

Report No.: SZEM210200203804
Page: 1 of 110

TEST REPORT

Application No.:

SZEM2102002038CR

Applicant:

Winegard Company

Address of Applicant:

3000 Kirkwood Street, Burlington, Iowa 52601, United States

Manufacturer:

Winegard Company

Address of Manufacturer:

3000 Kirkwood Street, Burlington, Iowa 52601, United States

Factory:

1. Aztech Communication Device (DG) Ltd

2. IOT Manufacturing SDN.BHD.

Address of Factory:

1. Jiu Jiang Shui Village, Chang Ping Town, Dong Guan City, Guang Dong Province, China

2. No. 8 & 10, Setia Business Park, Jalan Laman Setia 7/4, Taman Laman Setia, 81550 Gelang Patah, Johor Bahru, Malaysia

Equipment Under Test (EUT):**EUT Name:**

1. Gateway PRO

2. WiFi Access Point/Extender with Bridge Mode 2.4/5Ghz

Model No.:

WG04, WG02 *

*

Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

Trade Mark:

Winegard

FCC:

C3D-AZ1333300

Standard(s) :

47 CFR Part 15, Subpart E 15.407

KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02

KDB 905462 D04 Operational Modes for DFS Testing New Rules v01

Date of Receipt:

2021-02-24

Date of Test:

2021-04-07 to 2021-04-28

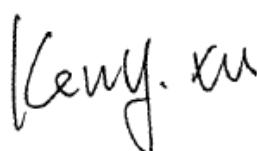
Date of Issue:

2021-04-29

Test Result:

Pass*

* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu
EMC Laboratory ManagerSGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

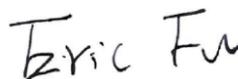
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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2021-04-29		Original

Authorized for issue by:			
			
		Edison Li/Project Engineer	
			
		Eric Fu/Reviewer	

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2 Test Summary

Item	Tested Bandwidth and Channel		Limit	Result
	Bandwidth (MHz) / mode	Frequency (MHz) / Channel No.		
Channel Availability Check Time	20 / 802.11n	5320 / 64	≥ 60sec	Pass
U-NII Detection Bandwidth	20 / 802.11n	5320 / 64	> 100% of the U-NII 99% transmission power bandwidth	Pass
	40 / 802.11n	5510 / 102		
	80 / 802.11ac	5290 / 58		
Statistical Performance Check	20 / 802.11n	5320 / 64	Type 1 ~ 4 ≥ 60% Type 1 ~ 4 and 5 ≥ 80% Type 6 ≥ 70%	Pass
	40 / 802.11n	5510 / 102		
	80 / 802.11ac	5290 / 58		
Channel Move Time	80 / 802.11ac	5290 / 58	≤ 10sec	Pass
Channel Closing Transmission Time	80 / 802.11ac	5290 / 58	≤ 200ms + aggregate of 60ms over remaining 10sec period	Pass
Non-Occupancy Period Test	80 / 802.11ac	5290 / 58	≥ 30 minutes	Pass



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Remark:

Model No.: WG04, WG02

Since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for all the above models, only the difference as below:

	WG02	WG04
Product Board Configuration Name:	WiFi Access Point/Extender with Bridge Mode 2.4/5Ghz	Gateway PRO
5G 3x3 WiFi	Yes	Yes
2.4G 3x3 WiFi	Yes	Yes
LTE Module	No	Yes
mPCIE Slot	Yes	Yes
MicroSD Slot	No	Yes
Accelerometer and Temp Sensor	No	Yes
GE WAN port	Yes	No
POE Sink	Yes	No
POE Source	No	No
GE LAN port	No	Yes
Spare connectors	No	Yes
Power Analysis MCU	No	Yes
USB Ports	None, 0	Yes, 1 USB A
SIM Card Slot	/	1 through Dual SIM connector
	/	1 through flat flex selectable
Mains Power	Through WAN/PPOE only	12V vehicle power path.



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4 General Information

4.1 Details of E.U.T.

4.2 Details of E.U.T. for WG04

Power supply:	DC 12V			
Internal source:	More than 108MHz			
Operation Frequency	Band	Mode	Frequency Range(MHz)	Number of channels
UNII Band I	802.11a/n(HT20)/ac(HT20)	5180-5240	4	
	802.11n(HT40)/ac(HT40)	5190-5230	2	
	802.11ac(HT80)	5210	1	
UNII Band II-A	802.11a/n(HT20)/ac(HT20)	5260-5320	4	
	802.11n(HT40)/ac(HT40)	5270-5310	2	
	802.11ac(HT80)	5290	1	
UNII Band II-C	802.11a/n(HT20)/ac(HT20)	5500-5700	8	
	802.11n(HT40)/ac(HT40)	5510-5670	5	
	802.11ac(HT80)	5530,5610	2	
UNII Band III	802.11a/n(HT20)/ac(HT20)	5745-5825	5	
	802.11n(HT40)/ac(HT40)	5755-5795	2	
	802.11ac(HT80)	5775	1	
Modulation Type:	802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)			
DFS Function:	Master			
TPC Function:	Support			
Sample Type:	Fixed devices			
Antenna Type:	PCB antenna			
Antenna Gain:	Antenna1/Antenna2/Antenna3: 4.6dBi Note: three antennas can simultaneous transmission.			

4.3 Details of E.U.T. for WG02

Power supply:	POE Adapter Model: WM024SP-240-A REV 1MM Input: AC 100-240V, 50/60Hz, 0.8A Output: DC 24V, 1.0A 10/100/1000Mbps			
Internal source:	More than 108MHz			
Operation Frequency	Band	Mode	Frequency Range(MHz)	Number of channels
UNII Band I	802.11a/n(HT20)/ac(HT20)	5180-5240	4	
	802.11n(HT40)/ac(HT40)	5190-5230	2	
	802.11ac(HT80)	5210	1	

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	UNII Band II-A	802.11a/n(HT20)/ac(HT20)	5260-5320	4
		802.11n(HT40)/ac(HT40)	5270-5310	2
		802.11ac(HT80)	5290	1
	UNII Band II-C	802.11a/n(HT20)/ac(HT20)	5500-5700	8
		802.11n(HT40)/ac(HT40)	5510-5670	5
		802.11ac(HT80)	5530,5610	2
	UNII Band III	802.11a/n(HT20)/ac(HT20)	5745-5825	5
		802.11n(HT40)/ac(HT40)	5755-5795	2
		802.11ac(HT80)	5775	1
Modulation Type:	802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)			
DFS Function:	Master			
TPC Function:	Support			
Sample Type:	Fixed devices			
Antenna Type:	PCB antenna			
Antenna Gain:	Antenna1/Antenna2/Antenna3: 4.6dBi Note: three antennas can simultaneous transmission.			

4.4 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Network Cable	SGS	N/A	REF. No.SEA1100 FCC ID:N/A
Laptop	Lenovo	T430u	REF. No.SEA1800 FCC ID:N/A
iPhone	Apple	MG472ZP/A	C34NHTMFG5MN FCC ID:BCG-E2816A
Wireless Module	Intel	AX200NG	N/A FCC ID:PD9AX200NG

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4.5 Test Location

All tests were performed at:

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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, Guangdong, China.
518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None

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5 Equipment List

DFS					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	SAEMC	MSR433	SEM001-11	2019-06-13	2022-06-12
EXA Signal Analyzer (10Hz-26.5GHz)	KEYSIGHT	N9010A	SEM004-09	2021-04-08	2022-04-07
Signal Generator(9kHz-3GHz)	KEYSIGHT	N5171B	SEM006-13	2021-03-24	2022-03-23
MXG Vector Signal Generator	KEYSIGHT	N5182A	SEM006-14	2021-03-24	2022-03-23
ESG Vector Signal Generator	KEYSIGHT	E4438C	SEM006-15	2020-09-23	2021-09-22
DC Power Supply	KEYSIGHT	E3642A	SEM011-07	2021-03-23	2022-03-22
Manual Step Attenuator	KEYSIGHT	8494B	SEM021-05	2021-04-08	2022-04-07
Manual Step Attenuator	KEYSIGHT	8496B	SEM021-06	2021-04-08	2022-04-07
Power Sensor	KEYSIGHT	U2021XA	SEM009-13	2021-03-24	2022-03-23
Power Sensor	KEYSIGHT	U2021XA	SEM009-14	2021-03-24	2022-03-23
Power Sensor	KEYSIGHT	U2021XA	SEM009-15	2021-03-24	2022-03-23
Power Sensor	KEYSIGHT	U2021XA	SEM009-16	2021-03-24	2022-03-23
Programmable Temperature & Humidity Chamber	Votsch Industrietechnik GmbH	VT 4002	SEM002-15	2021-03-23	2022-03-22
Measurement Software	JS Tonscend	JS1120-2 BT/WIFI V2.6	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM028-01	2020-07-10	2021-07-09

General used equipment					
Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	Shanghai Meteorological Industry Factory	ZJ1-2B	SEM002-04	2020-09-15	2021-09-14
Humidity/ Temperature Indicator	Mingle	N/A	SEM002-08	2020-09-15	2021-09-14
Barometer	Changchun Meteorological Industry Factory	DYM3	SEM002-01	2021-03-30	2022-03-29

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6 Requirements and Parameters for DFS test

6.1 Applicability of DFS requirements

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

Requirement	Operational Mode		
	<input checked="" type="checkbox"/> Master	<input type="checkbox"/> Client Without Radar Detection	<input type="checkbox"/> 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	
	<input checked="" type="checkbox"/> Master Device or Client with Radar Detection	<input type="checkbox"/> 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	<input checked="" type="checkbox"/> Master Device or Client with Radar Detection	<input type="checkbox"/> 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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6.2 DFS Detection Thresholds

Table 3 below provides the DFS Detection Thresholds for Master Devices as well as Client Devices incorporating In-Service Monitoring.

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 \geq 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.

Note 3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.

6.3 DFS Response Requirements

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 facilitating 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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6.4 RADAR TEST WAVEFORMS

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

6.4.1 Short Pulse Radar Test Waveforms

Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	Roundup $\left(\left(\frac{1}{360} \right) \cdot \left(\frac{19 \cdot 10^6}{\text{PRI}_{\mu\text{sec}}} \right) \right)$	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 1-4)				80%	120
Note 1:	Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.				
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				

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B.

The aggregate is the average of the percentage of successful detections of Short Pulse Radar Types 1-4.

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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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6.4.2 Long Pulse Radar Test Waveforms

Table 6 – Long Pulse Radar Test Waveform

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

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

Each waveform is defined as follows:

- 1) The transmission period for the Long Pulse Radar test signal is 12 seconds.
- 2) There are a total of 8 to 20 *Bursts* in the 12 second period, with the number of *Bursts* being randomly chosen. This number is *Burst Count*.
- 3) Each *Burst* consists of 1 to 3 pulses, with the number of pulses being randomly chosen. Each *Burst* within the 12 second sequence may have a different number of pulses.
- 4) The pulse width is between 50 and 100 microseconds, with the pulse width being randomly chosen. Each pulse within a *Burst* will have the same pulse width. Pulses in different *Bursts* may have different pulse widths.
- 5) Each pulse has a linear frequency modulated chirp between 5 and 20 MHz, with the chirp width being randomly chosen. Each pulse within a *transmission period* will have the same chirp width. The chirp is centered on the pulse. For example, with a radar frequency of 5300 MHz and a 20 MHz chirped signal, the chirp starts at 5290 MHz and ends at 5310 MHz.
- 6) If more than one pulse is present in a *Burst*, the time between the pulses will be between 1000 and 2000 microseconds, with the time being randomly chosen. If three pulses are present in a *Burst*, the random time interval between the first and second pulses is chosen independently of the random time interval between the second and third pulses.
- 7) The 12 second transmission period is divided into even intervals. The number of intervals is equal to *Burst Count*. Each interval is of length $(12,000,000 / \text{Burst Count})$ microseconds. Each interval contains one *Burst*. The start time for the *Burst*, relative to the beginning of the interval, is between 1 and $[(12,000,000 / \text{Burst Count}) - (\text{Total Burst Length}) + (\text{One Random PRI Interval})]$ microseconds, with the start time being randomly chosen. The step interval for the start time is 1 microsecond. The start time for each *Burst* is chosen randomly.

A representative example of a Long Pulse Radar Type waveform:

- 1) The total test waveform length is 12 seconds.
- 2) Eight (8) *Bursts* are randomly generated for the *Burst Count*.
- 3) *Burst 1* has 2 randomly generated pulses.
- 4) The pulse width (for both pulses) is randomly selected to be 75 microseconds.
- 5) The PRI is randomly selected to be at 1213 microseconds.
- 6) *Bursts 2* through 8 are generated using steps 3 – 5.
- 7) Each *Burst* is contained in even intervals of 1,500,000 microseconds. The starting location for Pulse 1, *Burst 1* is randomly generated (1 to 1,500,000 minus the total *Burst 1* length + 1 random PRI interval) at the 325,001 microsecond step. *Bursts 2* through 8 randomly fall in successive 1,500,000 microsecond intervals (i.e. *Burst 2* falls in the 1,500,001 – 3,000,000 microsecond range).



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6.4.3 Frequency Hopping Radar Test Waveforms**Table 7 – Frequency Hopping Radar Test Waveform**

Radar Type	Pulse Width (usec)	Chirp Width (MHz)	PRI (usec)	Number of Pulses per Burst	Number of Bursts	Minimum Percentage of Successful Detection	Minimum Number of Trials
6	1	333	9	0.333	300	70%	30

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

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

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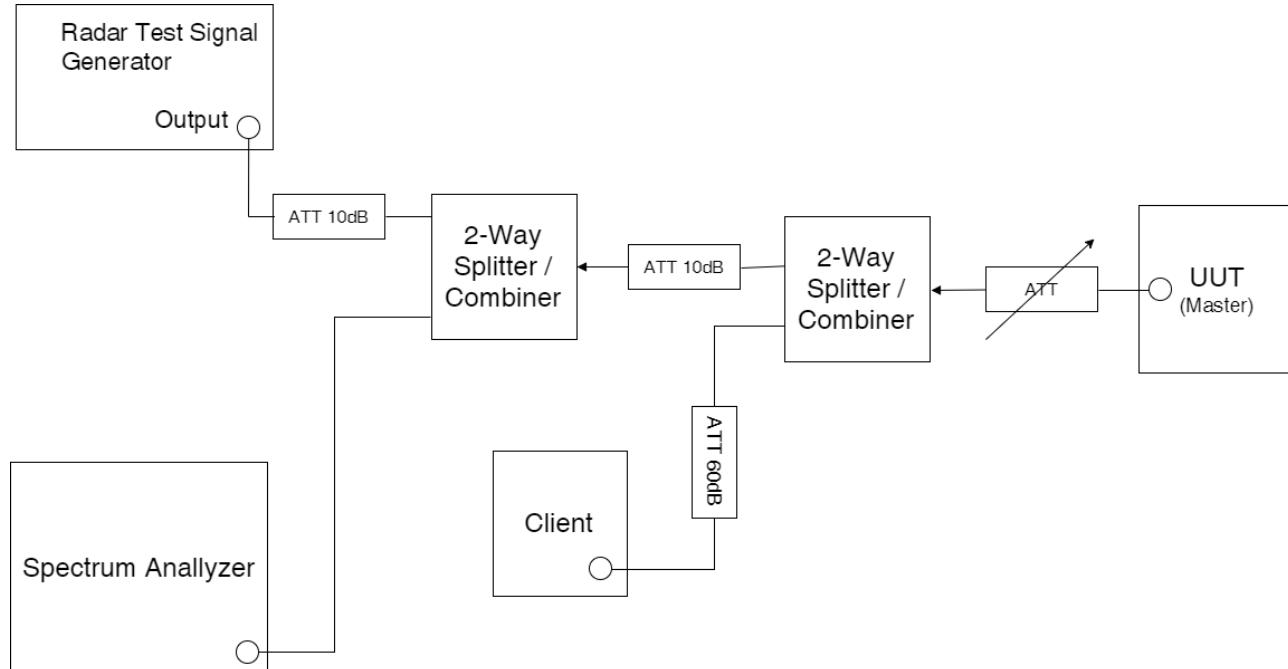
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7 Calibration of Radar Waveform

7.1 Radar Waveform Calibration Procedure

- 1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master
- 2) The interference Radar Detection Threshold Level is $-64\text{dBm} + 0\text{dBi} + 1\text{dB} = -63\text{dBm}$ that had been taken into account the output power range and antenna gain.
- 3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process, there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB .
- 4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was $-64\text{dBm} + 0\text{dBi} + 1\text{dB} = -63\text{dBm}$. Capture the spectrum analyzer plots on short pulse radar waveform.

7.2 Conducted Calibration Setup

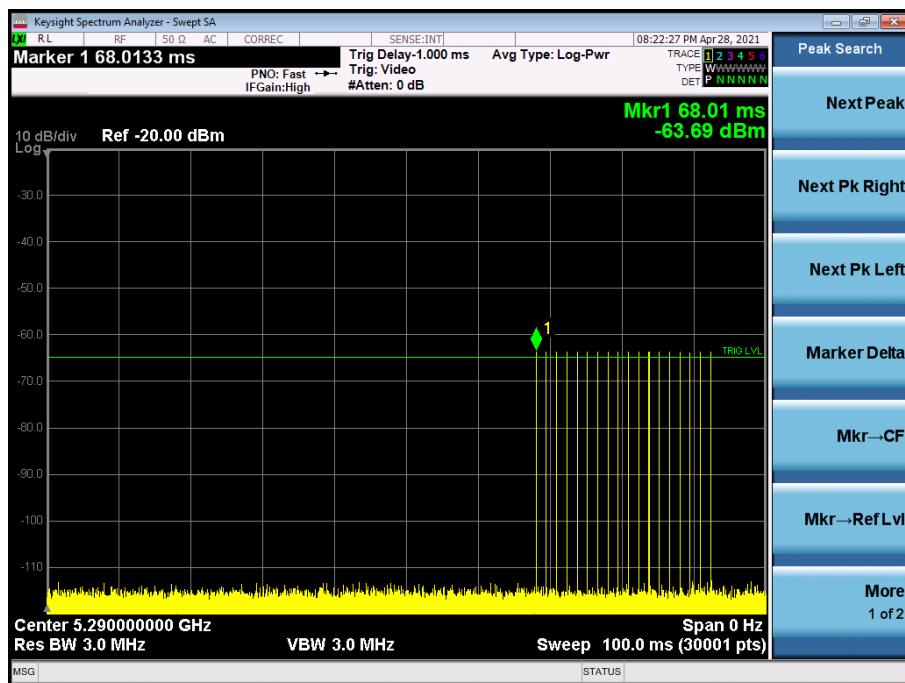


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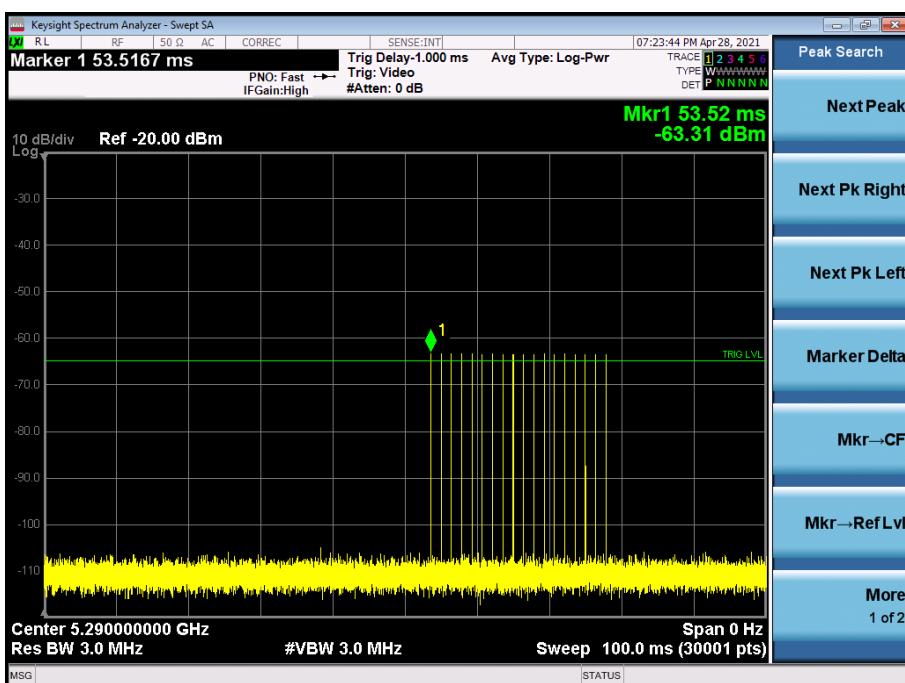
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7.3 Radar Waveform Calibration Result

Radar Type 0



Radar Type 1



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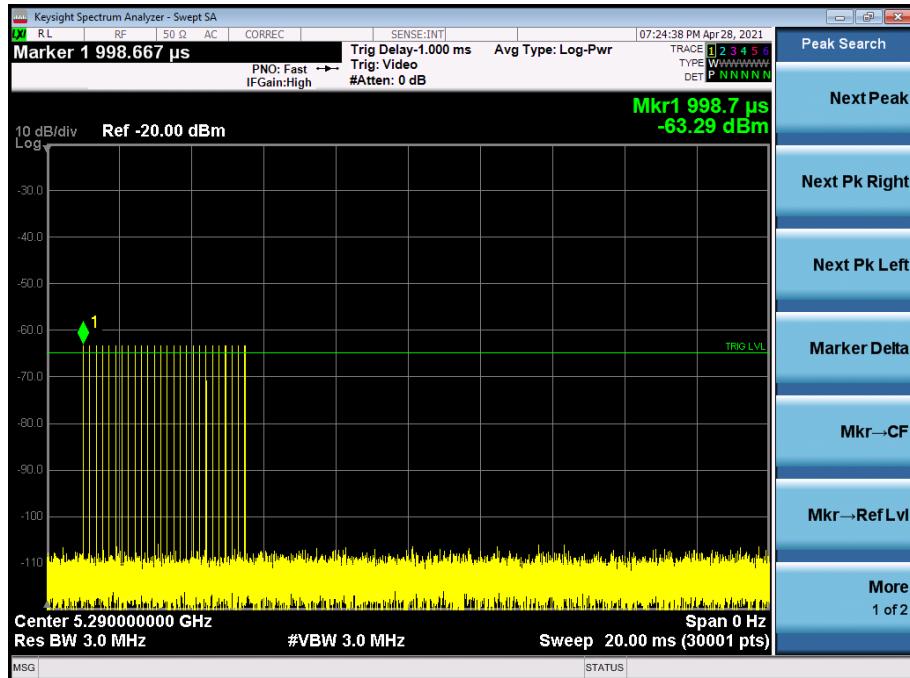
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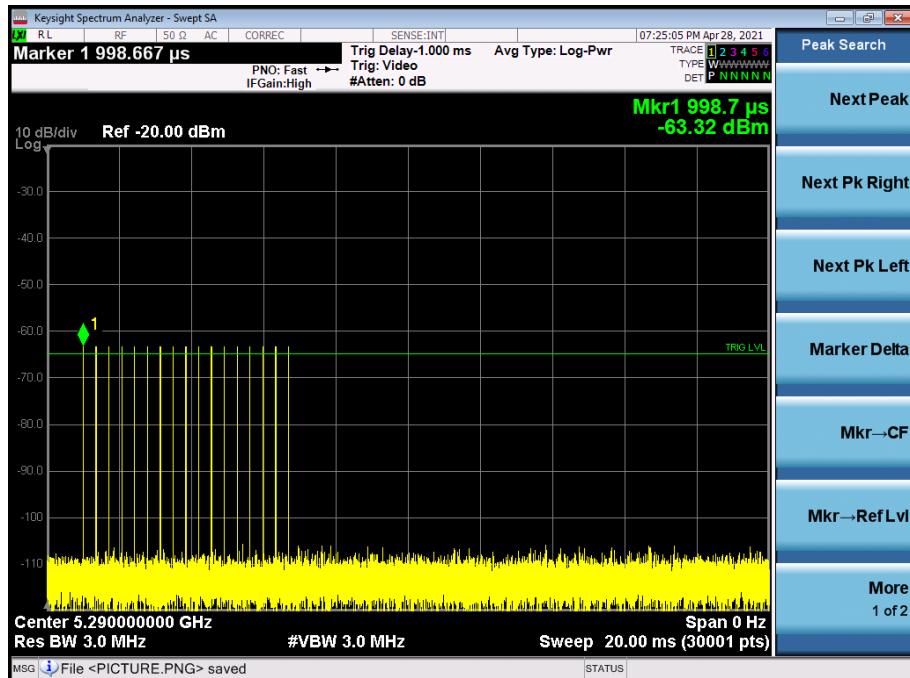
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Radar Type 2



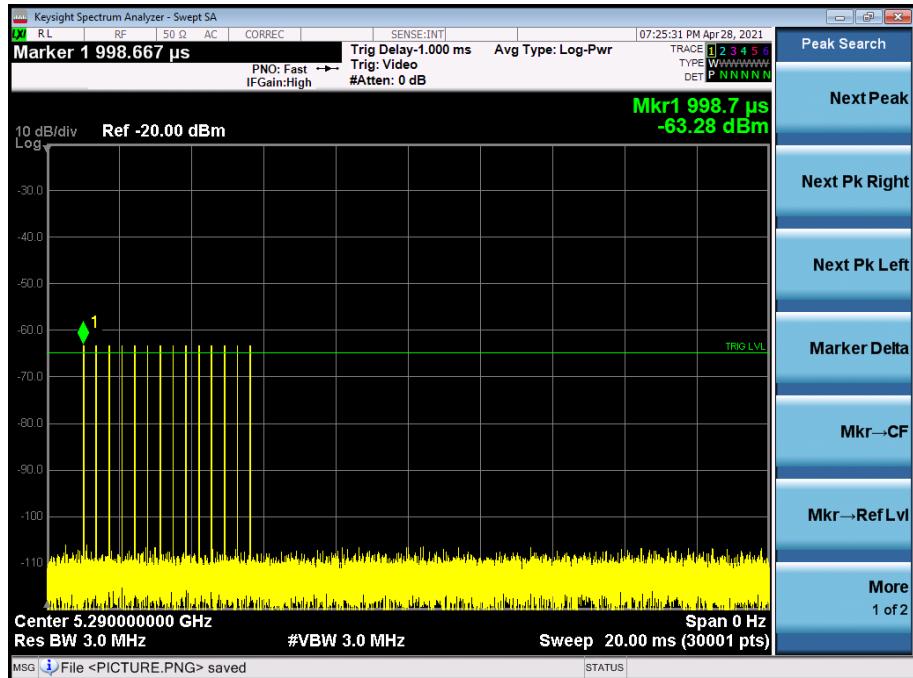
Radar Type 3



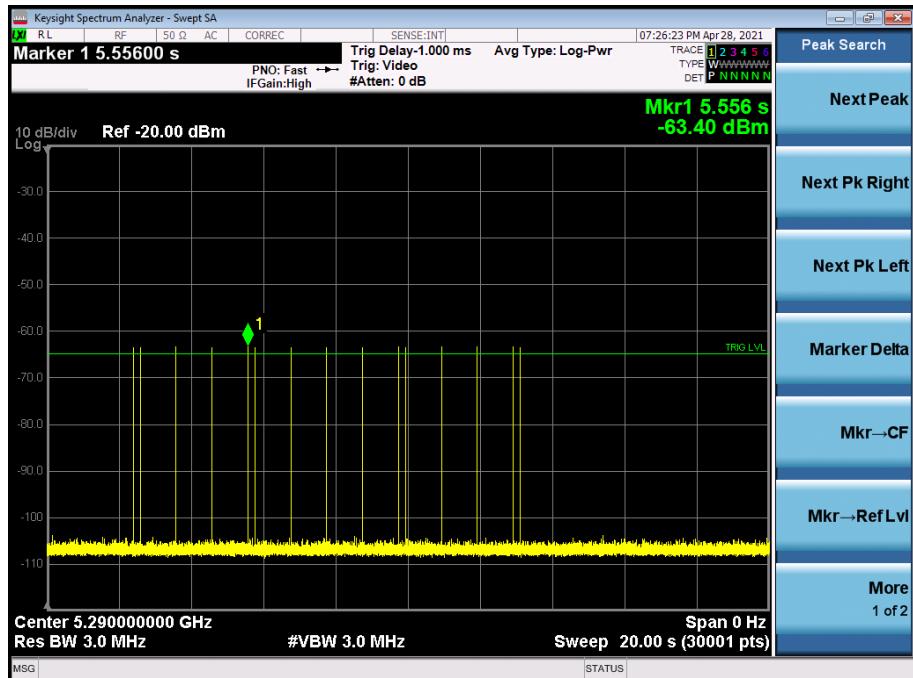
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Radar Type 4



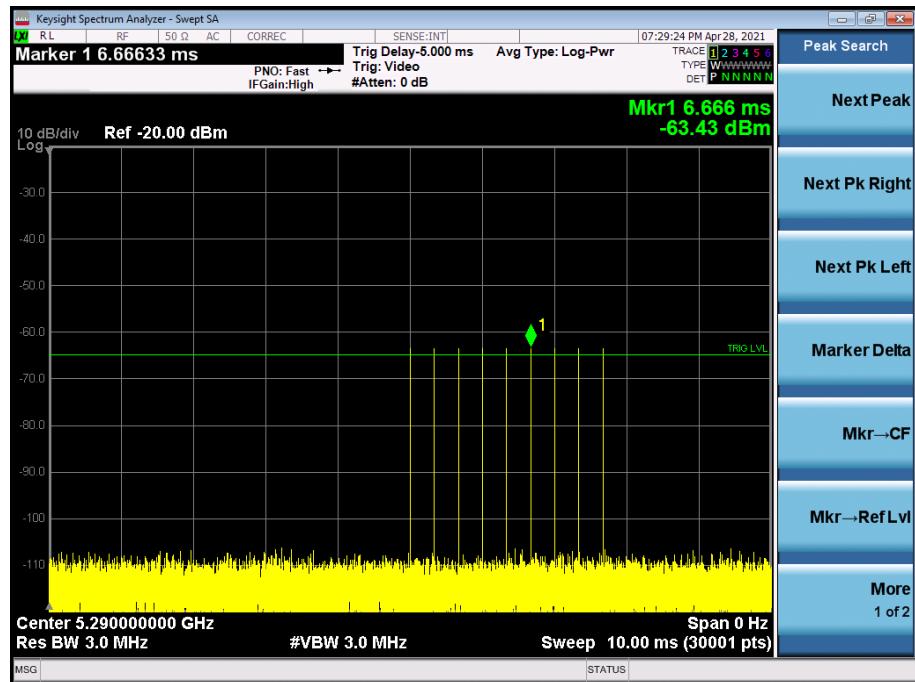
Radar Type 5



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Radar Type 6



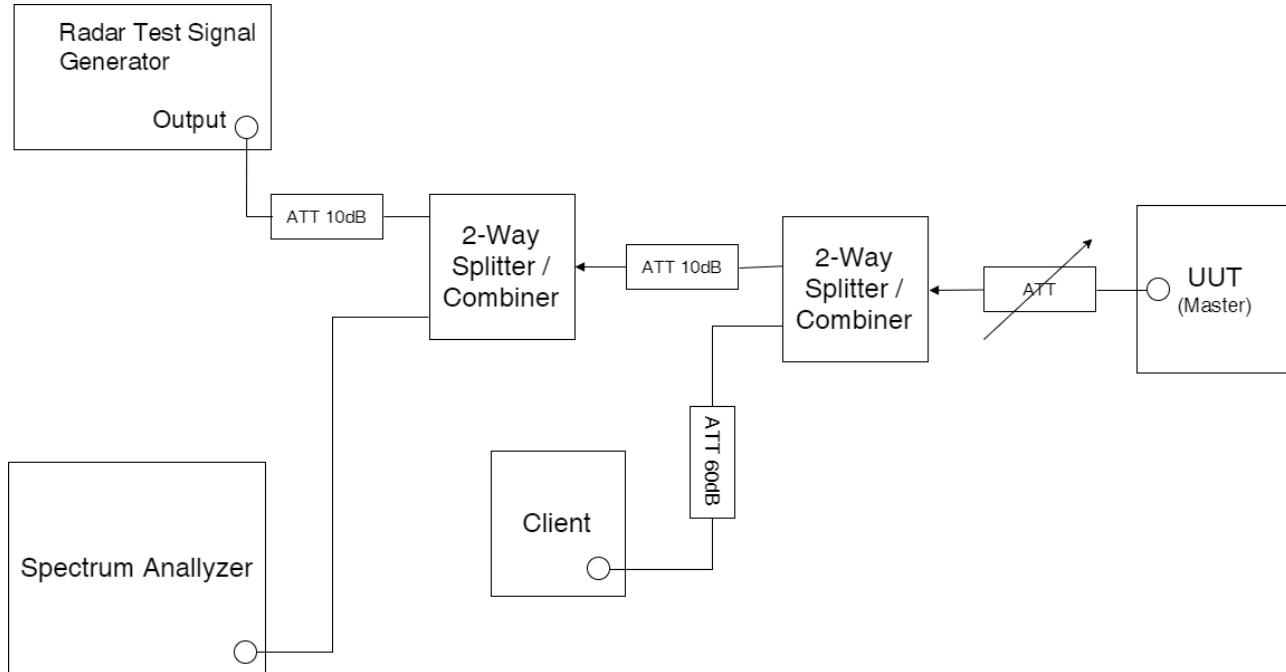
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8 DFS Test Results

8.1 Conducted Test Setup Configuration



Channel Loading

System testing will be performed with channel-loading using means appropriate to the data types that are used by the unlicensed device. The following requirements apply:

<input type="checkbox"/>	a) The data file must be of a type that is typical for the device (i.e., MPEG-2, MPEG-4, WAV, MP3, MP4, AVI, etc.) and must generally be transmitting in a streaming mode.
<input type="checkbox"/>	b) Software to ping the client is permitted to simulate data transfer but must have random ping intervals.
<input checked="" type="checkbox"/>	c) Timing plots are required with calculations demonstrating a minimum channel loading of approximately 17% or greater. For example, channel loading can be estimated by setting the spectrum analyzer for zero span and approximate the Time On/ (Time On + Off Time). This can be done with any appropriate channel BW and modulation type.
<input type="checkbox"/>	d) Unicast or Multicast protocols are preferable but other protocols may be used. The appropriate protocol used must be described in the test procedures.

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8.2 U-NII Detection Bandwidth (7.8.1)

8.2.1 Limit of U-NII Detection Bandwidth

The U-NII Detection Bandwidth shall contain minimum 100% of the 99% power bandwidth.

8.2.2 Test Procedure

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

The *U-NII Detection Bandwidth* is calculated as follows:

$$\text{U-NII Detection Bandwidth} = F_H - F_L$$

8.2.3 Measurement Data

During the test, radar type 0 is used and for each frequency step the minimum percentage of detection is 90%.

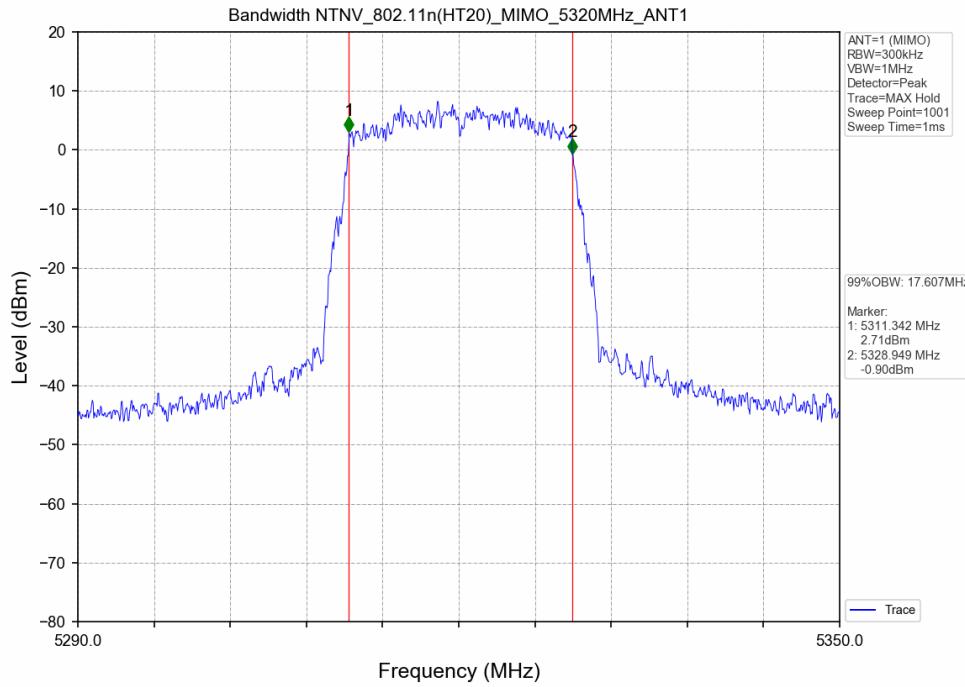
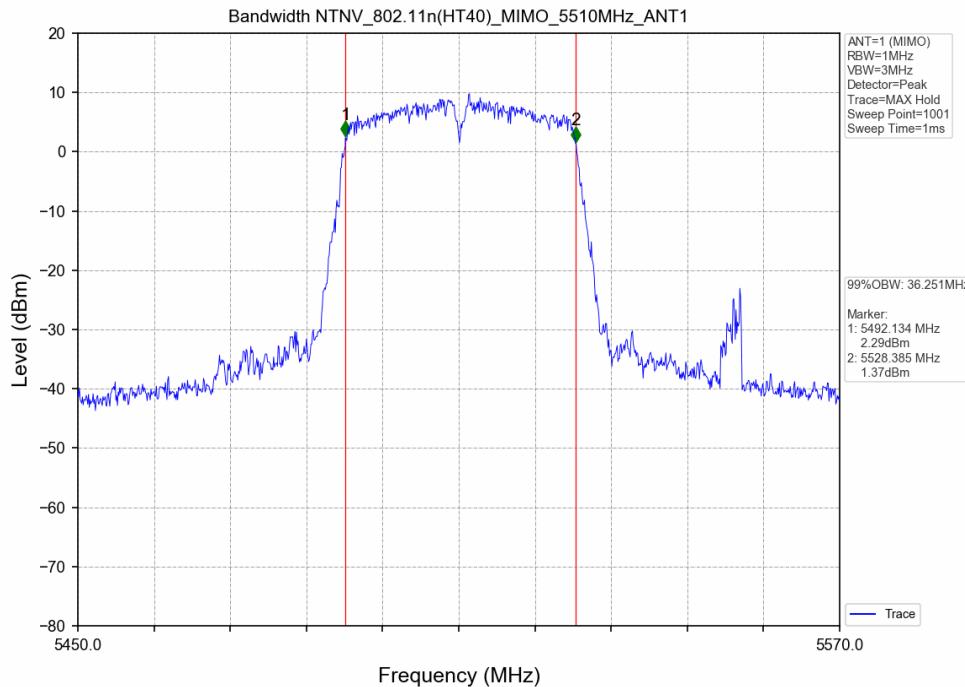
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99% Channel Power Bandwidth**Channel 64_5320MHz; Bandwidth: 20MHz****Channel 102_5510MHz; Bandwidth: 40MHz**

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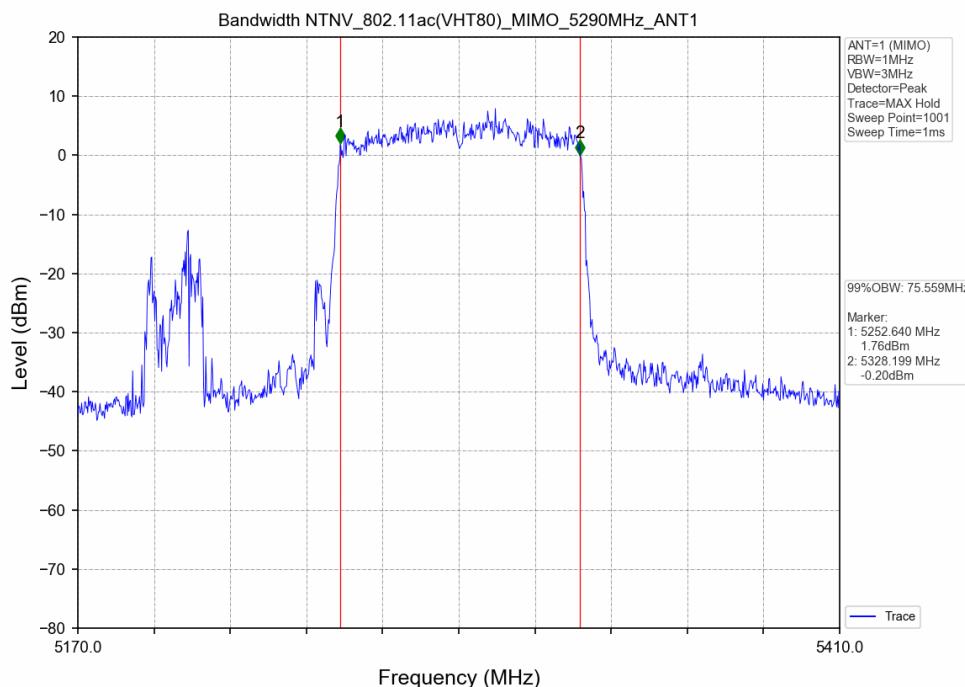


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99% Channel Power Bandwidth

Channel 58_5290MHz; Bandwidth: 80MHz



Test Channel: 5320MHz		Channel Bandwidth: 20MHz									Detection Rate (%)	F _U /F _H	
Freq. (MHz)	Fc	Trial Number and Detection result (Y: Detected; N: Non-detected)											
		0	1	2	3	4	5	6	7	8	9		
5310	-10	N	N	N	N	N	N	N	N	N	N	0	
5311	-9	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90	
5312	-8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5313	-7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5314	-6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5315	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5320	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5325	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5326	+6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5327	+7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5328	+8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5329	+9	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90	
5330	+10	N	N	N	N	N	N	N	N	N	N	0	
Detection Bandwidth = F _H - F _L = 5329MHz - 5311MHz = 18MHz													
EUT 99% Bandwidth = 17.607MHz													



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Test Channel: 5510MHz			Channel Bandwidth: 40MHz									Detection Rate (%)	F _U /F _H		
Freq. (MHz)	Trial Number and Detection result (Y: Detected; N: Non-detected)														
	F _c	0	1	2	3	4	5	6	7	8	9				
5490	-20	N	N	N	N	N	N	N	N	N	N	0			
5491	-19	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	90	F _L		
5492	-18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5493	-17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5494	-16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5495	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5500	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5505	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5510	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5515	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5520	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5525	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5526	+16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5527	+17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5528	+18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5529	+19	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	90	F _H		
5530	+20	N	N	N	N	N	N	N	N	N	N	0			

Detection Bandwidth = F_H - F_L = 5529MHz - 5491MHz = 38MHz

EUT 99% Bandwidth = 36.251MHz

Test Channel: 5290MHz			Channel Bandwidth: 80MHz									Detection Rate (%)	F _U /F _H		
Freq. (MHz)	Trial Number and Detection result (Y: Detected; N: Non-detected)														
	F _c	0	1	2	3	4	5	6	7	8	9				
5249	-41	N	N	N	N	N	N	N	N	N	N	0			
5250	-40	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	90	F _L		
5251	-39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5252	-38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5253	-37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5254	-36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5255	-35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5260	-30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5265	-25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5270	-20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5275	-15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5280	-10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5285	-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			
5290	0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100			

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5295	+5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5300	+10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5305	+15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5310	+20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5315	+25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5320	+30	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5325	+35	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5326	+36	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5327	+37	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5328	+38	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5329	+39	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	
5330	+40	Y	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	90	F _H
5331	+41	N	N	N	N	N	N	N	N	N	N	N	0	

Detection Bandwidth = F_H - F_L = 5330MHz - 5250MHz = 80MHz

EUT 99% Bandwidth = 75.559MHz

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8.3 Channel Availability Check (7.8.2)

8.3.1 Limit of Channel Availability Check

The Initial *Channel Availability Check Time* tests that the UUT does not emit beacon, control, or data signals on the test *Channel* until the power-up sequence has been completed and the U-NII device checks for *Radar Waveforms* for one minute on the test *Channel*.

8.3.2 Test Procedure

This test does not use any *Radar Waveforms* and only needs to be performed one time.

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

A) Radar Burst at the Beginning of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test *Channel* during a period equal to the *Channel Availability Check Time* and avoidance of operation on that *Channel* when a radar *Burst* with a level equal to the *DFS Detection Threshold* + 1 dB occurs at the beginning of the *Channel Availability Check Time*. This is illustrated in **Figure 15**.

1. The *Radar Waveform* generator and UUT are connected using the applicable test setup described in the sections on configuration for Conducted Tests (7.2) or Radiated Tests (7.3) and the power of the UUT is switched off.
2. The UUT is powered on at T0. T1 denotes the instant when the UUT has completed its power-up sequence (T_{power_up}). The *Channel Availability Check Time* commences on Chr at instant T1 and will end no sooner than T1 + T_{ch_avail_check}.
3. A single *Burst* of one of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at T1. An additional 1 dB is added to the radar test signal to ensure it is at or above the *DFS Detection Threshold*, accounting for equipment variations/errors.
4. Visual indication or measured results on the UUT of successful detection of the radar *Burst* will be recorded and reported. Observation of Chr for UUT emissions will continue for 2.5 minutes after the radar *Burst* has been generated.
5. Verify that during the 2.5 minute measurement window no UUT transmissions occurred on Chr. The *Channel Availability Check* results will be recorded.

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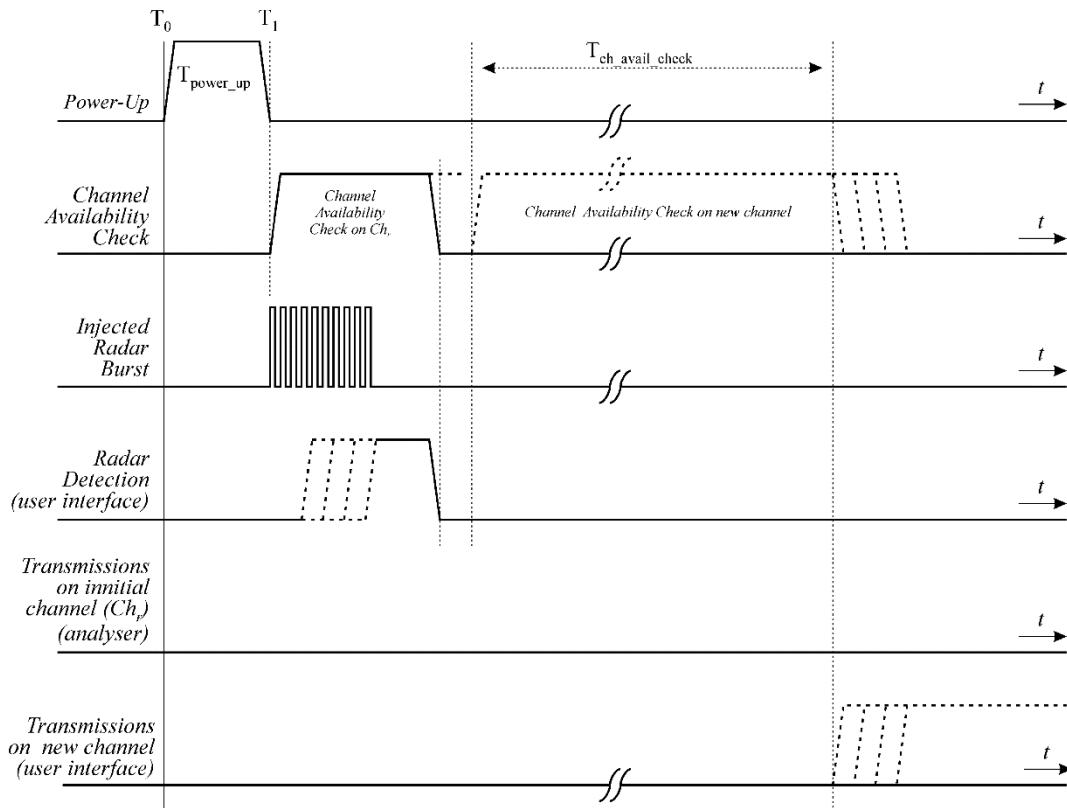


Figure 15: Example of timing for radar testing at the beginning of the Channel Availability Check Time

B) Radar Burst at the End of the Channel Availability Check Time

The steps below define the procedure to verify successful radar detection on the test Channel during a period equal to the Channel Availability Check Time and avoidance of operation on that Channel when a radar *Burst* with a level equal to the *DFS Detection Threshold* + 1dB occurs at the end of the *Channel Availability Check Time*. This is illustrated in **Figure 16**.

1. The *Radar Waveform* generator and UUT are connected using the applicable test setup described in the sections for Conducted Tests (7.2) or Radiated Tests (7.3) and the power of the UUT is switched off.
2. The UUT is powered on at T0. T1 denotes the instant when the UUT has completed its power-up sequence (T_{power_up}). The *Channel Availability Check Time* commences on Chr at instant T1 and will end no sooner than T1 + T_{ch_avail_check}.
3. A single *Burst* of one of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at T1 + 54 seconds. An additional 1 dB is added to the radar test signal to ensure it is at or above the *DFS Detection Threshold*, accounting for equipment variations/errors.
4. Visual indication or measured results on the UUT of successful detection of the radar *Burst* will be recorded and reported. Observation of Chr for UUT emissions will continue for 2.5 minutes after the radar *Burst* has been generated.
5. Verify that during the 2.5 minute measurement window no UUT transmissions occurred on Chr. The *Channel Availability Check* results will be recorded.



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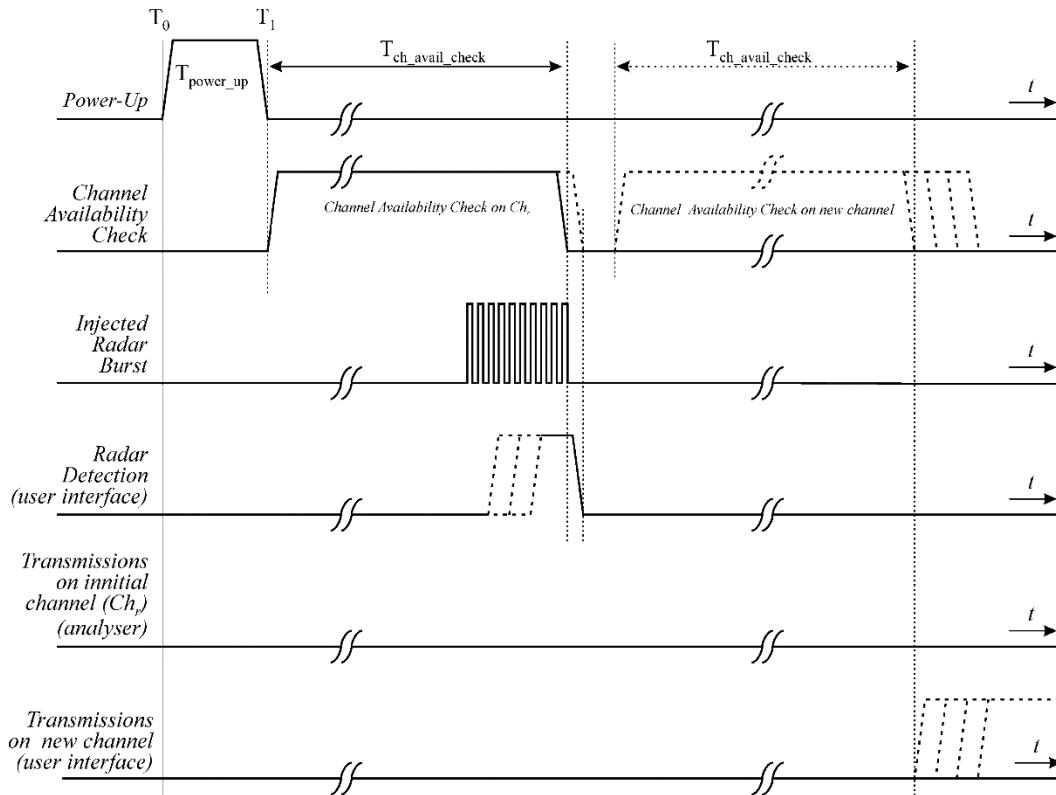
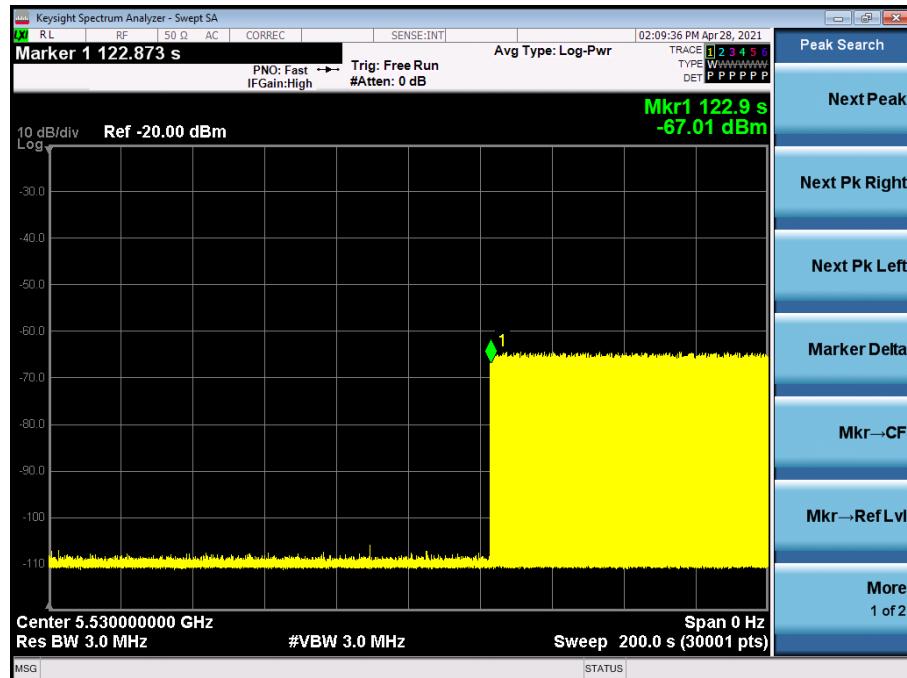
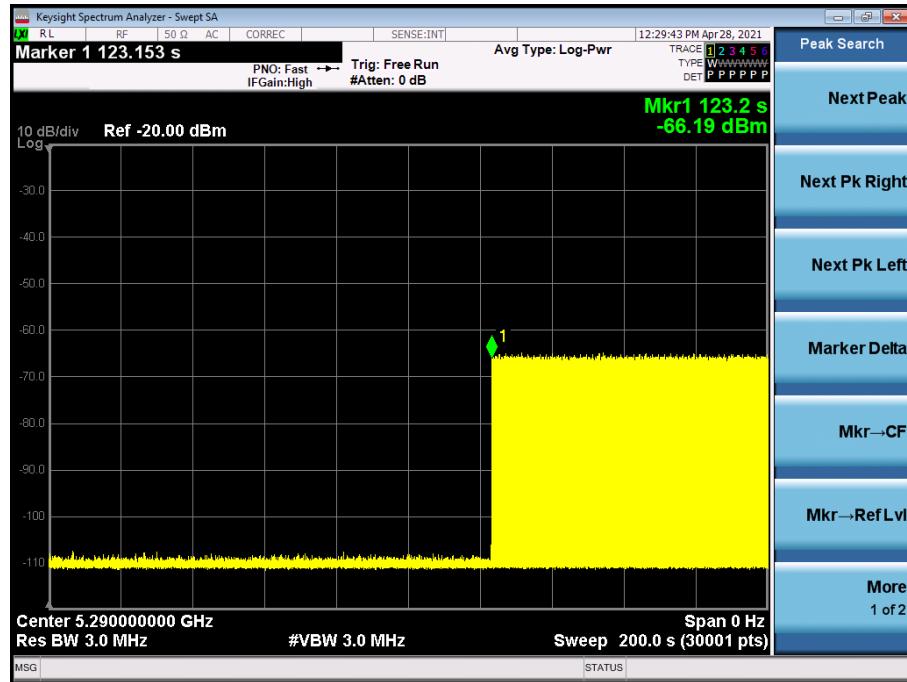


Figure 16: Example of timing for radar testing towards the end of the Channel Availability Check Time

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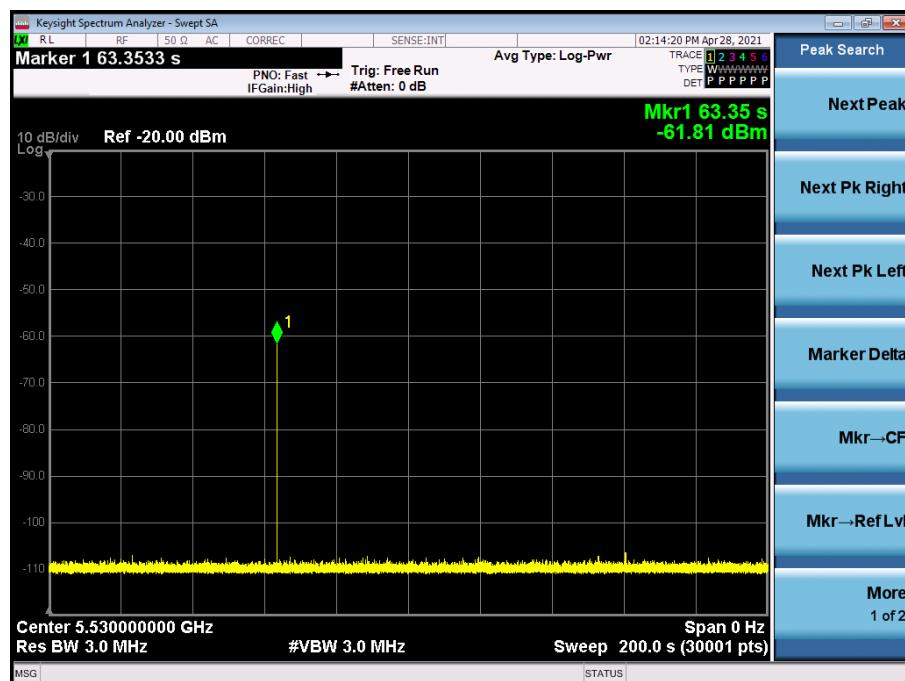
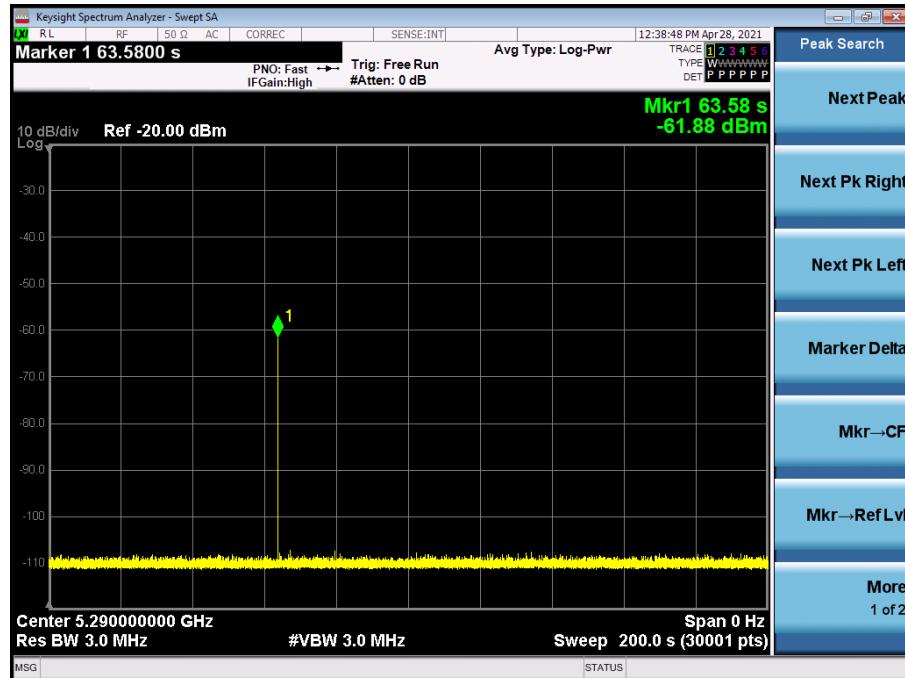
8.3.3 Measurement Data



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Radar Burst at the Beginning of the Channel Availability Check Time



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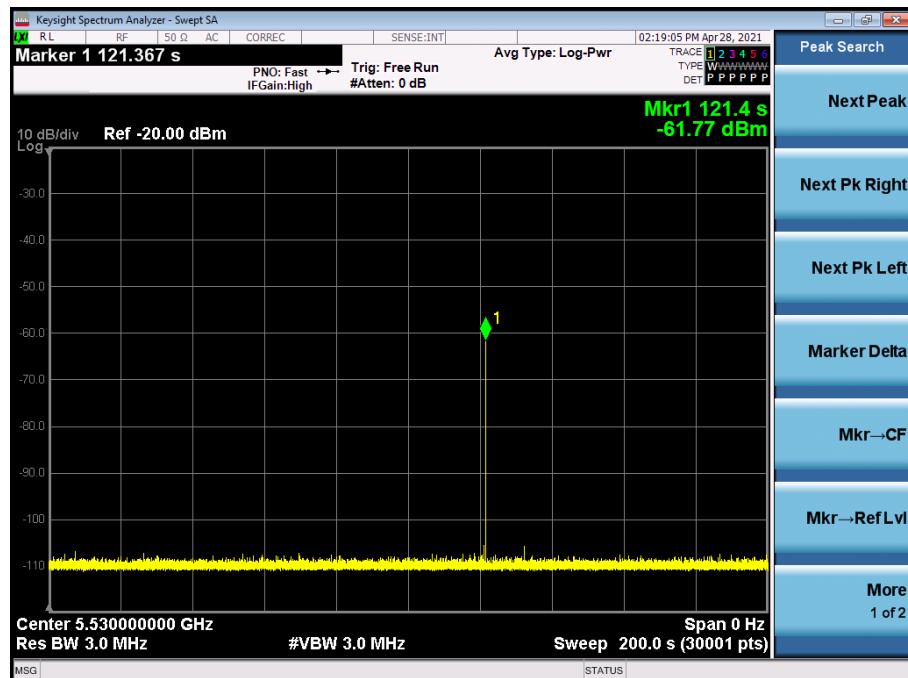
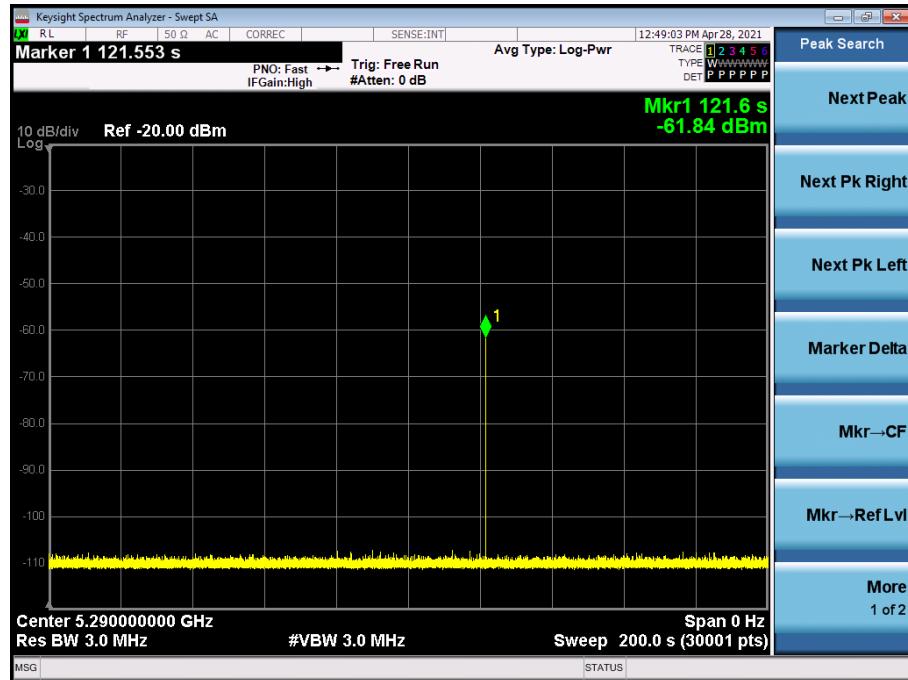
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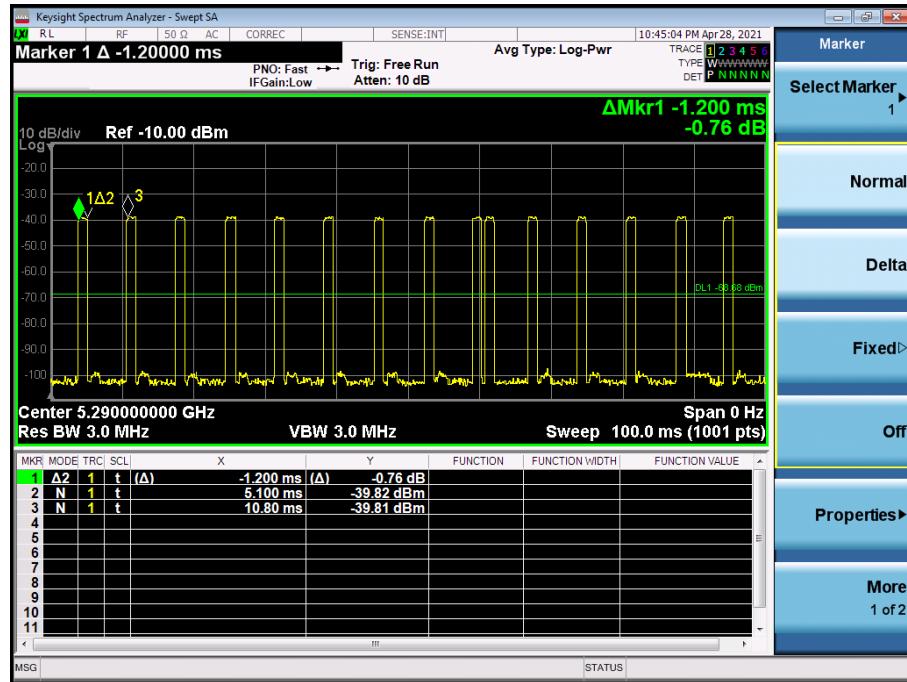
Radar Burst at the End of the Channel Availability Check Time



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EUT data traffic(Duty Cycle=18%)



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8.4 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period (7.8.3)

8.4.1 Limit of In-Service Monitoring

The EUT has In-Service Monitoring function to continuously monitor the radar signals. If radar is detected, it must leave the channel (Shutdown). The Channel Move Time to cease all transmissions on the current Channel upon detection of a Radar Waveform above the DFS Detection Threshold within 10 sec.

The total duration of Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating Channel changes (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.

Non-Occupancy Period time is 30 minutes during which a Channel will not be utilized after a Radar Waveform is detected on that Channel.

8.4.2 Test Procedure

The steps below define the procedure to determine the above-mentioned parameters when a radar *Burst* with a level equal to the *DFS Detection Threshold* + 1dB is generated on the *Operating Channel* of the U-NII device (*In- Service Monitoring*).

1. One frequency will be chosen from the *Operating Channels* of the UUT within the 5250-5350 MHz or 5470-5725 MHz bands. For 802.11 devices, the test frequency must contain control signals. This can be verified by disabling channel loading and monitoring the spectrum analyzer. If no control signals are detected, another frequency must be selected within the emission bandwidth where control signals are detected.
2. In case the UUT is a U-NII device operating as a *Client Device* (with or without DFS), a U-NII device operating as a *Master Device* will be used to allow the UUT (Client device) to *Associate* with the *Master Device*. In case the UUT is a *Master Device*, a U-NII device operating as a *Client Device* will be used and it is assumed that the Client will *Associate* with the UUT (Master). In both cases for conducted tests, the *Radar Waveform* generator will be connected to the *Master Device*. For radiated tests, the emissions of the *Radar Waveform* generator will be directed towards the *Master Device*. If the *Master Device* has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
3. Stream the channel loading test file from the *Master Device* to the *Client Device* on the test *Channel* for the entire period of the test.
4. At time T0 the *Radar Waveform* generator sends a *Burst* of pulses for one of the Radar Type 0 in **Table 5** at levels defined in **Table 3**, on the *Operating Channel*. An additional 1 dB is added to the radar test signal to ensure it is at or above the *DFS Detection Threshold*, accounting for equipment variations/errors.
5. Observe the transmissions of the UUT at the end of the radar *Burst* on the *Operating Channel* for duration greater than 10 seconds. Measure and record the transmissions from the UUT during the observation time (*Channel Move Time*). Measure and record the *Channel Move Time* and *Channel Closing Transmission Time* if radar detection occurs. **Figure 17** illustrates *Channel Closing Transmission Time*.
6. When operating as a *Master Device*, monitor the UUT for more than 30 minutes following instant T2 to verify that the UUT does not resume any transmissions on this *Channel*. Perform this test once and record the measurement result.
7. In case the UUT is a U-NII device operating as a *Client Device* with *In-Service Monitoring*, perform steps 1 to 6.



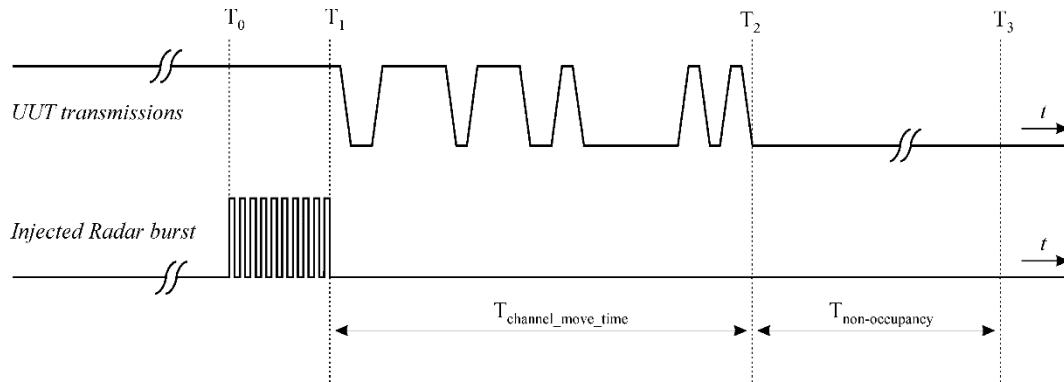


Figure 17: Example of Channel Closing Transmission Time & Channel Closing Time

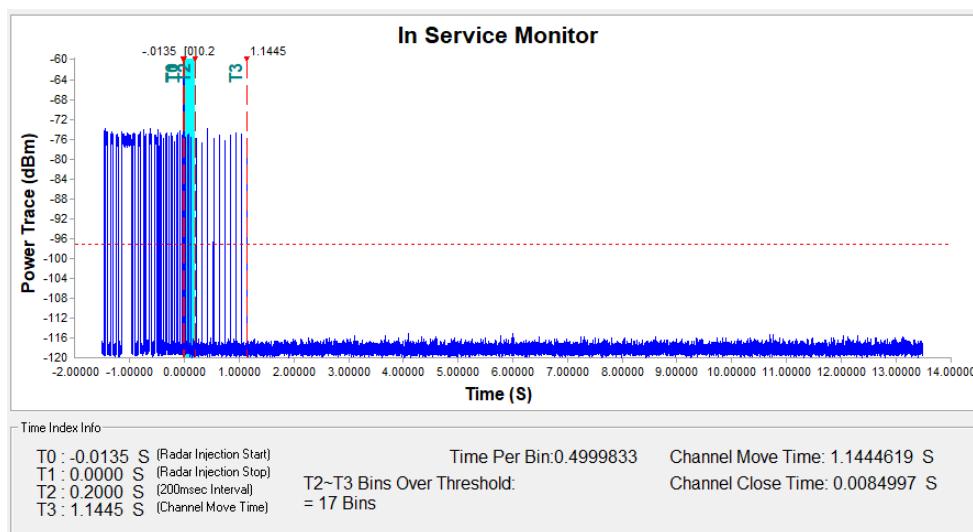
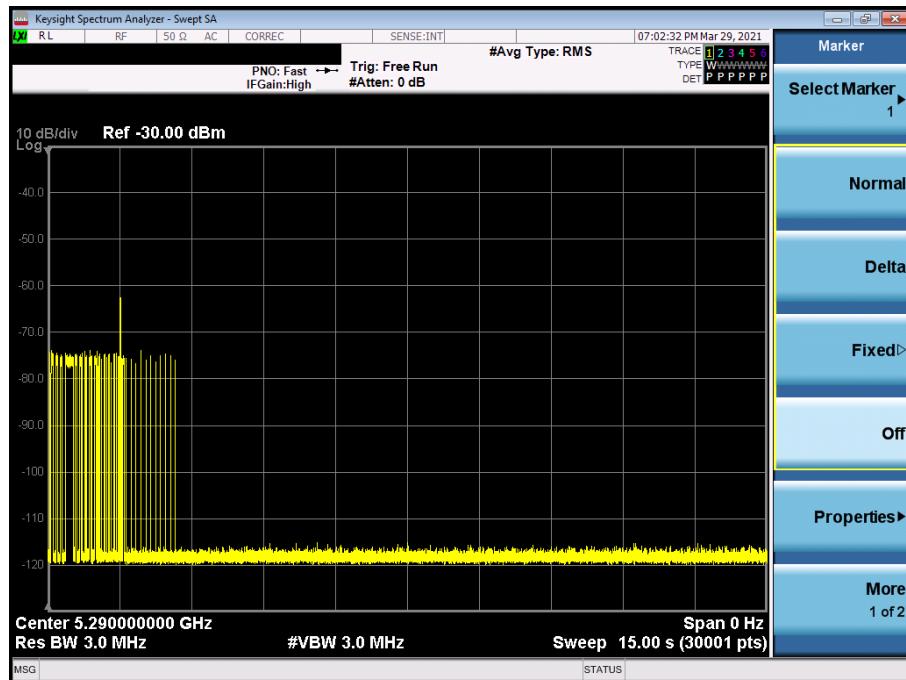


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8.4.3 Measurement Data

Channel Move Time and Channel Closing Transmission Time



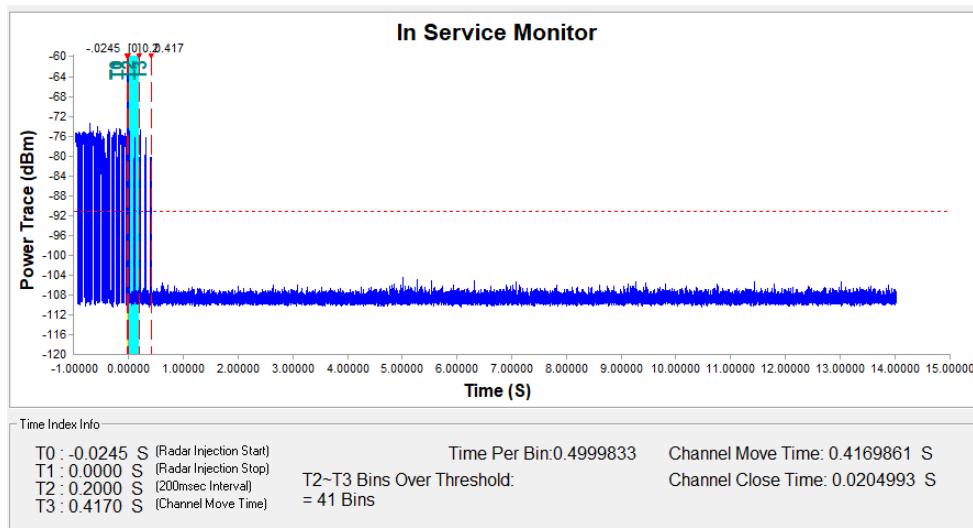
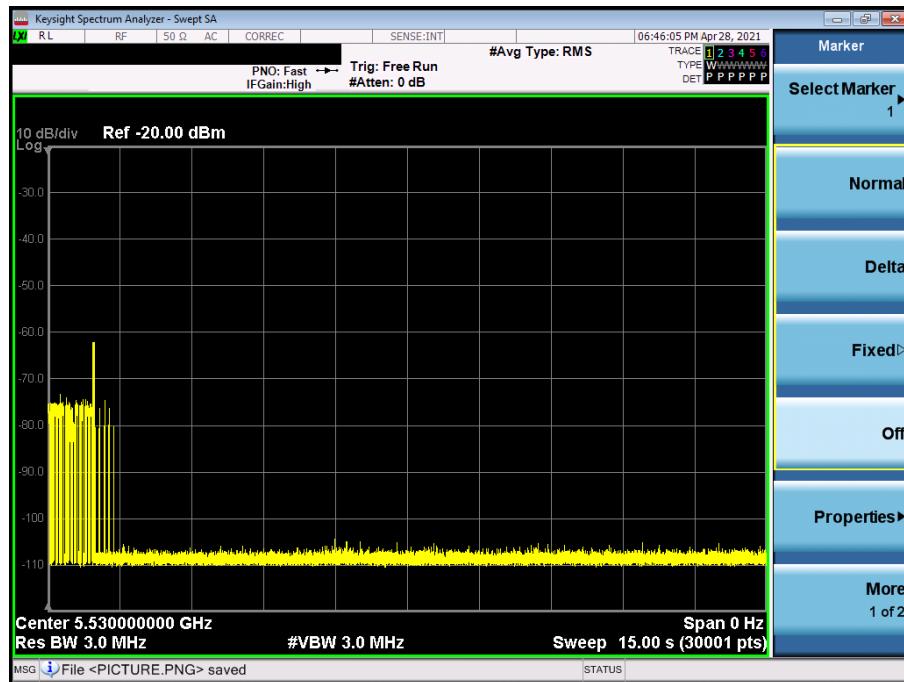
Channel Move Time: 1.144 sec

Channel Closing Transmission Time: 0.008 sec

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Channel Move Time and Channel Closing Transmission Time



Channel Move Time: 0.417 sec

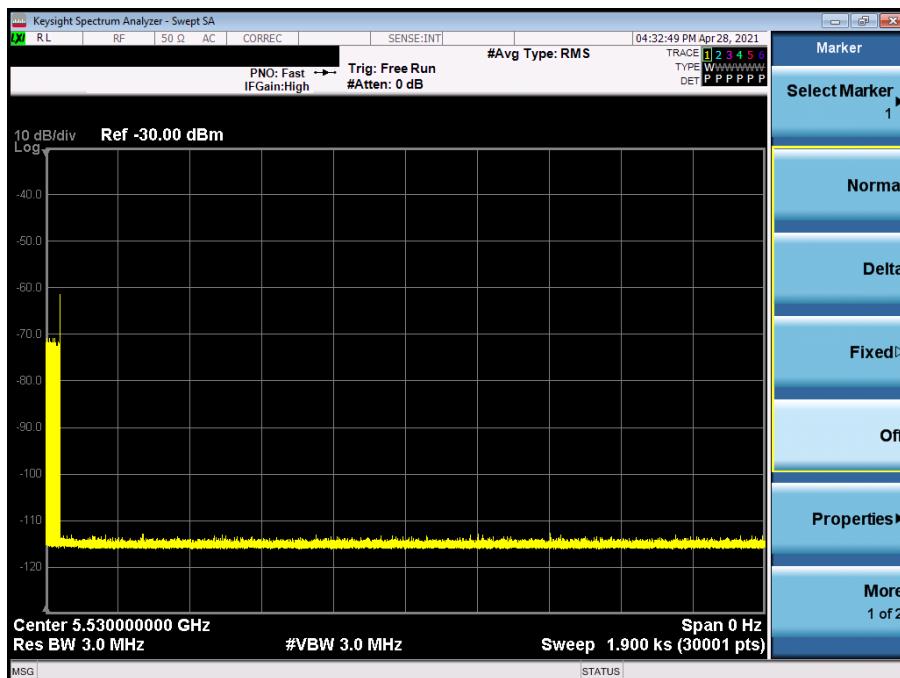
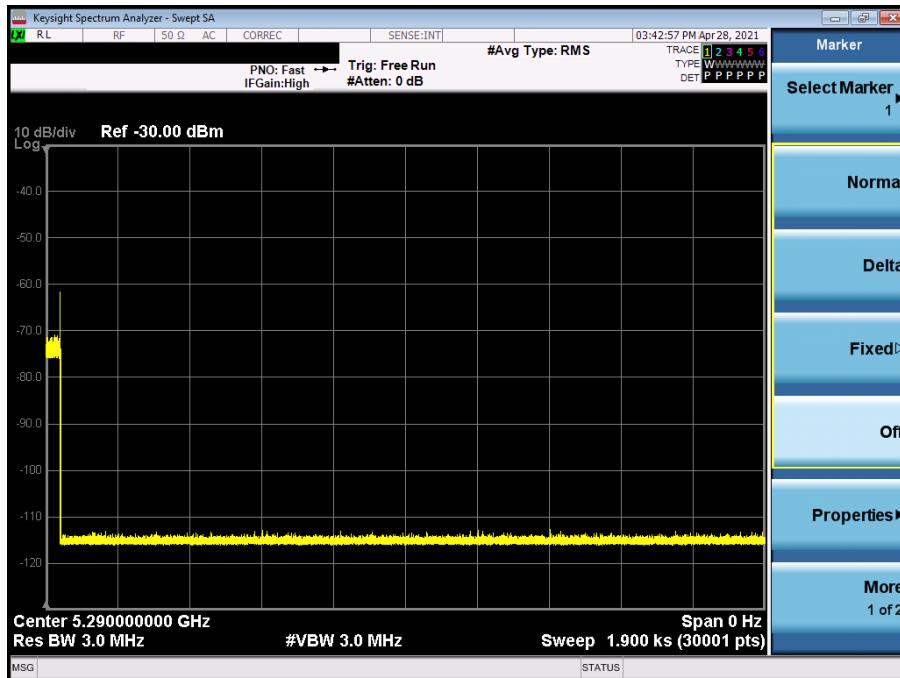
Channel Closing Transmission Time: 0.020 sec

Note: all modes were tested, only record the worst data.

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Non-Occupancy Period



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8.5 Statistical Performance Check (7.8.4)

8.5.1 Limit of Statistical Performance Check

Refer to Table 5, 5a, 6, 7

8.5.2 Test Procedure

The steps below define the procedure to determine the minimum percentage of successful detection requirements found in **Tables 5-7** when a radar burst with a level equal to the *DFS Detection Threshold* + 1dB is generated on the *Operating Channel* of the U-NII device (*In- Service Monitoring*).

1. One frequency will be chosen from the *Operating Channels* of the UUT within the 5250-5350 MHz or 5470-5725 MHz bands.
2. In case the UUT is a U-NII device operating as a *Client Device* (with or without Radar Detection), a U-NII device operating as a *Master Device* will be used to allow the UUT (Client device) to *Associate* with the *Master Device*. In case the UUT is a *Master Device*, a U-NII device operating as a *Client Device* will be used and it is assumed that the Client will *Associate* with the UUT (Master). In both cases for conducted tests, the *Radar Waveform* generator will be connected to the *Master Device*. For radiated tests, the emissions of the *Radar Waveform* generator will be directed towards the *Master Device*. If the *Master Device* has antenna gain, the main beam of the antenna will be directed toward the radar emitter. Vertical polarization is used for testing.
3. Stream the channel loading test file from the *Master Device* to the *Client Device* on the test *Channel* for the entire period of the test.
4. At time T_0 the *Radar Waveform* generator sends the individual waveform for each of the Radar Types 1- 6 in **Tables 5-7**, at levels defined in **Table 3**, on the *Operating Channel*. An additional 1 dB is added to the radar test signal to ensure it is at or above the *DFS Detection Threshold*, accounting for equipment variations/errors.
5. Observe the transmissions of the UUT at the end of the Burst on the *Operating Channel* for duration greater than 10 seconds for Radar Type 0 to ensure detection occurs.
6. Observe the transmissions of the UUT at the end of the Burst on the *Operating Channel* for duration greater than 22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.
7. In case the UUT is a U-NII device operating as a *Client Device* with *In-Service Monitoring*, perform steps 1 to 6.

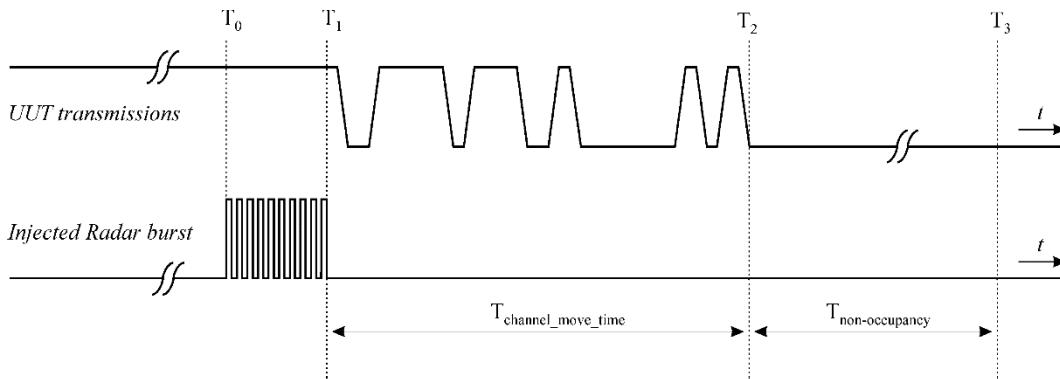


Figure 17: Example of Channel Closing Transmission Time & Channel Closing Time

8.5.3 Measurement Data



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Test Channel: 5320MHz; Channel Bandwidth: 20MHz						
Trial No.	Radar Signal Type					
	1	2	3	4	5	6
0	Y	Y	Y	Y	Y	Y
1	Y	N	Y	N	Y	Y
2	Y	Y	Y	Y	Y	Y
3	N	Y	Y	Y	Y	Y
4	Y	Y	N	Y	Y	Y
5	Y	Y	Y	Y	N	Y
6	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	N
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	N	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	N	Y	Y
16	Y	Y	Y	Y	Y	Y
17	Y	Y	N	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	N	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	N	Y	Y	N	Y
24	Y	Y	N	Y	Y	Y
25	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	N	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	N
29	Y	Y	Y	Y	Y	Y
Detection Probability (%)	90.00	93.33	90.00	90.00	93.33	93.33
Aggregate Detection Probability of Type 1 ~ Type 4 (%)	90.83					
Result	Pass	Pass	Pass	Pass	Pass	Pass

Remark: Y: Detected; N: Non-detected.

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Test Channel: 5510MHz; Channel Bandwidth: 40MHz						
Trial No.	Radar Signal Type					
	1	2	3	4	5	6
0	Y	Y	Y	Y	Y	Y
1	Y	Y	Y	Y	Y	Y
2	Y	Y	N	Y	N	Y
3	Y	Y	Y	Y	Y	N
4	N	Y	Y	N	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	N	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	N	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	N
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	Y	N	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	N	Y	Y
21	N	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	N	Y
23	Y	Y	N	Y	Y	Y
24	Y	Y	Y	Y	Y	Y
25	Y	N	Y	Y	Y	Y
26	Y	Y	Y	N	Y	Y
27	Y	Y	Y	Y	Y	N
28	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
Detection Probability (%)	93.33	93.33	90.00	90.00	90.00	90.00
Aggregate Detection Probability of Type 1 ~ Type 4 (%)	91.67					
Result	Pass	Pass	Pass	Pass	Pass	Pass

Remark: Y: Detected; N: Non-detected.

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Test Channel: 5290MHz; Channel Bandwidth: 80MHz						
Trial No.	Radar Signal Type					
	1	2	3	4	5	6
0	Y	Y	Y	Y	Y	Y
1	Y	Y	Y	Y	Y	Y
2	Y	Y	N	Y	Y	Y
3	N	Y	Y	Y	Y	N
4	Y	Y	Y	N	Y	Y
5	Y	Y	Y	Y	Y	Y
6	Y	N	Y	Y	N	Y
7	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y
10	N	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y
16	N	Y	Y	Y	Y	Y
17	Y	Y	N	Y	N	Y
18	Y	Y	Y	Y	Y	Y
19	Y	N	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	N	Y	Y
24	N	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	N	Y
26	Y	N	Y	Y	Y	Y
27	Y	Y	Y	Y	Y	Y
28	Y	Y	N	Y	Y	Y
29	Y	Y	Y	Y	Y	Y
Detection Probability (%)	86.67	90.00	90.00	93.33	90.00	96.67
Aggregate Detection Probability of Type 1 ~ Type 4 (%)	90.00					
Result	Pass	Pass	Pass	Pass	Pass	Pass

Remark: Y: Detected; N: Non-detected.

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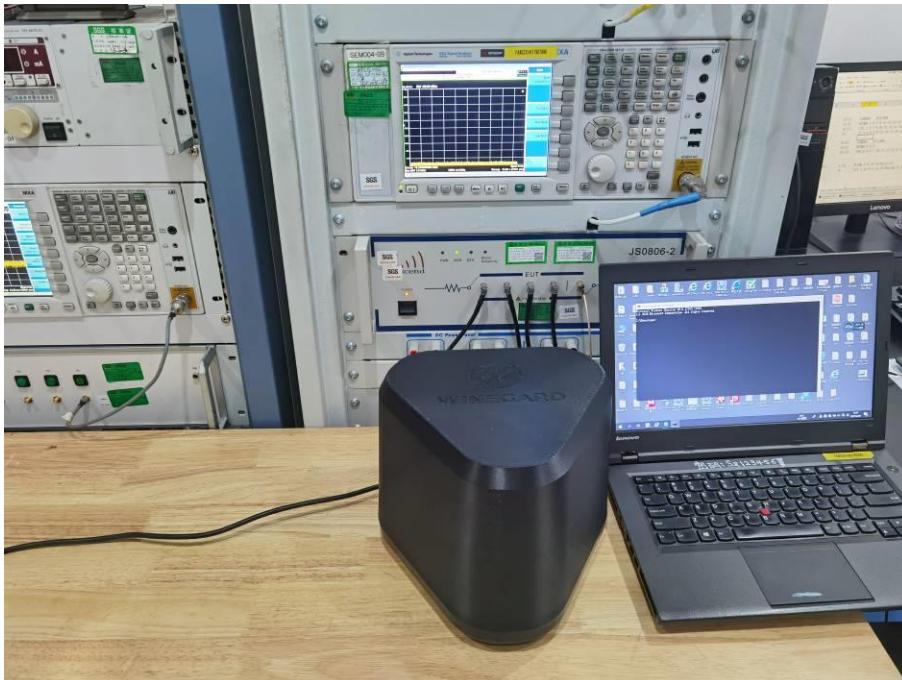
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9 Photographs

9.1 Test Setup



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10 Appendix Radar Test Waveforms

Radar Type 0

Trial List						
	Trial Id	Radar Type	Pulse Width (μs)	PRI (μs)	Number of Pulses	Waveform Length (μs)
Download	0	Type 0	1.0	1428.0	18	25704.0
Download	1	Type 0	1.0	1428.0	18	25704.0
Download	2	Type 0	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 0	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 0	1.0	1428.0	18	25704.0
Download	15	Type 0	1.0	1428.0	18	25704.0
Download	16	Type 0	1.0	1428.0	18	25704.0
Download	17	Type 0	1.0	1428.0	18	25704.0
Download	18	Type 0	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 0	1.0	1428.0	18	25704.0
Download	25	Type 0	1.0	1428.0	18	25704.0
Download	26	Type 0	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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Radar Type 1

Trial List

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform 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
Download	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

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Radar Type 2

Trial List

	Trial Id	Radar Type	Pulse Width (μs)	PRI (μs)	Number of Pulses	Waveform Length (μs)
Download	0	Type 2	3.2	179.0	26	4654.0
Download	1	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	4.7	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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Radar Type 3

Trial List

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform 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	Type 3	8.1	439.0	17	7463.0
Download	9	Type 3	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	Type 3	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	Type 3	10.0	324.0	18	5832.0
Download	17	Type 3	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	Type 3	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	Type 3	9.2	284.0	18	5112.0

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Radar Type 4

Trial List

	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Number of Pulses	Waveform 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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Radar Type 5 - All

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	16	Type 5	20	0.6000000	12.0000000	5.505500000				
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	18	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	19	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	20	Type 5	16	0.7500000	12.0000000	5.496500000				
Download	21	Type 5	12	1.0000000	12.0000000	5.498900000				
Download	22	Type 5	20	0.6000000	12.0000000	5.494500000				
Download	23	Type 5	14	0.8571429	12.0000000	5.497700000				
Download	24	Type 5	13	0.9230769	12.0000000	5.498100000				
Download	25	Type 5	8	1.5000000	12.0000000	5.500500000				
Download	26	Type 5	17	0.7058824	12.0000000	5.496100000				
Download	27	Type 5	19	0.6315789	12.0000000	5.494900000				
Download	28	Type 5	12	1.0000000	12.0000000	5.498500000				
Download	29	Type 5	18	0.6666667	12.0000000	5.495700000				

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Radar Type 5 - Trial 0

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	0	Type 5	15	0.8000000	12.0000000	5.500000000			
			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	636185.0	77.8	13	2	1665.0	1477.0	-
			1	32674.0	51.9	13	1	1074.0	-	-
			2	226294.0	63.8	13	1	1584.0	-	-
			3	417976.0	96.6	13	3	1682.0	1786.0	1843.0
			4	611152.0	85.9	13	3	1795.0	1215.0	1729.0
			5	8789.0	73.7	13	2	1198.0	1549.0	-
			6	201917.0	77.2	13	2	1837.0	1819.0	-
			7	395530.0	68.4	13	2	1587.0	1114.0	-
			8	588564.0	76.7	13	2	2000.0	1155.0	-
			9	783794.0	53.2	13	1	1147.0	-	-
			10	177933.0	85.7	13	3	1433.0	1695.0	1394.0
			11	370624.0	94.3	13	3	1670.0	1426.0	1935.0
			12	564893.0	77.6	13	2	1294.0	1671.0	-
			13	759583.0	65.7	13	1	1512.0	-	-
			14	154262.0	93.5	13	3	1444.0	1130.0	1468.0
	Download	1	Type 5	8	1.5000000	12.0000000	5.500000000			
	Download	2	Type 5	11	1.0909091	12.0000000	5.500000000			
	Download	3	Type 5	20	0.6000000	12.0000000	5.500000000			
	Download	4	Type 5	17	0.7058824	12.0000000	5.500000000			
	Download	5	Type 5	14	0.8571429	12.0000000	5.500000000			
	Download	6	Type 5	15	0.8000000	12.0000000	5.500000000			
	Download	7	Type 5	12	1.0000000	12.0000000	5.500000000			
	Download	8	Type 5	14	0.8571429	12.0000000	5.500000000			
	Download	9	Type 5	8	1.5000000	12.0000000	5.500000000			
	Download	10	Type 5	17	0.7058824	12.0000000	5.503900000			
	Download	11	Type 5	19	0.6315789	12.0000000	5.505100000			
	Download	12	Type 5	15	0.8000000	12.0000000	5.502700000			
	Download	13	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	14	Type 5	19	0.6315789	12.0000000	5.504700000			

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Radar Type 5 - Trial 1

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
							Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)
							0	653020.0	75.0	5
<input checked="" type="checkbox"/>	Download 0	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 1	Type 5	8	1.5000000	12.0000000	5.500000000				
							Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)
							0	653020.0	75.0	5
							1	1015643.0	99.4	5
							2	1379398.0	67.4	5
							3	245489.0	73.6	5
							4	609113.0	65.9	5
							5	970852.0	83.8	5
							6	1335913.0	65.5	5
							7	200406.0	98.6	5
										3
<input checked="" type="checkbox"/>	Download 2	Type 5	11	1.0909091	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 3	Type 5	20	0.6000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 4	Type 5	17	0.7058824	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 5	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 6	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 7	Type 5	12	1.0000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 8	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 9	Type 5	8	1.5000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 10	Type 5	17	0.7058824	12.0000000	5.503900000				
<input checked="" type="checkbox"/>	Download 11	Type 5	19	0.6315789	12.0000000	5.505100000				
<input checked="" type="checkbox"/>	Download 12	Type 5	15	0.8000000	12.0000000	5.502700000				
<input checked="" type="checkbox"/>	Download 13	Type 5	12	1.0000000	12.0000000	5.501500000				
<input checked="" type="checkbox"/>	Download 14	Type 5	19	0.6315789	12.0000000	5.504700000				
<input checked="" type="checkbox"/>	Download 15	Type 5	14	0.8571429	12.0000000	5.502300000				
<input checked="" type="checkbox"/>	Download 16	Type 5	20	0.6000000	12.0000000	5.505500000				
<input checked="" type="checkbox"/>	Download 17	Type 5	12	1.0000000	12.0000000	5.501500000				
<input checked="" type="checkbox"/>	Download 18	Type 5	14	0.8571429	12.0000000	5.502300000				
<input checked="" type="checkbox"/>	Download 19	Type 5	12	1.0000000	12.0000000	5.501500000				
<input checked="" type="checkbox"/>	Download 20	Type 5	16	0.7500000	12.0000000	5.496500000				

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Radar Type 5 - Trial 2

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
		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	409565.0	73.8	9	2	1806.0	1538.0	—	
		1	673692.0	69.5	9	2	1117.0	1649.0	—	
		2	938562.0	51.9	9	1	1651.0	—	—	
		3	113209.0	84.6	9	3	1976.0	1032.0	1271.0	
		4	376726.0	95.4	9	3	1060.0	1903.0	1388.0	
		5	641212.0	68.0	9	2	1368.0	1351.0	—	
		6	903714.0	89.6	9	3	1338.0	1514.0	1573.0	
		7	80863.0	81.9	9	2	1022.0	1689.0	—	
		8	344067.0	88.3	9	3	1810.0	1330.0	1838.0	
		9	609331.0	53.7	9	1	1597.0	—	—	
		10	871542.0	91.3	9	3	1961.0	1106.0	1001.0	
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	16	Type 5	20	0.6000000	12.0000000	5.505500000				
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	18	Type 5	14	0.8571429	12.0000000	5.502300000				

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Radar Type 5 - Trial 3

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
<input checked="" type="checkbox"/>	Download 0	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 1	Type 5	8	1.5000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 2	Type 5	11	1.0909091	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 3	Type 5	20	0.6000000	12.0000000	5.500000000				
		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	26541.0	68.1	19	2	1339.0	1355.0	—	
		1	171821.0	58.7	19	1	1251.0	—	—	
		2	316229.0	75.3	19	2	1136.0	1640.0	—	
		3	461864.0	56.4	19	1	1753.0	—	—	
		4	8677.0	99.7	19	3	1196.0	1708.0	1159.0	
		5	153995.0	57.7	19	1	1013.0	—	—	
		6	299238.0	59.5	19	1	1072.0	—	—	
		7	443177.0	80.0	19	2	1482.0	1369.0	—	
		8	587671.0	82.0	19	2	1993.0	1197.0	—	
		9	135674.0	82.8	19	2	1883.0	1005.0	—	
		10	279928.0	88.0	19	3	1061.0	1928.0	1101.0	
		11	424279.0	93.2	19	3	1207.0	1907.0	1223.0	
		12	570132.0	70.4	19	2	1526.0	1360.0	—	
		13	117439.0	95.3	19	3	1171.0	1955.0	1775.0	
		14	262502.0	81.9	19	2	1690.0	1545.0	—	
		15	406573.0	98.5	19	3	1975.0	1169.0	1062.0	
		16	553328.0	65.0	19	1	1767.0	—	—	
		17	99799.0	85.4	19	3	1011.0	1637.0	1425.0	
		18	244095.0	91.6	19	3	1878.0	1445.0	1325.0	
		19	390012.0	67.3	19	2	1091.0	1218.0	—	
<input checked="" type="checkbox"/>	Download 4	Type 5	17	0.7058824	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 5	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 6	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 7	Type 5	12	1.0000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 8	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 9	Type 5	8	1.5000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 10	Type 5	17	0.7058824	12.0000000	5.503900000				

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Radar Type 5 - Trial 4

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
<input checked="" type="checkbox"/>	Download 0	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 1	Type 5	8	1.5000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 2	Type 5	11	1.0909091	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 3	Type 5	20	0.6000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 4	Type 5	17	0.7058824	12.0000000	5.500000000				
		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	629614.0	67.9	16	2	1320.0	1133.0	—	
		1	96856.0	62.3	16	1	1957.0	—	—	
		2	267719.0	53.3	16	1	1592.0	—	—	
		3	436784.0	90.0	16	3	1900.0	1153.0	1346.0	
		4	608289.0	77.1	16	2	1186.0	1646.0	—	
		5	75610.0	83.9	16	3	1278.0	1232.0	1459.0	
		6	245638.0	89.1	16	3	1240.0	1384.0	1939.0	
		7	416355.0	81.8	16	2	1833.0	1676.0	—	
		8	588736.0	50.3	16	1	1075.0	—	—	
		9	54571.0	87.1	16	3	1116.0	1996.0	1756.0	
		10	225175.0	71.3	16	2	1225.0	1815.0	—	
		11	394825.0	97.5	16	3	1884.0	1465.0	1132.0	
		12	565361.0	90.6	16	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	16	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	16	3	1150.0	1244.0	1988.0	
<input checked="" type="checkbox"/>	Download 5	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 6	Type 5	15	0.8000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 7	Type 5	12	1.0000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 8	Type 5	14	0.8571429	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 9	Type 5	8	1.5000000	12.0000000	5.500000000				
<input checked="" type="checkbox"/>	Download 10	Type 5	17	0.7058824	12.0000000	5.503900000				
<input checked="" type="checkbox"/>	Download 11	Type 5	19	0.6315789	12.0000000	5.505100000				
<input checked="" type="checkbox"/>	Download 12	Type 5	15	0.8000000	12.0000000	5.502700000				
<input checked="" type="checkbox"/>	Download 13	Type 5	12	1.0000000	12.0000000	5.501500000				

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Radar Type 5 - Trial 5

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
		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	15438.0	92.9	12	3	1085.0	1564.0	1407.0	
		1	222486.0	67.7	12	2	1744.0	1747.0	—	
		2	430731.0	65.8	12	1	1092.0	—	—	
		3	637784.0	56.3	12	1	1851.0	—	—	
		4	845342.0	53.7	12	1	1727.0	—	—	
		5	196720.0	83.5	12	3	1679.0	1930.0	1025.0	
		6	404955.0	65.8	12	1	1519.0	—	—	
		7	610711.0	85.9	12	3	1134.0	1034.0	1808.0	
		8	818057.0	76.3	12	2	1606.0	1926.0	—	
		9	171459.0	81.5	12	2	1891.0	1714.0	—	
		10	377969.0	89.4	12	3	1310.0	1594.0	1827.0	
		11	586875.0	63.4	12	1	1568.0	—	—	
		12	792834.0	69.6	12	2	1307.0	1925.0	—	
		13	146044.0	74.5	12	2	1264.0	1846.0	—	
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				

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Radar Type 5 - Trial 6

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
		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	329022.0	96.6	13	3	1182.0	1609.0	1581.0	
		1	521718.0	96.7	13	3	1829.0	1799.0	1154.0	
		2	714222.0	86.5	13	3	1923.0	1396.0	1865.0	
		3	112450.0	73.3	13	2	1908.0	1318.0	—	
		4	306283.0	55.8	13	1	1688.0	—	—	
		5	500239.0	55.4	13	1	1145.0	—	—	
		6	690932.0	85.3	13	3	1336.0	1504.0	1820.0	
		7	88645.0	79.4	13	2	1344.0	1893.0	—	
		8	282508.0	65.7	13	1	1476.0	—	—	
		9	475842.0	68.6	13	2	1008.0	1028.0	—	
		10	667887.0	77.7	13	2	1972.0	1835.0	—	
		11	64845.0	79.6	13	2	1882.0	1331.0	—	
		12	257755.0	94.9	13	3	1830.0	1070.0	1349.0	
		13	452335.0	61.4	13	1	1451.0	—	—	
		14	643395.0	90.6	13	3	1233.0	1562.0	1887.0	
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				

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Radar Type 5 - Trial 7

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
		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	51446.0	52.6	10	1	1210.0	—	—	
		1	292696.0	84.1	10	3	1314.0	1725.0	1529.0	
		2	533989.0	97.7	10	3	1139.0	1868.0	1805.0	
		3	775564.0	97.3	10	3	1341.0	1446.0	1755.0	
		4	21542.0	98.8	10	3	1544.0	1386.0	1302.0	
		5	263385.0	72.2	10	2	1771.0	1184.0	—	
		6	505581.0	67.6	10	2	1175.0	1027.0	—	
		7	747058.0	75.7	10	2	1026.0	1871.0	—	
		8	989976.0	60.9	10	1	1798.0	—	—	
		9	234024.0	64.2	10	1	1138.0	—	—	
		10	475207.0	78.8	10	2	1784.0	1604.0	—	
		11	715825.0	87.5	10	3	1511.0	1712.0	1683.0	
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	16	Type 5	20	0.6000000	12.0000000	5.505500000				
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				

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Radar Type 5 - Trial 8

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
		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	823112.0	54.1	13	1	1415.0	—	—	
		1	174965.0	50.7	13	1	1221.0	—	—	
		2	382216.0	52.3	13	1	1374.0	—	—	
		3	587395.0	99.8	13	3	1558.0	1696.0	1949.0	
		4	796897.0	68.4	13	2	1014.0	1099.0	—	
		5	149042.0	80.8	13	2	1736.0	1505.0	—	
		6	356750.0	62.5	13	1	1778.0	—	—	
		7	563824.0	74.8	13	2	1149.0	1204.0	—	
		8	772314.0	50.8	13	1	1049.0	—	—	
		9	123796.0	54.0	13	1	1417.0	—	—	
		10	331215.0	63.0	13	1	1730.0	—	—	
		11	537402.0	91.8	13	3	1143.0	1270.0	1347.0	
		12	744805.0	79.3	13	2	1274.0	1992.0	—	
		13	98172.0	64.3	13	1	1937.0	—	—	
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				

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Radar Type 5 - Trial 9

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
		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	535615.0	63.4	6	1	1043.0	—	—	
		1	898668.0	52.0	6	1	1863.0	—	—	
		2	1259235.0	97.2	6	3	1973.0	1605.0	1583.0	
		3	127106.0	78.7	6	2	1466.0	1743.0	—	
		4	490358.0	74.2	6	2	1280.0	1219.0	—	
		5	852409.0	88.7	6	3	1293.0	1934.0	1273.0	
		6	1217152.0	54.3	6	1	1991.0	—	—	
		7	82296.0	95.4	6	3	1580.0	1555.0	1791.0	
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	16	Type 5	20	0.6000000	12.0000000	5.505500000				
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	18	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	19	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	20	Type 5	16	0.7500000	12.0000000	5.496500000				

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Radar Type 5 - Trial 10

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	0	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	1	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	2	Type 5	11	1.0909091	12.0000000	5.500000000				
Download	3	Type 5	20	0.6000000	12.0000000	5.500000000				
Download	4	Type 5	17	0.7058824	12.0000000	5.500000000				
Download	5	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	6	Type 5	15	0.8000000	12.0000000	5.500000000				
Download	7	Type 5	12	1.0000000	12.0000000	5.500000000				
Download	8	Type 5	14	0.8571429	12.0000000	5.500000000				
Download	9	Type 5	8	1.5000000	12.0000000	5.500000000				
Download	10	Type 5	17	0.7058824	12.0000000	5.503900000				
		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	209249.0	73.7	16	2	1208.0	1497.0	—	
		1	378386.0	97.4	16	3	1942.0	1754.0	1613.0	
		2	548411.0	91.7	16	3	1999.0	1702.0	1462.0	
		3	17733.0	66.2	16	1	1393.0	—	—	
		4	187952.0	70.8	16	2	1968.0	1821.0	—	
		5	359277.0	52.3	16	1	1740.0	—	—	
		6	528886.0	78.9	16	2	1308.0	1984.0	—	
		7	700166.0	70.9	16	2	1050.0	1358.0	—	
		8	167197.0	75.6	16	2	1437.0	1430.0	—	
		9	338262.0	59.1	16	1	1697.0	—	—	
		10	508324.0	77.0	16	2	1397.0	1304.0	—	
		11	678689.0	67.9	16	2	1803.0	1083.0	—	
		12	146031.0	81.2	16	2	1720.0	1932.0	—	
		13	316923.0	78.7	16	2	1247.0	1121.0	—	
		14	488056.0	63.3	16	1	1634.0	—	—	
		15	657326.0	68.9	16	2	1849.0	1423.0	—	
		16	125509.0	59.3	16	1	1093.0	—	—	
Download	11	Type 5	19	0.6315789	12.0000000	5.505100000				
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				

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Radar Type 5 - Trial 11

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	11	Type 5	19	0.6315789	12.0000000	5.505100000			
			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	263736.0	98.9	19	3	1381.0	1680.0	1488.0
			1	416459.0	82.3	19	2	1716.0	1855.0	-
			2	567902.0	86.7	19	3	1211.0	1400.0	1919.0
			3	92979.0	89.7	19	3	1861.0	1068.0	1282.0
			4	245155.0	98.6	19	3	1507.0	1194.0	1461.0
			5	397609.0	71.1	19	2	1921.0	1789.0	-
			6	551431.0	55.9	19	1	1947.0	-	-
			7	74413.0	67.9	19	2	1350.0	1372.0	-
			8	226559.0	84.4	19	3	1203.0	1107.0	1443.0
			9	380056.0	58.8	19	1	1715.0	-	-
			10	533408.0	65.6	19	1	1017.0	-	-
			11	55547.0	78.5	19	2	1911.0	1704.0	-
			12	207876.0	82.3	19	2	1845.0	1686.0	-
			13	359771.0	90.1	19	3	1938.0	1071.0	1266.0
			14	511297.0	90.2	19	3	1989.0	1089.0	1950.0
			15	36803.0	83.1	19	2	1943.0	1406.0	-
			16	189652.0	58.8	19	1	1742.0	-	-
			17	341809.0	77.0	19	2	1187.0	1657.0	-
			18	495737.0	55.0	19	1	1012.0	-	-
Download	12	Type 5	15	0.8000000	12.0000000	5.502700000				
Download	13	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	14	Type 5	19	0.6315789	12.0000000	5.504700000				
Download	15	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	16	Type 5	20	0.6000000	12.0000000	5.505500000				
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	18	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	19	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	20	Type 5	16	0.7500000	12.0000000	5.496500000				
Download	21	Type 5	12	1.0000000	12.0000000	5.498900000				

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Radar Type 5 - Trial 12

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	12	Type 5	15	0.8000000	12.0000000	5.502700000			
			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	22911.0	58.1	13	1	1929.0	—	—
			1	216473.0	52.1	13	1	1910.0	—	—
			2	410004.0	59.9	13	1	1971.0	—	—
			3	603671.0	60.2	13	1	1812.0	—	—
			4	794160.0	95.9	13	3	1399.0	1906.0	1608.0
			5	192251.0	79.9	13	2	1626.0	1859.0	—
			6	385590.0	78.5	13	2	1238.0	1917.0	—
			7	579862.0	53.8	13	1	1763.0	—	—
			8	773423.0	64.7	13	1	1800.0	—	—
			9	168898.0	61.4	13	1	1390.0	—	—
			10	361606.0	83.2	13	2	1692.0	1858.0	—
			11	553866.0	84.7	13	3	1533.0	1677.0	1638.0
			12	747241.0	88.7	13	3	1703.0	1528.0	1058.0
			13	144710.0	78.3	13	2	1258.0	1951.0	—
			14	337856.0	69.3	13	2	1731.0	1717.0	—
■	Download	13	Type 5	12	1.0000000	12.0000000	5.501500000			
■	Download	14	Type 5	19	0.6315789	12.0000000	5.504700000			
■	Download	15	Type 5	14	0.8571429	12.0000000	5.502300000			
■	Download	16	Type 5	20	0.6000000	12.0000000	5.505500000			
■	Download	17	Type 5	12	1.0000000	12.0000000	5.501500000			
■	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
■	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
■	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
■	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
■	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
■	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
■	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
■	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
■	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			

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Radar Type 5 - Trial 13

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	13	Type 5	12	1.0000000	12.0000000	5.501500000			
			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	664275.0	75.3	10	2	1994.0	1612.0	-
			1	907886.0	56.3	10	1	1456.0	-	-
			2	151316.0	67.7	10	2	1617.0	1185.0	-
			3	393746.0	55.6	10	1	1337.0	-	-
			4	635093.0	75.2	10	2	1421.0	1267.0	-
			5	876993.0	76.3	10	2	1359.0	1305.0	-
			6	121278.0	85.7	10	3	1547.0	1362.0	1924.0
			7	362696.0	98.4	10	3	1873.0	1550.0	1249.0
			8	604342.0	86.4	10	3	1779.0	1439.0	1046.0
			9	846453.0	93.6	10	3	1059.0	1031.0	1452.0
			10	91871.0	63.3	10	1	1328.0	-	-
			11	333050.0	92.4	10	3	1412.0	1673.0	1322.0
	Download	14	Type 5	19	0.6315789	12.0000000	5.504700000			
	Download	15	Type 5	14	0.8571429	12.0000000	5.502300000			
	Download	16	Type 5	20	0.6000000	12.0000000	5.505500000			
	Download	17	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			

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Radar Type 5 - Trial 14

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	14	Type 5	19	0.6315789	12.0000000	5.504700000			
			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	361323.0	93.3	18	3	1983.0	1912.0	1535.0
			1	515261.0	69.1	18	2	1102.0	1794.0	-
			2	39025.0	86.9	18	3	1044.0	1152.0	1148.0
			3	190900.0	84.9	18	3	1894.0	1948.0	1118.0
			4	343941.0	72.3	18	2	1094.0	1916.0	-
			5	497624.0	51.7	18	1	1447.0	-	-
			6	20319.0	58.3	18	1	1429.0	-	-
			7	172999.0	60.8	18	1	1979.0	-	-
			8	325872.0	57.1	18	1	1641.0	-	-
			9	475841.0	88.9	18	3	1886.0	1964.0	1489.0
			10	1489.0	72.0	18	2	1909.0	1297.0	-
			11	153647.0	90.9	18	3	1261.0	1566.0	1370.0
			12	307096.0	59.8	18	1	1552.0	-	-
			13	458804.0	70.0	18	2	1759.0	1291.0	-
			14	610798.0	67.2	18	2	1625.0	1881.0	-
			15	134759.0	91.2	18	3	1382.0	1832.0	1661.0
			16	288306.0	56.5	18	1	1483.0	-	-
			17	441296.0	51.2	18	1	1237.0	-	-
			18	592780.0	74.1	18	2	1471.0	1245.0	-
⊕	Download	15	Type 5	14	0.8571429	12.0000000	5.502300000			
⊕	Download	16	Type 5	20	0.6000000	12.0000000	5.505500000			
⊕	Download	17	Type 5	12	1.0000000	12.0000000	5.501500000			
⊕	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
⊕	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
⊕	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
⊕	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
⊕	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
⊕	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
⊕	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			

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Radar Type 5 - Trial 15

Trial List

	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	15	Type 5	14	0.8571429	12.0000000	5.502300000			
			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	158286.0	76.9	12	2	1110.0	1140.0	-
			1	366024.0	50.2	12	1	1316.0	-	-
			2	573452.0	62.9	12	1	1520.0	-	-
			3	780619.0	64.7	12	1	1902.0	-	-
			4	132455.0	83.8	12	3	1410.0	1097.0	1621.0
			5	340207.0	65.4	12	1	1944.0	-	-
			6	548208.0	53.2	12	1	1024.0	-	-
			7	755333.0	51.7	12	1	1603.0	-	-
			8	107117.0	78.7	12	2	1804.0	1168.0	-
			9	314500.0	72.4	12	2	1030.0	1343.0	-
			10	522447.0	53.8	12	1	1327.0	-	-
			11	728517.0	73.6	12	2	1524.0	1553.0	-
			12	81611.0	66.7	12	2	1722.0	1122.0	-
			13	288948.0	82.5	12	2	1404.0	1019.0	-
	Download	16	Type 5	20	0.6000000	12.0000000	5.505500000			
	Download	17	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			

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Radar Type 5 - Trial 16

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	16	Type 5	20	0.6000000	12.0000000	5.505500000			
			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	345766.0	87.6	20	3	1565.0	1055.0	1840.0
			1	490019.0	85.2	20	3	1735.0	1541.0	1408.0
			2	39073.0	84.8	20	3	1534.0	1889.0	1463.0
			3	183923.0	77.9	20	2	1749.0	1460.0	-
			4	328777.0	76.5	20	2	1518.0	1485.0	-
			5	474728.0	60.9	20	1	1540.0	-	-
			6	21394.0	83.0	20	2	1080.0	1010.0	-
			7	165992.0	80.4	20	2	1824.0	1752.0	-
			8	310973.0	67.5	20	2	1764.0	1181.0	-
			9	456884.0	62.1	20	1	1495.0	-	-
			10	3515.0	86.4	20	3	1773.0	1966.0	1263.0
			11	147928.0	84.3	20	3	1593.0	1188.0	1788.0
			12	293225.0	76.9	20	2	1226.0	1537.0	-
			13	436922.0	95.8	20	3	1192.0	1298.0	1844.0
			14	584015.0	55.2	20	1	1644.0	-	-
			15	130832.0	59.0	20	1	1402.0	-	-
			16	274684.0	94.5	20	3	1296.0	1700.0	1283.0
			17	418579.0	91.9	20	3	1970.0	1978.0	1165.0
			18	563464.0	85.2	20	3	1732.0	1551.0	1189.0
			19	112787.0	69.5	20	2	1038.0	1224.0	-
Download	17	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	18	Type 5	14	0.8571429	12.0000000	5.502300000				
Download	19	Type 5	12	1.0000000	12.0000000	5.501500000				
Download	20	Type 5	16	0.7500000	12.0000000	5.496500000				
Download	21	Type 5	12	1.0000000	12.0000000	5.498900000				
Download	22	Type 5	20	0.6000000	12.0000000	5.494500000				

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Radar Type 5 - Trial 17

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	17	Type 5	12	1.0000000	12.0000000	5.501500000			
			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	429224.0	86.4	10	3	1259.0	1918.0	1455.0
			1	670241.0	92.2	10	3	1598.0	1719.0	1895.0
			2	912880.0	80.4	10	2	1816.0	1899.0	-
			3	158603.0	54.3	10	1	1335.0	-	-
			4	400824.0	53.1	10	1	1303.0	-	-
			5	641915.0	69.4	10	2	1503.0	1546.0	-
			6	883823.0	69.1	10	2	1279.0	1639.0	-
			7	128373.0	100.0	10	3	1375.0	1438.0	1595.0
			8	370379.0	79.6	10	2	1239.0	1705.0	-
			9	611194.0	88.4	10	3	1374.0	1579.0	1623.0
			10	855665.0	53.3	10	1	1016.0	-	-
			11	98897.0	65.3	10	1	1709.0	-	-
	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			

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Radar Type 5 - Trial 18

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	18	Type 5	14	0.8571429	12.0000000	5.502300000			
			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	292143.0	55.3	12	1	1920.0	—	—
			1	499633.0	58.3	12	1	1797.0	—	—
			2	706377.0	72.3	12	2	1610.0	1039.0	—
			3	58989.0	84.8	12	3	1131.0	1761.0	1721.0
			4	266161.0	82.5	12	2	1875.0	1431.0	—
			5	474469.0	63.3	12	1	1095.0	—	—
			6	680544.0	80.0	12	2	1119.0	1913.0	—
			7	33519.0	90.3	12	3	1660.0	1853.0	1123.0
			8	240319.0	91.1	12	3	1539.0	1783.0	1172.0
			9	447400.0	96.6	12	3	1525.0	1036.0	1385.0
			10	654516.0	82.7	12	2	1710.0	1990.0	—
			11	8083.0	50.7	12	1	1234.0	—	—
			12	215435.0	78.4	12	2	1047.0	1109.0	—
			13	421325.0	99.5	12	3	1299.0	1965.0	1869.0
	Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			

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Radar Type 5 - Trial 19

Trial List									
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)			
Download	19	Type 5	12	1.0000000	12.0000000	5.501500000			
			Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)
			0	733725.0	88.6	10	3	1501.0	1067.0
			1	977882.0	57.4	10	1	1723.0	—
			2	221197.0	96.6	10	3	1086.0	1658.0
			3	462915.0	69.7	10	2	1751.0	1945.0
			4	705071.0	77.9	10	2	1642.0	1317.0
			5	947923.0	62.0	10	1	1866.0	—
			6	191373.0	88.4	10	3	1997.0	1077.0
			7	432561.0	97.3	10	3	1790.0	1896.0
			8	674004.0	96.2	10	3	1391.0	1787.0
			9	915842.0	95.4	10	3	1020.0	1892.0
			10	162176.0	54.8	10	1	1084.0	—
			11	403553.0	80.4	10	2	1850.0	1436.0
Download	20	Type 5	16	0.7500000	12.0000000	5.496500000			
			Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)
			0	483470.0	74.7	15	2	1619.0	1611.0
			1	666072.0	57.1	15	1	1560.0	—
			2	98810.0	91.9	15	3	1392.0	1475.0
			3	279914.0	83.1	15	2	1809.0	1772.0
			4	462536.0	50.7	15	1	1003.0	—
			5	642324.0	79.2	15	2	1574.0	1600.0
			6	76831.0	58.7	15	1	1186.0	—
			7	257785.0	71.0	15	2	1521.0	1567.0
			8	438554.0	79.0	15	2	1777.0	1960.0
			9	620397.0	68.5	15	2	1284.0	1428.0
			10	54310.0	73.5	15	2	1904.0	1352.0

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Radar Type 5 - Trial 20

Trial List									
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)			
	Download	20	Type 5	16	0.7500000	12.0000000	5.496500000		
			Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)
			0	483470.0	74.7	15	2	1619.0	1611.0
			1	666072.0	57.1	15	1	1560.0	—
			2	98810.0	91.9	15	3	1392.0	1475.0
			3	279914.0	83.1	15	2	1809.0	1772.0
			4	462536.0	50.7	15	1	1003.0	—
			5	642324.0	79.2	15	2	1574.0	1600.0
			6	76831.0	58.7	15	1	1186.0	—
			7	257785.0	71.0	15	2	1521.0	1567.0
			8	438554.0	79.0	15	2	1777.0	1960.0
			9	620397.0	68.5	15	2	1284.0	1428.0
			10	54310.0	73.5	15	2	1904.0	1352.0
			11	235506.0	70.5	15	2	1864.0	1115.0
			12	417036.0	76.6	15	2	1045.0	1300.0
			13	597974.0	81.2	15	2	1160.0	1675.0
			14	32086.0	61.8	15	1	1277.0	—
			15	212751.0	94.9	15	3	1450.0	1206.0
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000		
			Burst ID	Burst Offset (us)	Pulse Width (us)	Chirp Width (MHz)	Number of Pulses per Burst	PRI-1 (us)	PRI-2 (us)
			0	526149.0	78.5	9	2	1653.0	1698.0
			1	767135.0	89.8	9	3	1174.0	1962.0
			2	12955.0	59.4	9	1	1982.0	—
			3	254612.0	79.6	9	2	1633.0	1890.0
			4	496588.0	76.0	9	2	1112.0	1811.0
			5	739728.0	53.6	9	1	1144.0	—

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Radar Type 5 - Trial 21

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	21	Type 5	12	1.0000000	12.0000000	5.498900000			
			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	526149.0	78.5	9	2	1653.0	1698.0	-
			1	767135.0	89.8	9	3	1174.0	1962.0	1167.0
			2	12955.0	59.4	9	1	1982.0	-	-
			3	254612.0	79.6	9	2	1633.0	1890.0	-
			4	496588.0	76.0	9	2	1112.0	1811.0	-
			5	739728.0	53.6	9	1	1144.0	-	-
			6	980872.0	80.9	9	2	1220.0	1053.0	-
			7	225249.0	61.6	9	1	1724.0	-	-
			8	467279.0	53.4	9	1	1901.0	-	-
			9	709720.0	59.9	9	1	1379.0	-	-
			10	951847.0	60.4	9	1	1453.0	-	-
			11	194839.0	91.4	9	3	1768.0	1726.0	1227.0
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
			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	261858.0	77.0	20	2	1191.0	1363.0	-
			1	407646.0	58.1	20	1	1248.0	-	-
			2	552319.0	62.1	20	1	1836.0	-	-
			3	99107.0	76.9	20	2	1334.0	1236.0	-
			4	243514.0	80.0	20	2	1914.0	1852.0	-
			5	389464.0	52.0	20	1	1701.0	-	-
			6	531093.0	88.6	20	3	1693.0	1995.0	1905.0
			7	81159.0	72.9	20	2	1922.0	1387.0	-
			8	225245.0	98.5	20	3	1839.0	1746.0	1389.0
			9	371906.0	57.9	20	1	1193.0	-	-

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Radar Type 5 - Trial 22

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	22	Type 5	20	0.6000000	12.0000000	5.494500000			
			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	261858.0	77.0	20	2	1191.0	1363.0	-
			1	407646.0	58.1	20	1	1248.0	-	-
			2	552319.0	62.1	20	1	1836.0	-	-
			3	99107.0	76.9	20	2	1334.0	1236.0	-
			4	243514.0	80.0	20	2	1914.0	1852.0	-
			5	389464.0	52.0	20	1	1701.0	-	-
			6	531093.0	88.6	20	3	1693.0	1995.0	1905.0
			7	811159.0	72.9	20	2	1922.0	1387.0	-
			8	225245.0	98.5	20	3	1839.0	1746.0	1389.0
			9	371906.0	57.9	20	1	1193.0	-	-
			10	514197.0	95.9	20	3	1659.0	1870.0	1066.0
			11	63561.0	53.5	20	1	1162.0	-	-
			12	207510.0	92.0	20	3	1745.0	1654.0	1458.0
			13	353638.0	57.3	20	1	1834.0	-	-
			14	497515.0	70.5	20	2	1684.0	1586.0	-
			15	45553.0	70.0	20	2	1042.0	1664.0	-
			16	189821.0	84.0	20	3	1765.0	1630.0	1176.0
			17	335330.0	76.1	20	2	1557.0	1057.0	-
			18	478825.0	93.2	20	3	1985.0	1018.0	1340.0
			19	27594.0	96.8	20	3	1760.0	1614.0	1817.0
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
			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	247117.0	50.1	12	1	1841.0	-	-
			1	453362.0	93.5	12	3	1590.0	1081.0	1413.0

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Radar Type 5 - Trial 23

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	23	Type 5	14	0.8571429	12.0000000	5.497700000			
			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	247117.0	50.1	12	1	1841.0	—	—
			1	453362.0	93.5	12	3	1590.0	1081.0	1413.0
			2	660875.0	68.8	12	2	1707.0	1577.0	—
			3	14140.0	56.3	12	1	1056.0	—	—
			4	220734.0	86.0	12	3	1953.0	1108.0	1987.0
			5	428367.0	75.2	12	2	1572.0	1536.0	—
			6	636681.0	54.4	12	1	1517.0	—	—
			7	843157.0	71.1	12	2	1329.0	1243.0	—
			8	195585.0	76.2	12	2	1940.0	1770.0	—
			9	403231.0	80.2	12	2	1098.0	1209.0	—
			10	610202.0	79.7	12	2	1588.0	1214.0	—
			11	815229.0	90.9	12	3	1615.0	1862.0	1601.0
			12	170267.0	68.7	12	2	1377.0	1441.0	—
			13	377306.0	67.4	12	2	1872.0	1313.0	—
	Download	24	Type 5	13	0.9230769	12.0000000	5.498100000			
			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	628071.0	94.0	11	3	1643.0	1748.0	1941.0
			1	853391.0	70.8	11	2	1177.0	1201.0	—
			2	156223.0	56.3	11	1	1006.0	—	—
			3	378734.0	96.7	11	3	1230.0	1163.0	1332.0
			4	601331.0	90.6	11	3	1217.0	1582.0	1498.0
			5	825462.0	74.5	11	2	1569.0	1281.0	—
			6	128265.0	92.6	11	3	1065.0	1669.0	1222.0
			7	351161.0	89.0	11	3	1493.0	1135.0	1380.0
			8	573425.0	96.5	11	3	1607.0	1822.0	1602.0

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Radar Type 5 - Trial 24

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
Download	24	Type 5	13	0.9230769	12.0000000	5.498100000				
			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	628071.0	94.0	11	3	1643.0	1748.0	1941.0
			1	853391.0	70.8	11	2	1177.0	1201.0	-
			2	156223.0	56.3	11	1	1006.0	-	-
			3	378734.0	96.7	11	3	1230.0	1163.0	1332.0
			4	601331.0	90.6	11	3	1217.0	1582.0	1498.0
			5	825462.0	74.5	11	2	1569.0	1281.0	-
			6	128265.0	92.6	11	3	1065.0	1669.0	1222.0
			7	351161.0	89.0	11	3	1493.0	1135.0	1380.0
			8	573425.0	96.5	11	3	1607.0	1822.0	1602.0
			9	798431.0	70.5	11	2	1141.0	1178.0	-
			10	100737.0	94.0	11	3	1009.0	1629.0	1956.0
			11	324661.0	55.8	11	1	1290.0	-	-
			12	546278.0	87.7	11	3	1435.0	1963.0	1164.0
Download	25	Type 5	8	1.5000000	12.0000000	5.500500000				
			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	1253842.0	68.6	5	2	1306.0	1161.0	-
			1	119486.0	83.1	5	2	1420.0	1315.0	-
			2	482958.0	60.9	5	1	1687.0	-	-
			3	845641.0	77.7	5	2	1776.0	1158.0	-
			4	1208428.0	77.4	5	2	1793.0	1510.0	-
			5	74748.0	66.8	5	2	1576.0	1323.0	-
			6	438300.0	63.7	5	1	1333.0	-	-
			7	800152.0	91.2	5	3	1409.0	1681.0	1275.0
Download	26	Type 5	17	0.7058824	12.0000000	5.496100000				

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Radar Type 5 - Trial 25

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	25	Type 5	8	1.5000000	12.0000000	5.500500000			
			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	1253842.0	68.6	5	2	1306.0	1161.0	-
			1	119486.0	83.1	5	2	1420.0	1315.0	-
			2	482958.0	60.9	5	1	1687.0	-	-
			3	845641.0	77.7	5	2	1776.0	1158.0	-
			4	1208428.0	77.4	5	2	1793.0	1510.0	-
			5	74748.0	66.8	5	2	1576.0	1323.0	-
			6	438300.0	63.7	5	1	1333.0	-	-
			7	800152.0	91.2	5	3	1409.0	1681.0	1275.0
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
			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	545865.0	83.6	16	3	1632.0	1195.0	1000.0
			1	14067.0	89.4	16	3	1173.0	1627.0	1656.0
			2	184953.0	55.8	16	1	1532.0	-	-
			3	353759.0	90.9	16	3	1981.0	1554.0	1998.0
			4	526388.0	54.7	16	1	1825.0	-	-
			5	694806.0	97.7	16	3	1734.0	1202.0	1250.0
			6	163568.0	67.5	16	2	1571.0	1434.0	-
			7	333410.0	96.7	16	3	1589.0	1469.0	1268.0
			8	504006.0	68.3	16	2	1750.0	1954.0	-
			9	675297.0	78.3	16	2	1591.0	1082.0	-
			10	142890.0	55.0	16	1	1427.0	-	-
			11	312479.0	84.9	16	3	1129.0	1936.0	1199.0
			12	482953.0	74.6	16	2	1959.0	1856.0	-
			13	655022.0	63.3	16	1	1885.0	-	-

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Radar Type 5 - Trial 26

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	26	Type 5	17	0.7058824	12.0000000	5.496100000			
			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	545865.0	83.6	16	3	1632.0	1195.0	1000.0
			1	14067.0	89.4	16	3	1173.0	1627.0	1656.0
			2	184953.0	55.8	16	1	1532.0	—	—
			3	353759.0	90.9	16	3	1981.0	1554.0	1998.0
			4	526388.0	54.7	16	1	1825.0	—	—
			5	694806.0	97.7	16	3	1734.0	1202.0	1250.0
			6	163568.0	67.5	16	2	1571.0	1434.0	—
			7	333410.0	96.7	16	3	1589.0	1469.0	1268.0
			8	504006.0	68.3	16	2	1750.0	1954.0	—
			9	675297.0	78.3	16	2	1591.0	1082.0	—
			10	142890.0	55.0	16	1	1427.0	—	—
			11	312479.0	84.9	16	3	1129.0	1936.0	1199.0
			12	482953.0	74.6	16	2	1959.0	1856.0	—
			13	655022.0	63.3	16	1	1885.0	—	—
			14	121457.0	99.8	16	3	1035.0	1515.0	1120.0
			15	292606.0	63.6	16	1	1647.0	—	—
			16	461322.0	87.3	16	3	1931.0	1051.0	1831.0
	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
			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	565136.0	85.6	19	3	1946.0	1078.0	1015.0
			1	89970.0	68.6	19	2	1029.0	1780.0	—
			2	243121.0	54.2	19	1	1111.0	—	—
			3	396034.0	61.2	19	1	1104.0	—	—
			4	546225.0	97.1	19	3	1157.0	1969.0	1100.0

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Radar Type 5 - Trial 27

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
<input type="checkbox"/>	Download	27	Type 5	19	0.6315789	12.0000000	5.494900000			
			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	565136.0	85.6	19	3	1946.0	1078.0	1015.0
			1	89970.0	68.6	19	2	1029.0	1780.0	-
			2	243121.0	54.2	19	1	1111.0	-	-
			3	396034.0	61.2	19	1	1104.0	-	-
			4	546225.0	97.1	19	3	1157.0	1969.0	1100.0
			5	70998.0	98.3	19	3	1142.0	1699.0	1622.0
			6	224093.0	62.4	19	1	1655.0	-	-
			7	376127.0	80.2	19	2	1126.0	1769.0	-
			8	527806.0	87.5	19	3	1216.0	1448.0	1179.0
			9	52247.0	85.8	19	3	1847.0	1348.0	1472.0
			10	204582.0	88.1	19	3	1023.0	1124.0	1631.0
			11	357941.0	65.3	19	1	1848.0	-	-
			12	510977.0	52.5	19	1	1470.0	-	-
			13	33698.0	52.3	19	1	1312.0	-	-
			14	186023.0	74.1	19	2	1915.0	1200.0	-
			15	339327.0	54.9	19	1	1479.0	-	-
			16	491053.0	76.2	19	2	1376.0	1502.0	-
			17	14858.0	60.4	19	1	1758.0	-	-
			18	167387.0	81.5	19	2	1491.0	1103.0	-
<input type="checkbox"/>	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
			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	507709.0	50.5	10	1	1857.0	-	-
			1	750249.0	55.7	10	1	1246.0	-	-
			2	989003.0	85.8	10	3	1774.0	1002.0	1967.0

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Radar Type 5 - Trial 28

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	Download	28	Type 5	12	1.0000000	12.0000000	5.498500000			
			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	507709.0	50.5	10	1	1857.0	—	—
			1	750249.0	55.7	10	1	1246.0	—	—
			2	989003.0	85.8	10	3	1774.0	1002.0	1967.0
			3	235634.0	76.9	10	2	1125.0	1474.0	—
			4	477675.0	75.1	10	2	1254.0	1052.0	—
			5	718312.0	92.3	10	3	1180.0	1486.0	1492.0
			6	960895.0	78.1	10	2	1301.0	1757.0	—
			7	205370.0	92.2	10	3	1898.0	1252.0	1713.0
			8	446940.0	89.0	10	3	1260.0	1706.0	1411.0
			9	689225.0	70.9	10	2	1578.0	1620.0	—
			10	932305.0	63.1	10	1	1782.0	—	—
			11	176231.0	55.3	10	1	1522.0	—	—
	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			
			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	277485.0	83.4	17	3	1454.0	1205.0	1801.0
			1	437880.0	97.3	17	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	17	3	1563.0	1151.0	1802.0
			4	257251.0	98.2	17	3	1876.0	1977.0	1766.0
			5	419893.0	59.5	17	1	1952.0	—	—
			6	580724.0	80.0	17	2	1253.0	1137.0	—
			7	77366.0	86.5	17	3	1054.0	1128.0	1828.0
			8	238032.0	91.1	17	3	1105.0	1599.0	1442.0
			9	308605.0	93.5	17	3	1267.0	1373.0	1087.0

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Radar Type 5 - Trial 29

Trial List										
	Trial Id	Radar Type	Number of Bursts	Burst Period (s)	Waveform Length (s)	Center Frequency (GHz)				
	6		960895.0	78.1	10	2	1301.0	1757.0	-	
	7		205370.0	92.2	10	3	1898.0	1252.0	1713.0	
	8		446940.0	89.0	10	3	1260.0	1706.0	1411.0	
	9		689225.0	70.9	10	2	1578.0	1620.0	-	
	10		932305.0	63.1	10	1	1782.0	-	-	
	11		176231.0	55.3	10	1	1522.0	-	-	
<input checked="" type="checkbox"/>	Download	29	Type 5	18	0.6666667	12.0000000	5.495700000			
	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	277485.0	83.4	17	3	1454.0	1205.0	1801.0		
	1	437880.0	97.3	17	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	17	3	1563.0	1151.0	1802.0		
	4	257251.0	98.2	17	3	1876.0	1977.0	1766.0		
	5	419883.0	59.5	17	1	1952.0	-	-		
	6	580724.0	80.0	17	2	1253.0	1137.0	-		
	7	77366.0	86.5	17	3	1054.0	1128.0	1828.0		
	8	238032.0	91.1	17	3	1105.0	1599.0	1442.0		
	9	398605.0	93.5	17	3	1867.0	1373.0	1087.0		
	10	562025.0	60.7	17	1	1033.0	-	-		
	11	57684.0	67.2	17	2	1288.0	1405.0	-		
	12	219083.0	61.8	17	1	1585.0	-	-		
	13	379234.0	79.4	17	2	1933.0	1667.0	-		
	14	540896.0	81.4	17	2	1096.0	1464.0	-		
	15	37916.0	65.7	17	1	1496.0	-	-		
	16	198794.0	76.0	17	2	1733.0	1255.0	-		
	17	359754.0	81.0	17	2	1326.0	1668.0	-		

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Radar Type 6 - Trial 0

Trial List										
	Trial Id	Radar Type	Pulse Width (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	300.000000	21		
		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			
Download	1	Type 6	1.0	333.3	9	0.3333	300.000000	16		
		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			

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Radar Type 6 - Trial 1

Trial List										
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number		
Download	1	Type 6	1.0	333.3	9	0.3333	300.000000	16		
		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			
		80	5385	5669	5458	5349	5456			
		85	5336	5634	5703	5352	5280			
		90	5506	5313	5690	5326	5631			
		95	5628	5546	5289	5490	5590			
Download	2	Type 6	1.0	333.3	9	0.3333	300.000000	18		
		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	-----	-----	-----	-----	-----			

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Radar Type 6 - Trial 2

Trial List										
	Trial Id	Radar Type	Pulse Width (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	18		
		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			
		85	5304	5382	5389	5458	5666			
		90	5419	5642	5350	5526	5519			
		95	5709	5692	5418	5653	5354			
Download	3	Type 6	1.0	333.3	9	0.3333	300.0000000	22		
Download	4	Type 6	1.0	333.3	9	0.3333	300.0000000	21		
Download	5	Type 6	1.0	333.3	9	0.3333	300.0000000	19		
Download	6	Type 6	1.0	333.3	9	0.3333	300.0000000	17		
Download	7	Type 6	1.0	333.3	9	0.3333	300.0000000	17		
Download	8	Type 6	1.0	333.3	9	0.3333	300.0000000	22		

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Radar Type 6 - Trial 3

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	3	Type 6	1.0	333.3	9	0.3333	300.000000	22	
		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		
Download	4	Type 6	1.0	333.3	9	0.3333	300.000000	21	
		Frequency List (MHz)	0	1	2	3	4		
		0	5337	5345	5553	5302	5673		
		5	5577	5629	5460	5583	5642		
		10	5352	5614	5456	5655	5672		
		15	5401	5574	5611	5565	5370		
		20	5571	5588	5295	5468	5303		
		25	5406	5500	5710	5470	5300		

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Radar Type 6 - Trial 4

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 4	Type 6	1.0	333.3	9	0.3333	300.0000000	21	
		Frequency List (MHz)	0	1	2	3	4		
		0	5337	5345	5553	5302	5673		
		5	5577	5629	5460	5583	5642		
		10	5352	5614	5456	5655	5672		
		15	5401	5574	5611	5565	5370		
		20	5571	5588	5295	5468	5303		
		25	5486	5358	5718	5470	5380		
		30	5703	5422	5324	5573	5654		
		35	5426	5263	5634	5661	5462		
		40	5648	5498	5270	5474	5664		
		45	5701	5622	5425	5490	5552		
		50	5265	5597	5467	5300	5432		
		55	5724	5437	5469	5258	5715		
		60	5453	5277	5637	5705	5348		
		65	5593	5262	5561	5251	5255		
		70	5275	5341	5364	5510	5516		
		75	5346	5712	5504	5549	5356		
		80	5527	5376	5264	5447	5442		
		85	5454	5658	5428	5544	5374		
		90	5343	5663	5478	5689	5384		
		95	5372	5707	5274	5292	5466		
<input checked="" type="checkbox"/>	Download 5	Type 6	1.0	333.3	9	0.3333	300.0000000	19	
		Frequency List (MHz)	0	1	2	3	4		
		0	5592	5584	5489	5463	5418		
		5	5619	5651	5535	5271	5374		
		10	5283	5600	5594	5375	5693		
		15	5604	5714	5610	5562	5482		

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Radar Type 6 - Trial 5

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 5	Type 6	1.0	333.3	9	0.3333	300.000000	19	
		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		
<input checked="" type="checkbox"/>	Download 6	Type 6	1.0	333.3	9	0.3333	300.000000	17	
		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		

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Radar Type 6 - Trial 6

Trial List										
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number		
<input checked="" type="checkbox"/>	Download 6	Type 6	1.0	333.3	9	0.3333	300.000000	17		
		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			
		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			
<input checked="" type="checkbox"/>	Download 7	Type 6	1.0	333.3	9	0.3333	300.000000	17		
		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			

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Radar Type 6 - Trial 7

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	7	Type 6	1.0	333.3	9	0.3333	300.000000	17	
		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		
Download	8	Type 6	1.0	333.3	9	0.3333	300.000000	27	
		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		

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Radar Type 6 - Trial 8

Trial List									
	Trial Id	Radar Type	Pulse Width (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	300.000000	27	
		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		
Download	9	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		

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Radar Type 6 - Trial 9

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	9	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		
Download	10	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		

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Radar Type 6 - Trial 10

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	10	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		
Download	11	Type 6	1.0	333.3	9	0.3333	300.000000	26	
		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		

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Radar Type 6 - Trial 11

Trial List										
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number		
Download	11	Type 6	1.0	333.3	9	0.3333	300.000000	26		
		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			
Download	12	Type 6	1.0	333.3	9	0.3333	300.000000	21		
		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			

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Radar Type 6 - Trial 12

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 12	Type 6	1.0	333.3	9	0.3333	300.000000	21	
		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		
<input checked="" type="checkbox"/>	Download 13	Type 6	1.0	333.3	9	0.3333	300.000000	25	
		Frequency List (MHz)	0	1	2	3	4		
		0	5538	5596	5452	5704	5666		
		5	5674	5439	5660	5431	5324		
		10	5390	5334	5544	5413	5386		

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Radar Type 6 - Trial 13

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 13	Type 6	1.0	333.3	9	0.3333	300.0000000	25	
		Frequency List (MHz)	0	1	2	3	4		
		0	5538	5596	5452	5704	5666		
		5	5674	5439	5660	5431	5324		
		10	5390	5334	5544	5413	5386		
		15	5524	5573	5491	5301	5295		
		20	5352	5269	5530	5406	5535		
		25	5515	5364	5451	5650	5686		
		30	5422	5664	5412	5317	5607		
		35	5318	5496	5326	5417	5429		
		40	5454	5343	5489	5565	5443		
		45	5356	5721	5387	5419	5656		
		50	5298	5475	5283	5281	5519		
		55	5393	5498	5657	5713	5260		
		60	5470	5724	5647	5477	5531		
		65	5278	5594	5597	5663	5259		
		70	5505	5690	5688	5526	5282		
		75	5719	5638	5672	5253	5478		
		80	5338	5630	5450	5632	5266		
		85	5497	5466	5333	5366	5339		
		90	5434	5591	5581	5351	5250		
		95	5411	5442	5264	5545	5527		
<input checked="" type="checkbox"/>	Download 14	Type 6	1.0	333.3	9	0.3333	300.0000000	20	
		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		

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Radar Type 6 - Trial 14

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	14	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		
Download	15	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		

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Radar Type 6 - Trial 15

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 15	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		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		
		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		
<input checked="" type="checkbox"/>	Download 16	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		Frequency List (MHz)	0	1	2	3	4		
		0	5256	5460	5260	5615	5570		
		5	5422	5311	5410	5348	5567		
		10	5561	5273	5667	5426	5449		

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Radar Type 6 - Trial 16

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	16	Type 6	1.0	333.3	9	0.3333	300.000000	20	
		Frequency List (MHz)	0	1	2	3	4		
		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		
Download	17	Type 6	1.0	333.3	9	0.3333	300.000000	26	
		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		

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Radar Type 6 - Trial 17

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	17	Type 6	1.0	333.3	9	0.3333	300.000000	26	
		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		
Download	18	Type 6	1.0	333.3	9	0.3333	300.000000	17	
		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	5744	5600	5410	5612		

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Radar Type 6 - Trial 18

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	18	Type 6	1.0	333.3	9	0.3333	300.000000	17	
		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	5685	5389	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		
Download	19	Type 6	1.0	333.3	9	0.3333	300.000000	19	
		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		

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Radar Type 6 - Trial 19

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 19	Type 6	1.0	333.3	9	0.3333	300.000000	19	
		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		
		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		
<input checked="" type="checkbox"/>	Download 20	Type 6	1.0	333.3	9	0.3333	300.000000	22	
		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		

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Radar Type 6 - Trial 20

Trial List									
	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	300.000000	22	
		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		
Download	21	Type 6	1.0	333.3	9	0.3333	300.000000	26	
		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	5550	5445	5610	5670	5580		

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Radar Type 6 - Trial 21

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
<input checked="" type="checkbox"/>	Download 21	Type 6	1.0	333.3	9	0.3333	300.0000000	26	
		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		
<input checked="" type="checkbox"/>	Download 22	Type 6	1.0	333.3	9	0.3333	300.0000000	27	
		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		

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Radar Type 6 - Trial 22

Trial List										
	Trial Id	Radar Type	Pulse Width (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	300.000000	27		
		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	5628	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			
Download	23	Type 6	1.0	333.3	9	0.3333	300.000000	23		
		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			

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Radar Type 6 - Trial 23

Trial List										
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number		
<input checked="" type="checkbox"/>	Download 23	Type 6	1.0	333.3	9	0.3333	300.000000	23		
		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			
<input checked="" type="checkbox"/>	Download 24	Type 6	1.0	333.3	9	0.3333	300.000000	19		
		Frequency List (MHz)	0	1	2	3	4			
		0	5299	5472	5698	5381	5721			
		5	5477	5574	5535	5508	5614			
		10	5668	5582	5617	5367	5251			

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Radar Type 6 - Trial 24

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	24	Type 6	1.0	333.3	9	0.3333	300.000000	19	
		Frequency List (MHz)	0	1	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	5688	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		
Download	25	Type 6	1.0	333.3	9	0.3333	300.000000	19	
		Frequency List (MHz)	0	1	2	3	4		
		0	5457	5711	5634	5542	5563		
		5	5616	5596	5610	5671	5346		
		10	5599	5371	5658	5562	5638		

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Radar Type 6 - Trial 25

Trial List									
	Trial Id	Radar Type	Pulse Width (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	300.000000	19	
		Frequency List (MHz)	0	1	2	3	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		
Download	26	Type 6	1.0	333.3	9	0.3333	300.000000	16	
		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		

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Radar Type 6 - Trial 26

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
Download	26	Type 6	1.0	333.3	9	0.3333	300.000000	16	
		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		
		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		
Download	27	Type 6	1.0	333.3	9	0.3333	300.000000	23	
		Frequency List (MHz)	0	1	2	3	4		
		0	5492	5714	5506	5389	5625		
		5	5700	5543	5285	5522	5382		
		10	5364	5521	5265	5477	5680		

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Radar Type 6 - Trial 27

Trial List										
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number		
<input checked="" type="checkbox"/>	Download 27	Type 6	1.0	333.3	9	0.3333	300.000000	23		
		Frequency List (MHz)	0	1	2	3	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			
		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			
<input checked="" type="checkbox"/>	Download 28	Type 6	1.0	333.3	9	0.3333	300.000000	22		
		Frequency List (MHz)	0	1	2	3	4			
		0	5272	5478	5539	5550	5370			
		5	5267	5565	5360	5588	5589			
		10	5605	5210	5206	5230	5204			

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Radar Type 6 - Trial 28

Trial List									
	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	300.000000	22	
		Frequency List (MHz)	0	1	2	3	4		
		0	5272	5478	5539	5550	5370		
		5	5267	5565	5360	5588	5589		
		10	5295	5310	5306	5672	5701		
		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		
Download	29	Type 6	1.0	333.3	9	0.3333	300.000000	24	
		Frequency List (MHz)	0	1	2	3	4		
		0	5430	5717	5475	5711	5687		
		5	5406	5490	5435	5276	5321		

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Radar Type 6 - Trial 29

Trial List									
	Trial Id	Radar Type	Pulse Width (us)	PRI (us)	Pulses per Hop	Hopping Rate (kHz)	Hopping Sequence Length (ms)	Visible Frequency Number	
		80	5382	5547	5361	5371	5518		
		85	5385	5721	5294	5341	5612		
		90	5378	5621	5389	5457	5292		
		95	5534	5497	5412	5374	5597		
Download	29	Type 6	1.0	333.3	9	0.3333	300.000000	24	
		Frequency List (MHz)	0	1	2	3	4		
		0	5430	5717	5475	5711	5687		
		5	5406	5490	5435	5276	5321		
		10	5604	5574	5444	5295	5722		
		15	5594	5414	5326	5536	5373		
		20	5346	5546	5579	5675	5419		
		25	5478	5558	5327	5658	5629		
		30	5420	5674	5519	5559	5432		
		35	5648	5488	5512	5513	5433		
		40	5402	5329	5570	5599	5331		
		45	5251	5624	5477	5266	5286		
		50	5625	5317	5431	5518	5621		
		55	5653	5279	5358	5343	5514		
		60	5434	5650	5627	5413	5509		
		65	5491	5660	5371	5545	5665		
		70	5291	5467	5259	5338	5486		
		75	5428	5528	5613	5481	5299		
		80	5549	5309	5612	5695	5681		
		85	5581	5422	5540	5386	5699		
		90	5503	5446	5256	5462	5640		
		95	5427	5377	5487	5398	5307		

- End of the Report -

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