Туре б	1.0	333.3	9	0.3333	300,0000000	36
		Frequency List (MHz)	0	1	2	3	4	
		0	5503	5593	5580	5382	5604	
		5	5590	5492	5510	5385	5625	
		10	5281	5365	5498	5344	5348	
		15	5319	5285	5686	5386	5336	
		20	5509	5551	5325	5589	5361	
		25	5563	5520	5442	5618	5716	
		30	5411	5459	5681	5300	5315	
		35	5522	5350	5501	5529	5568	
		40	5323	5689	5535	5362	5485	
		45	5427	5253	5637	5667	5628	
		50	5404	5349	5341	5389	5602	
		55	5518	5277	5697	5415	5309	
		60	5394	5464	5508	5639	5391	
		65	5380	5282	5532	5582	5493	
		70	5533	5587	5515	5574	5698	
		75	5483	5614	5530	5676	5265	
		80	5605	5441	5360	5636	5438	
		85	5351	5474	5654	5500	5642	
		90	5321	5579	5482	5610	5684	
		95	5388	5443	5547	5581	5527	



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#### Waveform-12

	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Humber
Downlo	ad 12	Туре б	1.0	333.3	9	0. 3333	300,0000000	38
		Frequency List (MHz)	0	1	2	3	4	
		0	5283	5357	5516	5543	5446	
		5	5632	5417	5585	5268	5592	
		10	5459	5545	5406	5693	5365	
		15	5436	5388	5256	5578	5344	
		20	5675	5492	5317	5562	5627	
		25	5512	5723	5546	5652	5380	
		30	5300	5455	5674	5358	5498	
		35	5454	5710	5621	5654	5443	
		40	5504	5678	5359	5407	5336	
		45	5695	5720	5685	5580	5400	
		50	5430	5687	5706	5544	5467	
		55	5419	5289	5438	5559	5506	
		60	5340	5554	5329	5558	5327	
		65	5385	5662	5519	5590	5364	
		70	5550	5657	5355	5259	5673	
		75	5420	5618	5697	5524	5275	
		80	5633	5254	5424	5534	5274	
		85	5465	5315	5415	5269	5488	
		90	5547	5566	5616	5509	5427	
		95	5445	5560	5636	5347	5432	



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#### Trial List Pulse Vidth (us) Hopping Rate (kHz) Radar Pulses Trial Id PRI (us) Frequency Humber Туре per Hop Download 300,0000000 Type 6



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	14	Туре б	1.0	333.3	9	0.3333	300,0000000	28
		Frequency List (MHz)	0	1	2	3	4	
		0	5318	5360	5388	5390	5508	
		5	5338	5364	5260	5594	5628	
		10	5321	5598	5585	5511	5407	
		15	5612	5700	5497	5724	5487	
		20	5263	5435	5471	5398	5306	
		25	5691	5654	5279	5720	5464	
		30	5650	5369	5532	5284	5516	
		35	5635	5417	5310	5582	5368	
		40	5657	5669	5503	5683	5353	
		45	5553	5270	5502	5714	5351	
-		50	5362	5634	5457	5608	5711	
		55	5337	5607	5452	5372	5706	
		60	5599	5414	5396	5576	5303	
		65	5574	5616	5702	5533	5534	
-		70	5489	5466	5428	5588	5693	
		75	5537	5478	5293	5402	5387	
-		80	5716	5449	5266	5259	5377	
		85	5401	5627	5645	5632	5583	
_		90	5557	5561	5298	5320	5339	
		95	5597	5518	5708	5262	5543	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Humber
Download	15	Type 6	1.0	333. 3	9	0. 3333	300, 0000000	37
		Frequency List (MHz)	0	1	2	3	4	
		0	5573	5599	5324	5551	5253	
		5	5380	5386	5335	5660	5360	
		10	5630	5484	5626	5706	5428	
		15	5603	5255	5600	5294	5679	
		20	5271	5504	5412	5487	5481	
		25	5669	5640	5382	5480	5279	
		30	5506	5539	5326	5272	5533	
		35	5336	5299	5508	5581	5260	
	1	40	5282	5496	5277	5441	5448	
		45	5447	5482	5250	5585	5297	
		50	5404	5627	5510	5633	5553	
		55	5319	5534	5659	5320	5406	
		60	5562	5351	5677	5579	5438	
		65	5408	5604	5520	5342	5651	
		70	5569	5366	5284	5647	5500	
		75	5574	5318	5289	5381	5437	
		80	5522	5530	5697	5701	5376	
		85	5515	5444	5561	5624	5365	
		90	5535	5278	5641	5371	5587	
		95	5357	5552	5493	5560	5608	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	16	Туре б	1.0	333. 3	9	0.3333	300,0000000	35
		Frequency List (MHz)	0	1	2	3	4	
	1	0	5256	5460	5260	5615	5570	
		5	5422	5311	5410	5348	5567	
		10	5561	5273	5667	5426	5449	
		15	5691	5382	5703	5339	5396	
		20	5279	5670	5353	5479	5454	
		25	5557	5492	5488	5584	5313	
		30	5645	5525	5283	5487	5685	
		35	5534	5341	5599	5377	5413	
		40	5671	5335	5360	5379	5591	
		45	5444	5411	5705	5668	5258	
		50	5457	5514	5289	5334	5604	
		55	5408	5357	5603	5263	5655	
		60	5548	5551	5269	5383	5715	
		65	5527	5466	5640	5600	5508	
		70	5576	5651	5450	5669	5560	
		75	5321	5613	5609	5642	5678	
		80	5478	5486	5296	5608	5624	
		85	5524	5438	5364	5580	5470	
		90	5606	5325	5555	5489	5375	
		95	5480	5674	5663	5282	5573	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
3	Download	17	Туре б	1.0	333.3	9	0.3333	300,0000000	37
ĺ			Frequency List (MHz)	0	1	2	3	4	
			0	5511	5699	5671	5301	5315	
			5	5464	5333	5485	5396	5492	
			10	5537	5708	5621	5470	5304	
			15	5509	5331	5287	5588	5665	
			20	5264	5391	5568	5427	5348	
			25	5441	5691	5688	5347	5687	
			30	5414	5715	5605	5459	5354	
			35	5480	5312	5648	5663	5682	
			40	5271	5540	5317	5356	5718	
			45	5685	5276	5316	5413	5640	
			50	5510	5655	5497	5558	5450	
			55	5599	5692	5370	5367	5522	
			60	5434	5328	5547	5353	5412	
			65	5366	5549	5544	5408	5446	
			70	5253	5266	5546	5421	5462	
			75	5355	5481	5719	5659	5633	
			80	5499	5552	5297	5521	5280	
			85	5438	5681	5543	5565	5474	
			90	5279	5608	5375	5619	5712	
			95	5523	5257	5541	5507	5261	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Humber
Download	18	Туре б	1.0	333.3	9	0.3333	300,0000000	27
		Frequency List (MHz)	0	1	2	3	4	
		0	5291	5463	5607	5462	5632	
		5	5603	5258	5560	5674	5326	
		10	5274	5341	5491	5392	5636	
		15	5434	5332	5305	5673	5430	
		20	5400	5711	5293	5419	5317	
		25	5381	5254	5303	5672	5345	
		30	5611	5649	5619	5403	5541	
		35	5596	5585	5623	5633	5438	
		40	5647	5665	5359	5374	5466	
		45	5666	5516	5589	5706	5586	
		50	5394	5312	5646	5661	5493	
		55	5543	5599	5273	5476	5276	
		60	5455	5664	5498	5580	5618	
		65	5338	5531	5435	5629	5424	
		70	5311	5309	5314	5450	5310	
		75	5290	5640	5410	5609	5333	
		80	5461	5275	5518	5572	5620	
		85	5506	5282	5342	5330	5573	
		90	5718	5557	5517	5601	5708	
		95	5298	5525	5405	5304	5682	



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	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	19	Type 6	1.0	333.3	9	0.3333	300,0000000	34
		Frequency List (MHz)	0	1	2	3	4	
		0	5546	5702	5543	5623	5377	
		5	5645	5280	5635	5265	5335	
		10	5257	5590	5315	5439	5512	
		15	5383	5288	5440	5594	5681	
		20	5596	5273	5649	5373	5502	
		25	5620	5622	5518	5415	5393	
		30	5289	5629	5560	5385	5372	
		35	5283	5494	5337	5510	5424	
		40	5706	5571	5361	5435	5479	
		45	5442	5519	5456	5392	5290	
		50	5282	5297	5679	5716	5500	
		55	5600	5275	5464	5672	5308	
	4	60	5577	5401	5390	5447	5450	
		65	5608	5334	5507	5615	5524	
		70	5285	5322	5430	5433	5621	
		75	5662	5719	5589	5528	5515	
		80	5292	5462	5566	5307	5284	
		85	5296	5474	5724	5399	5710	
		90	5250	5353	5509	5303	5597	
		95	5407	5428	5562	5678	5300	



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	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	20	Type 6	1.0	333.3	9	0.3333	300.0000000	35
		Frequency List (MHz)	0	1	2	3	4	
		0	5704	5466	5479	5309	5597	
		5	5687	5680	5710	5428	5639	
		10	5566	5379	5356	5634	5533	
		15	5471	5318	5543	5422	5311	
		20	5592	5665	5641	5443	5390	
		25	5569	5350	5622	5449	5435	
		30	5653	5586	5300	5537	5667	
		35	5325	5585	5608	5269	5521	
		40	5263	5314	5509	5504	5529	
		45	5408	5528	5525	5393	5572	
		50	5343	5646	5333	5386	5502	
		55	5660	5688	5554	5465	5677	
		60	5338	5326	5454	5260	5615	
		65	5403	5347	5591	5396	5555	
		70	5515	5579	5601	5527	5387	
		75	5261	5707	5291	5550	5602	
		80	5439	5257	5370	5692	5498	
		85	5512	5487	5719	5401	5650	
		90	5335	5402	5255	5659	5722	
		95	5364	5493	5676	5510	5700	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
]	Download	21	Type 6	1.0	333. 3	9	0.3333	300,0000000	37
			Frequency List (MHz)	0	1	2	3	4	
			0	5484	5705	5415	5470	5439	
			5	5351	5702	5310	5591	5371	
			10	5497	5265	5494	5354	5554	
			15	5559	5445	5646	5370	5503	
			20	5600	5356	5252	5255	5416	
			25	5656	5421	5456	5251	5483	
			30	5477	5542	5543	5418	5311	
			35	5390	5464	5676	5501	5422	
			40	5435	5674	5447	5269	5526	
			45	5337	5508	5608	5451	5625	
			50	5522	5642	5384	5475	5703	
			55	5507	5401	5655	5496	5309	
			60	5455	5619	5680	5326	5414	
			65	5345	5492	5295	5318	5273	
			70	5587	5530	5711	5615	5666	
			75	5638	5670	5622	5583	5691	
			80	5367	5626	5381	5561	5412	
			85	5682	5718	5589	5286	5289	
			90	5553	5314	5329	5261	5465	
			95	5541	5463	5574	5671	5458	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	22	Type 6	1.0	333.3	9	0.3333	300,0000000	41
		Frequency List (MHz)	0	1	2	3	4	
		0	5264	5469	5351	5631	5659	
		5	5393	5627	5385	5279	5578	
		10	5428	5529	5535	5549	5575	
		15	5647	5572	5274	5415	5695	
		20	5608	5425	5668	5722	5389	
		25	5544	5370	5355	5517	5616	
		30	5528	5500	5633	5463	5685	
		35	5603	5292	5297	5349	5513	
		40	5577	5509	5523	5644	5488	
		45	5691	5412	5678	5495	5398	
		50	5343	5435	5564	5526	5451	
		55	5589	5462	5315	5280	5584	
		60	5309	5625	5336	5615	5294	
		65	5530	5702	5565	5596	5345	
		70	5670	5630	5560	5591	5607	
		75	5693	5468	5477	5407	5545	
		80	5721	5409	5402	5525	5552	
		85	5381	5483	5340	5326	5609	
		90	5494	5364	5499	5423	5465	
		95	5518	5558	5569	5716	5718	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
3	Download	23	Type 6	1.0	333. 3	9	0. 3333	300,0000000	36
			Frequency List (MHz)	0	1	2	3	4	
			0	5519	5708	5287	5695	5501	
			5	5435	5649	5460	5442	5407	
			10	5262	5318	5576	5269	5596	
			15	5638	5699	5377	5412	5591	
			20	5706	5336	5362	5432	5697	
			25	5387	5556	5454	5658	5417	
			30	5457	5373	5712	5408	5645	
			35	5480	5568	5350	5360	5352	
			40	5660	5323	5652	5520	5573	
			45	5468	5299	5470	5634	5285	
			50	5274	5486	5275	5349	5298	
			55	5680	5416	5463	5512	5251	
			60	5713	5474	5667	5683	5453	
			65	5282	5438	5718	5566	5534	
			70	5399	5514	5656	5633	5409	
			75	5567	5584	5338	5545	5623	
			80	5490	5663	5612	5309	5406	
			85	5694	5525	5499	5448	5294	
			90	5574	5332	5659	5370	5436	
			95	5477	5415	5542	5467	5319	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
3	Download	24	Туре б	1.0	333.3	9	0.3333	300,0000000	29
			Frequency List (MHz)	0	i	2	3	4	
			0	5299	5472	5698	5381	5721	
			5	5477	5574	5535	5508	5614	
			10	5668	5582	5617	5367	5251	
			15	5351	5383	5505	5604	5527	
			20	5660	5647	5328	5335	5549	
			25	5590	5488	5700	5403	5414	
			30	5588	5389	5703	5309	5571	
			35	5364	5503	5274	5666	5365	
			40	5261	5417	5517	5405	5448	
			45	5382	5528	5687	5695	5537	
			50	5717	5393	5370	5653	5331	
			55	5600	5270	5639	5612	5515	
			60	5376	5667	5269	5252	5677	
			65	5586	5642	5258	5636	5543	
			70	5458	5479	5623	5400	5444	
			75	5301	5372	5428	5341	5575	
			80	5290	5316	5345	5347	5627	
			85	5349	5470	5565	5432	5628	
			90	5676	5447	5672	5552	5468	
			95	5469	5359	5321	5325	5678	



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	Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Download	25	Type 6	1.0	333. 3	9	0.3333	300,0000000	32
		Frequency List (MHz)	0	1	2	3	4	
	4	0	5457	5711	5634	5542	5563	
		5	5616	5596	5610	5671	5346	
_		10	5599	5371	5658	5562	5638	
		15	5339	5381	5486	5453	5321	
		20	5535	5351	5588	5417	5308	
		25	5586	5498	5318	5289	5522	
		30	5364	5292	5706	5426	5448	
		35	5662	5257	5656	5663	5505	
		40	5674	5657	5514	5334	5428	
		45	5465	5489	5265	5437	5404	
		50	5396	5373	5564	5581	5324	
		55	5368	5625	5571	5399	5329	
		60	5557	5347	5677	5271	5462	
		65	5541	5576	5383	5280	5250	
		70	5261	5485	5519	5502	5578	
		75	5525	5604	5652	5613	5700	
		80	5435	5400	5609	5331	5635	
		85	5385	5281	5299	5595	5350	
		90	5382	5407	5695	5546	5683	
		95	5607	5263	5655	5550	5459	



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		Trial Id	Radar Type	Pulse Vidth (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
Do	wnload	26	Туре б	1.0	333.3	9	0.3333	300,0000000	30
			Frequency List (MHz)	0	1	2	3	4	
			0	5712	5475	5570	5703	5308	
			5	5658	5521	5685	5359	5650	
			10	5433	5257	5699	5282	5659	
			15	5427	5508	5589	5498	5610	
			20	5446	5420	5626	5409	5281	
			25	5377	5350	5424	5393	5556	
			30	5406	5656	5328	5315	5721	
			35	5587	5278	5528	5431	5674	
			40	5441	5531	5515	5422	5608	
			45	5263	5408	5548	5547	5318	
			50	5324	5280	5572	5639	5542	
			55	5671	5294	5558	5347	5494	
			60	5502	5654	5600	5692	5663	
		1	65	5662	5577	5311	5414	5661	
			70	5352	5711	5361	5334	5398	
			75	5461	5289	5698	5668	5585	
			80	5429	5723	5481	5629	5595	
			85	5300	5329	5331	5597	5598	
			90	5624	5368	5645	5679	5485	
			95	5707	5563	5591	5636	5537	



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		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
8	Download	27	Type 6	1.0	333.3	9	0.3333	300,0000000	31
			Frequency List (MHz)	0	1	2	3	4	
		4	0	5492	5714	5506	5389	5625	
			5	5700	5543	5285	5522	5382	
			10	5364	5521	5265	5477	5680	
			15	5418	5635	5692	5327	5454	
			20	5586	5567	5498	5254	5299	
			25	5627	5594	5590	5448	5642	
			30	5661	5564	5541	5629	5369	
			35	5324	5584	5588	5280	5614	
		1	40	5453	5565	5605	5570	5291	
			45	5631	5371	5589	5534	5273	
			50	5690	5494	5355	5482	5707	
			55	5641	5513	5657	5659	5544	
			60	5486	5426	5638	5611	5516	
			65	5618	5684	5464	5697	5658	
			70	5374	5420	5258	5721	5566	
			75	5681	5358	5262	5696	5297	
			80	5621	5709	5439	5672	5304	
			85	5616	5368	5491	5475	5341	
			90	5580	5318	5281	5380	5519	
			95	5537	5362	5645	5524	5325	



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		Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number
=	Download	28	Type 6	1.0	333.3	9	0.3333	300,0000000	31
			Frequency List (MHz)	0	1	2	3	4	
		4	0	5272	5478	5539	5550	5370	
			5	5267	5565	5360	5588	5589	
			10	5295	5310	5306	5672	5701	
Ī			15	5506	5287	5320	5491	5519	
			20	5462	5655	5508	5490	5702	
			25	5531	5626	5355	5698	5624	
			30	5717	5401	5716	5264	5293	
			35	5557	5692	5262	5502	5594	
			40	5319	5391	5330	5602	5499	
			45	5271	5336	5663	5424	5476	
			50	5410	5449	5266	5342	5317	
			55	5299	5670	5564	5463	5460	
			60	5387	5311	5349	5489	5415	
			65	5252	5681	5687	5560	5552	
			70	5353	5576	5593	5683	5464	
			75	5507	5350	5379	5605	5366	
			80	5382	5547	5361	5371	5518	
			85	5385	5721	5294	5341	5612	
			90	5378	5621	5389	5457	5292	
			95	5534	5497	5412	5374	5597	



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Radar Type 6- Radar Waveform-29

#### Trial List Hopping Sequence Length (ms) Pulse Vidth (us) Visible Hopping Radar Trial Id PRI (us) Rate (kHz) Frequency Number Type per Hop Download



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\*\*\*\*\*END OF THE REPORT\*\*\*