Prüfbericht-Nr.: *Test report no.:*	**IN244336 001**	**Auftrags-Nr.:** *Order no.*:	**146741372 0010**	Seite 1 von 193 *Page 1 of 193*
Kunden-Referenz-Nr.: *Client reference no.:*	2390953	**Auftragsdatum:** *Order date:*	2022-10-18	
Auftraggeber: *Client:*	Proxim Wireless Corporation 2114 Ringwood Avenue, San Jose, CA 95131			
Prüfgegenstand: *Test item:*	Stratum™ X5	**Serien-Nr.:** *serial no.*:	22PP22062022	
Bezeichnung.: *Identification .:*	SX5-1040A-US & SX5-1042A-US SX5-1040A-WD & SX5-1042A-WD			
Auftrags-Inhalt: *Order content*:	Testing and issue of Test report with Grant Certificate			
Prüfgrundlage: *Test specification:*	FCC Part 15 Subpart E 15.247,15.407,15.207, 15.205 & 15.209 RSS 247 Issue 3 & RSS Gen Issue 5			
Wareneingangsdatum: *Date of sample receipt:*	2023-04-11			
Prüfmuster-Nr *Test sample no*	A003453731-003			
Prüfzeitraum: *Testing period:*	2023-04-24 - 2024-01-10			
Ort der Prüfung: *Place of testing:*	Wireless laboratory, Bangalore			
Prüflaboratorium: *Testing laboratory:*	TÜV Rheinland (India) Pvt.Ltd., 27/B, 2nd Cross, Electronic City Phase1 Bangalore -560 100, India FCC Test site registration number: 496599 ISED Test site registration number: 27711 HVIN: Gigabit 5 quad			
Prüfergebnis*: *Test result*:*	Pass			

geprüft von: *tested by:*	M.V. Naveen Kumar	**genehmigt von:** *authorized by:*	Madhu K.N
Datum: *Date:*	**2024-03-02**	**Ausstellatum:** *Issue date:*	**2024-03-06**
Stellung / *Position:*	**M.V.Naveen Kumar** **Senior Engineer**	**Stellung** / *Position:*	**Madhu K.N** **Assistant Manager**
Sonstiges / *Other:*	FCC ID: HZB-GIGA5 IC :1856A-GIGA5		
Zustand des Prüfgegenstandes bei Anlieferung: *Condition of the test item at delivery:*	Prüfmuster vollständig und unbeschädigt *Test item complete and undamaged*		

* Legende:	1 = sehr gut	2 = gut	3 = befriedigend	4 = ausreichend	5 = mangelhaft
	P(ass) = entspricht o.g. Prüfgrundlage(n)		F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
** Legend:*	*1 = very good*	*2 = good*	*3 = satisfactory*	*4 = sufficient*	*5 = poor*
	P(ass) = passed a.m. test specification(s)		*F(ail) = failed a.m. test specification(s)*	*N/A = not applicable*	*N/T = not tested*

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This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.

V05

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TEST SUMMARY

Test Item	Applicable Standard		Result
	FCC 47 CFR 15	ISED	
Emission Bandwidth	15.407 (a) & (e)	RSS Gen Issue 5 Section 6.7 RSS 247 Issue 3 Section 6.2.2.1; 6.2.3.1	Pass
Frequency Stability	15.407 (g)	RSS Gen Issue 5 Section 8.11	Pass
Maximum conducted output power	15.247 (b) & 15.407 (a)	RSS 247 Issue 3 Section 6.2.2.1; 6.2.3.1	Pass
Maximum Power spectral density	15.407 (a)	RSS 247 Issue 3 Section 6.2.2.1; 6.2.3.1	Pass
Dynamic Frequency Selection	15.407 (h)	RSS 247 Issue 3 Section 6.3	Pass
Spurious Radiated Emissions & Restricted Bands of Operation	15.407 (b) / (15.205 &15.209)	RSS 247 Issue 3 Section 6.2.2.2; 6.2.3.2 RSS Gen Issue 5 Section 8.9 & 8.10	Pass
AC Power Line Conducted emission	15.207	RSS Gen Issue 5 Section 8.8	Pass
Antenna Requirement	15.203	-	Pass

*N/A→ Not Applicable

Product Category: Electronics Testing
Test Discipline : EMC Test Facility

REVISION HISTORY OF THIS REPORT

Report Number	Version	Description	Issue date
IN244336 001	01	Initial issue of report	2024-03-06

Table of Contents

1 GENERAL REMARKS

1.1 Attachments

All attachments are part of this test report and are issued in separate document

1: TEST SETUP PHOTOS

2: EUT EXTERNAL PHOTOS

3: EUT INTERNAL PHOTOS

4: FCC LABEL AND LABEL LOCATION

5: BLOCK DIAGRAM

6: SPECIFICATION OF EUT

7: SCHEMATIC DIAGRAM

8: BILL OF MATERIAL

9: USER MANUAL

10: MAXIMUM PERMISSIBLE EXPOSURE INFORMATION

11. APPENDIX-1 FOR TEST PLOTS

NOTE:

MULTIPLE MODELS:

THE MODELS SX5-UUVWY-ZZ DIFFER AS BELOW FOR MARKETING PURPOSE.

UU CAN BE 2 DIGITS DEFINING PRODUCT FREQUENCY RANGE BUT WITH NO SPECIFIC MEANING: 10 (5 GHZ), 20 (6 GHZ)

V CAN BE 1 DIGIT DEFINING MIMO CAPACITY(V): 2 (MIMO 2X2), 4 (MIMO 4X4)

W CAN BE 1 DIGIT DEFINING BEAM WIDTH: 0 (CONNECTORIZED), 1 (10 DEGREE), 2 (20 DEGREE) … 9 (90 DEGREE)

Y CAN BE 1 ALPHANUMERIC DEFINING PRODUCT TYPE: A: ALL-PURPOSE UNIT (BASE STATION (1 SU MAX) AND CLIENT), B: BASE STATION (UNLIMITED SU) AND CLIENT, C: CLIENT ONLY

ZZ CAN BE 2 ALPHANUMERIC DEFINING COUNTRY OF OPERATION: WD (WORLD), US (USA)

2 TEST SITES

2.1 Testing Facilities

1. TÜV Rheinland (India) Pvt.Ltd.,
   27/B, 2nd Cross,
   ElectronicCityPhase1
   Bangalore – 560 100,
   India

   Radiated Measurement site type :
   Fully anechoic chamber (used for above 1 GHz measurements)

2. TUV Rheinland (India) Pvt.Ltd.,
   108 , Beside ISBR Business School,
   Electronic city Phase I
   Bangalore - 560 100.
   India

   Radiated Measurement site type :
   Semi anechoic chamber (used for below 1 GHz measurements)

2.2 List of Test and Measurement Instruments

Table 1: List of test and measurement instruments

Equipment	Manufacturer	Model Name	Serial Number	Firmware Versions	Calibration Due Date	Periodicity	Test Facility
EMI Receiver	Rohde & Schwarz	ESW 44	101732	4.73 SP5	30.07.2024	Yearly	Radiated Spurious Emission
Active loop antenna	Frankonia	LAX-10	LAX-10-800	-	02.03.2024	Yearly	
Balun & Biconical Antenna	Schwarzbeck mess-elektronik	BBA 9106+VHBB 9124	9124-1117	-	05.05.2024	Yearly	
Log-Periodic Antenna	Schwarzbeck mess-elektronik	VUSLP 9111B	9111B-111	-	06.05.2024	Yearly	
Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-01944	-	28.10.2024	Yearly	
Double-Ridged Waveguide Horn Antenna	ETS	116706	00107323	-	31.05.2024	Yearly	
EMI Test Receiver	Rohde & Schwarz	ESW44	101773	1.72.SP1	15.02.2024	Yearly	
Semi Anechoic Chamber	Frankonia	-	-	-	-	-	
Fully Anechoic Chamber	Albatross	-	-	-	-	-	
Spectrum Analyzer	Agilent	E4407B	US41192772	A.14.07	04.01.2025	Yearly	Conducted Test Parameters
10dB Attenuator	H+S Electronics Pvt. Ltd	6810.17.A	770041	-	06.03.2024	Yearly	
Signal Analyzer	Rohde & Schwarz	FSV7	101644	3.40	03.02.2024	Yearly	
Open Switch & Control Unit	Rohde & Schwarz	OSP120 Incl. B157	OSP120-101323 & B157-100894	1.27.0.0	05.01.2025	Yearly	
Vector Signal Generator	Rohde & Schwarz	SMBV 100A	260789	4.15.125.49	03.02.2024	Yearly	
RF and microwave Signal Generator	Rohde & Schwarz	SMB 100A	108788	3.01.203.32	03.02.2024	Yearly	
EMI Receiver	Rohde & Schwarz	ESR7	101133	3.48 SP3	29.07.2024	Yearly	Conducted AC Power line Test
Line Impedance Stabilization Network	Rohde & Schwarz	ENV 216	101434	-	15.04.2024	Yearly	
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100811	-	12.07.2024	Yearly	

Table 2: Instrument application Software versions

SL. No.	Test Type	Application software	Version
1	Radiated spurious emission measurement in 10mtr-SAC	BAT EMC	3.20.0.17
2	Radiated spurious emission measurement in FAC	EMC 32	10.60.20
3	Antenna Port conducted measurement: TS8997 system	WMS 32	10.60.20

3 GENERAL PRODUCT INFORMATION

3.1 Product Function and Intended Use

The Stratum™ X5 is an outdoor wireless product that supports 11ax Wi-Fi standard Qualcomm Chipset with high power supported with MU-MIMO, Wave 3.0, OFDMA, Seamless roaming with built in BLE and GPS module.
It complies with 802.11ax, 4x4 MIMO technology with two dual band radio supported (one on board 5GHz radio plus one external 2.4/5/6GHz Radio provision) with PCIe3.0 and M2.0 connectors with up to 5Gbps data rates, equipped with 2.5Gbps WAN & 1Gbps LAN ports. It Supports MU-MIMO and DL/UL-OFDMA modulations.
With faster Ethernet data rate, more number of users can upload or download multiple packets at the same time.
With narrower subcarrier spacing, longer symbol time, improved stability and data processing efficiency, the Stratum X5 can be used in Point to Point Network and Backhaul Solutions for Service Providers and Enterprises and Point to Multipoint Network with Last mile access for WISP, Mobility and Smart City Applications.

3.2 Ratings and System Details of Equipment under Test

Table 3: Ratings and System Details as declared by the Supplier

Radio Protocol		WI-FI 5GHz
Operating Frequency Range		UNII-2a _ 5250MHz to 5350MHz UNII-2c _ 5470MHz to 5725MHz*
No. of Channels		(Refer Table 5)
Channel Spacing		20 MHz, 40MHz, 80MHz
Modulation		1024QAM
Power level index setting used		Refer the power levels Clause:
Maximum Measured Average Power (dBm)		17.04dBm 5600MHz(ac-mode 20MHz Data rate: MCS8) Omni Antenna. 9.41dBm 5710MHz(n-mode 40MHz Data rate: MCS0) Integrated Panel Antenna 5.97dBm 5600MHz(ax-mode 20MHz Data rate:MCS11) Sector Antenna 8.98dBm 5720MHz(ax-mode 20MHz Data rate: MCS11) Panel Antenna
Number of antennas		4*4 MIMO
Antenna Model & Gain(dBi)		Please refer Table 4: Antenna Details
Supply Voltage to Product		36-56V DC to EUT & 110-230V AC to PoE
Environmental Conditions	Storage	-50°C to 70°C
	Operating	-40°C to 60°C
EUT Dimension(L x Wx H)		SX5-1042A_ 371mm x 371mm x 97mm SX5-1040A_ 250mm x 220mm x 62mm

*__Disclaimer__: The information/data is supplied by the client and the same is considered to arrive at the final value. Any changes made apart from the specified specification, can directly impact on the tests results. Refer the products user manual for more details.

Table 4: Antenna Details

Manufacturer	Antenna Name	Antenna Model	Antenna Gain/used Frequency range
Telimart India	Omni Directional Antenna	TM55D-HVOMNI-12	2 X 12±0.5/ 5.15 to 5.850GHz
Telimart India	Dual Polarization Sector Antenna	TM55D-HVSCTR-21	2 X 21±0.5/ 5.15 to 5.850GHz
Telimart India	Dual Polarization Directional Antenna	MT-466010/NVH	2 X 28±1.0/ 5.15 to 5.850GHz
MARS Antennas & RF Systems LTD	4.9-6.425 GHz Quad Polarization	MA-WA57-QP4MIMO19	5.15-6.425 @ 4x19 dBi

Note:

1. TM55D-HVSCTR-21 should be installed with accessory 10dB attenuators when frequency setting for 5250M to 5350MHz & 5470MHz to 5725MHz.
2. MT-466010/NVH should be installed with accessory 10dB attenuators when frequency setting for 5250MHz to 5350MHz & 5470MHz to 5725MHz.

3.3 Measurement Uncertainty:

Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$

Table 5: Measurement Uncertainty

Parameter	Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±1.5 dB
Power Spectral Density, conducted	±3 dB
Unwanted Emissions, conducted	±3 dB
SAC, radiated measurement	±6 dB
FAC, radiated measurement	±6 dB
Temperature	±3 ℃
Supply Voltages	±3 %
Time	±5 %

4 TEST SET-UP AND OPERATION MODE

4.1 Principle of Configuration Selection

Transmission was enabled with highest possible duty cycle on low, mid and high channels.

4.2 UUT Operation and Software

Hardware Version : v1.0

Kernal version : 4.4.60

Software Name: QRCT4-GUI Program

Hardware Name: GIGABIT MB PCB P/N: 170-00028

4.3 Special Accessories and Auxiliary Equipment

Model Name & Model Number	**Power Adapter Ratings**
Gigabit PoE Injector RP026-5601100YG/Proxim 400-00031	Input: 100-240V˜50/60Hz 1.5A Max Output: 56.0VDC 1.1A 61.6W +(3,4,5,6)pins, -(1,2,7,8)pins

4.4 Test Modes_ data rates & Modulation

- None

4.5 Simultaneous Transmission

This product supports Simultaneous transmission

4.6 Countermeasures to achieve EMC Compliance

- None

4.7 List of frequencies

Frequency Band	Channel No.	Frequency (MHz)
UNII 2A (5250-5350)	52	5260
	54	5270
	56	5280
	58	5290
	60	5300
	62	5310
	64	5320
UNII 2C (5470-5725)	100	5500
	102	5510
	106	5530
	108	5540
	112	5560
	116	5580
	120	5600
	124	5620
	128	5640
	132	5660
	134	5670
	136	5680
	138	5690
	140	5700
	142	5710
	144	5720

Table 6: List of Wi-Fi center Frequencies

Channel used for Wi-Fi Testing

Channel Bandwidth (20MHz)	Channel Bandwidth (40MHz)	Channel Bandwidth (80MHz)
5260	5270	5290
5320	5310	5530
5500	5510	5690
5600	5670	-
5700	5710	-
5720	-	-

Note:

TUV Sample Identification number : A003453731-003 – Radiated test Sample & Conducted test Sample

5 OPERATIONAL DESCRIPTION

The Stratum™ X5 is a highly efficient radio endpoint that delivers gigabit-plus throughput in both point-to-point and multipoint wide area network configurations.

Able to operate in MIMO 4x4, with either integrated or external antenna (software switchable on some variant), the Stratum™ X5 is ideally suited to high-capacity backhaul, high-resolution video surveillance, or high-density multipoint deployments.

Powered by Proxim WORP® (Wireless Outdoor Router Protocol), managed via web GUI, CLI, Bluetooth-enabled Proxim BlueConnect™ and SNMP for ProximVision® Advanced, this high-speed platform offers advanced Quality of Service, granular service level management, and very secure networking.

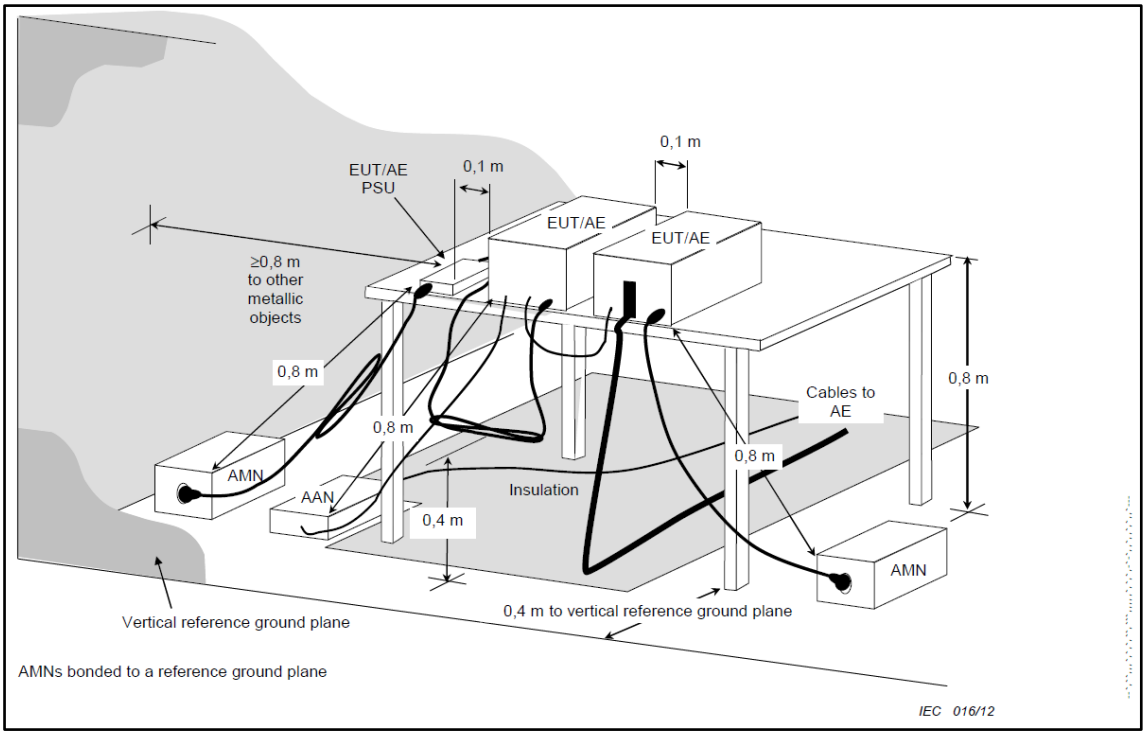
6 TEST METHODOLOGY

6.1 AC Powerline on Conducted emission

Measured levels of ac power-line conducted emission across the 50Ω LISN port (to which the EUT is connected). All emission voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord by the use of mating plugs and receptacles on the LISN, if used. Equipment shall be tested with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended by the manufacturer.

The device is placed on the test table, raised 80cm above the referance ground plane. The vertical conducting plane is located 40cm to the rear of the device. AC Conducted emission measurement is made over frequency range from 150kHz to 30MHz, this measurement was performed with EUT powered with an AC adaptor with 110V AC 60Hz supply.

6.1.1 Test Setup Configuration



6.2 Radiated Emission Test

The radiated emission measurement was performed according to the procedures in ANSI C63.10-2013. The equipment under test (EUT) was placed at the middle of the 80 cm high turntable for below 1 GHz & 1.5 m height for above 1 GHz measurement, and the EUT is 3 meters far from the measuring antenna. The turntable was rotated 360˚ for obtaining the maximum emission. The height of the measuring antennas was scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained. The measurement above 1000 MHz was performed by horn antenna, The measurement below 30 MHz was performed by loop antenna, Measurement from 30 MHz to 200 MHz was performed by Baloon and Biconical Antenna, and mesurement from 200 MHz to 1 GHz was performed by Log-Periodic Antenna.

The EUT was rotated around the X-, Y-, and Z-Axis and the results from worst case axis are recorded

6.2.1 Test Setup Configuration

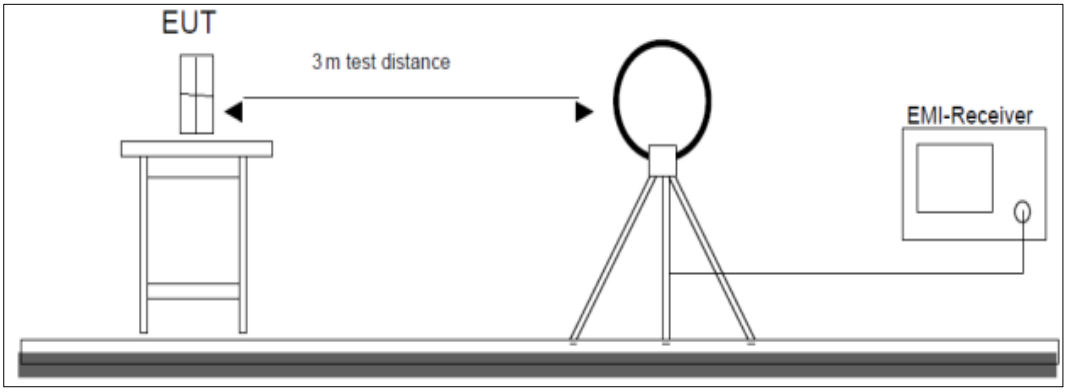


Figure 1: Frequency Range 9 kHz- 30 MHz

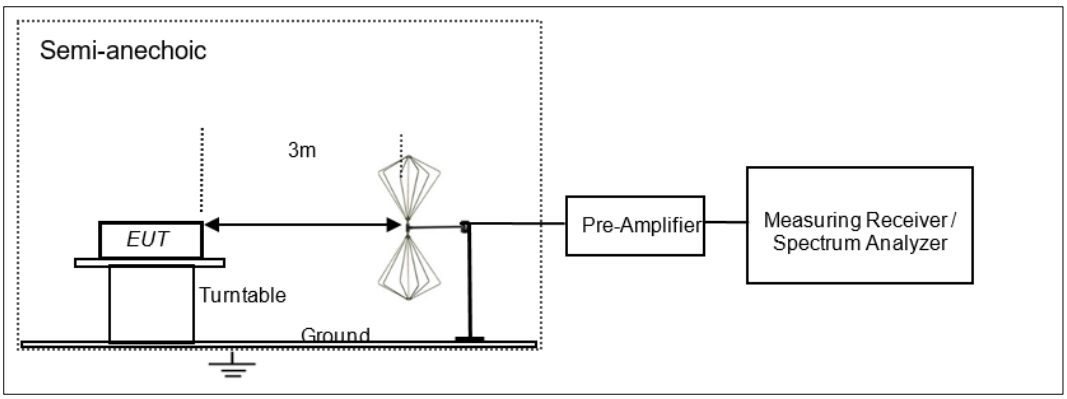


Figure 2: Frequency Range 30 MHz – 200 MHz

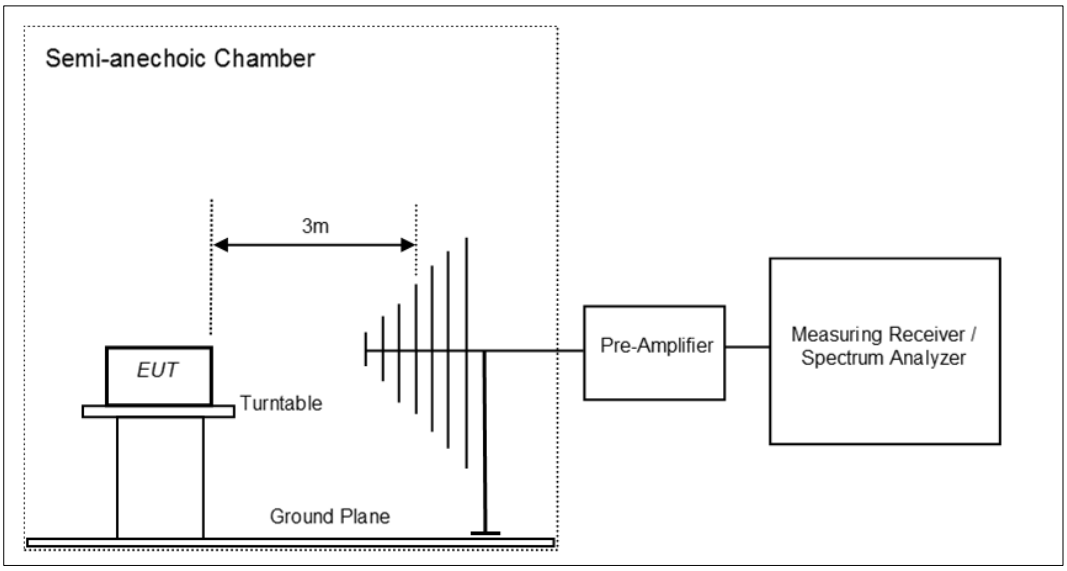


Figure 3: Frequency Range 200 MHz – 1 GHz

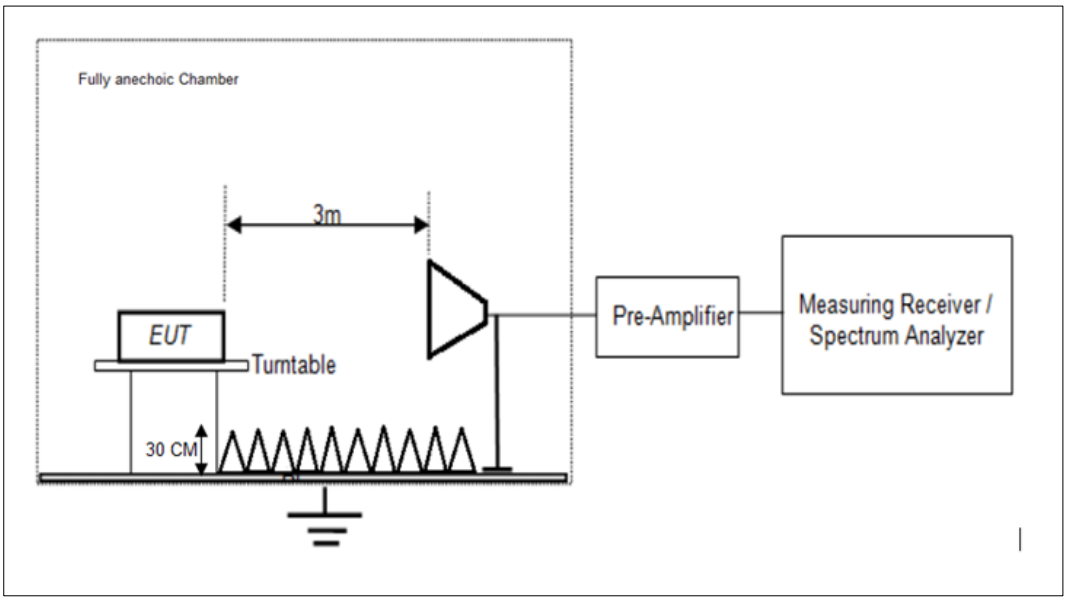


Figure 4: Frequency Range above 1 GHz

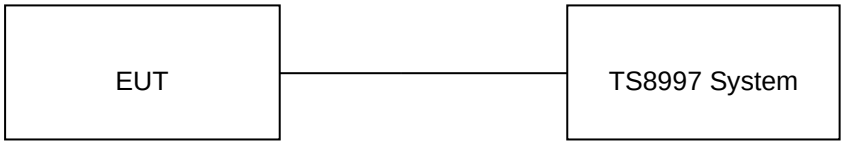
7 TEST RESULTS

7.1 Emission Bandwidth

Result ***Pass***

Test Specification	FCC part 15 Subpart E, 15.407 (a) (2) RSS Gen Issue 5, section 6.7 & RSS 247 Issue 3, section 6.2.2.1 & 6.2.3.1
Test Method	Subclause 6.9.3 of ANSI C63.10
Measurement Bandwidth	Refer Test Method below
Detector	Refer Test Method below
Port of testing	Antenna port
Requirement	1. 99% emission band width measurement for reporting purpose only in the band 5250-5350 MHz 2. 99% emission band width measurement for reporting purpose only in the band 5470-5725 MHz

Test Method



The following procedure shall be used for measuring (99%) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency
2. Set span = 1.5 times to 5.0 times the OBW
3. Set RBW = 1% to 5% of the OBW
4. Set VBW ≥ 3 × RBW
5. Use the 99% power bandwidth function of the instrument
6. Use sample detector with single sweep mode, or use Peak detector and Max Hold mode (until the trace is stabilized)

The following procedure shall be used for measuring 26dB emission bandwidth:

1. Set center frequency to the nominal EUT channel center frequency
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set VBW > RBW
4. Detector: Peak
5. Trace mode: Maxhold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the instrument. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Note : All the steps in measurement method of KDB 789033 D02, ANSI C63.10 section 12.4.1 & 6.9.3, are followed

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through PoE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made as per section C(1) & D in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results

Note:

1. All the losses are included during measurement
2. Testing has been performed in MIMO mode condition.
3. Testing is performed with the maximum Power level setting

Note: Refer Attached Appendix for test Plots

Modulation: 802.11a

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
20	a	6	UNII 2a	5260	19.40	16.40
				5320	19.40	16.40
			UNII 2c	5500	19.30	16.40
				5600	19.40	16.40
				5700	19.20	16.40
				5720	19.50	16.40
		54	UNII 2a	5260	21.80	16.70
				5320	21.70	16.60
			UNII 2c	5500	21.80	16.60
				5600	21.70	16.60
				5700	22.10	16.60
				5720	21.50	16.60

Modulation: 802.11n

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
20	n	MCS0	UNII 2a	5260	20.70	17.60
				5320	20.60	17.60
			UNII 2c	5500	20.60	17.60
				5600	20.50	17.60
				5700	20.60	17.60
				5720	20.40	17.60
		MCS7	UNII 2a	5260	21.20	17.60
				5320	21.00	17.60
			UNII 2c	5500	21.60	17.60
				5600	21.20	17.60
				5700	20.80	17.60
				5720	20.90	17.60

Modulation: 802.11ac

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
20	ac	MCS0	UNII 2a	5260	20.50	17.60
				5320	21.00	17.50
			UNII 2c	5500	20.70	17.60
				5600	20.70	17.60
				5700	20.60	17.60
				5720	20.70	17.60
		MCS8	UNII 2a	5260	23.60	17.90
				5320	22.90	17.90
			UNII 2c	5500	22.70	17.90
				5600	22.80	17.90
				5700	22.90	17.90
				5720	22.50	17.90

Modulation:802.11ax

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
20	ax	MCS0	UNII 2a	5260	21.40	19.00
				5320	21.60	19.00
			UNII 2c	5500	21.20	18.90
				5600	21.40	19.00
				5700	21.50	19.00
				5720	21.60	19.00
		MCS11	UNII 2a	5260	23.20	19.10
				5320	23.30	19.10
			UNII 2c	5500	23.10	19.20
				5600	23.30	19.20
				5700	23.10	19.10
				5720	23.80	19.20

Modulation:802.11n-HT40MHz

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
40	n	MCS0	UNII 2a	5270	40.67	36.25
				5310	40.07	36.25
			UNII 2c	5510	40.67	36.25
				5670	40.67	36.25
				5710	40.07	36.25
		MCS7	UNII 2a	5270	45.77	36.75
				5310	46.22	36.75
			UNII 2c	5510	45.92	36.75
				5670	45.32	37.00
				5710	45.47	36.75

Modulation:802.11acVHT40MHz

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
40	ac	MCS0	UNII 2a	5270	40.37	36.25
				5310	40.07	36.25
			UNII 2c	5510	40.07	36.25
				5670	40.22	36.25
				5710	40.22	36.25
		MCS8	UNII 2a	5270	44.87	36.75
				5310	45.92	37.00
			UNII 2c	5510	44.87	37.00
				5670	44.27	37.00
				5710	45.47	37.00

Modulation:802.11ax HE-40MHz

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
40	ax	MCS0	UNII 2a	5270	41.12	37.75
				5310	41.12	37.75
			UNII 2c	5510	41.27	37.75
				5670	40.97	37.75
				5710	40.82	37.75
		MCS11	UNII 2a	5270	43.67	38.25
				5310	44.57	38.25
			UNII 2c	5510	45.17	38.25
				5670	45.17	38.25
				5710	45.02	38.25

Modulation:802.11ac-VHT80

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
80	ac	MCS0	UNII 2a	5290	82.50	75.50
			UNII 2c	5530	83.00	75.50
				5690	83.50	75.50
		MCS9	UNII 2a	5290	93.00	76.50
			UNII 2c	5530	91.50	76.50
				5690	91.00	76.50

Modulation:802.11ax-VHT80

Bandwidth (MHz)	Mode	Data rate	Band	Channel frequency (MHz)	Measured Emission Bandwidth 26dB (MHz)	Measured 99% Bandwidth (MHz)
80	ax	MCS0	UNII 2a	5290	94.55	77.00
			UNII 2c	5530	94.54	77.50
				5690	94.52	77.50
		MCS11	UNII 2a	5290	93.00	78.00
			UNII 2c	5530	91.50	78.00
				5690	91.00	77.50

7.2 Maximum Conducted Output Power

Result ***Pass***

Test Specification	FCC part 15 Subpart E 15.407 (a) (2) RSS 247 Issue 3 Clause 6.2.2.1 & 6.2.3.1
Test Method	Subclause 12.3.3.2 of ANSI C63.10
Measurement Bandwidth	Refer the remarks below
Detector	Average sample detector mode
Port of testing	Antenna port
Requirement for FCC	Please Refer the below

Limits:

For FCC 15.407(a)

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For ISED according to RSS-247 Clause 6.2

For Frequency range of 5250MHz to 5350MHz:

Power limits

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

Devices, other than devices installed in vehicles, shall comply with the following:

a) The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

b) The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Frequency bands 5470-5600 MHz and 5650-5725 MHz

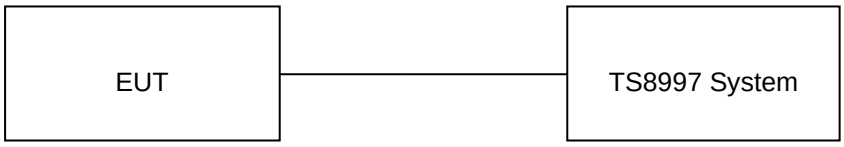
Power limits:

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than

500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Test Method



Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made as per section E (3) sub-section (b) in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results:

Note:
1. All the losses are included during measurement.

2. Testing has been performed in MIMO mode condition.

Antenna type & Antenna Gain: Omni Antenna & 12dBi

Modulation: 802.11a

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	6	UNII-2a	5260	8.93	20.93	18.00	23.88	30.00
			5320	9.15	21.15	18.00	23.88	30.00
		UNII-2c	5500	10.13	22.13	18.00	23.86	30.00
			5600	10.64	22.64	18.00	23.88	30.00
			5700	10.49	22.49	18.00	23.83	30.00
			5720	10.30	22.30	18.00	23.90	30.00
	54	UNII-2a	5260	8.90	20.90	18.00	24.00	30.00
			5320	9.19	21.19	18.00	24.00	30.00
		UNII-2c	5500	10.16	22.16	18.00	24.00	30.00
			5600	10.65	22.65	18.00	24.00	30.00
			5700	10.45	22.45	18.00	24.00	30.00
			5720	10.30	22.30	18.00	24.00	30.00

Modulation: 802.11n

BW	Data rate	Band	Channel Frequency(MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	14.93	26.93	18.00	24.00	30.00
			5320	15.29	27.29	18.00	24.00	30.00
		UNII-2c	5500	16.31	28.31	18.00	24.00	30.00
			5600	16.69	28.69	18.00	24.00	30.00
			5700	16.56	28.56	18.00	24.00	30.00
			5720	16.39	28.39	18.00	24.00	30.00
	MCS7	UNII-2a	5260	15.40	27.40	18.00	24.00	30.00
			5320	15.60	27.60	18.00	24.00	30.00
		UNII-2c	5500	16.52	28.52	18.00	24.00	30.00
			5600	16.99	28.99	18.00	24.00	30.00
			5700	16.86	28.86	18.00	24.00	30.00
			5720	16.78	28.78	18.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	9.27	21.27	18.00	24.00	30.00
			5310	9.74	21.74	18.00	24.00	30.00
		UNII-2c	5510	9.24	21.24	18.00	24.00	30.00
			5670	9.46	21.46	18.00	24.00	30.00
			5710	9.36	21.36	18.00	24.00	30.00
	MCS7	UNII-2a	5270	9.10	21.10	18.00	24.00	30.00
			5310	9.49	21.49	18.00	24.00	30.00
		UNII-2c	5510	9.32	21.32	18.00	24.00	30.00
			5670	9.52	21.52	18.00	24.00	30.00
			5710	9.43	21.43	18.00	24.00	30.00

Modulation: 802.11ac

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	15.08	27.08	18.00	24.00	30.00
			5320	15.27	27.27	18.00	24.00	30.00
		UNII-2c	5500	16.29	28.29	18.00	24.00	30.00
			5600	16.66	28.66	18.00	24.00	30.00
			5700	16.50	28.50	18.00	24.00	30.00
			5720	16.35	28.35	18.00	24.00	30.00
	MCS8	UNII-2a	5260	15.40	27.40	18.00	24.00	30.00
			5320	15.66	27.66	18.00	24.00	30.00
		UNII-2c	5500	16.62	28.62	18.00	24.00	30.00
			5600	17.04	29.04	18.00	24.00	30.00
			5700	16.89	28.89	18.00	24.00	30.00
			5720	16.75	28.75	18.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	9.27	21.27	18.00	24.00	30.00
			5310	9.74	21.74	18.00	24.00	30.00
		UNII-2c	5510	9.24	21.24	18.00	24.00	30.00
			5670	9.43	21.43	18.00	24.00	30.00
			5710	9.37	21.37	18.00	24.00	30.00
	MCS9	UNII-2a	5270	9.12	21.12	18.00	24.00	30.00
			5310	9.49	21.49	18.00	24.00	30.00
		UNII-2c	5510	9.37	21.37	18.00	24.00	30.00
			5670	9.55	21.55	18.00	24.00	30.00
			5710	9.47	21.47	18.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
80	MCS0	UNII-2a	5290	9.78	21.78	18.00	24.00	30.00
		UNII-2c	5530	10.23	22.23	18.00	24.00	30.00
			5690	10.30	22.3	18.00	24.00	30.00
	MCS9	UNII-2a	5290	9.96	21.96	18.00	24.00	30.00
		UNII-2c	5530	10.40	22.40	18.00	24.00	30.00
			5690	10.51	22.51	18.00	24.00	30.00

Modulation: 802.11ax

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	14.26	26.26	18.00	24.00	30.00
			5320	14.52	26.52	18.00	24.00	30.00
		UNII-2c	5500	15.49	27.49	18.00	24.00	30.00
			5600	16.01	28.01	18.00	24.00	30.00
			5700	15.83	27.83	18.00	24.00	30.00
			5720	15.69	27.69	18.00	24.00	30.00
	MCS11	UNII-2a	5260	13.73	25.73	18.00	24.00	30.00
			5320	13.80	25.80	18.00	24.00	30.00
		UNII-2c	5500	14.81	26.81	18.00	24.00	30.00
			5600	15.28	27.28	18.00	24.00	30.00
			5700	15.15	27.15	18.00	24.00	30.00
			5720	15.11	27.11	18.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	8.94	20.94	18.00	24.00	30.00
			5310	9.26	21.26	18.00	24.00	30.00
		UNII-2c	5510	10.50	22.50	18.00	24.00	30.00
			5670	10.58	22.58	18.00	24.00	30.00
			5710	10.56	22.56	18.00	24.00	30.00
	MCS11	UNII-2a	5270	9.24	21.24	18.00	24.00	30.00
			5310	9.54	21.54	18.00	24.00	30.00
		UNII-2c	5510	10.79	22.79	18.00	24.00	30.00
			5670	10.87	22.87	18.00	24.00	30.00
			5710	10.85	22.85	18.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
80	MCS0	UNII-2a	5290	10.06	22.06	18.00	24.00	30.00
		UNII-2c	5530	10.46	22.46	18.00	24.00	30.00
			5690	10.63	22.63	18.00	24.00	30.00
	MCS11	UNII-2a	5290	10.34	22.34	18.00	24.00	30.00
		UNII-2c	5530	10.72	22.72	18.00	24.00	30.00
			5690	10.85	22.85	18.00	24.00	30.00

Note:

1. The duty cycle correction factor is added into the test data
2. The antenna Gain is 12dBi, the device employeed Cyclic Dealy diversity (CDD) for MIMO 802.11 transmtters per KDB 662911D01 Multiple transmitter output v02r01, for Power measurement on 802.11 devices
   Array gain =0dB(i.e., no array gain) for $N_{ANT} \leq 4$;
   So directional gain = 12dBi

Antenna type & Antenna Gain: Integrated Panel Antenna & 19dBi

Modulation: 802.11a

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	6	UNII-2a	5260	8.15	27.15	11.00	24.00	30.00
			5320	8.62	27.62	11.00	24.00	30.00
		UNII-2c	5500	7.91	26.91	11.00	24.00	30.00
			5600	8.27	27.27	11.00	24.00	30.00
			5700	8.75	27.75	11.00	24.00	30.00
			5720	9.09	28.09	11.00	24.00	30.00
	54	UNII-2a	5260	7.86	26.86	11.00	24.00	30.00
			5320	8.04	27.04	11.00	24.00	30.00
		UNII-2c	5500	7.36	26.36	11.00	24.00	30.00
			5600	7.73	26.73	11.00	24.00	30.00
			5700	8.61	27.61	11.00	24.00	30.00
			5720	8.78	27.78	11.00	24.00	30.00

Modulation: 802.11n

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	8.16	27.16	11.00	24.00	30.00
			5320	8.48	27.48	11.00	24.00	30.00
		UNII-2c	5500	7.73	26.73	11.00	24.00	30.00
			5600	8.16	27.16	11.00	24.00	30.00
			5700	8.69	27.69	11.00	24.00	30.00
			5720	8.96	27.96	11.00	24.00	30.00
	MCS7	UNII-2a	5260	7.93	26.93	11.00	24.00	30.00
			5320	8.36	27.36	11.00	24.00	30.00
		UNII-2c	5500	7.55	26.55	11.00	24.00	30.00
			5600	8.10	27.10	11.00	24.00	30.00
			5700	8.67	27.67	11.00	24.00	30.00
			5720	8.76	27.76	11.00	24.00	30.00

Modulation: 802.11ac

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	8.12	27.12	11.00	24.00	30.00
			5320	8.48	27.48	11.00	24.00	30.00
		UNII-2c	5500	7.78	26.78	11.00	24.00	30.00
			5600	8.18	27.18	11.00	24.00	30.00
			5700	8.64	27.64	11.00	24.00	30.00
			5720	8.99	27.99	11.00	24.00	30.00
	MCS8	UNII-2a	5260	7.86	26.86	11.00	24.00	30.00
			5320	8.35	27.35	11.00	24.00	30.00
		UNII-2c	5500	7.53	26.53	11.00	24.00	30.00
			5600	8.11	27.11	11.00	24.00	30.00
			5700	8.66	27.66	11.00	24.00	30.00
			5720	8.82	27.82	11.00	24.00	30.00

Modulation: 802.11ax

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	7.95	26.95	11.00	24.00	30.00
			5320	8.32	27.32	11.00	24.00	30.00
		UNII-2c	5500	7.61	26.61	11.00	24.00	30.00
			5600	8.00	27.00	11.00	24.00	30.00
			5700	8.53	27.53	11.00	24.00	30.00
			5720	8.78	27.78	11.00	24.00	30.00
	MCS11	UNII-2a	5260	8.24	27.24	11.00	24.00	30.00
			5320	8.67	27.67	11.00	24.00	30.00
		UNII-2c	5500	7.88	26.88	11.00	24.00	30.00
			5600	8.45	27.45	11.00	24.00	30.00
			5700	9.01	28.01	11.00	24.00	30.00
			5720	9.18	28.18	11.00	24.00	30.00

Modulation: 802.11n-40MHz

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	8.16	27.16	11.00	24.00	30.00
			5310	8.39	27.39	11.00	24.00	30.00
		UNII-2c	5510	8.01	27.01	11.00	24.00	30.00
			5670	8.54	27.54	11.00	24.00	30.00
			5710	9.41	28.41	11.00	24.00	30.00
	MCS7	UNII-2a	5270	7.75	26.75	11.00	24.00	30.00
			5310	8.13	27.13	11.00	24.00	30.00
		UNII-2c	5510	7.71	26.71	11.00	24.00	30.00
			5670	8.41	27.41	11.00	24.00	30.00
			5710	9.17	28.17	11.00	24.00	30.00

Modulation: 802.11ac-40MHz

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	8.10	27.10	11.00	24.00	30.00
			5310	8.30	27.30	11.00	24.00	30.00
		UNII-2c	5510	7.96	26.96	11.00	24.00	30.00
			5670	8.58	27.58	11.00	24.00	30.00
			5710	9.38	28.38	11.00	24.00	30.00
	MCS9	UNII-2a	5270	7.69	26.69	11.00	24.00	30.00
			5310	8.10	27.10	11.00	24.00	30.00
		UNII-2c	5510	7.65	26.65	11.00	24.00	30.00
			5670	8.33	27.33	11.00	24.00	30.00
			5710	9.14	28.14	11.00	24.00	30.00

Modulation: 802.11ax-40MHz

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	8.00	27.00	11.00	24.00	30.00
			5310	8.21	27.21	11.00	24.00	30.00
		UNII-2c	5510	7.82	26.82	11.00	24.00	30.00
			5670	8.38	27.38	11.00	24.00	30.00
			5710	9.15	28.15	11.00	24.00	30.00
	MCS11	UNII-2a	5270	8.01	27.01	11.00	24.00	30.00
			5310	8.23	27.23	11.00	24.00	30.00
		UNII-2c	5510	7.73	26.73	11.00	24.00	30.00
			5670	8.39	27.39	11.00	24.00	30.00
			5710	9.21	28.21	11.00	24.00	30.00

Modulation: 802.11ac-80MHz

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED limit (dBm)	ISED e.i.r.p Limit (dBm)
80	MCS0	UNII-2a	5290	7.97	26.97	11.00	24.00	30.00
		UNII-2c	5530	7.79	26.79	11.00	24.00	30.00
			5690	8.57	27.57	11.00	24.00	30.00
	MCS9	UNII-2a	5290	7.60	26.60	11.00	24.00	30.00
		UNII-2c	5530	7.50	26.50	11.00	24.00	30.00
			5690	8.54	27.54	11.00	24.00	30.00

Modulation: 802.11ax-80MHz

BW	Data Rate	Band	Channel frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED limit (dBm)	ISED e.i.r.p Limit (dBm)
80	MCS0	UNII-2a	5290	7.95	26.95	11.00	24.00	30.00
		UNII-2c	5530	7.87	26.87	11.00	24.00	30.00
			5690	8.71	27.71	11.00	24.00	30.00
	MCS11	UNII-2a	5290	7.70	26.70	11.00	24.00	30.00
		UNII-2c	5530	7.55	26.55	11.00	24.00	30.00
			5690	8.54	27.54	11.00	24.00	30.00

Note:

1. The duty cycle correction factor is added in the final test data
2. The antenna gain is 19dBi. The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;
   So,
   Directional gain =19dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz

Antenna type & Antenna Gain: Sector Antenna & 21dBi

Modulation:802.11a

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	6	UNII-2a	5260	3.83	14.83	19.00	23.88	30.00
			5320	3.97	14.97	19.00	23.88	30.00
		UNII-2c	5500	5.16	16.16	19.00	23.86	30.00
			5600	5.48	16.48	19.00	23.88	30.00
			5700	5.44	16.44	19.00	23.83	30.00
			5720	5.34	16.34	19.00	23.90	30.00
	54	UNII-2a	5260	3.86	14.86	19.00	24.00	30.00
			5320	3.99	14.99	19.00	24.00	30.00
		UNII-2c	5500	5.19	16.19	19.00	24.00	30.00
			5600	5.50	16.50	19.00	24.00	30.00
			5700	5.38	16.38	19.00	24.00	30.00
			5720	5.22	16.22	19.00	24.00	30.00

Modulation:802.11n

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	3.66	14.66	19.00	24.00	30.00
			5320	3.84	14.84	19.00	24.00	30.00
		UNII-2c	5500	5.04	16.04	19.00	24.00	30.00
			5600	5.33	16.33	19.00	24.00	30.00
			5700	5.00	16.00	19.00	24.00	30.00
			5720	4.87	15.87	19.00	24.00	30.00
	MCS7	UNII-2a	5260	3.79	14.79	19.00	24.00	30.00
			5320	4.09	15.09	19.00	24.00	30.00
		UNII-2c	5500	5.32	16.32	19.00	24.00	30.00
			5600	5.60	16.60	19.00	24.00	30.00
			5700	5.57	16.57	19.00	24.00	30.00
			5720	5.67	16.67	19.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	3.82	14.82	19.00	24.00	30.00
			5310	3.93	14.93	19.00	24.00	30.00
		UNII-2c	5510	5.22	16.22	19.00	24.00	30.00
			5670	4.75	15.75	19.00	24.00	30.00
			5710	4.88	15.88	19.00	24.00	30.00
	MCS7	UNII-2a	5270	3.92	14.92	19.00	24.00	30.00
			5310	4.03	15.03	19.00	24.00	30.00
		UNII-2c	5510	5.31	16.31	19.00	24.00	30.00
			5670	4.98	15.98	19.00	24.00	30.00
			5710	5.00	16.00	19.00	24.00	30.00

Modulation:802.11ac

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	3.65	15.65	19.00	24.00	30.00
			5320	3.73	15.73	19.00	24.00	30.00
		UNII-2c	5500	4.90	16.90	19.00	24.00	30.00
			5600	5.35	17.35	19.00	24.00	30.00
			5700	5.23	17.23	19.00	24.00	30.00
			5720	4.81	16.81	19.00	24.00	30.00
	MCS8	UNII-2a	5260	3.93	15.93	19.00	24.00	30.00
			5320	4.07	16.07	19.00	24.00	30.00
		UNII-2c	5500	5.32	17.32	19.00	24.00	30.00
			5600	5.64	17.64	19.00	24.00	30.00
			5700	5.59	17.59	19.00	24.00	30.00
			5720	5.57	17.57	19.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	3.84	14.84	19.00	24.00	30.00
			5310	3.92	14.92	19.00	24.00	30.00
		UNII-2c	5510	5.21	16.21	19.00	24.00	30.00
			5670	4.76	15.76	19.00	24.00	30.00
			5710	4.86	15.86	19.00	24.00	30.00
	MCS8	UNII-2a	5270	3.97	14.97	19.00	24.00	30.00
			5310	4.06	15.06	19.00	24.00	30.00
		UNII-2c	5510	5.31	16.31	19.00	24.00	30.00
			5670	5.33	16.33	19.00	24.00	30.00
			5710	5.17	16.17	19.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
80	MCS0	UNII-2a	5290	3.76	14.76	19.00	24.00	30.00
		UNII-2c	5530	5.02	16.02	19.00	24.00	30.00
			5690	2.39	13.39	19.00	24.00	30.00
	MCS8	UNII-2a	5290	3.96	14.96	19.00	24.00	30.00
		UNII-2c	5530	5.24	16.24	19.00	24.00	30.00
			5690	4.93	15.93	19.00	24.00	30.00

Modulation:802.11ax

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	MCS0	UNII-2a	5260	3.91	15.91	19.00	24.00	30.00
			5320	4.07	16.07	19.00	24.00	30.00
		UNII-2c	5500	5.21	17.21	19.00	24.00	30.00
			5600	5.56	17.56	19.00	24.00	30.00
			5700	5.51	17.51	19.00	24.00	30.00
			5720	5.55	17.55	19.00	24.00	30.00
	MCS11	UNII-2a	5260	4.34	16.34	19.00	24.00	30.00
			5320	4.47	16.47	19.00	24.00	30.00
		UNII-2c	5500	5.63	17.63	19.00	24.00	30.00
			5600	5.97	17.97	19.00	24.00	30.00
			5700	5.94	17.94	19.00	24.00	30.00
			5720	5.95	17.95	19.00	24.00	30.00

BW	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	MCS0	UNII-2a	5270	3.98	14.98	19.00	24.00	30.00
			5310	4.08	15.08	19.00	24.00	30.00
		UNII-2c	5510	5.35	16.35	19.00	24.00	30.00
			5670	5.47	16.47	19.00	24.00	30.00
			5710	5.51	16.51	19.00	24.00	30.00
	MCS11	UNII-2a	5270	4.27	15.27	19.00	24.00	30.00
			5310	4.36	15.36	19.00	24.00	30.00
		UNII-2c	5510	5.60	16.60	19.00	24.00	30.00
			5670	5.73	16.73	19.00	24.00	30.00
			5710	5.84	16.84	19.00	24.00	30.00

BW	Mode	Data rate	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
80	ax	MCS0	5290	4.02	15.02	19.00	24.00	30.00
			5530	5.33	16.33	19.00	24.00	30.00
			5690	5.30	16.30	19.00	24.00	30.00
		MCS11	5290	4.28	15.28	19.00	24.00	30.00
			5530	5.57	16.57	19.00	24.00	30.00
			5690	5.74	16.74	19.00	24.00	30.00

Note:

1. The duty cycle correction factor is added in the final test data
2. Measured Output Power = Measured Power
3. The antenna gain is 21dBi. 10dB Attenuator should be installed with this band for this antenna for the bands 5250M to 5350MHz & 5470MHz to 5725MHz, so the actual antenna gain is 11dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices
   Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;
   So,
   Directional gain =11dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz

Antenna Type & Antenna Gain: Panel Antenna & 28dBi

Modulation: 802.11a

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	a	6	UNII-2a	5260	8.10	26.10	12.00	24.00	30.00
				5320	8.11	26.11	12.00	24.00	30.00
			UNII-2c	5500	7.78	25.78	12.00	24.00	30.00
				5600	8.21	26.21	12.00	24.00	30.00
				5700	8.30	26.30	12.00	24.00	30.00
				5720	8.36	26.36	12.00	24.00	30.00
		54	UNII-2a	5260	5.25	23.25	12.00	24.00	30.00
				5320	5.48	23.48	12.00	24.00	30.00
			UNII-2c	5500	5.59	23.59	12.00	24.00	30.00
				5600	6.11	24.11	12.00	24.00	30.00
				5700	6.24	24.24	12.00	24.00	30.00
				5720	6.30	24.30	12.00	24.00	30.00

Modulation: 802.11n

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	n	MCS0	UNII-2a	5260	7.58	25.58	12.00	24.00	30.00
				5320	7.71	25.71	12.00	24.00	30.00
			UNII-2c	5500	7.19	25.19	12.00	24.00	30.00
				5600	7.83	25.83	12.00	24.00	30.00
				5700	7.90	25.90	12.00	24.00	30.00
				5720	7.89	25.89	12.00	24.00	30.00
		MCS7	UNII-2a	5260	7.29	25.29	12.00	24.00	30.00
				5320	7.49	25.49	12.00	24.00	30.00
			UNII-2c	5500	7.60	25.60	12.00	24.00	30.00
				5600	8.08	26.08	12.00	24.00	30.00
				5700	8.09	26.09	12.00	24.00	30.00
				5720	8.22	26.22	12.00	24.00	30.00
40		MCS0	UNII-2a	5270	7.48	25.48	12.00	24.00	30.00
				5310	7.88	25.88	12.00	24.00	30.00
			UNII-2c	5510	6.66	24.66	12.00	24.00	30.00
				5670	7.82	25.82	12.00	24.00	30.00
				5710	7.94	25.94	12.00	24.00	30.00
		MCS7	UNII-2a	5270	7.42	25.42	12.00	24.00	30.00
				5310	7.57	25.57	12.00	24.00	30.00
			UNII-2c	5510	7.55	25.55	12.00	24.00	30.00
				5670	7.94	25.94	12.00	24.00	30.00
				5710	8.09	26.09	12.00	24.00	30.00

Modulation: 802.11ac

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	ac	MCS0	UNII-2a	5260	7.65	25.65	12.00	24.00	30.00
				5320	7.76	25.76	12.00	24.00	30.00
			UNII-2c	5500	7.33	25.33	12.00	24.00	30.00
				5600	7.77	25.77	12.00	24.00	30.00
				5700	7.82	25.82	12.00	24.00	30.00
				5720	7.89	25.89	12.00	24.00	30.00
		MCS8	UNII-2a	5260	7.51	25.51	12.00	24.00	30.00
				5320	7.53	25.53	12.00	24.00	30.00
			UNII-2c	5500	7.49	25.49	12.00	24.00	30.00
				5600	8.05	26.05	12.00	24.00	30.00
				5700	8.15	26.15	12.00	24.00	30.00
				5720	8.18	26.18	12.00	24.00	30.00

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	ac	MCS0	UNII-2a	5270	7.56	25.56	12.00	24.00	30.00
				5310	7.89	25.89	12.00	24.00	30.00
			UNII-2c	5510	7.48	25.48	12.00	24.00	30.00
				5670	7.88	25.88	12.00	24.00	30.00
				5710	7.98	25.98	12.00	24.00	30.00
		MCS8	UNII-2a	5270	7.42	25.42	12.00	24.00	30.00
				5310	7.66	25.66	12.00	24.00	30.00
			UNII-2c	5510	7.62	25.62	12.00	24.00	30.00
				5670	8.01	26.01	12.00	24.00	30.00
				5710	8.11	26.11	12.00	24.00	30.00

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
80	ac	MCS0	UNII-2a	5290	7.42	25.42	12.00	24.00	30.00
			UNII-2c	5530	7.43	25.43	12.00	24.00	30.00
				5690	7.82	25.82	12.00	24.00	30.00
		MCS9	UNII-2a	5290	7.30	25.30	12.00	24.00	30.00
			UNII-2c	5530	7.67	25.67	12.00	24.00	30.00
				5690	8.03	26.03	12.00	24.00	30.00

Modulation: 802.11ax

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
20	ax	MCS0	UNII-2a	5260	7.79	25.79	12.00	24.00	30.00
				5320	7.87	25.87	12.00	24.00	30.00
			UNII-2c	5500	7.86	25.86	12.00	24.00	30.00
				5600	8.32	26.32	12.00	24.00	30.00
				5700	8.39	26.39	12.00	24.00	30.00
				5720	8.50	26.50	12.00	24.00	30.00
		MCS11	UNII-2a	5260	8.15	26.15	12.00	24.00	30.00
				5320	4.93	22.93	12.00	24.00	30.00
			UNII-2c	5500	8.24	26.24	12.00	24.00	30.00
				5600	8.70	26.70	12.00	24.00	30.00
				5700	8.76	26.76	12.00	24.00	30.00
				5720	8.98	26.98	12.00	24.00	30.00

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit (dBm)	ISED Limit (dBm)	ISED e.i.r.p Limit (dBm)
40	ax	MCS0	UNII-2a	5270	7.79	25.79	12.00	24.00	30.00
				5310	8.11	26.11	12.00	24.00	30.00
			UNII-2c	5510	7.97	25.97	12.00	24.00	30.00
				5670	8.35	26.35	12.00	24.00	30.00
				5710	8.48	26.48	12.00	24.00	30.00
		MCS11	UNII-2a	5270	7.84	25.84	12.00	24.00	30.00
				5310	8.05	26.05	12.00	24.00	30.00
			UNII-2c	5510	8.21	26.21	12.00	24.00	30.00
				5670	8.59	26.59	12.00	24.00	30.00
				5710	8.70	26.70	12.00	24.00	30.00

BW	Mode	Data rate	Band	Channel Frequency (MHz)	Measured Power (dBm)	Measured e.i.r.p (dBm)	FCC Limit	ISED Limit	ISED e.i.r.p Limit (dBm)
80	ax	MCS0	UNII-2a	5290	7.83	25.83	12.00	24.00	30.00
			UNII-2c	5530	8.04	26.04	12.00	24.00	30.00
				5690	8.41	26.41	12.00	24.00	30.00
		MCS11	UNII-2a	5290	7.72	25.72	12.00	24.00	30.00
			UNII-2c	5530	8.29	26.29	12.00	24.00	30.00
				5690	8.65	26.65	12.00	24.00	30.00

Note:

1. The duty cycle correction factor is added in the final test data
2. The antenna gain is 28dBi, 5250M to 5350MHz & 5470MHz to 5725MHz, so the actual antenna gain is 18dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices. Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;

So,

Directional gain =18dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz.

7.3 Maximum Power Spectral Density

Result ***Pass***

Test Specification	FCC part 15 Subpart E 15.407 (a) (2) RSS 247 Issue 3 Clause 6.2.2.1 & 6.2.3.1
Test Method	Subclause 12.5 of ANSI C63.10
Measurement Bandwidth	1 MHz
Detector	Average sample detector
Port of testing	Antenna port
Requirement for FCC & IC	Refer the limits Below

Limits:

For FCC 15.407(a):

For the 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

According to RSS 247 Issue 3 Clause 6.2

Frequency band: 5250MHz to 5350MHz

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or 1.76 + 10 log10B, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

Devices, other than devices installed in vehicles, shall comply with the following:

a) The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

b) The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

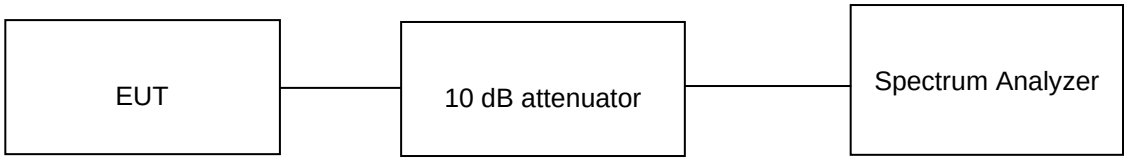
Frequency band: 5470MHz to 5600MHz and 5650MHz to 5725MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than

500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

Test Method:



The following procedure shall be used:

1. Set center frequency to the nominal EUT channel center frequency
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal
3. Set RBW = 1MHz (5.250-5.350 GHz band) & (5.470-5.725 GHz band)
4. Set VBW ≥ 3 × RBW
5. Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces and Compute power by integrating the spectrum across the EBW
10. Add 10 log (1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission)

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made as per section F in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results:

Note:
1. All the losses are included during measurement and final values are mentioned in the test report
2. Duty cycle correction factor is considered in Final Average power

Duty cycle Correction factor = 10*LOG (1/X) Where X is Duty Cycle

Note: Refer Attached Appendix for test Plots

Antenna Type & Antenna Gain: Omni Antenna & 12dBi

Bandwidth: 20MHz

Mode	Data rate	Channel Frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty correction Factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
a	6	5260	-13.15	-14.38	-14.95	-13.97	0.27	-7.77	-1.00
		5320	-13.35	-15.07	-15.52	-13.06	0.27	-7.83	-1.00
		5500	-14.12	-15.93	-14.45	-15.26	0.27	-8.59	-1.00
		5600	-13.40	-14.23	-15.00	-13.37	0.27	-7.66	-1.00
		5700	-15.02	-14.32	-13.40	-14.33	0.27	-7.94	-1.00
		5720	-14.12	-14.74	-13.59	-13.51	0.27	-7.67	-1.00
n	MCS0	5260	-11.80	-11.98	-11.56	-9.82	0.60	-4.58	-1.00
		5320	-11.19	-12.41	-12.54	-12.07	0.60	-5.40	-1.00
		5500	-11.84	-11.91	-10.70	-10.30	0.60	-4.51	-1.00
		5600	-9.43	-12.44	-10.20	-10.72	0.60	-3.94	-1.00
		5700	-10.38	-9.25	-12.24	-11.57	0.60	-4.09	-1.00
		5720	-9.66	-10.50	-11.80	-12.70	0.60	-4.39	-1.00
ac	MCS0	5260	-12.84	-13.57	-14.33	-12.35	0.59	-6.60	-1.00
		5320	-13.61	-13.31	-15.51	-13.07	0.59	-7.17	-1.00
		5500	-13.11	-12.58	-14.33	-15.36	0.59	-7.10	-1.00
		5600	-12.37	-14.77	-14.46	-12.89	0.59	-6.89	-1.00
		5700	-11.95	-13.16	-14.42	-13.88	0.59	-6.64	-1.00
		5720	-12.36	-12.29	-13.39	-12.77	0.59	-6.07	-1.00
ax	MCS0	5260	-9.26	-9.57	-11.83	-12.94	0.24	-4.38	-1.00
		5320	-9.87	-10.78	-11.80	-9.23	0.24	-4.05	-1.00
		5500	-12.02	-10.94	-12.40	-10.97	0.24	-5.27	-1.00
		5600	-9.87	-9.37	-10.64	-11.20	0.24	-3.95	-1.00
		5700	-9.68	-10.25	-11.86	-9.93	0.24	-4.09	-1.00
		5720	-9.31	-9.53	-11.06	-10.65	0.24	-3.82	-1.00

Bandwidth: 40MHz

Mode	Data rate	Channel Frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty correction Factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
n	MCS7	5270	-21.84	-23.32	-23.86	-22.82	0.58	-16.29	-1.00
		5310	-22.67	-24.35	-23.29	-22.83	0.58	-16.64	-1.00
		5510	-22.22	-22.82	-23.70	-24.49	0.58	-16.62	-1.00
		5670	-21.71	-24.88	-23.75	-22.76	0.58	-16.52	-1.00
		5710	-22.84	-22.20	-23.62	-22.83	0.58	-16.24	-1.00
ac	MCS0	5270	-22.54	-22.28	-22.75	-22.10	0.59	-15.80	-1.00
		5310	-21.48	-21.48	-24.62	-20.64	0.59	-15.21	-1.00
		5510	-22.77	-23.15	-23.61	-23.58	0.59	-16.65	-1.00
		5670	-19.77	-22.73	-23.82	-21.59	0.59	-15.10	-1.00
		5710	-22.29	-22.75	-23.28	-20.85	0.59	-15.58	-1.00
ax	MCS0	5270	-18.91	-18.13	-20.04	-19.01	0.59	-12.36	-1.00
		5310	-19.16	-19.29	-20.11	-19.24	0.59	-12.82	-1.00
		5510	-19.91	-19.48	-21.05	-20.93	0.59	-13.68	-1.00
		5670	-18.88	-19.08	-19.64	-20.14	0.59	-12.80	-1.00
		5710	-18.70	-18.56	-19.07	-19.58	0.59	-12.35	-1.00

Bandwidth: 80MHz

Mode	Data rate	Channel Frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty correction Factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
ac	MCS9	5290	-24.79	-23.74	-27.48	-24.76	0.60	-18.37	-1.00
		5530	-24.43	-24.79	-24.77	-22.83	0.60	-17.50	-1.00
		5690	-25.02	-24.55	-24.18	-22.75	0.60	-17.42	-1.00
ax	MCS11	5290	-21.94	-21.51	-24.20	-20.57	0.24	-15.60	-1.00
		5530	-20.09	-22.20	-21.52	-22.76	0.24	-15.26	-1.00
		5690	-19.25	-21.83	-23.18	-21.85	0.24	-15.02	-1.00

Note:

The Maximum Antenna Gain is 12dBi in 5GHz band. The device employed cycle delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911 D01. Multuple transmitter output v02r01, for PSD measurements on this devices.

Array Gain= $10\log(N_{ANT}/N_{SS})$ dB.

So, Directional Gain: 12dBi + 10*log(4/1) = 18dBi

For 5.8GHz Band. If Measurement bandwidth of maximum PSD is specified 1n 500kHz and 10log(500kHz/RBW) to the measured result where as RBW (< 500kHz) is the radio resolution Bandwidth of the spectrum analyser set during measurement.

Antenna Type & Antenna gain: Sector Antenna & 21dBi

Bandwidth: 20MHz

Mode	Data rate	Channel frequency (MHz)	Measured Chain-1 (dBm)	Measured Chain-2 (dBm)	Measured Chain-3 (dBm)	Measured Chain-4 (dBm)	Duty Correction Factor (dB)	Measured Total PSD (dBm)	Limit (dBm)
a	6Mbps	5260	-15.10	-13.45	-17.85	-15.71	0.27	-8.96	5.00
		5320	-15.75	-15.02	-16.02	-16.53	0.27	-9.50	5.00
		5500	-16.47	-16.91	-17.24	-18.05	0.27	-10.84	5.00
		5600	-14.52	-16.29	-15.49	-19.61	0.27	-9.82	5.00
		5700	-13.70	-15.51	-16.34	-19.20	0.27	-9.48	5.00
		5720	-14.98	-13.52	-14.99	-16.85	0.27	-8.64	5.00
n	MCS0	5260	-17.81	-19.05	-19.87	-22.13	0.60	-12.83	5.00
		5320	-21.52	-21.53	-19.72	-20.29	0.60	-14.07	5.00
		5500	-16.68	-23.63	-20.27	-21.21	0.60	-13.09	5.00
		5600	-22.03	-17.87	-20.01	-19.88	0.60	-13.08	5.00
		5700	-19.33	-19.06	-19.76	-23.30	0.60	-13.45	5.00
		5720	-17.97	-19.48	-20.60	-22.94	0.60	-13.27	5.00
ac	MCS0	5260	-20.02	-20.14	-20.83	-19.83	0.59	-13.58	5.00
		5320	-21.26	-19.07	-21.33	-20.45	0.59	-13.82	5.00
		5500	-20.24	-18.41	-23.87	-18.28	0.59	-13.09	5.00
		5600	-18.75	-20.85	-18.52	-21.22	0.59	-13.06	5.00
		5700	-16.94	-20.97	-24.76	-20.11	0.59	-13.25	5.00
		5720	-21.73	-20.32	-21.29	-23.08	0.59	-14.88	5.00
ax	MCS11	5260	-17.79	-45.94	-47.80	-64.34	0.24	-17.54	5.00
		5320	-18.48	-46.38	-45.75	-51.53	0.24	-18.22	5.00
		5500	-18.09	-48.00	-57.43	-55.66	0.24	-17.84	5.00
		5600	-15.88	-46.70	-61.99	-56.57	0.24	-15.64	5.00
		5700	-17.27	-45.14	-64.09	-58.67	0.24	-17.02	5.00
		5720	-17.15	-43.94	-64.35	-60.56	0.24	-16.90	5.00

Bandwidth: 40MHz

Mode	Data rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction Factor (dB)	Total PSD (dBm)	Limit (dBm)
n	MCS7	5270	-22.14	-21.59	-25.31	-22.75	0.58	-16.72	5.00
		5310	-23.78	-23.06	-23.70	-23.24	0.58	-17.41	5.00
		5510	-23.60	-24.67	-23.14	-24.82	0.58	-17.98	5.00
		5670	-21.95	-22.06	-25.08	-22.80	0.58	-16.79	5.00
		5710	-24.74	-24.33	-22.92	-24.09	0.58	-17.94	5.00
ac	MCS0	5270	-22.91	-24.20	-21.76	-21.05	0.59	-16.30	5.00
		5310	-24.97	-22.27	-24.26	-25.35	0.59	-18.02	5.00
		5510	-25.17	-21.40	-23.63	-20.57	0.59	-16.31	5.00
		5670	-22.49	-23.88	-27.37	-25.15	0.59	-18.35	5.00
		5710	-24.53	-22.81	-24.52	-23.10	0.59	-17.65	5.00
ax	MCS0	5270	-19.06	-18.81	-20.60	-19.72	0.59	-13.47	5.00
		5310	-19.91	-21.91	-20.19	-18.11	0.59	-13.80	5.00
		5510	-20.76	-21.19	-19.41	-19.70	0.59	-14.18	5.00
		5670	-17.62	-19.89	-18.65	-18.90	0.59	-12.67	5.00
		5710	-19.17	-18.25	-19.91	-20.46	0.59	-13.35	5.00

Bandwidth: 80MHz

Mode	Data rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction Factor (dB)	Total PSD (dBm)	Limit (dBm)
ac	MCS9	5290	-25.76	-26.04	-27.15	-25.64	0.60	-19.49	5.00
		5530	-23.33	-25.77	-25.21	-24.94	0.60	-18.09	5.00
		5690	-23.80	-24.04	-25.99	-27.51	0.60	-18.46	5.00
ax	MCS11	5290	-23.76	-23.65	-23.33	-23.43	0.24	-17.28	5.00
		5530	-21.34	-24.46	-23.27	-22.24	0.24	-16.41	5.00
		5690	-21.51	-22.69	-22.74	-22.23	0.24	-16.00	5.00

Note:

1. The duty cycle correction factor is added in the final test data
2. The antenna gain is 21dBi. 10dB Attenuator should be installed with this band for this antenna for the bands 5250MHz to 5350MHz & 5470MHz to 5725MHz, so the actual antenna gain is 11dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices
   Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;
   So,
   Directional gain =11dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz

Antenna Type & Antenna Gain: Panel Antenna & 28dBi

Bandwidth: 20MHz

Mode	Data rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction Factor (dB)	Measured Final PSD (dBm)	FCC/IC Limit (dBm)
a	6	5260	-20.22	-22.45	-23.11	-25.04	0.27	-16.34	-1.00
		5320	-21.01	-23.29	-22.12	-22.94	0.27	-16.23	-1.00
		5500	-20.75	-22.02	-21.85	-23.12	0.27	-15.83	-1.00
		5600	-21.66	-22.82	-22.60	-23.89	0.27	-16.65	-1.00
		5700	-20.50	-23.96	-21.73	-22.51	0.27	-15.98	-1.00
		5720	-20.20	-24.75	-23.22	-21.20	0.27	-15.98	-1.00
n	MCS0	5260	-25.05	-27.79	-27.32	-28.35	0.60	-20.91	-1.00
		5320	-24.36	-24.99	-25.22	-26.93	0.60	-19.26	-1.00
		5500	-25.98	-25.76	-25.70	-27.35	0.60	-20.13	-1.00
		5600	-24.40	-27.13	-26.37	-28.48	0.60	-20.32	-1.00
		5700	-24.18	-28.92	-26.54	-25.00	0.60	-19.80	-1.00
		5720	-23.73	-29.63	-25.20	-25.64	0.60	-19.56	-1.00
ac	MCS0	5260	-24.81	-27.96	-27.10	-26.60	0.59	-20.44	-1.00
		5320	-25.74	-24.21	-26.98	-26.12	0.59	-19.62	-1.00
		5500	-23.99	-26.02	-25.76	-26.66	0.59	-19.47	-1.00
		5600	-26.53	-26.39	-24.25	-27.63	0.59	-20.00	-1.00
		5700	-24.94	-26.93	-26.40	-26.87	0.59	-20.19	-1.00
		5720	-25.98	-29.22	-26.95	-27.51	0.59	-21.24	-1.00
ax	MCS11	5260	-22.09	-23.98	-23.56	-24.16	0.24	-17.35	-1.00
		5320	-22.39	-22.76	-24.41	-24.47	0.24	-17.39	-1.00
		5500	-21.62	-23.67	-21.89	-23.54	0.24	-16.56	-1.00
		5600	-22.82	-25.51	-21.40	-23.85	0.24	-17.12	-1.00
		5700	-21.30	-23.08	-24.52	-23.86	0.24	-16.99	-1.00
		5720	-20.86	-25.26	-22.81	-22.48	0.24	-16.56	-1.00

Bandwidth: 40MHz

Mode	Data rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction Factor (dB)	Measured Final PSD (dBm)	FCC/IC Limit (dBm)
n	MCS0	5270	-26.05	-27.73	-28.26	-32.22	0.58	-22.03	-1.00
		5310	-26.12	-27.18	-31.15	-32.21	0.58	-22.42	-1.00
		5510	-28.88	-28.86	-29.21	-29.12	0.58	-22.99	-1.00
		5670	-28.96	-30.96	-28.27	-30.39	0.58	-23.49	-1.00
		5710	-27.71	-28.77	-29.44	-30.22	0.58	-22.92	-1.00
ac	MCS9	5270	-27.69	-28.17	-28.88	-30.65	0.59	-22.69	-1.00
		5310	-28.24	-27.95	-28.91	-29.98	0.59	-22.68	-1.00
		5510	-27.89	-27.58	-28.14	-29.33	0.59	-22.17	-1.00
		5670	-27.8	-30.14	-29.98	-29.00	0.59	-23.11	-1.00
		5710	-25.65	-30.19	-27.76	-29.2	0.59	-21.83	-1.00
ax	MCS0	5270	-25.36	-27.17	-25.74	-27.57	0.59	-20.34	-1.00
		5310	-25.44	-25.38	-26.37	-28.13	0.59	-20.18	-1.00
		5510	-25.19	-26.25	-25.11	-28.95	0.59	-20.11	-1.00
		5670	-24.33	-26.04	-26.4	-26.97	0.59	-19.80	-1.00
		5710	-24.51	-27.44	-27.3	-24.56	0.59	-19.70	-1.00

Bandwidth: 80MHz

Mode	Data rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction Factor (dB)	Measured Final PSD (dBm)	FCC/IC Limit (dBm)
ac	MCS9	5290	-31.54	-31.37	-33.32	-33.37	0.24	-26.28	-1.00
		5530	-31.74	-31.89	-30.86	-32	0.24	-25.58	-1.00
		5690	-29.42	-34.24	-32.58	-31.92	0.24	-25.66	-1.00
ax	MCS11	5290	-27.09	-29.45	-29.51	-29.41	0.24	-22.47	-1.00
		5530	-29.29	-28.98	-27.88	-30.01	0.24	-22.71	-1.00
		5690	-26.52	-30.16	-29.37	-30.06	0.24	-22.49	-1.00

1. The duty cycle correction factor is added in the final test data
2. The antenna gain is 28dBi. 10dB Attenuator should be installed with this band for this antenna for the bands 5250MHz to 5350MHz & 5470MHz to 5725MHz, so the actual antenna gain is 18dBi, The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices
   Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;
   So,
   Directional gain =18dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz

Antenna Type & Antenna Gain: Integrated Panel Antenna & 19dBi

Bandwidth: 20MHz

Mode	Data Rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
a	6	5260	-12.31	-12.01	-11.41	-10.93	0.27	-5.34	-2.00
		5320	-10.88	-11.34	-11.79	-11.69	0.27	-5.12	-2.00
		5500	-11.57	-12.12	-10.62	-11.41	0.27	-5.11	-2.00
		5600	-10.88	-11.34	-11.03	-11.03	0.27	-4.78	-2.00
		5700	-11.14	-11.43	-11.20	-10.79	0.27	-4.84	-2.00
		5720	-10.13	-10.89	-11.13	-10.57	0.27	-4.37	-2.00
	54	5260	-12.99	-13.80	-13.54	-13.34	0.27	-7.12	-2.00
		5320	-12.88	-14.21	-13.08	-14.05	0.27	-7.23	-2.00
		5500	-13.53	-18.12	-14.12	-13.55	0.27	-8.19	-2.00
		5600	-12.93	-14.68	-13.75	-13.40	0.27	-7.35	-2.00
		5700	-12.83	-13.85	-13.70	-13.57	0.27	-7.18	-2.00
		5720	-12.80	-13.54	-13.15	-12.47	0.27	-6.68	-2.00
n	MCS0	5260	-11.48	-10.76	-12.47	-11.37	0.60	-4.86	-2.00
		5320	-11.94	-11.11	-15.71	-11.82	0.60	-5.71	-2.00
		5500	-11.12	-11.79	-12.46	-11.80	0.60	-5.15	-2.00
		5600	-12.23	-11.93	-11.73	-11.06	0.60	-5.10	-2.00
		5700	-11.78	-11.72	-11.94	-10.82	0.60	-4.92	-2.00
		5720	-11.75	-10.92	-11.64	-10.08	0.60	-4.42	-2.00
	MCS7	5260	-11.71	-11.97	-12.36	-11.56	0.60	-5.10	-2.00
		5320	-11.48	-11.67	-12.97	-11.91	0.60	-5.38	-2.00
		5500	-12.44	-11.92	-12.59	-11.73	0.60	-5.13	-2.00
		5600	-11.50	-11.86	-12.57	-11.53	0.60	-5.04	-2.00
		5700	-11.87	-12.94	-12.32	-11.22	0.60	-5.47	-2.00
		5720	-12.35	-11.26	-12.83	-10.81	0.60	-4.97	-2.00
ac	MCS0	5260	-11.09	-11.61	-12.19	-16.38	0.59	-5.79	-2.00
		5320	-11.59	-10.98	-11.67	-11.54	0.59	-4.83	-2.00
		5500	-10.92	-12.07	-11.93	-11.98	0.59	-5.09	-2.00
		5600	-10.85	-11.60	-11.44	-11.06	0.59	-4.62	-2.00
		5700	-12.06	-11.13	-12.27	-10.90	0.59	-4.94	-2.00
		5720	-11.70	-11.15	-12.35	-10.43	0.59	-4.74	-2.00
	MCS8	5260	-12.17	-11.92	-12.66	-11.92	0.59	-5.55	-2.00
		5320	-12.03	-11.64	-12.40	-11.59	0.59	-5.29	-2.00
		5500	-12.18	-12.16	-12.77	-11.76	0.59	-5.59	-2.00
		5600	-11.80	-12.06	-12.77	-11.75	0.59	-5.47	-2.00
		5700	-11.99	-11.64	-11.96	-11.32	0.59	-5.11	-2.00
		5720	-11.61	-10.94	-12.01	-10.51	0.59	-4.62	-2.00
ax	MCS0	5260	-11.66	-12.07	-12.04	-11.98	0.24	-5.67	-2.00
		5320	-11.89	-10.97	-12.02	-11.42	0.24	-5.29	-2.00
		5500	-11.24	-11.85	-11.94	-11.82	0.24	-5.44	-2.00
		5600	-11.72	-11.68	-11.73	-11.29	0.24	-5.34	-2.00
		5700	-11.77	-11.33	-12.24	-11.16	0.24	-5.34	-2.00
		5720	-11.86	-10.77	-11.54	-10.55	0.24	-4.89	-2.00
	MCS11	5260	-8.41	-8.70	-7.57	-11.03	0.24	-2.49	-2.00
		5320	-11.89	-10.98	-12.04	-11.20	0.24	-5.24	-2.00
		5500	-11.79	-11.53	-11.99	-11.59	0.24	-5.46	-2.00
		5600	-11.22	-11.69	-11.82	-11.27	0.24	-5.23	-2.00
		5700	-11.60	-11.07	-11.30	-10.63	0.24	-4.87	-2.00
		5720	-11.51	-10.67	-11.82	-11.04	0.24	-4.98	-2.00

Bandwidth: 40MHz

Mode	Data Rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
n	MCS0	5270	-14.66	-13.56	-13.79	-14.91	0.58	-7.59	-2.00
		5310	-14.52	-13.87	-14.30	-14.17	0.58	-7.61	-2.00
		5510	-14.73	-15.24	-14.76	-14.48	0.58	-8.19	-2.00
		5670	-14.33	-14.65	-14.30	-14.26	0.58	-7.78	-2.00
		5710	-14.30	-13.32	-13.59	-13.22	0.58	-6.99	-2.00
	MCS7	5270	-14.82	-14.36	-14.00	-14.69	0.58	-7.86	-2.00
		5310	-15.53	-14.35	-14.31	-14.52	0.58	-8.05	-2.00
		5510	-15.67	-14.99	-14.95	-14.66	0.58	-8.45	-2.00
		5670	-14.75	-14.98	-14.74	-14.59	0.58	-8.16	-2.00
		5710	-14.47	-13.70	-13.78	-13.52	0.58	-7.25	-2.00
ac	MCS0	5270	-14.81	-13.84	-14.14	-14.69	0.58	-7.75	-2.00
		5310	-14.87	-13.84	-13.95	-14.44	0.58	-7.66	-2.00
		5510	-14.50	-14.41	-14.90	-14.14	0.58	-7.88	-2.00
		5670	-14.25	-13.98	-14.60	-14.41	0.58	-7.70	-2.00
		5710	-14.41	-13.79	-13.57	-13.10	0.58	-7.09	-2.00
	MCS9	5270	-14.99	-14.54	-14.17	-15.02	0.58	-8.07	-2.00
		5310	-15.27	-14.42	-14.55	-14.87	0.58	-8.16	-2.00
		5510	-15.64	-14.71	-14.84	-14.56	0.58	-8.32	-2.00
		5670	-15.01	-15.06	-15.32	-14.12	0.58	-8.25	-2.00
		5710	-14.61	-13.37	-13.76	-13.43	0.58	-7.16	-2.00
ax	MCS0	5270	-14.65	-13.80	-13.69	-14.51	0.59	-7.53	-2.00
		5310	-14.89	-13.71	-14.33	-14.49	0.59	-7.72	-2.00
		5510	-14.70	-14.40	-15.02	-14.22	0.59	-7.96	-2.00
		5670	-13.82	-14.45	-14.62	-14.07	0.59	-7.62	-2.00
		5710	-14.43	-13.26	-13.60	-12.87	0.59	-6.89	-2.00
	MCS11	5270	-14.86	-13.57	-14.03	-14.77	0.59	-7.66	-2.00
		5310	-15.53	-13.83	-13.70	-14.37	0.59	-7.69	-2.00
		5510	-15.68	-14.47	-15.11	-14.63	0.59	-8.34	-2.00
		5670	-14.51	-14.99	-14.86	-14.86	0.59	-8.19	-2.00
		5710	-14.46	-14.06	-13.93	-13.31	0.59	-7.31	-2.00

Bandwidth: 80MHz

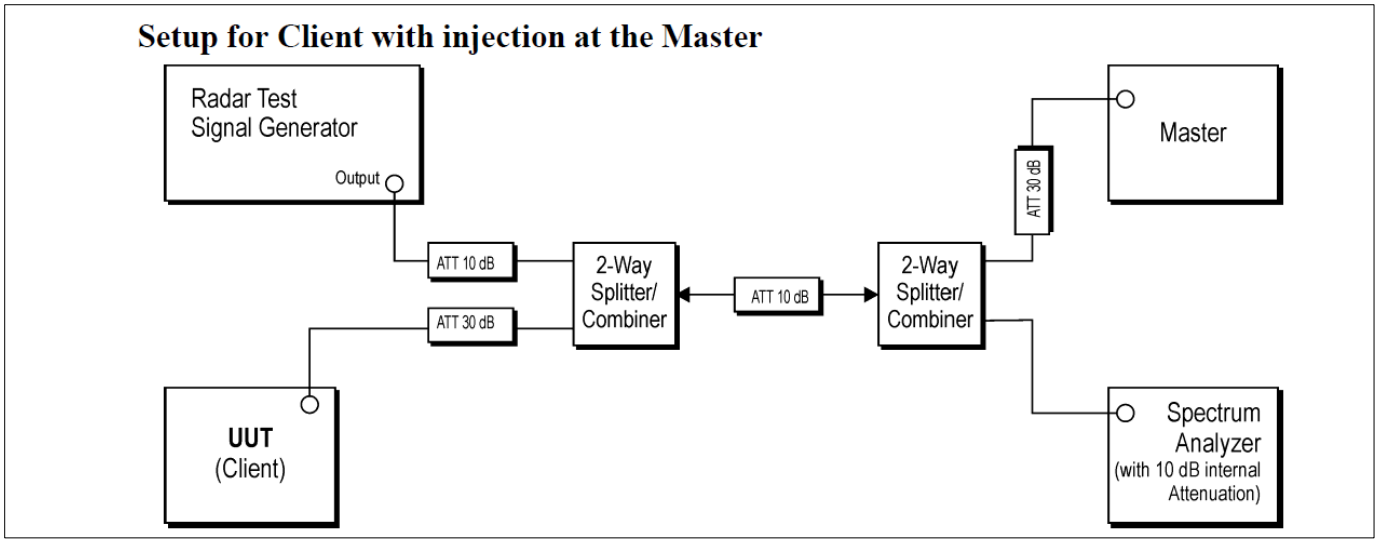
Mode	Data Rate	Channel frequency (MHz)	Measured PSD Chain-1 (dBm)	Measured PSD Chain-2 (dBm)	Measured PSD Chain-3 (dBm)	Measured PSD Chain-4 (dBm)	Duty Correction factor (dB)	Measured Final PSD (dBm)	Limit (dBm)
ac	MCS0	5210	-17.49	-17.68	-17.87	-18.34	0.24	-11.57	-2.00
		5530	-17.34	-18.20	-18.58	-17.42	0.24	-11.59	-2.00
		5690	-17.29	-17.13	-18.46	-16.92	0.24	-11.15	-2.00
	MCS9	5210	-17.47	-18.33	-19.00	-18.36	0.24	-11.99	-2.00
		5530	-17.86	-17.40	-18.92	-17.93	0.24	-11.73	-2.00
		5690	-17.47	-17.46	-18.06	-16.84	0.24	-11.18	-2.00
ax	MCS0	5210	-17.35	-17.40	-16.93	-17.63	0.24	-11.06	-2.00
		5530	-16.86	-17.16	-17.99	-17.17	0.24	-11.01	-2.00
		5690	-17.10	-16.82	-17.62	-16.04	0.24	-10.60	-2.00
	MCS 11	5210	-17.10	-17.98	-21.19	-17.35	0.24	-11.88	-2.00
		5530	-17.56	-17.32	-19.54	-17.50	0.24	-11.63	-2.00
		5690	-17.57	-17.17	-17.79	-16.90	0.24	-11.08	-2.00

1. The duty cycle correction factor is added in the final test data
2. The antenna gain is 19dBi. The device employed cyclic delay diversity (CDD) for 802.11 MIMO Transmitting per KDB 662911D01 Multiple transmitter output v02r01, for power measurements on IEEE 802.11 devices
   Array Gain =0dB (i.e., no array gain) for $N_{ANT} \leq 4$;
   So,
   Directional gain =19dBi for 5250MHz to 5350MHz & 5470MHz to 5725MHz

7.4 Dynamic Frequency Selection (DFS)

Result	***Pass***
Test Specification	15.407 (h) / RSS 247 Issue 3 Section 6.3
Test Method	FCC KDB Publication 905462 D02 & 905462 D03
Port of testing	Conducted method
UUT Type	Master
Requirement	1. Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW 2. Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands

Test Setup :



Limits :

Applicability of DFS Requirements Prior to Use of a Channel

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

Applicability of DFS requirements during normal operation

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

The operational behavior and individual DFS requirements that are associated with these modes are as follows: as per **KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02**

Additional requirements for devices with multiple bandwidth modes	**Master Device or Client with Radar Detection**	**Client Without Radar Detection**
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

5.1.1 Master Devices

a) The *Master Device* will use DFS in order to detect *Radar Waveforms* with received signal strength above the *DFS Detection Threshold* in the 5250 – 5350 MHz and 5470 – 5725 MHz bands. DFS is not required in the 5150 – 5250 MHz or 5725 – 5825 MHz bands.

b) Before initiating a network on a *Channel*, the *Master Device* will perform a *Channel Availability Check* for a specified time duration (*Channel Availability Check Time*) to ensure that there is no radar system operating on the *Channel*, using DFS described under subsection a) above.

c) The *Master Device* initiates a U-NII network by transmitting control signals that will enable other U-NII devices to *Associate* with the *Master Device*.

d) During normal operation, the *Master Device* will monitor the *Channel (In-Service Monitoring)* to ensure that there is no radar system operating on the *Channel*, using DFS described under a).

e) If the *Master Device* has detected a *Radar Waveform* during *In-Service Monitoring* as described under d), the *Operating Channel* of the U-NII network is no longer an *Available Channel*. The *Master Device* will instruct all associated *Client Device(s)* to stop transmitting on this *Channel* within the *Channel Move Time*. The transmissions during the *Channel Move Time* will be limited to the *Channel Closing Transmission Time*.

f) Once the *Master Device* has detected a *Radar Waveform* it will not utilize the *Channel* for the duration of the *Non-Occupancy Period*.[3]

g) If the *Master Device* delegates the *In-Service Monitoring* to a *Client Device*, then the combination will be tested to the requirements described under d) through f) above.

DFS Detection Thresholds

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

DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	**Value (See Notes 1, 2, and 3)**
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. **Note 2:** Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. **Note3:** EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

Response Requirements

provides the response requirements for *Master* and *Client Devices* incorporating DFS.

DFS Response Requirement Values

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

Note :

1. This UUT is classified as Master devic capabilities, hence Channel availability check time, Non Occupancy period (*Channel Move Time* and *Channel Closing Transmission Time), Detection bandwidth and Statistical performance check* are applicable.

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made following the guidelines of *905462 D02 UNII DFS Compliance.*

7.4.1 DFS Channel Availability check time

Test results:

Modulation 802.11ac VHT80

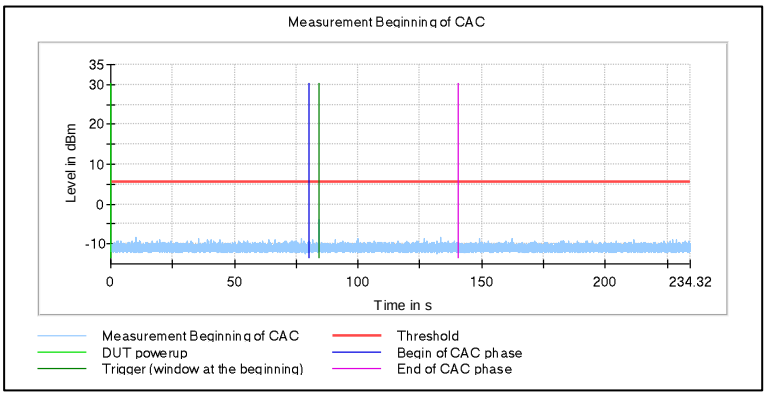
Measurement Summary

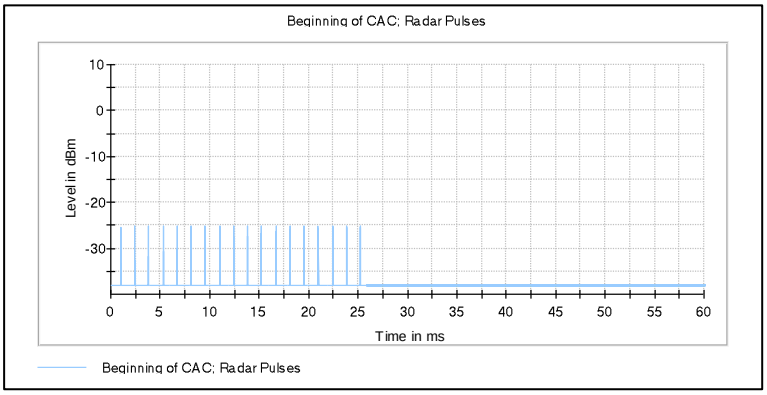
DUT Frequency (MHz)	Radar Waveform Filename used	CAC Type	Overall Result
5530.000000	FCC15407_2014-Type0-18.wv	Begin of CAC Phase	PASS
5530.000000	FCC15407_2014-Type0-18.wv	End of CAC Phase	PASS

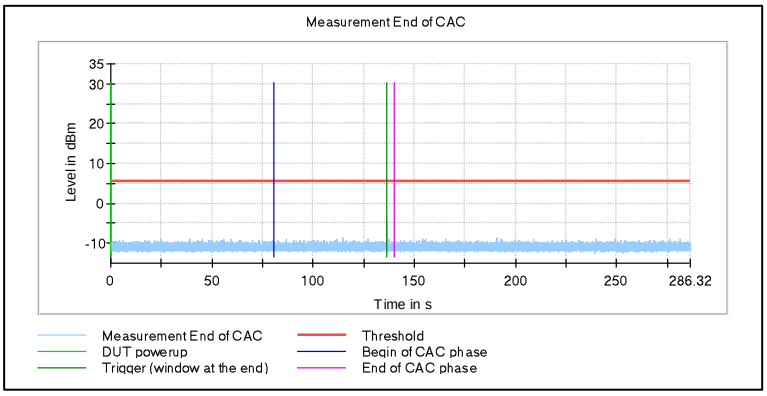
Measurement Detailed Results

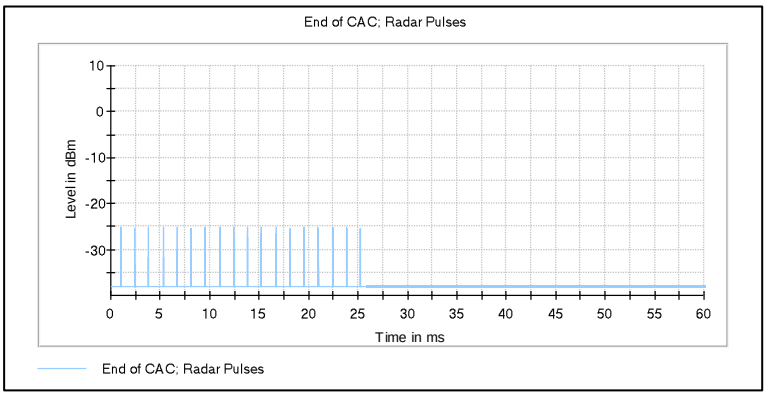
DUT Frequency (MHz)	Radar Type No.	CAC Type	Measured Startup time (s)
5530.000000	0	Begin of CAC Phase	140.315
5530.000000	0	Begin of CAC Phase	140.315
5530.000000	0	End of CAC Phase	140.315
5530.000000	0	End of CAC Phase	140.315

DUT Frequency (MHz)	Kind of Measurement	Time of Tx Start (s)	Limit (s)	Result
5530.000000	Before Radar Injection	0.000	0.00	PASS
5530.000000	After Radar Injection	>150.0	>150.0	PASS
5530.000000	Before Radar Injection	0.000	0.00	PASS
5530.000000	After Radar Injection	>150.0	>150.0	PASS






Measurement End of CAC
Level in dBm
35
30
20
10
0
-10
0
50
100
150
200
250
286.32
Time in s
Measurement End of CAC
DUT powerup
Trigger (window at the end)
Threshold
Begin of CAC phase
End of CAC phase


End of CAC; Radar Pulses
Level in dBm
10
0
-10
-20
-30
0
5
10
15
20
25
30
35
40
45
50
55
60
Time in ms
End of CAC; Radar Pulses

7.4.2 DFS Inservice Monitoring / Non-Occupancy Period

Test Results:

Modulation 802.11ac VHT80

Measurement Summary

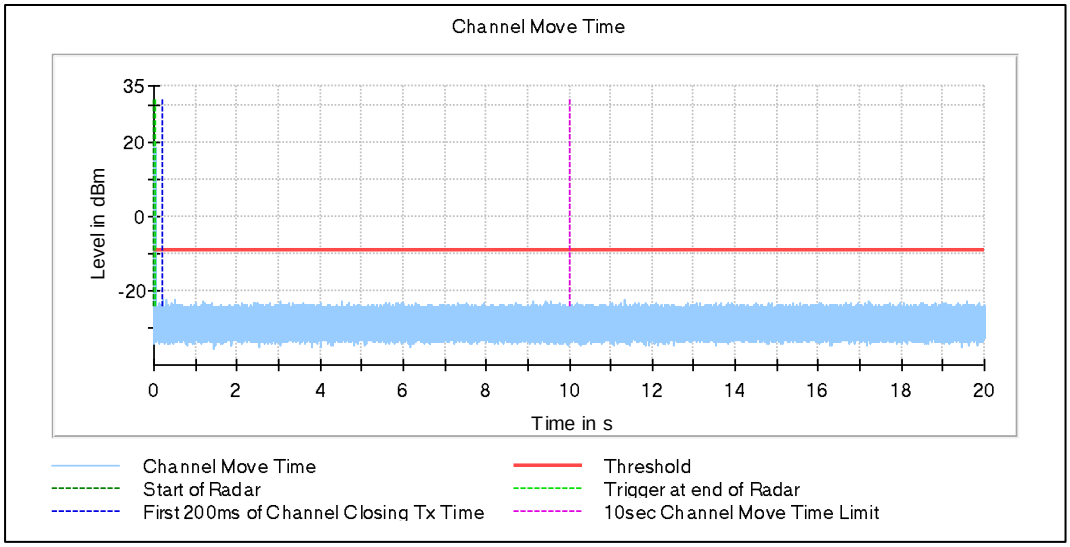
DUT Frequency (MHz)	Radar Type No.	Type of Measurement value	Overall Result
5530.000000	0	First of all Transmitt Test	---
5530.000000	0	Channel Move Time	PASS
5530.000000	0	Channel Closing Transmission Time	PASS
5530.000000	0	Non-occupancy period	PASS

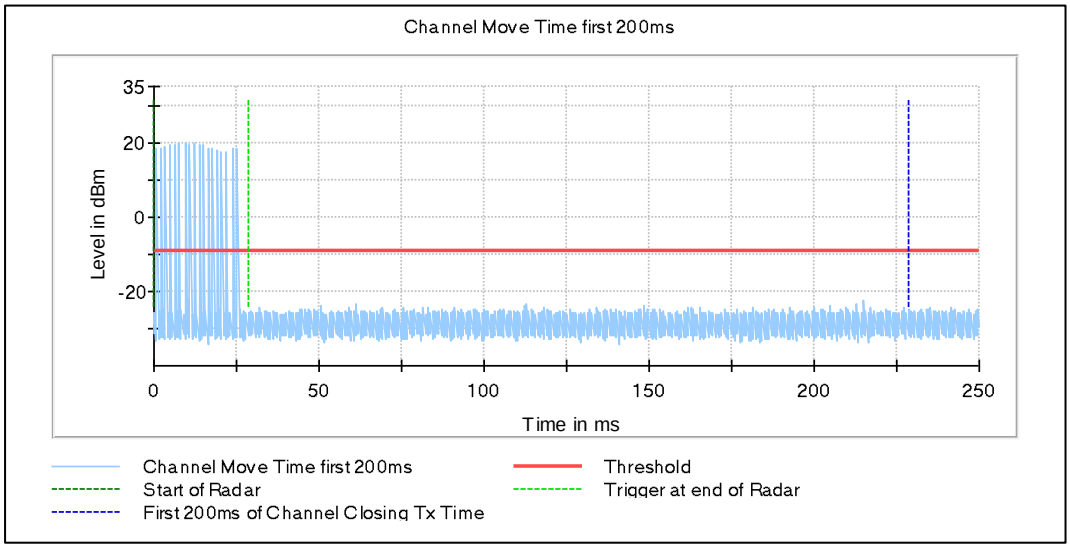
Channel Move Time Detailed Result

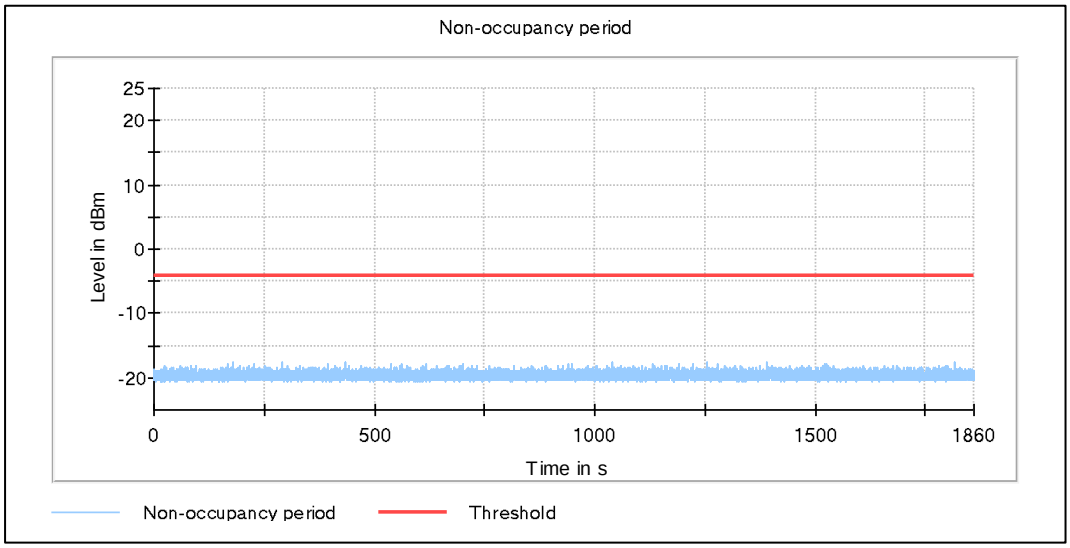
DUT Frequency (MHz)	Radar Type No.	CMT Tx Time (s)	CMT Limit (s)	CMT Result
5530.000000	0	0.798	10.000	PASS

Channel Closing Transmission Time Detailed Results

DUT Frequency (MHz)	Radar Type No.	CCTT Type of Value	CCTT No. of Pulses found	CCTT Tx Time (ms)
5530.000000	0	first 200 ms	4	1.172
5530.000000	0	remaining 10.0 second(s) period	6	3.044




Channel Move Time first 200ms
Level in dBm
35
20
0
-20
0
50
100
150
200
250
Time in ms
Channel Move Time first 200ms
Start of Radar
First 200ms of Channel Closing Tx Time
Threshold
Trigger at end of Radar


Non-occupancy period
Level in dBm
25
20
10
0
-10
-20
0
500
1000
1500
1860
Time in s
Non-occupancy period
Threshold

7.4.3 DFS Detection Bandwidth

Test Results:

Modulation 802.11ac VHT20

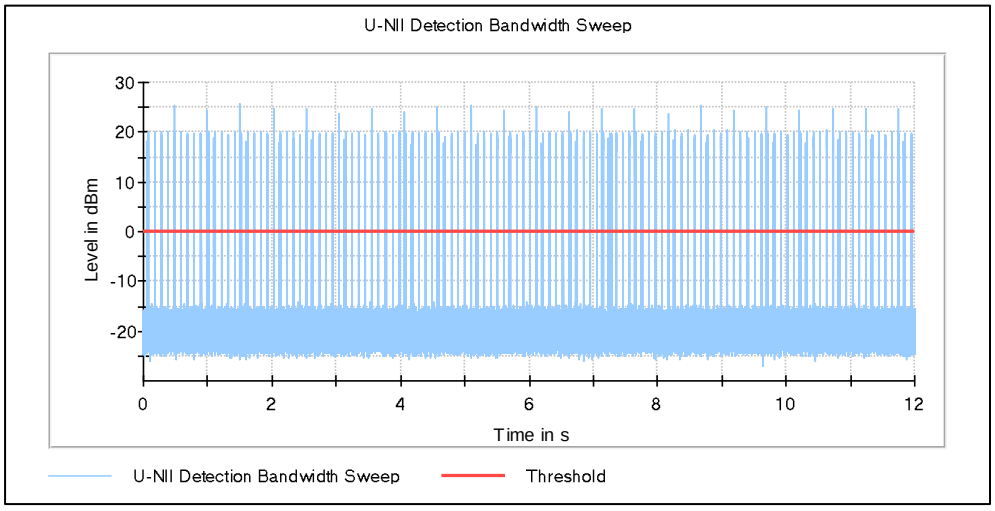
DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5500.000000	0	20MHz	16.400000	PASS

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	0 of 10	0 %	90 %	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	9 of 10	90 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	10 of 10	100 %	90%	PASS	
5510.000000	10 of 10	100 %	90%	PASS	Upper Limit
5511.000000	0 of 10	0 %	90%	FAIL	
5515.000000	0 of 10	0 %	90%	FAIL	

Modulation:

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5510.000000	0	40.000000	40.000000	PASS

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	1 of 10	10 %	90%	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	10 of 10	100 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	9 of 10	90 %	90%	PASS	
5510.000000	9 of 10	90 %	90%	PASS	
5515.000000	10 of 10	100 %	90%	PASS	
5520.000000	10 of 10	100 %	90%	PASS	
5525.000000	10 of 10	100 %	90%	PASS	
5530.000000	9 of 10	90 %	90%	PASS	Upper Limit
5531.000000	0 of 10	0 %	90%	FAIL	
5535.000000	1 of 10	10 %	90%	FAIL	

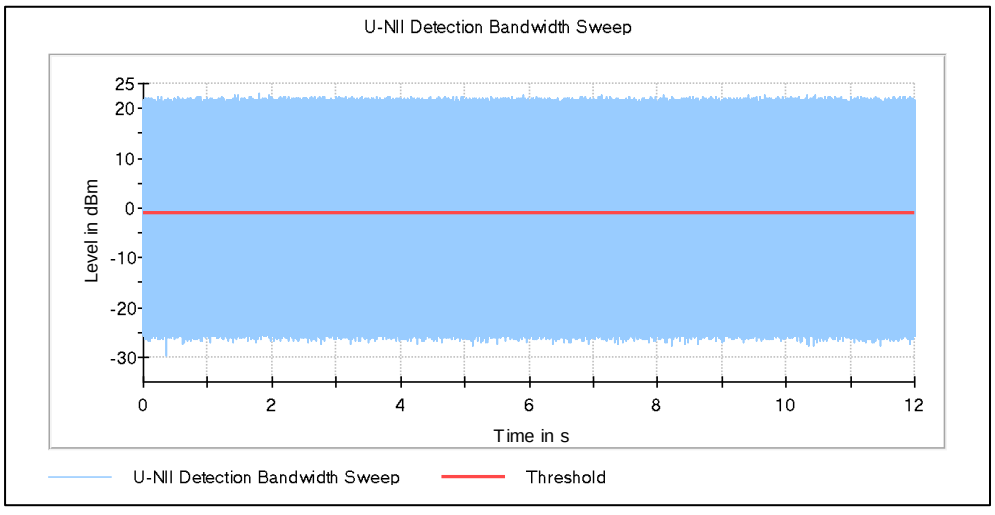


Modulation:

Test Results:

DUT Frequency (MHz)	Radar Type No.	Measured Detection Bandwidth (MHz)	99% Transmission power Bandwidth (MHz)	Overall Result
5530.000000	0	80.000000	78.500000	PASS

Check Frequency (MHz)	Detection count	Percentage of Detection	Minimum Limit	Single Measurement Result	Single Measurement Comment
5485.000000	0 of 10	0 %	90%	FAIL	
5489.000000	0 of 10	0 %	90%	FAIL	
5490.000000	10 of 10	100 %	90%	PASS	Lower Limit
5495.000000	10 of 10	100 %	90%	PASS	
5500.000000	10 of 10	100 %	90%	PASS	
5505.000000	10 of 10	100 %	90%	PASS	
5510.000000	10 of 10	100 %	90%	PASS	
5515.000000	10 of 10	100 %	90%	PASS	
5520.000000	9 of 10	90 %	90%	PASS	
5525.000000	10 of 10	100 %	90%	PASS	
5530.000000	9 of 10	90 %	90%	PASS	
5535.000000	9 of 10	90 %	90%	PASS	
5540.000000	10 of 10	100 %	90%	PASS	
5545.000000	10 of 10	100 %	90%	PASS	
5550.000000	10 of 10	100 %	90%	PASS	
5555.000000	10 of 10	100 %	90%	PASS	
5560.000000	10 of 10	100 %	90%	PASS	
5565.000000	10 of 10	100 %	90%	PASS	
5570.000000	10 of 10	100 %	90%	PASS	Upper Limit
5571.000000	0 of 10	0 %	90%	FAIL	
5575.000000	1 of 10	10 %	90%	FAIL	



7.4.4 Statistical Performace Check

Test Results:

Modulation:

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Detection count	Percentage of Detection Px	Detection Limit	Overall Result
5500.000000	1	27 of 30	90.00%	60.0 %	PASS
5500.000000	2	30 of 30	100.00%	60.0 %	PASS
5500.000000	3	30 of 30	100.00%	60.0 %	PASS
5500.000000	4	30 of 30	100.00%	60.0 %	PASS
5500.000000	5	30 of 30	100.00%	80.0 %	PASS
5500.000000	6	29 of 30	96.67%	70.0 %	PASS

Aggregate Results for Short Pulse Radar Type 1-4

Aggregate Calculation as follows	Aggregate Percentage	Aggregate Limit	Aggregate Result
(P1 + P2 + P3 + P4) / 4	97.50%	80.0 %	PASS

Detailed Results for Radar Type 1

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of P	Pulses Detected
1	40	1.000	2084.000	26	YES
2	7	1.000	638.000	83	YES
3	21	1.000	918.000	58	YES
4	25	1.000	620.000	86	YES
5	27	1.000	815.000	65	YES
6	37	1.000	1791.000	30	No
7	22	1.000	938.000	57	No
8	11	1.000	718.000	74	No
9	45	1.000	2572.000	21	YES
10	2	1.000	538.000	99	YES
11	5	1.000	598.000	89	YES
12	49	1.000	2962.000	18	YES
13	39	1.000	1986.000	27	YES
14	12	1.000	738.000	72	YES
15	43	1.000	2376.000	23	YES
16	34	1.000	1498.000	36	YES
17	28	1.000	912.000	58	YES
18	14	1.000	778.000	68	YES
19	16	1.000	818.000	65	YES
20	9	1.000	678.000	78	YES
21	35	1.000	1596.000	34	YES
22	47	1.000	2767.000	20	YES
23	50	1.000	3060.000	18	YES
24	48	1.000	2864.000	19	YES
25	13	1.000	758.000	70	YES
26	41	1.000	2181.000	25	YES
27	19	1.000	878.000	61	YES
28	18	1.000	858.000	62	YES
29	31	1.000	1205.000	44	YES
30	33	1.000	1400.000	38	YES

Detailed Results for Radar Type 2

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	32	3.700	222.000	26	YES
2	22	2.400	209.000	26	YES
3	30	4.200	173.000	25	YES
4	28	1.700	216.000	27	YES
5	16	3.600	194.000	26	YES
6	26	3.700	217.000	28	YES
7	14	4.800	175.000	24	YES
8	19	2.000	200.000	25	YES
9	13	2.200	193.000	24	YES
10	41	1.300	219.000	25	YES
11	50	4.100	158.000	25	YES
12	8	2.600	175.000	26	YES
13	47	3.400	213.000	27	YES
14	25	4.400	202.000	24	YES
15	18	2.000	153.000	24	YES
16	29	4.100	189.000	26	YES
17	33	2.100	228.000	28	YES
18	39	4.900	163.000	23	YES
19	5	3.500	226.000	26	YES
20	10	1.200	175.000	26	YES
21	45	3.200	227.000	29	YES
22	12	3.100	182.000	28	YES
23	23	3.800	187.000	28	YES
24	37	3.400	191.000	24	YES
25	21	3.600	193.000	28	YES
26	24	4.400	188.000	27	YES
27	15	2.200	180.000	29	YES
28	43	4.100	153.000	24	YES
29	31	4.000	154.000	28	YES
30	9	3.900	212.000	27	YES

Detailed Results for Radar Type 3

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	31	8.800	487.000	17	YES
2	4	8.300	462.000	17	YES
3	43	6.700	398.000	17	YES
4	47	9.800	250.000	17	YES
5	45	6.700	426.000	17	YES
6	37	7.500	217.000	17	YES
7	7	6.500	466.000	17	YES
8	15	8.100	436.000	17	YES
9	18	6.200	263.000	18	YES
10	32	8.700	356.000	18	YES
11	33	9.000	430.000	18	YES
12	49	6.500	288.000	18	YES
13	36	9.800	494.000	17	YES
14	20	8.200	272.000	18	YES
15	40	7.400	271.000	17	YES
16	25	9.600	458.000	17	YES
17	38	6.300	476.000	17	YES
18	16	8.900	340.000	16	YES
19	1	8.000	494.000	18	YES
20	6	7.500	429.000	17	YES
21	44	7.100	457.000	16	YES
22	2	7.500	211.000	17	YES
23	39	7.200	358.000	18	YES
24	35	7.300	200.000	18	YES
25	42	8.600	493.000	17	YES
26	30	8.400	309.000	17	YES
27	29	9.900	446.000	17	YES
28	8	7.000	358.000	17	YES
29	26	9.200	497.000	17	YES
30	46	8.500	349.000	17	YES

Detailed Results for Radar Type 4

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	8	14.100	283.000	15	YES
2	15	14.700	324.000	13	YES
3	25	16.600	282.000	16	YES
4	5	14.100	478.000	15	YES
5	44	17.900	458.000	14	YES
6	37	18.100	200.000	15	YES
7	42	18.500	208.000	14	YES
8	7	18.600	236.000	12	YES
9	27	15.600	303.000	13	YES
10	50	14.400	286.000	12	YES
11	6	18.500	499.000	13	YES
12	10	14.200	351.000	12	YES
13	36	12.500	413.000	14	YES
14	40	13.600	237.000	15	YES
15	31	14.400	266.000	14	YES
16	12	16.000	461.000	13	YES
17	21	11.700	483.000	16	YES
18	4	12.600	360.000	14	YES
19	46	15.300	488.000	14	YES
20	47	17.700	416.000	12	YES
21	17	17.100	308.000	15	YES
22	28	13.000	309.000	14	YES
23	23	18.300	265.000	14	YES
24	35	12.600	268.000	13	YES
25	29	17.300	287.000	16	YES
26	1	15.900	410.000	13	YES
27	9	13.300	254.000	14	YES
28	11	14.900	223.000	12	YES
29	22	17.800	420.000	13	YES
30	18	15.600	420.000	15	YES

Detailed Results for Radar Type 5

Trial Number	Random Trial used	Pulses Detected	Comment
1	49	YES	For detailed burst Data see separate table Type5_Trial1
2	29	YES	For detailed burst Data see separate table Type5_Trial2
3	26	YES	For detailed burst Data see separate table Type5_Trial3
4	9	YES	For detailed burst Data see separate table Type5_Trial4
5	39	YES	For detailed burst Data see separate table Type5_Trial5
6	21	YES	For detailed burst Data see separate table Type5_Trial6
7	1	YES	For detailed burst Data see separate table Type5_Trial7
8	25	YES	For detailed burst Data see separate table Type5_Trial8
9	36	YES	For detailed burst Data see separate table Type5_Trial9
10	12	YES	For detailed burst Data see separate table Type5_Trial10
11	37	YES	For detailed burst Data see separate table Type5_Trial11
12	45	YES	For detailed burst Data see separate table Type5_Trial12
13	33	YES	For detailed burst Data see separate table Type5_Trial13
14	38	YES	For detailed burst Data see separate table Type5_Trial14
15	2	YES	For detailed burst Data see separate table Type5_Trial15
16	30	YES	For detailed burst Data see separate table Type5_Trial16
17	19	YES	For detailed burst Data see separate table Type5_Trial17
18	44	YES	For detailed burst Data see separate table Type5_Trial18
19	10	YES	For detailed burst Data see separate table Type5_Trial19
20	32	YES	For detailed burst Data see separate table Type5_Trial20
21	6	YES	For detailed burst Data see separate table Type5_Trial21
22	17	YES	For detailed burst Data see separate table Type5_Trial22
23	41	YES	For detailed burst Data see separate table Type5_Trial23
24	23	YES	For detailed burst Data see separate table Type5_Trial24
25	11	YES	For detailed burst Data see separate table Type5_Trial25
26	28	YES	For detailed burst Data see separate table Type5_Trial26
27	43	YES	For detailed burst Data see separate table Type5_Trial27
28	46	YES	For detailed burst Data see separate table Type5_Trial28
29	31	YES	For detailed burst Data see separate table Type5_Trial29
30	16	YES	For detailed burst Data see separate table Type5_Trial30

Detailed Results for Radar Type 5_Trial 1

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.400	19.000000	1872.000	---	221.000
2	2	59.100	19.000000	1839.000	---	120.000
3	3	76.800	19.000000	1911.000	981.000	550.000
4	2	70.500	19.000000	1328.000	---	331.000
5	1	63.100	19.000000	---	---	681.000
6	3	59.900	19.000000	1048.000	1055.000	264.000
7	2	50.000	19.000000	1246.000	---	301.000
8	2	53.200	19.000000	993.000	---	222.000
9	1	80.500	19.000000	---	---	496.000
10	2	86.900	19.000000	1135.000	---	371.000
11	3	99.000	19.000000	1818.000	935.000	639.000
12	3	85.200	19.000000	1495.000	1079.000	633.000
13	3	68.700	19.000000	1289.000	1482.000	99.000
14	2	85.700	19.000000	1340.000	---	358.000
15	2	82.900	19.000000	1395.000	---	502.000
16	2	53.400	19.000000	1111.000	---	74.000
17	2	97.400	19.000000	1764.000	---	476.000

Detailed Results for Radar Type 5_Trial 2

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.400	20.000000	1666.000	---	613.000
2	3	99.600	20.000000	1128.000	1195.000	1083.000
3	3	95.100	20.000000	1506.000	1563.000	362.000
4	1	84.300	20.000000	---	---	319.000
5	3	88.900	20.000000	1568.000	1152.000	604.000
6	2	69.200	20.000000	995.000	---	451.000
7	2	81.400	20.000000	1689.000	---	791.000
8	2	88.500	20.000000	1286.000	---	359.000
9	3	70.600	20.000000	1189.000	1825.000	241.000
10	3	56.000	20.000000	1217.000	1783.000	317.000

Detailed Results for Radar Type 5_Trial 3

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	56.900	7.000000	1444.000	967.000	453.000
2	3	59.600	7.000000	1787.000	1144.000	206.000
3	3	95.100	7.000000	1708.000	1109.000	579.000
4	1	90.100	7.000000	---	---	554.000
5	1	81.600	7.000000	---	---	140.000
6	2	78.100	7.000000	1096.000	---	407.000
7	1	99.000	7.000000	---	---	350.000
8	3	81.300	7.000000	1461.000	1547.000	552.000
9	2	54.900	7.000000	1737.000	---	501.000
10	2	54.200	7.000000	1388.000	---	121.000
11	2	86.200	7.000000	971.000	---	397.000
12	2	79.100	7.000000	1117.000	---	318.000
13	2	55.200	7.000000	1399.000	---	427.000
14	1	57.800	7.000000	---	---	441.000
15	2	56.500	7.000000	1323.000	---	397.000
16	1	57.200	7.000000	---	---	435.000
17	2	71.400	7.000000	989.000	---	500.000
18	2	75.000	7.000000	1489.000	---	16.000
19	1	94.000	7.000000	---	---	44.000
20	3	72.700	7.000000	1153.000	1688.000	262.000

Detailed Results for Radar Type 5_Trial 4

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	70.500	17.000000	956.000	---	247.000
2	3	85.800	17.000000	1726.000	1051.000	659.000
3	2	67.600	17.000000	1910.000	---	383.000
4	2	97.900	17.000000	1794.000	---	123.000
5	3	55.000	17.000000	1798.000	1000.000	48.000
6	2	55.900	17.000000	1322.000	---	464.000
7	3	53.400	17.000000	1270.000	1431.000	347.000
8	2	88.300	17.000000	1417.000	---	544.000
9	2	95.600	17.000000	1228.000	---	453.000
10	2	70.400	17.000000	1039.000	---	291.000
11	2	53.000	17.000000	1860.000	---	689.000
12	1	80.600	17.000000	---	---	628.000
13	3	67.000	17.000000	1382.000	1724.000	487.000
14	2	67.300	17.000000	1895.000	---	682.000
15	2	63.100	17.000000	1171.000	---	343.000
16	2	79.400	17.000000	1369.000	---	186.000

Detailed Results for Radar Type 5_Trial 5

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	70.600	15.000000	---	---	302.000
2	1	74.700	15.000000	---	---	299.000
3	1	63.600	15.000000	---	---	82.000
4	2	52.100	15.000000	1812.000	---	536.000
5	1	97.500	15.000000	---	---	395.000
6	2	96.300	15.000000	1335.000	---	250.000
7	3	70.800	15.000000	1052.000	1243.000	462.000
8	3	59.600	15.000000	1059.000	1550.000	477.000
9	3	99.200	15.000000	1633.000	1572.000	254.000
10	1	53.300	15.000000	---	---	33.000
11	3	98.600	15.000000	1526.000	1428.000	564.000
12	3	89.300	15.000000	1017.000	1662.000	221.000
13	1	62.700	15.000000	---	---	248.000
14	2	70.400	15.000000	1855.000	---	232.000
15	3	61.400	15.000000	1444.000	1073.000	470.000
16	1	76.000	15.000000	---	---	441.000
17	2	90.800	15.000000	1164.000	---	195.000
18	3	65.200	15.000000	1246.000	1582.000	246.000
19	3	74.700	15.000000	928.000	1671.000	194.000
20	2	75.100	15.000000	989.000	---	83.000

Detailed Results for Radar Type 5_Trial 6

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	66.400	15.000000	1599.000	1875.000	190.000
2	1	73.600	15.000000	---	---	165.000
3	2	55.200	15.000000	1726.000	---	332.000
4	2	62.700	15.000000	1752.000	---	117.000
5	3	50.600	15.000000	1523.000	1052.000	572.000
6	2	57.800	15.000000	944.000	---	746.000
7	3	98.000	15.000000	1343.000	1215.000	147.000
8	2	82.800	15.000000	1182.000	---	30.000
9	2	62.900	15.000000	1549.000	---	395.000
10	2	50.700	15.000000	1196.000	---	333.000
11	3	69.200	15.000000	1106.000	1036.000	388.000
12	3	60.900	15.000000	1175.000	1183.000	612.000
13	2	78.500	15.000000	1908.000	---	125.000
14	2	67.800	15.000000	1667.000	---	502.000
15	2	58.000	15.000000	1869.000	---	224.000

Detailed Results for Radar Type 5_Trial 7

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	97.300	12.000000	1764.000	1049.000	85.000
2	1	83.400	12.000000	---	---	882.000
3	1	94.700	12.000000	---	---	903.000
4	2	60.100	12.000000	1023.000	---	878.000
5	2	54.600	12.000000	1385.000	---	1271.000
6	3	88.100	12.000000	1088.000	1048.000	932.000
7	3	90.200	12.000000	1799.000	1142.000	226.000
8	3	63.400	12.000000	1149.000	971.000	1426.000

Detailed Results for Radar Type 5_Trial 8

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.100	19.000000	1539.000	---	378.000
2	2	62.500	19.000000	1931.000	---	586.000
3	3	85.200	19.000000	1860.000	942.000	473.000
4	2	57.800	19.000000	1401.000	---	394.000
5	1	72.100	19.000000	---	---	254.000
6	1	92.700	19.000000	---	---	242.000
7	2	56.200	19.000000	1405.000	---	411.000
8	3	54.300	19.000000	1382.000	1712.000	591.000
9	3	88.200	19.000000	1026.000	1680.000	17.000
10	3	68.200	19.000000	1051.000	1804.000	269.000
11	2	91.600	19.000000	1080.000	---	315.000
12	2	94.700	19.000000	1056.000	---	501.000
13	2	60.900	19.000000	1566.000	---	227.000
14	2	57.700	19.000000	1345.000	---	332.000
15	2	80.500	19.000000	1002.000	---	131.000
16	1	78.700	19.000000	---	---	51.000
17	2	95.800	19.000000	1851.000	---	346.000
18	3	74.500	19.000000	1430.000	1097.000	108.000
19	3	65.700	19.000000	1155.000	1430.000	508.000

Detailed Results for Radar Type 5_Trial 9

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	74.800	8.000000	1894.000	---	41.000
2	2	95.100	8.000000	1815.000	---	443.000
3	1	95.500	8.000000	---	---	663.000
4	2	87.500	8.000000	1259.000	---	156.000
5	3	86.300	8.000000	947.000	1761.000	185.000
6	1	90.900	8.000000	---	---	246.000
7	2	51.800	8.000000	1879.000	---	166.000
8	1	92.100	8.000000	---	---	203.000
9	3	83.800	8.000000	1477.000	1851.000	570.000
10	1	51.500	8.000000	---	---	48.000
11	1	60.400	8.000000	---	---	1.000
12	3	95.800	8.000000	934.000	1424.000	382.000
13	2	79.200	8.000000	1808.000	---	537.000
14	3	79.500	8.000000	1300.000	1192.000	323.000
15	1	83.200	8.000000	---	---	343.000
16	2	98.800	8.000000	1791.000	---	560.000
17	2	50.800	8.000000	1866.000	---	659.000

Detailed Results for Radar Type 5_Trial 10

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	80.800	17.000000	1865.000	---	407.000
2	2	65.200	17.000000	1617.000	---	541.000
3	2	55.500	17.000000	1012.000	---	474.000
4	2	97.400	17.000000	1402.000	---	157.000
5	2	70.500	17.000000	1522.000	---	531.000
6	2	84.400	17.000000	1207.000	---	573.000
7	3	86.000	17.000000	1566.000	1277.000	121.000
8	2	76.800	17.000000	1481.000	---	136.000
9	2	87.400	17.000000	993.000	---	227.000
10	2	56.300	17.000000	1384.000	---	27.000
11	3	86.700	17.000000	920.000	1181.000	224.000
12	3	81.000	17.000000	959.000	1111.000	506.000
13	2	50.500	17.000000	1891.000	---	173.000
14	2	92.000	17.000000	1263.000	---	553.000
15	2	62.200	17.000000	1469.000	---	311.000
16	2	69.400	17.000000	1007.000	---	332.000
17	3	65.600	17.000000	1335.000	1823.000	519.000
18	2	70.300	17.000000	1590.000	---	96.000
19	3	78.100	17.000000	1361.000	1775.000	12.000

Detailed Results for Radar Type 5_Trial 11

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	84.500	5.000000	---	---	77.000
2	2	85.100	5.000000	1049.000	---	561.000
3	2	77.500	5.000000	1012.000	---	322.000
4	2	95.300	5.000000	1524.000	---	591.000
5	2	69.000	5.000000	1447.000	---	479.000
6	2	65.200	5.000000	1574.000	---	177.000
7	3	77.400	5.000000	1446.000	1628.000	4.000
8	2	58.000	5.000000	1737.000	---	631.000
9	3	58.500	5.000000	1714.000	1626.000	330.000
10	1	98.600	5.000000	---	---	508.000
11	1	73.900	5.000000	---	---	27.000
12	1	67.700	5.000000	---	---	157.000
13	1	99.000	5.000000	---	---	313.000
14	2	76.800	5.000000	1232.000	---	429.000
15	2	89.900	5.000000	1618.000	---	574.000
16	3	88.000	5.000000	1587.000	1221.000	326.000
17	1	55.100	5.000000	---	---	550.000
18	3	93.900	5.000000	930.000	1084.000	275.000

Detailed Results for Radar Type 5_Trial 12

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	52.400	9.000000	974.000	---	609.000
2	2	55.800	9.000000	1319.000	---	738.000
3	2	58.000	9.000000	1056.000	---	899.000
4	2	50.700	9.000000	975.000	---	575.000
5	1	54.600	9.000000	---	---	73.000
6	2	82.900	9.000000	1205.000	---	107.000
7	2	51.100	9.000000	991.000	---	451.000
8	2	94.700	9.000000	1862.000	---	331.000
9	2	65.500	9.000000	1034.000	---	871.000
10	2	62.000	9.000000	1226.000	---	12.000
11	3	65.600	9.000000	1015.000	1040.000	157.000
12	2	54.800	9.000000	1350.000	---	641.000
13	2	68.900	9.000000	1496.000	---	791.000

Detailed Results for Radar Type 5_Trial 13

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	59.500	11.000000	1738.000	---	660.000
2	1	57.000	11.000000	---	---	796.000
3	2	54.400	11.000000	1891.000	---	779.000
4	2	97.500	11.000000	1566.000	---	298.000
5	3	52.000	11.000000	1941.000	1472.000	201.000
6	1	62.500	11.000000	---	---	211.000
7	2	79.100	11.000000	1016.000	---	30.000
8	2	98.600	11.000000	927.000	---	485.000
9	2	52.900	11.000000	1814.000	---	328.000
10	2	64.600	11.000000	1644.000	---	339.000
11	3	75.300	11.000000	1710.000	1296.000	500.000
12	1	74.200	11.000000	---	---	451.000
13	1	58.400	11.000000	---	---	160.000
14	1	97.500	11.000000	---	---	573.000

Detailed Results for Radar Type 5_Trial 14

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	79.600	17.000000	1029.000	---	270.000
2	1	90.200	17.000000	---	---	580.000
3	3	66.100	17.000000	1312.000	1766.000	86.000
4	1	95.200	17.000000	---	---	92.000
5	2	76.300	17.000000	1238.000	---	368.000
6	2	75.800	17.000000	1106.000	---	165.000
7	3	50.700	17.000000	1312.000	1580.000	377.000
8	3	56.300	17.000000	1837.000	1154.000	323.000
9	3	56.100	17.000000	1061.000	1394.000	400.000
10	3	81.200	17.000000	1582.000	1379.000	405.000
11	2	89.700	17.000000	1845.000	---	506.000
12	1	97.800	17.000000	---	---	331.000
13	1	75.700	17.000000	---	---	430.000
14	3	50.200	17.000000	1237.000	1653.000	544.000
15	2	52.000	17.000000	1729.000	---	339.000
16	2	69.400	17.000000	1603.000	---	44.000
17	2	67.500	17.000000	1168.000	---	521.000
18	2	98.100	17.000000	958.000	---	384.000
19	3	63.600	17.000000	1260.000	1640.000	194.000

Detailed Results for Radar Type 5_Trial 15

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	66.900	16.000000	1927.000	---	308.000
2	3	68.300	16.000000	1068.000	1286.000	574.000
3	2	50.600	16.000000	1234.000	---	468.000
4	2	58.200	16.000000	1470.000	---	785.000
5	3	58.300	16.000000	1083.000	1021.000	1235.000
6	1	71.500	16.000000	---	---	91.000
7	1	67.400	16.000000	---	---	710.000
8	3	59.100	16.000000	1642.000	1231.000	561.000
9	2	66.000	16.000000	1446.000	---	628.000

Detailed Results for Radar Type 5_Trial 16

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.900	16.000000	1250.000	---	478.000
2	2	69.500	16.000000	1007.000	---	962.000
3	2	74.500	16.000000	1631.000	---	657.000
4	1	93.900	16.000000	---	---	564.000
5	2	55.400	16.000000	949.000	---	59.000
6	3	50.400	16.000000	1162.000	1396.000	565.000
7	1	68.600	16.000000	---	---	732.000
8	3	88.700	16.000000	1750.000	1835.000	872.000
9	2	54.900	16.000000	1869.000	---	32.000
10	3	51.000	16.000000	970.000	1344.000	750.000
11	3	86.500	16.000000	1599.000	1682.000	364.000

Detailed Results for Radar Type 5_Trial 17

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	80.100	9.000000	---	---	183.000
2	2	59.600	9.000000	946.000	---	473.000
3	2	89.000	9.000000	1573.000	---	426.000
4	2	68.300	9.000000	1801.000	---	366.000
5	1	89.400	9.000000	---	---	250.000
6	2	64.000	9.000000	958.000	---	447.000
7	2	82.200	9.000000	1272.000	---	585.000
8	2	67.300	9.000000	1688.000	---	134.000
9	2	52.500	9.000000	1696.000	---	264.000
10	2	84.100	9.000000	1133.000	---	335.000
11	2	53.000	9.000000	1374.000	---	890.000
12	2	62.000	9.000000	1636.000	---	526.000
13	3	96.100	9.000000	1660.000	1103.000	493.000

Detailed Results for Radar Type 5_Trial 18

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	75.600	14.000000	1717.000	1819.000	814.000
2	2	87.500	14.000000	1850.000	---	108.000
3	1	69.100	14.000000	---	---	310.000
4	2	55.800	14.000000	972.000	---	0.000
5	1	90.600	14.000000	---	---	277.000
6	2	87.800	14.000000	1808.000	---	20.000
7	1	74.000	14.000000	---	---	35.000
8	3	94.800	14.000000	1120.000	938.000	554.000
9	2	57.200	14.000000	1619.000	---	141.000
10	1	56.000	14.000000	---	---	595.000
11	2	99.500	14.000000	1143.000	---	262.000
12	2	66.500	14.000000	1675.000	---	557.000

Detailed Results for Radar Type 5_Trial 19

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	64.900	8.000000	1505.000	942.000	403.000
2	2	74.300	8.000000	1789.000	---	177.000
3	3	70.800	8.000000	1084.000	1077.000	477.000
4	2	89.800	8.000000	1727.000	---	39.000
5	2	93.800	8.000000	1220.000	---	581.000
6	3	71.300	8.000000	1699.000	1079.000	519.000
7	2	73.200	8.000000	1306.000	---	9.000
8	2	78.200	8.000000	1010.000	---	72.000
9	3	65.600	8.000000	1443.000	1201.000	152.000
10	2	80.300	8.000000	1521.000	---	187.000
11	1	53.000	8.000000	---	---	669.000
12	2	97.600	8.000000	1808.000	---	558.000
13	2	69.000	8.000000	1583.000	---	502.000
14	3	98.300	8.000000	1282.000	1548.000	356.000
15	3	58.000	8.000000	1058.000	1448.000	179.000
16	2	53.300	8.000000	993.000	---	253.000
17	2	78.600	8.000000	1265.000	---	413.000

Detailed Results for Radar Type 5_Trial 20

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	80.900	6.000000	---	---	565.000
2	3	55.800	6.000000	1708.000	1448.000	439.000
3	2	93.400	6.000000	985.000	---	706.000
4	2	83.200	6.000000	1912.000	---	758.000
5	3	59.100	6.000000	1594.000	1591.000	79.000
6	2	74.400	6.000000	939.000	---	107.000
7	3	85.400	6.000000	1733.000	1253.000	238.000
8	3	98.000	6.000000	1896.000	1606.000	373.000
9	1	92.100	6.000000	---	---	363.000
10	1	84.400	6.000000	---	---	227.000
11	2	67.400	6.000000	1272.000	---	646.000
12	3	92.000	6.000000	1831.000	1066.000	457.000
13	3	87.500	6.000000	1763.000	1055.000	22.000

Detailed Results for Radar Type 5_Trial 21

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	85.200	14.000000	---	---	99.000
2	3	59.000	14.000000	1887.000	1086.000	687.000
3	1	51.000	14.000000	---	---	381.000
4	2	84.800	14.000000	1906.000	---	520.000
5	3	83.200	14.000000	1466.000	1170.000	910.000
6	3	92.300	14.000000	977.000	1255.000	1.000
7	2	59.400	14.000000	1674.000	---	732.000
8	2	90.700	14.000000	1058.000	---	642.000
9	3	93.100	14.000000	961.000	934.000	359.000
10	3	74.900	14.000000	1673.000	1639.000	602.000
11	2	90.800	14.000000	1227.000	---	430.000
12	3	58.500	14.000000	1625.000	1374.000	10.000
13	1	57.700	14.000000	---	---	804.000

Detailed Results for Radar Type 5_Trial 22

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	93.100	11.000000	---	---	422.000
2	3	61.300	11.000000	1194.000	1086.000	738.000
3	3	57.000	11.000000	1918.000	1102.000	523.000
4	3	91.800	11.000000	1588.000	1798.000	874.000
5	3	88.600	11.000000	1491.000	1061.000	748.000
6	3	62.400	11.000000	1019.000	1144.000	525.000
7	3	88.000	11.000000	1259.000	1713.000	641.000
8	2	77.700	11.000000	1025.000	---	383.000
9	1	51.800	11.000000	---	---	554.000
10	1	55.900	11.000000	---	---	939.000
11	3	63.700	11.000000	1503.000	1789.000	182.000

Detailed Results for Radar Type 5_Trial 23

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.200	20.000000	1589.000	---	608.000
2	2	96.300	20.000000	1096.000	---	1107.000
3	2	65.100	20.000000	973.000	---	1251.000
4	3	82.700	20.000000	1229.000	1116.000	442.000
5	1	86.700	20.000000	---	---	528.000
6	1	50.500	20.000000	---	---	261.000
7	2	74.700	20.000000	1296.000	---	317.000
8	1	58.000	20.000000	---	---	131.000
9	3	82.600	20.000000	1463.000	985.000	1132.000

Detailed Results for Radar Type 5_Trial 24

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	51.000	9.000000	1731.000	---	259.000
2	2	69.300	9.000000	1762.000	---	617.000
3	1	94.600	9.000000	---	---	379.000
4	2	65.100	9.000000	1536.000	---	103.000
5	3	51.100	9.000000	1546.000	1400.000	650.000
6	2	86.100	9.000000	1619.000	---	221.000
7	1	80.000	9.000000	---	---	44.000
8	1	60.800	9.000000	---	---	384.000
9	3	56.200	9.000000	1627.000	1397.000	126.000
10	1	99.700	9.000000	---	---	20.000
11	1	84.000	9.000000	---	---	411.000
12	3	83.100	9.000000	1223.000	1586.000	232.000
13	1	50.900	9.000000	---	---	179.000
14	1	53.200	9.000000	---	---	48.000
15	2	71.800	9.000000	1079.000	---	692.000
16	2	66.300	9.000000	1893.000	---	503.000
17	2	51.200	9.000000	1362.000	---	455.000

Detailed Results for Radar Type 5_Trial 25

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	61.700	11.000000	1264.000	1572.000	640.000
2	3	82.600	11.000000	923.000	1387.000	439.000
3	2	74.800	11.000000	1230.000	---	16.000
4	2	77.700	11.000000	1544.000	---	613.000
5	1	80.400	11.000000	---	---	213.000
6	3	88.700	11.000000	1316.000	1461.000	568.000
7	3	78.100	11.000000	1065.000	1167.000	387.000
8	2	56.600	11.000000	1454.000	---	647.000
9	1	63.600	11.000000	---	---	285.000
10	2	73.100	11.000000	1369.000	---	189.000
11	2	67.900	11.000000	994.000	---	165.000
12	2	76.500	11.000000	1164.000	---	480.000
13	1	63.700	11.000000	---	---	28.000
14	2	70.100	11.000000	1823.000	---	516.000
15	2	90.400	11.000000	1694.000	---	561.000
16	2	87.700	11.000000	1528.000	---	420.000
17	3	77.700	11.000000	1339.000	1407.000	61.000
18	1	81.300	11.000000	---	---	67.000

Detailed Results for Radar Type 5_Trial 26

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.500	12.000000	1544.000	---	99.000
2	2	65.600	12.000000	1375.000	---	550.000
3	1	68.300	12.000000	---	---	550.000
4	3	50.300	12.000000	1878.000	1651.000	1131.000
5	3	51.700	12.000000	975.000	1518.000	102.000
6	3	57.200	12.000000	1700.000	1447.000	1041.000
7	2	98.400	12.000000	1637.000	---	130.000
8	3	58.900	12.000000	1602.000	1161.000	38.000
9	2	60.100	12.000000	984.000	---	333.000

Detailed Results for Radar Type 5_Trial 27

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	92.800	10.000000	1307.000	1195.000	177.000
2	2	69.200	10.000000	1264.000	---	1014.000
3	2	63.000	10.000000	1830.000	---	875.000
4	1	58.400	10.000000	---	---	470.000
5	2	74.900	10.000000	1531.000	---	184.000
6	2	76.000	10.000000	1488.000	---	679.000
7	2	50.500	10.000000	1360.000	---	296.000
8	1	82.500	10.000000	---	---	645.000
9	3	58.800	10.000000	1168.000	1620.000	345.000
10	2	70.900	10.000000	1468.000	---	205.000
11	1	72.700	10.000000	---	---	702.000

Detailed Results for Radar Type 5_Trial 28

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	52.300	11.000000	1799.000	1297.000	737.000
2	3	53.600	11.000000	1397.000	1860.000	189.000
3	1	59.200	11.000000	---	---	495.000
4	3	54.300	11.000000	1885.000	1319.000	152.000
5	1	75.600	11.000000	---	---	76.000
6	1	52.900	11.000000	---	---	190.000
7	1	97.700	11.000000	---	---	195.000
8	2	50.200	11.000000	1276.000	---	604.000
9	3	95.000	11.000000	1526.000	1582.000	267.000
10	3	77.500	11.000000	1494.000	1729.000	842.000
11	1	66.900	11.000000	---	---	144.000
12	2	96.100	11.000000	1441.000	---	435.000
13	3	62.500	11.000000	1037.000	1474.000	262.000
14	2	53.100	11.000000	1278.000	---	525.000

Detailed Results for Radar Type 5_Trial 29

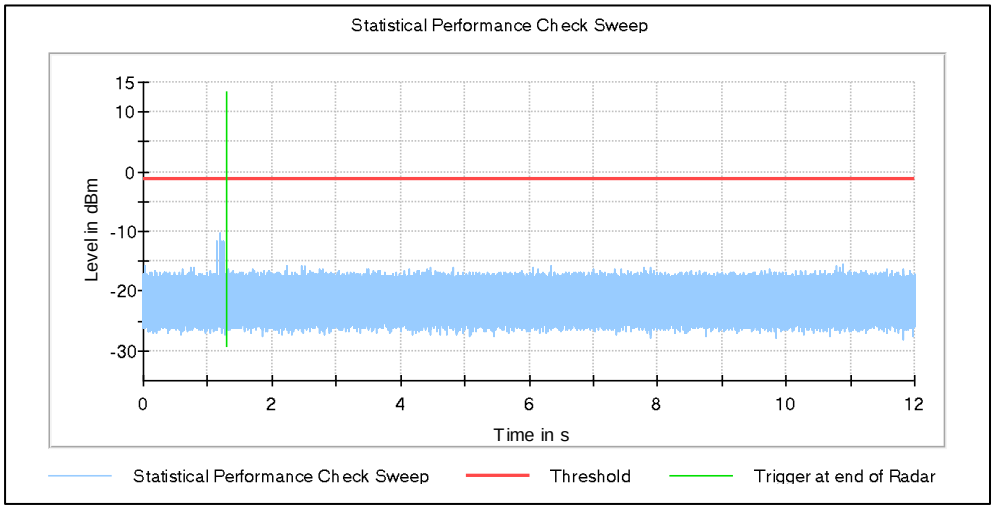
Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	78.100	10.000000	1102.000	---	160.000
2	2	51.400	10.000000	957.000	---	633.000
3	3	85.200	10.000000	1076.000	1386.000	363.000
4	1	96.300	10.000000	---	---	992.000
5	1	67.200	10.000000	---	---	751.000
6	3	68.900	10.000000	1284.000	1725.000	149.000
7	2	75.900	10.000000	958.000	---	690.000
8	2	87.000	10.000000	1715.000	---	512.000
9	1	88.500	10.000000	---	---	611.000
10	3	61.000	10.000000	1333.000	1179.000	361.000
11	1	57.000	10.000000	---	---	214.000
12	2	55.900	10.000000	1656.000	---	643.000

Detailed Results for Radar Type 5_Trial 30

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.400	13.000000	1343.000	1742.000	651.000
2	1	57.300	13.000000	---	---	857.000
3	1	61.900	13.000000	---	---	567.000
4	3	60.500	13.000000	1355.000	1499.000	847.000
5	1	62.000	13.000000	---	---	1014.000
6	2	94.800	13.000000	1584.000	---	512.000
7	1	64.300	13.000000	---	---	992.000
8	3	93.200	13.000000	1157.000	1861.000	285.000
9	3	56.000	13.000000	1813.000	1900.000	1189.000
10	2	79.100	13.000000	1234.000	---	1006.000

Detailed Results for Radar Type 6

Trial Number	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	1.000	300.000	9	YES
2	1.000	300.000	9	YES
3	1.000	300.000	9	YES
4	1.000	300.000	9	YES
5	1.000	300.000	9	YES
6	1.000	300.000	9	YES
7	1.000	300.000	9	YES
8	1.000	300.000	9	YES
9	1.000	300.000	9	YES
10	1.000	300.000	9	YES
11	1.000	300.000	9	YES
12	1.000	300.000	9	YES
13	1.000	300.000	9	No
14	1.000	300.000	9	YES
15	1.000	300.000	9	YES
16	1.000	300.000	9	YES
17	1.000	300.000	9	YES
18	1.000	300.000	9	YES
19	1.000	300.000	9	YES
20	1.000	300.000	9	YES
21	1.000	300.000	9	YES
22	1.000	300.000	9	YES
23	1.000	300.000	9	YES
24	1.000	300.000	9	YES
25	1.000	300.000	9	YES
26	1.000	300.000	9	YES
27	1.000	300.000	9	YES
28	1.000	300.000	9	YES
29	1.000	300.000	9	YES
30	1.000	300.000	9	YES



Modulation: 40MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Detection count	Percentage of Detection Px	Detection Limit	Overall Result	Overall Comment
5510.000000	1	28 of 30	93.33%	60.0 %	PASS	
5510.000000	2	29 of 30	96.67%	60.0 %	PASS	
5510.000000	3	30 of 30	100.00%	60.0 %	PASS	
5510.000000	4	28 of 30	93.33%	60.0 %	PASS	
5510.000000	5	29 of 30	96.67%	80.0 %	PASS	
5510.000000	6	30 of 30	100.00%	70.0 %	PASS	

Aggregate Results for Short Pulse Radar Type 1-4

Aggregate Calculation as follows	Aggregate Percentage	Aggregate Limit	Aggregate Result	Aggregate Comment
(P1 + P2 + P3 + P4) / 4	95.83%	80.0 %	PASS	

Detailed Results for Radar Type 1

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	7	1.000	638.000	83	YES
2	44	1.000	2474.000	22	YES
3	37	1.000	1791.000	30	YES
4	13	1.000	758.000	70	YES
5	46	1.000	2669.000	20	YES
6	23	1.000	3066.000	18	No
7	4	1.000	578.000	92	YES
8	27	1.000	815.000	65	YES
9	2	1.000	538.000	99	YES
10	30	1.000	1108.000	48	YES
11	11	1.000	718.000	74	YES
12	45	1.000	2572.000	21	YES
13	15	1.000	798.000	67	YES
14	8	1.000	658.000	81	YES
15	40	1.000	2084.000	26	YES
16	26	1.000	717.000	74	No
17	17	1.000	838.000	63	YES
18	43	1.000	2376.000	23	YES
19	10	1.000	698.000	76	YES
20	20	1.000	898.000	59	YES
21	25	1.000	620.000	86	YES
22	21	1.000	918.000	58	YES
23	12	1.000	738.000	72	YES
24	49	1.000	2962.000	18	YES
25	1	1.000	518.000	102	YES
26	35	1.000	1596.000	34	YES
27	39	1.000	1986.000	27	YES
28	24	1.000	522.000	102	YES
29	16	1.000	818.000	65	YES
30	9	1.000	678.000	78	YES

Detailed Results for Radar Type 2

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	20	1.200	185.00	25	YES
2	18	2.000	153.00	24	YES
3	5	3.500	226.00	26	YES
4	24	4.400	188.00	27	YES
5	9	3.900	212.00	27	YES
6	30	4.200	173.00	25	YES
7	8	2.600	175.00	26	YES
8	22	2.400	209.00	26	No
9	25	4.400	202.00	24	YES
10	46	3.000	191.00	28	YES
11	6	3.700	161.00	26	YES
12	12	3.100	182.00	28	YES
13	32	3.700	222.00	26	YES
14	38	2.000	180.00	25	YES
15	34	2.200	197.00	28	YES
16	40	3.600	230.00	27	YES
17	19	2.000	200.00	25	YES
18	2	4.500	191.00	23	YES
19	16	3.600	194.00	26	YES
20	47	3.400	213.00	27	YES
21	50	4.100	158.00	25	YES
22	29	4.100	189.00	26	YES
23	11	1.700	224.00	23	YES
24	27	2.700	199.00	29	YES
25	17	4.500	213.00	23	YES
26	49	1.800	159.00	25	YES
27	26	3.700	217.00	28	YES
28	31	4.000	154.00	28	YES
29	7	1.400	185.00	27	YES
30	36	3.200	200.00	28	YES

Detailed Results for Radar Type 3

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	33	9.000	430.000	18	YES
2	15	8.100	436.000	17	YES
3	43	6.700	398.000	17	YES
4	25	9.600	458.000	17	YES
5	24	6.000	378.000	17	YES
6	14	6.600	455.000	16	YES
7	45	6.700	426.000	17	YES
8	22	6.500	433.000	17	YES
9	18	6.200	263.000	18	YES
10	36	9.800	494.000	17	YES
11	3	9.500	297.000	16	YES
12	44	7.100	457.000	16	YES
13	41	7.700	467.000	16	YES
14	8	7.000	358.000	17	YES
15	10	9.800	206.000	17	YES
16	11	9.000	500.000	16	YES
17	26	9.200	497.000	17	YES
18	17	8.700	413.000	17	YES
19	7	6.500	466.000	17	YES
20	13	8.400	343.000	17	YES
21	4	8.300	462.000	17	YES
22	31	8.800	487.000	17	YES
23	28	9.800	316.000	17	YES
24	37	7.500	217.000	17	YES
25	12	8.000	463.000	17	YES
26	23	9.700	256.000	16	YES
27	29	9.900	446.000	17	YES
28	20	8.200	272.000	18	YES
29	48	9.000	448.000	18	YES
30	27	6.600	301.000	17	YES

Detailed Results for Radar Type 4

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	34	17.300	366.000	14	No
2	31	14.400	266.000	14	YES
3	5	14.100	478.000	15	YES
4	8	14.100	283.000	15	YES
5	18	15.600	420.000	15	YES
6	13	16.000	485.000	14	YES
7	50	14.400	286.000	12	YES
8	42	18.500	208.000	14	YES
9	7	18.600	236.000	12	YES
10	27	15.600	303.000	13	YES
11	12	16.000	461.000	13	No
12	25	16.600	282.000	16	YES
13	2	19.900	428.000	12	YES
14	26	18.900	299.000	16	YES
15	35	12.600	268.000	13	YES
16	10	14.200	351.000	12	YES
17	22	17.800	420.000	13	YES
18	11	14.900	223.000	12	YES
19	20	12.300	438.000	13	YES
20	4	12.600	360.000	14	YES
21	14	16.600	212.000	16	YES
22	32	12.600	293.000	15	YES
23	41	13.300	439.000	14	YES
24	3	13.600	398.000	15	YES
25	40	13.600	237.000	15	YES
26	45	16.700	419.000	16	YES
27	33	19.500	384.000	13	YES
28	23	18.300	265.000	14	YES
29	38	15.500	451.000	15	YES
30	39	12.400	217.000	14	YES

Detailed Results for Radar Type 5

Trial Number	Random Trial used	Pulses Detected	Comment
1	41	No	For detailed burst Data see separate table Type5_Trial1
2	47	YES	For detailed burst Data see separate table Type5_Trial2
3	38	YES	For detailed burst Data see separate table Type5_Trial3
4	25	YES	For detailed burst Data see separate table Type5_Trial4
5	30	YES	For detailed burst Data see separate table Type5_Trial5
6	4	YES	For detailed burst Data see separate table Type5_Trial6
7	33	YES	For detailed burst Data see separate table Type5_Trial7
8	44	YES	For detailed burst Data see separate table Type5_Trial8
9	13	YES	For detailed burst Data see separate table Type5_Trial9
10	23	YES	For detailed burst Data see separate table Type5_Trial10
11	12	YES	For detailed burst Data see separate table Type5_Trial11
12	43	YES	For detailed burst Data see separate table Type5_Trial12
13	2	YES	For detailed burst Data see separate table Type5_Trial13
14	28	YES	For detailed burst Data see separate table Type5_Trial14
15	50	YES	For detailed burst Data see separate table Type5_Trial15
16	36	YES	For detailed burst Data see separate table Type5_Trial16
17	18	YES	For detailed burst Data see separate table Type5_Trial17
18	10	YES	For detailed burst Data see separate table Type5_Trial18
19	26	YES	For detailed burst Data see separate table Type5_Trial19
20	14	YES	For detailed burst Data see separate table Type5_Trial20
21	20	YES	For detailed burst Data see separate table Type5_Trial21
22	5	YES	For detailed burst Data see separate table Type5_Trial22
23	3	YES	For detailed burst Data see separate table Type5_Trial23
24	37	YES	For detailed burst Data see separate table Type5_Trial24
25	8	YES	For detailed burst Data see separate table Type5_Trial25
26	45	YES	For detailed burst Data see separate table Type5_Trial26
27	11	YES	For detailed burst Data see separate table Type5_Trial27
28	34	YES	For detailed burst Data see separate table Type5_Trial28
29	49	YES	For detailed burst Data see separate table Type5_Trial29
30	7	YES	For detailed burst Data see separate table Type5_Trial30

Detailed Results for Radar Type 5_Trial 1

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.200	20.000000	1589.000	---	608.000
2	2	96.300	20.000000	1096.000	---	1107.000
3	2	65.100	20.000000	973.000	---	1251.000
4	3	82.700	20.000000	1229.000	1116.000	442.000
5	1	86.700	20.000000	---	---	528.000
6	1	50.500	20.000000	---	---	261.000
7	2	74.700	20.000000	1296.000	---	317.000
8	1	58.000	20.000000	---	---	131.000
9	3	82.600	20.000000	1463.000	985.000	1132.000

Detailed Results for Radar Type 5_Trial 2

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.000	16.000000	1731.000	1776.000	102.000
2	2	61.000	16.000000	988.000	---	570.000
3	1	59.900	16.000000	---	---	566.000
4	1	85.500	16.000000	---	---	213.000
5	3	94.800	16.000000	1100.000	1674.000	103.000
6	3	81.600	16.000000	979.000	1275.000	44.000
7	1	57.300	16.000000	---	---	498.000
8	2	93.800	16.000000	999.000	---	772.000
9	2	75.100	16.000000	1593.000	---	686.000
10	3	96.400	16.000000	1515.000	1372.000	320.000
11	2	59.600	16.000000	1224.000	---	9.000
12	2	69.600	16.000000	1553.000	---	192.000
13	1	84.300	16.000000	---	---	102.000
14	3	70.600	16.000000	1234.000	961.000	644.000
15	1	97.700	16.000000	---	---	436.000

Detailed Results for Radar Type 5_Trial 3

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	79.600	17.000000	1029.000	---	270.000
2	1	90.200	17.000000	---	---	580.000
3	3	66.100	17.000000	1312.000	1766.000	86.000
4	1	95.200	17.000000	---	---	92.000
5	2	76.300	17.000000	1238.000	---	368.000
6	2	75.800	17.000000	1106.000	---	165.000
7	3	50.700	17.000000	1312.000	1580.000	377.000
8	3	56.300	17.000000	1837.000	1154.000	323.000
9	3	56.100	17.000000	1061.000	1394.000	400.000
10	3	81.200	17.000000	1582.000	1379.000	405.000
11	2	89.700	17.000000	1845.000	---	506.000
12	1	97.800	17.000000	---	---	331.000
13	1	75.700	17.000000	---	---	430.000
14	3	50.200	17.000000	1237.000	1653.000	544.000
15	2	52.000	17.000000	1729.000	---	339.000
16	2	69.400	17.000000	1603.000	---	44.000
17	2	67.500	17.000000	1168.000	---	521.000
18	2	98.100	17.000000	958.000	---	384.000
19	3	63.600	17.000000	1260.000	1640.000	194.000

Detailed Results for Radar Type 5_Trial 4

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.100	19.000000	1539.000	---	378.000
2	2	62.500	19.000000	1931.000	---	586.000
3	3	85.200	19.000000	1860.000	942.000	473.000
4	2	57.800	19.000000	1401.000	---	394.000
5	1	72.100	19.000000	---	---	254.000
6	1	92.700	19.000000	---	---	242.000
7	2	56.200	19.000000	1405.000	---	411.000
8	3	54.300	19.000000	1382.000	1712.000	591.000
9	3	88.200	19.000000	1026.000	1680.000	17.000
10	3	68.200	19.000000	1051.000	1804.000	269.000
11	2	91.600	19.000000	1080.000	---	315.000
12	2	94.700	19.000000	1056.000	---	501.000
13	2	60.900	19.000000	1566.000	---	227.000
14	2	57.700	19.000000	1345.000	---	332.000
15	2	80.500	19.000000	1002.000	---	131.000
16	1	78.700	19.000000	---	---	51.000
17	2	95.800	19.000000	1851.000	---	346.000
18	3	74.500	19.000000	1430.000	1097.000	108.000
19	3	65.700	19.000000	1155.000	1430.000	508.000

Detailed Results for Radar Type 5_Trial 5

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.900	16.000000	1250.000	---	478.000
2	2	69.500	16.000000	1007.000	---	962.000
3	2	74.500	16.000000	1631.000	---	657.000
4	1	93.900	16.000000	---	---	564.000
5	2	55.400	16.000000	949.000	---	59.000
6	3	50.400	16.000000	1162.000	1396.000	565.000
7	1	68.600	16.000000	---	---	732.000
8	3	88.700	16.000000	1750.000	1835.000	872.000
9	2	54.900	16.000000	1869.000	---	32.000
10	3	51.000	16.000000	970.000	1344.000	750.000
11	3	86.500	16.000000	1599.000	1682.000	364.000

Detailed Results for Radar Type 5_Trial 6

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	64.600	15.000000	---	---	373.000
2	2	95.900	15.000000	1430.000	---	66.000
3	2	54.800	15.000000	1287.000	---	696.000
4	2	63.800	15.000000	1654.000	---	597.000
5	2	55.100	15.000000	1400.000	---	517.000
6	2	92.900	15.000000	1849.000	---	259.000
7	3	56.500	15.000000	1000.000	1682.000	660.000
8	1	61.700	15.000000	---	---	591.000
9	1	58.100	15.000000	---	---	474.000
10	2	95.400	15.000000	1214.000	---	1077.000
11	2	96.700	15.000000	1667.000	---	917.000

Detailed Results for Radar Type 5_Trial 7

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	59.500	11.000000	1738.000	---	660.000
2	1	57.000	11.000000	---	---	796.000
3	2	54.400	11.000000	1891.000	---	779.000
4	2	97.500	11.000000	1566.000	---	298.000
5	3	52.000	11.000000	1941.000	1472.000	201.000
6	1	62.500	11.000000	---	---	211.000
7	2	79.100	11.000000	1016.000	---	30.000
8	2	98.600	11.000000	927.000	---	485.000
9	2	52.900	11.000000	1814.000	---	328.000
10	2	64.600	11.000000	1644.000	---	339.000
11	3	75.300	11.000000	1710.000	1296.000	500.000
12	1	74.200	11.000000	---	---	451.000
13	1	58.400	11.000000	---	---	160.000
14	1	97.500	11.000000	---	---	573.000

Detailed Results for Radar Type 5_Trial 8

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	75.600	14.000000	1717.000	1819.000	814.000
2	2	87.500	14.000000	1850.000	---	108.000
3	1	69.100	14.000000	---	---	310.000
4	2	55.800	14.000000	972.000	---	0.000
5	1	90.600	14.000000	---	---	277.000
6	2	87.800	14.000000	1808.000	---	20.000
7	1	74.000	14.000000	---	---	35.000
8	3	94.800	14.000000	1120.000	938.000	554.000
9	2	57.200	14.000000	1619.000	---	141.000
10	1	56.000	14.000000	---	---	595.000
11	2	99.500	14.000000	1143.000	---	262.000
12	2	66.500	14.000000	1675.000	---	557.000

Detailed Results for Radar Type 5_Trial 9

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	51.100	19.000000	---	---	551.000
2	2	85.100	19.000000	1734.000	---	404.000
3	3	52.100	19.000000	1720.000	1874.000	512.000
4	1	74.000	19.000000	---	---	40.000
5	2	52.100	19.000000	1849.000	---	96.000
6	2	76.700	19.000000	1657.000	---	349.000
7	1	55.400	19.000000	---	---	91.000
8	3	81.200	19.000000	1796.000	1552.000	89.000
9	2	60.900	19.000000	1713.000	---	57.000
10	2	57.100	19.000000	1611.000	---	530.000
11	2	50.100	19.000000	1364.000	---	248.000
12	1	89.400	19.000000	---	---	296.000
13	3	64.500	19.000000	1437.000	1500.000	469.000
14	2	72.500	19.000000	1415.000	---	437.000
15	3	72.200	19.000000	1705.000	1577.000	554.000
16	2	87.800	19.000000	1175.000	---	48.000
17	2	91.300	19.000000	1613.000	---	537.000
18	2	65.400	19.000000	1307.000	---	194.000
19	1	56.300	19.000000	---	---	276.000
20	2	68.900	19.000000	1611.000	---	430.000

Detailed Results for Radar Type 5_Trial 10

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	51.000	9.000000	1731.000	---	259.000
2	2	69.300	9.000000	1762.000	---	617.000
3	1	94.600	9.000000	---	---	379.000
4	2	65.100	9.000000	1536.000	---	103.000
5	3	51.100	9.000000	1546.000	1400.000	650.000
6	2	86.100	9.000000	1619.000	---	221.000
7	1	80.000	9.000000	---	---	44.000
8	1	60.800	9.000000	---	---	384.000
9	3	56.200	9.000000	1627.000	1397.000	126.000
10	1	99.700	9.000000	---	---	20.000
11	1	84.000	9.000000	---	---	411.000
12	3	83.100	9.000000	1223.000	1586.000	232.000
13	1	50.900	9.000000	---	---	179.000
14	1	53.200	9.000000	---	---	48.000
15	2	71.800	9.000000	1079.000	---	692.000
16	2	66.300	9.000000	1893.000	---	503.000
17	2	51.200	9.000000	1362.000	---	455.000

Detailed Results for Radar Type 5_Trial 11

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	80.800	17.000000	1865.000	---	407.000
2	2	65.200	17.000000	1617.000	---	541.000
3	2	55.500	17.000000	1012.000	---	474.000
4	2	97.400	17.000000	1402.000	---	157.000
5	2	70.500	17.000000	1522.000	---	531.000
6	2	84.400	17.000000	1207.000	---	573.000
7	3	86.000	17.000000	1566.000	1277.000	121.000
8	2	76.800	17.000000	1481.000	---	136.000
9	2	87.400	17.000000	993.000	---	227.000
10	2	56.300	17.000000	1384.000	---	27.000
11	3	86.700	17.000000	920.000	1181.000	224.000
12	3	81.000	17.000000	959.000	1111.000	506.000
13	2	50.500	17.000000	1891.000	---	173.000
14	2	92.000	17.000000	1263.000	---	553.000
15	2	62.200	17.000000	1469.000	---	311.000
16	2	69.400	17.000000	1007.000	---	332.000
17	3	65.600	17.000000	1335.000	1823.000	519.000
18	2	70.300	17.000000	1590.000	---	96.000
19	3	78.100	17.000000	1361.000	1775.000	12.000

Detailed Results for Radar Type 5_Trial 12

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	92.800	10.000000	1307.000	1195.000	177.000
2	2	69.200	10.000000	1264.000	---	1014.000
3	2	63.000	10.000000	1830.000	---	875.000
4	1	58.400	10.000000	---	---	470.000
5	2	74.900	10.000000	1531.000	---	184.000
6	2	76.000	10.000000	1488.000	---	679.000
7	2	50.500	10.000000	1360.000	---	296.000
8	1	82.500	10.000000	---	---	645.000
9	3	58.800	10.000000	1168.000	1620.000	345.000
10	2	70.900	10.000000	1468.000	---	205.000
11	1	72.700	10.000000	---	---	702.000

Detailed Results for Radar Type 5_Trial 13

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	66.900	16.000000	1927.000	---	308.000
2	3	68.300	16.000000	1068.000	1286.000	574.000
3	2	50.600	16.000000	1234.000	---	468.000
4	2	58.200	16.000000	1470.000	---	785.000
5	3	58.300	16.000000	1083.000	1021.000	1235.000
6	1	71.500	16.000000	---	---	91.000
7	1	67.400	16.000000	---	---	710.000
8	3	59.100	16.000000	1642.000	1231.000	561.000
9	2	66.000	16.000000	1446.000	---	628.000

Detailed Results for Radar Type 5_Trial 14

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.500	12.000000	1544.000	---	99.000
2	2	65.600	12.000000	1375.000	---	550.000
3	1	68.300	12.000000	---	---	550.000
4	3	50.300	12.000000	1878.000	1651.000	1131.000
5	3	51.700	12.000000	975.000	1518.000	102.000
6	3	57.200	12.000000	1700.000	1447.000	1041.000
7	2	98.400	12.000000	1637.000	---	130.000
8	3	58.900	12.000000	1602.000	1161.000	38.000
9	2	60.100	12.000000	984.000	---	333.000

Detailed Results for Radar Type 5_Trial 15

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	63.100	5.000000	1767.000	---	49.000
2	2	54.000	5.000000	1907.000	---	76.000
3	1	74.000	5.000000	---	---	573.000
4	3	69.500	5.000000	1490.000	1185.000	440.000
5	2	62.300	5.000000	1013.000	---	645.000
6	2	52.800	5.000000	1682.000	---	178.000
7	2	90.100	5.000000	1367.000	---	171.000
8	1	86.200	5.000000	---	---	251.000
9	2	94.800	5.000000	908.000	---	307.000
10	2	66.500	5.000000	972.000	---	415.000
11	3	60.800	5.000000	1555.000	1769.000	440.000
12	2	69.200	5.000000	1364.000	---	408.000
13	2	82.600	5.000000	1077.000	---	86.000
14	3	89.600	5.000000	934.000	1096.000	215.000
15	2	87.700	5.000000	958.000	---	272.000
16	2	74.300	5.000000	1246.000	---	576.000
17	1	98.600	5.000000	---	---	262.000
18	3	82.600	5.000000	1172.000	1322.000	628.000

Detailed Results for Radar Type 5_Trial 16

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	74.800	8.000000	1894.000	---	41.000
2	2	95.100	8.000000	1815.000	---	443.000
3	1	95.500	8.000000	---	---	663.000
4	2	87.500	8.000000	1259.000	---	156.000
5	3	86.300	8.000000	947.000	1761.000	185.000
6	1	90.900	8.000000	---	---	246.000
7	2	51.800	8.000000	1879.000	---	166.000
8	1	92.100	8.000000	---	---	203.000
9	3	83.800	8.000000	1477.000	1851.000	570.000
10	1	51.500	8.000000	---	---	48.000
11	1	60.400	8.000000	---	---	1.000
12	3	95.800	8.000000	934.000	1424.000	382.000
13	2	79.200	8.000000	1808.000	---	537.000
14	3	79.500	8.000000	1300.000	1192.000	323.000
15	1	83.200	8.000000	---	---	343.000
16	2	98.800	8.000000	1791.000	---	560.000
17	2	50.800	8.000000	1866.000	---	659.000

Detailed Results for Radar Type 5_Trial 17

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	93.600	5.000000	---	---	12.000
2	3	75.700	5.000000	1082.000	1831.000	391.000
3	1	78.600	5.000000	---	---	945.000
4	3	97.800	5.000000	1410.000	1227.000	166.000
5	2	90.700	5.000000	1124.000	---	67.000
6	2	98.300	5.000000	1313.000	---	512.000
7	3	72.800	5.000000	1011.000	1020.000	645.000
8	3	73.700	5.000000	1726.000	1553.000	442.000
9	1	90.200	5.000000	---	---	22.000
10	1	62.700	5.000000	---	---	746.000
11	3	83.300	5.000000	1501.000	1874.000	837.000
12	3	80.000	5.000000	1591.000	1770.000	458.000

Detailed Results for Radar Type 5_Trial 18

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	64.900	8.000000	1505.000	942.000	403.000
2	2	74.300	8.000000	1789.000	---	177.000
3	3	70.800	8.000000	1084.000	1077.000	477.000
4	2	89.800	8.000000	1727.000	---	39.000
5	2	93.800	8.000000	1220.000	---	581.000
6	3	71.300	8.000000	1699.000	1079.000	519.000
7	2	73.200	8.000000	1306.000	---	9.000
8	2	78.200	8.000000	1010.000	---	72.000
9	3	65.600	8.000000	1443.000	1201.000	152.000
10	2	80.300	8.000000	1521.000	---	187.000
11	1	53.000	8.000000	---	---	669.000
12	2	97.600	8.000000	1808.000	---	558.000
13	2	69.000	8.000000	1583.000	---	502.000
14	3	98.300	8.000000	1282.000	1548.000	356.000
15	3	58.000	8.000000	1058.000	1448.000	179.000
16	2	53.300	8.000000	993.000	---	253.000
17	2	78.600	8.000000	1265.000	---	413.000

Detailed Results for Radar Type 5_Trial 19

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	56.900	7.000000	1444.000	967.000	453.000
2	3	59.600	7.000000	1787.000	1144.000	206.000
3	3	95.100	7.000000	1708.000	1109.000	579.000
4	1	90.100	7.000000	---	---	554.000
5	1	81.600	7.000000	---	---	140.000
6	2	78.100	7.000000	1096.000	---	407.000
7	1	99.000	7.000000	---	---	350.000
8	3	81.300	7.000000	1461.000	1547.000	552.000
9	2	54.900	7.000000	1737.000	---	501.000
10	2	54.200	7.000000	1388.000	---	121.000
11	2	86.200	7.000000	971.000	---	397.000
12	2	79.100	7.000000	1117.000	---	318.000
13	2	55.200	7.000000	1399.000	---	427.000
14	1	57.800	7.000000	---	---	441.000
15	2	56.500	7.000000	1323.000	---	397.000
16	1	57.200	7.000000	---	---	435.000
17	2	71.400	7.000000	989.000	---	500.000
18	2	75.000	7.000000	1489.000	---	16.000
19	1	94.000	7.000000	---	---	44.000
20	3	72.700	7.000000	1153.000	1688.000	262.000

Detailed Results for Radar Type 5_Trial 20

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	86.900	18.000000	1072.000	1743.000	270.000
2	3	81.200	18.000000	1473.000	1232.000	993.000
3	3	100.000	18.000000	1838.000	1883.000	1083.000
4	1	65.400	18.000000	---	---	815.000
5	3	80.200	18.000000	1355.000	1538.000	799.000
6	3	96.500	18.000000	1759.000	1784.000	72.000
7	3	80.300	18.000000	1386.000	1646.000	426.000
8	2	81.600	18.000000	1787.000	---	878.000

Detailed Results for Radar Type 5_Trial 21

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.000	7.000000	1220.000	---	20.000
2	3	88.500	7.000000	1376.000	1096.000	45.000
3	2	56.300	7.000000	1207.000	---	779.000
4	2	88.800	7.000000	1793.000	---	532.000
5	1	78.600	7.000000	---	---	577.000
6	2	82.300	7.000000	1534.000	---	549.000
7	1	71.700	7.000000	---	---	612.000
8	2	52.800	7.000000	1891.000	---	631.000
9	1	66.100	7.000000	---	---	166.000
10	2	72.800	7.000000	1460.000	---	381.000
11	2	82.900	7.000000	1293.000	---	451.000
12	3	72.300	7.000000	1224.000	1577.000	61.000
13	2	91.900	7.000000	1281.000	---	619.000
14	3	82.400	7.000000	1570.000	1469.000	99.000

Detailed Results for Radar Type 5_Trial 22

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	58.200	10.000000	1320.000	---	122.000
2	2	66.300	10.000000	1849.000	---	244.000
3	3	62.100	10.000000	1589.000	1390.000	229.000
4	2	74.300	10.000000	1184.000	---	976.000
5	1	58.600	10.000000	---	---	730.000
6	3	82.600	10.000000	1633.000	1513.000	669.000
7	1	73.100	10.000000	---	---	735.000
8	1	90.900	10.000000	---	---	645.000
9	3	66.300	10.000000	1563.000	1348.000	380.000
10	2	54.800	10.000000	1384.000	---	556.000
11	3	65.600	10.000000	1218.000	937.000	801.000
12	3	74.500	10.000000	958.000	1010.000	493.000

Detailed Results for Radar Type 5_Trial 23

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	54.600	13.000000	1482.000	---	997.000
2	3	58.000	13.000000	1111.000	999.000	712.000
3	3	63.400	13.000000	1268.000	1709.000	269.000
4	3	67.400	13.000000	1035.000	1498.000	377.000
5	3	70.200	13.000000	1122.000	999.000	381.000
6	1	92.500	13.000000	---	---	942.000
7	3	63.900	13.000000	1233.000	1239.000	49.000
8	1	67.700	13.000000	---	---	121.000
9	2	74.700	13.000000	1791.000	---	596.000
10	2	98.000	13.000000	1740.000	---	602.000

Detailed Results for Radar Type 5_Trial 24

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	84.500	5.000000	---	---	77.000
2	2	85.100	5.000000	1049.000	---	561.000
3	2	77.500	5.000000	1012.000	---	322.000
4	2	95.300	5.000000	1524.000	---	591.000
5	2	69.000	5.000000	1447.000	---	479.000
6	2	65.200	5.000000	1574.000	---	177.000
7	3	77.400	5.000000	1446.000	1628.000	4.000
8	2	58.000	5.000000	1737.000	---	631.000
9	3	58.500	5.000000	1714.000	1626.000	330.000
10	1	98.600	5.000000	---	---	508.000
11	1	73.900	5.000000	---	---	27.000
12	1	67.700	5.000000	---	---	157.000
13	1	99.000	5.000000	---	---	313.000
14	2	76.800	5.000000	1232.000	---	429.000
15	2	89.900	5.000000	1618.000	---	574.000
16	3	88.000	5.000000	1587.000	1221.000	326.000
17	1	55.100	5.000000	---	---	550.000
18	3	93.900	5.000000	930.000	1084.000	275.000

Detailed Results for Radar Type 5_Trial 25

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	93.000	5.000000	1554.000	1785.000	287.000
2	1	83.900	5.000000	---	---	719.000
3	1	58.600	5.000000	---	---	22.000
4	2	51.600	5.000000	1301.000	---	508.000
5	2	86.000	5.000000	971.000	---	394.000
6	2	52.400	5.000000	1014.000	---	126.000
7	2	81.600	5.000000	1650.000	---	756.000
8	2	73.500	5.000000	1428.000	---	653.000
9	1	58.900	5.000000	---	---	761.000
10	1	93.500	5.000000	---	---	118.000
11	2	90.600	5.000000	1774.000	---	108.000
12	2	58.400	5.000000	1448.000	---	740.000
13	2	89.100	5.000000	1406.000	---	689.000
14	2	73.900	5.000000	1071.000	---	160.000
15	1	61.700	5.000000	---	---	172.000

Detailed Results for Radar Type 5_Trial 26

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	52.400	9.000000	974.000	---	609.000
2	2	55.800	9.000000	1319.000	---	738.000
3	2	58.000	9.000000	1056.000	---	899.000
4	2	50.700	9.000000	975.000	---	575.000
5	1	54.600	9.000000	---	---	73.000
6	2	82.900	9.000000	1205.000	---	107.000
7	2	51.100	9.000000	991.000	---	451.000
8	2	94.700	9.000000	1862.000	---	331.000
9	2	65.500	9.000000	1034.000	---	871.000
10	2	62.000	9.000000	1226.000	---	12.000
11	3	65.600	9.000000	1015.000	1040.000	157.000
12	2	54.800	9.000000	1350.000	---	641.000
13	2	68.900	9.000000	1496.000	---	791.000

Detailed Results for Radar Type 5_Trial 27

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	61.700	11.000000	1264.000	1572.000	640.000
2	3	82.600	11.000000	923.000	1387.000	439.000
3	2	74.800	11.000000	1230.000	---	16.000
4	2	77.700	11.000000	1544.000	---	613.000
5	1	80.400	11.000000	---	---	213.000
6	3	88.700	11.000000	1316.000	1461.000	568.000
7	3	78.100	11.000000	1065.000	1167.000	387.000
8	2	56.600	11.000000	1454.000	---	647.000
9	1	63.600	11.000000	---	---	285.000
10	2	73.100	11.000000	1369.000	---	189.000
11	2	67.900	11.000000	994.000	---	165.000
12	2	76.500	11.000000	1164.000	---	480.000
13	1	63.700	11.000000	---	---	28.000
14	2	70.100	11.000000	1823.000	---	516.000
15	2	90.400	11.000000	1694.000	---	561.000
16	2	87.700	11.000000	1528.000	---	420.000
17	3	77.700	11.000000	1339.000	1407.000	61.000
18	1	81.300	11.000000	---	---	67.000

Detailed Results for Radar Type 5_Trial 28

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	68.600	13.000000	1614.000	---	278.000
2	3	78.700	13.000000	1230.000	1429.000	455.000
3	2	72.000	13.000000	1581.000	---	173.000
4	2	75.600	13.000000	977.000	---	212.000
5	2	65.500	13.000000	1725.000	---	589.000
6	2	55.000	13.000000	1600.000	---	3.000
7	1	57.000	13.000000	---	---	642.000
8	2	70.100	13.000000	1454.000	---	556.000
9	2	52.700	13.000000	1212.000	---	448.000
10	3	61.200	13.000000	1845.000	1035.000	543.000
11	2	98.000	13.000000	1740.000	---	298.000
12	2	56.300	13.000000	1488.000	---	3.000
13	3	74.200	13.000000	1454.000	1697.000	589.000
14	1	91.600	13.000000	---	---	282.000
15	3	70.600	13.000000	1578.000	1218.000	414.000

Detailed Results for Radar Type 5_Trial 29

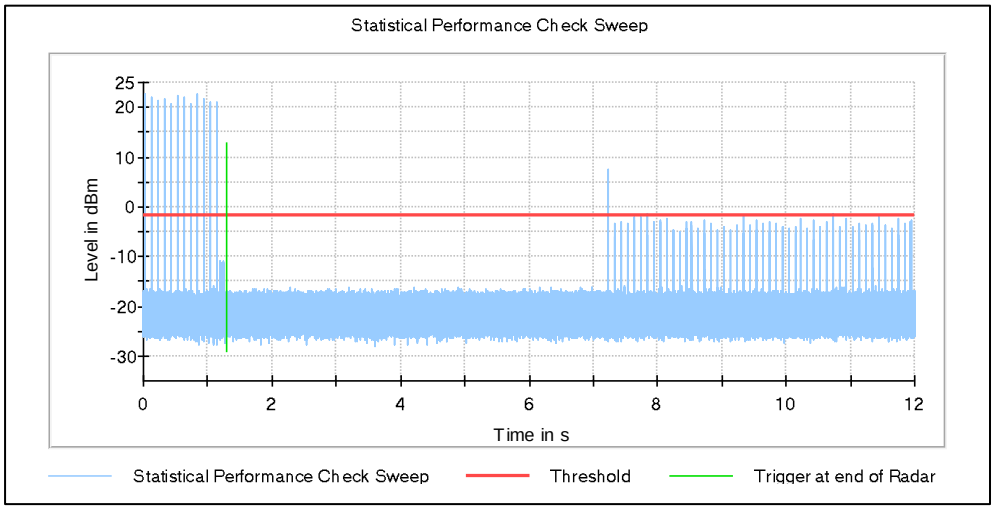
Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.400	19.000000	1872.000	---	221.000
2	2	59.100	19.000000	1839.000	---	120.000
3	3	76.800	19.000000	1911.000	981.000	550.000
4	2	70.500	19.000000	1328.000	---	331.000
5	1	63.100	19.000000	---	---	681.000
6	3	59.900	19.000000	1048.000	1055.000	264.000
7	2	50.000	19.000000	1246.000	---	301.000
8	2	53.200	19.000000	993.000	---	222.000
9	1	80.500	19.000000	---	---	496.000
10	2	86.900	19.000000	1135.000	---	371.000
11	3	99.000	19.000000	1818.000	935.000	639.000
12	3	85.200	19.000000	1495.000	1079.000	633.000
13	3	68.700	19.000000	1289.000	1482.000	99.000
14	2	85.700	19.000000	1340.000	---	358.000
15	2	82.900	19.000000	1395.000	---	502.000
16	2	53.400	19.000000	1111.000	---	74.000
17	2	97.400	19.000000	1764.000	---	476.000

Detailed Results for Radar Type 5_Trial 30

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	76.300	6.000000	1673.000	1870.000	757.000
2	1	85.600	6.000000	---	---	712.000
3	2	87.400	6.000000	1495.000	---	427.000
4	2	67.800	6.000000	1430.000	---	153.000
5	1	80.900	6.000000	---	---	197.000
6	1	80.300	6.000000	---	---	160.000
7	3	86.500	6.000000	1329.000	1212.000	509.000
8	1	96.300	6.000000	---	---	828.000
9	1	80.800	6.000000	---	---	306.000
10	2	74.900	6.000000	1636.000	---	609.000
11	3	60.400	6.000000	1278.000	1394.000	269.000
12	3	57.300	6.000000	1719.000	999.000	826.000
13	2	64.800	6.000000	1378.000	---	41.000
14	2	66.600	6.000000	933.000	---	631.000

Detailed Results for Radar Type 6

Trial Number	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	1.000	300.000	9	YES
2	1.000	300.000	9	YES
3	1.000	300.000	9	YES
4	1.000	300.000	9	YES
5	1.000	300.000	9	YES
6	1.000	300.000	9	YES
7	1.000	300.000	9	YES
8	1.000	300.000	9	YES
9	1.000	300.000	9	YES
10	1.000	300.000	9	YES
11	1.000	300.000	9	YES
12	1.000	300.000	9	YES
13	1.000	300.000	9	YES
14	1.000	300.000	9	YES
15	1.000	300.000	9	YES
16	1.000	300.000	9	YES
17	1.000	300.000	9	YES
18	1.000	300.000	9	YES
19	1.000	300.000	9	YES
20	1.000	300.000	9	YES
21	1.000	300.000	9	YES
22	1.000	300.000	9	YES
23	1.000	300.000	9	YES
24	1.000	300.000	9	YES
25	1.000	300.000	9	YES
26	1.000	300.000	9	YES
27	1.000	300.000	9	YES
28	1.000	300.000	9	YES
29	1.000	300.000	9	YES
30	1.000	300.000	9	YES



Modulation: 80MHz

Measurement Summary

DUT Frequency (MHz)	Radar Type No.	Detection count	Percentage of Detection Px	Detection Limit	Overall Result
5530.000000	1	29 of 30	96.67%	60.0 %	PASS
5530.000000	2	30 of 30	100.00%	60.0 %	PASS
5530.000000	3	30 of 30	100.00%	60.0 %	PASS
5530.000000	4	30 of 30	100.00%	60.0 %	PASS
5530.000000	5	26 of 30	86.67%	80.0 %	PASS
5530.000000	6	30 of 30	100.00%	70.0 %	PASS

Aggregate Results for Short Pulse Radar Type 1-4

Aggregate Calculation as follows	Aggregate Percentage	Aggregate Limit	Aggregate Result
(P1 + P2 + P3 + P4) / 4	99.17%	80.0 %	PASS

Detailed Results for Radar Type 1

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	49	1.000	2962.000	18	YES
2	10	1.000	698.000	76	YES
3	20	1.000	898.000	59	YES
4	28	1.000	912.000	58	YES
5	29	1.000	1010.000	53	YES
6	22	1.000	938.000	57	YES
7	12	1.000	738.000	72	YES
8	11	1.000	718.000	74	No
9	38	1.000	1888.000	28	YES
10	5	1.000	598.000	89	YES
11	37	1.000	1791.000	30	YES
12	25	1.000	620.000	86	YES
13	6	1.000	618.000	86	YES
14	23	1.000	3066.000	18	YES
15	24	1.000	522.000	102	YES
16	15	1.000	798.000	67	YES
17	48	1.000	2864.000	19	YES
18	39	1.000	1986.000	27	YES
19	50	1.000	3060.000	18	YES
20	13	1.000	758.000	70	YES
21	8	1.000	658.000	81	YES
22	45	1.000	2572.000	21	YES
23	21	1.000	918.000	58	YES
24	19	1.000	878.000	61	YES
25	35	1.000	1596.000	34	YES
26	2	1.000	538.000	99	YES
27	4	1.000	578.000	92	YES
28	14	1.000	778.000	68	YES
29	40	1.000	2084.000	26	YES
30	30	1.000	1108.000	48	YES

Detailed Results for Radar Type 2

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	6	3.700	161.000	26	YES
2	44	3.500	167.000	29	YES
3	9	3.900	212.000	27	YES
4	1	3.400	168.000	25	YES
5	33	2.100	228.000	28	YES
6	24	4.400	188.000	27	YES
7	16	3.600	194.000	26	YES
8	29	4.100	189.000	26	YES
9	8	2.600	175.000	26	YES
10	25	4.400	202.000	24	YES
11	40	3.600	230.000	27	YES
12	34	2.200	197.000	28	YES
13	36	3.200	200.000	28	YES
14	26	3.700	217.000	28	YES
15	15	2.200	180.000	29	YES
16	31	4.000	154.000	28	YES
17	14	4.800	175.000	24	YES
18	11	1.700	224.000	23	YES
19	30	4.200	173.000	25	YES
20	43	4.100	153.000	24	YES
21	35	1.200	206.000	24	YES
22	37	3.400	191.000	24	YES
23	38	2.000	180.000	25	YES
24	32	3.700	222.000	26	YES
25	48	4.200	227.000	24	YES
26	18	2.000	153.000	24	YES
27	10	1.200	175.000	26	YES
28	41	1.300	219.000	25	YES
29	17	4.500	213.000	23	YES
30	12	3.100	182.000	28	YES

Detailed Results for Radar Type 3

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	16	8.900	340.000	16	YES
2	7	6.500	466.000	17	YES
3	28	9.800	316.000	17	YES
4	44	7.100	457.000	16	YES
5	42	8.600	493.000	17	YES
6	13	8.400	343.000	17	YES
7	36	9.800	494.000	17	YES
8	47	9.800	250.000	17	YES
9	4	8.300	462.000	17	YES
10	17	8.700	413.000	17	YES
11	37	7.500	217.000	17	YES
12	46	8.500	349.000	17	YES
13	49	6.500	288.000	18	YES
14	9	6.300	454.000	17	YES
15	15	8.100	436.000	17	YES
16	21	8.100	204.000	17	YES
17	20	8.200	272.000	18	YES
18	31	8.800	487.000	17	YES
19	29	9.900	446.000	17	YES
20	48	9.000	448.000	18	YES
21	41	7.700	467.000	16	YES
22	8	7.000	358.000	17	YES
23	2	7.500	211.000	17	YES
24	18	6.200	263.000	18	YES
25	33	9.000	430.000	18	YES
26	26	9.200	497.000	17	YES
27	35	7.300	200.000	18	YES
28	34	6.400	477.000	17	YES
29	12	8.000	463.000	17	YES
30	23	9.700	256.000	16	YES

Detailed Results for Radar Type 4

Trial Number	Random Trial used	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	18	15.600	420.000	15	YES
2	13	16.000	485.000	14	YES
3	22	17.800	420.000	13	YES
4	45	16.700	419.000	16	YES
5	3	13.600	398.000	15	YES
6	46	15.300	488.000	14	YES
7	30	11.800	384.000	14	YES
8	19	15.700	403.000	16	YES
9	42	18.500	208.000	14	YES
10	5	14.100	478.000	15	YES
11	7	18.600	236.000	12	YES
12	35	12.600	268.000	13	YES
13	40	13.600	237.000	15	YES
14	43	15.800	410.000	15	YES
15	15	14.700	324.000	13	YES
16	10	14.200	351.000	12	YES
17	16	19.900	366.000	14	YES
18	4	12.600	360.000	14	YES
19	26	18.900	299.000	16	YES
20	25	16.600	282.000	16	YES
21	31	14.400	266.000	14	YES
22	28	13.000	309.000	14	YES
23	14	16.600	212.000	16	YES
24	11	14.900	223.000	12	YES
25	36	12.500	413.000	14	YES
26	23	18.300	265.000	14	YES
27	27	15.600	303.000	13	YES
28	41	13.300	439.000	14	YES
29	39	12.400	217.000	14	YES
30	50	14.400	286.000	12	YES

Detailed Results for Radar Type 5

Trial Number	Random Trial used	Pulses Detected	Comment
1	25	No	For detailed burst Data see separate table Type5_Trial1
2	18	YES	For detailed burst Data see separate table Type5_Trial2
3	14	YES	For detailed burst Data see separate table Type5_Trial3
4	44	YES	For detailed burst Data see separate table Type5_Trial4
5	43	YES	For detailed burst Data see separate table Type5_Trial5
6	13	YES	For detailed burst Data see separate table Type5_Trial6
7	42	YES	For detailed burst Data see separate table Type5_Trial7
8	15	YES	For detailed burst Data see separate table Type5_Trial8
9	31	YES	For detailed burst Data see separate table Type5_Trial9
10	37	YES	For detailed burst Data see separate table Type5_Trial10
11	38	YES	For detailed burst Data see separate table Type5_Trial11
12	20	YES	For detailed burst Data see separate table Type5_Trial12
13	48	YES	For detailed burst Data see separate table Type5_Trial13
14	36	YES	For detailed burst Data see separate table Type5_Trial14
15	50	No	For detailed burst Data see separate table Type5_Trial15
16	10	YES	For detailed burst Data see separate table Type5_Trial16
17	29	YES	For detailed burst Data see separate table Type5_Trial17
18	2	YES	For detailed burst Data see separate table Type5_Trial18
19	28	YES	For detailed burst Data see separate table Type5_Trial19
20	1	YES	For detailed burst Data see separate table Type5_Trial20
21	8	YES	For detailed burst Data see separate table Type5_Trial21
22	16	YES	For detailed burst Data see separate table Type5_Trial22
23	4	YES	For detailed burst Data see separate table Type5_Trial23
24	47	YES	For detailed burst Data see separate table Type5_Trial24
25	12	YES	For detailed burst Data see separate table Type5_Trial25
26	7	No	For detailed burst Data see separate table Type5_Trial26
27	26	YES	For detailed burst Data see separate table Type5_Trial27
28	49	YES	For detailed burst Data see separate table Type5_Trial28
29	30	No	For detailed burst Data see separate table Type5_Trial29
30	5	YES	For detailed burst Data see separate table Type5_Trial30

Detailed Results for Radar Type 5_Trial 1

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.100	19.000000	1539.000	---	378.000
2	2	62.500	19.000000	1931.000	---	586.000
3	3	85.200	19.000000	1860.000	942.000	473.000
4	2	57.800	19.000000	1401.000	---	394.000
5	1	72.100	19.000000	---	---	254.000
6	1	92.700	19.000000	---	---	242.000
7	2	56.200	19.000000	1405.000	---	411.000
8	3	54.300	19.000000	1382.000	1712.000	591.000
9	3	88.200	19.000000	1026.000	1680.000	17.000
10	3	68.200	19.000000	1051.000	1804.000	269.000
11	2	91.600	19.000000	1080.000	---	315.000
12	2	94.700	19.000000	1056.000	---	501.000
13	2	60.900	19.000000	1566.000	---	227.000
14	2	57.700	19.000000	1345.000	---	332.000
15	2	80.500	19.000000	1002.000	---	131.000
16	1	78.700	19.000000	---	---	51.000
17	2	95.800	19.000000	1851.000	---	346.000
18	3	74.500	19.000000	1430.000	1097.000	108.000
19	3	65.700	19.000000	1155.000	1430.000	508.000

Detailed Results for Radar Type 5_Trial 2

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	93.600	5.000000	---	---	12.000
2	3	75.700	5.000000	1082.000	1831.000	391.000
3	1	78.600	5.000000	---	---	945.000
4	3	97.800	5.000000	1410.000	1227.000	166.000
5	2	90.700	5.000000	1124.000	---	67.000
6	2	98.300	5.000000	1313.000	---	512.000
7	3	72.800	5.000000	1011.000	1020.000	645.000
8	3	73.700	5.000000	1726.000	1553.000	442.000
9	1	90.200	5.000000	---	---	22.000
10	1	62.700	5.000000	---	---	746.000
11	3	83.300	5.000000	1501.000	1874.000	837.000
12	3	80.000	5.000000	1591.000	1770.000	458.000

Detailed Results for Radar Type 5_Trial 3

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	86.900	18.000000	1072.000	1743.000	270.000
2	3	81.200	18.000000	1473.000	1232.000	993.000
3	3	100.000	18.000000	1838.000	1883.000	1083.000
4	1	65.400	18.000000	---	---	815.000
5	3	80.200	18.000000	1355.000	1538.000	799.000
6	3	96.500	18.000000	1759.000	1784.000	72.000
7	3	80.300	18.000000	1386.000	1646.000	426.000
8	2	81.600	18.000000	1787.000	---	878.000

Detailed Results for Radar Type 5_Trial 4

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	75.600	14.000000	1717.000	1819.000	814.000
2	2	87.500	14.000000	1850.000	---	108.000
3	1	69.100	14.000000	---	---	310.000
4	2	55.800	14.000000	972.000	---	0.000
5	1	90.600	14.000000	---	---	277.000
6	2	87.800	14.000000	1808.000	---	20.000
7	1	74.000	14.000000	---	---	35.000
8	3	94.800	14.000000	1120.000	938.000	554.000
9	2	57.200	14.000000	1619.000	---	141.000
10	1	56.000	14.000000	---	---	595.000
11	2	99.500	14.000000	1143.000	---	262.000
12	2	66.500	14.000000	1675.000	---	557.000

Detailed Results for Radar Type 5_Trial 5

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	92.800	10.000000	1307.000	1195.000	177.000
2	2	69.200	10.000000	1264.000	---	1014.000
3	2	63.000	10.000000	1830.000	---	875.000
4	1	58.400	10.000000	---	---	470.000
5	2	74.900	10.000000	1531.000	---	184.000
6	2	76.000	10.000000	1488.000	---	679.000
7	2	50.500	10.000000	1360.000	---	296.000
8	1	82.500	10.000000	---	---	645.000
9	3	58.800	10.000000	1168.000	1620.000	345.000
10	2	70.900	10.000000	1468.000	---	205.000
11	1	72.700	10.000000	---	---	702.000

Detailed Results for Radar Type 5_Trial 6

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	51.100	19.000000	---	---	551.000
2	2	85.100	19.000000	1734.000	---	404.000
3	3	52.100	19.000000	1720.000	1874.000	512.000
4	1	74.000	19.000000	---	---	40.000
5	2	52.100	19.000000	1849.000	---	96.000
6	2	76.700	19.000000	1657.000	---	349.000
7	1	55.400	19.000000	---	---	91.000
8	3	81.200	19.000000	1796.000	1552.000	89.000
9	2	60.900	19.000000	1713.000	---	57.000
10	2	57.100	19.000000	1611.000	---	530.000
11	2	50.100	19.000000	1364.000	---	248.000
12	1	89.400	19.000000	---	---	296.000
13	3	64.500	19.000000	1437.000	1500.000	469.000
14	2	72.500	19.000000	1415.000	---	437.000
15	3	72.200	19.000000	1705.000	1577.000	554.000
16	2	87.800	19.000000	1175.000	---	48.000
17	2	91.300	19.000000	1613.000	---	537.000
18	2	65.400	19.000000	1307.000	---	194.000
19	1	56.300	19.000000	---	---	276.000
20	2	68.900	19.000000	1611.000	---	430.000

Detailed Results for Radar Type 5_Trial 7

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	68.400	12.000000	1658.000	1189.000	811.000
2	3	79.800	12.000000	1645.000	1732.000	1059.000
3	1	86.100	12.000000	---	---	970.000
4	1	83.200	12.000000	---	---	765.000
5	1	97.500	12.000000	---	---	1117.000
6	2	51.300	12.000000	1708.000	---	559.000
7	3	77.900	12.000000	1276.000	1521.000	253.000
8	3	80.800	12.000000	1804.000	959.000	563.000
9	2	82.100	12.000000	1443.000	---	169.000
10	3	65.000	12.000000	1848.000	1035.000	156.000

Detailed Results for Radar Type 5_Trial 8

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	50.800	18.000000	1595.000	---	21.000
2	2	52.000	18.000000	1563.000	---	729.000
3	2	58.800	18.000000	1384.000	---	15.000
4	2	79.700	18.000000	979.000	---	261.000
5	1	69.500	18.000000	---	---	533.000
6	2	98.900	18.000000	1015.000	---	493.000
7	2	82.800	18.000000	1634.000	---	218.000
8	1	70.100	18.000000	---	---	1102.000
9	2	89.200	18.000000	1357.000	---	524.000

Detailed Results for Radar Type 5_Trial 9

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	78.100	10.000000	1102.000	---	160.000
2	2	51.400	10.000000	957.000	---	633.000
3	3	85.200	10.000000	1076.000	1386.000	363.000
4	1	96.300	10.000000	---	---	992.000
5	1	67.200	10.000000	---	---	751.000
6	3	68.900	10.000000	1284.000	1725.000	149.000
7	2	75.900	10.000000	958.000	---	690.000
8	2	87.000	10.000000	1715.000	---	512.000
9	1	88.500	10.000000	---	---	611.000
10	3	61.000	10.000000	1333.000	1179.000	361.000
11	1	57.000	10.000000	---	---	214.000
12	2	55.900	10.000000	1656.000	---	643.000

Detailed Results for Radar Type 5_Trial 10

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	84.500	5.000000	---	---	77.000
2	2	85.100	5.000000	1049.000	---	561.000
3	2	77.500	5.000000	1012.000	---	322.000
4	2	95.300	5.000000	1524.000	---	591.000
5	2	69.000	5.000000	1447.000	---	479.000
6	2	65.200	5.000000	1574.000	---	177.000
7	3	77.400	5.000000	1446.000	1628.000	4.000
8	2	58.000	5.000000	1737.000	---	631.000
9	3	58.500	5.000000	1714.000	1626.000	330.000
10	1	98.600	5.000000	---	---	508.000
11	1	73.900	5.000000	---	---	27.000
12	1	67.700	5.000000	---	---	157.000
13	1	99.000	5.000000	---	---	313.000
14	2	76.800	5.000000	1232.000	---	429.000
15	2	89.900	5.000000	1618.000	---	574.000
16	3	88.000	5.000000	1587.000	1221.000	326.000
17	1	55.100	5.000000	---	---	550.000
18	3	93.900	5.000000	930.000	1084.000	275.000

Detailed Results for Radar Type 5_Trial 11

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	79.600	17.000000	1029.000	---	270.000
2	1	90.200	17.000000	---	---	580.000
3	3	66.100	17.000000	1312.000	1766.000	86.000
4	1	95.200	17.000000	---	---	92.000
5	2	76.300	17.000000	1238.000	---	368.000
6	2	75.800	17.000000	1106.000	---	165.000
7	3	50.700	17.000000	1312.000	1580.000	377.000
8	3	56.300	17.000000	1837.000	1154.000	323.000
9	3	56.100	17.000000	1061.000	1394.000	400.000
10	3	81.200	17.000000	1582.000	1379.000	405.000
11	2	89.700	17.000000	1845.000	---	506.000
12	1	97.800	17.000000	---	---	331.000
13	1	75.700	17.000000	---	---	430.000
14	3	50.200	17.000000	1237.000	1653.000	544.000
15	2	52.000	17.000000	1729.000	---	339.000
16	2	69.400	17.000000	1603.000	---	44.000
17	2	67.500	17.000000	1168.000	---	521.000
18	2	98.100	17.000000	958.000	---	384.000
19	3	63.600	17.000000	1260.000	1640.000	194.000

Detailed Results for Radar Type 5_Trial 12

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.000	7.000000	1220.000	---	20.000
2	3	88.500	7.000000	1376.000	1096.000	45.000
3	2	56.300	7.000000	1207.000	---	779.000
4	2	88.800	7.000000	1793.000	---	532.000
5	1	78.600	7.000000	---	---	577.000
6	2	82.300	7.000000	1534.000	---	549.000
7	1	71.700	7.000000	---	---	612.000
8	2	52.800	7.000000	1891.000	---	631.000
9	1	66.100	7.000000	---	---	166.000
10	2	72.800	7.000000	1460.000	---	381.000
11	2	82.900	7.000000	1293.000	---	451.000
12	3	72.300	7.000000	1224.000	1577.000	61.000
13	2	91.900	7.000000	1281.000	---	619.000
14	3	82.400	7.000000	1570.000	1469.000	99.000

Detailed Results for Radar Type 5_Trial 13

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.900	7.000000	1124.000	---	368.000
2	2	94.200	7.000000	1097.000	---	363.000
3	2	95.600	7.000000	1706.000	---	338.000
4	3	60.700	7.000000	1726.000	1788.000	628.000
5	2	79.600	7.000000	921.000	---	352.000
6	2	55.700	7.000000	1463.000	---	71.000
7	2	92.300	7.000000	1486.000	---	208.000
8	3	59.600	7.000000	1550.000	1830.000	605.000
9	2	95.900	7.000000	1529.000	---	727.000
10	2	87.500	7.000000	1521.000	---	637.000
11	3	81.100	7.000000	961.000	1815.000	593.000
12	3	93.000	7.000000	1246.000	1717.000	400.000
13	3	62.500	7.000000	1219.000	1563.000	742.000
14	1	70.400	7.000000	---	---	627.000
15	2	63.400	7.000000	1345.000	---	439.000
16	1	78.000	7.000000	---	---	663.000

Detailed Results for Radar Type 5_Trial 14

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	74.800	8.000000	1894.000	---	41.000
2	2	95.100	8.000000	1815.000	---	443.000
3	1	95.500	8.000000	---	---	663.000
4	2	87.500	8.000000	1259.000	---	156.000
5	3	86.300	8.000000	947.000	1761.000	185.000
6	1	90.900	8.000000	---	---	246.000
7	2	51.800	8.000000	1879.000	---	166.000
8	1	92.100	8.000000	---	---	203.000
9	3	83.800	8.000000	1477.000	1851.000	570.000
10	1	51.500	8.000000	---	---	48.000
11	1	60.400	8.000000	---	---	1.000
12	3	95.800	8.000000	934.000	1424.000	382.000
13	2	79.200	8.000000	1808.000	---	537.000
14	3	79.500	8.000000	1300.000	1192.000	323.000
15	1	83.200	8.000000	---	---	343.000
16	2	98.800	8.000000	1791.000	---	560.000
17	2	50.800	8.000000	1866.000	---	659.000

Detailed Results for Radar Type 5_Trial 15

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	63.100	5.000000	1767.000	---	49.000
2	2	54.000	5.000000	1907.000	---	76.000
3	1	74.000	5.000000	---	---	573.000
4	3	69.500	5.000000	1490.000	1185.000	440.000
5	2	62.300	5.000000	1013.000	---	645.000
6	2	52.800	5.000000	1682.000	---	178.000
7	2	90.100	5.000000	1367.000	---	171.000
8	1	86.200	5.000000	---	---	251.000
9	2	94.800	5.000000	908.000	---	307.000
10	2	66.500	5.000000	972.000	---	415.000
11	3	60.800	5.000000	1555.000	1769.000	440.000
12	2	69.200	5.000000	1364.000	---	408.000
13	2	82.600	5.000000	1077.000	---	86.000
14	3	89.600	5.000000	934.000	1096.000	215.000
15	2	87.700	5.000000	958.000	---	272.000
16	2	74.300	5.000000	1246.000	---	576.000
17	1	98.600	5.000000	---	---	262.000
18	3	82.600	5.000000	1172.000	1322.000	628.000

Detailed Results for Radar Type 5_Trial 16

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	64.900	8.000000	1505.000	942.000	403.000
2	2	74.300	8.000000	1789.000	---	177.000
3	3	70.800	8.000000	1084.000	1077.000	477.000
4	2	89.800	8.000000	1727.000	---	39.000
5	2	93.800	8.000000	1220.000	---	581.000
6	3	71.300	8.000000	1699.000	1079.000	519.000
7	2	73.200	8.000000	1306.000	---	9.000
8	2	78.200	8.000000	1010.000	---	72.000
9	3	65.600	8.000000	1443.000	1201.000	152.000
10	2	80.300	8.000000	1521.000	---	187.000
11	1	53.000	8.000000	---	---	669.000
12	2	97.600	8.000000	1808.000	---	558.000
13	2	69.000	8.000000	1583.000	---	502.000
14	3	98.300	8.000000	1282.000	1548.000	356.000
15	3	58.000	8.000000	1058.000	1448.000	179.000
16	2	53.300	8.000000	993.000	---	253.000
17	2	78.600	8.000000	1265.000	---	413.000

Detailed Results for Radar Type 5_Trial 17

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.400	20.000000	1666.000	---	613.000
2	3	99.600	20.000000	1128.000	1195.000	1083.000
3	3	95.100	20.000000	1506.000	1563.000	362.000
4	1	84.300	20.000000	---	---	319.000
5	3	88.900	20.000000	1568.000	1152.000	604.000
6	2	69.200	20.000000	995.000	---	451.000
7	2	81.400	20.000000	1689.000	---	791.000
8	2	88.500	20.000000	1286.000	---	359.000
9	3	70.600	20.000000	1189.000	1825.000	241.000
10	3	56.000	20.000000	1217.000	1783.000	317.000

Detailed Results for Radar Type 5_Trial 18

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	66.900	16.000000	1927.000	---	308.000
2	3	68.300	16.000000	1068.000	1286.000	574.000
3	2	50.600	16.000000	1234.000	---	468.000
4	2	58.200	16.000000	1470.000	---	785.000
5	3	58.300	16.000000	1083.000	1021.000	1235.000
6	1	71.500	16.000000	---	---	91.000
7	1	67.400	16.000000	---	---	710.000
8	3	59.100	16.000000	1642.000	1231.000	561.000
9	2	66.000	16.000000	1446.000	---	628.000

Detailed Results for Radar Type 5_Trial 19

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	97.500	12.000000	1544.000	---	99.000
2	2	65.600	12.000000	1375.000	---	550.000
3	1	68.300	12.000000	---	---	550.000
4	3	50.300	12.000000	1878.000	1651.000	1131.000
5	3	51.700	12.000000	975.000	1518.000	102.000
6	3	57.200	12.000000	1700.000	1447.000	1041.000
7	2	98.400	12.000000	1637.000	---	130.000
8	3	58.900	12.000000	1602.000	1161.000	38.000
9	2	60.100	12.000000	984.000	---	333.000

Detailed Results for Radar Type 5_Trial 20

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	97.300	12.000000	1764.000	1049.000	85.000
2	1	83.400	12.000000	---	---	882.000
3	1	94.700	12.000000	---	---	903.000
4	2	60.100	12.000000	1023.000	---	878.000
5	2	54.600	12.000000	1385.000	---	1271.000
6	3	88.100	12.000000	1088.000	1048.000	932.000
7	3	90.200	12.000000	1799.000	1142.000	226.000
8	3	63.400	12.000000	1149.000	971.000	1426.000

Detailed Results for Radar Type 5_Trial 21

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	93.000	5.000000	1554.000	1785.000	287.000
2	1	83.900	5.000000	---	---	719.000
3	1	58.600	5.000000	---	---	22.000
4	2	51.600	5.000000	1301.000	---	508.000
5	2	86.000	5.000000	971.000	---	394.000
6	2	52.400	5.000000	1014.000	---	126.000
7	2	81.600	5.000000	1650.000	---	756.000
8	2	73.500	5.000000	1428.000	---	653.000
9	1	58.900	5.000000	---	---	761.000
10	1	93.500	5.000000	---	---	118.000
11	2	90.600	5.000000	1774.000	---	108.000
12	2	58.400	5.000000	1448.000	---	740.000
13	2	89.100	5.000000	1406.000	---	689.000
14	2	73.900	5.000000	1071.000	---	160.000
15	1	61.700	5.000000	---	---	172.000

Detailed Results for Radar Type 5_Trial 22

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.400	13.000000	1343.000	1742.000	651.000
2	1	57.300	13.000000	---	---	857.000
3	1	61.900	13.000000	---	---	567.000
4	3	60.500	13.000000	1355.000	1499.000	847.000
5	1	62.000	13.000000	---	---	1014.000
6	2	94.800	13.000000	1584.000	---	512.000
7	1	64.300	13.000000	---	---	992.000
8	3	93.200	13.000000	1157.000	1861.000	285.000
9	3	56.000	13.000000	1813.000	1900.000	1189.000
10	2	79.100	13.000000	1234.000	---	1006.000

Detailed Results for Radar Type 5_Trial 23

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	1	64.600	15.000000	---	---	373.000
2	2	95.900	15.000000	1430.000	---	66.000
3	2	54.800	15.000000	1287.000	---	696.000
4	2	63.800	15.000000	1654.000	---	597.000
5	2	55.100	15.000000	1400.000	---	517.000
6	2	92.900	15.000000	1849.000	---	259.000
7	3	56.500	15.000000	1000.000	1682.000	660.000
8	1	61.700	15.000000	---	---	591.000
9	1	58.100	15.000000	---	---	474.000
10	2	95.400	15.000000	1214.000	---	1077.000
11	2	96.700	15.000000	1667.000	---	917.000

Detailed Results for Radar Type 5_Trial 24

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	53.000	16.000000	1731.000	1776.000	102.000
2	2	61.000	16.000000	988.000	---	570.000
3	1	59.900	16.000000	---	---	566.000
4	1	85.500	16.000000	---	---	213.000
5	3	94.800	16.000000	1100.000	1674.000	103.000
6	3	81.600	16.000000	979.000	1275.000	44.000
7	1	57.300	16.000000	---	---	498.000
8	2	93.800	16.000000	999.000	---	772.000
9	2	75.100	16.000000	1593.000	---	686.000
10	3	96.400	16.000000	1515.000	1372.000	320.000
11	2	59.600	16.000000	1224.000	---	9.000
12	2	69.600	16.000000	1553.000	---	192.000
13	1	84.300	16.000000	---	---	102.000
14	3	70.600	16.000000	1234.000	961.000	644.000
15	1	97.700	16.000000	---	---	436.000

Detailed Results for Radar Type 5_Trial 25

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	80.800	17.000000	1865.000	---	407.000
2	2	65.200	17.000000	1617.000	---	541.000
3	2	55.500	17.000000	1012.000	---	474.000
4	2	97.400	17.000000	1402.000	---	157.000
5	2	70.500	17.000000	1522.000	---	531.000
6	2	84.400	17.000000	1207.000	---	573.000
7	3	86.000	17.000000	1566.000	1277.000	121.000
8	2	76.800	17.000000	1481.000	---	136.000
9	2	87.400	17.000000	993.000	---	227.000
10	2	56.300	17.000000	1384.000	---	27.000
11	3	86.700	17.000000	920.000	1181.000	224.000
12	3	81.000	17.000000	959.000	1111.000	506.000
13	2	50.500	17.000000	1891.000	---	173.000
14	2	92.000	17.000000	1263.000	---	553.000
15	2	62.200	17.000000	1469.000	---	311.000
16	2	69.400	17.000000	1007.000	---	332.000
17	3	65.600	17.000000	1335.000	1823.000	519.000
18	2	70.300	17.000000	1590.000	---	96.000
19	3	78.100	17.000000	1361.000	1775.000	12.000

Detailed Results for Radar Type 5_Trial 26

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	76.300	6.000000	1673.000	1870.000	757.000
2	1	85.600	6.000000	---	---	712.000
3	2	87.400	6.000000	1495.000	---	427.000
4	2	67.800	6.000000	1430.000	---	153.000
5	1	80.900	6.000000	---	---	197.000
6	1	80.300	6.000000	---	---	160.000
7	3	86.500	6.000000	1329.000	1212.000	509.000
8	1	96.300	6.000000	---	---	828.000
9	1	80.800	6.000000	---	---	306.000
10	2	74.900	6.000000	1636.000	---	609.000
11	3	60.400	6.000000	1278.000	1394.000	269.000
12	3	57.300	6.000000	1719.000	999.000	826.000
13	2	64.800	6.000000	1378.000	---	41.000
14	2	66.600	6.000000	933.000	---	631.000

Detailed Results for Radar Type 5_Trial 27

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	3	56.900	7.000000	1444.000	967.000	453.000
2	3	59.600	7.000000	1787.000	1144.000	206.000
3	3	95.100	7.000000	1708.000	1109.000	579.000
4	1	90.100	7.000000	---	---	554.000
5	1	81.600	7.000000	---	---	140.000
6	2	78.100	7.000000	1096.000	---	407.000
7	1	99.000	7.000000	---	---	350.000
8	3	81.300	7.000000	1461.000	1547.000	552.000
9	2	54.900	7.000000	1737.000	---	501.000
10	2	54.200	7.000000	1388.000	---	121.000
11	2	86.200	7.000000	971.000	---	397.000
12	2	79.100	7.000000	1117.000	---	318.000
13	2	55.200	7.000000	1399.000	---	427.000
14	1	57.800	7.000000	---	---	441.000
15	2	56.500	7.000000	1323.000	---	397.000
16	1	57.200	7.000000	---	---	435.000
17	2	71.400	7.000000	989.000	---	500.000
18	2	75.000	7.000000	1489.000	---	16.000
19	1	94.000	7.000000	---	---	44.000
20	3	72.700	7.000000	1153.000	1688.000	262.000

Detailed Results for Radar Type 5_Trial 28

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	69.400	19.000000	1872.000	---	221.000
2	2	59.100	19.000000	1839.000	---	120.000
3	3	76.800	19.000000	1911.000	981.000	550.000
4	2	70.500	19.000000	1328.000	---	331.000
5	1	63.100	19.000000	---	---	681.000
6	3	59.900	19.000000	1048.000	1055.000	264.000
7	2	50.000	19.000000	1246.000	---	301.000
8	2	53.200	19.000000	993.000	---	222.000
9	1	80.500	19.000000	---	---	496.000
10	2	86.900	19.000000	1135.000	---	371.000
11	3	99.000	19.000000	1818.000	935.000	639.000
12	3	85.200	19.000000	1495.000	1079.000	633.000
13	3	68.700	19.000000	1289.000	1482.000	99.000
14	2	85.700	19.000000	1340.000	---	358.000
15	2	82.900	19.000000	1395.000	---	502.000
16	2	53.400	19.000000	1111.000	---	74.000
17	2	97.400	19.000000	1764.000	---	476.000

Detailed Results for Radar Type 5_Trial 29

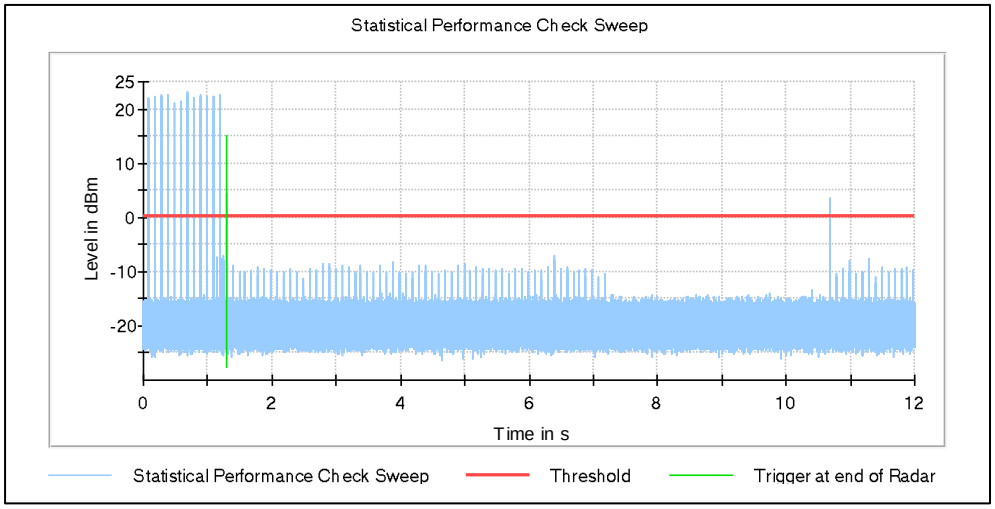
Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	77.900	16.000000	1250.000	---	478.000
2	2	69.500	16.000000	1007.000	---	962.000
3	2	74.500	16.000000	1631.000	---	657.000
4	1	93.900	16.000000	---	---	564.000
5	2	55.400	16.000000	949.000	---	59.000
6	3	50.400	16.000000	1162.000	1396.000	565.000
7	1	68.600	16.000000	---	---	732.000
8	3	88.700	16.000000	1750.000	1835.000	872.000
9	2	54.900	16.000000	1869.000	---	32.000
10	3	51.000	16.000000	970.000	1344.000	750.000
11	3	86.500	16.000000	1599.000	1682.000	364.000

Detailed Results for Radar Type 5_Trial 30

Burst	No. of Pulses	Pulse Width (µs)	Chirp Width (MHz)	Pulse 1-to-2 Spacing (µs)	Pulse 2-to-3 Spacing (µs)	Starting Location Within Interval (µs)
1	2	58.200	10.000000	1320.000	---	122.000
2	2	66.300	10.000000	1849.000	---	244.000
3	3	62.100	10.000000	1589.000	1390.000	229.000
4	2	74.300	10.000000	1184.000	---	976.000
5	1	58.600	10.000000	---	---	730.000
6	3	82.600	10.000000	1633.000	1513.000	669.000
7	1	73.100	10.000000	---	---	735.000
8	1	90.900	10.000000	---	---	645.000
9	3	66.300	10.000000	1563.000	1348.000	380.000
10	2	54.800	10.000000	1384.000	---	556.000
11	3	65.600	10.000000	1218.000	937.000	801.000
12	3	74.500	10.000000	958.000	1010.000	493.000

Detailed Results for Radar Type 6

Trial Number	Pulse Width (µs)	PRI (µs)	No. of Pulses	Pulses Detected
1	1.000	300.000	9	YES
2	1.000	300.000	9	YES
3	1.000	300.000	9	YES
4	1.000	300.000	9	YES
5	1.000	300.000	9	YES
6	1.000	300.000	9	YES
7	1.000	300.000	9	YES
8	1.000	300.000	9	YES
9	1.000	300.000	9	YES
10	1.000	300.000	9	YES
11	1.000	300.000	9	YES
12	1.000	300.000	9	YES
13	1.000	300.000	9	YES
14	1.000	300.000	9	YES
15	1.000	300.000	9	YES
16	1.000	300.000	9	YES
17	1.000	300.000	9	YES
18	1.000	300.000	9	YES
19	1.000	300.000	9	YES
20	1.000	300.000	9	YES
21	1.000	300.000	9	YES
22	1.000	300.000	9	YES
23	1.000	300.000	9	YES
24	1.000	300.000	9	YES
25	1.000	300.000	9	YES
26	1.000	300.000	9	YES
27	1.000	300.000	9	YES
28	1.000	300.000	9	YES
29	1.000	300.000	9	YES
30	1.000	300.000	9	YES



7.5 Spurious Radiated Emissions & Restricted Bands of Operation

Result ***Pass***

Test Specification	FCC part 15 Subpart E Section 15.407 (b) (2) (3)(15.205 & 15.209) RSS 247 Issue 3 Section 6.2.2.2 & 6.2.3.2 & RSS Gen Issue 5 Section 8.9 & 8.10
Test Method	ANSI C 63.10 – 2013
Measurement Bandwidth	100kHz for below 1GHz 1MHz for above 1GHz
Measurement Location	Semi Anechoic Chamber 30MHz - 1 GHz Fully Anechoic Chamber 1 GHz - 40GHz
Measuring Distance	3 m
Detector	Refer Remark
Requirement	As per the limits mentioned in the below
Test setup	Refer TEST METHODOLOGY

Limit:

According to FCC 15.407(b)

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

1. For transmitters operating in the 5.25–5.35 GHz band: All emissions outside of the 5.15–5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
2. For transmitters operating in the 5.47–5.725 GHz band: All emissions outside of the 5.47–5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

According to RSS 247 ISSUE 3 6.2.2.2 & 6.2.2.3

Devices shall comply with the following:

a. All emissions outside the band 5250-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p.; or

b. All emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device, except devices installed in vehicles, shall be labelled or include in the user manual the following text “for indoor use only.”

c. Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, devices with bandwidth overlapping the band edge of 5725 MHz can meet the emission limit of -27 dBm/MHz e.i.r.p. at 5850 MHz instead of 5725 MHz.

Table 7: Transmitter limits for Radiated emission

Frequency (MHz)	Field strength (µV/m)	Field strength (dBµV/m)	Distance of Measurement (m)
0.009 – 0.490	2400/F(kHz)	48.50 – 13.80	300*
0.490 – 1.705	24000/F(kHz)	33.80 – 23.00	30*
1.705 -30	30	29.54	30*
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBµV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 23.2 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

Test results:

Note: All the losses are included during measurement and final values are mentioned in the test report. Refer TEST METHODOLOGY for more details

Test results for Frequency range : 9kHz – 30MHz

No Emissions found in the frequency range 9kHz – 30MHz

Test results for frequency range 30MHz – 1GHz

Antenna Polarization	Mesaured Frequency (MHz)	Measured Spurious emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	41.37(QP)	15.85	40.00	-24.15
	46.884(QP)	23.81	40.00	-16.19
	52.35(QP)	11.12	40.00	-28.88
	57.078(QP)	23.50	40.00	-16.50
	372.71(Pk)	38.50	46.00	-7.50
	452.21(Pk)	26.90	46.00	-19.10
	711.14(Pk)	36.70	46.00	-9.30
	847.85(Pk)	35.20	46.00	-10.80
Horizontal	40.098(QP)	25.51	40.00	-14.49
	57.072(QP)	32.33	40.00	-7.67
	124.782(QP)	8.67	43.50	-34.83
	370.028(QP)	33.72	46.00	-12.28
	372.734(QP)	39.62	46.00	-6.38
	377.594(QP)	42.04	46.00	-3.96
	384.026(QP)	35.61	46.00	-10.39
	709.85(QP)	35.10	46.00	-10.90
	846.404(QP)	34.14	46.00	-11.86

Test results for frequency range – 1GHz to 40 GHz

Antenna type & Antenna Gain: Omni Antenna & 12dBi

Bandwidth: 20MHz

Modulation: 802.11a
Data rate: 54Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	95.33	-	-
	5260 (Av)		79.30	-	-
	5350 (Pk)		42.83	74.00*	-31.17
	5350 (Av)		29.82	54.00*	-24.18
	10520 (Pk)		52.11	68.23	-16.12
	10520 (Av)		40.60	54.00	-13.40
	15780 (Pk)		52.58	68.23	-15.65
	15780 (Av)		40.38	54.00	-13.62
	5260 (Pk)	Horizontal	84.48	-	-
	5260 (Av)		68.61	-	-
	5350 (Pk)		42.31	74.00*	-31.69
	5350 (Av)		29.35	54.00*	-24.65
	10520 (Pk)		52.64	68.23	-15.59
	10520 (Av)		39.98	54.00	-14.02
	15780 (Pk)		52.54	68.23	-15.69
	15780 (Av)		40.41	54.00	-13.59
5320	5320 (Pk)	Vertical	94.77	-	-
	5320 (Av)		78.92	-	-
	5350 (Pk)		43.75	74.00*	-30.25
	5350 (Av)		31.26	54.00*	-22.74
	10640 (Pk)		52.36	68.23	-15.87
	10640 (Av)		41.09	54.00	-12.91
	15960 (Pk)		53.79	68.23	-14.44
	15960 (Av)		41.25	54.00	-12.75
	5320 (Pk)	Horizontal	85.48	-	-
	5320 (Av)		69.76	-	-
	5350 (Pk)		42.08	74.00*	-31.92
	5350 (Av)		29.49	54.00*	-24.51
	10640 (Pk)		52.31	68.23	-15.92
	10640 (Av)		40.01	54.00	-13.99
	15960 (Pk)		53.14	68.23	-15.09
	15960 (Av)		41.26	54.00	-12.74
5500	5500 (Pk)	Vertical	93.66	-	-
	5500 (Av)		77.99	-	-
	5460 (Pk)		43.44	74.00*	-30.56
	5460 (Av)		30.55	54.00*	-23.45
	11000 (Pk)		53.53	68.23	-14.70
	11000 (Av)		40.80	54.00	-13.20
	16500 (Pk)		55.33	68.23	-12.90
	16500 (Av)		42.99	54.00	-11.01
	5500 (Pk)	Horizontal	83.30	-	-
	5500 (Av)		67.67	-	-
	5460 (Pk)		42.27	74.00*	-31.73
	5460 (Av)		29.66	54.00*	-24.34
	11000 (Pk)		52.85	68.23	-15.38
	11000 (Av)		40.18	54.00	-13.82
	16500 (Pk)		55.44	68.23	-12.79
	16500 (Av)		42.98	54.00	-11.02

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	95.68	-	-
	5600 (Av)		80.00	-	-
	5460 (Pk)		43.17	74.00*	-30.83
	5460 (Av)		29.19	54.00*	-24.81
	11200 (Pk)		52.60	68.23	-15.63
	11200 (Av)		40.87	54.00	-13.13
	16800 (Pk)		55.41	68.23	-12.82
	16800 (Av)		43.48	54.00	-10.52
	5600 (Pk)	Horizontal	77.33	-	-
	5600 (Av)		61.29	-	-
	5460 (Pk)		42.38	74.00*	-31.62
	5460 (Av)		29.68	54.00*	-24.32
	11200 (Pk)		53.33	68.23	-14.90
	11200 (Av)		40.86	54.00	-13.14
	16800 (Pk)		56.48	68.23	-11.75
	16800 (Av)		43.48	54.00	-10.52
5700	5700 (Pk)	Vertical	94.57	-	-
	5700 (Av)		78.89	-	-
	5460 (Pk)		42.75	74.00*	-31.25
	5460 (Av)		30.01	54.00*	-23.99
	11400 (Pk)		53.89	68.23	-14.34
	11400 (Av)		41.85	54.00	-12.15
	17100 (Pk)		56.79	68.23	-11.44
	17100 (Av)		43.75	54.00	-10.25
	5700 (Pk)	Horizontal	82.00	-	-
	5700 (Av)		66.49	-	-
	5460 (Pk)		43.50	74.00*	-30.50
	5460 (Av)		29.67	54.00*	-24.33
	11400 (Pk)		53.67	68.23	-14.56
	11400 (Av)		41.75	54.00	-12.25
	17100 (Pk)		55.98	68.23	-12.25
	17100 (Av)		43.74	54.00	-10.26
5720	5720 (Pk)	Vertical	93.47	-	-
	5720 (Av)		77.81	-	-
	5460 (Pk)		43.41	74.00*	-30.59
	5460 (Av)		29.99	54.00*	-24.01
	11440 (Pk)		53.50	68.23	-14.73
	11440 (Av)		41.79	54.00	-12.21
	17160(Pk)		56.06	68.23	-12.17
	17160(Av)		44.11	54.00	-9.89
	5720 (Pk)	Horizontal	80.24	-	-
	5720 (Av)		64.81	-	-
	5460 (Pk)		42.37	74.00*	-31.63
	5460 (Av)		29.70	54.00*	-24.30
	11440 (Pk)		54.52	68.23	-13.71
	11440 (Av)		41.76	54.00	-12.24
	17160(Pk)		56.43	68.23	-11.80
	17160(Av)		44.16	54.00	-9.84

Modulation: n-20MHz

Data Rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	101.34	-	-
	5260 (Av)		89.47	-	-
	5350 (Pk)		43.83	74.00*	-30.17
	5350 (Av)		31.49	54.00*	-22.51
	10520 (Pk)		52.37	68.23	-15.86
	10520 (Av)		39.99	54.00	-14.01
	15780 (Pk)		52.88	68.23	-15.35
	15780 (Av)		40.46	54.00	-13.54
	5260 (Pk)	Horizontal	89.64	-	-
	5260 (Av)		78.01	-	-
	5350 (Pk)		42.57	74.00*	-31.43
	5350 (Av)		29.59	54.00*	-24.41
	10520 (Pk)		52.18	68.23	-16.05
	10520 (Av)		40.03	54.00	-13.97
	15780 (Pk)		52.51	68.23	-15.72
	15780 (Av)		40.41	54.00	-13.59
5320	5320 (Pk)	Vertical	100.30	-	-
	5320 (Av)		88.66	-	-
	5350 (Pk)		46.72	74.00*	-27.28
	5350 (Av)		34.14	54.00*	-19.86
	10640 (Pk)		53.09	68.23	-15.14
	10640 (Av)		40.09	54.00	-13.91
	15960 (Pk)		53.42	68.23	-14.81
	15960 (Av)		41.27	54.00	-12.73
	5320 (Pk)	Horizontal	90.38	-	-
	5320 (Av)		78.58	-	-
	5350 (Pk)		42.56	74.00*	-31.44
	5350 (Av)		30.09	54.00*	-23.91
	10640 (Pk)		51.95	68.23	-16.28
	10640 (Av)		40.04	54.00	-13.96
	15960 (Pk)		54.08	68.23	-14.15
	15960 (Av)		41.25	54.00	-12.75
5500	5500 (Pk)	Vertical	99.93	-	-
	5500 (Av)		88.29	-	-
	5460 (Pk)		45.58	74.00*	-28.42
	5460 (Av)		34.21	54.00*	-19.79
	11000 (Pk)		52.76	68.23	-15.47
	11000 (Av)		40.83	54.00	-13.17
	16500 (Pk)		54.96	68.23	-13.27
	16500 (Av)		43.08	54.00	-10.92
	5500 (Pk)	Horizontal	90.30	-	-
	5500 (Av)		77.27	-	-
	5460 (Pk)		42.38	74.00*	-31.62
	5460 (Av)		29.88	54.00*	-24.12
	11000 (Pk)		53.99	68.23	-14.24
	11000 (Av)		40.82	54.00	-13.18
	16500 (Pk)		56.25	68.23	-11.98
	16500 (Av)		43.02	54.00	-10.98

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	100.79	-	-
	5600 (Av)		88.99	-	-
	5460 (Pk)		43.43	74.00*	-30.57
	5460 (Av)		30.93	54.00*	-23.07
	11200 (Pk)		53.14	68.23	-15.09
	11200 (Av)		40.78	54.00	-13.22
	16800 (Pk)		55.25	68.23	-12.98
	16800 (Av)		43.52	54.00	-10.48
	5600 (Pk)	Horizontal	87.16	-	-
	5600 (Av)		75.73	-	-
	5460 (Pk)		42.45	74.00*	-31.55
	5460 (Av)		29.82	54.00*	-24.18
	11200 (Pk)		53.05	68.23	-15.18
	11200 (Av)		40.77	54.00	-13.23
	16800 (Pk)		55.28	68.23	-12.95
	16800 (Av)		43.51	54.00	-10.49
5700	5700 (Pk)	Vertical	100.32	-	-
	5700 (Av)		88.13	-	-
	5460 (Pk)		44.36	74.00*	-29.64
	5460 (Av)		31.04	54.00*	-22.96
	11400 (Pk)		54.17	68.23	-14.06
	11400 (Av)		41.93	54.00	-12.07
	17100 (Pk)		55.53	68.23	-12.70
	17100 (Av)		43.80	54.00	-10.20
	5700 (Pk)	Horizontal	87.75	-	-
	5700 (Av)		75.68	-	-
	5460 (Pk)		42.18	74.00*	-31.82
	5460 (Av)		29.80	54.00*	-24.20
	11400 (Pk)		53.92	68.23	-14.31
	11400 (Av)		41.72	54.00	-12.28
	17100 (Pk)		56.12	68.23	-12.11
	17100 (Av)		43.80	54.00	-10.20
5720	5720 (Pk)	Vertical	99.85	-	-
	5720 (Av)		87.74	-	-
	5460 (Pk)		43.58	74.00*	-30.42
	5460 (Av)		31.01	54.00*	-22.99
	11440 (Pk)		54.00	68.23	-14.23
	11440 (Av)		42.05	54.00	-11.95
	17160(Pk)		56.40	68.23	-11.83
	17160(Av)		44.19	54.00	-9.81
	5720 (Pk)	Horizontal	86.99	-	-
	5720 (Av)		74.78	-	-
	5460 (Pk)		42.77	74.00*	-31.23
	5460 (Av)		29.81	54.00*	-24.19
	11440 (Pk)		54.44	68.23	-13.79
	11440 (Av)		41.75	54.00	-12.25
	17160(Pk)		55.80	68.23	-12.43
	17160(Av)		44.25	54.00	-9.75

Note:
*** : Indicate restricted band frequency in 15.205**
Pk: Peak Detector; Av: Average Detector

Modulation: **802.11ac**
Data rate: **MCS8**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	101.44	-	-
	5260 (Av)		89.62	-	-
	5350 (Pk)		44.31	74.00*	-29.69
	5350 (Av)		31.59	54.00*	-22.41
	10520 (Pk)		52.52	68.23	-15.71
	10520 (Av)		40.31	54.00	-13.69
	15780 (Pk)		52.36	68.23	-15.87
	15780 (Av)		40.46	54.00	-13.54
	5260 (Pk)	Horizontal	90.45	-	-
	5260 (Av)		78.56	-	-
	5350 (Pk)		42.47	74.00*	-31.53
	5350 (Av)		29.66	54.00*	-24.34
	10520 (Pk)		52.77	68.23	-15.46
	10520 (Av)		40.11	54.00	-13.89
	15780 (Pk)		52.96	68.23	-15.27
	15780 (Av)		40.51	54.00	-13.49
5320	5320 (Pk)	Vertical	100.81	-	-
	5320 (Av)		88.46	-	-
	5350 (Pk)		46.64	74.00*	-27.36
	5350 (Av)		34.16	54.00*	-19.84
	10640 (Pk)		52.56	68.23	-15.67
	10640 (Av)		40.23	54.00	-13.77
	15960 (Pk)		53.68	68.23	-14.55
	15960 (Av)		41.32	54.00	-12.68
	5320 (Pk)	Horizontal	92.21	-	-
	5320 (Av)		78.83	-	-
	5350 (Pk)		42.69	74.00*	-31.31
	5350 (Av)		30.19	54.00*	-23.81
	10640 (Pk)		52.12	68.23	-16.11
	10640 (Av)		40.31	54.00	-13.69
	15960 (Pk)		53.47	68.23	-14.76
	15960 (Av)		41.28	54.00	-12.72
5500	5500 (Pk)	Vertical	100.63	-	-
	5500 (Av)		88.32	-	-
	5460 (Pk)		45.89	74.00*	-28.11
	5460 (Av)		34.19	54.00*	-19.81
	11000 (Pk)		52.63	68.23	-15.60
	11000 (Av)		40.07	54.00	-13.93
	16500 (Pk)		54.24	68.23	-13.99
	16500 (Av)		41.27	54.00	-12.73
	5500 (Pk)	Horizontal	89.73	-	-
	5500 (Av)		77.48	-	-
	5460 (Pk)		42.49	74.00*	-31.51
	5460 (Av)		29.92	54.00*	-24.08
	11000 (Pk)		52.54	68.23	-15.69
	11000 (Av)		40.88	54.00	-13.12
	16500 (Pk)		55.10	68.23	-13.13
	16500 (Av)		43.02	54.00	-10.98

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	101.99	-	-
	5600 (Av)		89.50	-	-
	5460 (Pk)		43.75	74.00*	-30.25
	5460 (Av)		30.87	54.00*	-23.13
	11200 (Pk)		53.12	68.23	-15.11
	11200 (Av)		41.21	54.00	-12.79
	16800 (Pk)		55.98	68.23	-12.25
	16800 (Av)		43.73	54.00	-10.27
	5600 (Pk)	Horizontal	87.39	-	-
	5600 (Av)		75.22	-	-
	5460 (Pk)		42.68	74.00*	-31.32
	5460 (Av)		29.84	54.00*	-24.16
	11200 (Pk)		52.22	68.23	-16.01
	11200 (Av)		40.78	54.00	-13.22
	16800 (Pk)		54.96	68.23	-13.27
	16800 (Av)		43.56	54.00	-10.44
5700	5700 (Pk)	Vertical	100.98	-	-
	5700 (Av)		88.25	-	-
	5460 (Pk)		44.03	74.00*	-29.97
	5460 (Av)		31.21	54.00*	-22.79
	11400 (Pk)		53.86	68.23	-14.37
	11400 (Av)		42.07	54.00	-11.93
	17100 (Pk)		55.81	68.23	-12.42
	17100 (Av)		44.04	54.00	-9.96
	5700 (Pk)	Horizontal	87.38	-	-
	5700 (Av)		74.98	-	-
	5460 (Pk)		42.48	74.00*	-31.52
	5460 (Av)		29.84	54.00*	-24.16
	11400 (Pk)		53.83	68.23	-14.40
	11400 (Av)		41.91	54.00	-12.09
	17100 (Pk)		56.12	68.23	-12.11
	17100 (Av)		44.02	54.00	-9.98
5720	5720 (Pk)	Vertical	100.10	-	-
	5720 (Av)		87.70	-	-
	5460 (Pk)		43.48	74.00*	-30.52
	5460 (Av)		31.19	54.00*	-22.81
	11440 (Pk)		55.00	68.23	-13.23
	11440 (Av)		47.89	54.00	-6.11
	17160(Pk)		56.19	68.23	-12.04
	17160(Av)		44.32	54.00	-9.68
	5720 (Pk)	Horizontal	87.56	-	-
	5720 (Av)		75.48	-	-
	5460 (Pk)		42.79	74.00*	-31.21
	5460 (Av)		29.84	54.00*	-24.16
	11440 (Pk)		53.37	68.23	-14.86
	11440 (Av)		42.29	54.00	-11.71
	17160(Pk)		56.83	68.23	-11.40
	17160(Av)		44.34	54.00	-9.66

Modulation: 802.11ax-20MHz

Data Rate: MCS11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	100.15	-	-
	5260 (Av)		87.82	-	-
	5350 (Pk)		42.89	74.00*	-31.11
	5350 (Av)		30.63	54.00*	-23.37
	10520 (Pk)		51.91	68.23	-16.32
	10520 (Av)		40.12	54.00	-13.88
	15780 (Pk)		52.57	68.23	-15.66
	15780 (Av)		40.52	54.00	-13.48
	5260 (Pk)	Horizontal	87.73	-	-
	5260 (Av)		76.55	-	-
	5350 (Pk)		41.99	74.00*	-32.01
	5350 (Av)		29.56	54.00*	-24.44
	10520 (Pk)		51.69	68.23	-16.54
	10520 (Av)		40.09	54.00	-13.91
	15780 (Pk)		52.64	68.23	-15.59
	15780 (Av)		40.53	54.00	-13.47
5320	5320 (Pk)	Vertical	98.74	-	-
	5320 (Av)		86.31	-	-
	5350 (Pk)		44.74	74.00*	-29.26
	5350 (Av)		31.71	54.00*	-22.29
	10640 (Pk)		52.60	68.23	-15.63
	10640 (Av)		40.19	54.00	-13.81
	15960 (Pk)		52.99	68.23	-15.24
	15960 (Av)		41.32	54.00	-12.68
	5320 (Pk)	Horizontal	89.76	-	-
	5320 (Av)		77.26	-	-
	5350 (Pk)		42.78	74.00*	-31.22
	5350 (Av)		29.92	54.00*	-24.08
	10640 (Pk)		52.32	68.23	-15.91
	10640 (Av)		40.21	54.00	-13.79
	15960 (Pk)		53.68	68.23	-14.55
	15960 (Av)		41.31	54.00	-12.69
5500	5500 (Pk)	Vertical	99.34	-	-
	5500 (Av)		86.73	-	-
	5460 (Pk)		44.68	74.00*	-29.32
	5460 (Av)		32.42	54.00*	-21.58
	11000 (Pk)		52.89	68.23	-15.34
	11000 (Av)		40.88	54.00	-13.12
	16500 (Pk)		55.05	68.23	-13.18
	16500 (Av)		43.08	54.00	-10.92
	5500 (Pk)	Horizontal	88.04	-	-
	5500 (Av)		75.93	-	-
	5460 (Pk)		42.94	74.00*	-31.06
	5460 (Av)		29.97	54.00*	-24.03
	11000 (Pk)		53.14	68.23	-15.09
	11000 (Av)		40.89	54.00	-13.11
	16500 (Pk)		55.26	68.23	-12.97
	16500 (Av)		43.13	54.00	-10.87

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	99.84	-	-
	5600 (Av)		87.38	-	-
	5460 (Pk)		44.08	74.00*	-29.92
	5460 (Av)		30.80	54.00*	-23.20
	11200 (Pk)		53.27	68.23	-14.96
	11200 (Av)		40.85	54.00	-13.15
	16800 (Pk)		55.90	68.23	-12.33
	16800 (Av)		43.61	54.00	-10.39
	5600 (Pk)	Horizontal	81.65	-	-
	5600 (Av)		68.74	-	-
	5460 (Pk)		43.07	74.00*	-30.93
	5460 (Av)		29.73	54.00*	-24.27
	11200 (Pk)		52.50	68.23	-15.73
	11200 (Av)		40.83	54.00	-13.17
	16800 (Pk)		55.63	68.23	-12.60
	16800 (Av)		43.54	54.00	-10.46
5700	5700 (Pk)	Vertical	99.17	-	-
	5700 (Av)		86.64	-	-
	5460 (Pk)		43.58	74.00*	-30.42
	5460 (Av)		30.41	54.00*	-23.59
	11400 (Pk)		53.70	68.23	-14.53
	11400 (Av)		41.95	54.00	-12.05
	17100 (Pk)		55.87	68.23	-12.36
	17100 (Av)		43.92	54.00	-10.08
	5700 (Pk)	Horizontal	86.35	-	-
	5700 (Av)		73.83	-	-
	5460 (Pk)		42.91	74.00*	-31.09
	5460 (Av)		29.98	54.00*	-24.02
	11400 (Pk)		53.54	68.23	-14.69
	11400 (Av)		41.87	54.00	-12.13
	17100 (Pk)		57.81	68.23	-10.42
	17100 (Av)		43.90	54.00	-10.10
5720	5720 (Pk)	Vertical	99.33	-	-
	5720 (Av)		86.96	-	-
	5460 (Pk)		43.57	74.00*	-30.43
	5460 (Av)		30.59	54.00*	-23.41
	11440 (Pk)		54.05	68.23	-14.18
	11440 (Av)		41.91	54.00	-12.09
	17160(Pk)		56.24	68.23	-11.99
	17160(Av)		44.35	54.00	-9.65
	5720 (Pk)	Horizontal	87.04	-	-
	5720 (Av)		74.38	-	-
	5460 (Pk)		42.89	74.00*	-31.11
	5460 (Av)		29.99	54.00*	-24.01
	11440 (Pk)		53.98	68.23	-14.25
	11440 (Av)		41.93	54.00	-12.07
	17160(Pk)		56.38	68.23	-11.85
	17160(Av)		44.37	54.00	-9.63

Bandwidth: 40MHz

Modulation: 802.11n-HT40
Data rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	92.09	-	-
	5270 (Av)		79.48	-	-
	5350 (Pk)		42.66	74.00*	-31.34
	5350 (Av)		30.26	54.00*	-23.74
	10540 (Pk)		52.71	68.23	-15.52
	10540 (Av)		41.01	54.00	-12.99
	15810 (Pk)		52.65	68.23	-15.58
	15810 (Av)		40.60	54.00	-13.40
	5270 (Pk)	Horizontal	81.06	-	-
	5270 (Av)		68.76	-	-
	5350 (Pk)		42.56	74.00*	-31.44
	5350 (Av)		29.49	54.00*	-24.51
	10540 (Pk)		52.54	68.23	-15.69
	10540 (Av)		40.03	54.00	-13.97
	15810 (Pk)		53.15	68.23	-15.08
	15810 (Av)		40.60	54.00	-13.40
5310	5310 (Pk)	Vertical	91.19	-	-
	5310 (Pk)		78.59	-	-
	5350 (Pk)		44.25	74.00*	-29.75
	5350 (Pk)		30.37	54.00*	-23.63
	10620 (Pk)		54.41	68.23	-13.82
	10620 (Pk)		40.25	54.00	-13.75
	15930 (Pk)		53.40	68.23	-14.83
	15930 (Av)		40.80	54.00	-13.20
	5310 (Pk)	Horizontal	81.99	-	-
	5310 (Pk)		68.99	-	-
	5350 (Pk)		42.14	74.00*	-31.86
	5350 (Pk)		29.47	54.00*	-24.53
	10620 (Pk)		52.69	68.23	-15.54
	10620 (Pk)		40.24	54.00	-13.76
	15930 (Pk)		53.52	68.23	-14.71
	15930 (Av)		40.85	54.00	-13.15

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5510	5510 (Pk)	Vertical	91.18	-	-
	5510 (Av)		78.54	-	-
	5460 (Pk)		42.56	74.00*	-31.44
	5460 (Av)		30.59	54.00*	-23.41
	11020 (Pk)		54.15	68.23	-14.08
	11020 (Av)		40.99	54.00	-13.01
	16530 (Pk)		54.81	68.23	-13.42
	16530 (Av)		42.88	54.00	-11.12
	5510 (Pk)	Horizontal	79.72	-	-
	5510 (Av)		67.26	-	-
	5460 (Pk)		43.40	74.00*	-30.60
	5460 (Av)		29.82	54.00*	-24.18
	11020 (Pk)		53.51	68.23	-14.72
	11020 (Av)		40.97	54.00	-13.03
	16530 (Pk)		55.03	68.23	-13.20
	16530 (Av)		42.91	54.00	-11.09
5670	5670 (Pk)	Vertical	90.50	-	-
	5670 (Av)		78.14	-	-
	5460 (Pk)		42.54	74.00*	-31.46
	5460 (Av)		30.00	54.00*	-24.00
	11340 (Pk)		53.73	68.23	-14.50
	11340 (Av)		41.23	54.00	-12.77
	17010 (Pk)		55.26	68.23	-12.97
	17010 (Av)		43.69	54.00	-10.31
	5670 (Pk)	Horizontal	77.89	-	-
	5670 (Av)		65.43	-	-
	5460 (Pk)		42.33	74.00*	-31.67
	5460 (Av)		29.73	54.00*	-24.27
	11340 (Pk)		53.37	68.23	-14.86
	11340 (Av)		41.26	54.00	-12.74
	17010 (Pk)		56.39	68.23	-11.84
	17010 (Av)		43.70	54.00	-10.30
5710	5710 (Pk)	Vertical	90.58	-	-
	5710 (Av)		78.06	-	-
	5460 (Pk)		43.42	74.00*	-30.58
	5460 (Av)		30.01	54.00*	-23.99
	11420 (Pk)		53.41	68.23	-14.82
	11420 (Av)		41.86	54.00	-12.14
	17130(Pk)		55.98	68.23	-12.25
	17130(Av)		43.90	54.00	-10.10
	5710 (Pk)	Horizontal	77.26	-	-
	5710 (Av)		64.56	-	-
	5460 (Pk)		43.03	74.00*	-30.97
	5460 (Av)		29.74	54.00*	-24.26
	11420 (Pk)		53.32	68.23	-14.91
	11420 (Av)		41.79	54.00	-12.21
	17130(Pk)		56.04	68.23	-12.19
	17130(Av)		43.93	54.00	-10.07

Modulation:802.11ac

Data Rate: MCS9

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	92.06	-	-
	5270 (Av)		79.79	-	-
	5350 (Pk)		42.74	74.00*	-31.26
	5350 (Av)		30.27	54.00*	-23.73
	10540 (Pk)		52.55	68.23	-15.68
	10540 (Av)		41.05	54.00	-12.95
	15810 (Pk)		52.69	68.23	-15.54
	15810 (Av)		40.58	54.00	-13.42
	5270 (Pk)	Horizontal	81.28	-	-
	5270 (Av)		68.96	-	-
	5350 (Pk)		42.70	74.00*	-31.30
	5350 (Av)		29.46	54.00*	-24.54
	10540 (Pk)		52.05	68.23	-16.18
	10540 (Av)		40.24	54.00	-13.76
	15810 (Pk)		52.90	68.23	-15.33
	15810 (Av)		40.60	54.00	-13.40
5310	5310 (Pk)	Vertical	91.46	-	-
	5310 (Pk)		78.76	-	-
	5350 (Pk)		43.32	74.00*	-30.68
	5350 (Pk)		30.46	54.00*	-23.54
	10620 (Pk)		53.23	68.23	-15.00
	10620 (Pk)		40.22	54.00	-13.78
	15930 (Pk)		52.74	68.23	-15.49
	15930 (Av)		40.83	54.00	-13.17
	5310 (Pk)	Horizontal	81.54	-	-
	5310 (Pk)		69.70	-	-
	5350 (Pk)		42.89	74.00*	-31.11
	5350 (Pk)		29.44	54.00*	-24.56
	10620 (Pk)		53.06	68.23	-15.17
	10620 (Pk)		40.25	54.00	-13.75
	15930 (Pk)		53.67	68.23	-14.56
	15930 (Av)		40.84	54.00	-13.16
5510	5510 (Pk)	Vertical	90.70	-	-
	5510 (Av)		78.31	-	-
	5460 (Pk)		43.04	74.00*	-30.96
	5460 (Av)		30.51	54.00*	-23.49
	11020 (Pk)		52.90	68.23	-15.33
	11020 (Av)		40.98	54.00	-13.02
	16530 (Pk)		55.09	68.23	-13.14
	16530 (Av)		42.92	54.00	-11.08
	5510 (Pk)	Horizontal	80.15	-	-
	5510 (Av)		67.70	-	-
	5460 (Pk)		42.47	74.00*	-31.53
	5460 (Av)		29.72	54.00*	-24.28
	11020 (Pk)		53.47	68.23	-14.76
	11020 (Av)		40.90	54.00	-13.10
	16530 (Pk)		54.76	68.23	-13.47
	16530 (Av)		43.00	54.00	-11.00

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	90.58	-	-
	5670 (Av)		77.81	-	-
	5460 (Pk)		42.69	74.00*	-31.31
	5460 (Av)		29.97	54.00*	-24.03
	11340 (Pk)		53.41	68.23	-14.82
	11340 (Av)		41.21	54.00	-12.79
	17010 (Pk)		55.74	68.23	-12.49
	17010 (Av)		43.74	54.00	-10.26
	5670 (Pk)	Horizontal	77.67	-	-
	5670 (Av)		64.72	-	-
	5460 (Pk)		43.15	74.00*	-30.85
	5460 (Av)		29.73	54.00*	-24.27
	11340 (Pk)		53.21	68.23	-15.02
	11340 (Av)		41.22	54.00	-12.78
	17010 (Pk)		56.93	68.23	-11.30
	17010 (Av)		43.69	54.00	-10.31
5710	5710 (Pk)	Vertical	90.40	-	-
	5710 (Av)		78.11	-	-
	5460 (Pk)		42.98	74.00*	-31.02
	5460 (Av)		29.96	54.00*	-24.04
	11420 (Pk)		53.67	68.23	-14.56
	11420 (Av)		41.89	54.00	-12.11
	17130(Pk)		56.10	68.23	-12.13
	17130(Av)		43.97	54.00	-10.03
	5710 (Pk)	Horizontal	77.75	-	-
	5710 (Av)		65.17	-	-
	5460 (Pk)		43.45	74.00*	-30.55
	5460 (Av)		29.74	54.00*	-24.26
	11420 (Pk)		54.72	68.23	-13.51
	11420 (Av)		41.92	54.00	-12.08
	17130(Pk)		56.23	68.23	-12.00
	17130(Av)		43.88	54.00	-10.12

Modulation: **802.11ax**

Data rate: **MCS11**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	92.72	-	-
	5270 (Av)		79.64	-	-
	5350 (Pk)		42.68	74.00*	-31.32
	5350 (Av)		30.25	54.00*	-23.75
	10540 (Pk)		52.32	68.23	-15.91
	10540 (Av)		40.26	54.00	-13.74
	15810 (Pk)		52.72	68.23	-15.51
	15810 (Av)		40.64	54.00	-13.36
	5270 (Pk)	Horizontal	81.87	-	-
	5270 (Av)		69.19	-	-
	5350 (Pk)		42.50	74.00*	-31.50
	5350 (Av)		29.43	54.00*	-24.57
	10540 (Pk)		52.76	68.23	-15.47
	10540 (Av)		40.11	54.00	-13.89
	15810 (Pk)		52.33	68.23	-15.90
	15810 (Av)		40.57	54.00	-13.43
5310	5310 (Pk)	Vertical	91.03	-	-
	5310 (Pk)		78.43	-	-
	5350 (Pk)		42.92	74.00*	-31.08
	5350 (Pk)		30.54	54.00*	-23.46
	10620 (Pk)		52.11	68.23	-16.12
	10620 (Pk)		40.31	54.00	-13.69
	15930 (Pk)		52.75	68.23	-15.48
	15930 (Av)		40.91	54.00	-13.09
	5310 (Pk)	Horizontal	82.30	-	-
	5310 (Pk)		69.58	-	-
	5350 (Pk)		42.67	74.00*	-31.33
	5350 (Pk)		29.40	54.00*	-24.60
	10620 (Pk)		52.55	68.23	-15.68
	10620 (Pk)		40.43	54.00	-13.57
	15930 (Pk)		52.72	68.23	-15.51
	15930 (Av)		40.85	54.00	-13.15
5510	5510 (Pk)	Vertical	91.01	-	-
	5510 (Av)		78.54	-	-
	5460 (Pk)		42.81	74.00*	-31.19
	5460 (Av)		30.70	54.00*	-23.30
	11020 (Pk)		53.63	68.23	-14.60
	11020 (Av)		40.97	54.00	-13.03
	16530 (Pk)		55.14	68.23	-13.09
	16530 (Av)		42.95	54.00	-11.05
	5510 (Pk)	Horizontal	80.47	-	-
	5510 (Av)		67.59	-	-
	5460 (Pk)		42.43	74.00*	-31.57
	5460 (Av)		29.77	54.00*	-24.23
	11020 (Pk)		52.61	68.23	-15.62
	11020 (Av)		40.93	54.00	-13.07
	16530 (Pk)		54.48	68.23	-13.75
	16530 (Av)		42.95	54.00	-11.05

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	92.64	-	-
	5670 (Av)		79.12	-	-
	5460 (Pk)		42.77	74.00*	-31.23
	5460 (Av)		30.10	54.00*	-23.90
	11340 (Pk)		53.81	68.23	-14.42
	11340 (Av)		41.25	54.00	-12.75
	17010 (Pk)		55.74	68.23	-12.49
	17010 (Av)		43.76	54.00	-10.24
	5670 (Pk)	Horizontal	76.66	-	-
	5670 (Av)		63.68	-	-
	5460 (Pk)		43.23	74.00*	-30.77
	5460 (Av)		29.70	54.00*	-24.30
	11340 (Pk)		53.43	68.23	-14.80
	11340 (Av)		41.24	54.00	-12.76
	17010 (Pk)		55.74	68.23	-12.49
	17010 (Av)		43.77	54.00	-10.23
5710	5710 (Pk)	Vertical	90.74	-	-
	5710 (Av)		78.29	-	-
	5460 (Pk)		43.06	74.00*	-30.94
	5460 (Av)		29.93	54.00*	-24.07
	11420 (Pk)		54.50	68.23	-13.73
	11420 (Av)		41.93	54.00	-12.07
	17130(Pk)		56.77	68.23	-11.46
	17130(Av)		44.02	54.00	-9.98
	5710 (Pk)	Horizontal	79.51	-	-
	5710 (Av)		65.39	-	-
	5460 (Pk)		42.73	74.00*	-31.27
	5460 (Av)		29.72	54.00*	-24.28
	11420 (Pk)		54.19	68.23	-14.04
	11420 (Av)		42.20	54.00	-11.80
	17130(Pk)		55.98	68.23	-12.25
	17130(Av)		43.96	54.00	-10.04

Bandwidth: 80MHz

Modulation: 802.11ac
Data Rate: MCS9

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	89.01	-	-
	5290 (Av)		76.66	-	-
	5350 (Pk)		44.13	74.00*	-29.87
	5350 (Av)		31.11	54.00*	-22.89
	10580 (Pk)		52.71	68.23	-15.52
	10580 (Av)		40.76	54.00	-13.24
	15870 (Pk)		53.54	68.23	-14.69
	15870 (Av)		40.97	54.00	-13.03
	5290 (Pk)	Horizontal	79.41	-	-
	5290 (Av)		67.40	-	-
	5350 (Pk)		42.46	74.00*	-31.54
	5350 (Av)		29.56	54.00*	-24.44
	10580 (Pk)		53.19	68.23	-15.04
	10580 (Av)		40.24	54.00	-13.76
	15870 (Pk)		52.57	68.23	-15.66
	15870 (Av)		40.97	54.00	-13.03
5530	5530 (Pk)	Vertical	87.88	-	-
	5530 (Av)		75.29	-	-
	5460 (Pk)		43.17	74.00*	-30.83
	5460 (Av)		30.65	54.00*	-23.35
	11060 (Pk)		53.41	68.23	-14.82
	11060 (Av)		40.87	54.00	-13.13
	16590 (Pk)		55.80	68.23	-12.43
	16590 (Av)		43.12	54.00	-10.88
	5530 (Pk)	Horizontal	77.33	-	-
	5530 (Av)		64.80	-	-
	5460 (Pk)		42.50	74.00*	-31.50
	5460 (Av)		29.85	54.00*	-24.15
	11060 (Pk)		52.95	68.23	-15.28
	11060 (Av)		40.87	54.00	-13.13
	16590 (Pk)		55.55	68.23	-12.68
	16590 (Av)		43.09	54.00	-10.91

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5690	5690 (Pk)	Vertical	91.86	-	-
	5690 (Av)		80.11	-	-
	5460 (Pk)		43.33	74.00*	-30.67
	5460 (Av)		31.00	54.00*	-23.00
	11380 (Pk)		53.64	68.23	-14.59
	11380 (Av)		41.83	54.00	-12.17
	17070 (Pk)		55.26	68.23	-12.97
	17070 (Av)		43.37	54.00	-10.63
	5690 (Pk)	Horizontal	90.83	-	-
	5690 (Av)		79.86	-	-
	5460 (Pk)		44.91	74.00*	-29.09
	5460 (Av)		32.48	54.00*	-21.52
	11380 (Pk)		54.10	68.23	-14.13
	11380 (Av)		41.93	54.00	-12.07
	17070 (Pk)		55.44	68.23	-12.79
	17070 (Av)		43.45	54.00	-10.55

Modulation: **802.11ax**

Data rate: **MCS11**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	94.84	-	-
	5290 (Av)		82.90	-	-
	5350 (Pk)		46.00	74.00*	-28.00
	5350 (Av)		31.94	54.00*	-22.06
	10580 (Pk)		52.02	68.23	-16.21
	10580 (Av)		40.21	54.00	-13.79
	15870 (Pk)		52.85	68.23	-15.38
	15870 (Av)		40.98	54.00	-13.02
	5290 (Pk)	Horizontal	95.85	-	-
	5290 (Av)		83.46	-	-
	5350 (Pk)		47.20	74.00*	-26.80
	5350 (Av)		33.04	54.00*	-20.96
	10580 (Pk)		51.81	68.23	-16.42
	10580 (Av)		40.26	54.00	-13.74
	15870 (Pk)		52.66	68.23	-15.57
	15870 (Av)		41.01	54.00	-12.99
5530	5530 (Pk)	Vertical	94.30	-	-
	5530 (Av)		82.06	-	-
	5460 (Pk)		44.42	74.00*	-29.58
	5460 (Av)		31.56	54.00*	-22.44
	11060 (Pk)		53.76	68.23	-14.47
	11060 (Av)		40.84	54.00	-13.16
	16590 (Pk)		56.01	68.23	-12.22
	16590 (Av)		43.13	54.00	-10.87
	5530 (Pk)	Horizontal	95.23	-	-
	5530 (Av)		82.74	-	-
	5460 (Pk)		45.29	74.00*	-28.71
	5460 (Av)		32.99	54.00*	-21.01
	11060 (Pk)		53.64	68.23	-14.59
	11060 (Av)		40.84	54.00	-13.16
	16590 (Pk)		55.81	68.23	-12.42
	16590 (Av)		43.11	54.00	-10.89
5690	5690 (Pk)	Vertical	92.39	-	-
	5690 (Av)		80.38	-	-
	5460 (Pk)		42.82	74.00*	-31.18
	5460 (Av)		30.88	54.00*	-23.12
	11380 (Pk)		54.04	68.23	-14.19
	11380 (Av)		41.82	54.00	-12.18
	17070 (Pk)		55.77	68.23	-12.46
	17070 (Av)		43.47	54.00	-10.53
	5690 (Pk)	Horizontal	91.91	-	-
	5690 (Av)		80.47	-	-
	5460 (Pk)		44.69	74.00*	-29.31
	5460 (Av)		32.34	54.00*	-21.66
	11380 (Pk)		54.46	68.23	-13.77
	11380 (Av)		41.89	54.00	-12.11
	17070 (Pk)		56.27	68.23	-11.96
	17070 (Av)		43.40	54.00	-10.60

Antenna Type & Antenna Gain: Sector Antenna & 21dBi

Bandwidth: 20MHz

Modulation:802.11a

Data Rate: 54Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	111.82	-	-
	5260 (Av)		96.77	-	-
	5350 (Pk)		50.43	74.00*	-23.57
	5350 (Av)		35.87	54.00*	-18.13
	10520 (Pk)		52.43	68.23	-15.80
	10520 (Av)		39.74	54.00	-14.26
	15780 (Pk)		49.11	68.23	-19.12
	15780 (Av)		36.79	54.00	-17.21
	5260 (Pk)	Horizontal	114.28	-	-
	5260 (Av)		98.94	-	-
	5350 (Pk)		54.15	74.00*	-19.85
	5350 (Av)		39.29	54.00*	-14.71
	10520 (Pk)		52.94	68.23	-15.29
	10520 (Av)		41.86	54.00	-12.14
	15780 (Pk)		48.77	68.23	-19.46
	15780 (Av)		36.82	54.00	-17.18
5320	5320 (Pk)	Vertical	111.52	-	-
	5320 (Av)		96.31	-	-
	5350 (Pk)		53.16	74.00*	-20.84
	5350 (Av)		37.98	54.00*	-16.02
	10640 (Pk)		52.13	68.23	-16.10
	10640 (Av)		40.14	54.00	-13.86
	15960 (Pk)		50.71	68.23	-17.52
	15960 (Av)		38.33	54.00	-15.67
	5320 (Pk)	Horizontal	114.61	-	-
	5320 (Av)		99.62	-	-
	5350 (Pk)		58.74	74.00*	-15.26
	5350 (Av)		43.26	54.00*	-10.74
	10640 (Pk)		52.51	68.23	-15.72
	10640 (Av)		40.22	54.00	-13.78
	15960 (Pk)		50.47	68.23	-17.76
	15960 (Av)		38.35	54.00	-15.65

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5500	5500 (Pk)	Vertical	112.62	-	-
	5500 (Av)		97.51	-	-
	5460 (Pk)		54.07	74.00*	-19.93
	5460 (Av)		41.69	54.00*	-12.31
	11000 (Pk)		52.52	68.23	-15.71
	11000 (Av)		40.46	54.00	-13.54
	16500 (Pk)		54.38	68.23	-13.85
	16500 (Av)		42.66	54.00	-11.34
	5500 (Pk)	Horizontal	114.94	-	-
	5500 (Av)		99.92	-	-
	5460 (Pk)		56.42	74.00*	-17.58
	5460 (Av)		42.37	54.00*	-11.63
	11000 (Pk)		52.84	68.23	-15.39
	11000 (Av)		40.84	54.00	-13.16
	16500 (Pk)		54.86	68.23	-13.37
	16500 (Av)		42.61	54.00	-11.39
5600	5600 (Pk)	Vertical	112.36	-	-
	5600 (Av)		97.06	-	-
	5460 (Pk)		49.79	74.00*	-24.21
	5460 (Av)		34.26	54.00*	-19.74
	11200 (Pk)		58.19	68.23	-10.04
	11200 (Av)		42.78	54.00	-11.22
	16800 (Pk)		55.07	68.23	-13.16
	16800 (Av)		43.40	54.00	-10.60
	5600 (Pk)	Horizontal	114.38	-	-
	5600 (Av)		99.29	-	-
	5460 (Pk)		50.55	74.00*	-23.45
	5460 (Av)		36.14	54.00*	-17.86
	11200 (Pk)		55.27	68.23	-12.96
	11200 (Av)		41.55	54.00	-12.45
	16800 (Pk)		55.65	68.23	-12.58
	16800 (Av)		43.39	54.00	-10.61
5700	5700 (Pk)	Vertical	108.86	-	-
	5700 (Av)		93.59	-	-
	5460 (Pk)		49.23	74.00*	-24.77
	5460 (Av)		34.16	54.00*	-19.84
	11400 (Pk)		62.76	68.23	-5.47
	11400 (Av)		46.04	54.00	-7.96
	17100 (Pk)		55.84	68.23	-12.39
	17100 (Av)		43.48	54.00	-10.52
	5700 (Pk)	Horizontal	113.25	-	-
	5700 (Av)		98.21	-	-
	5460 (Pk)		51.93	74.00*	-22.07
	5460 (Av)		36.66	54.00*	-17.34
	11400 (Pk)		67.47	68.23	-0.76
	11400 (Av)		49.78	54.00	-4.22
	17100 (Pk)		55.80	68.23	-12.43
	17100 (Av)		43.54	54.00	-10.46

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5720	5720 (Pk)	Vertical	108.96	-	-
	5720 (Av)		93.95	-	-
	5460 (Pk)		48.59	74.00*	-25.41
	5460 (Av)		34.00	54.00*	-20.00
	11440 (Pk)		59.67	68.23	-8.56
	11440 (Av)		44.12	54.00	-9.88
	17160(Pk)		56.19	68.23	-12.04
	17160(Av)		43.62	54.00	-10.38
	5720 (Pk)	Horizontal	114.08	-	-
	5720 (Av)		98.66	-	-
	5460 (Pk)		51.59	74.00*	-22.41
	5460 (Av)		36.59	54.00*	-17.41
	11440 (Pk)		65.80	68.23	-2.43
	11440 (Av)		47.76	54.00	-6.24
	17160(Pk)		55.40	68.23	-12.83
	17160(Av)		43.63	54.00	-10.37

Modulation: 802.11n

Data Rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	112.84	-	-
	5260 (Av)		101.34	-	-
	5350 (Pk)		49.52	74.00*	-24.48
	5350 (Av)		37.11	54.00*	-16.89
	10520 (Pk)		52.08	68.23	-16.15
	10520 (Av)		40.28	54.00	-13.72
	15780 (Pk)		52.58	68.23	-15.65
	15780 (Av)		40.50	54.00	-13.50
	5260 (Pk)	Horizontal	114.56	-	-
	5260 (Av)		103.62	-	-
	5350 (Pk)		53.20	74.00*	-20.80
	5350 (Av)		39.92	54.00*	-14.08
	10520 (Pk)		52.28	68.23	-15.95
	10520 (Av)		40.05	54.00	-13.95
	15780 (Pk)		53.15	68.23	-15.08
	15780 (Av)		40.49	54.00	-13.51
5320	5320 (Pk)	Vertical	112.47	-	-
	5320 (Av)		101.42	-	-
	5350 (Pk)		53.83	74.00*	-20.17
	5350 (Av)		41.68	54.00*	-12.32
	10640 (Pk)		52.90	68.23	-15.33
	10640 (Av)		40.91	54.00	-13.09
	15960 (Pk)		53.36	68.23	-14.87
	15960 (Av)		41.35	54.00	-12.65
	5320 (Pk)	Horizontal	114.86	-	-
	5320 (Av)		103.45	-	-
	5350 (Pk)		65.90	74.00*	-8.10
	5350 (Av)		47.88	54.00*	-6.12
	10640 (Pk)		52.67	68.23	-15.56
	10640 (Av)		42.74	54.00	-11.26
	15960 (Pk)		53.34	68.23	-14.89
	15960 (Av)		41.36	54.00	-12.64
5500	5500 (Pk)	Vertical	112.29	-	-
	5500 (Av)		100.88	-	-
	5460 (Pk)		54.34	74.00*	-19.66
	5460 (Av)		42.27	54.00*	-11.73
	11000 (Pk)		52.71	68.23	-15.52
	11000 (Av)		40.61	54.00	-13.39
	16500 (Pk)		54.52	68.23	-13.71
	16500 (Av)		42.79	54.00	-11.21
	5500 (Pk)	Horizontal	116.08	-	-
	5500 (Av)		104.70	-	-
	5460 (Pk)		58.27	74.00*	-15.73
	5460 (Av)		43.81	54.00*	-10.19
	11000 (Pk)		53.51	68.23	-14.72
	11000 (Av)		40.72	54.00	-13.28
	16500 (Pk)		54.63	68.23	-13.60
	16500 (Av)		42.79	54.00	-11.21

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	112.87	-	-
	5600 (Av)		101.37	-	-
	5460 (Pk)		49.67	74.00*	-24.33
	5460 (Av)		37.06	54.00*	-16.94
	11200 (Pk)		53.75	68.23	-14.48
	11200 (Av)		41.78	54.00	-12.22
	16800 (Pk)		55.78	68.23	-12.45
	16800 (Av)		43.21	54.00	-10.79
	5600 (Pk)	Horizontal	114.11	-	-
	5600 (Av)		103.15	-	-
	5460 (Pk)		52.12	74.00*	-21.88
	5460 (Av)		39.19	54.00*	-14.81
	11200 (Pk)		54.18	68.23	-14.05
	11200 (Av)		41.76	54.00	-12.24
	16800 (Pk)		55.27	68.23	-12.96
	16800 (Av)		43.23	54.00	-10.77
5700	5700 (Pk)	Vertical	109.68	-	-
	5700 (Av)		98.09	-	-
	5460 (Pk)		49.07	74.00*	-24.93
	5460 (Av)		36.60	54.00*	-17.40
	11400 (Pk)		62.09	68.23	-6.14
	11400 (Av)		47.56	54.00	-6.44
	17100 (Pk)		55.23	68.23	-13.00
	17100 (Av)		43.32	54.00	-10.68
	5700 (Pk)	Horizontal	113.51	-	-
	5700 (Av)		101.97	-	-
	5460 (Pk)		52.07	74.00*	-21.93
	5460 (Av)		39.27	54.00*	-14.73
	11400 (Pk)		66.80	68.23	-1.43
	11400 (Av)		51.64	54.00	-2.36
	17100 (Pk)		55.40	68.23	-12.83
	17100 (Av)		43.33	54.00	-10.67
5720	5720 (Pk)	Vertical	108.74	-	-
	5720 (Av)		97.54	-	-
	5460 (Pk)		49.04	74.00*	-24.96
	5460 (Av)		36.49	54.00*	-17.51
	11440 (Pk)		62.96	68.23	-5.27
	11440 (Av)		46.60	54.00	-7.40
	17160(Pk)		56.13	68.23	-12.10
	17160(Av)		43.76	54.00	-10.24
	5720 (Pk)	Horizontal	112.51	-	-
	5720 (Av)		101.52	-	-
	5460 (Pk)		53.14	74.00*	-20.86
	5460 (Av)		39.74	54.00*	-14.26
	11440 (Pk)		64.86	68.23	-3.37
	11440 (Av)		49.39	54.00	-4.61
	17160(Pk)		56.34	68.23	-11.89
	17160(Av)		43.79	54.00	-10.21

Modulation:802.11ac

Data Rate: MCS8

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	107.31	-	-
	5260 (Av)		95.74	-	-
	5350 (Pk)		45.33	74.00*	-28.67
	5350 (Av)		32.61	54.00*	-21.39
	10520 (Pk)		52.29	68.23	-15.94
	10520 (Av)		40.50	54.00	-13.50
	15780 (Pk)		53.30	68.23	-14.93
	15780 (Av)		40.69	54.00	-13.31
	5260 (Pk)	Horizontal	113.43	-	-
	5260 (Av)		102.05	-	-
	5350 (Pk)		50.84	74.00*	-23.16
	5350 (Av)		38.77	54.00*	-15.23
	10520 (Pk)		53.00	68.23	-15.23
	10520 (Av)		40.08	54.00	-13.92
	15780 (Pk)		52.55	68.23	-15.68
	15780 (Av)		40.72	54.00	-13.28
5320	5320 (Pk)	Vertical	108.55	-	-
	5320 (Av)		98.33	-	-
	5350 (Pk)		50.38	74.00*	-23.62
	5350 (Av)		37.46	54.00*	-16.54
	10640 (Pk)		52.70	68.23	-15.53
	10640 (Av)		40.89	54.00	-13.11
	15960 (Pk)		54.24	68.23	-13.99
	15960 (Av)		41.51	54.00	-12.49
	5320 (Pk)	Horizontal	114.63	-	-
	5320 (Av)		103.09	-	-
	5350 (Pk)		54.60	74.00*	-19.40
	5350 (Av)		42.39	54.00*	-11.61
	10640 (Pk)		53.24	68.23	-14.99
	10640 (Av)		42.43	54.00	-11.57
	15960 (Pk)		53.28	68.23	-14.95
	15960 (Av)		41.49	54.00	-12.51
5500	5500 (Pk)	Vertical	110.68	-	-
	5500 (Av)		99.87	-	-
	5460 (Pk)		51.09	74.00*	-22.91
	5460 (Av)		38.41	54.00*	-15.59
	11000 (Pk)		53.41	68.23	-14.82
	11000 (Av)		40.96	54.00	-13.04
	16500 (Pk)		55.77	68.23	-12.46
	16500 (Av)		42.91	54.00	-11.09
	5500 (Pk)	Horizontal	115.38	-	-
	5500 (Av)		104.10	-	-
	5460 (Pk)		55.68	74.00*	-18.32
	5460 (Av)		43.32	54.00*	-10.68
	11000 (Pk)		53.24	68.23	-14.99
	11000 (Av)		41.02	54.00	-12.98
	16500 (Pk)		54.83	68.23	-13.40
	16500 (Av)		42.93	54.00	-11.07

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	108.18	-	-
	5600 (Av)		97.18	-	-
	5460 (Pk)		45.33	74.00*	-28.67
	5460 (Av)		33.26	54.00*	-20.74
	11200 (Pk)		54.23	68.23	-14.00
	11200 (Av)		41.69	54.00	-12.31
	16800 (Pk)		53.51	68.23	-14.72
	16800 (Av)		43.28	54.00	-10.72
	5600 (Pk)	Horizontal	114.49	-	-
	5600 (Av)		103.59	-	-
	5460 (Pk)		49.42	74.00*	-24.58
	5460 (Av)		35.97	54.00*	-18.03
	11200 (Pk)		59.08	68.23	-9.15
	11200 (Av)		44.27	54.00	-9.73
	16800 (Pk)		55.24	68.23	-12.99
	16800 (Av)		43.31	54.00	-10.69
5700	5700 (Pk)	Vertical	109.10	-	-
	5700 (Av)		98.53	-	-
	5460 (Pk)		46.87	74.00*	-27.13
	5460 (Av)		34.83	54.00*	-19.17
	11400 (Pk)		57.09	68.23	-11.14
	11400 (Av)		43.60	54.00	-10.40
	17100 (Pk)		55.44	68.23	-12.79
	17100 (Av)		43.41	54.00	-10.59
	5700 (Pk)	Horizontal	113.08	-	-
	5700 (Av)		101.96	-	-
	5460 (Pk)		49.22	74.00*	-24.78
	5460 (Av)		36.30	54.00*	-17.70
	11400 (Pk)		60.70	68.23	-7.53
	11400 (Av)		46.30	54.00	-7.70
	17100 (Pk)		55.57	68.23	-12.66
	17100 (Av)		43.45	54.00	-10.55
5720	5720 (Pk)	Vertical	107.84	-	-
	5720 (Av)		96.99	-	-
	5460 (Pk)		46.71	74.00*	-27.29
	5460 (Av)		34.09	54.00*	-19.91
	11440 (Pk)		58.83	68.23	-9.40
	11440 (Av)		44.64	54.00	-9.36
	17160(Pk)		56.75	68.23	-11.48
	17160(Av)		43.89	54.00	-10.11
	5720 (Pk)	Horizontal	113.17	-	-
	5720 (Av)		102.04	-	-
	5460 (Pk)		49.96	74.00*	-24.04
	5460 (Av)		36.67	54.00*	-17.33
	11440 (Pk)		61.32	68.23	-6.91
	11440 (Av)		47.64	54.00	-6.36
	17160(Pk)		55.78	68.23	-12.45
	17160(Av)		43.92	54.00	-10.08

Modulation:802.11ax

Data Rate: MCS11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	109.31	-	-
	5260 (Av)		97.53	-	-
	5350 (Pk)		49.87	74.00*	-24.13
	5350 (Av)		36.68	54.00*	-17.32
	10520 (Pk)		52.11	68.23	-16.12
	10520 (Av)		40.50	54.00	-13.50
	15780 (Pk)		52.49	68.23	-15.74
	15780 (Av)		40.67	54.00	-13.33
	5260 (Pk)	Horizontal	114.74	-	-
	5260 (Av)		102.80	-	-
	5350 (Pk)		53.21	74.00*	-20.79
	5350 (Av)		40.82	54.00*	-13.18
	10520 (Pk)		53.15	68.23	-15.08
	10520 (Av)		40.61	54.00	-13.39
	15780 (Pk)		52.44	68.23	-15.79
	15780 (Av)		40.67	54.00	-13.33
5320	5320 (Pk)	Vertical	112.15	-	-
	5320 (Av)		99.20	-	-
	5350 (Pk)		52.32	74.00*	-21.68
	5350 (Av)		38.66	54.00*	-15.34
	10640 (Pk)		53.26	68.23	-14.97
	10640 (Av)		41.07	54.00	-12.93
	15960 (Pk)		53.67	68.23	-14.56
	15960 (Av)		41.52	54.00	-12.48
	5320 (Pk)	Horizontal	115.38	-	-
	5320 (Av)		104.02	-	-
	5350 (Pk)		63.81	74.00*	-10.19
	5350 (Av)		48.07	54.00*	-5.93
	10640 (Pk)		52.45	68.23	-15.78
	10640 (Av)		40.45	54.00	-13.55
	15960 (Pk)		53.80	68.23	-14.43
	15960 (Av)		41.47	54.00	-12.53
5500	5500 (Pk)	Vertical	113.04	-	-
	5500 (Av)		101.10	-	-
	5460 (Pk)		54.66	74.00*	-19.34
	5460 (Av)		39.12	54.00*	-14.88
	11000 (Pk)		53.04	68.23	-15.19
	11000 (Av)		41.13	54.00	-12.87
	16500 (Pk)		55.34	68.23	-12.89
	16500 (Av)		42.94	54.00	-11.06
	5500 (Pk)	Horizontal	116.93	-	-
	5500 (Av)		104.73	-	-
	5460 (Pk)		60.79	74.00*	-13.21
	5460 (Av)		44.56	54.00*	-9.44
	11000 (Pk)		53.05	68.23	-15.18
	11000 (Av)		41.09	54.00	-12.91
	16500 (Pk)		55.40	68.23	-12.83
	16500 (Av)		42.92	54.00	-11.08

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	110.69	-	-
	5600 (Av)		98.83	-	-
	5460 (Pk)		48.44	74.00*	-25.56
	5460 (Av)		36.15	54.00*	-17.85
	11200 (Pk)		54.14	68.23	-14.09
	11200 (Av)		41.74	54.00	-12.26
	16800 (Pk)		55.36	68.23	-12.87
	16800 (Av)		43.29	54.00	-10.71
	5600 (Pk)	Horizontal	115.87	-	-
	5600 (Av)		103.90	-	-
	5460 (Pk)		50.90	74.00*	-23.10
	5460 (Av)		38.40	54.00*	-15.60
	11200 (Pk)		58.24	68.23	-9.99
	11200 (Av)		44.67	54.00	-9.33
	16800 (Pk)		55.21	68.23	-13.02
	16800 (Av)		43.28	54.00	-10.72
5700	5700 (Pk)	Vertical	110.20	-	-
	5700 (Av)		98.07	-	-
	5460 (Pk)		47.20	74.00*	-26.80
	5460 (Av)		34.98	54.00*	-19.02
	11400 (Pk)		54.29	68.23	-13.94
	11400 (Av)		42.80	54.00	-11.20
	17100 (Pk)		56.03	68.23	-12.20
	17100 (Av)		43.49	54.00	-10.51
	5700 (Pk)	Horizontal	115.36	-	-
	5700 (Av)		103.51	-	-
	5460 (Pk)		51.53	74.00*	-22.47
	5460 (Av)		39.59	54.00*	-14.41
	11400 (Pk)		59.04	68.23	-9.19
	11400 (Av)		45.22	54.00	-8.78
	17100 (Pk)		55.61	68.23	-12.62
	17100 (Av)		43.46	54.00	-10.54
5720	5720 (Pk)	Vertical	109.85	-	-
	5720 (Av)		98.29	-	-
	5460 (Pk)		46.84	74.00*	-27.16
	5460 (Av)		35.15	54.00*	-18.85
	11440 (Pk)		58.76	68.23	-9.47
	11440 (Av)		44.48	54.00	-9.52
	17160(Pk)		56.71	68.23	-11.52
	17160(Av)		43.88	54.00	-10.12
	5720 (Pk)	Horizontal	114.48	-	-
	5720 (Av)		102.66	-	-
	5460 (Pk)		53.24	74.00*	-20.76
	5460 (Av)		39.80	54.00*	-14.20
	11440 (Pk)		61.88	68.23	-6.35
	11440 (Av)		46.61	54.00	-7.39
	17160(Pk)		55.66	68.23	-12.57
	17160(Av)		43.90	54.00	-10.10

Bandwidth: 40MHz

Modulation: 802.11n-HT40
Data rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	107.08	-	-
	5270 (Av)		95.20	-	-
	5350 (Pk)		48.09	74.00*	-25.91
	5350 (Av)		35.15	54.00*	-18.85
	10540 (Pk)		52.35	68.23	-15.88
	10540 (Av)		40.55	54.00	-13.45
	15810 (Pk)		49.32	68.23	-18.91
	15810 (Av)		37.28	54.00	-16.72
	5270 (Pk)	Horizontal	112.45	-	-
	5270 (Av)		100.44	-	-
	5350 (Pk)		54.20	74.00*	-19.80
	5350 (Av)		41.32	54.00*	-12.68
	10540 (Pk)		52.33	68.23	-15.90
	10540 (Av)		40.43	54.00	-13.57
	15810 (Pk)		49.78	68.23	-18.45
	15810 (Av)		37.28	54.00	-16.72
5310	5310 (Pk)	Vertical	106.07	-	-
	5310 (Pk)		94.68	-	-
	5350 (Pk)		50.89	74.00*	-23.11
	5350 (Pk)		38.74	54.00*	-15.26
	10620 (Pk)		52.46	68.23	-15.77
	10620 (Pk)		41.17	54.00	-12.83
	15930 (Pk)		49.36	68.23	-18.87
	15930 (Av)		37.00	54.00	-17.00
	5310 (Pk)	Horizontal	112.78	-	-
	5310 (Pk)		100.58	-	-
	5350 (Pk)		70.61	74.00*	-3.39
	5350 (Pk)		52.17	54.00*	-1.83
	10620 (Pk)		52.46	68.23	-15.77
	10620 (Pk)		40.66	54.00	-13.34
	15930 (Pk)		49.00	68.23	-19.23
	15930 (Av)		37.01	54.00	-16.99
5510	5510 (Pk)	Vertical	105.48	-	-
	5510 (Av)		93.27	-	-
	5460 (Pk)		50.08	74.00*	-23.92
	5460 (Av)		36.48	54.00*	-17.52
	11020 (Pk)		52.63	68.23	-15.60
	11020 (Av)		40.75	54.00	-13.25
	16530 (Pk)		51.07	68.23	-17.16
	16530 (Av)		39.04	54.00	-14.96
	5510 (Pk)	Horizontal	111.58	-	-
	5510 (Av)		99.87	-	-
	5460 (Pk)		61.56	74.00*	-12.44
	5460 (Av)		45.01	54.00*	-8.99
	11020 (Pk)		53.11	68.23	-15.12
	11020 (Av)		41.52	54.00	-12.48
	16530 (Pk)		51.71	68.23	-16.52
	16530 (Av)		39.06	54.00	-14.94

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	103.28	-	-
	5670 (Av)		91.78	-	-
	5460 (Pk)		46.35	74.00*	-27.65
	5460 (Av)		33.40	54.00*	-20.60
	11340 (Pk)		53.76	68.23	-14.47
	11340 (Av)		42.17	54.00	-11.83
	17010 (Pk)		54.54	68.23	-13.69
	17010 (Av)		41.70	54.00	-12.30
	5670 (Pk)	Horizontal	110.75	-	-
	5670 (Av)		99.43	-	-
	5460 (Pk)		52.31	74.00*	-21.69
	5460 (Av)		39.61	54.00*	-14.39
	11340 (Pk)		58.82	68.23	-9.41
	11340 (Av)		45.18	54.00	-8.82
	17010 (Pk)		54.77	68.23	-13.46
	17010 (Av)		41.70	54.00	-12.30
5710	5710 (Pk)	Vertical	103.98	-	-
	5710 (Av)		92.88	-	-
	5460 (Pk)		45.96	74.00*	-28.04
	5460 (Av)		33.47	54.00*	-20.53
	11420 (Pk)		54.48	68.23	-13.75
	11420 (Av)		42.95	54.00	-11.05
	17130(Pk)		54.40	68.23	-13.83
	17130(Av)		42.00	54.00	-12.00
	5710 (Pk)	Horizontal	111.82	-	-
	5710 (Av)		100.41	-	-
	5460 (Pk)		53.00	74.00*	-21.00
	5460 (Av)		40.16	54.00*	-13.84
	11420 (Pk)		62.50	68.23	-5.73
	11420 (Av)		48.51	54.00	-5.49
	17130(Pk)		54.09	68.23	-14.14
	17130(Av)		41.96	54.00	-12.04

Modulation:802.11ac

Data Rate: MCS9

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	106.59	-	-
	5270 (Av)		95.08	-	-
	5350 (Pk)		48.22	74.00*	-25.78
	5350 (Av)		35.34	54.00*	-18.66
	10540 (Pk)		52.47	68.23	-15.76
	10540 (Av)		40.06	54.00	-13.94
	15810 (Pk)		51.92	68.23	-16.31
	15810 (Av)		39.55	54.00	-14.45
	5270 (Pk)	Horizontal	112.16	-	-
	5270 (Av)		100.78	-	-
	5350 (Pk)		57.15	74.00*	-16.85
	5350 (Av)		41.67	54.00*	-12.33
	10540 (Pk)		52.09	68.23	-16.14
	10540 (Av)		40.18	54.00	-13.82
	15810 (Pk)		52.23	68.23	-16.00
	15810 (Av)		39.57	54.00	-14.43
5310	5310 (Pk)	Vertical	106.19	-	-
	5310 (Pk)		94.55	-	-
	5350 (Pk)		51.58	74.00*	-22.42
	5350 (Pk)		39.28	54.00*	-14.72
	10620 (Pk)		52.28	68.23	-15.95
	10620 (Pk)		41.28	54.00	-12.72
	15930 (Pk)		51.89	68.23	-16.34
	15930 (Av)		40.09	54.00	-13.91
	5310 (Pk)	Horizontal	111.82	-	-
	5310 (Pk)		100.52	-	-
	5350 (Pk)		71.90	74.00*	-2.10
	5350 (Pk)		52.94	54.00*	-1.06
	10620 (Pk)		52.37	68.23	-15.86
	10620 (Pk)		40.51	54.00	-13.49
	15930 (Pk)		52.12	68.23	-16.11
	15930 (Av)		40.06	54.00	-13.94
5510	5510 (Pk)	Vertical	106.05	-	-
	5510 (Av)		94.17	-	-
	5460 (Pk)		49.32	74.00*	-24.68
	5460 (Av)		36.97	54.00*	-17.03
	11020 (Pk)		53.87	68.23	-14.36
	11020 (Av)		40.91	54.00	-13.09
	16530 (Pk)		55.28	68.23	-12.95
	16530 (Av)		42.74	54.00	-11.26
	5510 (Pk)	Horizontal	112.83	-	-
	5510 (Av)		100.62	-	-
	5460 (Pk)		63.62	74.00*	-10.38
	5460 (Av)		47.83	54.00*	-6.17
	11020 (Pk)		53.17	68.23	-15.06
	11020 (Av)		40.92	54.00	-13.08
	16530 (Pk)		54.85	68.23	-13.38
	16530 (Av)		42.77	54.00	-11.23

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	104.67	-	-
	5670 (Av)		93.08	-	-
	5460 (Pk)		47.29	74.00*	-26.71
	5460 (Av)		34.02	54.00*	-19.98
	11340 (Pk)		54.53	68.23	-13.70
	11340 (Av)		42.51	54.00	-11.49
	17010 (Pk)		55.72	68.23	-12.51
	17010 (Av)		43.49	54.00	-10.51
	5670 (Pk)	Horizontal	111.99	-	-
	5670 (Av)		100.48	-	-
	5460 (Pk)		52.82	74.00*	-21.18
	5460 (Av)		39.70	54.00*	-14.30
	11340 (Pk)		60.65	68.23	-7.58
	11340 (Av)		46.13	54.00	-7.87
	17010 (Pk)		56.09	68.23	-12.14
	17010 (Av)		43.51	54.00	-10.49
5710	5710 (Pk)	Vertical	107.47	-	-
	5710 (Av)		95.94	-	-
	5460 (Pk)		48.15	74.00*	-25.85
	5460 (Av)		35.41	54.00*	-18.59
	11420 (Pk)		59.36	68.23	-8.87
	11420 (Av)		45.03	54.00	-8.97
	17130(Pk)		56.86	68.23	-11.37
	17130(Av)		43.68	54.00	-10.32
	5710 (Pk)	Horizontal	112.41	-	-
	5710 (Av)		101.37	-	-
	5460 (Pk)		52.85	74.00*	-21.15
	5460 (Av)		40.28	54.00*	-13.72
	11420 (Pk)		66.49	68.23	-1.74
	11420 (Av)		51.69	54.00	-2.31
	17130(Pk)		55.84	68.23	-12.39
	17130(Av)		43.74	54.00	-10.26

Modulation: **802.11ax-VHT40**
Data rate: **MCS11**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	107.92	-	-
	5270 (Av)		95.84	-	-
	5350 (Pk)		47.67	74.00*	-26.33
	5350 (Av)		35.59	54.00*	-18.41
	10540 (Pk)		52.43	68.23	-15.80
	10540 (Av)		40.46	54.00	-13.54
	15810 (Pk)		52.13	68.23	-16.10
	15810 (Av)		39.59	54.00	-14.41
	5270 (Pk)	Horizontal	113.29	-	-
	5270 (Av)		101.18	-	-
	5350 (Pk)		56.03	74.00*	-17.97
	5350 (Av)		42.24	54.00*	-11.76
	10540 (Pk)		52.41	68.23	-15.82
	10540 (Av)		41.97	54.00	-12.03
	15810 (Pk)		51.70	68.23	-16.53
	15810 (Av)		39.58	54.00	-14.42
5310	5310 (Pk)	Vertical	106.40	-	-
	5310 (Pk)		94.26	-	-
	5350 (Pk)		50.62	74.00*	-23.38
	5350 (Pk)		37.73	54.00*	-16.27
	10620 (Pk)		52.47	68.23	-15.76
	10620 (Pk)		41.71	54.00	-12.29
	15930 (Pk)		52.26	68.23	-15.97
	15930 (Av)		40.06	54.00	-13.94
	5310 (Pk)	Horizontal	113.05	-	-
	5310 (Pk)		100.77	-	-
	5350 (Pk)		71.94	74.00*	-2.06
	5350 (Pk)		50.95	54.00*	-3.05
	10620 (Pk)		52.02	68.23	-16.21
	10620 (Pk)		40.22	54.00	-13.78
	15930 (Pk)		53.34	68.23	-14.89
	15930 (Av)		40.07	54.00	-13.93
5510	5510 (Pk)	Vertical	107.10	-	-
	5510 (Av)		94.70	-	-
	5460 (Pk)		51.06	74.00*	-22.94
	5460 (Av)		37.67	54.00*	-16.33
	11020 (Pk)		52.94	68.23	-15.29
	11020 (Av)		40.80	54.00	-13.20
	16530 (Pk)		54.77	68.23	-13.46
	16530 (Av)		42.80	54.00	-11.20
	5510 (Pk)	Horizontal	113.93	-	-
	5510 (Av)		101.32	-	-
	5460 (Pk)		67.09	74.00*	-6.91
	5460 (Av)		49.47	54.00*	-4.53
	11020 (Pk)		53.44	68.23	-14.79
	11020 (Av)		42.19	54.00	-11.81
	16530 (Pk)		54.77	68.23	-13.46
	16530 (Av)		42.82	54.00	-11.18

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	106.07	-	-
	5670 (Av)		93.93	-	-
	5460 (Pk)		46.19	74.00*	-27.81
	5460 (Av)		34.21	54.00*	-19.79
	11340 (Pk)		55.26	68.23	-12.97
	11340 (Av)		43.04	54.00	-10.96
	17010 (Pk)		55.41	68.23	-12.82
	17010 (Av)		43.48	54.00	-10.52
	5670 (Pk)	Horizontal	113.23	-	-
	5670 (Av)		100.88	-	-
	5460 (Pk)		52.07	74.00*	-21.93
	5460 (Av)		40.27	54.00*	-13.73
	11340 (Pk)		61.87	68.23	-6.36
	11340 (Av)		47.84	54.00	-6.16
	17010 (Pk)		55.95	68.23	-12.28
	17010 (Av)		43.50	54.00	-10.50
5710	5710 (Pk)	Vertical	106.32	-	-
	5710 (Av)		93.95	-	-
	5460 (Pk)		46.27	74.00*	-27.73
	5460 (Av)		34.23	54.00*	-19.77
	11420 (Pk)		54.53	68.23	-13.70
	11420 (Av)		42.39	54.00	-11.61
	17130(Pk)		56.05	68.23	-12.18
	17130(Av)		43.79	54.00	-10.21
	5710 (Pk)	Horizontal	113.19	-	-
	5710 (Av)		101.41	-	-
	5460 (Pk)		53.27	74.00*	-20.73
	5460 (Av)		40.62	54.00*	-13.38
	11420 (Pk)		64.34	68.23	-3.89
	11420 (Av)		47.82	54.00	-6.18
	17130(Pk)		55.77	68.23	-12.46
	17130(Av)		43.80	54.00	-10.20

Bandwidth: 80MHz

Modulation:802.11ac

Data Rate: MCS9

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	100.88	-	-
	5290 (Av)		89.17	-	-
	5350 (Pk)		52.24	74.00*	-21.76
	5350 (Av)		37.00	54.00*	-17.00
	10580 (Pk)		53.51	68.23	-14.72
	10580 (Av)		41.62	54.00	-12.38
	15870 (Pk)		51.71	68.23	-16.52
	15870 (Av)		39.84	54.00	-14.16
	5290 (Pk)	Horizontal	107.02	-	-
	5290 (Av)		94.93	-	-
	5350 (Pk)		64.91	74.00*	-9.09
	5350 (Av)		46.32	54.00*	-7.68
	10580 (Pk)		53.12	68.23	-15.11
	10580 (Av)		42.16	54.00	-11.84
	15870 (Pk)		51.87	68.23	-16.36
	15870 (Av)		39.86	54.00	-14.14
5530	5530 (Pk)	Vertical	101.19	-	-
	5530 (Av)		89.87	-	-
	5460 (Pk)		49.84	74.00*	-24.16
	5460 (Av)		37.83	54.00*	-16.17
	11060 (Pk)		52.70	68.23	-15.53
	11060 (Av)		40.86	54.00	-13.14
	16590 (Pk)		55.08	68.23	-13.15
	16590 (Av)		42.76	54.00	-11.24
	5530 (Pk)	Horizontal	108.54	-	-
	5530 (Av)		96.67	-	-
	5460 (Pk)		67.99	74.00*	-6.01
	5460 (Av)		51.44	54.00*	-2.56
	11060 (Pk)		52.84	68.23	-15.39
	11060 (Av)		41.17	54.00	-12.83
	16590 (Pk)		54.68	68.23	-13.55
	16590 (Av)		42.73	54.00	-11.27
5690	5690 (Pk)	Vertical	102.58	-	-
	5690 (Av)		90.13	-	-
	5460 (Pk)		47.09	74.00*	-26.91
	5460 (Av)		34.45	54.00*	-19.55
	11380 (Pk)		54.66	68.23	-13.57
	11380 (Av)		42.52	54.00	-11.48
	17070 (Pk)		55.50	68.23	-12.73
	17070 (Av)		43.26	54.00	-10.74
	5690 (Pk)	Horizontal	108.21	-	-
	5690 (Av)		96.15	-	-
	5460 (Pk)		53.41	74.00*	-20.59
	5460 (Av)		40.90	54.00*	-13.10
	11380 (Pk)		61.67	68.23	-6.56
	11380 (Av)		47.11	54.00	-6.89
	17070 (Pk)		56.81	68.23	-11.42
	17070 (Av)		43.26	54.00	-10.74

Modulation:802.11ax

Data Rate: MCS11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	102.09	-	-
	5290 (Av)		90.26	-	-
	5350 (Pk)		52.04	74.00*	-21.96
	5350 (Av)		37.45	54.00*	-16.55
	10580 (Pk)		52.98	68.23	-15.25
	10580 (Av)		42.05	54.00	-11.95
	15870 (Pk)		52.98	68.23	-15.25
	15870 (Av)		39.83	54.00	-14.17
	5290 (Pk)	Horizontal	109.06	-	-
	5290 (Av)		96.71	-	-
	5350 (Pk)		67.76	74.00*	-6.24
	5350 (Av)		48.31	54.00*	-5.69
	10580 (Pk)		53.74	68.23	-14.49
	10580 (Av)		43.03	54.00	-10.97
	15870 (Pk)		52.50	68.23	-15.73
	15870 (Av)		39.85	54.00	-14.15
5530	5530 (Pk)	Vertical	102.02	-	-
	5530 (Av)		89.58	-	-
	5460 (Pk)		50.44	74.00*	-23.56
	5460 (Av)		37.27	54.00*	-16.73
	11060 (Pk)		52.84	68.23	-15.39
	11060 (Av)		40.88	54.00	-13.12
	16590 (Pk)		55.06	68.23	-13.17
	16590 (Av)		42.73	54.00	-11.27
	5530 (Pk)	Horizontal	108.39	-	-
	5530 (Av)		96.09	-	-
	5460 (Pk)		65.69	74.00*	-8.31
	5460 (Av)		49.94	54.00*	-4.06
	11060 (Pk)		53.06	68.23	-15.17
	11060 (Av)		40.85	54.00	-13.15
	16590 (Pk)		55.19	68.23	-13.04
	16590 (Av)		42.80	54.00	-11.20
5690	5690 (Pk)	Vertical	103.19	-	-
	5690 (Av)		91.48	-	-
	5460 (Pk)		47.53	74.00*	-26.47
	5460 (Av)		34.95	54.00*	-19.05
	11380 (Pk)		54.12	68.23	-14.11
	11380 (Av)		42.48	54.00	-11.52
	17070 (Pk)		55.42	68.23	-12.81
	17070 (Av)		43.32	54.00	-10.68
	5690 (Pk)	Horizontal	110.30	-	-
	5690 (Av)		98.45	-	-
	5460 (Pk)		55.49	74.00*	-18.51
	5460 (Av)		41.53	54.00*	-12.47
	11380 (Pk)		65.19	68.23	-3.04
	11380 (Av)		47.16	54.00	-6.84
	17070 (Pk)		55.69	68.23	-12.54
	17070 (Av)		43.31	54.00	-10.69

Antenna Type & Antenna Gain: Panel Antenna & 28dBi

Bandwidth: 20MHz

Modulation: 802.11a

Data Rate: 6Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	92.28	-	-
	5260 (Av)		81.68	-	-
	5350 (Pk)		43.62	74.00*	-30.38
	5350 (Av)		30.23	54.00*	-23.77
	10520 (Pk)		53.03	68.23	-15.20
	10520 (Av)		40.22	54.00	-13.78
	15780 (Pk)		52.30	68.23	-15.93
	15780 (Av)		40.42	54.00	-13.58
	5260 (Pk)	Horizontal	87.54	-	-
	5260 (Av)		76.84	-	-
	5350 (Pk)		42.48	74.00*	-31.52
	5350 (Av)		29.65	54.00*	-24.35
	10520 (Pk)		51.59	68.23	-16.64
	10520 (Av)		40.12	54.00	-13.88
	15780 (Pk)		52.41	68.23	-15.82
	15780 (Av)		40.46	54.00	-13.54
5320	5320 (Pk)	Vertical	88.31	-	-
	5320 (Av)		78.45	-	-
	5350 (Pk)		42.24	74.00*	-31.76
	5350 (Av)		29.62	54.00*	-24.38
	10640 (Pk)		52.87	68.23	-15.36
	10640 (Av)		40.14	54.00	-13.86
	15960 (Pk)		53.49	68.23	-14.74
	15960 (Av)		41.13	54.00	-12.87
	5320 (Pk)	Horizontal	88.65	-	-
	5320 (Av)		78.20	-	-
	5350 (Pk)		42.59	74.00*	-31.41
	5350 (Av)		29.59	54.00*	-24.41
	10640 (Pk)		52.27	68.23	-15.96
	10640 (Av)		40.10	54.00	-13.90
	15960 (Pk)		52.63	68.23	-15.60
	15960 (Av)		41.12	54.00	-12.88
5500	5500 (Pk)	Vertical	86.17	-	-
	5500 (Av)		76.17	-	-
	5460 (Pk)		44.02	74.00*	-29.98
	5460 (Av)		29.72	54.00*	-24.28
	11000 (Pk)		52.68	68.23	-15.55
	11000 (Av)		40.96	54.00	-13.04
	16500 (Pk)		54.41	68.23	-13.82
	16500 (Av)		43.00	54.00	-11.00
	5500 (Pk)	Horizontal	85.58	-	-
	5500 (Av)		75.69	-	-
	5460 (Pk)		43.06	74.00*	-30.94
	5460 (Av)		29.61	54.00*	-24.39
	11000 (Pk)		54.35	68.23	-13.88
	11000 (Av)		40.93	54.00	-13.07
	16500 (Pk)		55.31	68.23	-12.92
	16500 (Av)		43.04	54.00	-10.96

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	86.99	-	-
	5600 (Av)		78.19	-	-
	5460 (Pk)		42.63	74.00*	-31.37
	5460 (Av)		29.56	54.00*	-24.44
	11200 (Pk)		53.25	68.23	-14.98
	11200 (Av)		40.80	54.00	-13.20
	16800 (Pk)		56.67	68.23	-11.56
	16800 (Av)		43.54	54.00	-10.46
	5600 (Pk)	Horizontal	88.63	-	-
	5600 (Av)		78.03	-	-
	5460 (Pk)		42.38	74.00*	-31.62
	5460 (Av)		29.59	54.00*	-24.41
	11200 (Pk)		53.00	68.23	-15.23
	11200 (Av)		40.75	54.00	-13.25
	16800 (Pk)		55.14	68.23	-13.09
	16800 (Av)		43.51	54.00	-10.49
5700	5700 (Pk)	Vertical	87.43	-	-
	5700 (Av)		77.29	-	-
	5460 (Pk)		42.47	74.00*	-31.53
	5460 (Av)		29.63	54.00*	-24.37
	11400 (Pk)		54.22	68.23	-14.01
	11400 (Av)		41.78	54.00	-12.22
	17100 (Pk)		55.54	68.23	-12.69
	17100 (Av)		43.86	54.00	-10.14
	5700 (Pk)	Horizontal	85.84	-	-
	5700 (Av)		76.52	-	-
	5460 (Pk)		43.12	74.00*	-30.88
	5460 (Av)		29.56	54.00*	-24.44
	11400 (Pk)		54.14	68.23	-14.09
	11400 (Av)		41.74	54.00	-12.26
	17100 (Pk)		55.66	68.23	-12.57
	17100 (Av)		43.82	54.00	-10.18
5720	5720 (Pk)	Vertical	89.81	-	-
	5720 (Av)		79.35	-	-
	5460 (Pk)		42.76	74.00*	-31.24
	5460 (Av)		29.54	54.00*	-24.46
	11440 (Pk)		53.45	68.23	-14.78
	11440 (Av)		41.78	54.00	-12.22
	17160(Pk)		57.53	68.23	-10.70
	17160(Av)		44.22	54.00	-9.78
	5720 (Pk)	Horizontal	86.71	-	-
	5720 (Av)		76.57	-	-
	5460 (Pk)		42.49	74.00*	-31.51
	5460 (Av)		29.59	54.00*	-24.41
	11440 (Pk)		54.17	68.23	-14.06
	11440 (Av)		41.76	54.00	-12.24
	17160(Pk)		55.61	68.23	-12.62
	17160(Av)		44.22	54.00	-9.78

Modulation:802.11n

Data Rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	89.93	-	-
	5260 (Av)		78.56	-	-
	5350 (Pk)		42.80	74.00*	-31.20
	5350 (Av)		29.39	54.00*	-24.61
	10520 (Pk)		51.52	68.23	-16.71
	10520 (Av)		40.11	54.00	-13.89
	15780 (Pk)		52.60	68.23	-15.63
	15780 (Av)		40.34	54.00	-13.66
	5260 (Pk)	Horizontal	84.87	-	-
	5260 (Av)		73.09	-	-
	5350 (Pk)		42.32	74.00*	-31.68
	5350 (Av)		29.25	54.00*	-24.75
	10520 (Pk)		51.97	68.23	-16.26
	10520 (Av)		39.96	54.00	-14.04
	15780 (Pk)		52.36	68.23	-15.87
	15780 (Av)		40.36	54.00	-13.64
5320	5320 (Pk)	Vertical	89.10	-	-
	5320 (Av)		77.59	-	-
	5350 (Pk)		42.31	74.00*	-31.69
	5350 (Av)		29.54	54.00*	-24.46
	10640 (Pk)		52.17	68.23	-16.06
	10640 (Av)		40.37	54.00	-13.63
	15960 (Pk)		52.46	68.23	-15.77
	15960 (Av)		41.12	54.00	-12.88
	5320 (Pk)	Horizontal	85.84	-	-
	5320 (Av)		74.49	-	-
	5350 (Pk)		42.02	74.00*	-31.98
	5350 (Av)		29.29	54.00*	-24.71
	10640 (Pk)		52.88	68.23	-15.35
	10640 (Av)		40.09	54.00	-13.91
	15960 (Pk)		53.69	68.23	-14.54
	15960 (Av)		41.10	54.00	-12.90
5500	5500 (Pk)	Vertical	86.91	-	-
	5500 (Av)		75.71	-	-
	5460 (Pk)		42.54	74.00*	-31.46
	5460 (Av)		29.73	54.00*	-24.27
	11000 (Pk)		53.00	68.23	-15.23
	11000 (Av)		40.83	54.00	-13.17
	16500 (Pk)		55.37	68.23	-12.86
	16500 (Av)		42.99	54.00	-11.01
	5500 (Pk)	Horizontal	85.38	-	-
	5500 (Av)		75.64	-	-
	5460 (Pk)		42.48	74.00*	-31.52
	5460 (Av)		29.54	54.00*	-24.46
	11000 (Pk)		53.02	68.23	-15.21
	11000 (Av)		40.99	54.00	-13.01
	16500 (Pk)		54.97	68.23	-13.26
	16500 (Av)		43.02	54.00	-10.98

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	88.31	-	-
	5600 (Av)		77.93	-	-
	5460 (Pk)		42.10	74.00*	-31.90
	5460 (Av)		29.61	54.00*	-24.39
	11200 (Pk)		52.79	68.23	-15.44
	11200 (Av)		40.71	54.00	-13.29
	16800 (Pk)		55.60	68.23	-12.63
	16800 (Av)		43.50	54.00	-10.50
	5600 (Pk)	Horizontal	89.00	-	-
	5600 (Av)		78.28	-	-
	5460 (Pk)		42.22	74.00*	-31.78
	5460 (Av)		29.57	54.00*	-24.43
	11200 (Pk)		52.56	68.23	-15.67
	11200 (Av)		40.67	54.00	-13.33
	16800 (Pk)		55.77	68.23	-12.46
	16800 (Av)		43.52	54.00	-10.48
5700	5700 (Pk)	Vertical	89.73	-	-
	5700 (Av)		77.81	-	-
	5460 (Pk)		42.43	74.00*	-31.57
	5460 (Av)		29.67	54.00*	-24.33
	11400 (Pk)		53.19	68.23	-15.04
	11400 (Av)		41.69	54.00	-12.31
	17100 (Pk)		55.95	68.23	-12.28
	17100 (Av)		43.77	54.00	-10.23
	5700 (Pk)	Horizontal	87.47	-	-
	5700 (Av)		76.61	-	-
	5460 (Pk)		42.53	74.00*	-31.47
	5460 (Av)		29.61	54.00*	-24.39
	11400 (Pk)		54.53	68.23	-13.70
	11400 (Av)		41.65	54.00	-12.35
	17100 (Pk)		55.95	68.23	-12.28
	17100 (Av)		43.76	54.00	-10.24
5720	5720 (Pk)	Vertical	89.00	-	-
	5720 (Av)		78.03	-	-
	5460 (Pk)		42.83	74.00*	-31.17
	5460 (Av)		29.66	54.00*	-24.34
	11440 (Pk)		53.50	68.23	-14.73
	11440 (Av)		41.80	54.00	-12.20
	17160(Pk)		56.11	68.23	-12.12
	17160(Av)		44.12	54.00	-9.88
	5720 (Pk)	Horizontal	85.14	-	-
	5720 (Av)		74.09	-	-
	5460 (Pk)		42.18	74.00*	-31.82
	5460 (Av)		29.62	54.00*	-24.38
	11440 (Pk)		53.66	68.23	-14.57
	11440 (Av)		41.83	54.00	-12.17
	17160(Pk)		56.39	68.23	-11.84
	17160(Av)		44.16	54.00	-9.84

Modulation: 802.11ac

Data Rate: MCS8

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	88.62	-	-
	5260 (Av)		76.86	-	-
	5350 (Pk)		42.26	74.00*	-31.74
	5350 (Av)		29.43	54.00*	-24.57
	10520 (Pk)		52.34	68.23	-15.89
	10520 (Av)		39.93	54.00	-14.07
	15780 (Pk)		52.24	68.23	-15.99
	15780 (Av)		40.36	54.00	-13.64
	5260 (Pk)	Horizontal	87.26	-	-
	5260 (Av)		75.01	-	-
	5350 (Pk)		43.39	74.00*	-30.61
	5350 (Av)		29.35	54.00*	-24.65
	10520 (Pk)		52.84	68.23	-15.39
	10520 (Av)		40.07	54.00	-13.93
	15780 (Pk)		52.75	68.23	-15.48
	15780 (Av)		40.36	54.00	-13.64
5320	5320 (Pk)	Vertical	87.77	-	-
	5320 (Av)		76.54	-	-
	5350 (Pk)		42.44	74.00*	-31.56
	5350 (Av)		29.57	54.00*	-24.43
	10640 (Pk)		52.45	68.23	-15.78
	10640 (Av)		40.50	54.00	-13.50
	15960 (Pk)		53.19	68.23	-15.04
	15960 (Av)		41.12	54.00	-12.88
	5320 (Pk)	Horizontal	86.32	-	-
	5320 (Av)		74.97	-	-
	5350 (Pk)		41.72	74.00*	-32.28
	5350 (Av)		29.50	54.00*	-24.50
	10640 (Pk)		52.39	68.23	-15.84
	10640 (Av)		40.28	54.00	-13.72
	15960 (Pk)		52.75	68.23	-15.48
	15960 (Av)		41.12	54.00	-12.88
5500	5500 (Pk)	Vertical	85.93	-	-
	5500 (Av)		74.18	-	-
	5460 (Pk)		42.42	74.00*	-31.58
	5460 (Av)		29.74	54.00*	-24.26
	11000 (Pk)		53.45	68.23	-14.78
	11000 (Av)		40.90	54.00	-13.10
	16500 (Pk)		55.37	68.23	-12.86
	16500 (Av)		43.03	54.00	-10.97
	5500 (Pk)	Horizontal	85.20	-	-
	5500 (Av)		74.81	-	-
	5460 (Pk)		42.09	74.00*	-31.91
	5460 (Av)		29.73	54.00*	-24.27
	11000 (Pk)		52.95	68.23	-15.28
	11000 (Av)		40.87	54.00	-13.13
	16500 (Pk)		55.58	68.23	-12.65
	16500 (Av)		42.96	54.00	-11.04

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	87.84	-	-
	5600 (Av)		76.32	-	-
	5460 (Pk)		43.04	74.00*	-30.96
	5460 (Av)		29.75	54.00*	-24.25
	11200 (Pk)		52.84	68.23	-15.39
	11200 (Av)		40.80	54.00	-13.20
	16800 (Pk)		55.26	68.23	-12.97
	16800 (Av)		43.49	54.00	-10.51
	5600 (Pk)	Horizontal	89.71	-	-
	5600 (Av)		78.61	-	-
	5460 (Pk)		42.55	74.00*	-31.45
	5460 (Av)		29.73	54.00*	-24.27
	11200 (Pk)		53.30	68.23	-14.93
	11200 (Av)		40.70	54.00	-13.30
	16800 (Pk)		55.61	68.23	-12.62
	16800 (Av)		43.51	54.00	-10.49
5700	5700 (Pk)	Vertical	89.77	-	-
	5700 (Av)		77.95	-	-
	5460 (Pk)		42.71	74.00*	-31.29
	5460 (Av)		29.77	54.00*	-24.23
	11400 (Pk)		52.80	68.23	-15.43
	11400 (Av)		41.70	54.00	-12.30
	17100 (Pk)		54.98	68.23	-13.25
	17100 (Av)		43.79	54.00	-10.21
	5700 (Pk)	Horizontal	87.76	-	-
	5700 (Av)		75.91	-	-
	5460 (Pk)		42.36	74.00*	-31.64
	5460 (Av)		29.80	54.00*	-24.20
	11400 (Pk)		52.70	68.23	-15.53
	11400 (Av)		41.61	54.00	-12.39
	17100 (Pk)		56.17	68.23	-12.06
	17100 (Av)		43.78	54.00	-10.22
5720	5720 (Pk)	Vertical	90.32	-	-
	5720 (Av)		78.80	-	-
	5460 (Pk)		42.88	74.00*	-31.12
	5460 (Av)		29.74	54.00*	-24.26
	11440 (Pk)		54.19	68.23	-14.04
	11440 (Av)		41.78	54.00	-12.22
	17160(Pk)		56.50	68.23	-11.73
	17160(Av)		44.18	54.00	-9.82
	5720 (Pk)	Horizontal	86.72	-	-
	5720 (Av)		75.19	-	-
	5460 (Pk)		43.79	74.00*	-30.21
	5460 (Av)		29.75	54.00*	-24.25
	11440 (Pk)		53.54	68.23	-14.69
	11440 (Av)		41.76	54.00	-12.24
	17160(Pk)		56.26	68.23	-11.97
	17160(Av)		44.16	54.00	-9.84

Modulation: 802.11ax

Data Rate: MCS11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	90.51	-	-
	5260 (Av)		78.90	-	-
	5350 (Pk)		42.29	74.00*	-31.71
	5350 (Av)		29.53	54.00*	-24.47
	10520 (Pk)		52.99	68.23	-15.24
	10520 (Av)		40.90	54.00	-13.10
	15780 (Pk)		52.28	68.23	-15.95
	15780 (Av)		40.33	54.00	-13.67
	5260 (Pk)	Horizontal	88.49	-	-
	5260 (Av)		76.32	-	-
	5350 (Pk)		43.01	74.00*	-30.99
	5350 (Av)		29.42	54.00*	-24.58
	10520 (Pk)		52.03	68.23	-16.20
	10520 (Av)		39.96	54.00	-14.04
	15780 (Pk)		52.96	68.23	-15.27
	15780 (Av)		40.68	54.00	-13.32
5320	5320 (Pk)	Vertical	90.11	-	-
	5320 (Av)		77.76	-	-
	5350 (Pk)		42.55	74.00*	-31.45
	5350 (Av)		29.59	54.00*	-24.41
	10640 (Pk)		52.18	68.23	-16.05
	10640 (Av)		40.22	54.00	-13.78
	15960 (Pk)		53.34	68.23	-14.89
	15960 (Av)		41.14	54.00	-12.86
	5320 (Pk)	Horizontal	87.56	-	-
	5320 (Av)		75.07	-	-
	5350 (Pk)		42.27	74.00*	-31.73
	5350 (Av)		29.55	54.00*	-24.45
	10640 (Pk)		52.28	68.23	-15.95
	10640 (Av)		40.13	54.00	-13.87
	15960 (Pk)		52.77	68.23	-15.46
	15960 (Av)		41.11	54.00	-12.89
5500	5500 (Pk)	Vertical	89.19	-	-
	5500 (Av)		76.79	-	-
	5460 (Pk)		42.33	74.00*	-31.67
	5460 (Av)		29.94	54.00*	-24.06
	11000 (Pk)		53.31	68.23	-14.92
	11000 (Av)		40.96	54.00	-13.04
	16500 (Pk)		54.99	68.23	-13.24
	16500 (Av)		42.96	54.00	-11.04
	5500 (Pk)	Horizontal	87.62	-	-
	5500 (Av)		74.87	-	-
	5460 (Pk)		43.00	74.00*	-31.00
	5460 (Av)		29.97	54.00*	-24.03
	11000 (Pk)		52.46	68.23	-15.77
	11000 (Av)		40.79	54.00	-13.21
	16500 (Pk)		53.96	68.23	-14.27
	16500 (Av)		42.95	54.00	-11.05

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	88.47	-	-
	5600 (Av)		76.75	-	-
	5460 (Pk)		43.14	74.00*	-30.86
	5460 (Av)		29.80	54.00*	-24.20
	11200 (Pk)		52.62	68.23	-15.61
	11200 (Av)		40.77	54.00	-13.23
	16800 (Pk)		55.87	68.23	-12.36
	16800 (Av)		43.52	54.00	-10.48
	5600 (Pk)	Horizontal	90.80	-	-
	5600 (Av)		78.82	-	-
	5460 (Pk)		42.80	74.00*	-31.20
	5460 (Av)		29.76	54.00*	-24.24
	11200 (Pk)		52.52	68.23	-15.71
	11200 (Av)		40.65	54.00	-13.35
	16800 (Pk)		54.99	68.23	-13.24
	16800 (Av)		43.45	54.00	-10.55
5700	5700 (Pk)	Vertical	90.76	-	-
	5700 (Av)		79.27	-	-
	5460 (Pk)		42.87	74.00*	-31.13
	5460 (Av)		29.80	54.00*	-24.20
	11400 (Pk)		53.03	68.23	-15.20
	11400 (Av)		41.63	54.00	-12.37
	17100 (Pk)		55.56	68.23	-12.67
	17100 (Av)		43.81	54.00	-10.19
	5700 (Pk)	Horizontal	87.99	-	-
	5700 (Av)		76.63	-	-
	5460 (Pk)		42.72	74.00*	-31.28
	5460 (Av)		29.79	54.00*	-24.21
	11400 (Pk)		55.09	68.23	-13.14
	11400 (Av)		41.71	54.00	-12.29
	17100 (Pk)		56.39	68.23	-11.84
	17100 (Av)		43.82	54.00	-10.18
5720	5720 (Pk)	Vertical	90.20	-	-
	5720 (Av)		77.95	-	-
	5460 (Pk)		42.47	74.00*	-31.53
	5460 (Av)		29.78	54.00*	-24.22
	11440 (Pk)		53.80	68.23	-14.43
	11440 (Av)		41.75	54.00	-12.25
	17160(Pk)		56.34	68.23	-11.89
	17160(Av)		44.15	54.00	-9.85
	5720 (Pk)	Horizontal	88.54	-	-
	5720 (Av)		76.27	-	-
	5460 (Pk)		42.53	74.00*	-31.47
	5460 (Av)		29.88	54.00*	-24.12
	11440 (Pk)		54.22	68.23	-14.01
	11440 (Av)		41.77	54.00	-12.23
	17160(Pk)		55.87	68.23	-12.36
	17160(Av)		44.16	54.00	-9.84

Modulation: 802.11n

Data Rate: MCS7

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	86.56	-	-
	5270 (Av)		75.18	-	-
	5350 (Pk)		42.38	74.00*	-31.62
	5350 (Av)		29.68	54.00*	-24.32
	10540 (Pk)		52.74	68.23	-15.49
	10540 (Av)		39.94	54.00	-14.06
	15810 (Pk)		52.63	68.23	-15.60
	15810 (Av)		40.28	54.00	-13.72
	5270 (Pk)	Horizontal	83.11	-	-
	5270 (Av)		72.04	-	-
	5350 (Pk)		43.18	74.00*	-30.82
	5350 (Av)		29.47	54.00*	-24.53
	10540 (Pk)		52.72	68.23	-15.51
	10540 (Av)		39.99	54.00	-14.01
	15810 (Pk)		52.84	68.23	-15.39
	15810 (Av)		40.34	54.00	-13.66
5310	5310 (Pk)	Vertical	86.36	-	-
	5310 (Pk)		74.61	-	-
	5350 (Pk)		42.17	74.00*	-31.83
	5350 (Pk)		29.65	54.00*	-24.35
	10620 (Pk)		52.98	68.23	-15.25
	10620 (Pk)		40.11	54.00	-13.89
	15930 (Pk)		53.05	68.23	-15.18
	15930 (Av)		40.62	54.00	-13.38
	5310 (Pk)	Horizontal	83.09	-	-
	5310 (Pk)		70.97	-	-
	5350 (Pk)		41.99	74.00*	-32.01
	5350 (Pk)		29.50	54.00*	-24.50
	10620 (Pk)		51.98	68.23	-16.25
	10620 (Pk)		40.12	54.00	-13.88
	15930 (Pk)		52.55	68.23	-15.68
	15930 (Av)		40.62	54.00	-13.38
5510	5510 (Pk)	Vertical	85.31	-	-
	5510 (Av)		74.30	-	-
	5460 (Pk)		43.01	74.00*	-30.99
	5460 (Av)		29.77	54.00*	-24.23
	11020 (Pk)		52.64	68.23	-15.59
	11020 (Av)		40.76	54.00	-13.24
	16530 (Pk)		55.12	68.23	-13.11
	16530 (Av)		42.76	54.00	-11.24
	5510 (Pk)	Horizontal	84.21	-	-
	5510 (Av)		72.14	-	-
	5460 (Pk)		42.32	74.00*	-31.68
	5460 (Av)		29.75	54.00*	-24.25
	11020 (Pk)		53.53	68.23	-14.70
	11020 (Av)		40.81	54.00	-13.19
	16530 (Pk)		55.71	68.23	-12.52
	16530 (Av)		42.78	54.00	-11.22

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	87.05	-	-
	5670 (Av)		75.50	-	-
	5460 (Pk)		42.47	74.00*	-31.53
	5460 (Av)		29.80	54.00*	-24.20
	11340 (Pk)		53.07	68.23	-15.16
	11340 (Av)		41.16	54.00	-12.84
	17010 (Pk)		55.61	68.23	-12.62
	17010 (Av)		43.69	54.00	-10.31
	5670 (Pk)	Horizontal	85.70	-	-
	5670 (Av)		74.20	-	-
	5460 (Pk)		42.90	74.00*	-31.10
	5460 (Av)		29.77	54.00*	-24.23
	11340 (Pk)		53.84	68.23	-14.39
	11340 (Av)		41.04	54.00	-12.96
	17010 (Pk)		55.45	68.23	-12.78
	17010 (Av)		43.65	54.00	-10.35
5710	5710 (Pk)	Vertical	87.42	-	-
	5710 (Av)		75.76	-	-
	5460 (Pk)		42.42	74.00*	-31.58
	5460 (Av)		29.92	54.00*	-24.08
	11420 (Pk)		53.64	68.23	-14.59
	11420 (Av)		41.67	54.00	-12.33
	17130(Pk)		56.41	68.23	-11.82
	17130(Av)		43.80	54.00	-10.20
	5710 (Pk)	Horizontal	86.70	-	-
	5710 (Av)		75.36	-	-
	5460 (Pk)		42.79	74.00*	-31.21
	5460 (Av)		29.86	54.00*	-24.14
	11420 (Pk)		53.72	68.23	-14.51
	11420 (Av)		41.68	54.00	-12.32
	17130(Pk)		56.56	68.23	-11.67
	17130(Av)		43.89	54.00	-10.11

Modulation: **802.11ac**

Data rate: **MCS9**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	87.14	-	-
	5270 (Av)		75.94	-	-
	5350 (Pk)		43.90	74.00*	-30.10
	5350 (Av)		29.65	54.00*	-24.35
	10540 (Pk)		51.87	68.23	-16.36
	10540 (Av)		39.93	54.00	-14.07
	15810 (Pk)		53.41	68.23	-14.82
	15810 (Av)		40.33	54.00	-13.67
	5270 (Pk)	Horizontal	82.90	-	-
	5270 (Av)		72.01	-	-
	5350 (Pk)		42.34	74.00*	-31.66
	5350 (Av)		29.47	54.00*	-24.53
	10540 (Pk)		51.54	68.23	-16.69
	10540 (Av)		39.90	54.00	-14.10
	15810 (Pk)		52.45	68.23	-15.78
	15810 (Av)		40.37	54.00	-13.63
5310	5310 (Pk)	Vertical	86.29	-	-
	5310 (Pk)		74.93	-	-
	5350 (Pk)		42.68	74.00*	-31.32
	5350 (Pk)		29.68	54.00*	-24.32
	10620 (Pk)		53.28	68.23	-14.95
	10620 (Pk)		40.11	54.00	-13.89
	15930 (Pk)		52.70	68.23	-15.53
	15930 (Av)		40.60	54.00	-13.40
	5310 (Pk)	Horizontal	81.49	-	-
	5310 (Pk)		70.81	-	-
	5350 (Pk)		42.43	74.00*	-31.57
	5350 (Pk)		29.42	54.00*	-24.58
	10620 (Pk)		52.29	68.23	-15.94
	10620 (Pk)		40.06	54.00	-13.94
	15930 (Pk)		52.79	68.23	-15.44
	15930 (Av)		40.62	54.00	-13.38
5510	5510 (Pk)	Vertical	84.24	-	-
	5510 (Av)		73.03	-	-
	5460 (Pk)		42.97	74.00*	-31.03
	5460 (Av)		29.90	54.00*	-24.10
	11020 (Pk)		52.84	68.23	-15.39
	11020 (Av)		40.86	54.00	-13.14
	16530 (Pk)		55.00	68.23	-13.23
	16530 (Av)		42.81	54.00	-11.19
	5510 (Pk)	Horizontal	83.40	-	-
	5510 (Av)		71.67	-	-
	5460 (Pk)		43.01	74.00*	-30.99
	5460 (Av)		29.80	54.00*	-24.20
	11020 (Pk)		52.98	68.23	-15.25
	11020 (Av)		40.76	54.00	-13.24
	16530 (Pk)		54.27	68.23	-13.96
	16530 (Av)		42.79	54.00	-11.21

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	87.64	-	-
	5670 (Av)		76.03	-	-
	5460 (Pk)		42.34	74.00*	-31.66
	5460 (Av)		29.85	54.00*	-24.15
	11340 (Pk)		52.83	68.23	-15.40
	11340 (Av)		41.09	54.00	-12.91
	17010 (Pk)		55.83	68.23	-12.40
	17010 (Av)		43.65	54.00	-10.35
	5670 (Pk)	Horizontal	85.87	-	-
	5670 (Av)		74.68	-	-
	5460 (Pk)		42.46	74.00*	-31.54
	5460 (Av)		29.82	54.00*	-24.18
	11340 (Pk)		53.55	68.23	-14.68
	11340 (Av)		41.09	54.00	-12.91
	17010 (Pk)		55.26	68.23	-12.97
	17010 (Av)		43.64	54.00	-10.36
5710	5710 (Pk)	Vertical	86.15	-	-
	5710 (Av)		75.22	-	-
	5460 (Pk)		42.44	74.00*	-31.56
	5460 (Av)		29.89	54.00*	-24.11
	11420 (Pk)		54.50	68.23	-13.73
	11420 (Av)		41.67	54.00	-12.33
	17130(Pk)		56.20	68.23	-12.03
	17130(Av)		43.93	54.00	-10.07
	5710 (Pk)	Horizontal	86.06	-	-
	5710 (Av)		75.14	-	-
	5460 (Pk)		42.56	74.00*	-31.44
	5460 (Av)		29.85	54.00*	-24.15
	11420 (Pk)		54.80	68.23	-13.43
	11420 (Av)		41.66	54.00	-12.34
	17130(Pk)		56.23	68.23	-12.00
	17130(Av)		43.88	54.00	-10.12

Modulation: 802.11ax

Data Rate: MCS11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	87.48	-	-
	5270 (Av)		75.23	-	-
	5350 (Pk)		42.42	74.00*	-31.58
	5350 (Av)		29.72	54.00*	-24.28
	10540 (Pk)		51.09	68.23	-17.14
	10540 (Av)		39.85	54.00	-14.15
	15810 (Pk)		52.19	68.23	-16.04
	15810 (Av)		40.31	54.00	-13.69
	5270 (Pk)	Horizontal	83.50	-	-
	5270 (Av)		71.19	-	-
	5350 (Pk)		42.83	74.00*	-31.17
	5350 (Av)		29.49	54.00*	-24.51
	10540 (Pk)		51.93	68.23	-16.30
	10540 (Av)		39.88	54.00	-14.12
	15810 (Pk)		52.96	68.23	-15.27
	15810 (Av)		40.38	54.00	-13.62
5310	5310 (Pk)	Vertical	87.03	-	-
	5310 (Pk)		74.56	-	-
	5350 (Pk)		43.18	74.00*	-30.82
	5350 (Pk)		29.73	54.00*	-24.27
	10620 (Pk)		51.61	68.23	-16.62
	10620 (Pk)		40.04	54.00	-13.96
	15930 (Pk)		52.00	68.23	-16.23
	15930 (Av)		40.57	54.00	-13.43
	5310 (Pk)	Horizontal	84.46	-	-
	5310 (Pk)		72.28	-	-
	5350 (Pk)		42.06	74.00*	-31.94
	5350 (Pk)		29.46	54.00*	-24.54
	10620 (Pk)		52.14	68.23	-16.09
	10620 (Pk)		40.05	54.00	-13.95
	15930 (Pk)		53.82	68.23	-14.41
	15930 (Av)		40.58	54.00	-13.42
5510	5510 (Pk)	Vertical	87.14	-	-
	5510 (Av)		74.30	-	-
	5460 (Pk)		42.85	74.00*	-31.15
	5460 (Av)		29.90	54.00*	-24.10
	11020 (Pk)		52.99	68.23	-15.24
	11020 (Av)		40.83	54.00	-13.17
	16530 (Pk)		54.66	68.23	-13.57
	16530 (Av)		42.70	54.00	-11.30
	5510 (Pk)	Horizontal	84.84	-	-
	5510 (Av)		72.76	-	-
	5460 (Pk)		42.85	74.00*	-31.15
	5460 (Av)		29.75	54.00*	-24.25
	11020 (Pk)		52.94	68.23	-15.29
	11020 (Av)		40.77	54.00	-13.23
	16530 (Pk)		55.19	68.23	-13.04
	16530 (Av)		42.68	54.00	-11.32

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	87.30	-	-
	5670 (Av)		74.88	-	-
	5460 (Pk)		43.08	74.00*	-30.92
	5460 (Av)		29.78	54.00*	-24.22
	11340 (Pk)		53.10	68.23	-15.13
	11340 (Av)		41.14	54.00	-12.86
	17010 (Pk)		55.34	68.23	-12.89
	17010 (Av)		43.67	54.00	-10.33
	5670 (Pk)	Horizontal	86.61	-	-
	5670 (Av)		74.59	-	-
	5460 (Pk)		43.32	74.00*	-30.68
	5460 (Av)		29.88	54.00*	-24.12
	11340 (Pk)		53.80	68.23	-14.43
	11340 (Av)		41.13	54.00	-12.87
	17010 (Pk)		56.15	68.23	-12.08
	17010 (Av)		43.69	54.00	-10.31
5710	5710 (Pk)	Vertical	87.98	-	-
	5710 (Av)		75.74	-	-
	5460 (Pk)		42.72	74.00*	-31.28
	5460 (Av)		29.89	54.00*	-24.11
	11420 (Pk)		54.57	68.23	-13.66
	11420 (Av)		41.77	54.00	-12.23
	17130(Pk)		56.15	68.23	-12.08
	17130(Av)		43.79	54.00	-10.21
	5710 (Pk)	Horizontal	86.45	-	-
	5710 (Av)		74.82	-	-
	5460 (Pk)		42.64	74.00*	-31.36
	5460 (Av)		29.87	54.00*	-24.13
	11420 (Pk)		53.74	68.23	-14.49
	11420 (Av)		41.77	54.00	-12.23
	17130(Pk)		56.24	68.23	-11.99
	17130(Av)		43.80	54.00	-10.20

Bandwidth: 80MHz

Modulation: 802.11ac

Data rate: MCS9

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	83.76	-	-
	5290 (Av)		71.95	-	-
	5350 (Pk)		42.58	74.00*	-31.42
	5350 (Av)		29.79	54.00*	-24.21
	10580 (Pk)		51.95	68.23	-16.28
	10580 (Av)		40.01	54.00	-13.99
	15870 (Pk)		52.14	68.23	-16.09
	15870 (Av)		40.61	54.00	-13.39
	5290 (Pk)	Horizontal	80.14	-	-
	5290 (Av)		68.80	-	-
	5350 (Pk)		42.87	74.00*	-31.13
	5350 (Av)		29.53	54.00*	-24.47
	10580 (Pk)		53.05	68.23	-15.18
	10580 (Av)		40.07	54.00	-13.93
	15870 (Pk)		52.72	68.23	-15.51
	15870 (Av)		40.68	54.00	-13.32
5530	5530 (Pk)	Vertical	82.40	-	-
	5530 (Av)		70.57	-	-
	5460 (Pk)		42.30	74.00*	-31.70
	5460 (Av)		29.87	54.00*	-24.13
	11060 (Pk)		53.26	68.23	-14.97
	11060 (Av)		40.71	54.00	-13.29
	16590 (Pk)		55.15	68.23	-13.08
	16590 (Av)		42.94	54.00	-11.06
	5530 (Pk)	Horizontal	81.77	-	-
	5530 (Av)		70.40	-	-
	5460 (Pk)		42.66	74.00*	-31.34
	5460 (Av)		29.81	54.00*	-24.19
	11060 (Pk)		52.39	68.23	-15.84
	11060 (Av)		40.78	54.00	-13.22
	16590 (Pk)		54.83	68.23	-13.40
	16590 (Av)		42.90	54.00	-11.10
5690	5690 (Pk)	Vertical	83.19	-	-
	5690 (Av)		72.21	-	-
	5460 (Pk)		42.33	74.00*	-31.67
	5460 (Av)		29.83	54.00*	-24.17
	11380 (Pk)		52.45	68.23	-15.78
	11380 (Av)		41.69	54.00	-12.31
	17070 (Pk)		55.36	68.23	-12.87
	17070 (Av)		43.23	54.00	-10.77
	5690 (Pk)	Horizontal	81.57	-	-
	5690 (Av)		70.02	-	-
	5460 (Pk)		42.19	74.00*	-31.81
	5460 (Av)		29.80	54.00*	-24.20
	11380 (Pk)		54.34	68.23	-13.89
	11380 (Av)		41.63	54.00	-12.37
	17070 (Pk)		55.58	68.23	-12.65
	17070 (Av)		43.22	54.00	-10.78

Modulation: **802.11ax**

Data rate: **MCS11**

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	86.63	-	-
	5290 (Av)		73.46	-	-
	5350 (Pk)		42.50	74.00*	-31.50
	5350 (Av)		29.79	54.00*	-24.21
	10580 (Pk)		51.54	68.23	-16.69
	10580 (Av)		40.03	54.00	-13.97
	15870 (Pk)		52.62	68.23	-15.61
	15870 (Av)		40.59	54.00	-13.41
	5290 (Pk)	Horizontal	82.16	-	-
	5290 (Av)		69.32	-	-
	5350 (Pk)		42.57	74.00*	-31.43
	5350 (Av)		29.49	54.00*	-24.51
	10580 (Pk)		52.34	68.23	-15.89
	10580 (Av)		40.43	54.00	-13.57
	15870 (Pk)		53.30	68.23	-14.93
	15870 (Av)		40.65	54.00	-13.35
5530	5530 (Pk)	Vertical	83.52	-	-
	5530 (Av)		71.58	-	-
	5460 (Pk)		42.44	74.00*	-31.56
	5460 (Av)		29.92	54.00*	-24.08
	11060 (Pk)		53.11	68.23	-15.12
	11060 (Av)		40.74	54.00	-13.26
	16590 (Pk)		56.59	68.23	-11.64
	16590 (Av)		42.91	54.00	-11.09
	5530 (Pk)	Horizontal	83.65	-	-
	5530 (Av)		70.90	-	-
	5460 (Pk)		43.19	74.00*	-30.81
	5460 (Av)		29.88	54.00*	-24.12
	11060 (Pk)		52.75	68.23	-15.48
	11060 (Av)		40.76	54.00	-13.24
	16590 (Pk)		55.83	68.23	-12.40
	16590 (Av)		42.93	54.00	-11.07
5690	5690 (Pk)	Vertical	85.01	-	-
	5690 (Av)		73.09	-	-
	5460 (Pk)		42.83	74.00*	-31.17
	5460 (Av)		29.90	54.00*	-24.10
	11380 (Pk)		53.88	68.23	-14.35
	11380 (Av)		41.70	54.00	-12.30
	17070 (Pk)		55.41	68.23	-12.82
	17070 (Av)		43.22	54.00	-10.78
	5690 (Pk)	Horizontal	83.88	-	-
	5690 (Av)		71.55	-	-
	5460 (Pk)		42.72	74.00*	-31.28
	5460 (Av)		29.92	54.00*	-24.08
	11380 (Pk)		54.54	68.23	-13.69
	11380 (Av)		41.78	54.00	-12.22
	17070 (Pk)		56.39	68.23	-11.84
	17070 (Av)		43.29	54.00	-10.71

Antenna Type & Antenna Gain: Integrated Panel Antenna & 19dBi

Bandwidth: 20MHz

Modulation & Data Rate : a-mode & 6Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	112.36	-	-
	5260 (Av)		102.50	-	-
	5350 (Pk)		52.95	74.00*	-21.05
	5350 (Av)		40.30	54.00*	-13.70
	10520 (Pk)		52.80	68.23	-15.43
	10520 (Av)		40.32	54.00	-13.68
	15780 (Pk)		53.90	68.23	-14.33
	15780 (Av)		41.06	54.00	-12.94
	5260 (Pk)	Horizontal	111.16	-	-
	5260 (Av)		102.02	-	-
	5350 (Pk)		51.03	74.00*	-22.97
	5350 (Av)		39.06	54.00*	-14.94
	10520 (Pk)		52.54	68.23	-15.69
	10520 (Av)		40.39	54.00	-13.61
	15780 (Pk)		53.39	68.23	-14.84
	15780 (Av)		41.10	54.00	-12.90
5320	5320 (Pk)	Vertical	110.91	-	-
	5320 (Av)		102.04	-	-
	5350 (Pk)		52.03	74.00*	-21.97
	5350 (Av)		39.91	54.00*	-14.09
	10640 (Pk)		53.25	68.23	-14.98
	10640 (Av)		40.62	54.00	-13.38
	15960 (Pk)		54.69	68.23	-13.54
	15960 (Av)		42.17	54.00	-11.83
	5320 (Pk)	Horizontal	110.81	-	-
	5320 (Av)		101.16	-	-
	5350 (Pk)		51.61	74.00*	-22.39
	5350 (Av)		39.78	54.00*	-14.22
	10640 (Pk)		52.63	68.23	-15.60
	10640 (Av)		40.57	54.00	-13.43
	15960 (Pk)		54.09	68.23	-14.14
	15960 (Av)		41.33	54.00	-12.67
5500	5500 (Pk)	Vertical	113.51	-	-
	5500 (Av)		103.44	-	-
	5460 (Pk)		53.32	74.00*	-20.68
	5460 (Av)		40.60	54.00*	-13.40
	11000 (Pk)		53.61	68.23	-14.62
	11000 (Av)		41.36	54.00	-12.64
	16500 (Pk)		56.19	68.23	-12.04
	16500 (Av)		43.79	54.00	-10.21
	5500 (Pk)	Horizontal	111.76	-	-
	5500 (Av)		102.99	-	-
	5460 (Pk)		54.27	74.00*	-19.73
	5460 (Av)		41.08	54.00*	-12.92
	11000 (Pk)		54.03	68.23	-14.20
	11000 (Av)		41.35	54.00	-12.65
	16500 (Pk)		56.34	68.23	-11.89
	16500 (Av)		43.74	54.00	-10.26

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	113.07	-	-
	5600 (Av)		104.42	-	-
	5460 (Pk)		50.92	74.00*	-23.08
	5460 (Av)		38.87	54.00*	-15.13
	11200 (Pk)		57.96	68.23	-10.27
	11200 (Av)		43.89	54.00	-10.11
	16800 (Pk)		56.23	68.23	-12.00
	16800 (Av)		44.14	54.00	-9.86
	5600 (Pk)	Horizontal	112.35	-	-
	5600 (Av)		103.10	-	-
	5460 (Pk)		51.11	74.00*	-22.89
	5460 (Av)		38.93	54.00*	-15.07
	11200 (Pk)		57.14	68.23	-11.09
	11200 (Av)		43.66	54.00	-10.34
	16800 (Pk)		56.71	68.23	-11.52
	16800 (Av)		44.11	54.00	-9.89
5700	5700 (Pk)	Vertical	111.70	-	-
	5700 (Av)		102.46	-	-
	5460 (Pk)		50.36	74.00*	-23.64
	5460 (Av)		38.52	54.00*	-15.48
	11400 (Pk)		64.42	68.23	-3.81
	11400 (Av)		49.42	54.00	-4.58
	17100 (Pk)		56.30	68.23	-11.93
	17100 (Av)		44.41	54.00	-9.59
	5700 (Pk)	Horizontal	113.14	-	-
	5700 (Av)		102.86	-	-
	5460 (Pk)		50.50	74.00*	-23.50
	5460 (Av)		38.36	54.00*	-15.64
	11400 (Pk)		54.82	68.23	-13.41
	11400 (Av)		42.24	54.00	-11.76
	17100 (Pk)		56.11	68.23	-12.12
	17100 (Av)		44.12	54.00	-9.88
5720	5720 (Pk)	Vertical	111.81	-	-
	5720 (Av)		102.47	-	-
	5460 (Pk)		51.40	74.00*	-22.60
	5460 (Av)		38.79	54.00*	-15.21
	11440 (Pk)		54.28	68.23	-13.95
	11440 (Av)		42.45	54.00	-11.55
	17160(Pk)		56.54	68.23	-11.69
	17160(Av)		44.30	54.00	-9.70
	5720 (Pk)	Horizontal	111.50	-	-
	5720 (Av)		102.45	-	-
	5460 (Pk)		50.72	74.00*	-23.28
	5460 (Av)		38.73	54.00*	-15.27
	11440 (Pk)		54.73	68.23	-13.50
	11440 (Av)		42.34	54.00	-11.66
	17160(Pk)		56.05	68.23	-12.18
	17160(Av)		44.30	54.00	-9.70

Modulation & Data Rate : n-mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	113.91	-	-
	5260 (Av)		102.93	-	-
	5350 (Pk)		52.90	74.00*	-21.10
	5350 (Av)		40.89	54.00*	-13.11
	10520 (Pk)		52.13	68.23	-16.10
	10520 (Av)		40.43	54.00	-13.57
	15780 (Pk)		54.24	68.23	-13.99
	15780 (Av)		41.79	54.00	-12.21
	5260 (Pk)	Horizontal	112.23	-	-
	5260 (Av)		102.55	-	-
	5350 (Pk)		52.75	74.00*	-21.25
	5350 (Av)		39.34	54.00*	-14.66
	10520 (Pk)		51.88	68.23	-16.35
	10520 (Av)		40.22	54.00	-13.78
	15780 (Pk)		54.51	68.23	-13.72
	15780 (Av)		41.68	54.00	-12.32
5320	5320 (Pk)	Vertical	113.74	-	-
	5320 (Av)		102.71	-	-
	5350 (Pk)		55.22	74.00*	-18.78
	5350 (Av)		42.82	54.00*	-11.18
	10640 (Pk)		53.25	68.23	-14.98
	10640 (Av)		40.34	54.00	-13.66
	15960 (Pk)		54.82	68.23	-13.41
	15960 (Av)		42.46	54.00	-11.54
	5320 (Pk)	Horizontal	112.79	-	-
	5320 (Av)		102.30	-	-
	5350 (Pk)		54.29	74.00*	-19.71
	5350 (Av)		40.59	54.00*	-13.41
	10640 (Pk)		53.25	68.23	-14.98
	10640 (Av)		40.32	54.00	-13.68
	15960 (Pk)		54.24	68.23	-13.99
	15960 (Av)		42.45	54.00	-11.55
5500	5500 (Pk)	Vertical	112.06	-	-
	5500 (Av)		101.64	-	-
	5460 (Pk)		53.34	74.00*	-20.66
	5460 (Av)		40.62	54.00*	-13.38
	11000 (Pk)		54.15	68.23	-14.08
	11000 (Av)		41.03	54.00	-12.97
	16500 (Pk)		55.93	68.23	-12.30
	16500 (Av)		44.07	54.00	-9.93
	5500 (Pk)	Horizontal	114.12	-	-
	5500 (Av)		103.43	-	-
	5460 (Pk)		56.00	74.00*	-18.00
	5460 (Av)		43.65	54.00*	-10.35
	11000 (Pk)		52.89	68.23	-15.34
	11000 (Av)		40.98	54.00	-13.02
	16500 (Pk)		56.15	68.23	-12.08
	16500 (Av)		43.98	54.00	-10.02

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	114.90	-	-
	5600 (Av)		104.21	-	-
	5460 (Pk)		52.11	74.00*	-21.89
	5460 (Av)		38.83	54.00*	-15.17
	11200 (Pk)		55.74	68.23	-12.49
	11200 (Av)		42.58	54.00	-11.42
	16800 (Pk)		56.40	68.23	-11.83
	16800 (Av)		44.48	54.00	-9.52
	5600 (Pk)	Horizontal	113.36	-	-
	5600 (Av)		103.22	-	-
	5460 (Pk)		51.42	74.00*	-22.58
	5460 (Av)		38.83	54.00*	-15.17
	11200 (Pk)		53.10	68.23	-15.13
	11200 (Av)		41.28	54.00	-12.72
	16800 (Pk)		56.37	68.23	-11.86
	16800 (Av)		44.47	54.00	-9.53
5700	5700 (Pk)	Vertical	113.16	-	-
	5700 (Av)		102.54	-	-
	5460 (Pk)		51.65	74.00*	-22.35
	5460 (Av)		38.68	54.00*	-15.32
	11400 (Pk)		64.86	68.23	-3.37
	11400 (Av)		48.56	54.00	-5.44
	17100 (Pk)		56.91	68.23	-11.32
	17100 (Av)		44.64	54.00	-9.36
	5700 (Pk)	Horizontal	114.53	-	-
	5700 (Av)		103.72	-	-
	5460 (Pk)		51.10	74.00*	-22.90
	5460 (Av)		38.58	54.00*	-15.42
	11400 (Pk)		66.45	68.23	-1.78
	11400 (Av)		50.62	54.00	-3.38
	17100 (Pk)		56.69	68.23	-11.54
	17100 (Av)		44.63	54.00	-9.37
5720	5720 (Pk)	Vertical	112.74	-	-
	5720 (Av)		102.21	-	-
	5460 (Pk)		52.12	74.00*	-21.88
	5460 (Av)		38.75	54.00*	-15.25
	11440 (Pk)		64.58	68.23	-3.65
	11440 (Av)		49.29	54.00	-4.71
	17160(Pk)		56.88	68.23	-11.35
	17160(Av)		44.74	54.00	-9.26
	5720 (Pk)	Horizontal	115.11	-	-
	5720 (Av)		104.38	-	-
	5460 (Pk)		51.99	74.00*	-22.01
	5460 (Av)		38.98	54.00*	-15.02
	11440 (Pk)		65.92	68.23	-2.31
	11440 (Av)		50.26	54.00	-3.74
	17160(Pk)		56.64	68.23	-11.59
	17160(Av)		44.78	54.00	-9.22

Modulation & Data Rate: ac-Mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	113.02	-	-
	5260 (Av)		102.47	-	-
	5350 (Pk)		53.00	74.00*	-21.00
	5350 (Av)		39.58	54.00*	-14.42
	10520 (Pk)		51.26	68.23	-16.97
	10520 (Av)		39.99	54.00	-14.01
	15780 (Pk)		52.79	68.23	-15.44
	15780 (Av)		41.29	54.00	-12.71
	5260 (Pk)	Horizontal	112.91	-	-
	5260 (Av)		101.88	-	-
	5350 (Pk)		52.86	74.00*	-21.14
	5350 (Av)		40.91	54.00*	-13.09
	10520 (Pk)		51.66	68.23	-16.57
	10520 (Av)		39.96	54.00	-14.04
	15780 (Pk)		53.85	68.23	-14.38
	15780 (Av)		41.30	54.00	-12.70
5320	5320 (Pk)	Vertical	111.81	-	-
	5320 (Av)		101.46	-	-
	5350 (Pk)		53.82	74.00*	-20.18
	5350 (Av)		40.63	54.00*	-13.37
	10640 (Pk)		51.41	68.23	-16.82
	10640 (Av)		40.42	54.00	-13.58
	15960 (Pk)		53.53	68.23	-14.70
	15960 (Av)		42.23	54.00	-11.77
	5320 (Pk)	Horizontal	113.14	-	-
	5320 (Av)		102.88	-	-
	5350 (Pk)		56.43	74.00*	-17.57
	5350 (Av)		42.94	54.00*	-11.06
	10640 (Pk)		52.42	68.23	-15.81
	10640 (Av)		40.21	54.00	-13.79
	15960 (Pk)		54.29	68.23	-13.94
	15960 (Av)		42.32	54.00	-11.68
5500	5500 (Pk)	Vertical	112.79	-	-
	5500 (Av)		101.79	-	-
	5460 (Pk)		53.29	74.00*	-20.71
	5460 (Av)		40.62	54.00*	-13.38
	11000 (Pk)		53.10	68.23	-15.13
	11000 (Av)		41.08	54.00	-12.92
	16500 (Pk)		55.90	68.23	-12.33
	16500 (Av)		43.89	54.00	-10.11
	5500 (Pk)	Horizontal	113.24	-	-
	5500 (Av)		101.99	-	-
	5460 (Pk)		54.80	74.00*	-19.20
	5460 (Av)		43.50	54.00*	-10.50
	11000 (Pk)		53.25	68.23	-14.98
	11000 (Av)		41.15	54.00	-12.85
	16500 (Pk)		55.57	68.23	-12.66
	16500 (Av)		43.93	54.00	-10.07

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	113.95	-	-
	5600 (Av)		103.35	-	-
	5460 (Pk)		51.98	74.00*	-22.02
	5460 (Av)		38.96	54.00*	-15.04
	11200 (Pk)		57.23	68.23	-11.00
	11200 (Av)		43.10	54.00	-10.90
	16800 (Pk)		57.24	68.23	-10.99
	16800 (Av)		44.40	54.00	-9.60
	5600 (Pk)	Horizontal	113.77	-	-
	5600 (Av)		103.10	-	-
	5460 (Pk)		51.86	74.00*	-22.14
	5460 (Av)		39.01	54.00*	-14.99
	11200 (Pk)		55.61	68.23	-12.62
	11200 (Av)		42.36	54.00	-11.64
	16800 (Pk)		57.37	68.23	-10.86
	16800 (Av)		44.42	54.00	-9.58
5700	5700 (Pk)	Vertical	114.48	-	-
	5700 (Av)		103.50	-	-
	5460 (Pk)		51.52	74.00*	-22.48
	5460 (Av)		38.72	54.00*	-15.28
	11400 (Pk)		64.95	68.23	-3.28
	11400 (Av)		48.71	54.00	-5.29
	17100 (Pk)		56.58	68.23	-11.65
	17100 (Av)		44.67	54.00	-9.33
	5700 (Pk)	Horizontal	114.05	-	-
	5700 (Av)		103.53	-	-
	5460 (Pk)		52.04	74.00*	-21.96
	5460 (Av)		38.84	54.00*	-15.16
	11400 (Pk)		66.81	68.23	-1.42
	11400 (Av)		50.80	54.00	-3.20
	17100 (Pk)		57.81	68.23	-10.42
	17100 (Av)		44.70	54.00	-9.30
5720	5720 (Pk)	Vertical	113.16	-	-
	5720 (Av)		102.59	-	-
	5460 (Pk)		52.12	74.00*	-21.88
	5460 (Av)		39.01	54.00*	-14.99
	11440 (Pk)		63.58	68.23	-4.65
	11440 (Av)		48.72	54.00	-5.28
	17160(Pk)		57.74	68.23	-10.49
	17160(Av)		44.62	54.00	-9.38
	5720 (Pk)	Horizontal	113.98	-	-
	5720 (Av)		103.11	-	-
	5460 (Pk)		52.97	74.00*	-21.03
	5460 (Av)		39.30	54.00*	-14.70
	11440 (Pk)		67.28	68.23	-0.95
	11440 (Av)		52.24	54.00	-1.76
	17160(Pk)		56.86	68.23	-11.37
	17160(Av)		44.79	54.00	-9.21

Modulation & Data Rate: ax-mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5260	5260 (Pk)	Vertical	115.11	-	-
	5260 (Av)		102.81	-	-
	5350 (Pk)		52.62	74.00*	-21.38
	5350 (Av)		40.24	54.00*	-13.76
	10520 (Pk)		52.46	68.23	-15.77
	10520 (Av)		40.12	54.00	-13.88
	15780 (Pk)		53.14	68.23	-15.09
	15780 (Av)		41.37	54.00	-12.63
	5260 (Pk)	Horizontal	115.66	-	-
	5260 (Av)		103.51	-	-
	5350 (Pk)		53.85	74.00*	-20.15
	5350 (Av)		41.37	54.00*	-12.63
	10520 (Pk)		52.86	68.23	-15.37
	10520 (Av)		40.08	54.00	-13.92
	15780 (Pk)		53.16	68.23	-15.07
	15780 (Av)		41.36	54.00	-12.64
5320	5320 (Pk)	Vertical	114.60	-	-
	5320 (Av)		102.58	-	-
	5350 (Pk)		59.61	74.00*	-14.39
	5350 (Av)		43.70	54.00*	-10.30
	10640 (Pk)		52.00	68.23	-16.23
	10640 (Av)		40.30	54.00	-13.70
	15960 (Pk)		54.02	68.23	-14.21
	15960 (Av)		42.32	54.00	-11.68
	5320 (Pk)	Horizontal	113.91	-	-
	5320 (Av)		102.23	-	-
	5350 (Pk)		60.33	74.00*	-13.67
	5350 (Av)		43.79	54.00*	-10.21
	10640 (Pk)		52.73	68.23	-15.50
	10640 (Av)		40.21	54.00	-13.79
	15960 (Pk)		54.27	68.23	-13.96
	15960 (Av)		42.36	54.00	-11.64
5500	5500 (Pk)	Vertical	114.04	-	-
	5500 (Av)		101.96	-	-
	5460 (Pk)		57.41	74.00*	-16.59
	5460 (Av)		43.29	54.00*	-10.71
	11000 (Pk)		52.51	68.23	-15.72
	11000 (Av)		41.20	54.00	-12.80
	16500 (Pk)		55.41	68.23	-12.82
	16500 (Av)		44.05	54.00	-9.95
	5500 (Pk)	Horizontal	115.21	-	-
	5500 (Av)		103.30	-	-
	5460 (Pk)		58.21	74.00*	-15.79
	5460 (Av)		43.68	54.00*	-10.32
	11000 (Pk)		52.05	68.23	-16.18
	11000 (Av)		41.16	54.00	-12.84
	16500 (Pk)		56.25	68.23	-11.98
	16500 (Av)		44.03	54.00	-9.97

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5600	5600 (Pk)	Vertical	117.03	-	-
	5600 (Av)		104.50	-	-
	5460 (Pk)		52.63	74.00*	-21.37
	5460 (Av)		39.71	54.00*	-14.29
	11200 (Pk)		52.70	68.23	-15.53
	11200 (Av)		41.27	54.00	-12.73
	16800 (Pk)		55.42	68.23	-12.81
	16800 (Av)		44.49	54.00	-9.51
	5600 (Pk)	Horizontal	116.94	-	-
	5600 (Av)		104.94	-	-
	5460 (Pk)		52.92	74.00*	-21.08
	5460 (Av)		40.35	54.00*	-13.65
	11200 (Pk)		54.29	68.23	-13.94
	11200 (Av)		41.99	54.00	-12.01
	16800 (Pk)		56.50	68.23	-11.73
	16800 (Av)		44.41	54.00	-9.59
5700	5700 (Pk)	Vertical	115.74	-	-
	5700 (Av)		103.58	-	-
	5460 (Pk)		53.23	74.00*	-20.77
	5460 (Av)		40.41	54.00*	-13.59
	11400 (Pk)		59.61	68.23	-8.62
	11400 (Av)		45.35	54.00	-8.65
	17100 (Pk)		57.05	68.23	-11.18
	17100 (Av)		44.69	54.00	-9.31
	5700 (Pk)	Horizontal	116.59	-	-
	5700 (Av)		104.52	-	-
	5460 (Pk)		52.50	74.00*	-21.50
	5460 (Av)		40.64	54.00*	-13.36
	11400 (Pk)		62.22	68.23	-6.01
	11400 (Av)		46.81	54.00	-7.19
	17100 (Pk)		56.38	68.23	-11.85
	17100 (Av)		44.71	54.00	-9.29
5720	5720 (Pk)	Vertical	115.52	-	-
	5720 (Av)		103.27	-	-
	5460 (Pk)		53.09	74.00*	-20.91
	5460 (Av)		40.97	54.00*	-13.03
	11440 (Pk)		60.93	68.23	-7.30
	11440 (Av)		45.90	54.00	-8.10
	17160(Pk)		56.53	68.23	-11.70
	17160(Av)		44.87	54.00	-9.13
	5720 (Pk)	Horizontal	115.33	-	-
	5720 (Av)		103.29	-	-
	5460 (Pk)		52.03	74.00*	-21.97
	5460 (Av)		39.57	54.00*	-14.43
	11440 (Pk)		63.38	68.23	-4.85
	11440 (Av)		48.05	54.00	-5.95
	17160(Pk)		56.55	68.23	-11.68
	17160(Av)		44.78	54.00	-9.22

Bandwidth: 40MHz

Modulation & Data Rate: n-mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	109.71	-	-
	5270 (Av)		99.11	-	-
	5350 (Pk)		51.96	74.00*	-22.04
	5350 (Av)		39.71	54.00*	-14.29
	10540 (Pk)		51.69	68.23	-16.54
	10540 (Av)		40.02	54.00	-13.98
	15810 (Pk)		52.68	68.23	-15.55
	15810 (Av)		41.61	54.00	-12.39
	5270 (Pk)	Horizontal	109.56	-	-
	5270 (Av)		98.73	-	-
	5350 (Pk)		51.85	74.00*	-22.15
	5350 (Av)		39.58	54.00*	-14.42
	10540 (Pk)		51.48	68.23	-16.75
	10540 (Av)		40.08	54.00	-13.92
	15810 (Pk)		53.71	68.23	-14.52
	15810 (Av)		41.58	54.00	-12.42
5310	5310 (Pk)	Vertical	110.15	-	-
	5310 (Pk)		99.70	-	-
	5350 (Pk)		60.73	74.00*	-13.27
	5350 (Pk)		44.09	54.00*	-9.91
	10620 (Pk)		52.40	68.23	-15.83
	10620 (Pk)		40.27	54.00	-13.73
	15930 (Pk)		53.11	68.23	-15.12
	15930 (Av)		41.92	54.00	-12.08
	5310 (Pk)	Horizontal	109.91	-	-
	5310 (Pk)		98.95	-	-
	5350 (Pk)		60.70	74.00*	-13.30
	5350 (Pk)		44.56	54.00*	-9.44
	10620 (Pk)		51.18	68.23	-17.05
	10620 (Pk)		40.23	54.00	-13.77
	15930 (Pk)		54.08	68.23	-14.15
	15930 (Av)		41.94	54.00	-12.06
5510	5510 (Pk)	Vertical	110.19	-	-
	5510 (Av)		99.60	-	-
	5460 (Pk)		55.46	74.00*	-18.54
	5460 (Av)		41.72	54.00*	-12.28
	11020 (Pk)		52.94	68.23	-15.29
	11020 (Av)		41.03	54.00	-12.97
	16530 (Pk)		55.80	68.23	-12.43
	16530 (Av)		43.85	54.00	-10.15
	5510 (Pk)	Horizontal	110.68	-	-
	5510 (Av)		99.95	-	-
	5460 (Pk)		55.46	74.00*	-18.54
	5460 (Av)		42.31	54.00*	-11.69
	11020 (Pk)		53.34	68.23	-14.89
	11020 (Av)		41.06	54.00	-12.94
	16530 (Pk)		55.82	68.23	-12.41
	16530 (Av)		43.87	54.00	-10.13

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	110.59	-	-
	5670 (Av)		100.47	-	-
	5460 (Pk)		51.73	74.00*	-22.27
	5460 (Av)		38.81	54.00*	-15.19
	11340 (Pk)		57.75	68.23	-10.48
	11340 (Av)		43.67	54.00	-10.33
	17010 (Pk)		55.63	68.23	-12.60
	17010 (Av)		44.15	54.00	-9.85
	5670 (Pk)	Horizontal	111.05	-	-
	5670 (Av)		100.50	-	-
	5460 (Pk)		51.63	74.00*	-22.37
	5460 (Av)		38.95	54.00*	-15.05
	11340 (Pk)		59.01	68.23	-9.22
	11340 (Av)		44.65	54.00	-9.35
	17010 (Pk)		55.62	68.23	-12.61
	17010 (Av)		44.25	54.00	-9.75
5710	5710 (Pk)	Vertical	111.22	-	-
	5710 (Av)		100.26	-	-
	5460 (Pk)		52.12	74.00*	-21.88
	5460 (Av)		39.07	54.00*	-14.93
	11420 (Pk)		61.52	68.23	-6.71
	11420 (Av)		47.45	54.00	-6.55
	17130(Pk)		55.98	68.23	-12.25
	17130(Av)		44.63	54.00	-9.37
	5710 (Pk)	Horizontal	112.24	-	-
	5710 (Av)		101.05	-	-
	5460 (Pk)		51.51	74.00*	-22.49
	5460 (Av)		39.19	54.00*	-14.81
	11420 (Pk)		63.96	68.23	
	11420 (Av)		49.41	54.00	-4.59
	17130(Pk)		56.68	68.23	-11.55
	17130(Av)		44.63	54.00	-9.37

Modulation & Data Rate: ac-mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	110.34	-	-
	5270 (Av)		99.27	-	-
	5350 (Pk)		52.15	74.00*	-21.85
	5350 (Av)		39.58	54.00*	-14.42
	10540 (Pk)		51.66	68.23	-16.57
	10540 (Av)		39.56	54.00	-14.44
	15810 (Pk)		52.96	68.23	-15.27
	15810 (Av)		40.59	54.00	-13.41
	5270 (Pk)	Horizontal	110.08	-	-
	5270 (Av)		98.71	-	-
	5350 (Pk)		52.07	74.00*	-21.93
	5350 (Av)		39.62	54.00*	-14.38
	10540 (Pk)		51.35	68.23	-16.88
	10540 (Av)		39.28	54.00	-14.72
	15810 (Pk)		52.61	68.23	-15.62
	15810 (Av)		40.51	54.00	-13.49
5310	5310 (Pk)	Vertical	110.50	-	-
	5310 (Pk)		99.90	-	-
	5350 (Pk)		61.90	74.00*	-12.10
	5350 (Pk)		44.04	54.00*	-9.96
	10620 (Pk)		51.05	68.23	-17.18
	10620 (Pk)		39.24	54.00	-14.76
	15930 (Pk)		52.59	68.23	-15.64
	15930 (Av)		40.50	54.00	-13.50
	5310 (Pk)	Horizontal	109.18	-	-
	5310 (Pk)		98.71	-	-
	5350 (Pk)		58.99	74.00*	-15.01
	5350 (Pk)		44.48	54.00*	-9.52
	10620 (Pk)		51.63	68.23	-16.60
	10620 (Pk)		39.37	54.00	-14.63
	15930 (Pk)		53.27	68.23	-14.96
	15930 (Av)		40.55	54.00	-13.45
5510	5510 (Pk)	Vertical	110.30	-	-
	5510 (Av)		110.80	-	-
	5460 (Pk)		55.61	74.00*	-18.39
	5460 (Av)		41.80	54.00*	-12.20
	11020 (Pk)		51.59	68.23	-16.64
	11020 (Av)		39.71	54.00	-14.29
	16530 (Pk)		54.75	68.23	-13.48
	16530 (Av)		42.84	54.00	-11.16
	5510 (Pk)	Horizontal	111.14	-	-
	5510 (Av)		100.32	-	-
	5460 (Pk)		56.67	74.00*	-17.33
	5460 (Av)		42.25	54.00*	-11.75
	11020 (Pk)		51.84	68.23	-16.39
	11020 (Av)		39.58	54.00	-14.42
	16530 (Pk)		54.71	68.23	-13.52
	16530 (Av)		42.79	54.00	-11.21

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	111.00	-	-
	5670 (Av)		100.24	-	-
	5460 (Pk)		51.48	74.00*	-22.52
	5460 (Av)		38.80	54.00*	-15.20
	11340 (Pk)		54.78	68.23	-13.45
	11340 (Av)		41.73	54.00	-12.27
	17010 (Pk)		55.93	68.23	-12.30
	17010 (Av)		43.57	54.00	-10.43
	5670 (Pk)	Horizontal	111.61	-	-
	5670 (Av)		100.78	-	-
	5460 (Pk)		51.66	74.00*	-22.34
	5460 (Av)		39.21	54.00*	-14.79
	11340 (Pk)		58.68	68.23	-9.55
	11340 (Av)		43.25	54.00	-10.75
	17010 (Pk)		55.87	68.23	-12.36
	17010 (Av)		43.57	54.00	-10.43
5710	5710 (Pk)	Vertical	111.31	-	-
	5710 (Av)		100.40	-	-
	5460 (Pk)		51.83	74.00*	-22.17
	5460 (Av)		39.27	54.00*	-14.73
	11420 (Pk)		59.23	68.23	-9.00
	11420 (Av)		44.87	54.00	-9.13
	17130(Pk)		55.59	68.23	-12.64
	17130(Av)		43.64	54.00	-10.36
	5710 (Pk)	Horizontal	112.19	-	-
	5710 (Av)		101.25	-	-
	5460 (Pk)		52.04	74.00*	-21.96
	5460 (Av)		39.20	54.00*	-14.80
	11420 (Pk)		61.88	68.23	
	11420 (Av)		46.41	54.00	-7.59
	17130(Pk)		56.02	68.23	-12.21
	17130(Av)		43.86	54.00	-10.14

Modulation & Data Rate: ax-mode & MCS0

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5270	5270 (Pk)	Vertical	112.53	-	-
	5270 (Av)		99.63	-	-
	5350 (Pk)		52.47	74.00*	-21.53
	5350 (Av)		39.82	54.00*	-14.18
	10540 (Pk)		51.16	68.23	-17.07
	10540 (Av)		38.83	54.00	-15.17
	15810 (Pk)		51.71	68.23	-16.52
	15810 (Av)		40.26	54.00	-13.74
	5270 (Pk)	Horizontal	112.23	-	-
	5270 (Av)		98.93	-	-
	5350 (Pk)		52.07	74.00*	-21.93
	5350 (Av)		40.02	54.00*	-13.98
	10540 (Pk)		50.80	68.23	-17.43
	10540 (Av)		38.87	54.00	-15.13
	15810 (Pk)		52.45	68.23	-15.78
	15810 (Av)		40.31	54.00	-13.69
5310	5310 (Pk)	Vertical	113.40	-	-
	5310 (Pk)		99.87	-	-
	5350 (Pk)		61.42	74.00*	-12.58
	5350 (Pk)		44.34	54.00*	-9.66
	10620 (Pk)		51.64	68.23	-16.59
	10620 (Pk)		39.12	54.00	-14.88
	15930 (Pk)		52.47	68.23	-15.76
	15930 (Av)		40.46	54.00	-13.54
	5310 (Pk)	Horizontal	111.59	-	-
	5310 (Pk)		98.62	-	-
	5350 (Pk)		60.63	74.00*	-13.37
	5350 (Pk)		44.64	54.00*	-9.36
	10620 (Pk)		50.49	68.23	-17.74
	10620 (Pk)		39.00	54.00	-15.00
	15930 (Pk)		51.69	68.23	-16.54
	15930 (Av)		40.39	54.00	-13.61
5510	5510 (Pk)	Vertical	112.84	-	-
	5510 (Av)		100.07	-	-
	5460 (Pk)		56.43	74.00*	-17.57
	5460 (Av)		42.28	54.00*	-11.72
	11020 (Pk)		52.02	68.23	-16.21
	11020 (Av)		39.52	54.00	-14.48
	16530 (Pk)		54.13	68.23	-14.10
	16530 (Av)		42.78	54.00	-11.22
	5510 (Pk)	Horizontal	113.51	-	-
	5510 (Av)		100.45	-	-
	5460 (Pk)		57.49	74.00*	-16.51
	5460 (Av)		42.51	54.00*	-11.49
	11020 (Pk)		50.90	68.23	-17.33
	11020 (Av)		39.48	54.00	-14.52
	16530 (Pk)		53.93	68.23	-14.30
	16530 (Av)		42.89	54.00	-11.11

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5670	5670 (Pk)	Vertical	113.80	-	-
	5670 (Av)		100.79	-	-
	5460 (Pk)		51.65	74.00*	-22.35
	5460 (Av)		39.36	54.00*	-14.64
	11340 (Pk)		57.78	68.23	-10.45
	11340 (Av)		43.45	54.00	-10.55
	17010 (Pk)		56.91	68.23	-11.32
	17010 (Av)		43.57	54.00	-10.43
	5670 (Pk)	Horizontal	113.83	-	-
	5670 (Av)		100.75	-	-
	5460 (Pk)		51.90	74.00*	-22.10
	5460 (Av)		39.66	54.00*	-14.34
	11340 (Pk)		55.52	68.23	-12.71
	11340 (Av)		43.28	54.00	-10.72
	17010 (Pk)		55.08	68.23	-13.15
	17010 (Av)		43.57	54.00	-10.43
5710	5710 (Pk)	Vertical	113.24	-	-
	5710 (Av)		100.58	-	-
	5460 (Pk)		52.02	74.00*	-21.98
	5460 (Av)		39.59	54.00*	-14.41
	11420 (Pk)		55.51	68.23	-12.72
	11420 (Av)		43.11	54.00	-10.89
	17130(Pk)		55.00	68.23	-13.23
	17130(Av)		43.89	54.00	-10.11
	5710 (Pk)	Horizontal	114.31	-	-
	5710 (Av)		101.24	-	-
	5460 (Pk)		51.48	74.00*	-22.52
	5460 (Av)		39.47	54.00*	-14.53
	11420 (Pk)		61.44	68.23	
	11420 (Av)		46.60	54.00	-7.40
	17130(Pk)		56.07	68.23	-12.16
	17130(Av)		43.94	54.00	-10.06

Bandwidth: 80MHz

Modulation & Data Rate: ac-mode & 80MHz

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	107.76	-	-
	5290 (Av)		96.86	-	-
	5350 (Pk)		63.84	74.00*	-10.16
	5350 (Av)		46.39	54.00*	-7.61
	10580 (Pk)		51.14	68.23	-17.09
	10580 (Av)		39.01	54.00	-14.99
	15870 (Pk)		51.70	68.23	-16.53
	15870 (Av)		40.49	54.00	-13.51
	5290 (Pk)	Horizontal	106.69	-	-
	5290 (Av)		95.90	-	-
	5350 (Pk)		59.91	74.00*	-14.09
	5350 (Av)		45.36	54.00*	-8.64
	10580 (Pk)		50.16	68.23	-18.07
	10580 (Av)		38.93	54.00	-15.07
	15870 (Pk)		52.99	68.23	-15.24
	15870 (Av)		40.49	54.00	-13.51
5530	5530 (Pk)	Vertical	106.65	-	-
	5530 (Av)		96.30	-	-
	5460 (Pk)		60.97	74.00*	-13.03
	5460 (Av)		46.70	54.00*	-7.30
	11060 (Pk)		51.68	68.23	-16.55
	11060 (Av)		39.34	54.00	-14.66
	16590 (Pk)		55.39	68.23	-12.84
	16590 (Av)		43.10	54.00	-10.90
	5530 (Pk)	Horizontal	108.57	-	-
	5530 (Av)		97.44	-	-
	5460 (Pk)		62.46	74.00*	-11.54
	5460 (Av)		47.51	54.00*	-6.49
	11060 (Pk)		51.20	68.23	-17.03
	11060 (Av)		39.38	54.00	-14.62
	16590 (Pk)		55.24	68.23	-12.99
	16590 (Av)		43.09	54.00	-10.91
5690	5690 (Pk)	Vertical	107.74	-	-
	5690 (Av)		97.18	-	-
	5460 (Pk)		51.84	74.00*	-22.16
	5460 (Av)		39.35	54.00*	-14.65
	11380 (Pk)		53.53	68.23	-14.70
	11380 (Av)		41.55	54.00	-12.45
	17070 (Pk)		56.40	68.23	-11.83
	17070 (Av)		43.42	54.00	-10.58
	5690 (Pk)	Horizontal	109.33	-	-
	5690 (Av)		97.90	-	-
	5460 (Pk)		51.16	74.00*	-22.84
	5460 (Av)		39.16	54.00*	-14.84
	11380 (Pk)		56.03	68.23	-12.20
	11380 (Av)		42.85	54.00	-11.15
	17070 (Pk)		54.61	68.23	-13.62
	17070 (Av)		43.45	54.00	-10.55

Modulation & Data Rate: ax-mode & 80MHz

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5290	5290 (Pk)	Vertical	110.55	-	-
	5290 (Av)		97.50	-	-
	5350 (Pk)		63.28	74.00*	-10.72
	5350 (Av)		46.64	54.00*	-7.36
	10580 (Pk)		52.22	68.23	-16.01
	10580 (Av)		40.05	54.00	-13.95
	15870 (Pk)		53.88	68.23	-14.35
	15870 (Av)		41.83	54.00	-12.17
	5290 (Pk)	Horizontal	110.19	-	-
	5290 (Av)		96.36	-	-
	5350 (Pk)		61.63	74.00*	-12.37
	5350 (Av)		45.86	54.00*	-8.14
	10580 (Pk)		51.75	68.23	-16.48
	10580 (Av)		40.05	54.00	-13.95
	15870 (Pk)		53.73	68.23	-14.50
	15870 (Av)		41.87	54.00	-12.13
5530	5530 (Pk)	Vertical	110.18	-	-
	5530 (Av)		96.94	-	-
	5460 (Pk)		62.42	74.00*	-11.58
	5460 (Av)		47.76	54.00*	-6.24
	11060 (Pk)		52.95	68.23	-15.28
	11060 (Av)		40.92	54.00	-13.08
	16590 (Pk)		55.73	68.23	-12.50
	16590 (Av)		44.03	54.00	-9.97
	5530 (Pk)	Horizontal	110.29	-	-
	5530 (Av)		97.23	-	-
	5460 (Pk)		61.04	74.00*	-12.96
	5460 (Av)		47.37	54.00*	-6.63
	11060 (Pk)		52.61	68.23	-15.62
	11060 (Av)		40.95	54.00	-13.05
	16590 (Pk)		55.71	68.23	-12.52
	16590 (Av)		44.08	54.00	-9.92
5690	5690 (Pk)	Vertical	110.81	-	-
	5690 (Av)		98.14	-	-
	5460 (Pk)		52.67	74.00*	-21.33
	5460 (Av)		39.48	54.00*	-14.52
	11380 (Pk)		57.04	68.23	-11.19
	11380 (Av)		44.14	54.00	-9.86
	17070 (Pk)		56.13	68.23	-12.10
	17070 (Av)		44.20	54.00	-9.80
	5690 (Pk)	Horizontal	111.09	-	-
	5690 (Av)		98.36	-	-
	5460 (Pk)		51.50	74.00*	-22.50
	5460 (Av)		39.61	54.00*	-14.39
	11380 (Pk)		58.97	68.23	-9.26
	11380 (Av)		45.37	54.00	-8.63
	17070 (Pk)		56.53	68.23	-11.70
	17070 (Av)		44.16	54.00	-9.84

7.6 FREQUENCY STABILITY

Result ***Pass***

Test Specification	FCC part 15 Subpart E 15.407 (g) / RSS Gen Issue 5, Section 8.11
Test Method	Subclause 6.8.1 of ANSI C63.10
Port of testing	Antenna port
Requirement	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual

Test Method:

Test Condition:

Normal Test Condition:

Temperature (Norm) = + 22.6 °C Voltage = 56VDC through POE Injector Relative humidity: 62 %

KDB Guidelines applied:

Measurements were made as per section 3 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

Test results:

Temperature (ºC)	Channel Bandwidth (MHz)	Channel frequency (MHz)	0 Min	2 Min	5 Min	10 Min
-40	20	5260	-1.36	3.79	3.79	3.79
		5320	-3.51	2.62	1.24	1.24
		5500	3.82	-1.63	-1.63	1.39
		5600	-1.43	3.82	-5.41	-3.33
		5700	2.89	2.79	-5.46	-5.46
		5720	-1.36	3.84	2.64	2.79
-30		5260	-4.98	-3.28	-3.28	-3.28
		5320	-1.43	1.39	1.39	1.39
		5500	7.69	-4.28	-0.73	-0.73
		5600	5.64	5.04	5.04	-0.73
		5700	4.52	-0.68	-0.81	-0.81
		5720	5.34	-0.73	-0.73	-0.73
-20		5260	-0.73	-0.6	-0.73	-0.78
		5320	-6.31	1.29	1.29	1.29
		5500	-5.48	-0.73	-0.71	-0.71
		5600	-4.86	-0.76	-0.76	-0.76
		5700	-4.43	-0.66	-0.66	-0.78
		5720	-5.08	-0.68	-0.73	-1.23
-10		5260	-7.63	-0.76	-0.76	-0.71
		5320	-0.68	-0.68	-0.68	-0.53
		5500	-4.96	-4.96	-0.78	-0.78
		5600	-4.76	5.54	-7.11	-7.11
		5700	7.64	-0.73	-0.73	-0.73
		5720	1.34	1.47	6.04	6.47
0		5260	-1.78	6.39	-0.76	-0.76
		5320	-5.36	1.34	-3.88	2.72
		5500	4.22	-3.91	-0.66	-0.66
		5600	1.09	3.77	-0.71	-0.71
		5700	6.52	5.42	-0.63	-0.63
		5720	3.89	1.77	-0.78	-0.78

Temperature (ºC)	Channel Bandwidth (MHz)	Channel frequency (MHz)	0 Min	2 Min	5 Min	10 Min
10	20	5260	4.54	-0.73	-0.73	-0.73
		5320	-6.36	-7.18	5.07	5.07
		5500	5.24	5.17	-0.68	-0.68
		5600	5.17	-0.71	-0.71	-0.71
		5700	5.07	5.07	-1.23	-1.23
		5720	6.07	2.69	-0.68	-0.68
20		5260	-3.13	2.74	-0.71	-0.71
		5320	5.34	2.92	-0.68	-0.68
		5500	7.82	2.74	-0.71	-0.71
		5600	-0.71	-7.03	-0.68	-0.68
		5700	6.02	-0.63	-0.63	-0.63
		5720	6.99	-0.61	-0.61	-0.61
30		5260	-2.81	-0.51	1.19	1.19
		5320	-4.89	-0.61	-0.61	-0.61
		5500	-0.78	-0.68	-0.68	-0.68
		5600	7.68	-0.78	3.27	1.62
		5700	4.92	-0.53	1.09	1.27
		5720	-0.58	-0.66	-0.66	6.32
40	20	5260	-0.96	-0.68	-0.68	-0.68
		5320	-0.53	0.92	0.92	0.92
		5500	-0.76	-0.51	4.5	4.5
		5600	7.8	-0.63	1.39	1.39
		5700	4.87	-0.83	-0.66	-0.66
		5720	-0.56	-0.53	1.82	1.82
50		5260	-0.61	-0.61	-6.39	-6.39
		5320	-0.71	1.42	1.42	1.42
		5500	-0.58	1.37	1.37	1.37
		5600	5.22	-0.68	-0.61	-0.61
		5700	7.75	-4.79	1.09	1.09
		5720	-1.06	-0.51	5.47	5.47
60		5260	-0.38	-0.73	-0.73	-0.73
		5320	-7.06	-0.93	1.79	1.79
		5500	5.1	2.14	-0.28	-0.28
		5600	-0.53	1.82	1.37	1.37
		5700	-0.26	-0.61	-0.53	-0.53
		5720	5.77	-0.71	-5.86	-0.58

7.7 AC POWER LINE CONDUCTED EMISSION

Result ***Pass***

Test Specification	:	FCC Part 15 Section 15.207/RSS Gen Issue 5 Section 8.8
Test Method	:	ANSI C 63.10-2013
Testing Location	:	Screened room
Measurement Bandwidth	:	9kHz
Frequency Range	:	150kHz – 30MHz
Supply Voltage	:	110VAC,60Hz
Test Method	:	Refer TEST METHODOLOGY

Limits of section 15.207

Frequency of emission (MHz)	**Conducted limit (dBµV)**	
	Quasi-peak (dBµV)	**Average (dBµV)**
0.15-0.5	66-56*	56-46*
0.5-5	56	46
5-30	60	50

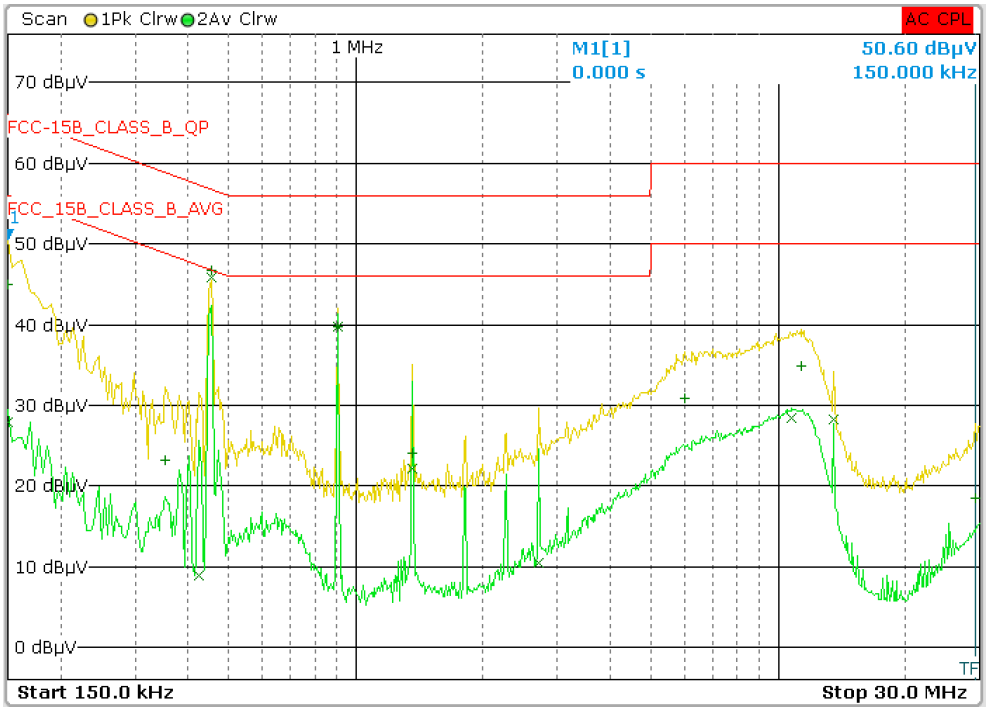
* Decreases with the logarithm of the frequency

Test Conditions:

Normal Temperature = +24°C Voltage (V norm) = 110V AC (Through POE Injector) RH = 64 %

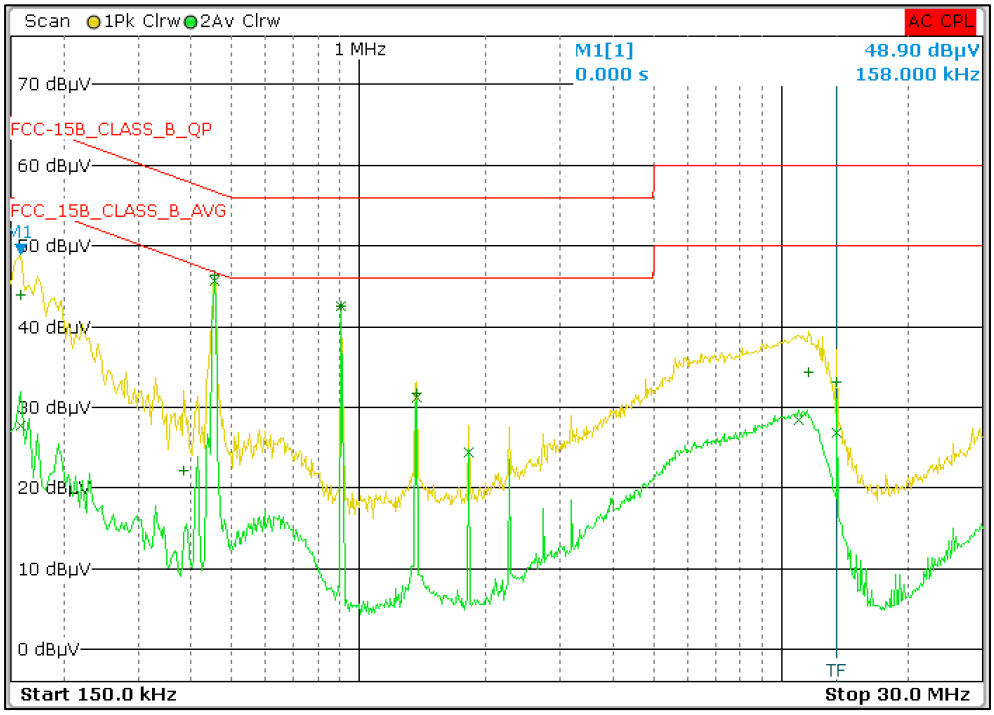
Test results:

110VAC-60Hz-Line



Trace	Frequency	Level (dBµV)	Phase	Detector	Delta Limit/dB
2	454.000000000 kHz	45.91		Average	-0.89
2	906.000000000 kHz	39.78		Average	-6.22
1	454.000000000 kHz	46.72		Quasi Peak	-10.08
1	906.000000000 kHz	39.80		Quasi Peak	-16.20
1	150.000000000 kHz	44.92		Quasi Peak	-21.08
2	10.778000000 MHz	28.34		Average	-21.66
2	13.562000000 MHz	28.22		Average	-21.78
2	1.358000000 MHz	22.15		Average	-23.85
1	11.326000000 MHz	34.90		Quasi Peak	-25.10
2	150.000000000 kHz	27.83		Average	-28.17
1	6.006000000 MHz	30.79		Quasi Peak	-29.21
1	1.358000000 MHz	24.14		Quasi Peak	-31.86
2	2.718000000 MHz	10.39		Average	-35.61
1	354.000000000 kHz	23.12		Quasi Peak	-35.75
2	426.000000000 kHz	8.95		Average	-38.38
1	29.266000000 MHz	18.55		Quasi Peak	-41.45

110VAC-60Hz-Neutral:



Trace	Frequency	Level (dBµV)	Phase	Detector	Delta Limit/dB
2	454.000000000 kHz	45.73		Average	-1.07
2	910.000000000 kHz	42.56		Average	-3.44
1	454.000000000 kHz	46.35		Quasi Peak	-10.45
1	910.000000000 kHz	42.53		Quasi Peak	-13.47
2	1.366000000 MHz	31.26		Average	-14.74
2	1.818000000 MHz	24.46		Average	-21.54
1	158.000000000 kHz	44.01		Quasi Peak	-21.56
2	11.006000000 MHz	28.42		Average	-21.58
2	13.562000000 MHz	26.85		Average	-23.15
1	1.366000000 MHz	31.77		Quasi Peak	-24.23
1	11.630000000 MHz	34.34		Quasi Peak	-25.66
1	13.562000000 MHz	33.13		Quasi Peak	-26.87
2	158.000000000 kHz	27.66		Average	-27.91
1	386.000000000 kHz	22.23		Quasi Peak	-35.92

8 LIST OF TABLES

9 POWER TABLE

Antenna Type & Antenna Gain: Omni Antenna & 12dBi

a-mode 6Mbps	
5260MHz	8
5320MHz	8
5500MHz	8
5600MHz	8
5700MHz	8
5720MHz	8
a-mode 54Mbps	
5260MHz	8
5320MHz	8
5500MHz	8
5600MHz	8
5700MHz	8
5720MHz	8
ac-mode VHT20_MCS0	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
ac-mode VHT20_MCS8	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20

n-mode HT20_MCS0	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
n-mode HT20_MCS7	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
n-mode HT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
n-mode HT40_MCS7	
5270MHz	8
5310MHz	8
5510MHz	8
5670MHz	8
5710MHz	8

ac-mode VHT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac-mode VHT40_MCS9	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac_VHT80_MCS0	
5290MHz	8
5530MHz	8
5690MHz	8
ac_VHT80_MCS9	
5290MHz	8
5530MHz	8
5690MHz	8

ax-mode HE20_HE0	
5260MHz	16
5320MHz	16
5500MHz	16
5600MHz	16
5700MHz	16
5720MHz	16
ax-mode HE20_HE11	
5260MHz	16
5320MHz	16
5500MHz	16
5600MHz	16
5700MHz	16
5720MHz	16

ax-mode HE40_HE0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ax-mode HE40_HE11	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6

ax-mode HE80_HE0	
5290MHz	8
5530MHz	8
5690MHz	8
ax-mode HE80_HE11	
5290MHz	8
5530MHz	8
5690MHz	8

Antenna Type & Antenna Gain: Integrated Panel Antenna & 19dBi

a-mode 6Mbps	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
a-mode 54Mbps	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ac-mode VHT20_MCS0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ac-mode VHT20_MCS8	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6

n-mode HT20_MCS0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
n-mode HT20_MCS7	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
n-mode HT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
n-mode HT40_MCS7	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6

ac-mode VHT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac-mode VHT40_MCS9	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac_VHT80_MCS0	
5290MHz	6
5530MHz	6
5690MHz	6
ac_VHT80_MCS9	
5290MHz	6
5530MHz	6
5690MHz	6

ax-mode HE20_HE0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ax-mode HE20_HE11	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6

ax-mode HE40_HE0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ax-mode HE40_HE11	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6

ax-mode HE80_HE0	
5290MHz	6
5530MHz	6
5690MHz	6
ax-mode HE80_HE11	
5290MHz	6
5530MHz	6
5690MHz	6

Antenna Type & Antenna Gain: **Sector Antenna & 21dBi**

a-mode 6Mbps	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
a-mode 54Mbps	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
ac-mode VHT20_MCS0	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	16
5720MHz	14
ac-mode VHT20_MCS8	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	14
5720MHz	14

n-mode HT20_MCS0	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
n-mode HT20_MCS7	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	20
5720MHz	20
n-mode HT40_MCS0	
5270MHz	20
5310MHz	20
5510MHz	16
5670MHz	16
5710MHz	16
n-mode HT40_MCS7	
5270MHz	20
5310MHz	20
5510MHz	16
5670MHz	16
5710MHz	16

ac-mode VHT40_MCS0	
5270MHz	20
5310MHz	20
5510MHz	16
5670MHz	16
5710MHz	16
ac-mode VHT40_MCS9	
5270MHz	20
5310MHz	20
5510MHz	18
5670MHz	20
5710MHz	20
ac_VHT80_MCS0	
5290MHz	20
5530MHz	16
5690MHz	18
ac_VHT80_MCS9	
5290MHz	16
5530MHz	16
5690MHz	20

ax-mode HE20_HE0	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	12
5720MHz	12
ax-mode HE20_HE11	
5260MHz	20
5320MHz	20
5500MHz	20
5600MHz	20
5700MHz	12
5720MHz	12

ax-mode HE40_HE0	
5270MHz	20
5310MHz	18
5510MHz	18
5670MHz	20
5710MHz	18
ax-mode HE40_HE11	
5270MHz	20
5310MHz	18
5510MHz	18
5670MHz	20
5710MHz	14

ax-mode HE80_HE0	
5290MHz	18
5530MHz	16
5690MHz	20
ax-mode HE80_HE11	
5290MHz	16
5530MHz	14
5690MHz	20

Antenna Type & Antenna Gain: **Panel Antenna & 28dBi**

a-mode 6Mbps	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
a-mode 54Mbps	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ac-mode VHT20_MCS0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ac-mode VHT20_MCS8	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6

n-mode HT20_MCS0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
n-mode HT20_MCS7	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
n-mode HT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
n-mode HT40_MCS7	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6

ac-mode VHT40_MCS0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac-mode VHT40_MCS9	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ac_VHT80_MCS0	
5290MHz	6
5530MHz	6
5690MHz	6
ac_VHT80_MCS9	
5290MHz	6
5530MHz	6
5690MHz	6

ax-mode HE20_HE0	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6
ax-mode HE20_HE11	
5260MHz	6
5320MHz	6
5500MHz	6
5600MHz	6
5700MHz	6
5720MHz	6

ax-mode HE40_HE0	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6
ax-mode HE40_HE11	
5270MHz	6
5310MHz	6
5510MHz	6
5670MHz	6
5710MHz	6

ax-mode HE80_HE0	
5290MHz	6
5530MHz	6
5690MHz	6
ax-mode HE80_HE11	
5290MHz	6
5530MHz	6
5690MHz	6

***Note:** Above mentioned power level index updated as per the QRCT4 GUI Software provided by the manufacturer.

*****END OF TEST REPORT*****