

RADIO TEST REPORT

Test Report No. 16194649S-D

Customer	ALPS ALPINE CO., LTD.
Description of EUT	Vehicle equipment
Model Number of EUT	AH00CDC 3
FCC ID	A269ZUA175
Test Regulation	FCC Part 15 Subpart E
Test Result	Complied
Issue Date	June 9, 2026
Remarks	WLAN (5 GHz band) part DFS test only (*Master / Client without detect radar)

Representative Test EngineerShiro Kobayashi
Engineer**Approved By**Kazuya Noda
Leader

CERTIFICATE 1266.03

- ☐ The testing in which "Non-accreditation" is displayed is outside the accreditation scopes in UL Japan, Inc.
- ☒ There is no testing item of "Non-accreditation".

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- The information provided from the customer for this report is identified in Section 1.
- For test report(s) referred in this report, the latest version (including any revisions) is always referred to.
- If the latest version is a revision, it replaces the previous version. See the table below for revisions and versions.

REVISION HISTORY

Revision	Test Report No.	Date	Page Revised Contents
- (Original)	16194649S-D	June 9, 2026	-

Reference: Abbreviations (Including words undescribed in this report)

A2LA	The American Association for Laboratory Accreditation	ICES	Interference-Causing Equipment Standard
AC	Alternating Current	IEC	International Electrotechnical Commission
AFH	Adaptive Frequency Hopping	IEEE	Institute of Electrical and Electronics Engineers
AM	Amplitude Modulation	IF	Intermediate Frequency
Amp, AMP	Amplifier	ILAC	International Laboratory Accreditation Conference
ANSI	American National Standards Institute	ISED	Innovation, Science and Economic Development Canada
Ant, ANT	Antenna	ISO	International Organization for Standardization
AP	Access Point	JAB	Japan Accreditation Board
ASK	Amplitude Shift Keying	LAN	Local Area Network
Atten., ATT	Attenuator	LIMS	Laboratory Information Management System
AV	Average	MCS	Modulation and Coding Scheme
BPSK	Binary Phase-Shift Keying	MRA	Mutual Recognition Arrangement
BR	Bluetooth Basic Rate	N/A	Not Applicable
BT	Bluetooth	NIST	National Institute of Standards and Technology
BT LE	Bluetooth Low Energy	NS	No signal detect.
BW	BandWidth	NSA	Normalized Site Attenuation
Cal Int	Calibration Interval	NVLAP	National Voluntary Laboratory Accreditation Program
CCK	Complementary Code Keying	OBW	Occupied Band Width
Ch., CH	Channel	OFDM	Orthogonal Frequency Division Multiplexing
CISPR	Comite International Special des Perturbations Radioelectriques	P/M	Power meter
CW	Continuous Wave	PCB	Printed Circuit Board
DBPSK	Differential BPSK	PER	Packet Error Rate
DC	Direct Current	PHY	Physical Layer
D-factor	Distance factor	PK	Peak
DFS	Dynamic Frequency Selection	PN	Pseudo random Noise
DQPSK	Differential QPSK	PRBS	Pseudo-Random Bit Sequence
DSSS	Direct Sequence Spread Spectrum	PSD	Power Spectral Density
EDR	Enhanced Data Rate	QAM	Quadrature Amplitude Modulation
EIRP, e.i.r.p.	Equivalent Isotropically Radiated Power	QP	Quasi-Peak
EMC	ElectroMagnetic Compatibility	QPSK	Quadri-Phase Shift Keying
EMI	ElectroMagnetic Interference	RBW	Resolution Band Width
EN	European Norm	RDS	Radio Data System
ERP, e.r.p.	Effective Radiated Power	RE	Radio Equipment
EU	European Union	RF	Radio Frequency
EUT	Equipment Under Test	RMS	Root Mean Square
Fac.	Factor	RSS	Radio Standards Specifications
FCC	Federal Communications Commission	Rx	Receiving
FHSS	Frequency Hopping Spread Spectrum	SA, S/A	Spectrum Analyzer
FM	Frequency Modulation	SG	Signal Generator
Freq.	Frequency	SVSWR	Site-Voltage Standing Wave Ratio
FSK	Frequency Shift Keying	TR	Test Receiver
GFSK	Gaussian Frequency-Shift Keying	Tx	Transmitting
GNSS	Global Navigation Satellite System	VBW	Video BandWidth
GPS	Global Positioning System	Vert.	Vertical
Hori.	Horizontal	WLAN	Wireless LAN

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SECTION 1: Customer Information

Company Name	ALPS ALPINE CO., LTD.
Address	20-1 Yoshima Industrial park, Iwaki, Fukushima, Japan 970-1192
Telephone Number	+81-246-36-4111
Contact Person	Kenji Nagase

The information provided from the customer is as follows;

- Customer, Description of EUT, Model Number of EUT, FCC ID on the cover and other relevant pages
- Operating/Test Mode(s) (Mode(s)) on all the relevant pages
- SECTION 1: Customer Information
- SECTION 2: Equipment Under Test (EUT) other than the Receipt Date and Test Date
- SECTION 4: Operation of EUT during testing

SECTION 2: Equipment Under Test (EUT)

2.1 Identification of EUT

Description	Vehicle equipment
Model Number	AH00CDC 3
Serial Number	Refer to SECTION 4.2
Condition	Engineering prototype (Not for Sale: This sample is equivalent to mass-produced items.)
Modification	No Modification by the test lab
Receipt Date	February 6, 2026
Test Date	April 2 to 7, 2026

2.2 Product Description

General Specification

Rating	DC 13.5 V
Operating temperature	-30 deg. C to +70 deg. C

Radio Specification

This report contains data provided by the customer which can impact the validity of results. UL Japan, Inc. is only responsible for the validity of results after the integration of the data provided by the customer. The data provided by the customer is marked "a)" in the table below.

WLAN (IEEE802.11b/11g/11n-20/11ax-20)

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band: 2412 MHz to 2462 MHz	
Type of Modulation	DSSS, OFDM	
	OFDMA (IEEE802.11ax Only)	20 MHz: 26/52/106/242-tone RU
Antenna Type	Printed Inverted F Antenna	
Antenna Gain ^{a)}	ANT1: -1.70 dBi	
	ANT2: -1.70 dBi	

Bluetooth (BR/EDR/Low Energy)

Equipment Type	Transceiver	
Frequency of Operation	2402 MHz to 2480 MHz	
Type of Modulation	BT: FHSS (GFSK, $\pi/4$ DQPSK, 8 DPSK) BT LE: GFSK	
Antenna Type	Printed Inverted F Antenna	
Antenna Gain ^{a)}	-1.70 dBi	

WLAN (IEEE802.11a/11n-20/11ac-20/11ax-20/11n-40/11ac-40/11ax-40/11ac-80/11ax-80/11ax-160)

Equipment Type	Transceiver	
Frequency of Operation	20 MHz Band	5180 MHz to 5240 MHz 5260 MHz to 5320 MHz 5500 MHz to 5720 MHz 5745 MHz to 5825 MHz 5955 MHz to 6415 MHz 6535 MHz to 6855 MHz
	40 MHz Band	5190 MHz to 5230 MHz 5270 MHz to 5310 MHz 5510 MHz to 5710 MHz 5755 MHz to 5795 MHz 5965 MHz to 6405 MHz 6565 MHz to 6845 MHz
	80 MHz Band	5210 MHz, 5290 MHz 5530 MHz to 5690 MHz 5775 MHz 5985 MHz to 6385 MHz 6625 MHz to 6785 MHz
	160 MHz Band	6025 MHz to 6345 MHz 6665 MHz
Type of Modulation	OFDM	
	OFDMA (IEEE802.11ax Only)	20 MHz: 26/52/106/242-tone RU
		40 MHz: 26/52/106/242/484-tone RU
		80 MHz: 26/52/106/242/484/996-tone RU
		160 MHz: 26/52/106/242/484/996/2x996-tone RU
Antenna Type	Printed Inverted F Antenna	
Antenna Gain ^{a)}	U-NII-1, -2A, -2C, -3	ANT1: 2.73 dBi
		ANT2: 3.30 dBi
	U-NII-5, 7	ANT1: 4.67 dBi
		ANT2: 4.42 dBi

SECTION 3: Scope of Report

This report only covers DFS requirement, as specified by the following referenced procedures.

SECTION 4: Test Summary

4.1 Test Specification

Test Specification	FCC Part 15 Subpart E The latest version on the first day of the testing period
Title	FCC 47 CFR Part 15 Radio Frequency Device Subpart E Unlicensed National Information Infrastructure Devices Section 15.407 General technical requirements

Test Specification	KDB 905462 D02 UNII DFS Compliance Procedure New Rules v02
Title	COMPLIANCE MEASUREMENT PROCEDURES FOR UNLICENSED-NATIONAL INFORMATION INFRASTRUCTURE DEVICES OPERATING IN THE 5250-5350MHz AND 5470-5725MHz BANDS INCORPORATING DYNAMIC FREQUENCY SELECTION

Test Specification	KDB905462 D03 UNII Clients Without Radar Detection New Rules v01r02
Title	U-NII CLIENT DEVICES WITHOUT RADAR DETECTION CAPABILITY

Test Specification	KDB905462 D04 Operational Modes for DFS Testing New Rules v01
Title	OPERATIONAL MODES SUGGESTED FOR DFS TESTING

FCC Part 15.31 (e)

The EUT provides stable voltage constantly to the RF Part regardless of input voltage. Instead of a new battery, DC power supply was used for the test. That does not affect the test result, therefore the EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

It is impossible for end users to replace the antenna, because the antenna is mounted inside of the EUT. Therefore, the equipment complies with the antenna requirement of Section 15.203.

4.2 Summary of Test Results

Table 1: Applicability of DFS Requirements

<Master mode>

Requirement	Operating Mode	Test Procedures & Limits	Deviation	Results
	Master			
U-NII Detection Bandwidth	Yes	KDB905462 D02 UNII DFS Compliance Procedures New Rules v02	N/A	Complied
Initial Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Radar Burst at the Beginning of the Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Radar Burst at the End of the Channel Availability Check Time	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
In-Service Monitoring for Non-Occupancy period	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Statistical Performance Check	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
Note: UL Japan, Inc.'s EMI Work Procedures: Work Instructions-ULID-003593.				

< Client mode>

Requirement	Operating Mode	Test Procedures & Limits	Deviation	Results
	Client without Radar Detection			
U-NII Detection Bandwidth	Not required	KDB905462 D02 UNII DFS Compliance Procedures New Rules v02	N/A	N/A
Initial Channel Availability Check Time	Not required	FCC15.407 (h)	N/A	N/A
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Radar Burst at the Beginning of the Channel Availability Check Time	Not required	FCC15.407 (h)	N/A	N/A
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Radar Burst at the End of the Channel Availability Check Time	Not required	FCC15.407 (h)	N/A	N/A
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time	Yes	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
In-Service Monitoring for Non-Occupancy period	Yes *	FCC15.407 (h)	N/A	Complied
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
		RSS-247 7.3.6		
Statistical Performance Check	Not required	FCC15.407 (h)	N/A	N/A
		KDB905462 D02 UNII DFS Compliance Procedures New Rules v02		
Note: UL Japan, Inc.'s EMI Work Procedures No. 13-EM-W0422.				

*Although this test was not required in FCC, KDB 905462 D02, it was performed as additional test.

Table 2 DFS Detection Thresholds for Master Devices and Client Devices With Radar Detection

Maximum Transmit Power	Value (See Notes 1,2, and 3)
≥ 200 milliwatt	-64 dBm
< 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
< 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.	

Table 3 DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2
U-NII Detection Bandwidth	Minimum 100 % of the U-NII 99 % transmission power bandwidth See Note 3
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signal will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

Table 4 Short Pulse Radar Test Waveform

Radar Type	Pulse Width (μs)	PRI (μs)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a Test B: 15 unique PRI values randomly selected within the range of 518-3066 μs, with a minimum increment of 1 μs, excluding PRI values selected in Test A	Roundup{(1/3 60)* (19*10 ⁶ /PRI _{us})}	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 (Rader 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.					

Table 5 Long Pulse Radar Test Waveform

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

Table 6 Frequency Hopping Radar Test Waveform

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

4.3 Addition to Standard

No addition, exclusion nor deviation has been made from the standard.

4.4 Uncertainty

Measurement uncertainty is not taken into account when stating conformity with a specified requirement. Note: When margins obtained from test results are less than the measurement uncertainty, the test results may exceed the limit.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor $k=2$.

Time Measurement uncertainty for this test was: ($\pm$) 0.27 %

4.5 Test Location

UL Japan, Inc. Shonan EMC Lab.

1-22-3, Megumigaoka, Hiratsuka-shi, Kanagawa-ken 259-1220 Japan

Telephone: +81-463-50-6400

A2LA Certificate Number: 1266.03

(FCC test firm registration number: 626366, ISED lab company number: 2973D / CAB identifier: JP0001)

Test room	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Maximum measurement distance
No.1 Semi-anechoic chamber (SAC1)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.2 Semi-anechoic chamber (SAC2)	20.6 x 11.3 x 7.65	20.6 x 11.3	10 m
No.3 Semi-anechoic chamber (SAC3)	12.7 x 7.7 x 5.35	12.7 x 7.7	5 m
No.4 Semi-anechoic chamber (SAC4)	8.1 x 5.1 x 3.55	8.1 x 5.1	-
Wireless anechoic chamber 1 (WAC1)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
Wireless anechoic chamber 2 (WAC2)	9.5 x 6.0 x 5.4	9.5 x 6.0	3 m
No.1 Shielded room (SR1)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.2 Shielded room (SR2)	6.8 x 4.1 x 2.7	6.8 x 4.1	-
No.3 Shielded room (SR3)	6.3 x 4.7 x 2.7	6.3 x 4.7	-
No.4 Shielded room (SR4)	4.4 x 4.7 x 2.7	4.4 x 4.7	-
No.5 Shielded room (SR5)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.6 Shielded room (SR6)	7.8 x 6.4 x 2.7	7.8 x 6.4	-
No.8 Shielded room (SR8)	3.45 x 5.5 x 2.4	3.45 x 5.5	-
No.1 Measurement room (MR1)	2.55 x 4.1 x 2.5	-	-
No.2 Measurement room (MR2)	4.5 x 3.5 x 2.5	-	-
Wireless shielded room 1 (WSR1)	3.0 x 4.5 x 2.7	3.0 x 4.5	-
Wireless shielded room 2 (WSR2)	3.0 x 4.5 x 2.7	3.0 x 4.5	-

4.6 Test Data, Test Instruments, and Test Set Up

Refer to APPENDIX.

SECTION 5: Operation of EUT during testing

5.1 Operating Mode(s)

The EUT, which is a Master and Client Device without Radar detection capability, operates over the U-NII2A and U-NII2C Band.

The highest power level is 9.76 dBm EIRP.

Power level(EIRP) of the EUT[dBm]

Power level (Max)		
20 MHz band	40 MHz band	80 MHz band
9.76	9.55	9.29

Power level(Conducted power) of the EUT[dBm]

Power level (Max)		
20 MHz band	40 MHz band	80 MHz band
6.46	6.25	5.99

The highest power spectral density level is 2.20 [dBm/MHz].

Power spectral density level (Conducted) of the EUT[dBm/MHz]

Power spectral density level (Max)		
20 MHz band	40 MHz band	80 MHz band
2.07	2.20	1.54

*Refer to 16194649S-C, FCC Part 15E (FCC 15.407) report for other parts than DFS.

The channel-loading of approximately 17 % or greater was used for testing, and its test data was transferred from the Master Device to the Client Device for all test configurations.

WLAN traffic is generated transmitting random data by iperf.exe from the Master to the Client.

The EUT utilizes the 802.11a/n/ac/ax architecture, with a 20 MHz, 40 MHz and 80 MHz channel bandwidth.

The lowest antenna assembly gain of all available antenna assemblies is 2.73 dBi.

1. In case of Master mode

The rated output power of the Master unit is < 200 mW (23 dBm). Therefore the required interference threshold level is -62 dBm. After correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is $-62 + 1 + 2.73 = -58.27$ dBm (threshold level + additional 1 dB + antenna gain).

2. In case of Client mode without Radar Detection

The rated output power of the Master unit is > 200 mW (23 dBm). Therefore the required interference threshold level is -64 dBm. After correction for antenna gain and procedural adjustments, the required conducted threshold at the antenna port is $-64 + 1 + 0 = -63.0$ dBm (threshold level + additional 1 dB + antenna gain).

The FCC ID for the Master Device used with EUT for DFS testing is MSQ-RTAXHP00.

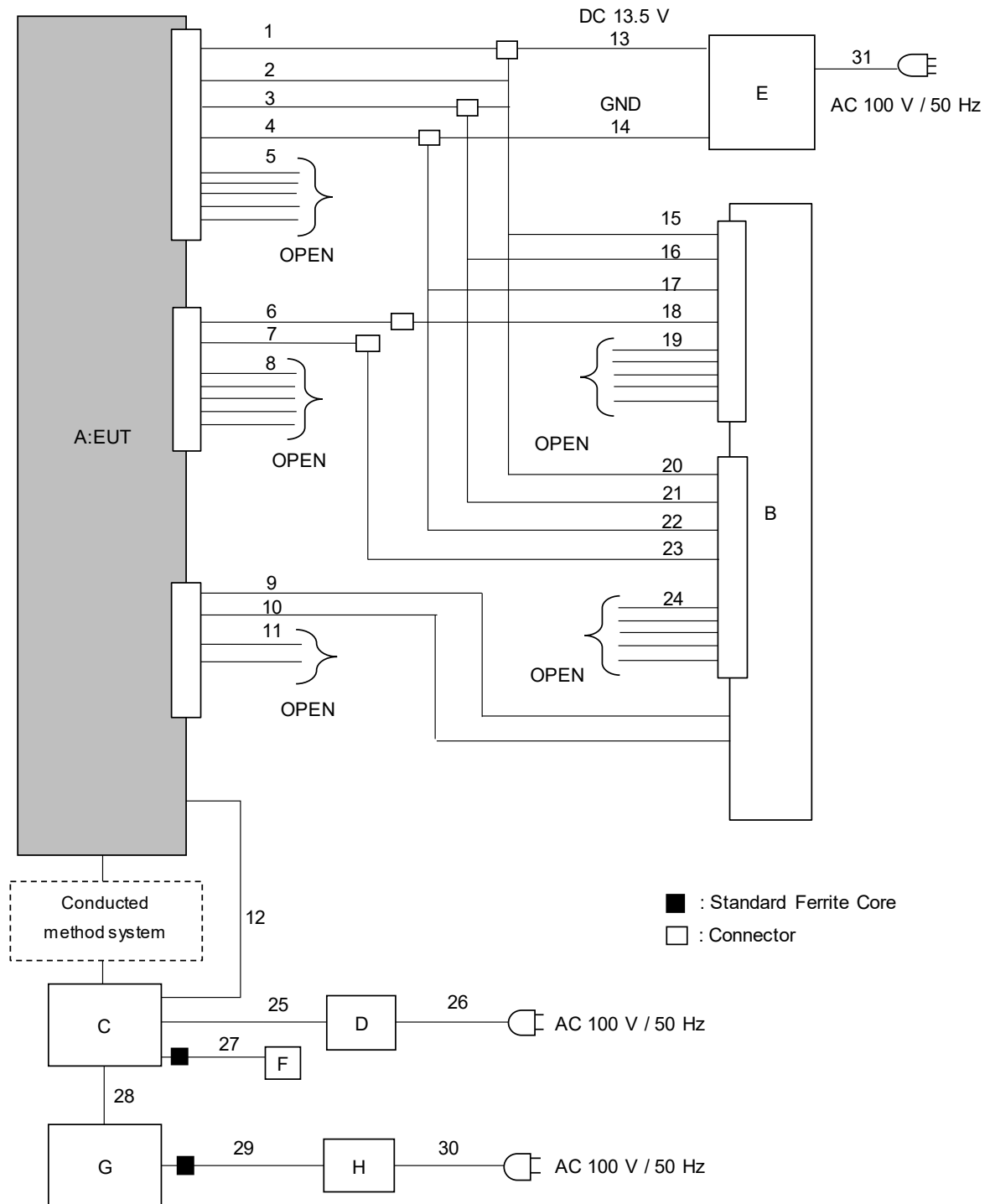
It is impossible for users to change DFS control, because the DFS function is written on the firmware and users cannot access it.

The EUT was set by the software as follows:

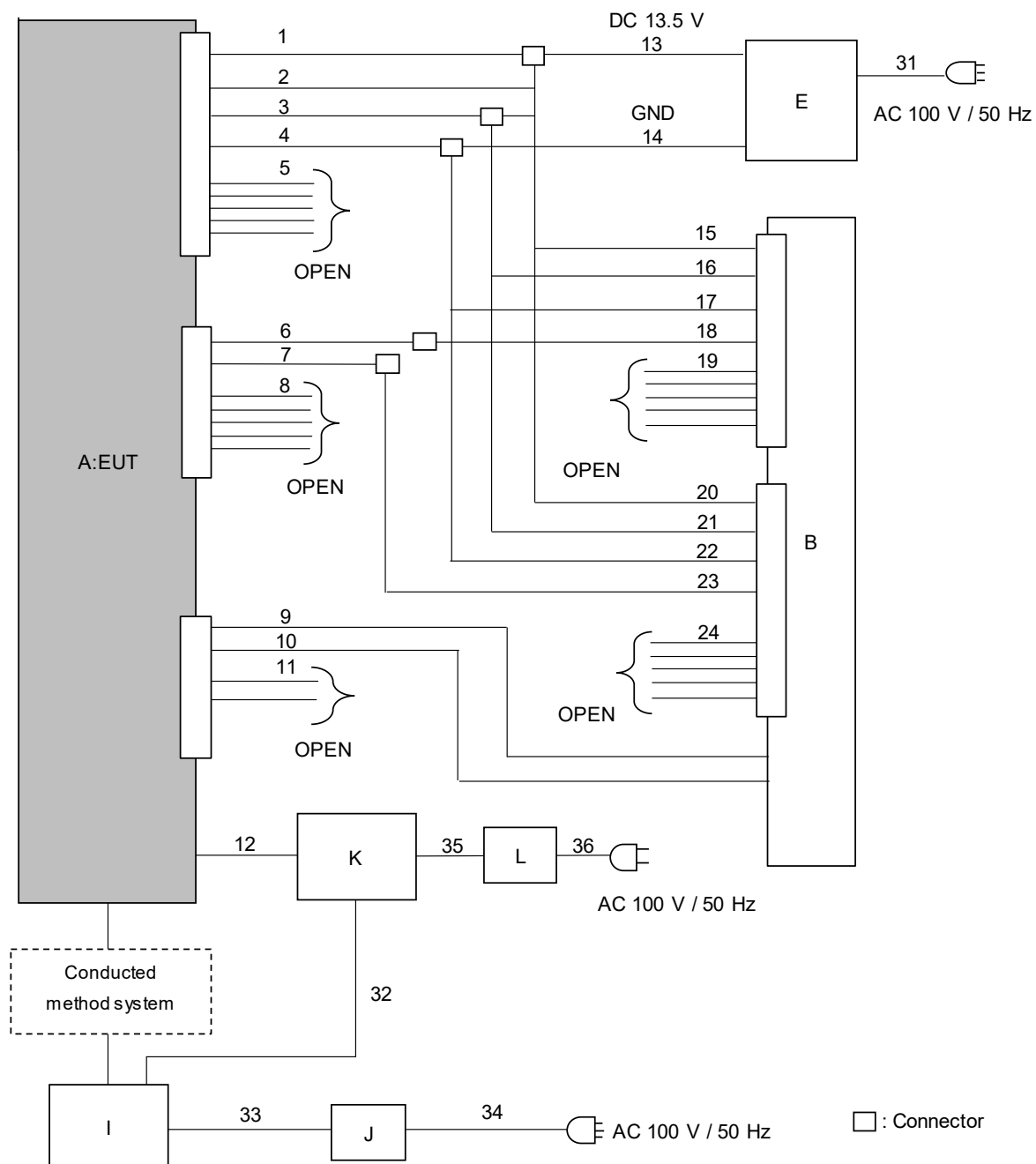
Software name & version: iperf.exe ver. 2.0.13

5.2 Configuration and peripherals

<Master mode>



<Client mode>



Description of EUT and Support Equipment

No.	Item	Model Number	Serial Number	Manufacturer	Remarks
A	Vehicle equipment	AH00CDC 3	No.41	ALPS ALPINE CO., LTD.	EUT
B	Display Unit	QH00287A	WK2 379 320	ALPS ALPINE CO., LTD.	-
C	Laptop Computer	ThinkPad E14 Gen2	PF397TQG	LENOVO	-
D	AC Adapter	ADLX65YCC2D	8SSA10R16922C2TJ19M1	LENOVO	-
E	Power Supply(DC)	PAN35-10A	ML002085	Kikusui Electronics Corp.	-
F	Mouse	1113	91705-523-9170137-01425	MicroSoft	-
G	LCD	246E7Q	ZV0A1846025967	PHILIPS	-
H	AC Adapter	ADPC1936	4262438A1327 E1938PH6	PHILIPS	-
I	Wireless-AX6000 Dual Band Gigabit Router	RT-AX88U	N3IG392024277EW	ASUSTek Computer Inc.	-
J	AC Adapter	ADH011	ADH01117AG212935824A	Acbel Polytech Inc.	-
K	Laptop Computer	HP 250 G9/CT	JPH318LWHJ	HP	-
L	AC Adapter	TPN-LA15	-	HP	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	IG	0.5+0.1	Unshielded	Unshielded	-
2	ACC	0.5+0.5	Unshielded	Unshielded	-
3	+B	0.5+0.5	Unshielded	Unshielded	-
4	GND	0.5+0.5	Unshielded	Unshielded	-
5	Signal	0.5	Unshielded	Unshielded	-
6	CENTER DISP CONT	0.5	Unshielded	Unshielded	-
7	METER DISP CONT	0.5	Unshielded	Unshielded	-
8	Signal	0.5	Unshielded	Unshielded	-
9	GVIF	0.5	Shielded	Shielded	-
10	GMSL	0.5	Shielded	Shielded	-
11	Signal	0.5	Shielded	Shielded	-
12	USB	0.45 + 2.0	Shielded	Shielded	-
13	DC(+)	1.5	Unshielded	Unshielded	-
14	GND	1.5	Unshielded	Unshielded	-
15	IG1 CID	0.9	Unshielded	Unshielded	-
16	+B CID	0.9	Unshielded	Unshielded	-
17	GND	0.9	Unshielded	Unshielded	-
18	CENTER DISP CONT	0.9	Unshielded	Unshielded	-
19	Signal	0.9	Unshielded	Unshielded	-
20	IG1 METER	0.9	Unshielded	Unshielded	-
21	+B METER	0.9	Unshielded	Unshielded	-
22	GND	0.9	Unshielded	Unshielded	-
23	METER DISP CONT	0.9	Unshielded	Unshielded	-
24	Signal	0.9	Unshielded	Unshielded	-
25	DC	1.8	Unshielded	Unshielded	-
26	AC	0.9	Unshielded	Unshielded	-
27	USB	1.9	Shielded	Shielded	-
28	HDMI	1.8	Shielded	Shielded	-
29	DC	1.0	Unshielded	Unshielded	-
30	AC	1.5	Unshielded	Unshielded	-
31	AC	2.0	Unshielded	Unshielded	-
32	LAN	1.5	Unshielded	Unshielded	-
33	DC	1.5	Unshielded	Unshielded	-
34	AC	0.9	Unshielded	Unshielded	-
35	DC	1.75	Unshielded	Unshielded	-
36	AC	0.9	Unshielded	Unshielded	-

5.3 Test and Measurement System

SYSTEM OVERVIEW

The measurement system is based on a conducted test method.

The software selects waveform parameters from within the bounds of the signal type on a random basis using uniform distribution. The short pulse types 1, 2, 3, and 4, the long pulse type 5, and the frequency hopping type 6 parameters are randomized at run-time.

The signal monitoring equipment consists of a spectrum analyzer with the capacity to display 10001 bins on the horizontal axis. A time-domain resolution of 1.6 ms/bin is achievable with a 16 second sweep time, meeting the 10 seconds short pulse reporting criteria. The aggregate ON time is calculated by multiplying the number of bins above a threshold during a particular observation period by the dwell time per bin, with the analyzer set to peak detection.

FREQUENCY HOPPING RADAR WAVEFORM GENERATING SUBSYSTEM

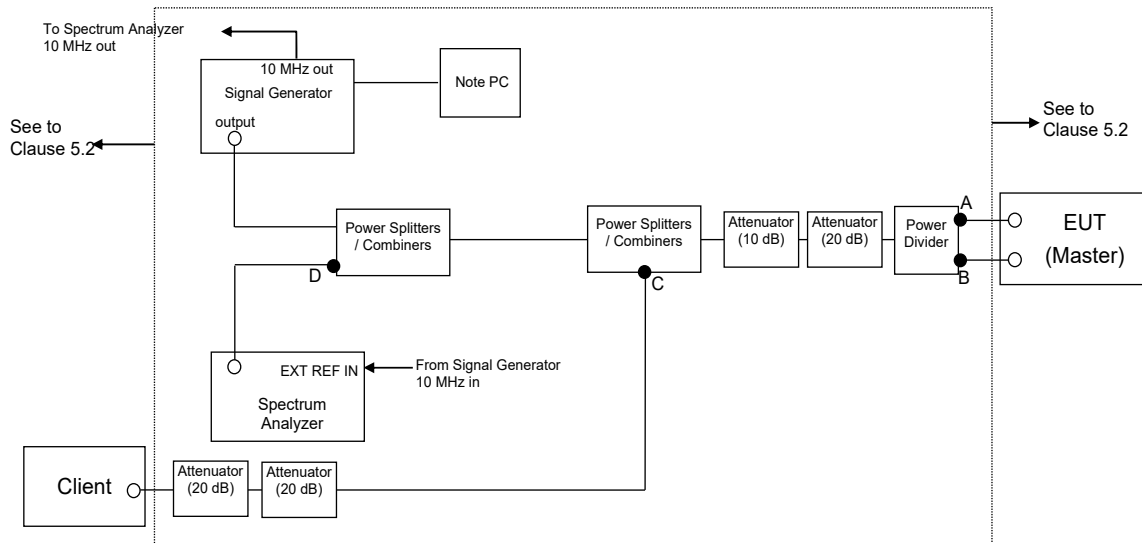
The first 100 frequencies are selected out of the hopping sequence of the randomized 475 hop frequencies.

Only a *Burst* that has the frequency falling within the receiver bandwidth of the tested U-NII device is selected among those frequencies. (Frequency-domain simulation). The radar waveform generated at the start time of the selected *Burst* (Time-domain simulation) is download to the Signal Generator.

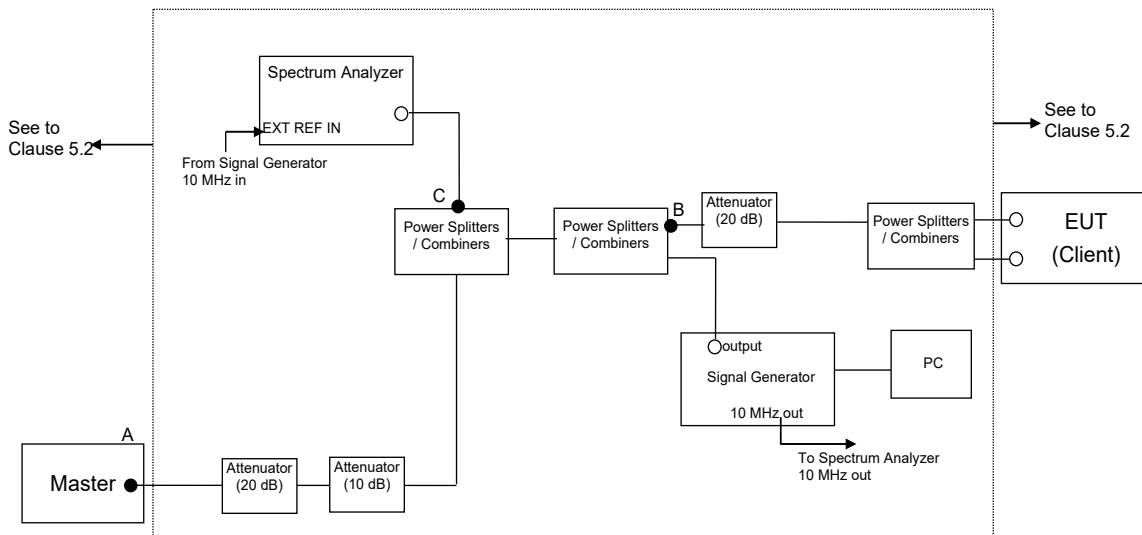
If all of the randomly selected 100 frequencies do not fall within the receiver bandwidth of the U-NII device, the radar waveform is not used for the test.

CONDUCTED METHODS SYSTEM BLOCK DIAGRAM

<Master mode>



<Client mode>



MEASUREMENT SYSTEM FREQUENCY REFERENCE

Lock the signal generator and the spectrum analyzer to the same reference sources as follows: Connect the 10 MHz OUT on the signal generator to the EXT REF IN on the spectrum analyzer and set the spectrum analyzer Ext to On.

SYSTEM CALIBRATION

<Master mode>

Step 1: Set the system as shown in Figure 2 of KDB905462 D02, 7.2.1.

Step 2: Adjust each attenuator to fulfill the following three conditions:

- WLAN can be communicated, and
- Rader detection threshold level is bigger than Master Device traffic level on the spectrum analyzer, and
- Client Device traffic level is not displayed on the spectrum analyzer.

Step 3: Terminate 50 ohm at B , C and D points, and connect the spectrum analyzer to the point A.
(See the figure on clause 5.3)

At the point A, adjust the signal generator and spectrum analyzer to the center frequency of the channel to be measured.

Download the applicable radar waveforms to the signal generator. Select the radar waveform, trigger a burst manually and measure the amplitude on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold.

Separate signal generator amplitude settings are determined as required for each radar type.

< Client mode >

Step 1: Set the system as shown in Figure 3 of KDB905462 D02, 7.2.2.

Step 2: Adjust each attenuator to fulfill the following three conditions:

- WLAN can be communicated, and
- Rader detection threshold level is bigger than Client Device traffic level on the spectrum analyzer, and
- Master Device traffic level is not displayed on the spectrum analyzer.

Step 3: Terminate 50 ohm at B and C points, and connect the spectrum analyzer to the point A.
(See the figure on Clause 5.3)

At the point A, adjust the signal generator and spectrum analyzer to the center frequency of the channel to be measured.

Download the applicable radar waveforms to the signal generator. Select the radar waveform, trigger a burst manually and measure the amplitude on the spectrum analyzer. Readjust the amplitude of the signal generator as required so that the peak level of the waveform is at a displayed level equal to the required or desired interference detection threshold.

Separate signal generator amplitude settings are determined as required for each radar type.

<Master mode / Client mode >

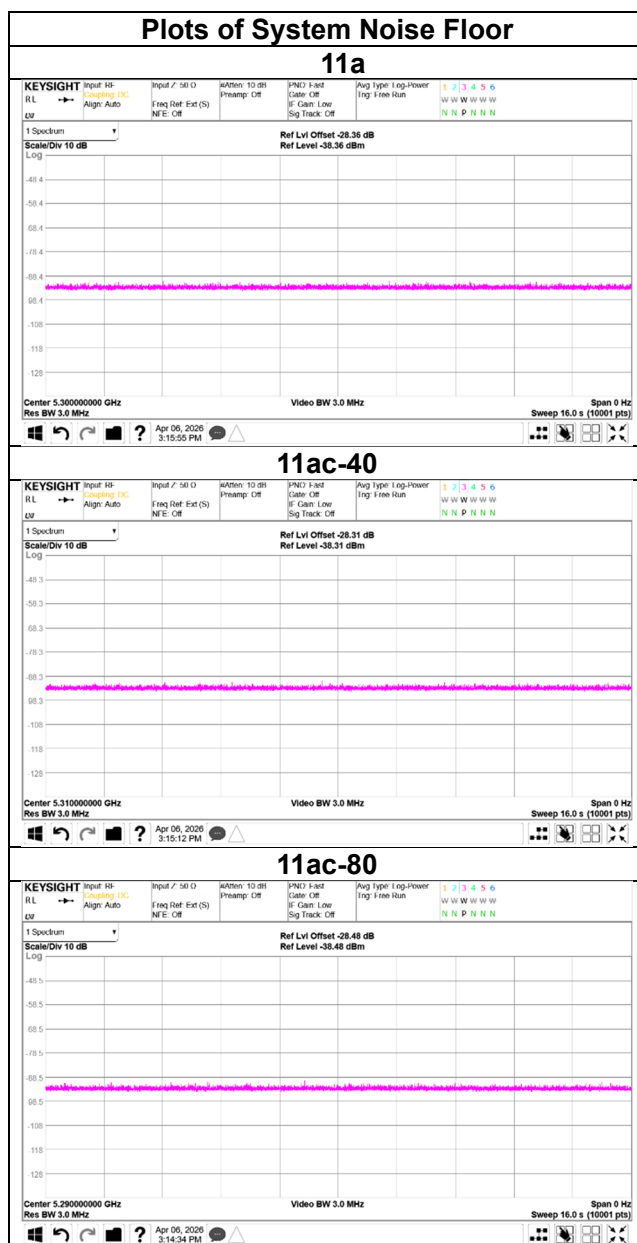
Step 4: Without changing any of the instrument settings, restore the system setting to Step 2 and adjust the Reference Level Offset of the spectrum analyzer to the level at Step 3.

By taking the above steps 1 to 4, the spectrum analyzer displays the level of the signal generator as received at the antenna ports of the Master Device.

See Clause 5.4 for Plots of Noise, Rader Waveforms, and WLAN signals.

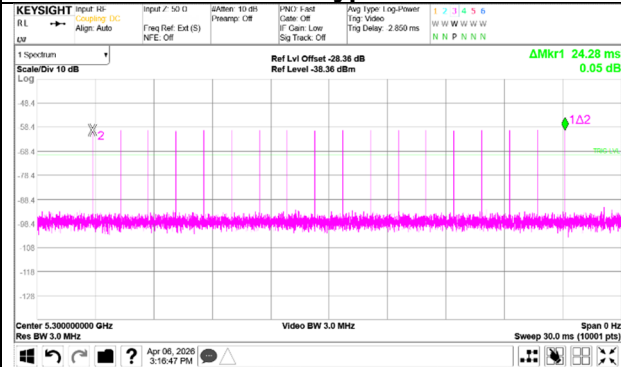
5.4 Plots of Noise, Rader Waveforms, and WLAN signals

<Master mode>

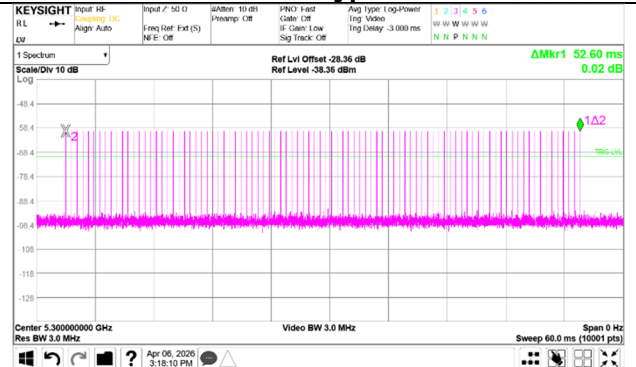


Plots of Radar Waveforms

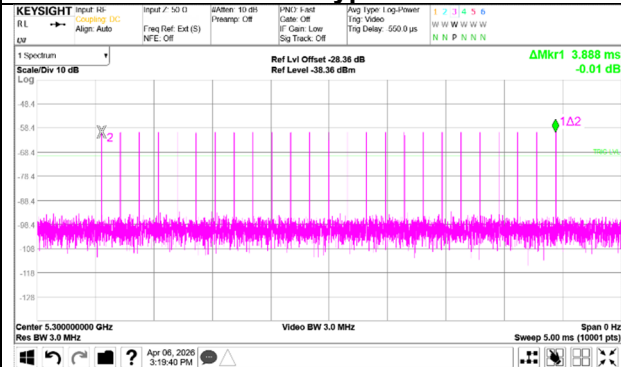
Rader Type 0



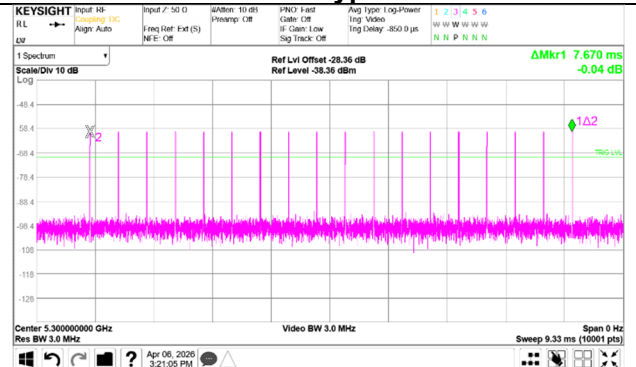
Rader Type 1



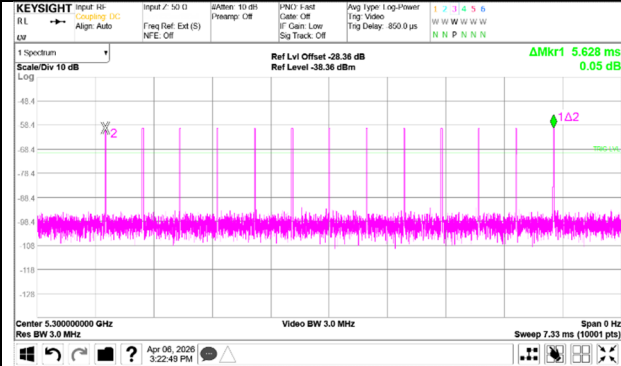
Rader Type 2



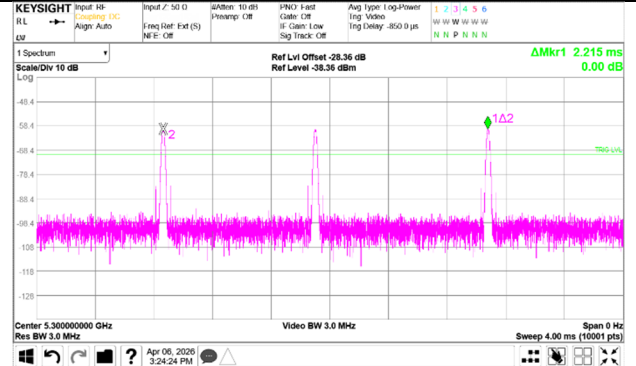
Rader Type 3



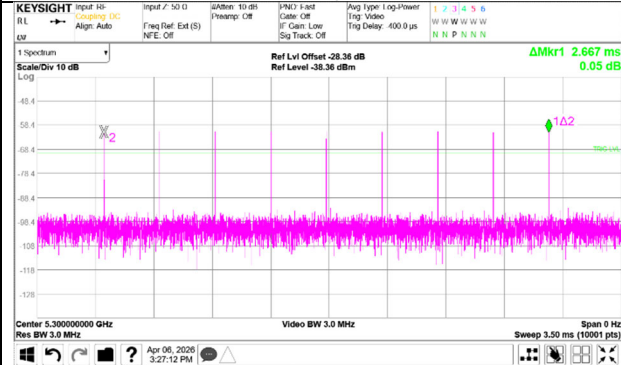
Rader Type 4

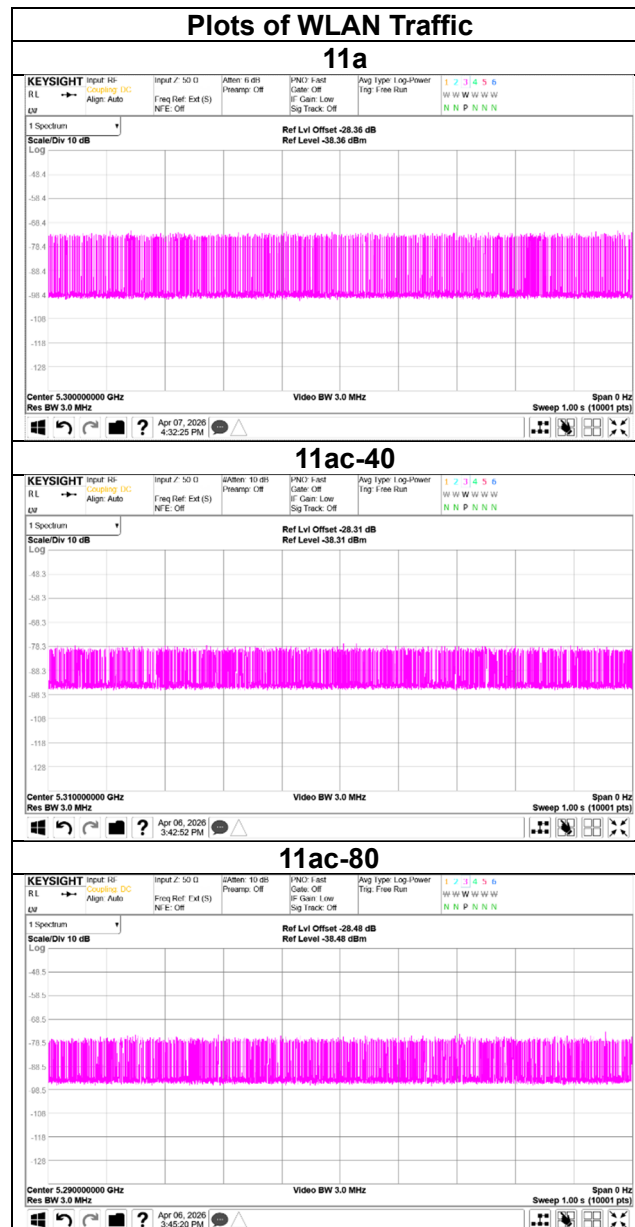


Rader Type 5

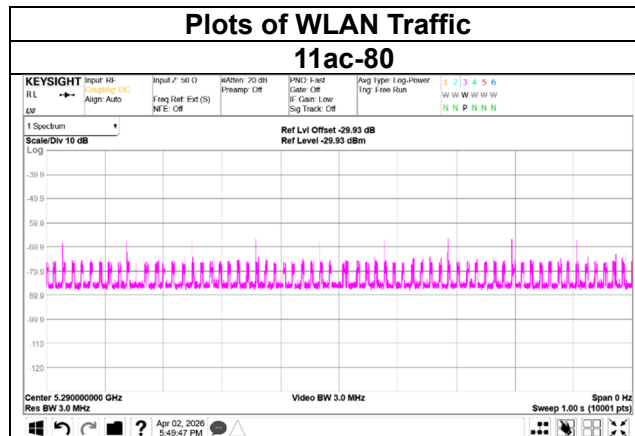
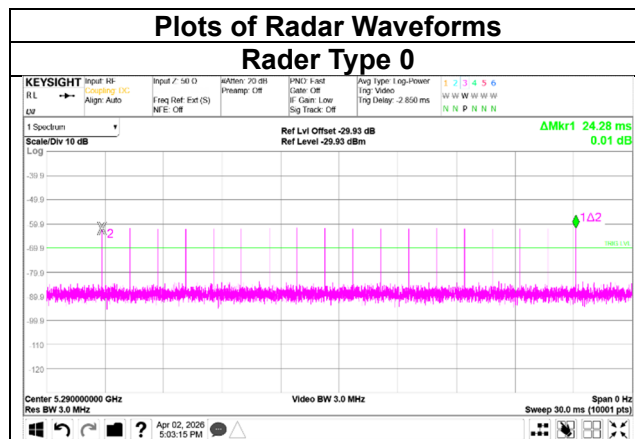
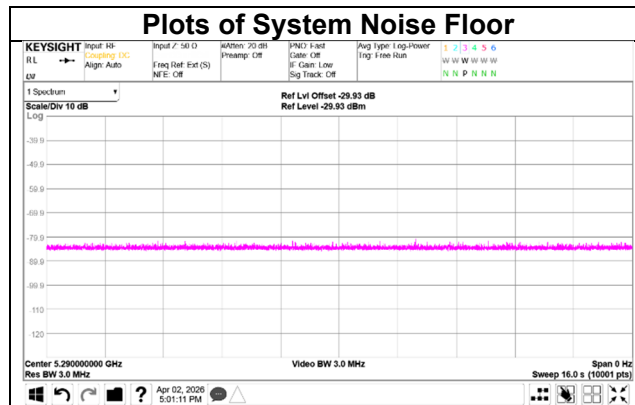


Rader Type 6





<Client mode>



SECTION 6: U-NII Detection Bandwidth

6.1 Operating environment

Mode	11a / 11ac-40 / 11ac-80
------	-------------------------

Date	Test Place	Temperature	Humidity	Engineer
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

6.2 Test Procedure

Adjust the equipment to produce a single Burst of the Short Pulse Radar Type 0 at the center frequency of the EUT Operating Channel at the specified DFS Detection Threshold level.

Set the EUT 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.

Generate a single radar Burst, and note the response of the EUT. Repeat for a minimum of 10 trials. The EUT must detect the Radar Waveform within the DFS band using the specified U-NII Detection Bandwidth criterion.

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.

Starting at the center frequency of the EUT 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.

Repeat this measurement in 1 MHz steps at frequencies 5 MHz below where the detection rate begins to fall.

Record the highest frequency (denote as FH) at which detection is greater than or equal to the U-NII Detection

Bandwidth criterion. Recording the detection rate at frequencies above FH is not required to demonstrate compliance.

Starting at the center frequency of the EUT 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.

Repeat this measurement in 1MHz steps at frequencies 5 MHz above where the detection rate begins to fall.

Record the lowest frequency (denote as FL) at which detection is greater than or equal to the U-NII Detection

Bandwidth criterion. Recording the detection rate at frequencies below FL is not required to demonstrate compliance.

The U-NII Detection Bandwidth is calculated as follows:

U-NII Detection Bandwidth = FH – FL

Radar detection is observed by two techniques.

- Monitoring LAN traffic with Spectrum Analyzer.
- Indicator of EUT and PC connected to EUT

6.3 Test data

5300 MHz (11a)

Waveform : Radar Type 0

FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99 % Power Bandwidth [MHz]	Ratio of Detection BW to 99 % Power BW [%]	Limit [%]	Results
5290	5310	20	16.6216	120.3	100	Pass

5310 MHz (11ac-40)

Waveform : Radar Type 0

FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99 % Power Bandwidth [MHz]	Ratio of Detection BW to 99 % Power BW [%]	Limit [%]	Results
5290	5330	40	36.6596	109.1	100	Pass

5290 MHz (11ac-80)

Waveform : Radar Type 0

FL [MHz]	FH [MHz]	Detection Bandwidth [MHz]	99 % Power Bandwidth [MHz]	Ratio of Detection BW to 99 % Power BW [%]	Limit [%]	Results
5250	5330	80	76.6728	104.3	100	Pass

* 99 % occupied bandwidth value was referred to test report 16194649S-C, FCC Part 15E (FCC 15.407).
Considering the worst case, 99 % occupied bandwidth value applied the maximum value of the
measurement results.

6.4 Test result

Test result: Pass

SECTION 7: Initial Channel Availability Check Time

7.1 Operating environment

Mode	11ac-80
------	---------

Date	Test Place	Temperature	Humidity	Engineer
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

7.2 Test Procedure

The Initial Channel Availability Check Time tests that the EUT 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.

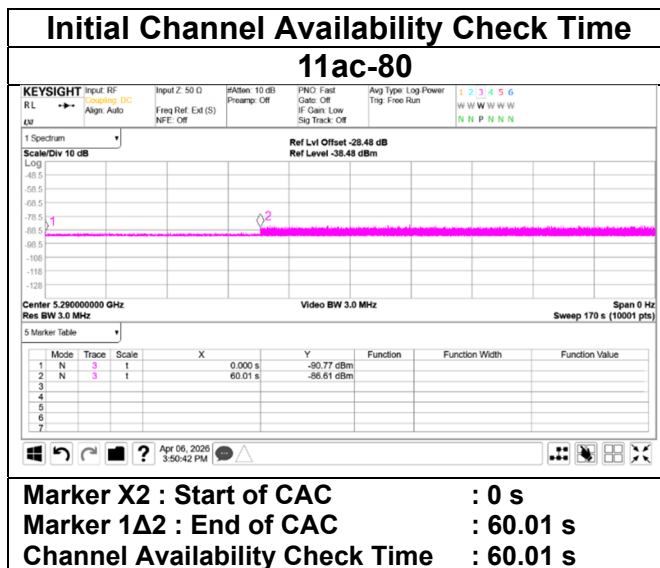
This test does not use any Radar Waveforms and only needs to be performed one time.

The U-NII devices will be powered on and be instructed to operate on the appropriate U-NII Channel that must incorporate DFS functions. At the same time the EUT is powered on, the spectrum analyzer will be set to zero span mode with a 3 MHz RBW and 3 MHz VBW on the Channel occupied by the radar (Chr) with the 2.5 minutes sweep time.

The spectrum analyzer's sweep will be started at the same time power is applied to the U-NII device.

The EUT should not transmit any beacon or data transmissions until at least 1 minute after the completion of the power-on cycle.

7.3 Test data



7.4 Test result

Test result: Pass

SECTION 8: Radar Burst at the Beginning of the Channel Availability Check Time

8.1 Operating environment

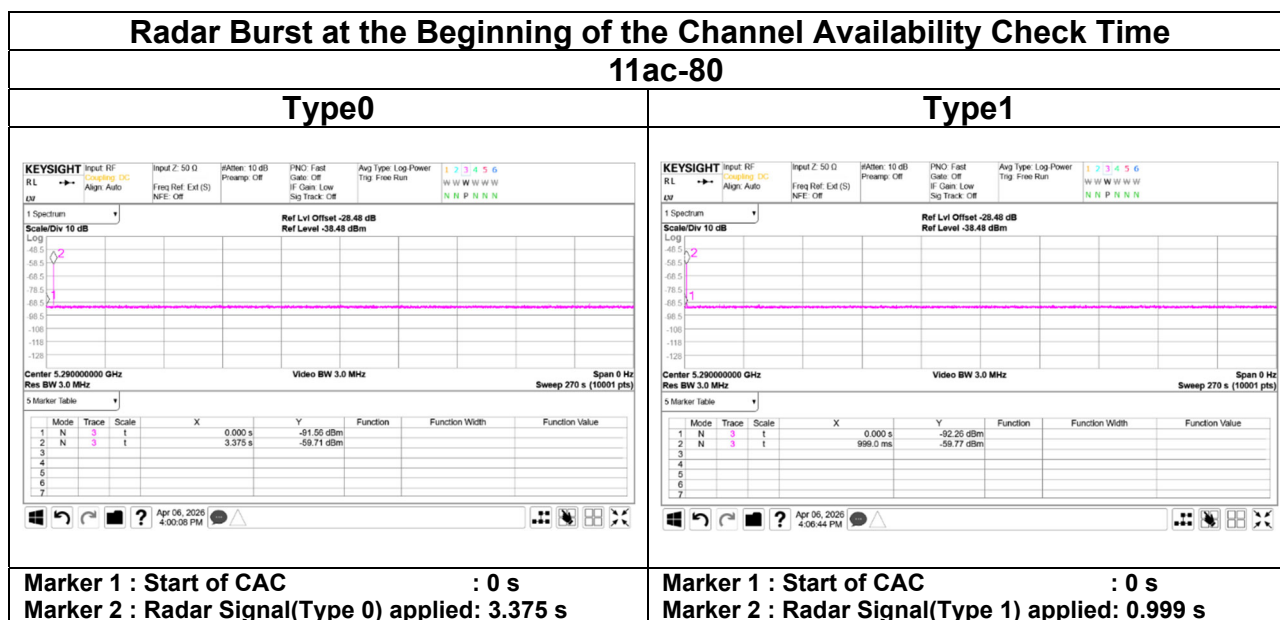
Mode	11ac-80
------	---------

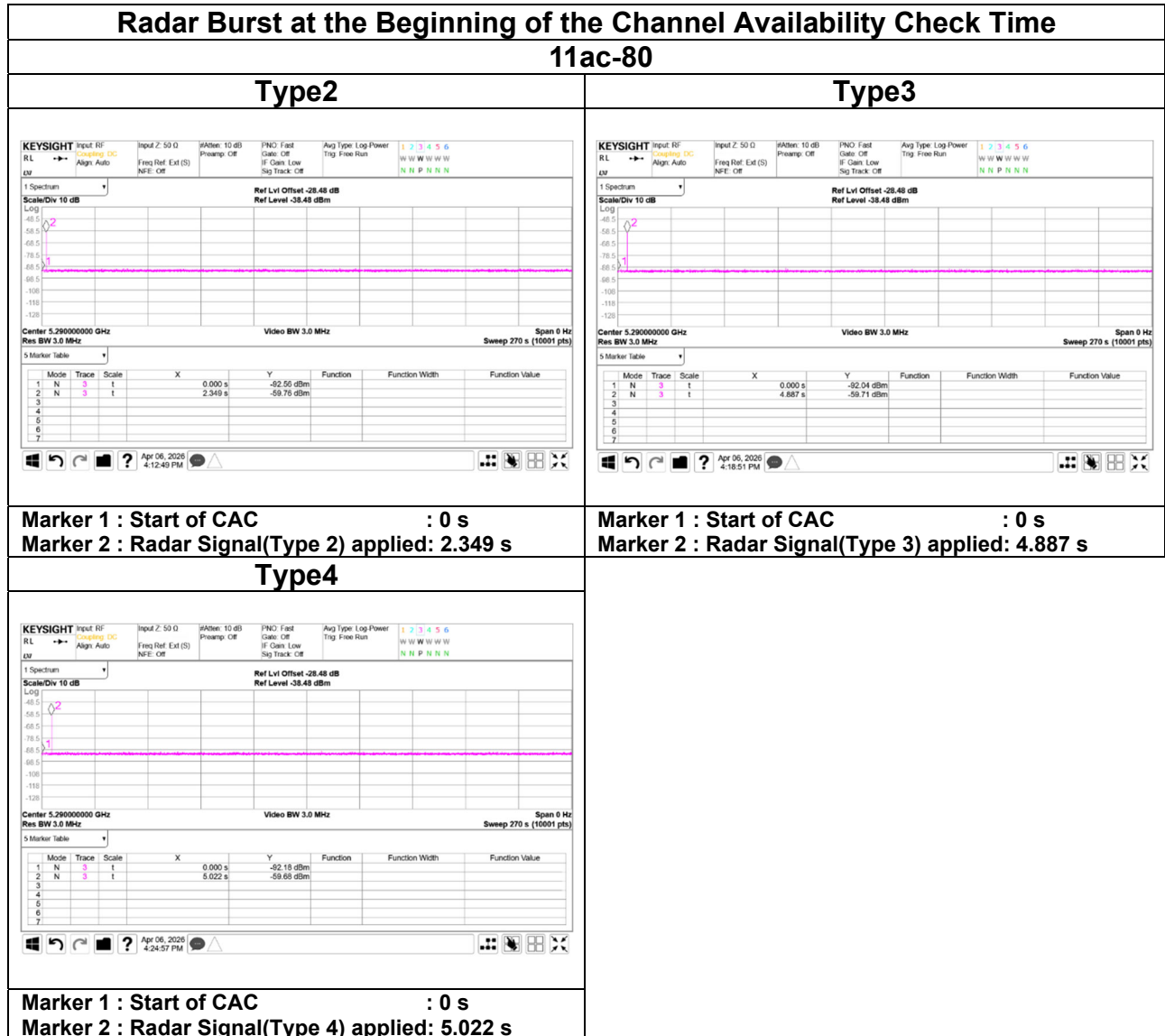
Date	Test Place	Temperature	Humidity	Engineer
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

8.2 Test Procedure

A single Burst of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at Start of CAC. 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.
Verify that during the 2.5 minutes measurement window no EUT transmissions occurred on Chr.

8.3 Test data





8.4 Test result

Test result: Pass

SECTION 9: Radar Burst at the End of the Channel Availability Check Time

9.1 Operating environment

Mode	11ac-80
------	---------

Date	Test Place	Temperature	Humidity	Engineer
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

9.2 Test Procedure

A single Burst of the Short Pulse Radar Types 0-4 will commence within a 6 second window starting at Start of CAC + 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.
Verify that during the 2.5 minutes measurement window no EUT transmissions occurred on Chr.

9.3 Test data

Radar Burst at the End of the Channel Availability Check Time	
11ac-80	
Type0	Type1
 Marker 1 : Start of CAC : 0 s Marker 2 : Radar Signal(Type 0) applied: 58.27 s	 Marker 1 : Start of CAC : 0 s Marker 2 : Radar Signal(Type 1) applied: 57.13 s

Radar Burst at the End of the Channel Availability Check Time

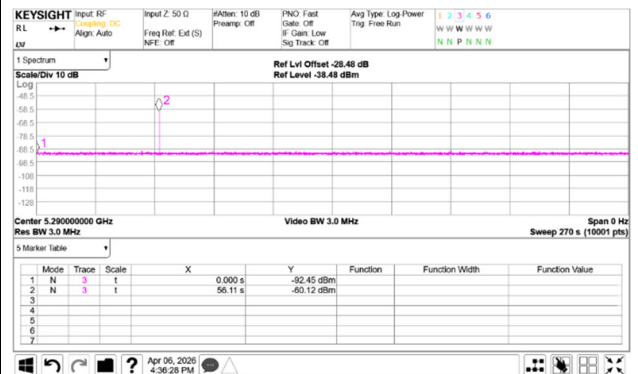
11ac-80

Type2



Marker 1 : Start of CAC : 0 s
Marker 2 : Radar Signal(Type 2) applied: 56.16 s

Type3



Marker 1 : Start of CAC : 0 s
Marker 2 : Radar Signal(Type 3) applied: 56.11 s

Type4



Marker 1 : Start of CAC : 0 s
Marker 2 : Radar Signal(Type 4) applied: 55.35 s

9.4 Test result

Test result: Pass

SECTION 10: Channel Move Time, Channel Closing Transmission Time

10.1 Operating environment

Mode	11ac-80
------	---------

Date	Test Place	Temperature	Humidity	Engineer
April 2, 2026	SR5	25 deg. C	45 % RH	Shiro Kobayashi
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

10.2 Test Procedure

Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test.

The Radar Waveform generator sends a Burst of pulses for one of the Radar Types 0 at levels defined 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.

Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel for duration greater than 10 seconds.

10.3 Test data

<Master Device>

11ac-80

Test Item	Unit	Measurement Time	Limit	Results
Channel Move Time *1)	[s]	0.957	10.000	Pass
Channel Closing Transmission Time *2)	[ms]	12.8	60	Pass

*1) Channel Move Time is calculated as follows:

(Channel Move Time) = (End of Transmission) - (End of Burst) = 3.493-2.536

*2) Channel Closing Transmission Time is calculated from (End of Burst + 200 ms) to (End of Burst + 10 s)

(Channel Closing Transmission Time) = (Number of analyzer bins showing transmission) × (dwell time per bin)
= 8 × 1.6 [ms]

<Client Device>

11ac-80

Test Item	Unit	Measurement Time	Limit	Results
Channel Move Time *1)	[s]	0.033	10.000	Pass
Channel Closing Transmission Time *2)	[ms]	0	60	Pass

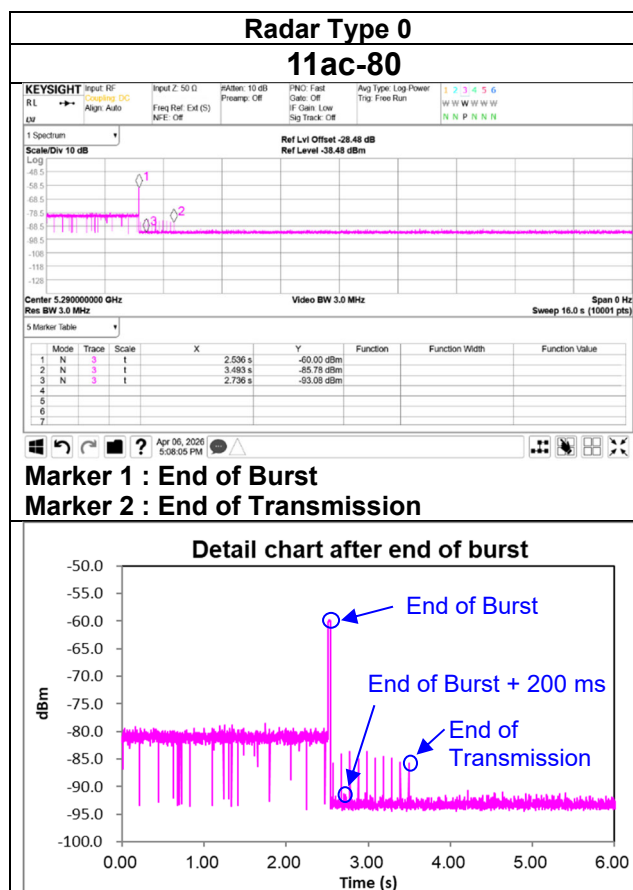
*1) Channel Move Time is calculated as follows:

(Channel Move Time) = (End of Transmission) - (End of Burst) = 2.539-2.506

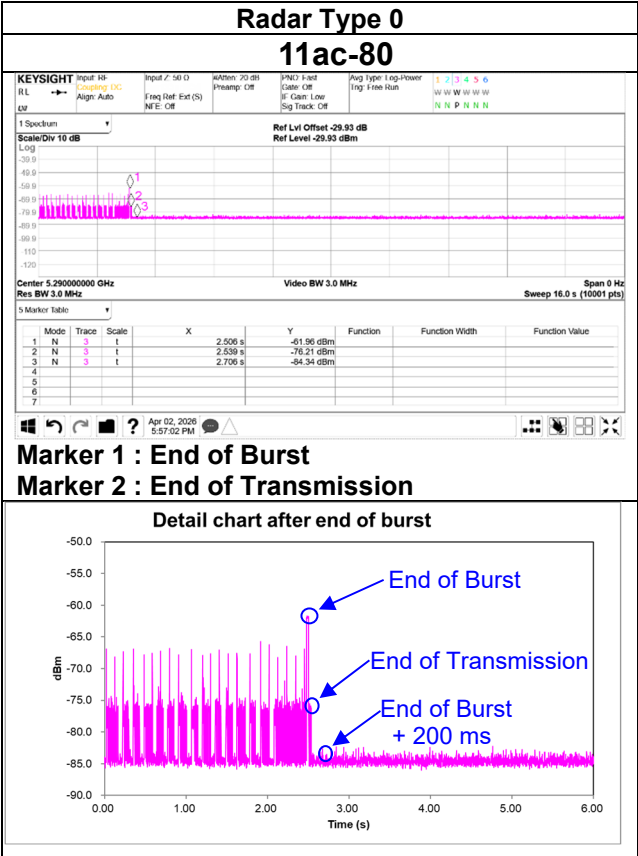
*2) Channel Closing Transmission Time is calculated from (End of Burst + 200 ms) to (End of Burst + 10 s)

(Channel Closing Transmission Time) = (Number of analyzer bins showing transmission) × (dwell time per bin)
= 0 × 1.6 [ms]

<Master mode>



<Client mode>



10.4 Test result

Test result: Pass

SECTION 11: Non-Occupancy Period

11.1 Operating environment

Mode	11ac-80
------	---------

Date	Test Place	Temperature	Humidity	Engineer
April 2, 2026	SR5	25 deg. C	45 % RH	Shiro Kobayashi
April 6, 2026	SR5	26 deg. C	49 % RH	Shiro Kobayashi

11.2 Test Procedure

The following two tests are performed:

1). Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test.

The Radar Waveform generator sends a Burst of pulses for one of the Radar Types 0-4(Master Device) or the Radar Types 0(Client Device) at levels defined 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.

Observe the transmissions of the EUT after the Channel Move Time on the Operating Channel for duration greater than 30 minutes.

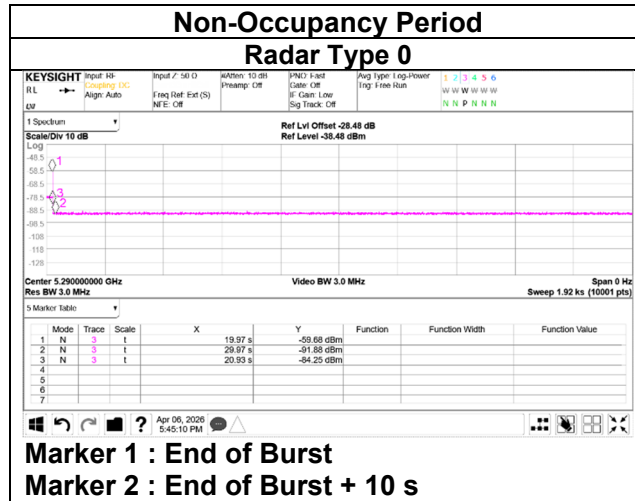
<Client mode only>

2). Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test.

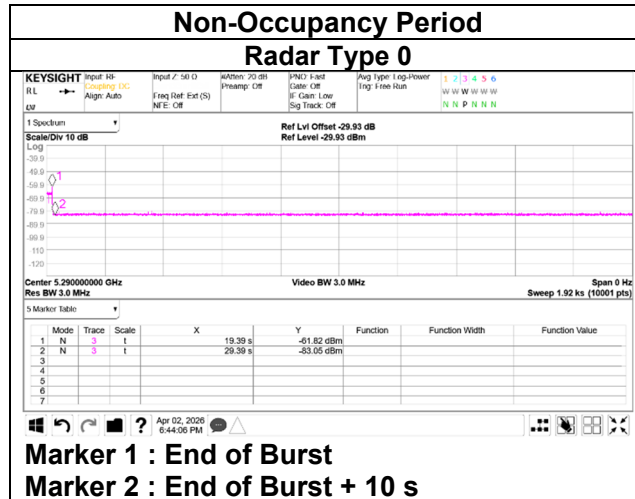
Observe the transmissions of the EUT on the Operating Channel for duration greater than 30 minutes after the Master Device is shut off.

11.3 Test data

<Master mode>



<Client mode>



11.4 Test result

Test result: Pass

SECTION 12: In-Service Monitoring(Statistical Performance Check)

12.1 Operating environment

Mode	11a / 11ac-40 / 11ac-80
------	-------------------------

Date	Test Place	Temperature	Humidity	Engineer
April 7, 2026	SR5	25 deg. C	43 % RH	Shiro Kobayashi

12.2 Test Procedure

Transmit the data from the Master Device to the Client Device on the test Channel for the entire period of the test.

Radar Waveform generator sends the individual waveform for each of the Radar Types 1-6, at levels defined,

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.

Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than

10 seconds for Short Pulse Radar Types 1-4 and 6 to ensure detection occurs.

Observe the transmissions of the EUT at the end of the Burst on the Operating Channel for duration greater than

22 seconds for Long Pulse Radar Type 5 to ensure detection occurs.

Radar detection is observed by two techniques.

- Monitoring LAN traffic with Spectrum Analyzer.
- Indicator of PC connected to EUT

12.3 Test data**5300 MHz (11a)**

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	28	93.33	60	Pass
2	30	30	100.00	60	Pass
3	30	29	96.67	60	Pass
4	30	29	96.67	60	Pass
Aggregate of 1 to 4	-	-	96.67	80	Pass
5	30	30	100.00	80	Pass
6	30	30	100.00	70	Pass

5310 MHz (11ac-40)

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	27	90.00	60	Pass
2	30	30	100.00	60	Pass
3	30	29	96.67	60	Pass
4	30	29	96.67	60	Pass
Aggregate of 1 to 4	-	-	95.83	80	Pass
5	30	30	100.00	80	Pass
6	30	30	100.00	70	Pass

5290MHz (11ac-80)

Radar Type	Number of Trials	Number of Successful Detections	Percentage of Successful Detections [%]	Limit [%]	Results
1	30	30	100.00	60	Pass
2	30	30	100.00	60	Pass
3	30	30	100.00	60	Pass
4	30	30	100.00	60	Pass
Aggregate of 1 to 4	-	-	100.00	80	Pass
5	30	30	100.00	80	Pass
6	30	30	100.00	70	Pass

12.4 Test result

Test result: Pass

APPENDIX 1: Data of DFS test

U-NII Detection Bandwidth

5300 MHz (11a)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5285	10	0	0	-
5289	10	0	0	-
5290	10	10	100	FL
5295	10	10	100	-
5300	10	10	100	-
5305	10	10	100	-
5310	10	10	100	FH
5311	10	0	0	-
5315	10	0	0	-

5310 MHz (11ac-40)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5285	10	0	0	-
5289	10	0	0	-
5290	10	10	100	FL
5295	10	10	100	-
5300	10	10	100	-
5305	10	10	100	-
5310	10	10	100	-
5315	10	10	100	-
5320	10	10	100	-
5325	10	10	100	-
5330	10	10	100	FH
5331	10	0	0	-
5335	10	0	0	-

5290 MHz (11ac-80)

Frequency [MHz]	Number of Trials [Times]	Number of Detected [Times]	Ratio of Detected [%]	Mark
5245	10	0	0	-
5249	10	0	0	-
5250	10	10	100	FL
5255	10	10	100	-
5260	10	10	100	-
5265	10	10	100	-
5270	10	10	100	-
5275	10	10	100	-
5280	10	10	100	-
5285	10	10	100	-
5290	10	10	100	-
5295	10	10	100	-
5300	10	10	100	-
5305	10	10	100	-
5310	10	10	100	-
5315	10	10	100	-
5320	10	10	100	-
5325	10	10	100	-
5330	10	10	100	FH
5331	10	0	0	
5335	10	0	0	-

Statistical Performance Check**5300 MHz (11a)**

Trial #	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	No	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
4	No	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	No	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	Yes	Yes	Yes	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	Yes	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	No	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	Yes	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	Yes	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	Yes	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
30	Yes	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency: 5300 MHz						
Radar Frequency: 5300 MHz						

Statistical Performance Check**5310MHz (11ac-40)**

Trial #	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
4	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	No	Yes	No	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	Yes	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	Yes	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	No	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	Yes	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	No	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
30	No	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency: 5310 MHz						
Radar Frequency: 5310 MHz						

Statistical Performance Check**5290 MHz (11ac-80)**

Trial #	Radar Type1	Radar Type2	Radar Type3	Radar Type4	Radar Type5	Radar Type6
	Detection	Detection	Detection	Detection	Detection	Detection
	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
1	Yes	Yes	Yes	Yes	Yes	Yes
2	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
4	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
6	Yes	Yes	Yes	Yes	Yes	Yes
7	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
9	Yes	Yes	Yes	Yes	Yes	Yes
10	Yes	Yes	Yes	Yes	Yes	Yes
11	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
13	Yes	Yes	Yes	Yes	Yes	Yes
14	Yes	Yes	Yes	Yes	Yes	Yes
15	Yes	Yes	Yes	Yes	Yes	Yes
16	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
18	Yes	Yes	Yes	Yes	Yes	Yes
19	Yes	Yes	Yes	Yes	Yes	Yes
20	Yes	Yes	Yes	Yes	Yes	Yes
21	Yes	Yes	Yes	Yes	Yes	Yes
22	Yes	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	Yes	Yes	Yes
24	Yes	Yes	Yes	Yes	Yes	Yes
25	Yes	Yes	Yes	Yes	Yes	Yes
26	Yes	Yes	Yes	Yes	Yes	Yes
27	Yes	Yes	Yes	Yes	Yes	Yes
28	Yes	Yes	Yes	Yes	Yes	Yes
29	Yes	Yes	Yes	Yes	Yes	Yes
30	Yes	Yes	Yes	Yes	Yes	Yes
EUT Test Frequency: 5290 MHz						
Radar Frequency: 5290 MHz						

Parameter Data sheet for Radar Type 1**5300 MHz (11a)**

Radar Type1				
Trial #	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
1	18	1165.5	62	858
2	3	1792.1	95	558
3	5	1672.2	89	598
4	11	1392.8	74	718
5	1	1930.5	102	518
6	22	1066.1	57	938
7	12	1355.0	72	738
8	20	1113.6	59	898
9	17	1193.3	63	838
10	7	1567.4	83	638
11	9	1474.9	78	678
12	19	1139.0	61	878
13	15	1253.1	67	798
14	13	1319.3	70	758
15	6	1618.1	86	618
16	-	438.8	24	2279
17	-	1088.1	58	919
18	-	341.4	19	2929
19	-	1194.7	64	837
20	-	489.0	26	2045
21	-	1236.1	66	809
22	-	1360.5	72	735
23	-	575.7	31	1737
24	-	828.5	44	1207
25	-	1007.0	54	993
26	-	405.0	22	2469
27	-	710.7	38	1407
28	-	513.9	28	1946
29	-	366.6	20	2728
30	-	522.5	28	1914

Parameter Data sheet for Radar Type 1**5310 MHz (11ac-40)**

Radar Type1				
Trial #	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
1	20	1113.6	59	898
2	11	1392.8	74	718
3	21	1089.3	58	918
4	5	1672.2	89	598
5	22	1066.1	57	938
6	18	1165.5	62	858
7	19	1139.0	61	878
8	6	1618.1	86	618
9	7	1567.4	83	638
10	9	1474.9	78	678
11	16	1222.5	65	818
12	1	1930.5	102	518
13	8	1519.8	81	658
14	3	1792.1	95	558
15	13	1319.3	70	758
16	-	426.4	23	2345
17	-	1594.9	85	627
18	-	345.5	19	2894
19	-	1828.2	97	547
20	-	342.1	19	2923
21	-	1336.9	71	748
22	-	598.1	32	1672
23	-	430.8	23	2321
24	-	479.6	26	2085
25	-	973.7	52	1027
26	-	1264.2	67	791
27	-	598.8	32	1670
28	-	330.4	18	3027
29	-	343.2	19	2914
30	-	505.1	27	1980

Parameter Data sheet for Radar Type 1**5290MHz (11ac-80)**

Radar Type1				
Trial #	Pulse Repetition Frequency Number(1 to 23)	Pulse Repetition Frequency (Pulses Per Second)	Number of Pulses	Pulse Repetition Interval (Microseconds)
1	4	1730.1	92	578
2	20	1113.6	59	898
3	10	1432.7	76	698
4	16	1222.5	65	818
5	23	326.2	18	3066
6	7	1567.4	83	638
7	1	1930.5	102	518
8	22	1066.1	57	938
9	17	1193.3	63	838
10	11	1392.8	74	718
11	3	1792.1	95	558
12	12	1355.0	72	738
13	6	1618.1	86	618
14	5	1672.2	89	598
15	9	1474.9	78	678
16	-	337.5	18	2963
17	-	473.9	26	2110
18	-	341.4	19	2929
19	-	801.3	43	1248
20	-	587.9	32	1701
21	-	557.1	30	1795
22	-	775.8	41	1289
23	-	563.7	30	1774
24	-	445.6	24	2244
25	-	421.4	23	2373
26	-	675.7	36	1480
27	-	402.3	22	2486
28	-	356.3	19	2807
29	-	859.8	46	1163
30	-	362.3	20	2760

Parameter Data sheet for Radar Type 2**5300 MHz (11a)**

Radar Type2			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	24	2.0	190
2	27	3.9	205
3	27	3.7	174
4	27	3.5	153
5	29	4.5	202
6	23	1.1	189
7	26	3.0	165
8	23	1.4	209
9	28	4.1	168
10	27	3.8	207
11	27	3.7	150
12	28	4.4	201
13	25	2.5	163
14	27	3.5	186
15	24	1.7	181
16	25	2.7	230
17	27	3.5	179
18	23	1.0	159
19	26	3.0	195
20	29	4.8	221
21	27	3.7	217
22	24	1.9	185
23	26	3.0	199
24	23	1.4	213
25	24	1.8	187
26	29	5.0	176
27	25	2.3	177
28	26	3.1	215
29	27	3.5	216
30	27	3.6	167

Parameter Data sheet for Radar Type 2

5310 MHz (11ac-40)

Radar Type2			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	23	1.1	227
2	28	4.1	170
3	27	3.8	214
4	26	2.9	198
5	25	2.4	226
6	25	2.1	155
7	23	1.0	221
8	23	1.4	178
9	26	3.1	212
10	23	1.0	174
11	25	2.2	187
12	23	1.1	150
13	26	3.0	196
14	25	2.7	159
15	24	1.7	222
16	24	1.6	201
17	25	2.7	206
18	28	4.3	207
19	24	1.9	177
20	23	1.3	158
21	25	2.4	154
22	28	4.2	167
23	28	4.3	179
24	27	3.5	161
25	24	1.9	186
26	26	3.3	199
27	28	3.9	173
28	25	2.2	197
29	29	4.5	183
30	27	3.4	194

Parameter Data sheet for Radar Type 2**5290 MHz (11ac-80)**

Radar Type2			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	25	2.2	162
2	28	3.9	208
3	26	2.9	175
4	25	2.4	165
5	27	3.6	163
6	28	4.1	170
7	27	3.7	212
8	26	2.7	183
9	24	2.1	161
10	26	3.0	197
11	25	2.5	211
12	28	4.0	227
13	26	2.8	194
14	29	4.7	222
15	29	4.6	174
16	25	2.4	193
17	28	4.3	186
18	26	2.8	164
19	26	3.2	169
20	28	4.0	168
21	24	1.8	176
22	26	3.0	213
23	23	1.3	182
24	23	1.1	196
25	26	3.1	188
26	29	4.6	151
27	27	3.4	180
28	29	4.9	177
29	26	3.1	199
30	29	4.5	173

Parameter Data sheet for Radar Type 3**5300 MHz (11a)**

Radar Type3			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	18	9.1	351
2	16	6.0	375
3	17	7.5	218
4	18	9.3	403
5	16	7.2	280
6	18	9.6	225
7	18	9.9	368
8	17	8.5	302
9	18	9.6	228
10	16	6.2	346
11	17	7.6	350
12	17	8.5	460
13	16	6.2	332
14	16	6.5	383
15	18	9.6	440
16	16	6.1	273
17	16	6.2	439
18	17	8.6	455
19	17	8.1	306
20	17	7.3	211
21	18	9.3	470
22	17	7.9	253
23	18	8.7	221
24	17	7.9	459
25	16	7.2	236
26	17	8.6	395
27	16	6.7	230
28	16	6.5	266
29	18	9.7	339
30	17	7.8	201

Parameter Data sheet for Radar Type 3**5310 MHz (11ac-40)**

Radar Type3			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	17	8.2	468
2	16	6.2	298
3	17	7.5	433
4	18	8.8	487
5	18	9.2	411
6	16	6.6	471
7	17	7.9	448
8	17	8.4	379
9	17	8.6	395
10	17	7.5	274
11	16	6.1	291
12	18	9.3	252
13	16	6.7	413
14	18	9.8	241
15	18	9.6	317
16	18	9.2	409
17	18	9.4	388
18	17	7.8	213
19	16	7.0	215
20	17	7.9	476
21	17	7.9	444
22	16	6.1	474
23	18	10.0	359
24	18	9.9	279
25	16	7.3	212
26	16	6.8	226
27	17	8.3	494
28	18	9.8	499
29	16	6.5	460
30	17	7.6	397

Parameter Data sheet for Radar Type 3**5290 MHz (11ac-80)**

Radar Type3			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	18	9.4	451
2	16	6.0	290
3	16	6.7	417
4	17	8.3	293
5	16	6.4	434
6	17	8.6	317
7	16	6.4	429
8	18	9.8	266
9	17	7.6	480
10	18	9.5	223
11	16	6.4	375
12	17	8.1	365
13	16	6.5	368
14	17	7.7	367
15	17	8.4	307
16	18	9.9	361
17	16	6.9	310
18	16	6.2	212
19	17	8.3	258
20	16	6.5	285
21	16	7.3	217
22	18	9.0	247
23	16	7.0	257
24	17	7.5	304
25	17	8.5	213
26	17	8.1	343
27	17	7.9	413
28	17	8.4	315
29	18	9.2	456
30	18	8.7	398

Parameter Data sheet for Radar Type 4

5300 MHz (11a)

Radar Type4			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	13	13.7	369
2	13	13.7	232
3	12	11.6	468
4	12	11.3	273
5	15	17.9	207
6	15	18.0	321
7	14	14.6	450
8	12	12.1	324
9	12	11.1	452
10	14	14.9	414
11	12	12.3	416
12	14	14.7	239
13	15	17.8	385
14	15	17.0	428
15	14	16.3	280
16	15	17.0	262
17	14	15.2	479
18	13	13.3	229
19	14	16.1	500
20	15	17.5	303
21	16	19.6	276
22	15	17.5	212
23	16	18.6	448
24	16	18.4	234
25	14	14.6	427
26	13	13.5	269
27	12	11.3	215
28	15	17.8	350
29	12	12.6	330
30	13	13.4	237

Parameter Data sheet for Radar Type 4**5310 MHz (11ac-40)**

Radar Type4			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	12	11.6	486
2	13	14.3	457
3	12	11.7	381
4	16	19.2	358
5	13	13.2	337
6	12	11.3	265
7	16	19.3	229
8	12	11.9	401
9	15	18.1	318
10	15	17.7	342
11	15	18.1	333
12	15	16.4	466
13	16	18.9	285
14	14	15.1	329
15	14	16.3	376
16	14	14.8	356
17	13	13.4	239
18	12	11.5	399
19	13	13.6	300
20	16	18.7	202
21	15	16.6	408
22	13	13.4	267
23	12	12.3	439
24	13	13.9	351
25	14	14.8	320
26	16	18.7	363
27	14	15.0	338
28	14	16.0	484
29	14	14.8	270
30	13	12.9	393

Parameter Data sheet for Radar Type 4**5290 MHz (11ac-80)**

Radar Type4			
Trial #	Number Pulses per Burst	Pulse Width [us]	PRI [us]
1	13	14.2	469
2	13	13.8	449
3	16	19.0	366
4	15	18.0	466
5	14	15.9	361
6	14	15.7	413
7	14	16.1	210
8	14	15.0	288
9	14	15.8	403
10	13	13.1	290
11	16	18.6	442
12	13	13.8	446
13	16	18.4	421
14	16	19.6	412
15	13	13.6	319
16	14	16.3	294
17	15	16.9	299
18	15	17.1	356
19	15	16.5	282
20	14	15.7	208
21	14	15.2	375
22	16	19.9	277
23	14	14.8	307
24	15	17.7	359
25	15	17.5	268
26	12	12.5	253
27	13	13.9	252
28	13	12.9	315
29	12	11.6	328
30	14	15.3	261

Parameter Data sheet for Radar Type 5**5300 MHz (11a)**

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
1	0	3	91.0	18.0	1617.0	1128.0	41486	5300
	1	2	79.7	18.0	1820.3	-	202535	5300
	2	3	88.6	18.0	1236.4	1274.4	362805	5300
	3	1	62.6	18.0	-	-	525863	5300
	4	1	60.6	18.0	-	-	21771	5300
	5	2	82.4	18.0	1352.6	-	182804	5300
	6	3	92.5	18.0	1326.5	1689.5	342849	5300
	7	2	81.3	18.0	1741.7	-	504636	5300
	8	1	57.1	18.0	-	-	1915	5300
	9	3	89.9	18.0	1295.1	1597.1	162475	5300
	10	3	94.3	18.0	1483.7	1123.7	323440	5300
	11	1	59.5	18.0	-	-	485888	5300
	12	2	71.9	18.0	1327.1	-	645870	5300
	13	1	59.1	18.0	-	-	143301	5300
	14	1	64.5	18.0	-	-	304790	5300
	15	1	64.4	18.0	-	-	466117	5300
	16	3	94.6	18.0	1751.4	1047.4	624782	5300
	17	3	94.0	18.0	1285.0	1387.0	122874	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
2	0	2	79.4	14.0	1811.6	-	341113	5300
	1	1	55.5	14.0	-	-	535283	5300
	2	1	53.9	14.0	-	-	729112	5300
	3	3	98.6	14.0	1616.4	1532.4	123829	5300
	4	1	50.5	14.0	-	-	318204	5300
	5	1	58.2	14.0	-	-	511614	5300
	6	2	75.1	14.0	1516.9	-	703762	5300
	7	3	96.2	14.0	935.8	1019.8	100217	5300
	8	3	95.1	14.0	1386.9	1317.9	293266	5300
	9	2	68.6	14.0	1157.4	-	487186	5300
	10	2	72.8	14.0	928.2	-	680842	5300
	11	1	53.5	14.0	-	-	76671	5300
	12	3	90.7	14.0	1009.3	1471.3	269317	5300
	13	3	83.4	14.0	1752.6	1507.6	462142	5300
	14	3	89.3	14.0	1360.7	1040.7	655880	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
3	0	3	98.2	17.0	1163.8	1697.8	43810	5300
	1	3	90.3	17.0	1216.7	985.7	204459	5300
	2	3	97.9	17.0	1590.1	1028.1	365333	5300
	3	2	78.5	17.0	981.5	-	526948	5300
	4	3	88.8	17.0	933.2	1078.2	24053	5300
	5	2	70.4	17.0	1802.6	-	184958	5300
	6	1	64.7	17.0	-	-	346916	5300
	7	3	99.5	17.0	1898.5	1149.5	505645	5300
	8	1	64.9	17.0	-	-	4268	5300
	9	2	75.1	17.0	1481.9	-	165307	5300
	10	1	61.4	17.0	-	-	327125	5300
	11	3	96.6	17.0	1352.4	1656.4	486107	5300
	12	3	95.0	17.0	1445.0	1282.0	646874	5300
	13	3	97.9	17.0	1806.1	1177.1	144989	5300
	14	1	62.7	17.0	-	-	306839	5300
	15	2	83.0	17.0	1876.0	-	466748	5300
	16	1	63.9	17.0	-	-	630022	5300
	17	2	74.3	17.0	1361.7	-	125563	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
4	0	1	55.6	9.0	-	-	470470	5300
	1	2	74.7	9.0	1033.3	-	733892	5300
	2	3	98.3	9.0	1694.7	1253.7	995905	5300
	3	3	92.2	9.0	1872.8	1065.8	173103	5300
	4	3	92.5	9.0	1361.5	1567.5	436369	5300
	5	2	79.1	9.0	947.9	-	701506	5300
	6	2	80.3	9.0	1546.7	-	964782	5300
	7	3	87.5	9.0	1541.5	1108.5	140658	5300
	8	1	64.5	9.0	-	-	405111	5300
	9	3	87.3	9.0	1625.7	1832.7	667125	5300
	10	2	73.9	9.0	1046.1	-	933132	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
5	0	1	58.4	8.0	-	-	119296	5300
	1	1	53.5	8.0	-	-	409934	5300
	2	3	99.3	8.0	1565.7	1748.7	698449	5300
	3	1	60.9	8.0	-	-	991638	5300
	4	2	70.2	8.0	1692.8	-	83382	5300
	5	2	73.8	8.0	1628.2	-	373607	5300
	6	2	68.9	8.0	1464.1	-	664116	5300
	7	2	66.7	8.0	1469.3	-	954338	5300
	8	3	86.0	8.0	1296.0	1256.0	47614	5300
	9	1	55.8	8.0	-	-	338354	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
6	0	2	73.5	15.0	1178.5	-	392424	5300
	1	1	64.7	15.0	-	-	574315	5300
	2	1	56.0	15.0	-	-	7447	5300
	3	3	89.1	15.0	1261.9	1686.9	188259	5300
	4	2	73.4	15.0	1513.6	-	369555	5300
	5	3	89.2	15.0	1353.8	1868.8	549417	5300
	6	1	61.6	15.0	-	-	733874	5300
	7	2	80.2	15.0	1381.8	-	166401	5300
	8	3	98.3	15.0	1585.7	1779.7	346450	5300
	9	2	82.3	15.0	1015.7	-	528745	5300
	10	3	85.6	15.0	1566.4	1274.4	708087	5300
	11	1	58.8	15.0	-	-	144183	5300
	12	2	79.3	15.0	1129.7	-	325366	5300
	13	3	85.1	15.0	1829.9	1161.9	505044	5300
	14	1	58.6	15.0	-	-	688751	5300
	15	3	91.0	15.0	1139.0	1779.0	121373	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
7	0	1	55.9	18.0	-	-	255434	5300
	1	3	97.8	18.0	1046.2	1216.2	406601	5300
	2	2	68.7	18.0	1014.3	-	560155	5300
	3	3	98.2	18.0	966.8	1413.8	83413	5300
	4	1	51.2	18.0	-	-	236469	5300
	5	1	55.9	18.0	-	-	389483	5300
	6	2	77.4	18.0	996.6	-	541342	5300
	7	2	75.6	18.0	1624.4	-	64796	5300
	8	1	56.4	18.0	-	-	217839	5300
	9	2	71.6	18.0	1761.4	-	369538	5300
	10	1	62.2	18.0	-	-	523603	5300
	11	3	85.7	18.0	1077.3	1595.3	45944	5300
	12	2	74.7	18.0	1675.3	-	198461	5300
	13	2	74.1	18.0	1802.9	-	350885	5300
	14	3	93.9	18.0	1884.1	1711.1	501816	5300
	15	1	66.2	18.0	-	-	27340	5300
	16	2	77.9	18.0	1723.1	-	179530	5300
	17	2	68.4	18.0	1456.6	-	332061	5300
	18	2	82.1	18.0	1393.9	-	484588	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
8	0	1	59.9	15.0	-	-	10100	5300
	1	3	92.3	15.0	1256.7	1043.7	191099	5300
	2	1	53.1	15.0	-	-	373395	5300
	3	2	69.1	15.0	942.9	-	554016	5300
	4	3	89.9	15.0	1058.1	1312.1	733868	5300
	5	2	68.6	15.0	1751.4	-	168888	5300
	6	1	57.3	15.0	-	-	350888	5300
	7	1	66.2	15.0	-	-	532039	5300
	8	1	55.0	15.0	-	-	713559	5300
	9	3	88.3	15.0	1412.7	1159.7	146358	5300
	10	3	99.7	15.0	1734.3	1691.3	327047	5300
	11	2	74.3	15.0	1921.7	-	508339	5300
	12	1	64.1	15.0	-	-	691456	5300
	13	1	52.2	15.0	-	-	124612	5300
	14	2	79.3	15.0	1911.7	-	305074	5300
	15	2	67.8	15.0	1564.2	-	486362	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
9	0	2	71.1	7.0	1542.9	-	1189214	5300
	1	3	98.0	7.0	1204.0	1230.0	181490	5300
	2	3	87.9	7.0	1741.1	1271.1	503450	5300
	3	1	54.6	7.0	-	-	827860	5300
	4	2	67.6	7.0	1830.4	-	1148820	5300
	5	3	87.4	7.0	1189.6	1087.6	141725	5300
	6	2	80.5	7.0	1153.5	-	464690	5300
	7	2	82.6	7.0	1836.4	-	787158	5300
	8	1	51.7	7.0	-	-	1111064	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
10	0	2	77.0	17.0	1422.0	-	50960	5300
	1	2	76.0	17.0	1869.0	-	211634	5300
	2	1	55.4	17.0	-	-	373504	5300
	3	2	74.2	17.0	1141.8	-	534452	5300
	4	3	88.5	17.0	1110.5	1602.5	31060	5300
	5	2	69.4	17.0	1145.6	-	192063	5300
	6	2	81.0	17.0	1032.0	-	353368	5300
	7	1	60.8	17.0	-	-	515354	5300
	8	1	53.0	17.0	-	-	11331	5300
	9	3	98.7	17.0	1185.3	968.3	172166	5300
	10	3	98.8	17.0	1552.2	1346.2	332665	5300
	11	1	52.8	17.0	-	-	494961	5300
	12	2	78.6	17.0	1311.4	-	655730	5300
	13	2	78.8	17.0	1742.2	-	152250	5300
	14	2	79.5	17.0	1908.5	-	312948	5300
	15	3	93.9	17.0	1436.1	1480.1	472999	5300
	16	3	89.8	17.0	933.2	1655.2	634325	5300
	17	2	72.4	17.0	1643.6	-	132570	5300

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
11	0	3	87.4	19.0	1165.6	1300.6	277730	5298
	1	1	56.8	19.0	-	-	431505	5298
	2	3	97.4	19.0	1405.6	1158.6	581488	5298
	3	3	98.1	19.0	916.9	1542.9	106612	5298
	4	3	83.5	19.0	1649.5	1784.5	258492	5298
	5	3	95.5	19.0	1584.5	1844.5	410316	5298
	6	1	56.2	19.0	-	-	565756	5298
	7	2	72.7	19.0	1840.3	-	87951	5298
	8	2	68.2	19.0	1580.8	-	240555	5298
	9	3	90.1	19.0	1145.9	1512.9	392243	5298
	10	1	63.8	19.0	-	-	546266	5298
	11	1	64.4	19.0	-	-	69416	5298
	12	2	72.6	19.0	1725.4	-	221641	5298
	13	1	61.7	19.0	-	-	375160	5298
	14	2	70.5	19.0	1416.5	-	526561	5298
	15	2	67.3	19.0	1835.7	-	50427	5298
	16	1	62.9	19.0	-	-	203517	5298
	17	3	92.7	19.0	1402.3	1834.3	354346	5298
	18	1	51.9	19.0	-	-	509062	5298

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
12	0	3	92.1	8.0	1347.9	966.9	60307	5293
	1	1	66.5	8.0	-	-	350977	5293
	2	2	68.8	8.0	1090.2	-	641028	5293
	3	2	68.6	8.0	1405.4	-	931231	5293
	4	1	63.5	8.0	-	-	24642	5293
	5	1	61.1	8.0	-	-	315209	5293
	6	1	53.5	8.0	-	-	606195	5293
	7	2	80.6	8.0	1068.4	-	895484	5293
	8	1	64.9	8.0	-	-	1187295	5293
	9	3	92.6	8.0	1718.4	1100.4	278783	5293

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
13	0	2	69.2	12.0	983.8	-	438052	5295
	1	1	58.4	12.0	-	-	661935	5295
	2	1	60.8	12.0	-	-	885552	5295
	3	2	77.9	12.0	1426.1	-	187177	5295
	4	1	64.9	12.0	-	-	410736	5295
	5	3	93.1	12.0	1430.9	926.9	632457	5295
	6	2	75.8	12.0	1596.2	-	856183	5295
	7	1	54.4	12.0	-	-	159944	5295
	8	2	79.0	12.0	1730.0	-	382567	5295
	9	3	92.5	12.0	1495.5	988.5	605234	5295
	10	1	59.9	12.0	-	-	830539	5295
	11	2	67.9	12.0	1183.1	-	132102	5295
	12	1	65.7	12.0	-	-	355717	5295

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
14	0	1	51.1	7.0	-	-	753664	5293
	1	3	91.0	7.0	1094.0	1008.0	1041962	5293
	2	3	97.0	7.0	936.0	1810.0	136015	5293
	3	3	88.6	7.0	940.4	1649.4	425819	5293
	4	2	76.1	7.0	979.9	-	716909	5293
	5	3	87.0	7.0	1590.0	1125.0	1006285	5293
	6	2	82.4	7.0	972.6	-	100410	5293
	7	1	61.2	7.0	-	-	391045	5293
	8	1	65.9	7.0	-	-	681671	5293
	9	3	86.8	7.0	957.2	1204.2	970527	5293

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
15	0	3	91.9	9.0	1642.1	1477.1	58637	5294
	1	3	97.7	9.0	1762.3	1033.3	321985	5294
	2	1	55.8	9.0	-	-	587466	5294
	3	2	68.5	9.0	1120.5	-	850367	5294
	4	3	88.2	9.0	997.8	1579.8	26192	5294
	5	3	83.8	9.0	1019.2	1676.2	289708	5294
	6	3	87.0	9.0	1860.0	1407.0	553148	5294
	7	2	79.9	9.0	938.1	-	818155	5294
	8	1	64.9	9.0	-	-	1082683	5294
	9	3	91.3	9.0	1242.7	1794.7	257201	5294
	10	2	80.2	9.0	1208.8	-	521712	5294

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
16	0	3	99.1	9.0	1502.9	1853.9	783595	5294
	1	2	81.7	9.0	1802.3	-	1048940	5294
	2	1	53.0	9.0	-	-	225306	5294
	3	3	86.6	9.0	1900.4	1352.4	488076	5294
	4	1	57.6	9.0	-	-	754125	5294
	5	2	68.7	9.0	1812.3	-	1016028	5294
	6	3	94.7	9.0	905.3	1289.3	192487	5294
	7	1	62.9	9.0	-	-	457090	5294
	8	3	84.0	9.0	1691.0	1830.0	718507	5294
	9	1	50.1	9.0	-	-	985394	5294
	10	3	92.1	9.0	1281.9	1213.9	159869	5294

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
17	0	2	74.1	19.0	971.9	-	244957	5298
	1	1	50.7	19.0	-	-	398375	5298
	2	2	67.7	19.0	1855.3	-	549331	5298
	3	2	77.7	19.0	1522.3	-	73726	5298
	4	1	66.5	19.0	-	-	226874	5298
	5	2	72.5	19.0	1557.5	-	378236	5298
	6	2	77.5	19.0	1315.5	-	531263	5298
	7	3	93.6	19.0	1116.4	1660.4	54811	5298
	8	2	82.6	19.0	1793.4	-	207138	5298
	9	2	81.3	19.0	1623.7	-	359934	5298
	10	1	53.2	19.0	-	-	513317	5298
	11	2	71.6	19.0	1727.4	-	36131	5298
	12	2	68.9	19.0	1635.1	-	188592	5298
	13	2	80.2	19.0	1109.8	-	341077	5298
	14	1	59.1	19.0	-	-	494917	5298
	15	2	74.6	19.0	1749.4	-	17366	5298
	16	3	87.7	19.0	1447.3	1566.3	169489	5298
	17	2	70.6	19.0	1685.4	-	322370	5298
	18	3	92.0	19.0	1106.0	1223.0	474185	5298

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
18	0	1	62.6	19.0	-	-	628837	5298
	1	3	95.1	19.0	1760.9	1820.9	150486	5298
	2	2	76.6	19.0	1148.4	-	303460	5298
	3	3	85.6	19.0	976.4	1865.4	454769	5298
	4	1	52.1	19.0	-	-	609819	5298
	5	1	59.2	19.0	-	-	132538	5298
	6	3	94.0	19.0	1413.0	1203.0	283975	5298
	7	1	51.9	19.0	-	-	438161	5298
	8	2	68.4	19.0	1054.6	-	589513	5298
	9	2	68.2	19.0	1524.8	-	113553	5298
	10	3	87.7	19.0	1420.3	1757.3	265309	5298
	11	3	98.4	19.0	1018.6	1667.6	417588	5298
	12	2	82.0	19.0	1563.0	-	570464	5298
	13	3	86.6	19.0	1300.4	1409.4	94453	5298
	14	3	99.9	19.0	1057.1	1544.1	246828	5298
	15	2	73.5	19.0	1827.5	-	399352	5298
	16	1	55.0	19.0	-	-	553501	5298
	17	1	50.8	19.0	-	-	76061	5298
	18	1	60.4	19.0	-	-	229044	5298

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
19	0	2	67.3	14.0	1931.7	-	482523	5296
	1	1	64.4	14.0	-	-	677839	5296
	2	1	52.4	14.0	-	-	72578	5296
	3	2	71.3	14.0	1715.7	-	265685	5296
	4	1	58.7	14.0	-	-	459643	5296
	5	3	98.9	14.0	1328.1	1632.1	650597	5296
	6	3	95.8	14.0	1121.2	946.2	48597	5296
	7	1	60.0	14.0	-	-	242335	5296
	8	3	84.1	14.0	1049.9	1642.9	434352	5296
	9	1	56.4	14.0	-	-	630028	5296
	10	3	98.6	14.0	1648.4	1282.4	24786	5296
	11	3	94.2	14.0	1499.8	915.8	217861	5296
	12	1	57.0	14.0	-	-	412222	5296
	13	3	92.3	14.0	1040.7	1060.7	604188	5296
	14	3	92.0	14.0	1782.0	1515.0	1032	5296

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
20	0	3	87.6	6.0	1059.4	1509.4	323955	5292
	1	3	97.0	6.0	1842.0	1413.0	646002	5292
	2	3	97.6	6.0	1344.4	1757.4	968688	5292
	3	1	65.2	6.0	-	-	1293323	5292
	4	1	65.6	6.0	-	-	284942	5292
	5	2	68.4	6.0	1402.6	-	607316	5292
	6	2	72.6	6.0	1466.4	-	929561	5292
	7	2	70.6	6.0	1924.4	-	1251850	5292
	8	1	59.0	6.0	-	-	245099	5292

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
21	0	2	75.3	6.0	1775.7	-	567572	5308
	1	3	94.9	6.0	1528.1	1067.1	889644	5308
	2	2	82.9	6.0	1610.1	-	1212925	5308
	3	2	71.3	6.0	1226.7	-	205187	5308
	4	3	85.0	6.0	1853.0	1635.0	527012	5308
	5	2	69.1	6.0	1860.9	-	850215	5308
	6	1	56.6	6.0	-	-	1174094	5308
	7	1	54.1	6.0	-	-	165562	5308
	8	2	73.8	6.0	1710.2	-	488069	5308

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
22	0	2	77.2	20.0	952.8	-	363938	5302
	1	1	53.3	20.0	-	-	510228	5302
	2	2	77.6	20.0	1308.4	-	56406	5302
	3	1	60.1	20.0	-	-	201676	5302
	4	2	73.7	20.0	1132.3	-	346299	5302
	5	2	67.9	20.0	1759.1	-	490243	5302
	6	3	86.7	20.0	922.3	930.3	38497	5302
	7	1	56.3	20.0	-	-	183698	5302
	8	3	99.3	20.0	1863.7	1124.7	327352	5302
	9	1	59.9	20.0	-	-	474246	5302
	10	3	95.6	20.0	1554.4	1846.4	20644	5302
	11	2	69.9	20.0	1773.1	-	165474	5302
	12	2	74.1	20.0	1922.9	-	309909	5302
	13	2	80.7	20.0	1176.3	-	455218	5302
	14	1	56.0	20.0	-	-	2895	5302
	15	3	90.0	20.0	1754.0	1500.0	147256	5302
	16	3	99.1	20.0	924.9	969.9	292058	5302
	17	1	52.8	20.0	-	-	438644	5302
	18	2	76.0	20.0	1642.0	-	582001	5302
	19	3	89.9	20.0	946.1	1110.1	129690	5302

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
23	0	3	85.2	5.0	1303.8	1842.8	687812	5308
	1	3	92.0	5.0	1745.0	1790.0	1050302	5308
	2	3	94.8	5.0	1859.2	1185.2	1412723	5308
	3	3	93.9	5.0	1235.1	1686.1	280501	5308
	4	3	93.4	5.0	1616.6	1147.6	643339	5308
	5	3	96.0	5.0	1600.0	1454.0	1005813	5308
	6	1	63.8	5.0	-	-	1371202	5308
	7	1	65.9	5.0	-	-	236320	5308

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
24	0	2	74.4	7.0	1376.6	-	479106	5307
	1	2	75.0	7.0	963.0	-	769664	5307
	2	1	64.9	7.0	-	-	1060914	5307
	3	3	99.8	7.0	1190.2	1309.2	152917	5307
	4	3	94.5	7.0	1116.5	977.5	443005	5307
	5	2	70.4	7.0	1238.6	-	734007	5307
	6	2	79.9	7.0	1274.1	-	1024177	5307
	7	3	89.0	7.0	1366.0	1800.0	117090	5307
	8	1	64.4	7.0	-	-	408072	5307
	9	2	77.5	7.0	1090.5	-	698326	5307

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
25	0	2	73.2	13.0	1505.8	-	705404	5305
	1	2	79.6	13.0	1479.4	-	58155	5305
	2	2	78.5	13.0	1580.5	-	265222	5305
	3	1	59.2	13.0	-	-	473274	5305
	4	2	69.2	13.0	1756.8	-	679427	5305
	5	1	62.6	13.0	-	-	32724	5305
	6	2	75.1	13.0	1898.9	-	239756	5305
	7	3	89.2	13.0	1254.8	1550.8	446406	5305
	8	1	51.2	13.0	-	-	655095	5305
	9	1	64.2	13.0	-	-	7164	5305
	10	2	76.9	13.0	1693.1	-	214236	5305
	11	2	81.4	13.0	1736.6	-	421280	5305
	12	3	86.0	13.0	954.0	1186.0	628198	5305
	13	1	66.2	13.0	-	-	837533	5305

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
26	0	2	80.7	19.0	1614.3	-	139000	5302
	1	1	64.3	19.0	-	-	291992	5302
	2	3	88.6	19.0	1077.4	1713.4	442744	5302
	3	3	85.2	19.0	1907.8	1060.8	594465	5302
	4	1	58.5	19.0	-	-	120378	5302
	5	3	83.8	19.0	1348.2	1801.2	271904	5302
	6	2	66.7	19.0	1377.3	-	424938	5302
	7	2	77.8	19.0	1091.2	-	577458	5302
	8	1	54.1	19.0	-	-	101618	5302
	9	2	70.7	19.0	1255.3	-	254068	5302
	10	2	82.0	19.0	1523.0	-	406073	5302
	11	2	74.2	19.0	1296.8	-	558783	5302
	12	3	95.0	19.0	1142.0	1727.0	82386	5302
	13	3	95.8	19.0	1828.2	1714.2	234245	5302
	14	2	75.4	19.0	1652.6	-	387276	5302
	15	1	53.7	19.0	-	-	541471	5302
	16	1	50.8	19.0	-	-	63933	5302
	17	2	67.0	19.0	1668.0	-	216278	5302
	18	2	75.6	19.0	1567.4	-	368741	5302

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
27	0	2	71.5	19.0	1714.5	-	521012	5302
	1	2	79.6	19.0	1377.4	-	45047	5302
	2	3	96.5	19.0	1550.5	1394.5	196848	5302
	3	1	61.3	19.0	-	-	350914	5302
	4	2	76.0	19.0	978.0	-	502724	5302
	5	2	72.8	19.0	1727.2	-	26249	5302
	6	2	82.1	19.0	1265.9	-	178872	5302
	7	2	68.7	19.0	1568.3	-	331045	5302
	8	1	54.2	19.0	-	-	484871	5302
	9	3	94.8	19.0	990.2	978.2	7476	5302
	10	3	99.6	19.0	1237.4	1626.4	159522	5302
	11	3	89.1	19.0	1001.9	1789.9	311706	5302
	12	3	93.1	19.0	1532.9	1107.9	463733	5302
	13	3	89.0	19.0	1911.0	914.0	616117	5302
	14	3	98.8	19.0	1266.2	1643.2	140856	5302
	15	2	69.1	19.0	1472.9	-	293627	5302
	16	2	80.2	19.0	1205.8	-	446262	5302
	17	2	81.8	19.0	1517.2	-	598876	5302
	18	3	94.7	19.0	1886.3	1530.3	122031	5302

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
28	0	2	80.5	10.0	1593.5	-	435787	5306
	1	2	80.7	10.0	1236.3	-	677571	5306
	2	1	60.7	10.0	-	-	920991	5306
	3	3	95.5	10.0	1322.5	1118.5	164127	5306
	4	2	75.4	10.0	1118.6	-	406276	5306
	5	1	57.7	10.0	-	-	648754	5306
	6	2	77.3	10.0	1694.7	-	889400	5306
	7	3	95.0	10.0	1019.0	1660.0	134402	5306
	8	2	67.7	10.0	1363.3	-	376278	5306
	9	2	79.3	10.0	1745.7	-	617931	5306
	10	1	63.7	10.0	-	-	861217	5306
	11	3	97.5	10.0	1599.5	1874.5	104491	5306

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
29	0	1	63.4	12.0	-	-	320317	5305
	1	1	59.8	12.0	-	-	543707	5305
	2	1	55.8	12.0	-	-	766983	5305
	3	1	64.4	12.0	-	-	69324	5305
	4	3	86.6	12.0	1532.4	1151.4	292011	5305
	5	3	84.2	12.0	1202.8	1362.8	514539	5305
	6	1	52.9	12.0	-	-	739892	5305
	7	1	62.6	12.0	-	-	41744	5305
	8	1	62.3	12.0	-	-	265355	5305
	9	2	76.4	12.0	1509.6	-	487839	5305
	10	1	65.0	12.0	-	-	712437	5305
	11	1	62.5	12.0	-	-	14236	5305
	12	2	83.1	12.0	1374.9	-	237357	5305

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
30	0	1	54.5	6.0	-	-	750201	5308
	1	2	81.7	6.0	1391.3	-	1112501	5308
	2	3	89.0	6.0	1750.0	1284.0	1473711	5308
	3	3	85.2	6.0	1779.8	1137.8	341093	5308
	4	3	96.3	6.0	1351.7	987.7	704166	5308
	5	2	76.7	6.0	1700.3	-	1067666	5308
	6	3	95.3	6.0	1272.7	1186.7	1429595	5308
	7	2	72.0	6.0	1543.0	-	296787	5308

Parameter Data sheet for Radar Type 5**5310 MHz (11ac-40)**

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
1	0	2	79.8	14.0	1911.2	-	668001	5310
	1	2	83.0	14.0	1579.0	-	64477	5310
	2	3	89.1	14.0	1264.9	1726.9	257225	5310
	3	1	55.9	14.0	-	-	451940	5310
	4	3	84.9	14.0	1700.1	1214.1	642874	5310
	5	3	95.4	14.0	1560.6	1886.6	40553	5310
	6	2	68.4	14.0	1262.6	-	233975	5310
	7	2	80.5	14.0	1038.5	-	427611	5310
	8	3	95.3	14.0	1513.7	1199.7	619613	5310
	9	1	55.5	14.0	-	-	16888	5310
	10	2	75.9	14.0	1910.1	-	209971	5310
	11	2	69.1	14.0	1922.9	-	403306	5310
	12	2	78.2	14.0	1337.8	-	596780	5310
	13	3	99.0	14.0	1601.0	1626.0	787750	5310
	14	1	64.6	14.0	-	-	186682	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
2	0	1	52.2	15.0	-	-	356614	5310
	1	3	84.4	15.0	1223.6	1385.6	536132	5310
	2	3	84.0	15.0	1632.0	1381.0	716086	5310
	3	1	65.9	15.0	-	-	152624	5310
	4	1	61.9	15.0	-	-	334039	5310
	5	3	87.5	15.0	1194.5	1318.5	513683	5310
	6	2	75.8	15.0	981.2	-	696071	5310
	7	1	66.1	15.0	-	-	130305	5310
	8	3	83.6	15.0	1208.4	1090.4	310588	5310
	9	2	76.1	15.0	1719.9	-	492457	5310
	10	2	74.6	15.0	1019.4	-	674113	5310
	11	1	65.1	15.0	-	-	107963	5310
	12	1	58.7	15.0	-	-	289291	5310
	13	3	84.7	15.0	1558.3	964.3	469364	5310
	14	1	50.8	15.0	-	-	652100	5310
	15	1	56.1	15.0	-	-	85619	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
3	0	1	51.6	17.0	-	-	237520	5310
	1	3	88.2	17.0	1569.8	1105.8	396943	5310
	2	3	85.6	17.0	1841.4	1104.4	557567	5310
	3	1	65.6	17.0	-	-	56149	5310
	4	2	76.2	17.0	1320.8	-	217014	5310
	5	1	64.3	17.0	-	-	378700	5310
	6	3	98.0	17.0	1056.0	1606.0	537964	5310
	7	3	84.8	17.0	1143.2	1416.2	36136	5310
	8	2	80.8	17.0	1328.2	-	197153	5310
	9	1	65.6	17.0	-	-	358780	5310
	10	2	76.0	17.0	957.0	-	519432	5310
	11	3	89.1	17.0	1377.9	1111.9	16359	5310
	12	1	54.8	17.0	-	-	177863	5310
	13	2	83.0	17.0	1638.0	-	338417	5310
	14	1	54.6	17.0	-	-	500023	5310
	15	2	77.8	17.0	1766.2	-	660371	5310
	16	1	54.9	17.0	-	-	157787	5310
	17	3	84.1	17.0	1127.9	1375.9	317974	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
4	0	3	97.9	6.0	1676.1	1263.1	959634	5310
	1	1	66.2	6.0	-	-	1284883	5310
	2	2	80.3	6.0	1444.7	-	275974	5310
	3	1	61.3	6.0	-	-	599330	5310
	4	3	96.5	6.0	1297.5	1271.5	920405	5310
	5	3	92.1	6.0	1322.9	1710.9	1242165	5310
	6	1	53.9	6.0	-	-	236474	5310
	7	2	66.9	6.0	1191.1	-	559016	5310
	8	1	55.5	6.0	-	-	882614	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
5	0	2	79.8	16.0	1194.2	-	636258	5310
	1	1	60.3	16.0	-	-	103985	5310
	2	2	80.3	16.0	1504.7	-	274467	5310
	3	1	59.6	16.0	-	-	445832	5310
	4	3	95.8	16.0	1472.2	1015.2	614308	5310
	5	3	94.4	16.0	1732.6	926.6	82723	5310
	6	3	99.5	16.0	1086.5	1201.5	252830	5310
	7	2	74.2	16.0	1809.8	-	423618	5310
	8	2	81.0	16.0	1005.0	-	594584	5310
	9	3	92.7	16.0	1785.3	1827.3	61625	5310
	10	3	83.4	16.0	1327.6	1392.6	231766	5310
	11	3	88.4	16.0	1539.6	962.6	402140	5310
	12	3	87.9	16.0	948.1	1045.1	573033	5310
	13	3	86.4	16.0	1436.6	1486.6	40720	5310
	14	3	99.2	16.0	1410.8	1587.8	210722	5310
	15	3	85.1	16.0	1451.9	1698.9	380943	5310
	16	3	96.4	16.0	1778.6	934.6	551149	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
6	0	1	61.5	19.0	-	-	17783	5310
	1	3	86.8	19.0	1069.2	1013.2	170102	5310
	2	1	61.2	19.0	-	-	323307	5310
	3	1	50.6	19.0	-	-	476488	5310
	4	2	71.5	19.0	1565.5	-	627267	5310
	5	3	96.8	19.0	1355.2	1213.2	151092	5310
	6	1	60.2	19.0	-	-	304618	5310
	7	2	74.7	19.0	1328.3	-	456628	5310
	8	3	86.9	19.0	1906.1	976.1	606935	5310
	9	3	84.7	19.0	1707.3	1777.3	132119	5310
	10	2	75.8	19.0	1545.2	-	285139	5310
	11	3	90.4	19.0	1142.6	1785.6	436107	5310
	12	3	91.8	19.0	1439.2	1663.2	588762	5310
	13	3	93.6	19.0	1098.4	1193.4	113613	5310
	14	1	61.7	19.0	-	-	266870	5310
	15	1	59.2	19.0	-	-	419426	5310
	16	1	58.7	19.0	-	-	572790	5310
	17	2	68.2	19.0	1623.8	-	94997	5310
	18	2	74.5	19.0	1215.5	-	247456	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
7	0	1	50.5	10.0	-	-	635316	5310
	1	1	56.0	10.0	-	-	877525	5310
	2	2	80.2	10.0	1372.8	-	121053	5310
	3	3	94.8	10.0	1401.2	1517.2	362199	5310
	4	1	55.3	10.0	-	-	605818	5310
	5	1	58.7	10.0	-	-	847813	5310
	6	2	73.7	10.0	1693.3	-	91241	5310
	7	3	85.2	10.0	1581.8	1764.8	332438	5310
	8	2	71.5	10.0	1835.5	-	574478	5310
	9	3	95.7	10.0	1818.3	1757.3	814511	5310
	10	1	59.9	10.0	-	-	61561	5310
	11	2	79.8	10.0	1865.2	-	303165	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
8	0	2	81.1	14.0	1617.9	-	435534	5310
	1	2	76.2	14.0	1669.8	-	628557	5310
	2	1	50.1	14.0	-	-	25352	5310
	3	2	80.5	14.0	1717.5	-	218631	5310
	4	2	67.2	14.0	1207.8	-	412007	5310
	5	1	55.6	14.0	-	-	606409	5310
	6	1	54.9	14.0	-	-	1510	5310
	7	1	58.3	14.0	-	-	195170	5310
	8	1	63.5	14.0	-	-	388830	5310
	9	2	70.0	14.0	1833.0	-	581360	5310
	10	3	85.0	14.0	1156.0	967.0	773901	5310
	11	1	58.9	14.0	-	-	171299	5310
	12	1	59.7	14.0	-	-	364854	5310
	13	2	73.6	14.0	1446.4	-	557506	5310
	14	3	83.9	14.0	923.1	1874.1	749530	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
9	0	3	89.2	19.0	1729.8	1073.8	115777	5310
	1	3	99.1	19.0	1239.9	989.9	268309	5310
	2	2	71.6	19.0	1050.4	-	420929	5310
	3	2	79.2	19.0	1537.8	-	573266	5310
	4	2	79.1	19.0	1884.9	-	97292	5310
	5	2	68.2	19.0	1524.8	-	249905	5310
	6	2	74.7	19.0	967.3	-	402683	5310
	7	3	84.6	19.0	1373.4	1033.4	553511	5310
	8	3	90.4	19.0	1848.6	1885.6	78225	5310
	9	2	81.3	19.0	1001.7	-	231154	5310
	10	3	92.1	19.0	1698.9	1095.9	382504	5310
	11	1	55.8	19.0	-	-	537025	5310
	12	3	91.9	19.0	1578.1	1759.1	59544	5310
	13	3	97.8	19.0	1300.2	1467.2	211735	5310
	14	1	61.6	19.0	-	-	365688	5310
	15	3	88.7	19.0	1638.3	1593.3	515133	5310
	16	2	79.0	19.0	1837.0	-	40957	5310
	17	2	76.9	19.0	1537.1	-	193367	5310
	18	1	54.8	19.0	-	-	346489	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
10	0	3	94.8	6.0	1057.2	1809.2	1053153	5310
	1	1	64.1	6.0	-	-	47015	5310
	2	3	91.7	6.0	921.3	1241.3	369454	5310
	3	1	63.0	6.0	-	-	692836	5310
	4	3	94.6	6.0	1590.4	1830.4	1013532	5310
	5	1	53.6	6.0	-	-	7228	5310
	6	1	53.8	6.0	-	-	330287	5310
	7	1	59.8	6.0	-	-	653028	5310
	8	1	60.9	6.0	-	-	976107	5310

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
11	0	2	80.6	13.0	1546.4	-	832793	5295
	1	2	71.0	13.0	1540.0	-	186360	5295
	2	2	71.3	13.0	1741.7	-	393502	5295
	3	3	85.0	13.0	1280.0	1894.0	599095	5295
	4	2	81.8	13.0	1436.2	-	807945	5295
	5	2	74.8	13.0	1563.2	-	160790	5295
	6	3	84.5	13.0	1240.5	1510.5	367297	5295
	7	3	86.1	13.0	1177.9	1672.9	574101	5295
	8	3	99.9	13.0	1872.1	1742.1	779853	5295
	9	1	66.5	13.0	-	-	135506	5295
	10	2	80.8	13.0	1620.2	-	342255	5295
	11	1	61.5	13.0	-	-	550463	5295
	12	1	56.4	13.0	-	-	758021	5295
	13	3	91.7	13.0	1405.3	1885.3	109445	5295

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
12	0	1	59.8	11.0	-	-	370275	5294
	1	3	99.3	11.0	1307.7	1075.7	611321	5294
	2	2	75.1	11.0	956.9	-	854057	5294
	3	3	99.8	11.0	1050.2	1247.2	98194	5294
	4	1	63.0	11.0	-	-	340567	5294
	5	1	60.6	11.0	-	-	583031	5294
	6	1	51.9	11.0	-	-	825243	5294
	7	2	81.3	11.0	1817.7	-	68449	5294
	8	1	56.0	11.0	-	-	310821	5294
	9	2	82.0	11.0	1152.0	-	552062	5294
	10	1	54.8	11.0	-	-	794871	5294
	11	2	78.8	11.0	1098.2	-	38735	5294

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
13	0	2	69.8	14.0	1259.2	-	224325	5296
	1	3	97.6	14.0	1703.4	1538.4	416405	5296
	2	3	86.0	14.0	1257.0	1456.0	609444	5296
	3	2	77.1	14.0	1491.9	-	7143	5296
	4	2	75.5	14.0	1495.5	-	200382	5296
	5	2	75.3	14.0	1700.7	-	393518	5296
	6	1	58.4	14.0	-	-	587998	5296
	7	1	63.7	14.0	-	-	781472	5296
	8	1	53.9	14.0	-	-	176956	5296
	9	2	69.3	14.0	1245.7	-	369947	5296
	10	1	59.9	14.0	-	-	564629	5296
	11	1	57.0	14.0	-	-	758285	5296
	12	2	74.1	14.0	1747.9	-	152856	5296
	13	2	67.0	14.0	1169.0	-	346261	5296
	14	1	63.2	14.0	-	-	540136	5296

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
14	0	2	75.5	20.0	1689.5	-	548838	5298
	1	3	88.8	20.0	1778.2	1726.2	96217	5298
	2	1	62.4	20.0	-	-	241926	5298
	3	3	96.2	20.0	996.8	1836.8	384980	5298
	4	3	93.3	20.0	1869.7	1089.7	529272	5298
	5	3	88.4	20.0	1287.6	1630.6	78633	5298
	6	2	72.4	20.0	1457.6	-	223507	5298
	7	2	81.9	20.0	1804.1	-	368195	5298
	8	1	63.8	20.0	-	-	514114	5298
	9	2	69.4	20.0	1640.6	-	60987	5298
	10	1	53.8	20.0	-	-	206144	5298
	11	3	90.9	20.0	1486.1	1171.1	350035	5298
	12	3	99.3	20.0	1275.7	1111.7	494505	5298
	13	1	58.9	20.0	-	-	43260	5298
	14	3	99.3	20.0	1748.7	1226.7	187499	5298
	15	1	65.0	20.0	-	-	333346	5298
	16	3	89.4	20.0	1311.6	1169.6	476270	5298
	17	2	80.2	20.0	1169.8	-	25329	5298
	18	1	53.0	20.0	-	-	170376	5298
	19	1	55.0	20.0	-	-	315418	5298

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
15	0	3	87.0	9.0	1040.0	1014.0	837345	5294
	1	1	50.0	9.0	-	-	13617	5294
	2	2	72.8	9.0	1308.2	-	277564	5294
	3	3	91.1	9.0	962.9	1219.9	540988	5294
	4	1	55.5	9.0	-	-	806002	5294
	5	1	53.1	9.0	-	-	1070425	5294
	6	3	92.7	9.0	1768.3	1670.3	244486	5294
	7	3	87.7	9.0	1366.3	1050.3	508266	5294
	8	3	90.5	9.0	1692.5	1081.5	771963	5294
	9	3	89.3	9.0	920.7	1086.7	1035899	5294
	10	2	68.0	9.0	1029.0	-	212448	5294

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
16	0	2	75.7	5.0	1030.3	-	655681	5292
	1	3	96.0	5.0	1784.0	1478.0	1016974	5292
	2	3	97.4	5.0	1391.6	1292.6	1380535	5292
	3	2	76.4	5.0	1825.6	-	247548	5292
	4	3	92.5	5.0	1780.5	981.5	610048	5292
	5	3	93.7	5.0	1720.3	1700.3	972494	5292
	6	3	85.8	5.0	1136.2	1343.2	1336077	5292
	7	1	61.5	5.0	-	-	203063	5292

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
17	0	3	90.5	16.0	915.5	1200.5	282105	5296
	1	3	97.4	16.0	1502.6	969.6	462860	5296
	2	1	65.7	16.0	-	-	645890	5296
	3	2	72.2	16.0	1032.8	-	78973	5296
	4	1	57.7	16.0	-	-	260715	5296
	5	2	71.6	16.0	1052.4	-	441476	5296
	6	3	84.4	16.0	1870.6	1119.6	621401	5296
	7	1	59.1	16.0	-	-	56749	5296
	8	1	54.8	16.0	-	-	238415	5296
	9	1	54.7	16.0	-	-	419628	5296
	10	1	54.3	16.0	-	-	601247	5296
	11	2	70.5	16.0	1243.5	-	34284	5296
	12	2	76.9	16.0	1105.1	-	215516	5296
	13	2	71.1	16.0	1736.9	-	396306	5296
	14	1	61.9	16.0	-	-	578613	5296
	15	2	76.2	16.0	1230.8	-	11986	5296

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
18	0	2	75.4	15.0	1275.6	-	193096	5296
	1	1	66.0	15.0	-	-	375254	5296
	2	2	71.3	15.0	1176.7	-	555826	5296
	3	3	90.7	15.0	923.3	1515.3	735548	5296
	4	3	90.2	15.0	1633.8	962.8	170462	5296
	5	3	95.8	15.0	1507.2	1197.2	351281	5296
	6	3	84.8	15.0	1227.2	1408.2	532118	5296
	7	3	91.4	15.0	1892.6	1070.6	713036	5296
	8	2	74.5	15.0	1557.5	-	148483	5296
	9	1	51.3	15.0	-	-	330381	5296
	10	2	78.2	15.0	1024.8	-	510957	5296
	11	3	94.9	15.0	1207.1	1649.1	690916	5296
	12	1	51.8	15.0	-	-	126479	5296
	13	2	82.6	15.0	1097.4	-	307330	5296
	14	1	56.7	15.0	-	-	489610	5296
	15	2	71.4	15.0	1410.6	-	669789	5296

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
19	0	1	53.6	10.0	-	-	138928	5294
	1	2	68.6	10.0	1254.4	-	380568	5294
	2	1	62.5	10.0	-	-	623309	5294
	3	1	57.7	10.0	-	-	865600	5294
	4	2	71.3	10.0	1876.7	-	108776	5294
	5	2	77.8	10.0	1348.2	-	350643	5294
	6	1	65.0	10.0	-	-	593413	5294
	7	2	69.4	10.0	1871.6	-	834174	5294
	8	2	71.1	10.0	943.9	-	79131	5294
	9	3	94.0	10.0	961.0	1273.0	320690	5294
	10	3	87.9	10.0	955.1	1345.1	562182	5294
	11	2	83.0	10.0	1480.0	-	804410	5294

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
20	0	3	86.2	8.0	1485.8	1318.8	53738	5293
	1	2	68.8	8.0	1379.2	-	317698	5293
	2	3	91.2	8.0	1151.8	1877.8	580343	5293
	3	1	54.6	8.0	-	-	846854	5293
	4	3	84.0	8.0	1704.0	1694.0	21257	5293
	5	2	71.1	8.0	1903.9	-	285070	5293
	6	1	51.0	8.0	-	-	549577	5293
	7	2	76.4	8.0	1011.6	-	812817	5293
	8	2	72.3	8.0	1720.7	-	1076320	5293
	9	3	95.2	8.0	1266.8	1394.8	252355	5293
	10	2	71.4	8.0	1543.6	-	516303	5293

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
21	0	3	94.7	17.0	1777.3	1119.3	502720	5323
	1	1	62.6	17.0	-	-	676335	5323
	2	2	74.4	17.0	1700.6	-	142236	5323
	3	3	97.8	17.0	1155.2	1423.2	312325	5323
	4	1	56.3	17.0	-	-	484502	5323
	5	3	93.5	17.0	1737.5	1877.5	651743	5323
	6	3	89.5	17.0	1128.5	1798.5	120924	5323
	7	1	57.3	17.0	-	-	292494	5323
	8	2	72.3	17.0	1763.7	-	462235	5323
	9	3	98.0	17.0	970.0	1066.0	632181	5323
	10	2	83.0	17.0	1132.0	-	100329	5323
	11	2	66.9	17.0	1214.1	-	270636	5323
	12	1	58.2	17.0	-	-	442098	5323
	13	1	58.5	17.0	-	-	612944	5323
	14	1	54.2	17.0	-	-	79459	5323
	15	1	54.9	17.0	-	-	250141	5323
	16	3	97.6	17.0	1783.4	1366.4	419128	5323

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
22	0	1	51.0	13.0	-	-	718774	5325
	1	1	51.9	13.0	-	-	70938	5325
	2	2	69.5	13.0	952.5	-	278242	5325
	3	3	96.2	13.0	907.8	1256.8	484323	5325
	4	1	57.9	13.0	-	-	693845	5325
	5	1	51.7	13.0	-	-	45326	5325
	6	1	55.1	13.0	-	-	252981	5325
	7	1	55.7	13.0	-	-	460593	5325
	8	1	60.1	13.0	-	-	668033	5325
	9	2	73.6	13.0	1033.4	-	19739	5325
	10	1	60.8	13.0	-	-	227344	5325
	11	2	80.7	13.0	1885.3	-	433942	5325
	12	2	81.5	13.0	1736.5	-	640924	5325
	13	2	80.4	13.0	1726.6	-	848521	5325

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
23	0	3	99.2	10.0	1499.8	1221.8	234742	5326
	1	1	58.4	10.0	-	-	477759	5326
	2	3	97.3	10.0	1779.7	1528.7	717562	5326
	3	2	67.8	10.0	1565.2	-	960491	5326
	4	3	95.2	10.0	1553.8	1283.8	204876	5326
	5	3	97.0	10.0	1591.0	1661.0	446368	5326
	6	2	80.1	10.0	1816.9	-	688446	5326
	7	1	58.6	10.0	-	-	931665	5326
	8	2	76.0	10.0	1476.0	-	175547	5326
	9	2	81.6	10.0	1406.4	-	417122	5326
	10	3	86.7	10.0	1181.3	1059.3	658243	5326
	11	1	65.6	10.0	-	-	902309	5326

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
24	0	3	85.1	15.0	922.9	990.9	109107	5324
	1	1	53.2	15.0	-	-	290796	5324
	2	1	51.8	15.0	-	-	472227	5324
	3	2	83.0	15.0	1321.0	-	652427	5324
	4	3	96.1	15.0	1640.9	1438.9	86627	5324
	5	2	79.8	15.0	1261.2	-	268099	5324
	6	1	66.2	15.0	-	-	450000	5324
	7	1	53.4	15.0	-	-	631422	5324
	8	2	75.4	15.0	1608.6	-	64506	5324
	9	2	70.3	15.0	985.7	-	245975	5324
	10	2	75.6	15.0	1734.4	-	426846	5324
	11	2	75.2	15.0	1532.8	-	607849	5324
	12	3	86.8	15.0	1082.2	1736.2	42130	5324
	13	1	60.8	15.0	-	-	223809	5324
	14	2	69.2	15.0	958.8	-	404666	5324
	15	3	92.1	15.0	1405.9	1363.9	584407	5324

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
25	0	3	96.2	13.0	1277.8	1294.8	22730	5325
	1	2	69.8	13.0	975.2	-	230041	5325
	2	2	78.7	13.0	1287.3	-	437395	5325
	3	2	76.6	13.0	1038.4	-	644745	5325
	4	3	90.8	13.0	1269.2	1186.2	850674	5325
	5	2	67.6	13.0	1844.4	-	204408	5325
	6	3	83.8	13.0	1784.2	1391.2	410605	5325
	7	1	58.4	13.0	-	-	620056	5325
	8	1	60.9	13.0	-	-	827005	5325
	9	3	90.7	13.0	1718.3	1239.3	178566	5325
	10	1	59.1	13.0	-	-	386945	5325
	11	1	58.0	13.0	-	-	593993	5325
	12	2	67.5	13.0	1053.5	-	800665	5325
	13	3	92.4	13.0	1077.6	1508.6	153110	5325

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
26	0	2	75.9	12.0	1407.1	-	360507	5325
	1	3	87.9	12.0	1468.1	1350.1	566825	5325
	2	1	59.4	12.0	-	-	776124	5325
	3	3	92.4	12.0	1106.6	1354.6	127695	5325
	4	2	66.7	12.0	1780.3	-	334767	5325
	5	1	51.9	12.0	-	-	543022	5325
	6	1	53.8	12.0	-	-	750436	5325
	7	2	77.2	12.0	1260.8	-	102398	5325
	8	2	77.5	12.0	1239.5	-	309661	5325
	9	2	81.1	12.0	1862.9	-	516232	5325
	10	1	64.5	12.0	-	-	724721	5325
	11	2	78.1	12.0	1406.9	-	76854	5325
	12	1	54.9	12.0	-	-	284554	5325
	13	2	78.8	12.0	1086.2	-	491075	5325

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
27	0	2	82.9	9.0	1049.1	-	889344	5326
	1	2	72.0	9.0	1574.0	-	65346	5326
	2	2	81.1	9.0	1827.9	-	328999	5326
	3	3	84.3	9.0	1394.7	1613.7	591885	5326
	4	2	77.7	9.0	1655.3	-	856542	5326
	5	3	88.0	9.0	1546.0	1847.0	32778	5326
	6	1	62.4	9.0	-	-	297203	5326
	7	1	56.2	9.0	-	-	561524	5326
	8	1	52.9	9.0	-	-	825731	5326
	9	1	60.1	9.0	-	-	339	5326
	10	2	74.8	9.0	1508.2	-	264270	5326

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
28	0	2	67.5	7.0	1003.5	-	581377	5327
	1	2	69.4	7.0	1613.6	-	870931	5327
	2	3	93.5	7.0	1368.5	1513.5	1159915	5327
	3	2	72.0	7.0	952.0	-	255059	5327
	4	1	55.4	7.0	-	-	545749	5327
	5	2	70.6	7.0	1793.4	-	835584	5327
	6	1	58.1	7.0	-	-	1127142	5327
	7	3	85.9	7.0	1186.1	1331.1	218864	5327
	8	2	83.1	7.0	1394.9	-	509696	5327
	9	3	94.4	7.0	1340.6	1717.6	798912	5327

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
29	0	3	87.8	16.0	1709.2	1426.2	638332	5324
	1	1	65.8	16.0	-	-	107913	5324
	2	3	94.5	16.0	1315.5	1450.5	277515	5324
	3	3	94.2	16.0	1687.8	1534.8	447689	5324
	4	2	67.3	16.0	1135.7	-	619420	5324
	5	3	88.3	16.0	1649.7	1031.7	86476	5324
	6	2	69.0	16.0	1180.0	-	257319	5324
	7	3	92.3	16.0	1686.7	973.7	427014	5324
	8	3	97.6	16.0	1522.4	1734.4	596422	5324
	9	1	62.0	16.0	-	-	65831	5324
	10	1	62.6	16.0	-	-	236658	5324
	11	1	62.6	16.0	-	-	407575	5324
	12	1	55.0	16.0	-	-	578648	5324
	13	2	75.6	16.0	1258.4	-	44721	5324
	14	3	88.9	16.0	1382.1	1817.1	214725	5324
	15	1	59.5	16.0	-	-	386449	5324
	16	2	74.9	16.0	1086.1	-	556186	5324

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
30	0	2	80.3	5.0	1318.7	-	50472	5328
	1	2	79.5	5.0	1167.5	-	413598	5328
	2	2	79.9	5.0	1293.1	-	776723	5328
	3	2	69.7	5.0	1675.3	-	1139197	5328
	4	3	85.0	5.0	1714.0	1427.0	5755	5328
	5	3	99.4	5.0	1269.6	1180.6	368600	5328
	6	2	67.5	5.0	1398.5	-	731832	5328
	7	3	99.2	5.0	1649.8	1559.8	1093773	5328

Parameter Data sheet for Radar Type 5**5290 MHz (11ac-80)**

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
1	0	3	93.8	19.0	1724.2	924.2	74223	5290
	1	2	80.6	19.0	1918.4	-	226516	5290
	2	2	79.1	19.0	1003.9	-	379667	5290
	3	3	99.4	19.0	1259.6	1766.6	530614	5290
	4	1	50.0	19.0	-	-	55675	5290
	5	2	69.6	19.0	1693.4	-	207986	5290
	6	1	50.5	19.0	-	-	361131	5290
	7	3	97.1	19.0	1744.9	1767.9	511146	5290
	8	2	82.9	19.0	982.1	-	36792	5290
	9	2	80.2	19.0	1490.8	-	189324	5290
	10	2	79.1	19.0	1024.9	-	341645	5290
	11	1	54.6	19.0	-	-	495262	5290
	12	2	75.3	19.0	1431.7	-	18006	5290
	13	2	73.7	19.0	1895.3	-	170302	5290
	14	3	99.8	19.0	937.2	1078.2	322382	5290
	15	1	60.8	19.0	-	-	476546	5290
	16	1	53.6	19.0	-	-	629376	5290
	17	1	65.0	19.0	-	-	151927	5290
	18	2	81.9	19.0	1225.1	-	304263	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
2	0	3	95.3	14.0	1287.7	1510.7	577752	5290
	1	2	79.8	14.0	1723.2	-	771542	5290
	2	1	61.4	14.0	-	-	168892	5290
	3	2	79.5	14.0	1860.5	-	361585	5290
	4	1	54.3	14.0	-	-	556235	5290
	5	3	91.0	14.0	1803.0	1066.0	747377	5290
	6	3	90.8	14.0	1542.2	1223.2	144423	5290
	7	1	59.3	14.0	-	-	338492	5290
	8	3	91.7	14.0	1770.3	1177.3	530413	5290
	9	2	67.4	14.0	985.6	-	724915	5290
	10	1	64.3	14.0	-	-	121116	5290
	11	2	78.7	14.0	1497.3	-	314306	5290
	12	3	97.8	14.0	1771.2	1224.2	506286	5290
	13	3	97.7	14.0	1148.3	1443.3	699571	5290
	14	1	61.5	14.0	-	-	97278	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
3	0	3	87.2	14.0	1343.8	1647.8	289691	5290
	1	1	61.6	14.0	-	-	484293	5290
	2	1	63.9	14.0	-	-	678087	5290
	3	2	74.6	14.0	1877.4	-	73257	5290
	4	3	87.1	14.0	1589.9	1356.9	265900	5290
	5	2	70.2	14.0	1463.8	-	460026	5290
	6	1	65.5	14.0	-	-	654008	5290
	7	1	50.7	14.0	-	-	49521	5290
	8	1	56.9	14.0	-	-	243295	5290
	9	3	94.7	14.0	1471.3	1064.3	435232	5290
	10	2	73.2	14.0	1521.8	-	629388	5290
	11	3	95.5	14.0	951.5	1018.5	25642	5290
	12	3	93.7	14.0	1593.3	1014.3	218588	5290
	13	2	77.4	14.0	1219.6	-	412562	5290
	14	1	50.5	14.0	-	-	606827	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
4	0	3	93.6	20.0	1712.4	1419.4	1373	5290
	1	3	91.2	20.0	1368.8	1793.8	145696	5290
	2	3	99.3	20.0	1391.7	1448.7	290145	5290
	3	1	63.8	20.0	-	-	436920	5290
	4	3	88.0	20.0	1791.0	1207.0	579218	5290
	5	1	50.9	20.0	-	-	128689	5290
	6	2	82.4	20.0	989.6	-	273445	5290
	7	1	51.0	20.0	-	-	418838	5290
	8	2	74.8	20.0	1504.2	-	562929	5290
	9	1	58.4	20.0	-	-	110855	5290
	10	1	59.2	20.0	-	-	255720	5290
	11	1	60.3	20.0	-	-	400794	5290
	12	1	58.8	20.0	-	-	546431	5290
	13	2	79.7	20.0	1588.3	-	92584	5290
	14	2	68.5	20.0	1847.5	-	237245	5290
	15	1	51.5	20.0	-	-	383166	5290
	16	2	81.3	20.0	1648.7	-	526460	5290
	17	1	56.9	20.0	-	-	75015	5290
	18	1	63.8	20.0	-	-	220209	5290
	19	3	86.5	20.0	1322.5	1596.5	363416	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
5	0	3	88.1	5.0	1211.9	1893.9	1274979	5290
	1	3	96.9	5.0	1140.1	1641.1	142747	5290
	2	2	79.1	5.0	1684.9	-	506052	5290
	3	2	77.9	5.0	1033.1	-	869436	5290
	4	1	61.7	5.0	-	-	1233498	5290
	5	2	79.8	5.0	1555.2	-	98205	5290
	6	2	79.0	5.0	1644.0	-	461211	5290
	7	1	54.4	5.0	-	-	825105	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
6	0	3	84.9	11.0	1085.1	1564.1	728639	5290
	1	2	81.2	11.0	1169.8	-	32861	5290
	2	3	95.5	11.0	1221.5	1724.5	255550	5290
	3	3	97.2	11.0	1804.8	1104.8	478236	5290
	4	2	82.0	11.0	1071.0	-	702534	5290
	5	3	91.2	11.0	1014.8	1202.8	5369	5290
	6	2	73.8	11.0	1123.2	-	228526	5290
	7	2	73.2	11.0	1733.8	-	451602	5290
	8	2	79.4	11.0	1403.6	-	674754	5290
	9	3	83.9	11.0	1854.1	1672.1	896188	5290
	10	1	59.7	11.0	-	-	201364	5290
	11	1	60.6	11.0	-	-	424673	5290
	12	1	54.8	11.0	-	-	648080	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
7	0	1	60.6	5.0	-	-	1418110	5290
	1	3	89.2	5.0	1569.8	1801.8	281942	5290
	2	1	66.2	5.0	-	-	646255	5290
	3	2	77.9	5.0	1095.1	-	1008954	5290
	4	1	59.9	5.0	-	-	1372967	5290
	5	1	56.7	5.0	-	-	237934	5290
	6	2	71.1	5.0	1743.9	-	600786	5290
	7	3	88.5	5.0	1788.5	935.5	962925	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
8	0	3	93.1	20.0	1195.9	1015.9	527936	5290
	1	3	91.9	20.0	1398.1	960.1	76823	5290
	2	3	88.6	20.0	1480.4	1315.4	221129	5290
	3	2	79.9	20.0	984.1	-	367082	5290
	4	3	90.9	20.0	1862.1	1635.1	509472	5290
	5	1	62.4	20.0	-	-	59232	5290
	6	3	96.8	20.0	1352.2	1561.2	203357	5290
	7	1	62.0	20.0	-	-	349495	5290
	8	2	71.4	20.0	1103.6	-	493470	5290
	9	1	52.1	20.0	-	-	41406	5290
	10	1	58.2	20.0	-	-	186510	5290
	11	2	71.9	20.0	1448.1	-	330862	5290
	12	2	77.9	20.0	1087.1	-	475653	5290
	13	1	66.2	20.0	-	-	23480	5290
	14	3	93.6	20.0	1301.4	1130.4	167854	5290
	15	1	62.9	20.0	-	-	313795	5290
	16	1	62.1	20.0	-	-	458707	5290
	17	2	78.3	20.0	1028.7	-	5604	5290
	18	2	67.6	20.0	1482.4	-	150359	5290
	19	1	55.8	20.0	-	-	295909	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
9	0	3	95.3	15.0	1831.7	1840.7	549047	5290
	1	2	72.1	15.0	1391.9	-	731731	5290
	2	3	97.4	15.0	951.6	1846.6	165562	5290
	3	3	97.3	15.0	1371.7	1398.7	346574	5290
	4	1	53.2	15.0	-	-	529486	5290
	5	2	81.7	15.0	1476.3	-	709156	5290
	6	2	77.5	15.0	1077.5	-	143643	5290
	7	1	57.7	15.0	-	-	325170	5290
	8	1	62.9	15.0	-	-	506709	5290
	9	3	100.0	15.0	1502.0	1072.0	686208	5290
	10	1	51.8	15.0	-	-	121501	5290
	11	2	73.0	15.0	1258.0	-	302432	5290
	12	1	57.9	15.0	-	-	484676	5290
	13	1	66.0	15.0	-	-	665694	5290
	14	3	91.8	15.0	1369.2	1250.2	98776	5290
	15	3	89.3	15.0	1708.7	1432.7	279392	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
10	0	1	56.9	14.0	-	-	493009	5290
	1	2	67.3	14.0	1257.7	-	685539	5290
	2	3	91.2	14.0	1164.8	1347.8	81609	5290
	3	2	78.7	14.0	1368.3	-	275077	5290
	4	2	77.1	14.0	1509.9	-	468066	5290
	5	1	61.1	14.0	-	-	662824	5290
	6	1	57.9	14.0	-	-	58023	5290
	7	2	81.8	14.0	948.2	-	251250	5290
	8	1	51.4	14.0	-	-	445133	5290
	9	3	88.8	14.0	1114.2	1004.2	637352	5290
	10	2	77.0	14.0	1020.0	-	34125	5290
	11	3	94.4	14.0	1695.6	1793.6	226905	5290
	12	3	95.6	14.0	1286.4	1526.4	419706	5290
	13	1	53.2	14.0	-	-	615367	5290
	14	1	65.7	14.0	-	-	10316	5290

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
11	0	2	81.6	14.0	1622.4	-	203439	5256
	1	3	89.1	14.0	1262.9	1280.9	396186	5256
	2	1	65.3	14.0	-	-	591544	5256
	3	3	93.2	14.0	1005.8	1568.8	782245	5256
	4	2	71.0	14.0	1875.0	-	179728	5256
	5	3	94.6	14.0	1038.4	1223.4	372540	5256
	6	3	91.4	14.0	1354.6	1571.6	564889	5256
	7	2	76.6	14.0	1638.4	-	759339	5256
	8	1	59.1	14.0	-	-	156345	5256
	9	3	85.0	14.0	1055.0	1688.0	348559	5256
	10	3	89.1	14.0	1531.9	961.9	541952	5256
	11	3	99.2	14.0	1032.8	1257.8	735015	5256
	12	2	71.4	14.0	1679.6	-	132167	5256
	13	1	50.3	14.0	-	-	325937	5256
	14	3	85.2	14.0	1407.8	1846.8	517449	5256

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
12	0	1	63.9	6.0	-	-	1189835	5252
	1	1	61.8	6.0	-	-	181073	5252
	2	2	74.5	6.0	954.5	-	503534	5252
	3	1	54.3	6.0	-	-	827240	5252
	4	1	55.9	6.0	-	-	1149742	5252
	5	3	94.9	6.0	1544.1	1751.1	140897	5252
	6	3	87.2	6.0	1629.8	1687.8	463099	5252
	7	3	88.9	6.0	1793.1	1620.1	785177	5252
	8	2	78.7	6.0	1337.3	-	1109223	5252

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
13	0	3	84.1	13.0	1824.9	1485.9	64954	5255
	1	1	64.2	13.0	-	-	272881	5255
	2	1	65.6	13.0	-	-	480111	5255
	3	3	95.8	13.0	1611.2	1460.2	685112	5255
	4	1	64.5	13.0	-	-	39624	5255
	5	1	54.7	13.0	-	-	247134	5255
	6	2	83.1	13.0	1716.9	-	453685	5255
	7	1	62.1	13.0	-	-	662079	5255
	8	1	59.6	13.0	-	-	14071	5255
	9	3	84.2	13.0	1720.8	1247.8	220749	5255
	10	2	70.3	13.0	1677.7	-	428350	5255
	11	3	84.0	13.0	1559.0	1246.0	634543	5255
	12	3	92.7	13.0	1357.3	1557.3	840745	5255
	13	2	72.8	13.0	1268.2	-	195790	5255

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
14	0	2	70.8	12.0	1354.2	-	402932	5255
	1	3	94.8	12.0	1168.2	1001.2	609143	5255
	2	1	65.6	12.0	-	-	818511	5255
	3	3	90.7	12.0	919.3	1045.3	170110	5255
	4	2	82.0	12.0	1574.0	-	377079	5255
	5	3	93.8	12.0	1266.2	1901.2	583261	5255
	6	3	88.1	12.0	1879.9	1527.9	789434	5255
	7	1	61.9	12.0	-	-	144973	5255
	8	3	86.6	12.0	1890.4	1656.4	350847	5255
	9	2	81.5	12.0	1612.5	-	558544	5255
	10	1	66.2	12.0	-	-	767796	5255
	11	2	74.8	12.0	1085.2	-	119226	5255
	12	1	65.1	12.0	-	-	326901	5255
	13	2	69.9	12.0	1615.1	-	533605	5255

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
15	0	3	91.3	20.0	1533.7	1274.7	516685	5258
	1	3	97.4	20.0	1850.6	1522.6	65233	5258
	2	2	70.9	20.0	1844.1	-	210070	5258
	3	3	94.4	20.0	1826.6	1192.6	354294	5258
	4	1	50.1	20.0	-	-	501327	5258
	5	3	86.6	20.0	1000.4	1171.4	47538	5258
	6	1	59.0	20.0	-	-	192893	5258
	7	1	56.7	20.0	-	-	338250	5258
	8	2	78.9	20.0	938.1	-	482102	5258
	9	3	95.6	20.0	1098.4	1623.4	29712	5258
	10	1	62.1	20.0	-	-	175037	5258
	11	1	54.4	20.0	-	-	320291	5258
	12	1	51.8	20.0	-	-	465493	5258
	13	2	76.9	20.0	1330.1	-	11941	5258
	14	3	89.6	20.0	1705.4	1396.4	156206	5258
	15	3	87.2	20.0	1602.8	1641.8	300731	5258
	16	2	80.0	20.0	1878.0	-	445817	5258
	17	1	51.2	20.0	-	-	592435	5258
	18	2	71.2	20.0	1073.8	-	139045	5258
	19	3	89.0	20.0	1115.0	1287.0	283370	5258

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
16	0	1	53.6	8.0	-	-	860371	5253
	1	1	59.5	8.0	-	-	1150964	5253
	2	3	90.4	8.0	1706.6	1213.6	242459	5253
	3	1	54.2	8.0	-	-	533808	5253
	4	1	55.2	8.0	-	-	824489	5253
	5	3	95.2	8.0	1596.8	1142.8	1112485	5253
	6	3	90.7	8.0	1513.3	1615.3	206593	5253
	7	2	72.2	8.0	1153.8	-	497573	5253
	8	2	77.6	8.0	1002.4	-	787963	5253
	9	3	84.1	8.0	1775.9	1533.9	1076202	5253

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
17	0	2	79.6	6.0	1129.4	-	214081	5252
	1	3	89.7	6.0	1882.3	989.3	576745	5252
	2	3	89.6	6.0	1765.4	1820.4	938964	5252
	3	1	63.1	6.0	-	-	1305019	5252
	4	2	70.9	6.0	1443.1	-	169354	5252
	5	1	62.2	6.0	-	-	533089	5252
	6	1	63.3	6.0	-	-	896125	5252
	7	2	75.9	6.0	1605.1	-	1258845	5252

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
18	0	3	83.8	9.0	1670.2	1026.2	90506	5254
	1	1	56.1	9.0	-	-	354856	5254
	2	1	63.8	9.0	-	-	619088	5254
	3	1	64.0	9.0	-	-	883760	5254
	4	1	65.8	9.0	-	-	58189	5254
	5	2	70.0	9.0	1726.0	-	321856	5254
	6	2	78.6	9.0	1283.4	-	585830	5254
	7	2	77.5	9.0	1667.5	-	849770	5254
	8	3	91.9	9.0	1340.1	1123.1	25574	5254
	9	1	61.1	9.0	-	-	289714	5254
	10	2	72.4	9.0	996.6	-	553318	5254

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
19	0	3	99.4	15.0	1341.6	1665.6	559551	5256
	1	1	51.4	15.0	-	-	744047	5256
	2	1	64.9	15.0	-	-	176884	5256
	3	1	53.5	15.0	-	-	358214	5256
	4	2	76.1	15.0	1211.9	-	539149	5256
	5	1	66.3	15.0	-	-	721737	5256
	6	2	81.7	15.0	1688.3	-	154136	5256
	7	1	56.9	15.0	-	-	336056	5256
	8	2	66.7	15.0	1403.3	-	516323	5256
	9	3	89.2	15.0	1766.8	1220.8	695816	5256
	10	1	55.0	15.0	-	-	132108	5256
	11	3	96.0	15.0	975.0	1290.0	312771	5256
	12	3	86.9	15.0	1761.1	1348.1	492711	5256
	13	2	79.2	15.0	1492.8	-	674921	5256
	14	3	94.9	15.0	1007.1	1726.1	109335	5256
	15	1	66.0	15.0	-	-	291415	5256

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
20	0	2	72.4	19.0	1148.6	-	397440	5258
	1	1	64.9	19.0	-	-	550593	5258
	2	3	88.8	19.0	1822.2	1694.2	73102	5258
	3	1	56.0	19.0	-	-	226409	5258
	4	2	77.3	19.0	961.7	-	378642	5258
	5	2	73.9	19.0	1084.1	-	531357	5258
	6	1	54.1	19.0	-	-	54714	5258
	7	2	67.5	19.0	1540.5	-	206942	5258
	8	1	65.1	19.0	-	-	360085	5258
	9	2	75.2	19.0	983.8	-	512160	5258
	10	3	89.7	19.0	1857.3	1564.3	35681	5258
	11	3	93.7	19.0	1633.3	1297.3	187822	5258
	12	2	70.3	19.0	1872.7	-	340360	5258
	13	2	75.6	19.0	1258.4	-	493616	5258
	14	2	77.7	19.0	1047.3	-	17017	5258
	15	1	53.2	19.0	-	-	169990	5258
	16	2	79.5	19.0	1481.5	-	321777	5258
	17	3	99.8	19.0	1774.2	1473.2	472879	5258
	18	2	78.3	19.0	1820.7	-	626069	5258

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
21	0	2	82.7	14.0	1219.3	-	191182	5324
	1	1	64.6	14.0	-	-	384949	5324
	2	3	86.2	14.0	1697.8	1654.8	575825	5324
	3	1	63.4	14.0	-	-	772364	5324
	4	3	96.9	14.0	908.1	1809.1	167009	5324
	5	3	89.2	14.0	914.8	1230.8	360372	5324
	6	1	55.3	14.0	-	-	554941	5324
	7	3	96.7	14.0	1229.3	1171.3	745882	5324
	8	3	86.8	14.0	1251.2	1847.2	143061	5324
	9	2	78.7	14.0	1703.3	-	336735	5324
	10	1	60.1	14.0	-	-	530916	5324
	11	2	76.9	14.0	1553.1	-	722976	5324
	12	3	84.9	14.0	1745.1	1009.1	119418	5324
	13	2	71.0	14.0	1160.0	-	313000	5324
	14	1	54.0	14.0	-	-	507471	5324

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
22	0	1	56.1	8.0	-	-	1051585	5327
	1	1	62.6	8.0	-	-	144137	5327
	2	1	53.1	8.0	-	-	434919	5327
	3	1	55.1	8.0	-	-	725370	5327
	4	3	95.1	8.0	915.9	1740.9	1013331	5327
	5	2	75.5	8.0	1403.5	-	108115	5327
	6	3	97.4	8.0	1438.6	1329.6	397912	5327
	7	3	97.5	8.0	1695.5	997.5	687682	5327
	8	3	88.4	8.0	1073.6	1177.6	978073	5327
	9	1	50.9	8.0	-	-	72508	5327

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
23	0	2	76.6	14.0	1748.4	-	241476	5324
	1	3	88.1	14.0	996.9	1730.9	434106	5324
	2	3	86.6	14.0	1814.4	1267.4	626517	5324
	3	3	91.1	14.0	1153.9	1648.9	24358	5324
	4	1	61.4	14.0	-	-	218093	5324
	5	1	51.7	14.0	-	-	411969	5324
	6	1	66.5	14.0	-	-	605483	5324
	7	3	87.2	14.0	1203.8	1182.8	578	5324
	8	1	50.8	14.0	-	-	194145	5324
	9	1	62.1	14.0	-	-	387711	5324
	10	1	51.4	14.0	-	-	581903	5324
	11	3	86.2	14.0	921.8	1076.8	773130	5324
	12	1	51.4	14.0	-	-	170383	5324
	13	3	91.9	14.0	1775.1	1779.1	362430	5324
	14	2	66.9	14.0	1527.1	-	556400	5324

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
24	0	2	72.0	6.0	1124.0	-	1251916	5328
	1	2	77.3	6.0	1774.7	-	244107	5328
	2	2	67.3	6.0	1079.7	-	566985	5328
	3	3	88.8	6.0	1166.2	1321.2	888682	5328
	4	1	54.9	6.0	-	-	1213792	5328
	5	3	98.4	6.0	904.6	1428.6	204179	5328
	6	1	54.8	6.0	-	-	527493	5328
	7	2	72.7	6.0	1606.3	-	849503	5328
	8	1	66.3	6.0	-	-	1174010	5328

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
25	0	2	69.5	18.0	1858.5	-	82027	5323
	1	1	65.1	18.0	-	-	243560	5323
	2	1	50.1	18.0	-	-	404880	5323
	3	2	74.4	18.0	1580.6	-	564791	5323
	4	1	54.6	18.0	-	-	62440	5323
	5	1	52.8	18.0	-	-	223625	5323
	6	3	85.4	18.0	1447.6	1869.6	383252	5323
	7	2	67.1	18.0	1516.9	-	545316	5323
	8	3	97.8	18.0	1361.2	1294.2	42410	5323
	9	1	62.5	18.0	-	-	203836	5323
	10	2	70.3	18.0	1847.7	-	363903	5323
	11	1	51.1	18.0	-	-	526795	5323
	12	2	68.7	18.0	1079.3	-	22676	5323
	13	1	55.5	18.0	-	-	183899	5323
	14	2	75.4	18.0	1292.6	-	344844	5323
	15	2	77.0	18.0	1561.0	-	505059	5323
	16	3	93.7	18.0	1196.3	1553.3	2823	5323
	17	3	89.8	18.0	1311.2	1574.2	163452	5323

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
26	0	3	84.0	18.0	1865.0	1390.0	324037	5323
	1	1	58.8	18.0	-	-	486717	5323
	2	1	52.5	18.0	-	-	648108	5323
	3	2	69.9	18.0	1462.1	-	143951	5323
	4	1	61.1	18.0	-	-	305841	5323
	5	1	61.3	18.0	-	-	466916	5323
	6	3	88.2	18.0	917.8	1489.8	626137	5323
	7	2	73.1	18.0	1402.9	-	124232	5323
	8	3	98.3	18.0	1675.7	1609.7	284246	5323
	9	2	80.0	18.0	1020.0	-	446151	5323
	10	1	58.6	18.0	-	-	608714	5323
	11	3	83.4	18.0	1583.6	1479.6	104045	5323
	12	1	52.6	18.0	-	-	265895	5323
	13	2	71.8	18.0	1417.2	-	426024	5323
	14	1	65.3	18.0	-	-	588887	5323
	15	2	70.3	18.0	1528.7	-	84442	5323
	16	2	71.6	18.0	1569.4	-	245371	5323
	17	3	96.3	18.0	1243.7	1306.7	405435	5323

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
27	0	1	51.6	7.0	-	-	1024840	5327
	1	3	92.1	7.0	1653.9	1391.9	116412	5327
	2	2	82.5	7.0	1296.5	-	407017	5327
	3	3	98.1	7.0	1395.9	1672.9	696296	5327
	4	2	76.8	7.0	1390.2	-	987160	5327
	5	3	84.3	7.0	1808.7	1673.7	80694	5327
	6	3	88.5	7.0	1234.5	1291.5	370903	5327
	7	3	89.0	7.0	1376.0	1460.0	660410	5327
	8	2	71.6	7.0	998.4	-	952221	5327
	9	1	65.8	7.0	-	-	45140	5327

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
28	0	1	53.3	18.0	-	-	186484	5323
	1	2	71.7	18.0	984.3	-	347007	5323
	2	3	92.0	18.0	1552.0	1188.0	506887	5323
	3	1	61.8	18.0	-	-	5192	5323
	4	1	61.3	18.0	-	-	166391	5323
	5	1	58.6	18.0	-	-	328017	5323
	6	2	70.8	18.0	1079.2	-	488434	5323
	7	1	63.8	18.0	-	-	650484	5323
	8	1	63.8	18.0	-	-	146638	5323
	9	3	99.6	18.0	1820.4	1891.4	306130	5323
	10	1	53.9	18.0	-	-	469360	5323
	11	3	88.8	18.0	1639.2	1784.2	627315	5323
	12	3	86.2	18.0	975.8	1174.8	126292	5323
	13	2	81.6	18.0	1696.4	-	287124	5323
	14	1	54.6	18.0	-	-	449161	5323
	15	1	55.4	18.0	-	-	610293	5323
	16	1	58.5	18.0	-	-	106939	5323
	17	1	64.3	18.0	-	-	268078	5323

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
29	0	1	59.9	10.0	-	-	644923	5326
	1	3	98.5	10.0	1562.5	1014.5	884761	5326
	2	3	85.8	10.0	1081.2	1822.2	130211	5326
	3	3	98.4	10.0	1099.6	1541.6	371916	5326
	4	3	84.0	10.0	1124.0	1640.0	612938	5326
	5	2	79.1	10.0	1310.9	-	856272	5326
	6	2	75.3	10.0	1736.7	-	100641	5326
	7	1	51.5	10.0	-	-	342938	5326
	8	1	57.3	10.0	-	-	585377	5326
	9	3	86.0	10.0	1639.0	1413.0	824377	5326
	10	2	82.1	10.0	1803.9	-	70810	5326
	11	2	68.2	10.0	1142.8	-	312753	5326

Trial #	Burst Number	Number of Pulses	Pulse Width [us]	Chirp Width [MHz]	Pulse 1-to-2 Spacing [us]	Pulse 2-to-3 Spacing [us]	Starting Location Within Interval [us]	Center Frequency [MHz]
30	0	2	81.5	9.0	1478.5	-	604804	5326
	1	2	72.2	9.0	1921.8	-	868495	5326
	2	3	89.8	9.0	1464.2	1720.2	44753	5326
	3	2	72.4	9.0	1597.6	-	308535	5326
	4	2	69.7	9.0	1178.3	-	572766	5326
	5	2	76.5	9.0	1079.5	-	836462	5326
	6	3	88.0	9.0	1195.0	1259.0	12317	5326
	7	3	96.8	9.0	1093.2	1272.2	275794	5326
	8	2	72.1	9.0	1860.9	-	540050	5326
	9	3	94.1	9.0	960.9	1280.9	803271	5326
	10	1	50.9	9.0	-	-	1069007	5326

Parameter Data sheet for Radar Type 6**5300 MHz (11a)**

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
1	26	75	5293
	37	108	5303
	38	111	5304
	99	294	5301

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
2	6	15	5295
	47	138	5291
	52	153	5309

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
3	55	162	5305
	66	195	5291
	75	222	5302
	81	240	5297

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
4	4	9	5291
	15	42	5303
	54	159	5299
	61	180	5309
	79	234	5297

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
5	10	27	5303
	14	39	5291

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
6	5	12	5309
	41	120	5291
	58	171	5307
	66	195	5302
	74	219	5299

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
7	11	30	5304
	27	78	5303
	49	144	5302
	85	252	5301
	87	258	5292

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
8	13	36	5304
	17	48	5303
	22	63	5292
	93	276	5298

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
9	6	15	5308
	17	48	5309

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
10	29	84	5308
	39	114	5309
	49	144	5304

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
11	11	30	5309
	31	90	5301
	50	147	5302
	56	165	5299
	66	195	5295
	91	270	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
12	41	120	5295
	44	129	5293
	73	216	5302
	74	219	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
13	21	60	5299
	75	222	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
14	8	21	5299
	17	48	5305
	21	60	5307
	24	69	5308
	36	105	5297
	57	168	5300
	58	171	5292
	62	183	5301
	70	207	5306
	93	276	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
15	28	81	5301
	52	153	5306
	73	216	5302
	78	231	5307

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
16	13	36	5303
	25	72	5309
	41	120	5292
	91	270	5299

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
17	81	240	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
18	16	45	5308
	38	111	5296
	42	123	5303
	69	204	5295
	80	237	5306

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
19	53	156	5309

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
20	18	51	5298
	34	99	5292
	98	291	5293

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
21	10	27	5300
	50	147	5295
	83	246	5292

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
22	33	96	5303
	62	183	5307

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
23	26	75	5306
	47	138	5296
	58	171	5309
	80	237	5304

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
24	7	18	5307
	19	54	5304
	23	66	5308
	41	120	5309
	49	144	5300
	79	234	5296
	83	246	5302

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
25	13	36	5294
	55	162	5295
	82	243	5300
	93	276	5308

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
26	2	3	5292
	19	54	5297
	99	294	5296

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
27	34	99	5299
	38	111	5305
	55	162	5303
	76	225	5291

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
28	2	3	5295
	34	99	5300
	97	288	5306

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
29	27	78	5295
	29	84	5297
	45	132	5309
	92	273	5305

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
30	44	129	5293
	55	162	5294
	65	192	5306
	70	207	5296
	80	237	5308

Parameter Data sheet for Radar Type 6

5310 MHz (11ac-40)

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
1	24	69	5291
	31	90	5299
	34	99	5329
	54	159	5321
	55	162	5311
	62	183	5312
	83	246	5297
	86	255	5302

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
2	3	6	5323
	19	54	5326
	26	75	5293
	37	108	5303
	38	111	5304
	47	138	5311
	70	207	5316
	99	294	5301

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
3	6	15	5295
	47	138	5291
	52	153	5309
	82	243	5320
	96	285	5313

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
4	16	45	5326
	19	54	5319
	22	63	5324
	26	75	5323
	55	162	5305
	66	195	5291
	75	222	5302
	81	240	5297

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
5	4	9	5291
	15	42	5303
	20	57	5321
	54	159	5299
	61	180	5309
	71	210	5324
	79	234	5297
	80	237	5318

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
6	10	27	5303
	14	39	5291
	15	42	5324
	45	132	5315

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
7	5	12	5309
	19	54	5327
	41	120	5291
	58	171	5307
	66	195	5302
	74	219	5299
	79	234	5326

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
8	11	30	5304
	13	36	5312
	27	78	5303
	49	144	5302
	85	252	5301
	87	258	5292

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
9	8	21	5324
	13	36	5304
	17	48	5303
	22	63	5292
	49	144	5321
	62	183	5325
	65	192	5312
	93	276	5298

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
10	6	15	5308
	17	48	5309
	45	132	5320
	59	174	5322
	63	186	5321
	65	192	5327
	73	216	5324
	78	231	5319

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
11	24	69	5318
	26	75	5322
	29	84	5308
	39	114	5309
	49	144	5304

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
12	11	30	5309
	24	69	5310
	31	90	5301
	50	147	5302
	56	165	5299
	60	177	5325
	66	195	5295
	72	213	5322
	91	270	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
13	33	96	5312
	41	120	5295
	44	129	5293
	73	216	5302
	74	219	5303
	79	234	5316

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
14	21	60	5299
	61	180	5329
	70	207	5324
	75	222	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
15	8	21	5299
	17	48	5305
	21	60	5307
	24	69	5308
	36	105	5297
	54	159	5321
	57	168	5300
	58	171	5292
	59	174	5319
	62	183	5301
	70	207	5306
	88	261	5310
	93	276	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
16	21	60	5315
	28	81	5301
	48	141	5312
	52	153	5306
	73	216	5302
	78	231	5307

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
17	3	6	5313
	6	15	5321
	13	36	5303
	25	72	5309
	27	78	5310
	41	120	5292
	42	123	5327
	91	270	5299

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
18	16	45	5317
	40	117	5326
	52	153	5322
	53	156	5313
	72	213	5323
	81	240	5303

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
19	16	45	5308
	38	111	5296
	42	123	5303
	50	147	5319
	51	150	5312
	69	204	5295
	80	237	5306

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
20	53	156	5309
	66	195	5323
	71	210	5324
	84	249	5326

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
21	18	51	5298
	34	99	5292
	73	216	5320
	97	288	5316
	98	291	5293

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
22	10	27	5300
	28	81	5318
	50	147	5295
	58	171	5310
	64	189	5324
	78	231	5317
	83	246	5292
	88	261	5313

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
23	22	63	5327
	24	69	5329
	33	96	5303
	59	174	5321
	62	183	5307
	76	225	5312

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
24	16	45	5312
	22	63	5327
	26	75	5306
	35	102	5319
	36	105	5323
	42	123	5326
	47	138	5296
	57	168	5320
	58	171	5309
	70	207	5316
	80	237	5304
	93	276	5310
	96	285	5325

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
25	7	18	5307
	19	54	5304
	23	66	5308
	41	120	5309
	47	138	5328
	49	144	5300
	50	147	5324
	79	234	5296
	80	237	5317
	82	243	5326
	83	246	5302

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
26	7	18	5329
	13	36	5294
	45	132	5312
	55	162	5295
	75	222	5317
	82	243	5300
	90	267	5328
	93	276	5308

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
27	2	3	5292
	19	54	5297
	22	63	5322
	42	123	5317
	68	201	5311
	99	294	5296

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
28	8	21	5324
	15	42	5311
	34	99	5299
	35	102	5319
	38	111	5305
	55	162	5303
	71	210	5323
	76	225	5291
	86	255	5312
	88	261	5321
	99	294	5327

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
29	2	3	5295
	34	99	5300
	39	114	5311
	70	207	5324
	91	270	5313
	97	288	5306

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
30	27	78	5295
	29	84	5297
	39	114	5322
	45	132	5309
	46	135	5313
	69	204	5328
	72	213	5310
	76	225	5329
	92	273	5305

Parameter Data sheet for Radar Type 6

5290MHz (11ac-80)

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
1	2	3	5254
	4	9	5271
	15	42	5283
	20	57	5329
	23	66	5256
	36	105	5280
	60	177	5318
	65	192	5303
	66	195	5304
	69	204	5275
	83	246	5314
	84	249	5255
	92	273	5306
	97	288	5253

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
2	1	0	5275
	15	42	5304
	22	63	5294
	38	111	5314
	39	114	5319
	44	129	5273
	45	132	5317
	50	147	5280
	51	150	5255
	61	180	5278
	65	192	5286
	66	195	5321
	77	228	5329
	83	246	5289
	85	252	5315
	98	291	5259

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
3	2	3	5257
	5	12	5250
	9	24	5325
	14	39	5310
	26	75	5320
	27	78	5294
	29	84	5290
	32	93	5288
	38	111	5330
	39	114	5301
	44	129	5297
	50	147	5326
	52	153	5272
	53	156	5324
	54	159	5295
	64	189	5270
	65	192	5278
	67	198	5296
	68	201	5255
	72	213	5306
	99	294	5283

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
4	1	0	5310
	11	30	5283
	13	36	5303
	35	102	5269
	38	111	5256
	44	129	5258
	45	132	5268
	46	135	5321
	49	144	5293
	60	177	5251
	64	189	5265
	69	204	5314
	82	243	5286
	84	249	5295
	90	267	5285
	97	288	5330

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
5	2	3	5260
	5	12	5312
	18	51	5275
	25	72	5315
	31	90	5254
	36	105	5264
	45	132	5318
	50	147	5262
	52	153	5286
	53	156	5308
	68	201	5265
	69	204	5253
	73	216	5282
	75	222	5268
	90	267	5301
	92	273	5322
	100	297	5270

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
6	3	6	5282
	6	15	5262
	14	39	5323
	16	45	5270
	37	108	5306
	42	123	5293
	43	126	5268
	45	132	5273
	46	135	5315
	57	168	5287
	60	177	5322
	63	186	5284
	64	189	5274
	68	201	5289
	70	207	5253
	80	237	5280
	81	240	5328
	86	255	5264
	94	279	5276
	98	291	5278

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
7	2	3	5263
	6	15	5304
	8	21	5309
	16	45	5261
	21	60	5262
	26	75	5305
	37	108	5301
	38	111	5323
	44	129	5312
	49	144	5271
	61	180	5324
	69	204	5325
	72	213	5320
	79	234	5268
	84	249	5296
	89	264	5289
	96	285	5293
	99	294	5257
	100	297	5299

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
8	1	0	5283
	7	18	5279
	11	30	5288
	24	69	5273
	26	75	5254
	43	126	5309
	47	138	5265
	48	141	5324
	50	147	5292
	59	174	5295
	60	177	5266
	66	195	5261
	68	201	5264
	69	204	5262
	85	252	5304
	87	258	5287
	97	288	5310

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
9	2	3	5266
	7	18	5301
	16	45	5286
	23	66	5265
	30	87	5261
	34	99	5273
	42	123	5326
	47	138	5323
	56	165	5298
	57	168	5310
	60	177	5313
	63	186	5300
	65	192	5307
	67	198	5289
	71	210	5330
	82	243	5304
	97	288	5314
	99	294	5296
	100	297	5253

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
10	1	0	5318
	9	24	5322
	20	57	5254
	31	90	5303
	33	96	5288
	37	108	5290
	39	114	5261
	43	126	5319
	44	129	5264
	49	144	5316
	50	147	5284
	52	153	5312
	69	204	5285
	72	213	5304
	79	234	5306
	85	252	5313
	91	270	5310
	92	273	5293

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
11	2	3	5269
	4	9	5262
	13	36	5251
	17	48	5321
	21	60	5257
	27	78	5325
	28	81	5273
	37	108	5301
	41	120	5329
	62	183	5302
	65	192	5283
	72	213	5282
	76	225	5278
	86	255	5296
	90	267	5253
	94	279	5261
	99	294	5330

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
12	1	0	5256
	12	33	5253
	21	60	5326
	37	108	5328
	39	114	5322
	53	156	5310
	56	165	5285
	58	171	5303
	61	180	5330
	63	186	5323
	65	192	5309
	67	198	5311
	69	204	5264
	74	219	5258
	77	228	5296
	80	237	5270
	81	240	5319
	94	279	5321
	97	288	5267
	100	297	5257

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
13	3	6	5309
	6	15	5275
	8	21	5284
	11	30	5321
	13	36	5294
	20	57	5259
	27	78	5256
	35	102	5319
	39	114	5310
	50	147	5269
	54	159	5257
	56	165	5286
	61	180	5297
	62	183	5291
	65	192	5250
	68	201	5296
	82	243	5317
	83	246	5253
	99	294	5315

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
14	1	0	5291
	4	9	5270
	5	12	5305
	6	15	5317
	12	33	5328
	14	39	5264
	20	57	5267
	28	81	5281
	35	102	5280
	41	120	5273
	55	162	5269
	67	198	5275
	68	201	5294
	71	210	5289
	75	222	5295
	82	243	5299
	86	255	5266
	87	258	5314

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
15	16	45	5296
	19	54	5287
	21	60	5275
	22	63	5252
	25	72	5321
	27	78	5311
	28	81	5315
	33	96	5293
	36	105	5288
	37	108	5316
	42	123	5290
	44	129	5256
	48	141	5277
	51	150	5329
	56	165	5302
	66	195	5322
	71	210	5308
	74	219	5289
	79	234	5265
	92	273	5306
	96	285	5271

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
16	8	21	5253
	17	48	5264
	21	60	5321
	24	69	5294
	26	75	5311
	27	78	5293
	30	87	5274
	33	96	5320
	34	99	5300
	42	123	5270
	45	132	5318
	66	195	5261
	75	222	5324
	82	243	5308
	84	249	5312
	86	255	5301
	87	258	5305
	92	273	5329
	96	285	5290
	99	294	5276

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
17	4	9	5278
	11	30	5326
	19	54	5280
	20	57	5270
	23	66	5272
	25	72	5267
	31	90	5316
	32	93	5260
	36	105	5311
	53	156	5286
	54	159	5261
	57	168	5318
	58	171	5315
	59	174	5283
	65	192	5297
	68	201	5303
	75	222	5324
	80	237	5289
	81	240	5317
	83	246	5305
	97	288	5265

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
18	1	0	5264
	11	30	5257
	17	48	5285
	19	54	5325
	23	66	5310
	26	75	5274
	34	99	5275
	37	108	5258
	38	111	5299
	53	156	5283
	62	183	5286
	68	201	5284
	80	237	5260
	97	288	5252
	98	291	5296
	99	294	5320

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
19	8	21	5259
	12	33	5320
	23	66	5251
	36	105	5329
	43	126	5310
	47	138	5287
	53	156	5300
	63	186	5303
	64	189	5291
	68	201	5272
	73	216	5284
	83	246	5323
	84	249	5326
	90	267	5305
	100	297	5313

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
20	6	15	5288
	24	69	5284
	37	108	5325
	38	111	5303
	39	114	5327
	45	132	5293
	47	138	5291
	57	168	5250
	62	183	5320
	64	189	5308
	68	201	5270
	76	225	5289
	79	234	5266
	93	276	5330

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
21	3	6	5272
	6	15	5330
	16	45	5252
	24	69	5276
	28	81	5261
	33	96	5290
	41	120	5314
	53	156	5289
	55	162	5294
	59	174	5267
	76	225	5256
	79	234	5323
	90	267	5295
	92	273	5318
	95	282	5306
	97	288	5316

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
22	11	30	5262
	13	36	5285
	14	39	5302
	18	51	5310
	29	84	5283
	37	108	5253
	40	117	5276
	41	120	5303
	48	141	5274
	53	156	5321
	55	162	5251
	57	168	5266
	70	207	5312
	71	210	5299
	85	252	5279
	90	267	5255

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
23	5	12	5298
	9	24	5250
	13	36	5326
	15	42	5270
	18	51	5316
	29	84	5287
	32	93	5303
	33	96	5327
	37	108	5275
	40	117	5319
	41	120	5264
	45	132	5284
	66	195	5297
	68	201	5291
	71	210	5325
	74	219	5307
	78	231	5254
	89	264	5261
	90	267	5289

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
24	12	33	5312
	15	42	5291
	19	54	5286
	24	69	5261
	43	126	5308
	50	147	5295
	59	174	5282
	68	201	5258
	72	213	5311
	75	222	5251
	80	237	5250
	83	246	5321
	86	255	5314
	87	258	5284
	88	261	5289
	94	279	5267
	95	282	5323

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
25	13	36	5315
	14	39	5312
	26	75	5317
	34	99	5253
	50	147	5313
	62	183	5330
	67	198	5294
	69	204	5283
	71	210	5297
	72	213	5251
	78	231	5273
	80	237	5314
	83	246	5300

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
26	8	21	5309
	17	48	5254
	29	84	5321
	37	108	5271
	46	135	5316
	47	138	5252
	53	156	5292
	60	177	5300
	61	180	5265
	72	213	5283
	74	219	5313
	76	225	5260
	77	228	5319
	78	231	5279
	90	267	5256
	91	270	5294
	95	282	5285

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
27	4	9	5269
	7	18	5299
	9	24	5330
	10	27	5257
	17	48	5284
	18	51	5253
	26	75	5303
	49	144	5310
	51	150	5301
	52	153	5283
	55	162	5289
	72	213	5267
	76	225	5272
	90	267	5288
	96	285	5328

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
28	3	6	5293
	5	12	5264
	7	18	5321
	14	39	5328
	18	51	5259
	30	87	5282
	48	141	5271
	50	147	5255
	74	219	5265
	87	258	5253
	95	282	5269

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
29	12	33	5304
	16	45	5287
	27	78	5297
	29	84	5255
	31	90	5258
	32	93	5324
	40	117	5295
	49	144	5329
	54	159	5313
	61	180	5285
	64	189	5290
	69	204	5308
	74	219	5305
	89	264	5282
	91	270	5276
	93	276	5299
	99	294	5250

Trial #	Hopping Number	Start Time [ms]	Frequency [MHz]
30	2	3	5254
	4	9	5277
	5	12	5326
	7	18	5268
	30	87	5253
	31	90	5300
	32	93	5252
	33	96	5281
	35	102	5257
	50	147	5278
	51	150	5270
	53	156	5304
	54	159	5328
	62	183	5296
	66	195	5280
	70	207	5324
	75	222	5274
	77	228	5319
	81	240	5292
	82	243	5258

APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
DFS	204927	Attenuator	Weinschel Corp.	54A-10	109972	2026/02/02	12
DFS	242070	Attenuator	Weinschel Corp.	54A-20	120415	2025/11/02	12
DFS	242071	Attenuator	Weinschel Corp.	54A-20	120516	2025/11/02	12
DFS	242072	Attenuator	Weinschel Corp.	54A-20	120518	2025/11/02	12
DFS	145181	Coaxial Cable	Suhner	141PE	-	2025/07/17	12
DFS	179106	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q061-R	2025/04/15	12
DFS	179107	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q062-R	2025/04/15	12
DFS	246244	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-SMS13-1.0m	49883-01-01	2026/03/01	12
DFS	246245	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-SMS13-1.0m	49883-01-02	2026/03/01	12
DFS	246246	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-SMS13-1.0m	49883-01-03	2026/03/01	12
DFS	146212	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997828	2025/09/10	12
DFS	272616	Microwave cable	RS Pro	R-132G7210 100CO	-	2025/11/18	12
DFS	272617	Microwave cable	RS Pro	R-132G7210 100CO	-	2025/11/18	12
DFS	146261	Power Divider	Keysight Technologies Inc	11636B	56998	2025/04/16	12
DFS	146252	Power Splitters/Combiners	Mini-Circuits	ZFSC-2-10G+	-	2025/11/02	12
DFS	146276	Power Splitters/Combiners	Mini-Circuits	ZFSC-2-10G+	-	2025/11/02	12
DFS	143677	Signal Generator	Keysight Technologies Inc	N5182B	MY53050599	2026/01/26	12
DFS	176615	Signal Studio for DFS Rader Profiles	EMC Instruments Corporation	N7607C	ver.2.2.0.0	-	-
DFS	236410	Spectrum Analyzer	Keysight Technologies Inc	N9030B	MY63050151	2025/04/29	12
DFS	259714	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/11	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

DFS: Dynamic Frequency Selection