REPORT No.: SZ25050350W04

TEST REPORT

APPLICANT	:	BLU Products, Inc.
PRODUCT NAME	:	Smart Phone
MODEL NAME	:	N4
BRAND NAME	:	BOLD
FCC ID	:	YHLBLU4NC
STANDARD(S)	:	47 CFR Part 15 Subpart E
RECEIPT DATE	:	2025-07-08
TEST DATE	:	2025-07-11 to 2025-08-05
ISSUE DATE	:	2025-08-18

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DIRECTORY

Change History		
Version	**Date**	**Reason for change**
1.0	2025-08-18	First edition

1. Summary of Test Result

No.	Section	Description	Test Date	Test Engineer	Result	Remark
1	15.203	Antenna Requirement	N/A	N/A	PASS	/
2	ANSI C63.10	Duty Cycle of the Test Signal	Jul. 15&18, 2025	Li Xinpeng	PASS	/
3	15.407(a)	Maximum Conducted Output Power	Jul. 15&18, 2025	Li Xinpeng	PASS	/
4	15.407(a) (e)	Emission Bandwidth	Jul. 15&18, 2025	Li Xinpeng	PASS	/
5	15.407(a)	Peak Power Spectral Density	Jul. 15&18, 2025	Li Xinpeng	PASS	/
6	15.407(g)	Frequency Stability	Aug. 04, 2025	Li Xinpeng	PASS	/
7	15.407(h)	DFS	Jul. 30, 2025	Li Xinpeng	PASS	/
8	15.207	Conducted Emission	Jul. 29, 2025	Wang Yapeng	PASS	/
9	15.407(b)	Restricted Frequency Bands	Jul. 17, 2025	Wang Deyong	PASS	/
10	15.407(b)	Radiated Emission	Jul. 16, 2025	Wang Deyong	PASS	/

Note 1: The tests of Conducted Emission and Radiated Emission were performed according to the method of measurements prescribed in ANSI C63.10-2020.

Note 2: These RF tests were performed according to the method of measurements prescribed in KDB 789033 D02 v02r01.

Note 3: These RF tests were performed according to the method of measurements prescribed in KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02.

Note 4: Any additions, deviation, or exclusions from the method shall be noted in the “Remark".

1.1. Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

• 47 CFR Part 15 Subpart E Radio Frequency Devices

1.2. Test Equipment List

1.2.1 Conducted Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
EXA Signal Analyzer	MY53470836	N9010A	Agilent	2025.01.15	2026.01.14
USB Wideband Power Sensor	MY54180008	U2021XA	Agilent	2024.09.11	2025.09.10
Temperature Chamber	12108015	DTL-003S101	YOMA	2024.09.11	2025.09.10
RF Cable (30MHz-26GHz)	CB01	RF01	Morlab	N/A	N/A
SMA Connector	CN01	RF03	HUBER-SUHNER	N/A	N/A

1.2.2 Conducted Emission Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Receiver	101052	ESPI	R&S	2025.05.15	2026.05.14
LISN	103131	ENV 216	R&S	2025.03.20	2026.03.19
RF Coaxial Cable (DC-100MHz)	EMC-CE-00514	N/A	N/A	2025.05.06	2026.05.05

1.2.3 List of Software Used

Description	Manufacturer	Software Version
Test System	MaiWei	2.0.0.0
JS32-RE	Tonscend	5.0.0
TS+ -[JS32-CE]	Tonscend	2.5.0.0

1.2.4 Radiated Test Equipment

Equipment	Serial No.	Type	Manufacturer	Cal. Date	Due Date
Signal Analyzer	MY56060145	N9020A	Agilent	2025.05.13	2026.05.12
Test Antenna - Bi-Log	9163-519	VULB 9163	Schwarzbeck	2025.06.22	2026.06.21
Test Antenna - Loop	1519-022	FMZB1519	Schwarzbeck	2025.05.16	2026.05.15
Test Antenna – Horn	01774	BBHA 9120D	Schwarzbeck	2025.06.20	2026.06.19
Test Antenna – Horn	BBHA9170#773	BBHA9170	Schwarzbeck	2025.06.20	2026.06.19
Preamplifier (10MHz-6GHz)	46732	S10M100L3802	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (2GHz-18GHz)	61171/61172	S020180L3203	LUCIX CORP.	2025.05.13	2026.05.12
Preamplifier (18GHz-40GHz)	DS77209	DCLNA0118-40C-S	Decentest	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE001	PE330	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE002	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-18GHz)	MRE003	CLU18	Pasternack	2025.05.13	2026.05.12
RF Coaxial Cable (DC-40GHz)	22290045	QA360-40-KK-0.5	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-40GHz)	22290046	QA360-40-KKF-2	Qualwave	2024.09.11	2025.09.10
RF Coaxial Cable (DC-18GHz)	22120181	QA500-18-NN-5	Qualwave	2024.09.11	2025.09.10
Anechoic Chamber	N/A	9m*6m*6m	CRT	2025.06.21	2028.06.20
Anechoic Chamber	N/A	9m*6m*6m	CRT	2022.11.30	2025.11.29

1.3. Measurement Uncertainty

Test Items	Uncertainty	Remark
Peak Output Power	±2.22dB	Confidence levels of 95%
Power Spectral Density	±2.22dB	Confidence levels of 95%
Bandwidth	±5%	Confidence levels of 95%
Restricted Frequency Bands	±5%	Confidence levels of 95%
Radiated Emission	±2.95dB	Confidence levels of 95%
Conducted Emission	±2.44dB	Confidence levels of 95%

1.4. Testing Laboratory

Laboratory Name:	Shenzhen Morlab Communications Technology Co., Ltd.
Laboratory Address:	FL.3, Building A, FeiYang Science Park, No.8 LongChang Road, Block 67, BaoAn District, ShenZhen, GuangDong Province, P. R. China
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FCC Designation Number:	CN1192
FCC Test Firm Registration Number:	226174

2. General Description

2.1. Information of Applicant and Manufacturer

Applicant:	BLU Products, Inc.
Applicant Address:	8600 NW 36th Street, Suite #300 | Miami, FL 33166 USA
Manufacturer:	BLU Products, Inc.
Manufacturer Address:	8600 NW 36th Street, Suite #300 | Miami, FL 33166 USA

2.2. Information of EUT

Product Name:	Smart Phone		
Sample No.:	1#, 8#		
Hardware Version:	KX10GF_06		
Software Version:	BOLD_N0090_V15.0.03.00_GENERIC 01-08-2025 21:45		
Modulation Technology:	OFDM, OFDMA		
Modulation Mode:	802.11a, 802.11n (HT20), 802.11n (HT40) 802.11ac (VHT20), 802.11ac (VHT40), 802.11ax (HEW20), 802.11ax (HEW40), 802.11ax (HEW80)		
Operating Frequency Range:	5180MHz-5240MHz; 5260MHz-5320MHz; 5500MHz-5720MHz; 5745MHz-5825MHz		
Antenna Type:	PCB Monopole Antenna		
Antenna Gain(dBi):	ANT 6	ANT 9	Directional Gain Note2
	-2.10	-0.30	1.86
Accessory Information:	Battery		
	Brand Name:	BOLD	
	Model No.:	C865255500P	
	Serial No.:	N/A	
	Capacity:	4900mAh	
	Rated Voltage:	3.87V	
	Charge Limit:	4.45V	
	Manufacturer:	Guangdong Highpower New Energy Technology Co. , Ltd.	
	AC Adapter		
	Brand Name:	N/A	
	Model No.:	LM-202E-050200U03CE	
	Serial No.:	N/A	

	Rated Output:	5.0V⎓2.0A
	Rated Input:	100-240V~50/60Hz, 0.35A
	Manufacturer:	Chongqing Lianmao Electronics Co., Ltd

Note 1: The EUT supports a MIMO function. Physically, the EUT provides two completed transmitters and two receivers for 802.11n, 802.11ac and 802.11ax modulation mode.

Modulation Mode:	**TX Function**
802.11a	1TX
802.11n/ac/ax	2TX

Note 2: Directional gain is calculated based on KDB 662911 D01

KDB 662911 D01 Directional Gain Calculation			
Clause	Type	Correlation	Calculation formula
F.2.a	Equal G_{ANT} & Power	☐(i). Correlated	$G_{ANT} + 10\log(N_{ANT})$
		☐(ii). Uncorrelated	G_{ANT}
F.2.d	Unequal G_{ANT} & Equal Power	☒(i). Correlated	$10\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/N_{ANT}]$
		☐(ii). Uncorrelated	$10\log[(10^{G1/10} + 10^{G2/10} + \ldots + 10^{GN/10})/N_{ANT}]$

Where G_{ANT} is the antenna gain in dBi, N_{ANT} is the number of outputs.

Note 3: All radiation test items for 802.11n, 802.11ac and 802.11ax modulation mode operate at MIMO mode during the test. Other modulation mode operate at SISO mode, both of the two antennas were tested separately, we only recorded the worst test result(ANT 9) in this report.

Note 4: The EUT description presented in the report are provided by applicant and/or manufacturer, and the test laboratory is not responsible for the accuracy of the information. For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

2.3. Channel List of EUT

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**36**	**5180**	40	5200
	44	**5220**	**48**	**5240**
40MHz	**38**	**5190**	**46**	**5230**
80MHz	**42**	**5210**		
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**52**	**5260**	56	5280
	60	**5300**	**64**	**5320**
40MHz	**54**	**5270**	**62**	**5310**
80MHz	**58**	**5290**		
(U-NII-2C) 5500MHz-5720MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**100**	**5500**	105	5520
	108	5540	112	5560
	116	5580	**120**	**5600**
	124	5620	128	5640
	132	5660	136	5680
	140	5700	**144**	**5720**
40MHz	**102**	**5510**	110	5550
	118	5590	**126**	**5630**
	134	5670	**142**	**5710**
80MHz	**106**	**5530**	**122**	**5610**
	138	**5690**		
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency (MHz)
20MHz	**149**	**5745**	153	5765
	157	**5785**	161	5805
	165	**5825**		
40MHz	**151**	**5755**	**159**	**5795**
80MHz	**155**	**5775**		

Note 1: The black bold channels were selected for test.

2.4. Test Configuration of EUT

2.4.1.Modulation Type and Data Rate of EUT

Mode	Bandwidth (MHz)	Modulation Technology	Modulation Type	Data Rate
802.11a	20	OFDM	**BPSK**	**6**/9/12/18/24/36/48/54 Mbps
			QPSK	
			16QAM	
			64QAM	
802.11n	20/40 (HT20/40)	OFDM	**BPSK**	**MCS0**~MCS7
			QPSK	
			16QAM	
			64QAM	
802.11ac	20/40/80 (VHT20/40/80)	OFDM	**BPSK**	**MSC0**~MCS9
			QPSK	
			16QAM	
			64QAM	
			256QAM	
802.11ax	20/40/80 (HEW20/40/80)	OFDMA	**BPSK**	**MSC0**~MCS11
			QPSK	
			16QAM	
			64QAM	
			256QAM	
			1024QAM	

Note1: The worst-case mode (bold face) in all data rates has been determined during the pre-scan, only the test data of the worst-case were recorded in this report.

Note2: The RF signal transmission of EUT is controlled by the build-in engineering mode which is provided by the manufacturer. The recorded power setting value is the maximum that the engineering mode has configuration during testing.

2.4.2.802.11ax RU Allocation

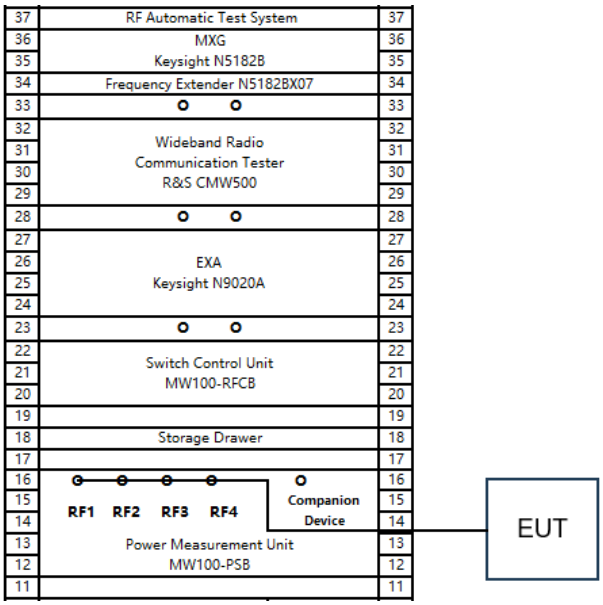
Bandwidth (MHz)	RU Size			User	RU Offset
	Full (Tone)	Partial			
		(Tone)	Bandwidth (MHz)		
20	242	26	2	9	@0/1/2/3/4/5/6/7/8
		52	4	4	@37/38/39/40
		106	8	2	@53/54
		242	20	1	@61
40	484	26	2	18	@0/1/2……15/16/17
		52	4	8	@37/38/39/40/41/42/43/44
		106	8	4	@53/54/55/56
		242	20	2	@61/62
		484	40	1	@65
80	996	26	2	37	@0/1/2……35/36
		52	4	16	@37/38/39……50/51/52
		106	8	8	@53/54/55/56/57/58/59/60
		242	20	4	@61/62/63/64
		484	40	2	@65/66
		996	80	1	@67

2.5. Test Conditions

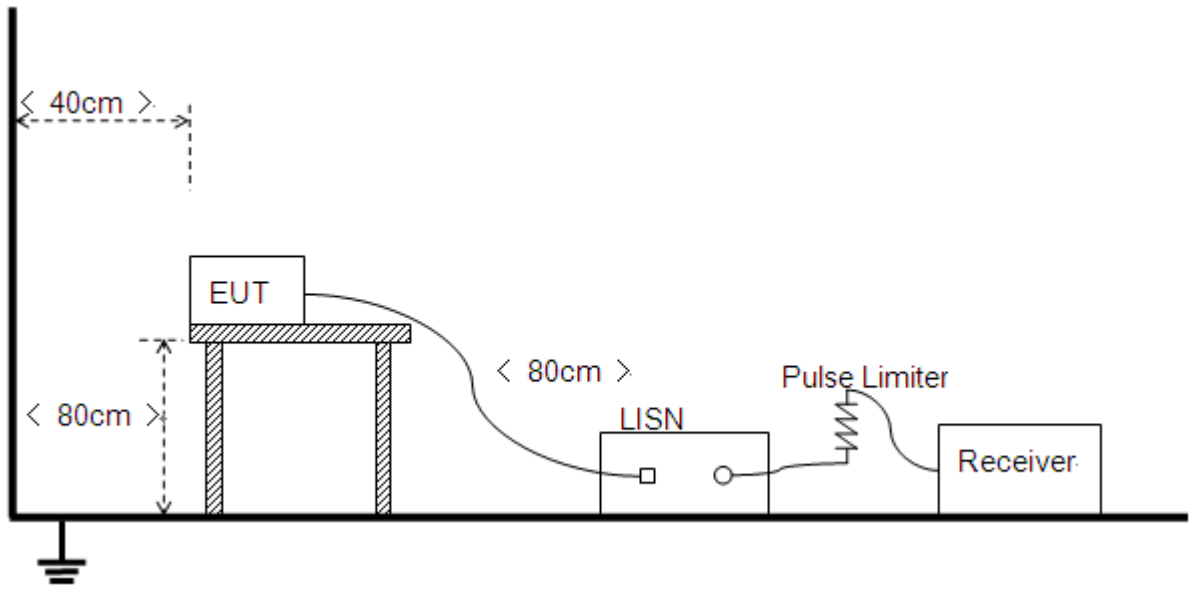
Temperature (°C):	15-35
Relative Humidity (%):	30-60
Atmospheric Pressure (kPa):	86-106

2.6. Test Setup Layout Diagram

2.6.1.Conducted Measurement

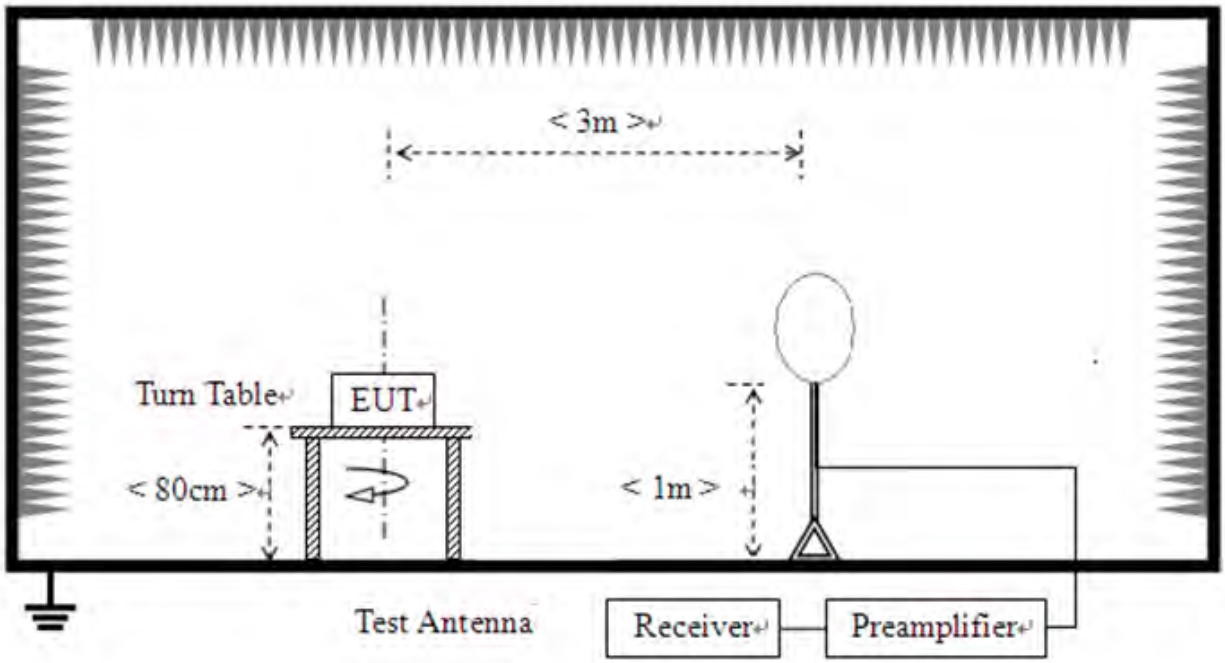


2.6.2.Conducted Emission Measurement

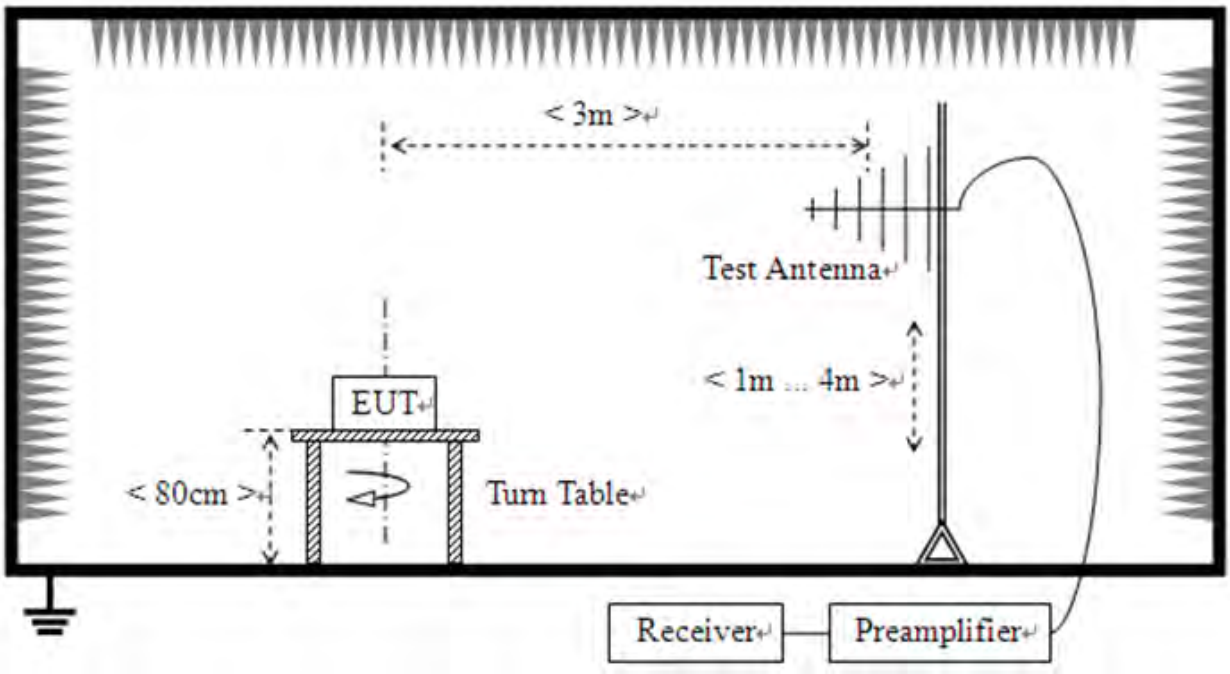


2.6.3.Radiation Measurement

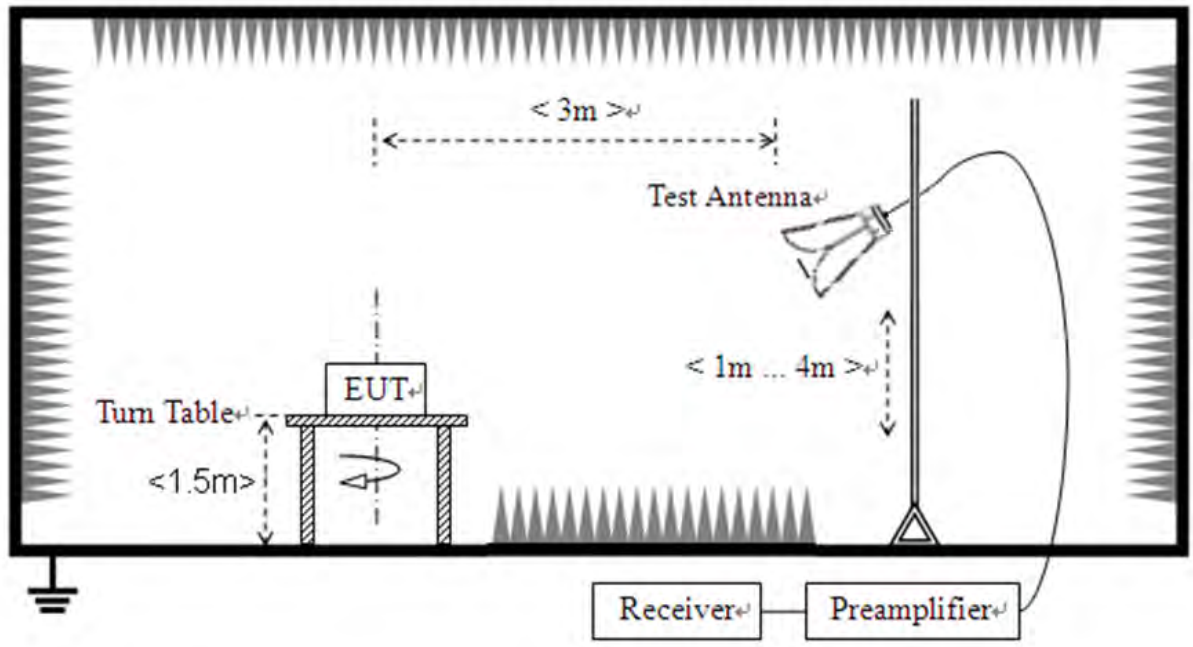
1) For radiated emissions from 9kHz to 30MHz



2) For radiated emissions from 30MHz to1GHz



3) For radiated emissions above 1GHz



3. Test Results

3.1. Antenna Requirement

3.1.1.Requirement

According to FCC 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

3.1.2.Test Result

Antenna location	Antenna Type	Coupling Method
☒Internal	☐FPC Antenna	☐I-PEX Connector
☐External	☐Spring Antenna	☐SMA Connector
	☐Ceramic Antenna	☐RP-SMA Connector
	☐Integrated Antenna	☒Metal Shrapnel
	☐Dipole Antenna	☐Layout
	☐PCB Antenna	
	☒PIFA Antenna	
	☐PCB Monopole Antenna	

3.2. Duty Cycle of Test Signal

3.2.1.Requirement

Preferably, all measurements of maximum conducted (average) output power will be performed with the EUT transmitting continuously (i.e., with a duty cycle of greater than or equal to 98%).When continuous operation cannot be realized, then the use of sweep triggering/signal gating techniques can be used to ensure that measurements are made only during transmissions at the maximum power control level. Such sweep triggering/signal gating techniques will require knowledge of the minimum transmission duration(T) over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. Sweep triggering/signal gating techniques can then be used if the measurement/sweep time of the analyzer can be set such that it does not exceed T at any time that data are being acquired (i.e.,no transmitter OFF-time is to be considered).
When continuous transmission cannot be achieved and sweep triggering/signal gating cannot be implemented, alternative procedures are provided that can be used to measure the average power; however, they will require an additional measurement of the transmitter duty cycle (D). Within this sub clause, the duty cycle refers to the fraction of time over which the transmitter is ON and is transmitting at its maximum power control level. The duty cycle is considered to be constant if variations are less than ±2%; otherwise, the duty cycle is considered to be non constant.

3.2.2.Test Result

Refer to Annex A.1 in this report.

3.3. Maximum Conducted Output Power

3.3.1.Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250mW provided the maximum antenna gain does not exceed 6dBi.
(2)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 250mW or 11dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.
(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.
If transmitting antennas of directional gain greater than 6dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
(4) According to KDB662911D01Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in units that are directly proportional to power.

3.3.2.Test Procedures

The EUT (Equipment under the test) which is coupled to the USB Wideband Power Sensor; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in USB Wideband Power Sensor.

For ac (VHT80) mode power
The EUT (Equipment under the test) is coupled to the Spectrum analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading, all test result in Spectrum analyzer.

3.3.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.3.4.Test Result

Refer to Annex A.2 in this report.

3.4. Emission Bandwidth

3.4.1.Requirement

For purposes of this subpart the emission bandwidth shall be determined by measuring the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, that are 26 dB down relative to the maximum level of the modulated carrier. Determination of the emissions bandwidth is based on the use of measurement instrumentation employing a peak detector function with an instrument resolution bandwidth approximately equal to 1.0 percent of the emission bandwidth of the device under measurement. Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.4.1.Test Procedures

1. KDB 789033 Section C) 1) Emission Bandwidth was used in order to prove compliance
a) Set RBW = approximately 1% of the emission bandwidth.
b) Set VBW > RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) 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 analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
2. KDB 789033 Section C) 2) minimum emission bandwidth for the band 5.725-5.85GHz was used in order to prove compliance.
Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for theband5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:
a) Set RBW = 100 kHz.
b) Set video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.2.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.4.3.Test Result

Refer to Annex A.3 in this report.

3.5. Peak Power Spectral Density

3.5.1.Requirement

(1) For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.
(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.
(3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30dBm in any 500kHz band.
If transmitting antennas of directional gain greater than 6dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
(4) According to KDB662911D01Measure-and-sum technique, the conducted emission level (e.g., transmit power or power in specified bandwidth) is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically to determine the total emission level from the device. Summing is performed in units that are directly proportional to power.

3.5.2.Test Procedures

KDB 789033 Section F) Maximum Power Spectral Density (PSD) Method SA-3 was used in order to prove compliance

1) Set span to encompass the entire 26-dB emission bandwidth
2) Set RBW = 1MHz. Set VBW ≥ 3MHz
3) Number of points in sweep ≥ 2 Span / RBW. Sweep time = auto
4) Detector = Average
5) Trace mode=Max hold

Record the max value

3.5.3.Test Setup Layout

Refer to chapter 2.6.1 in this report.

3.5.4.Test Result

Refer to Annex A.4 in this report.

3.6. Frequency Stability

3.6.1.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 user's manual.

3.6.2.Test Procedures

The EUT was placed inside of an environmental chamber as the temperature in the chamber was varied between 5°Cto 40°C. The temperature was incremented by 10º intervals and the unit was allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded. Data for the worst case channel is shown below.

3.6.3.Test Result

Refer to Annex A.5 in this report.

3.7. Dynamic Frequency Selection

3.7.1.Requirement

According to FCC section 15.407(h), (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. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is −64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is −62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

A U-NII network will employ a DFS function to detect signals from radar systems and to avoid co-channel operation with these systems. This applies to the 5250-5350 MHz and/or 5470-5725 MHz bands.1

Within the context of the operation of the DFS function, a U-NII device will operate in either Master Mode or Client Mode. U-NII devices operating in Client Mode can only operate in a network controlled by a U-NII device operating in Master Mode.2

Tables 1 and 2 shown below summarize the information contained in sections 5.1.1 and 5.1.2.

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

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

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode

	Master	Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

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

The operational behavior and individual DFS requirements that are associated with these modes are as follows:

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 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.

Client Devices

a) A Client Device will not transmit before having received appropriate control signals from a Master Device.

b) A Client Device will stop all its transmissions whenever instructed by a Master Device to which it is associated and will meet the Channel Move Time and Channel Closing Transmission Time requirements. The Client Device will not resume any transmissions until it has again received control signals from a Master Device.

c) If a Client Device is performing In-Service Monitoring and detects a Radar Waveform above the DFS Detection Threshold, it will inform the Master Device. This is equivalent to the Master Device detecting the Radar Waveform and d) through f) of section 5.1.1 apply.

d) Irrespective of Client Device or Master Device detection the Channel Move Time and Channel Closing Transmission Time requirements remain the same.

e) The client test frequency must be monitored to ensure no transmission of any type has occurred for 30 minutes. Note: If the client moves with the master, the device is considered compliant if nothing appears in the client non-occupancy period test. For devices that shut down (rather than moving channels), no beacons should appear.

DFS Detection Thresholds

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

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

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ⩾ 200 mill watt	-64 dBm
EIRP < 200 mill watt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 mill watt 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

Table 4 provides the response requirements for Master and Client Devices incorporating DFS.

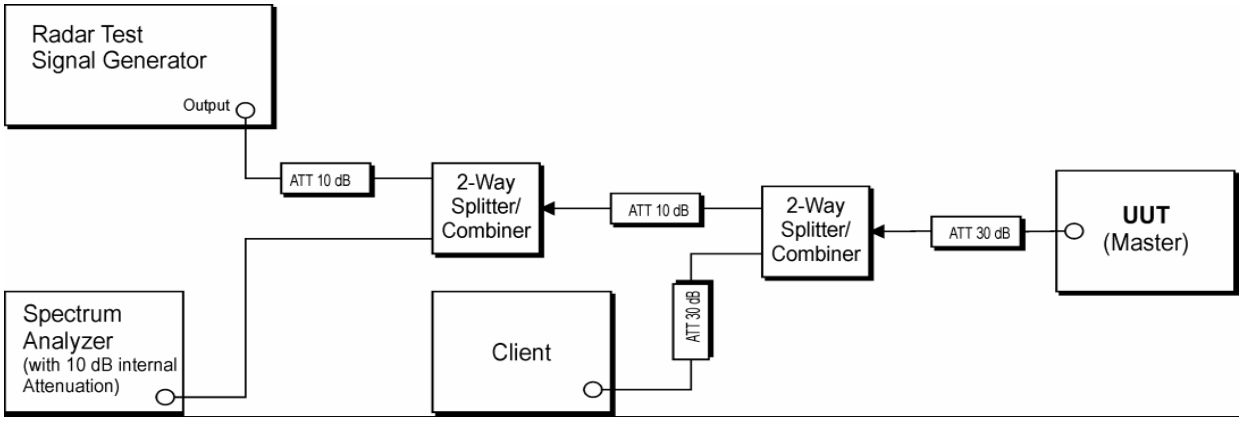
Table 4: DFS Response Requirement Values

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

3.7.2.Test Description

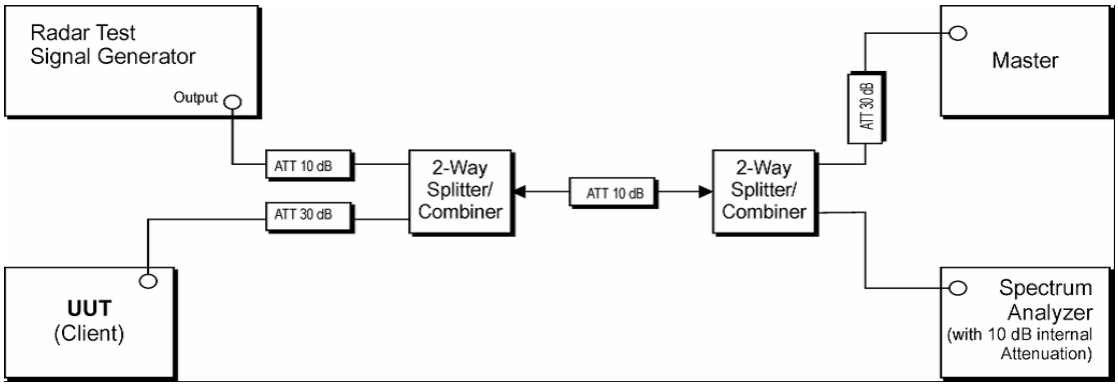
According to Section 7.2 of KDB 905462 D02 V01R01

1. Setup for Master with injection at the Master



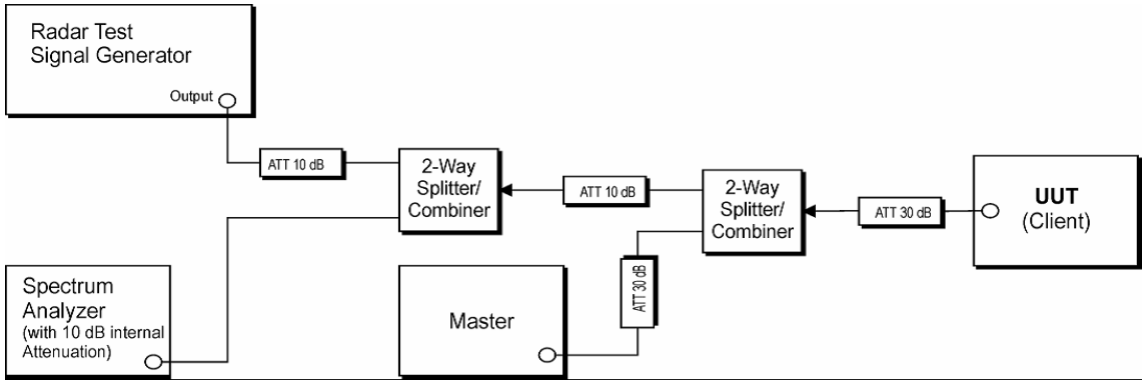
(Example Conducted Setup where UUT is a Master and Radar Test Waveforms are injected into the Master)

2. Setup for Client with injection at the Master



(Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Master)

3. Setup for Client with injection at the Client



(Example Conducted Setup where UUT is a Client and Radar Test Waveforms are injected into the Client)

3.7.3.Information of Companion Device

Product Name:	Router
Manufacturer:	ASUS
FCC ID:	MSQ-RTAXJF00
Device Type:	Master Device
Operating Mode:	Master Mode
Serial No:	M3IAJF201046
Antenna Gain:	2.0dBi

3.7.4.Test Result

Refer to Annex A.6 in this report.

3.8. Conducted Emission

3.8.1.Requirement

According to FCC section 15.207, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150kHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency Range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

Note:

(a) The lower limit shall apply at the band edges.

(b) The limit decreases linearly with the logarithm of the frequency in the range 0.15 - 0.50MHz.

3.8.2.Test Procedures

The Table-top EUT was placed upon a non-metallic table 0.8m above the horizontal metal reference ground plane. EUT was connected to LISN and LISN was connected to reference Ground Plane. EUT was 80cm from LISN. The set-up and test methods were according to ANSI C63.10.

3.8.3.Test Setup Layout

Refer to chapter 2.6.2 in this report.

3.8.4.Test Result

Refer to Annex A.7 in this report.

3.9. Restricted Frequency Bands

3.9.1.Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.

(2) 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 EIRP of -27dBm/MHz.

(3) 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 EIRP of -27dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

3.9.2.Test Procedures

The EUT is located in a 3m Semi-Anechoic Chamber; the antenna factors, cable loss and so on of the site as factors are calculated to correct the reading.
KDB 789033 Section H) 3)5)6(d)) was used in order to prove compliance
For the Test Antenna:
Test Antenna is 3m away from the EUT. Test Antenna height is varied from 1m to 4m above the ground to determine the maximum value of the field strength.

3.9.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.9.4.Test Result

Refer to Annex A.8 in this report.

3.10. Radiated Emission

3.10.1.Requirement

The peak emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:
(1) For transmitters operating in the 5.15–5.25 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of -27dBm/MHz.
(2) 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 EIRP of -27dBm/MHz.
(3) 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 EIRP of -27dBm/MHz.
(4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.
The following formula is used to convert the equipment isotropic radiated power(e.i.r.p.) to field strength (dBμV/m);

$$E = 1000000 \times \sqrt{30P} / 3 \ \mu V/m$$

where P is the EIRP in Watts

Therefore: -27 dBm/MHz = 68.23 dBuV/m

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

For Above 1000MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20dB above the maximum permitted average limit.
In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), also should comply with the radiated emission limits specified in Section 15.209(a)(above table).

3.10.2.Test Procedures

The EUT is placed on a non-conducting table 80 cm above the ground plane for measurement below 1GHz; 1.5 m above the ground plane for measurement above 1GHz.The antenna to EUT distance is 3meters. The EUT is configured in accordance with ANSI C63.10. The EUT is set to transmit in a continuous mode.

For measurements below 30MHz, the emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9kHz-90 kHz, 110kHz-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

For measurements below 1GHz the resolution bandwidth is set to 100kHz for peak detection measurements or 120kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1GHz the resolution bandwidth is set to 1MHz, the video band width is set to 3MHz for peak measurements and as applicable for average measurements.

The EUT is rotated through 360 degrees to maximize emissions received. The antenna is scanned from 1 to 4 meters above the ground plane to further maximize the emission. Measurements are made with the antenna polarized in both the vertical and the horizontal positions. For measurements above 1 GHz, keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response.

3.10.3.Test Setup Layout

Refer to chapter 2.6.3 in this report.

3.10.4.Test Result

Refer to Annex A.9 in this report.

Annex A Test Data and Result

A.1. Duty Cycle of Test Signal

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	a SISO	5180	Ant6	100	0	0
NVNT	a SISO	5220	Ant6	100	0	0
NVNT	a SISO	5240	Ant6	100	0	0
NVNT	a SISO	5260	Ant6	100	0	0
NVNT	a SISO	5300	Ant6	100	0	0
NVNT	a SISO	5320	Ant6	100	0	0
NVNT	a SISO	5500	Ant6	100	0	0
NVNT	a SISO	5580	Ant6	100	0	0
NVNT	a SISO	5720	Ant6	100	0	0
NVNT	a SISO	5745	Ant6	100	0	0
NVNT	a SISO	5785	Ant6	100	0	0
NVNT	a SISO	5825	Ant6	100	0	0
NVNT	a SISO	5180	Ant9	100	0	0
NVNT	a SISO	5220	Ant9	100	0	0
NVNT	a SISO	5240	Ant9	100	0	0
NVNT	a SISO	5260	Ant9	100	0	0
NVNT	a SISO	5300	Ant9	100	0	0
NVNT	a SISO	5320	Ant9	100	0	0
NVNT	a SISO	5500	Ant9	100	0	0
NVNT	a SISO	5580	Ant9	100	0	0
NVNT	a SISO	5720	Ant9	100	0	0
NVNT	a SISO	5745	Ant9	100	0	0
NVNT	a SISO	5785	Ant9	100	0	0
NVNT	a SISO	5825	Ant9	100	0	0
NVNT	n20 SISO	5180	Ant6	100	0	0
NVNT	n20 SISO	5220	Ant6	100	0	0
NVNT	n20 SISO	5240	Ant6	100	0	0
NVNT	n20 SISO	5260	Ant6	100	0	0
NVNT	n20 SISO	5300	Ant6	100	0	0
NVNT	n20 SISO	5320	Ant6	100	0	0
NVNT	n20 SISO	5500	Ant6	100	0	0
NVNT	n20 SISO	5580	Ant6	100	0	0

NVNT	n20 SISO	5720	Ant6	100	0	0
NVNT	n20 SISO	5745	Ant6	100	0	0
NVNT	n20 SISO	5785	Ant6	100	0	0
NVNT	n20 SISO	5825	Ant6	100	0	0
NVNT	n20 SISO	5180	Ant9	100	0	0
NVNT	n20 SISO	5220	Ant9	100	0	0
NVNT	n20 SISO	5240	Ant9	100	0	0
NVNT	n20 SISO	5260	Ant9	100	0	0
NVNT	n20 SISO	5300	Ant9	100	0	0
NVNT	n20 SISO	5320	Ant9	100	0	0
NVNT	n20 SISO	5500	Ant9	100	0	0
NVNT	n20 SISO	5580	Ant9	100	0	0
NVNT	n20 SISO	5720	Ant9	100	0	0
NVNT	n20 SISO	5745	Ant9	100	0	0
NVNT	n20 SISO	5785	Ant9	100	0	0
NVNT	n20 SISO	5825	Ant9	100	0	0
NVNT	n20 MIMO	5180	Sum	100	0	0
NVNT	n20 MIMO	5220	Sum	100	0	0
NVNT	n20 MIMO	5240	Sum	100	0	0
NVNT	n20 MIMO	5260	Sum	100	0	0
NVNT	n20 MIMO	5300	Sum	100	0	0
NVNT	n20 MIMO	5320	Sum	100	0	0
NVNT	n20 MIMO	5500	Sum	100	0	0
NVNT	n20 MIMO	5580	Sum	100	0	0
NVNT	n20 MIMO	5720	Sum	100	0	0
NVNT	n20 MIMO	5745	Sum	100	0	0
NVNT	n20 MIMO	5785	Sum	100	0	0
NVNT	n20 MIMO	5825	Sum	100	0	0
NVNT	n40 SISO	5190	Ant6	100	0	0
NVNT	n40 SISO	5230	Ant6	100	0	0
NVNT	n40 SISO	5270	Ant6	100	0	0
NVNT	n40 SISO	5310	Ant6	100	0	0
NVNT	n40 SISO	5510	Ant6	100	0	0
NVNT	n40 SISO	5550	Ant6	100	0	0
NVNT	n40 SISO	5710	Ant6	100	0	0
NVNT	n40 SISO	5755	Ant6	100	0	0
NVNT	n40 SISO	5795	Ant6	100	0	0
NVNT	n40 SISO	5190	Ant9	100	0	0

NVNT	n40 SISO	5230	Ant9	100	0	0
NVNT	n40 SISO	5270	Ant9	100	0	0
NVNT	n40 SISO	5310	Ant9	100	0	0
NVNT	n40 SISO	5510	Ant9	100	0	0
NVNT	n40 SISO	5550	Ant9	100	0	0
NVNT	n40 SISO	5710	Ant9	100	0	0
NVNT	n40 SISO	5755	Ant9	100	0	0
NVNT	n40 SISO	5795	Ant9	100	0	0
NVNT	n40 MIMO	5190	Sum	100	0	0
NVNT	n40 MIMO	5230	Sum	100	0	0
NVNT	n40 MIMO	5270	Sum	100	0	0
NVNT	n40 MIMO	5310	Sum	100	0	0
NVNT	n40 MIMO	5510	Sum	100	0	0
NVNT	n40 MIMO	5550	Sum	100	0	0
NVNT	n40 MIMO	5710	Sum	100	0	0
NVNT	n40 MIMO	5755	Sum	100	0	0
NVNT	n40 MIMO	5795	Sum	100	0	0
NVNT	ac20 SISO	5180	Ant6	100	0	0
NVNT	ac20 SISO	5220	Ant6	100	0	0
NVNT	ac20 SISO	5240	Ant6	100	0	0
NVNT	ac20 SISO	5260	Ant6	100	0	0
NVNT	ac20 SISO	5300	Ant6	100	0	0
NVNT	ac20 SISO	5320	Ant6	100	0	0
NVNT	ac20 SISO	5500	Ant6	100	0	0
NVNT	ac20 SISO	5580	Ant6	100	0	0
NVNT	ac20 SISO	5720	Ant6	100	0	0
NVNT	ac20 SISO	5745	Ant6	100	0	0
NVNT	ac20 SISO	5785	Ant6	100	0	0
NVNT	ac20 SISO	5825	Ant6	100	0	0
NVNT	ac20 SISO	5180	Ant9	100	0	0
NVNT	ac20 SISO	5220	Ant9	100	0	0
NVNT	ac20 SISO	5240	Ant9	100	0	0
NVNT	ac20 SISO	5260	Ant9	100	0	0
NVNT	ac20 SISO	5300	Ant9	100	0	0
NVNT	ac20 SISO	5320	Ant9	100	0	0
NVNT	ac20 SISO	5500	Ant9	100	0	0
NVNT	ac20 SISO	5580	Ant9	100	0	0
NVNT	ac20 SISO	5720	Ant9	100	0	0

NVNT	ac20 SISO	5745	Ant9	100	0	0
NVNT	ac20 SISO	5785	Ant9	100	0	0
NVNT	ac20 SISO	5825	Ant9	100	0	0
NVNT	ac20 MIMO	5180	Sum	100	0	0
NVNT	ac20 MIMO	5220	Sum	100	0	0
NVNT	ac20 MIMO	5240	Sum	100	0	0
NVNT	ac20 MIMO	5260	Sum	100	0	0
NVNT	ac20 MIMO	5300	Sum	100	0	0
NVNT	ac20 MIMO	5320	Sum	100	0	0
NVNT	ac20 MIMO	5500	Sum	100	0	0
NVNT	ac20 MIMO	5580	Sum	100	0	0
NVNT	ac20 MIMO	5720	Sum	100	0	0
NVNT	ac20 MIMO	5745	Sum	100	0	0
NVNT	ac20 MIMO	5785	Sum	100	0	0
NVNT	ac20 MIMO	5825	Sum	100	0	0
NVNT	ac40 SISO	5190	Ant6	100	0	0
NVNT	ac40 SISO	5230	Ant6	100	0	0
NVNT	ac40 SISO	5270	Ant6	100	0	0
NVNT	ac40 SISO	5310	Ant6	100	0	0
NVNT	ac40 SISO	5510	Ant6	100	0	0
NVNT	ac40 SISO	5550	Ant6	100	0	0
NVNT	ac40 SISO	5710	Ant6	100	0	0
NVNT	ac40 SISO	5755	Ant6	100	0	0
NVNT	ac40 SISO	5795	Ant6	100	0	0
NVNT	ac40 SISO	5190	Ant9	100	0	0
NVNT	ac40 SISO	5230	Ant9	100	0	0
NVNT	ac40 SISO	5270	Ant9	100	0	0
NVNT	ac40 SISO	5310	Ant9	100	0	0
NVNT	ac40 SISO	5510	Ant9	100	0	0
NVNT	ac40 SISO	5550	Ant9	100	0	0
NVNT	ac40 SISO	5710	Ant9	100	0	0
NVNT	ac40 SISO	5755	Ant9	100	0	0
NVNT	ac40 SISO	5795	Ant9	100	0	0
NVNT	ac40 MIMO	5190	Sum	100	0	0
NVNT	ac40 MIMO	5230	Sum	100	0	0
NVNT	ac40 MIMO	5270	Sum	100	0	0
NVNT	ac40 MIMO	5310	Sum	100	0	0
NVNT	ac40 MIMO	5510	Sum	100	0	0

NVNT	ac40 MIMO	5550	Sum	100	0	0
NVNT	ac40 MIMO	5710	Sum	100	0	0
NVNT	ac40 MIMO	5755	Sum	100	0	0
NVNT	ac40 MIMO	5795	Sum	100	0	0
NVNT	ac80 SISO	5210	Ant6	100	0	0
NVNT	ac80 SISO	5290	Ant6	100	0	0
NVNT	ac80 SISO	5530	Ant6	100	0	0
NVNT	ac80 SISO	5610	Ant6	100	0	0
NVNT	ac80 SISO	5690	Ant6	100	0	0
NVNT	ac80 SISO	5775	Ant6	100	0	0
NVNT	ac80 SISO	5210	Ant9	100	0	0
NVNT	ac80 SISO	5290	Ant9	100	0	0
NVNT	ac80 SISO	5530	Ant9	100	0	0
NVNT	ac80 SISO	5610	Ant9	100	0	0
NVNT	ac80 SISO	5690	Ant9	100	0	0
NVNT	ac80 SISO	5775	Ant9	100	0	0
NVNT	ac80 MIMO	5210	Sum	100	0	0
NVNT	ac80 MIMO	5290	Sum	100	0	0
NVNT	ac80 MIMO	5530	Sum	100	0	0
NVNT	ac80 MIMO	5610	Sum	100	0	0
NVNT	ac80 MIMO	5690	Sum	100	0	0
NVNT	ac80 MIMO	5775	Sum	100	0	0
NVNT	ax20 SISO	5180	Ant6	100	0	0
NVNT	ax20 SISO	5220	Ant6	100	0	0
NVNT	ax20 SISO	5240	Ant6	100	0	0
NVNT	ax20 SISO	5260	Ant6	100	0	0
NVNT	ax20 SISO	5300	Ant6	100	0	0
NVNT	ax20 SISO	5320	Ant6	100	0	0
NVNT	ax20 SISO	5500	Ant6	100	0	0
NVNT	ax20 SISO	5580	Ant6	100	0	0
NVNT	ax20 SISO	5720	Ant6	100	0	0
NVNT	ax20 SISO	5745	Ant6	100	0	0
NVNT	ax20 SISO	5785	Ant6	100	0	0
NVNT	ax20 SISO	5825	Ant6	100	0	0
NVNT	ax20 SISO	5180	Ant9	100	0	0
NVNT	ax20 SISO	5220	Ant9	100	0	0
NVNT	ax20 SISO	5240	Ant9	100	0	0
NVNT	ax20 SISO	5260	Ant9	100	0	0

NVNT	ax20 SISO	5300	Ant9	100	0	0
NVNT	ax20 SISO	5320	Ant9	100	0	0
NVNT	ax20 SISO	5500	Ant9	100	0	0
NVNT	ax20 SISO	5580	Ant9	100	0	0
NVNT	ax20 SISO	5720	Ant9	100	0	0
NVNT	ax20 SISO	5745	Ant9	100	0	0
NVNT	ax20 SISO	5785	Ant9	100	0	0
NVNT	ax20 SISO	5825	Ant9	100	0	0
NVNT	ax20 MIMO	5180	Sum	100	0	0
NVNT	ax20 MIMO	5220	Sum	100	0	0
NVNT	ax20 MIMO	5240	Sum	100	0	0
NVNT	ax20 MIMO	5260	Sum	100	0	0
NVNT	ax20 MIMO	5300	Sum	100	0	0
NVNT	ax20 MIMO	5320	Sum	100	0	0
NVNT	ax20 MIMO	5500	Sum	100	0	0
NVNT	ax20 MIMO	5580	Sum	100	0	0
NVNT	ax20 MIMO	5720	Sum	100	0	0
NVNT	ax20 MIMO	5745	Sum	100	0	0
NVNT	ax20 MIMO	5785	Sum	100	0	0
NVNT	ax20 MIMO	5825	Sum	100	0	0
NVNT	ax40 SISO	5190	Ant6	100	0	0
NVNT	ax40 SISO	5230	Ant6	100	0	0
NVNT	ax40 SISO	5270	Ant6	100	0	0
NVNT	ax40 SISO	5310	Ant6	100	0	0
NVNT	ax40 SISO	5510	Ant6	100	0	0
NVNT	ax40 SISO	5550	Ant6	100	0	0
NVNT	ax40 SISO	5710	Ant6	100	0	0
NVNT	ax40 SISO	5755	Ant6	100	0	0
NVNT	ax40 SISO	5795	Ant6	100	0	0
NVNT	ax40 SISO	5190	Ant9	100	0	0
NVNT	ax40 SISO	5230	Ant9	100	0	0
NVNT	ax40 SISO	5270	Ant9	100	0	0
NVNT	ax40 SISO	5310	Ant9	100	0	0
NVNT	ax40 SISO	5510	Ant9	100	0	0
NVNT	ax40 SISO	5550	Ant9	100	0	0
NVNT	ax40 SISO	5710	Ant9	100	0	0
NVNT	ax40 SISO	5755	Ant9	100	0	0
NVNT	ax40 SISO	5795	Ant9	100	0	0

NVNT	ax40 MIMO	5190	Sum	100	0	0
NVNT	ax40 MIMO	5230	Sum	100	0	0
NVNT	ax40 MIMO	5270	Sum	100	0	0
NVNT	ax40 MIMO	5310	Sum	100	0	0
NVNT	ax40 MIMO	5510	Sum	100	0	0
NVNT	ax40 MIMO	5550	Sum	100	0	0
NVNT	ax40 MIMO	5710	Sum	100	0	0
NVNT	ax40 MIMO	5755	Sum	100	0	0
NVNT	ax40 MIMO	5795	Sum	100	0	0
NVNT	ax80 SISO	5210	Ant6	100	0	0
NVNT	ax80 SISO	5290	Ant6	100	0	0
NVNT	ax80 SISO	5530	Ant6	100	0	0
NVNT	ax80 SISO	5610	Ant6	100	0	0
NVNT	ax80 SISO	5690	Ant6	100	0	0
NVNT	ax80 SISO	5775	Ant6	100	0	0
NVNT	ax80 SISO	5210	Ant9	100	0	0
NVNT	ax80 SISO	5290	Ant9	100	0	0
NVNT	ax80 SISO	5530	Ant9	100	0	0
NVNT	ax80 SISO	5610	Ant9	100	0	0
NVNT	ax80 SISO	5690	Ant9	100	0	0
NVNT	ax80 SISO	5775	Ant9	100	0	0
NVNT	ax80 MIMO	5210	Sum	100	0	0
NVNT	ax80 MIMO	5290	Sum	100	0	0
NVNT	ax80 MIMO	5530	Sum	100	0	0
NVNT	ax80 MIMO	5610	Sum	100	0	0
NVNT	ax80 MIMO	5690	Sum	100	0	0
NVNT	ax80 MIMO	5775	Sum	100	0	0
NVNT	ax20 26@1 SISO	5180	Ant6	87.97	0.56	0.2
NVNT	ax20 26@1 SISO	5220	Ant6	87.37	0.59	0.2
NVNT	ax20 26@1 SISO	5240	Ant6	87.71	0.57	0.19
NVNT	ax20 26@1 SISO	5260	Ant6	87.07	0.6	0.2
NVNT	ax20 26@1 SISO	5300	Ant6	87.71	0.57	0.19
NVNT	ax20 26@1	5320	Ant6	87.41	0.58	0.19

	SISO					
NVNT	ax20 26@1 SISO	5500	Ant6	88.93	0.51	0.19
NVNT	ax20 26@1 SISO	5580	Ant6	87.41	0.58	0.19
NVNT	ax20 26@1 SISO	5720	Ant6	87.41	0.58	0.19
NVNT	ax20 26@1 SISO	5745	Ant6	89.51	0.48	0.2
NVNT	ax20 26@1 SISO	5785	Ant6	87.71	0.57	0.19
NVNT	ax20 26@1 SISO	5825	Ant6	87.37	0.59	0.2
NVNT	ax20 26@1 SISO	5180	Ant9	89.86	0.46	0.19
NVNT	ax20 26@1 SISO	5220	Ant9	89.24	0.49	0.19
NVNT	ax20 26@1 SISO	5240	Ant9	88.32	0.54	0.19
NVNT	ax20 26@1 SISO	5260	Ant9	87.71	0.57	0.19
NVNT	ax20 26@1 SISO	5300	Ant9	87.41	0.58	0.19
NVNT	ax20 26@1 SISO	5320	Ant9	87.97	0.56	0.2
NVNT	ax20 26@1 SISO	5500	Ant9	87.97	0.56	0.2
NVNT	ax20 26@1 SISO	5580	Ant9	88.93	0.51	0.19
NVNT	ax20 26@1 SISO	5720	Ant9	88.28	0.54	0.2
NVNT	ax20 26@1 SISO	5745	Ant9	87.37	0.59	0.2
NVNT	ax20 26@1 SISO	5785	Ant9	87.71	0.57	0.19
NVNT	ax20 26@1 SISO	5825	Ant9	87.41	0.58	0.19
NVNT	ax20 26@1 MIMO	5180	Sum	76.47	1.17	0.38

NVNT	ax20 26@1 MIMO	5220	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5240	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5260	Sum	76.92	1.14	0.38
NVNT	ax20 26@1 MIMO	5300	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5320	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5500	Sum	80.25	0.96	0.38
NVNT	ax20 26@1 MIMO	5580	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5720	Sum	77.84	1.09	0.38
NVNT	ax20 26@1 MIMO	5745	Sum	79.75	0.98	0.38
NVNT	ax20 26@1 MIMO	5785	Sum	78.31	1.06	0.38
NVNT	ax20 26@1 MIMO	5825	Sum	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5180	Ant6	79.14	1.02	0.39
NVNT	ax20 52@1 SISO	5220	Ant6	77.71	1.1	0.39
NVNT	ax20 52@1 SISO	5240	Ant6	76.47	1.17	0.38
NVNT	ax20 52@1 SISO	5260	Ant6	78.31	1.06	0.38
NVNT	ax20 52@1 SISO	5300	Ant6	77.71	1.1	0.39
NVNT	ax20 52@1 SISO	5320	Ant6	78.18	1.07	0.39
NVNT	ax20 52@1 SISO	5500	Ant6	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5580	Ant6	78.31	1.06	0.38
NVNT	ax20 52@1	5720	Ant6	77.84	1.09	0.38

	SISO					
NVNT	ax20 52@1 SISO	5745	Ant6	79.27	1.01	0.38
NVNT	ax20 52@1 SISO	5785	Ant6	80.25	0.96	0.38
NVNT	ax20 52@1 SISO	5825	Ant6	78.31	1.06	0.38
NVNT	ax20 52@1 SISO	5180	Ant9	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5220	Ant9	78.31	1.06	0.38
NVNT	ax20 52@1 SISO	5240	Ant9	77.71	1.1	0.39
NVNT	ax20 52@1 SISO	5260	Ant9	80.12	0.96	0.39
NVNT	ax20 52@1 SISO	5300	Ant9	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5320	Ant9	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5500	Ant9	77.84	1.09	0.38
NVNT	ax20 52@1 SISO	5580	Ant9	78.79	1.04	0.38
NVNT	ax20 52@1 SISO	5720	Ant9	81.25	0.9	0.38
NVNT	ax20 52@1 SISO	5745	Ant9	80.25	0.96	0.38
NVNT	ax20 52@1 SISO	5785	Ant9	78.31	1.06	0.38
NVNT	ax20 52@1 SISO	5825	Ant9	78.31	1.06	0.38
NVNT	ax20 52@1 MIMO	5180	Sum	65.05	1.87	0.75
NVNT	ax20 52@1 MIMO	5220	Sum	64.42	1.91	0.75
NVNT	ax20 52@1 MIMO	5240	Sum	65.69	1.83	0.75
NVNT	ax20 52@1 MIMO	5260	Sum	67	1.74	0.75

NVNT	ax20 52@1 MIMO	5300	Sum	64.42	1.91	0.75
NVNT	ax20 52@1 MIMO	5320	Sum	68.37	1.65	0.75
NVNT	ax20 52@1 MIMO	5500	Sum	64.08	1.93	0.76
NVNT	ax20 52@1 MIMO	5580	Sum	64.42	1.91	0.75
NVNT	ax20 52@1 MIMO	5720	Sum	65.05	1.87	0.75
NVNT	ax20 52@1 MIMO	5745	Sum	68.37	1.65	0.75
NVNT	ax20 52@1 MIMO	5785	Sum	64.42	1.91	0.75
NVNT	ax20 52@1 MIMO	5825	Sum	65.05	1.87	0.75
NVNT	ax20 106@1 SISO	5180	Ant6	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5220	Ant6	66.32	1.78	0.79
NVNT	ax20 106@1 SISO	5240	Ant6	64.29	1.92	0.79
NVNT	ax20 106@1 SISO	5260	Ant6	66.32	1.78	0.79
NVNT	ax20 106@1 SISO	5300	Ant6	63	2.01	0.79
NVNT	ax20 106@1 SISO	5320	Ant6	59.43	2.26	0.79
NVNT	ax20 106@1 SISO	5500	Ant6	63	2.01	0.79
NVNT	ax20 106@1 SISO	5580	Ant6	63	2.01	0.79
NVNT	ax20 106@1 SISO	5720	Ant6	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5745	Ant6	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5785	Ant6	65.26	1.85	0.81
NVNT	ax20 106@1	5825	Ant6	62.63	2.03	0.81

	SISO					
NVNT	ax20 106@1 SISO	5180	Ant9	64.95	1.87	0.79
NVNT	ax20 106@1 SISO	5220	Ant9	63	2.01	0.79
NVNT	ax20 106@1 SISO	5240	Ant9	63	2.01	0.79
NVNT	ax20 106@1 SISO	5260	Ant9	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5300	Ant9	63	2.01	0.79
NVNT	ax20 106@1 SISO	5320	Ant9	67.02	1.74	0.79
NVNT	ax20 106@1 SISO	5500	Ant9	63	2.01	0.79
NVNT	ax20 106@1 SISO	5580	Ant9	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5720	Ant9	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5745	Ant9	63	2.01	0.79
NVNT	ax20 106@1 SISO	5785	Ant9	63.64	1.96	0.79
NVNT	ax20 106@1 SISO	5825	Ant9	62.63	2.03	0.81
NVNT	ax20 106@1 MIMO	5180	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5220	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5240	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5260	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5300	Sum	52.38	2.81	1.52
NVNT	ax20 106@1 MIMO	5320	Sum	48.57	3.14	1.47
NVNT	ax20 106@1 MIMO	5500	Sum	46.48	3.33	1.52

NVNT	ax20 106@1 MIMO	5580	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5720	Sum	50	3.01	1.47
NVNT	ax20 106@1 MIMO	5745	Sum	47.14	3.27	1.52
NVNT	ax20 106@1 MIMO	5785	Sum	47.83	3.2	1.52
NVNT	ax20 106@1 MIMO	5825	Sum	47.89	3.2	1.47
NVNT	ax40 26@1 SISO	5190	Ant6	88.28	0.54	0.2
NVNT	ax40 26@1 SISO	5190	Ant9	87.37	0.59	0.2
NVNT	ax40 26@1 MIMO	5190	Sum	88.62	0.52	0.19
NVNT	ax40 52@1 SISO	5190	Ant6	77.84	1.09	0.38
NVNT	ax40 52@1 SISO	5190	Ant9	80.75	0.93	0.38
NVNT	ax40 52@1 MIMO	5190	Sum	78.31	1.06	0.38
NVNT	ax40 106@1 SISO	5190	Ant6	63.64	1.96	0.79
NVNT	ax40 106@1 SISO	5190	Ant9	63	2.01	0.79
NVNT	ax40 106@1 MIMO	5190	Sum	67.02	1.74	0.79
NVNT	ax40 242@1 SISO	5190	Ant6	43.94	3.57	1.72
NVNT	ax40 242@1 SISO	5190	Ant9	43.94	3.57	1.72
NVNT	ax40 242@1 MIMO	5190	Sum	43.94	3.57	1.72
NVNT	ax80 26@1 SISO	5210	Ant6	89.24	0.49	0.19
NVNT	ax80 26@1 SISO	5210	Ant9	87.41	0.58	0.19
NVNT	ax80 26@1	5210	Sum	87.71	0.57	0.19

	MIMO					
NVNT	ax80 52@1 SISO	5210	Ant6	76.33	1.17	0.39
NVNT	ax80 52@1 SISO	5210	Ant9	78.31	1.06	0.38
NVNT	ax80 52@1 MIMO	5210	Sum	78.31	1.06	0.38
NVNT	ax80 106@1 SISO	5210	Ant6	63	2.01	0.79
NVNT	ax80 106@1 SISO	5210	Ant9	63	2.01	0.79
NVNT	ax80 106@1 MIMO	5210	Sum	62	2.08	0.81
NVNT	ax80 242@1 SISO	5210	Ant6	43.94	3.57	1.72
NVNT	ax80 242@1 SISO	5210	Ant9	45.45	3.42	1.67
NVNT	ax80 242@1 MIMO	5210	Sum	45.45	3.42	1.67
NVNT	ax80 484@1 SISO	5210	Ant6	26.23	5.81	3.13
NVNT	ax80 484@1 SISO	5210	Ant9	30.19	5.2	3.12
NVNT	ax80 484@1 MIMO	5210	Sum	32.08	4.94	2.94

A.2. Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Total Conducted Power (dBm)	Total Conducted Power (W)	Limit Conducted (dBm)	Verdict
NVNT	a SISO	5180	Ant6	18.4	0.06918	24	Pass
NVNT	a SISO	5220	Ant6	18.45	0.06998	24	Pass
NVNT	a SISO	5240	Ant6	18.21	0.06622	24	Pass
NVNT	a SISO	5260	Ant6	18.3	0.06761	24	Pass
NVNT	a SISO	5300	Ant6	17.64	0.05808	24	Pass
NVNT	a SISO	5320	Ant6	17.2	0.05248	24	Pass
NVNT	a SISO	5500	Ant6	17.28	0.05346	24	Pass
NVNT	a SISO	5580	Ant6	17.95	0.06237	24	Pass
NVNT	a SISO	5720	Ant6	17.28	0.05346	24	Pass
NVNT	a SISO	5745	Ant6	17.35	0.05433	30	Pass
NVNT	a SISO	5785	Ant6	17.22	0.05272	30	Pass
NVNT	a SISO	5825	Ant6	17.99	0.06295	30	Pass
NVNT	a SISO	5180	Ant9	19.42	0.0875	24	Pass
NVNT	a SISO	5220	Ant9	19.14	0.08204	24	Pass
NVNT	a SISO	5240	Ant9	19.01	0.07962	24	Pass
NVNT	a SISO	5260	Ant9	19.56	0.09036	24	Pass
NVNT	a SISO	5300	Ant9	18.86	0.07691	24	Pass
NVNT	a SISO	5320	Ant9	19.57	0.09057	24	Pass
NVNT	a SISO	5500	Ant9	18.95	0.07852	24	Pass
NVNT	a SISO	5580	Ant9	18.36	0.06855	24	Pass
NVNT	a SISO	5720	Ant9	17.58	0.05728	24	Pass
NVNT	a SISO	5745	Ant9	17.72	0.05916	30	Pass
NVNT	a SISO	5785	Ant9	17.43	0.05534	30	Pass
NVNT	a SISO	5825	Ant9	17.47	0.05585	30	Pass
NVNT	n20 SISO	5180	Ant6	18.42	0.0695	24	Pass
NVNT	n20 SISO	5220	Ant6	18.77	0.07534	24	Pass
NVNT	n20 SISO	5240	Ant6	18.71	0.0743	24	Pass
NVNT	n20 SISO	5260	Ant6	18.65	0.07328	24	Pass
NVNT	n20 SISO	5300	Ant6	17.54	0.05675	24	Pass
NVNT	n20 SISO	5320	Ant6	17.27	0.05333	24	Pass
NVNT	n20 SISO	5500	Ant6	17.53	0.05662	24	Pass
NVNT	n20 SISO	5580	Ant6	17.48	0.05598	24	Pass
NVNT	n20 SISO	5720	Ant6	16.25	0.04217	24	Pass

NVNT	n20 SISO	5745	Ant6	16.11	0.04083	30	Pass
NVNT	n20 SISO	5785	Ant6	16.41	0.04375	30	Pass
NVNT	n20 SISO	5825	Ant6	16.72	0.04699	30	Pass
NVNT	n20 SISO	5180	Ant9	19.4	0.0871	24	Pass
NVNT	n20 SISO	5220	Ant9	19.37	0.0865	24	Pass
NVNT	n20 SISO	5240	Ant9	19.07	0.08072	24	Pass
NVNT	n20 SISO	5260	Ant9	19.4	0.0871	24	Pass
NVNT	n20 SISO	5300	Ant9	19.35	0.0861	24	Pass
NVNT	n20 SISO	5320	Ant9	19.63	0.09183	24	Pass
NVNT	n20 SISO	5500	Ant9	19.16	0.08241	24	Pass
NVNT	n20 SISO	5580	Ant9	18.33	0.06808	24	Pass
NVNT	n20 SISO	5720	Ant9	17.49	0.0561	24	Pass
NVNT	n20 SISO	5745	Ant9	18.03	0.06353	30	Pass
NVNT	n20 SISO	5785	Ant9	17.88	0.06138	30	Pass
NVNT	n20 SISO	5825	Ant9	17.49	0.0561	30	Pass
NVNT	n20 MIMO	5180	Ant6	17.85	0.06095	24	Pass
NVNT	n20 MIMO	5180	Ant9	18.93	0.07816	24	Pass
NVNT	n20 MIMO	5180	Sum	21.43	0.13912	24	Pass
NVNT	n20 MIMO	5220	Ant6	17.88	0.06138	24	Pass
NVNT	n20 MIMO	5220	Ant9	18.61	0.07261	24	Pass
NVNT	n20 MIMO	5220	Sum	21.27	0.13399	24	Pass
NVNT	n20 MIMO	5240	Ant6	17.85	0.06095	24	Pass
NVNT	n20 MIMO	5240	Ant9	18.43	0.06966	24	Pass
NVNT	n20 MIMO	5240	Sum	21.16	0.13062	24	Pass
NVNT	n20 MIMO	5260	Ant6	17.73	0.05929	24	Pass
NVNT	n20 MIMO	5260	Ant9	19.03	0.07998	24	Pass
NVNT	n20 MIMO	5260	Sum	21.44	0.13928	24	Pass
NVNT	n20 MIMO	5300	Ant6	16.8	0.04786	24	Pass
NVNT	n20 MIMO	5300	Ant9	18.83	0.07638	24	Pass
NVNT	n20 MIMO	5300	Sum	20.94	0.12425	24	Pass
NVNT	n20 MIMO	5320	Ant6	16.42	0.04385	24	Pass
NVNT	n20 MIMO	5320	Ant9	18.8	0.07586	24	Pass
NVNT	n20 MIMO	5320	Sum	20.78	0.11971	24	Pass
NVNT	n20 MIMO	5500	Ant6	16.71	0.04688	24	Pass
NVNT	n20 MIMO	5500	Ant9	18.44	0.06982	24	Pass
NVNT	n20 MIMO	5500	Sum	20.67	0.1167	24	Pass
NVNT	n20 MIMO	5580	Ant6	16.68	0.04656	24	Pass
NVNT	n20 MIMO	5580	Ant9	17.56	0.05702	24	Pass

NVNT	n20 MIMO	5580	Sum	20.15	0.10358	24	Pass
NVNT	n20 MIMO	5720	Ant6	16.55	0.04519	24	Pass
NVNT	n20 MIMO	5720	Ant9	16.71	0.04688	24	Pass
NVNT	n20 MIMO	5720	Sum	19.64	0.09207	24	Pass
NVNT	n20 MIMO	5745	Ant6	16.11	0.04083	30	Pass
NVNT	n20 MIMO	5745	Ant9	17.37	0.05458	30	Pass
NVNT	n20 MIMO	5745	Sum	19.8	0.09541	30	Pass
NVNT	n20 MIMO	5785	Ant6	16.34	0.04305	30	Pass
NVNT	n20 MIMO	5785	Ant9	16.87	0.04864	30	Pass
NVNT	n20 MIMO	5785	Sum	19.62	0.09169	30	Pass
NVNT	n20 MIMO	5825	Ant6	16.56	0.04529	30	Pass
NVNT	n20 MIMO	5825	Ant9	16.71	0.04688	30	Pass
NVNT	n20 MIMO	5825	Sum	19.65	0.09217	30	Pass
NVNT	n40 SISO	5190	Ant6	16.74	0.04721	24	Pass
NVNT	n40 SISO	5230	Ant6	17.06	0.05082	24	Pass
NVNT	n40 SISO	5270	Ant6	17.01	0.05023	24	Pass
NVNT	n40 SISO	5310	Ant6	16.48	0.04446	24	Pass
NVNT	n40 SISO	5510	Ant6	16.36	0.04325	24	Pass
NVNT	n40 SISO	5550	Ant6	16.07	0.04046	24	Pass
NVNT	n40 SISO	5710	Ant6	16.17	0.0414	24	Pass
NVNT	n40 SISO	5755	Ant6	15.97	0.03954	30	Pass
NVNT	n40 SISO	5795	Ant6	15.86	0.03855	30	Pass
NVNT	n40 SISO	5190	Ant9	17.07	0.05093	24	Pass
NVNT	n40 SISO	5230	Ant9	16.79	0.04775	24	Pass
NVNT	n40 SISO	5270	Ant9	17.35	0.05433	24	Pass
NVNT	n40 SISO	5310	Ant9	17.48	0.05598	24	Pass
NVNT	n40 SISO	5510	Ant9	17.04	0.05058	24	Pass
NVNT	n40 SISO	5550	Ant9	16.48	0.04446	24	Pass
NVNT	n40 SISO	5710	Ant9	15.73	0.03741	24	Pass
NVNT	n40 SISO	5755	Ant9	15.85	0.03846	30	Pass
NVNT	n40 SISO	5795	Ant9	15.72	0.03733	30	Pass
NVNT	n40 MIMO	5190	Ant6	17.16	0.052	24	Pass
NVNT	n40 MIMO	5190	Ant9	17.02	0.05035	24	Pass
NVNT	n40 MIMO	5190	Sum	20.1	0.10235	24	Pass
NVNT	n40 MIMO	5230	Ant6	16.72	0.04699	24	Pass
NVNT	n40 MIMO	5230	Ant9	16.32	0.04285	24	Pass
NVNT	n40 MIMO	5230	Sum	19.53	0.08984	24	Pass
NVNT	n40 MIMO	5270	Ant6	16.79	0.04775	24	Pass

NVNT	n40 MIMO	5270	Ant9	17.09	0.05117	24	Pass
NVNT	n40 MIMO	5270	Sum	19.95	0.09892	24	Pass
NVNT	n40 MIMO	5310	Ant6	16.14	0.04111	24	Pass
NVNT	n40 MIMO	5310	Ant9	16.83	0.04819	24	Pass
NVNT	n40 MIMO	5310	Sum	19.51	0.08931	24	Pass
NVNT	n40 MIMO	5510	Ant6	15.87	0.03864	24	Pass
NVNT	n40 MIMO	5510	Ant9	16.25	0.04217	24	Pass
NVNT	n40 MIMO	5510	Sum	19.07	0.08081	24	Pass
NVNT	n40 MIMO	5550	Ant6	15.87	0.03864	24	Pass
NVNT	n40 MIMO	5550	Ant9	16.11	0.04083	24	Pass
NVNT	n40 MIMO	5550	Sum	19	0.07947	24	Pass
NVNT	n40 MIMO	5710	Ant6	15.91	0.03899	24	Pass
NVNT	n40 MIMO	5710	Ant9	15.05	0.03199	24	Pass
NVNT	n40 MIMO	5710	Sum	18.51	0.07098	24	Pass
NVNT	n40 MIMO	5755	Ant6	15.57	0.03606	30	Pass
NVNT	n40 MIMO	5755	Ant9	15.04	0.03192	30	Pass
NVNT	n40 MIMO	5755	Sum	18.32	0.06797	30	Pass
NVNT	n40 MIMO	5795	Ant6	15.81	0.03811	30	Pass
NVNT	n40 MIMO	5795	Ant9	15.04	0.03192	30	Pass
NVNT	n40 MIMO	5795	Sum	18.45	0.07002	30	Pass
NVNT	ac20 SISO	5180	Ant6	16.39	0.04355	24	Pass
NVNT	ac20 SISO	5220	Ant6	17.13	0.05164	24	Pass
NVNT	ac20 SISO	5240	Ant6	17.2	0.05248	24	Pass
NVNT	ac20 SISO	5260	Ant6	17.51	0.05636	24	Pass
NVNT	ac20 SISO	5300	Ant6	16.61	0.04581	24	Pass
NVNT	ac20 SISO	5320	Ant6	16.43	0.04395	24	Pass
NVNT	ac20 SISO	5500	Ant6	16.58	0.0455	24	Pass
NVNT	ac20 SISO	5580	Ant6	16.61	0.04581	24	Pass
NVNT	ac20 SISO	5720	Ant6	16.48	0.04446	24	Pass
NVNT	ac20 SISO	5745	Ant6	16.2	0.04169	30	Pass
NVNT	ac20 SISO	5785	Ant6	16.66	0.04634	30	Pass
NVNT	ac20 SISO	5825	Ant6	17.2	0.05248	30	Pass
NVNT	ac20 SISO	5180	Ant9	18.52	0.07112	24	Pass
NVNT	ac20 SISO	5220	Ant9	18.52	0.07112	24	Pass
NVNT	ac20 SISO	5240	Ant9	18.12	0.06486	24	Pass
NVNT	ac20 SISO	5260	Ant9	18.61	0.07261	24	Pass
NVNT	ac20 SISO	5300	Ant9	18.57	0.07194	24	Pass
NVNT	ac20 SISO	5320	Ant9	18.79	0.07568	24	Pass

NVNT	ac20 SISO	5500	Ant9	17.81	0.06039	24	Pass
NVNT	ac20 SISO	5580	Ant9	17.61	0.05768	24	Pass
NVNT	ac20 SISO	5720	Ant9	16.59	0.0456	24	Pass
NVNT	ac20 SISO	5745	Ant9	16.94	0.04943	30	Pass
NVNT	ac20 SISO	5785	Ant9	16.94	0.04943	30	Pass
NVNT	ac20 SISO	5825	Ant9	16.77	0.04753	30	Pass
NVNT	ac20 MIMO	5180	Ant6	17.13	0.05164	24	Pass
NVNT	ac20 MIMO	5180	Ant9	17.64	0.05808	24	Pass
NVNT	ac20 MIMO	5180	Sum	20.4	0.10972	24	Pass
NVNT	ac20 MIMO	5220	Ant6	17.45	0.05559	24	Pass
NVNT	ac20 MIMO	5220	Ant9	17.92	0.06194	24	Pass
NVNT	ac20 MIMO	5220	Sum	20.7	0.11753	24	Pass
NVNT	ac20 MIMO	5240	Ant6	17.31	0.05383	24	Pass
NVNT	ac20 MIMO	5240	Ant9	17.72	0.05916	24	Pass
NVNT	ac20 MIMO	5240	Sum	20.53	0.11298	24	Pass
NVNT	ac20 MIMO	5260	Ant6	17.23	0.05284	24	Pass
NVNT	ac20 MIMO	5260	Ant9	18.06	0.06397	24	Pass
NVNT	ac20 MIMO	5260	Sum	20.68	0.11682	24	Pass
NVNT	ac20 MIMO	5300	Ant6	16.39	0.04355	24	Pass
NVNT	ac20 MIMO	5300	Ant9	17.56	0.05702	24	Pass
NVNT	ac20 MIMO	5300	Sum	20.02	0.10057	24	Pass
NVNT	ac20 MIMO	5320	Ant6	16.46	0.04426	24	Pass
NVNT	ac20	5320	Ant9	17.86	0.06109	24	Pass

	MIMO						
NVNT	ac20 MIMO	5320	Sum	20.23	0.10535	24	Pass
NVNT	ac20 MIMO	5500	Ant6	16.58	0.0455	24	Pass
NVNT	ac20 MIMO	5500	Ant9	17.68	0.05861	24	Pass
NVNT	ac20 MIMO	5500	Sum	20.17	0.10411	24	Pass
NVNT	ac20 MIMO	5580	Ant6	16.11	0.04083	24	Pass
NVNT	ac20 MIMO	5580	Ant9	16.7	0.04677	24	Pass
NVNT	ac20 MIMO	5580	Sum	19.43	0.08761	24	Pass
NVNT	ac20 MIMO	5720	Ant6	16.29	0.04256	24	Pass
NVNT	ac20 MIMO	5720	Ant9	16.13	0.04102	24	Pass
NVNT	ac20 MIMO	5720	Sum	19.22	0.08358	24	Pass
NVNT	ac20 MIMO	5745	Ant6	15.91	0.03899	30	Pass
NVNT	ac20 MIMO	5745	Ant9	16.31	0.04276	30	Pass
NVNT	ac20 MIMO	5745	Sum	19.12	0.08175	30	Pass
NVNT	ac20 MIMO	5785	Ant6	16.28	0.04246	30	Pass
NVNT	ac20 MIMO	5785	Ant9	16.27	0.04236	30	Pass
NVNT	ac20 MIMO	5785	Sum	19.29	0.08483	30	Pass
NVNT	ac20 MIMO	5825	Ant6	16.72	0.04699	30	Pass
NVNT	ac20 MIMO	5825	Ant9	16.04	0.04018	30	Pass
NVNT	ac20 MIMO	5825	Sum	19.4	0.08717	30	Pass

NVNT	ac40 SISO	5190	Ant6	17.73	0.05929	24	Pass
NVNT	ac40 SISO	5230	Ant6	17.84	0.06081	24	Pass
NVNT	ac40 SISO	5270	Ant6	17.85	0.06095	24	Pass
NVNT	ac40 SISO	5310	Ant6	16.97	0.04977	24	Pass
NVNT	ac40 SISO	5510	Ant6	16.99	0.05	24	Pass
NVNT	ac40 SISO	5550	Ant6	17.12	0.05152	24	Pass
NVNT	ac40 SISO	5710	Ant6	16.91	0.04909	24	Pass
NVNT	ac40 SISO	5755	Ant6	16.64	0.04613	30	Pass
NVNT	ac40 SISO	5795	Ant6	16.58	0.0455	30	Pass
NVNT	ac40 SISO	5190	Ant9	17.99	0.06295	24	Pass
NVNT	ac40 SISO	5230	Ant9	17.71	0.05902	24	Pass
NVNT	ac40 SISO	5270	Ant9	18.15	0.06531	24	Pass
NVNT	ac40 SISO	5310	Ant9	18.64	0.07311	24	Pass
NVNT	ac40 SISO	5510	Ant9	18.26	0.06699	24	Pass
NVNT	ac40 SISO	5550	Ant9	17.86	0.06109	24	Pass
NVNT	ac40 SISO	5710	Ant9	16.59	0.0456	24	Pass
NVNT	ac40 SISO	5755	Ant9	16.99	0.05	30	Pass
NVNT	ac40 SISO	5795	Ant9	16.45	0.04416	30	Pass
NVNT	ac40 MIMO	5190	Ant6	17.43	0.05534	24	Pass
NVNT	ac40 MIMO	5190	Ant9	17.52	0.05649	24	Pass
NVNT	ac40 MIMO	5190	Sum	20.49	0.11183	24	Pass
NVNT	ac40 MIMO	5230	Ant6	17.7	0.05888	24	Pass
NVNT	ac40 MIMO	5230	Ant9	17.22	0.05272	24	Pass
NVNT	ac40 MIMO	5230	Sum	20.48	0.11161	24	Pass
NVNT	ac40 MIMO	5270	Ant6	17.45	0.05559	24	Pass
NVNT	ac40 MIMO	5270	Ant9	18.17	0.06561	24	Pass
NVNT	ac40 MIMO	5270	Sum	20.84	0.1212	24	Pass
NVNT	ac40 MIMO	5310	Ant6	17.03	0.05047	24	Pass
NVNT	ac40	5310	Ant9	17.87	0.06124	24	Pass

	MIMO						
NVNT	ac40 MIMO	5310	Sum	20.48	0.1117	24	Pass
NVNT	ac40 MIMO	5510	Ant6	16.99	0.05	24	Pass
NVNT	ac40 MIMO	5510	Ant9	17.54	0.05675	24	Pass
NVNT	ac40 MIMO	5510	Sum	20.28	0.10676	24	Pass
NVNT	ac40 MIMO	5550	Ant6	16.91	0.04909	24	Pass
NVNT	ac40 MIMO	5550	Ant9	17.26	0.05321	24	Pass
NVNT	ac40 MIMO	5550	Sum	20.1	0.1023	24	Pass
NVNT	ac40 MIMO	5710	Ant6	16.65	0.04624	24	Pass
NVNT	ac40 MIMO	5710	Ant9	16.02	0.03999	24	Pass
NVNT	ac40 MIMO	5710	Sum	19.36	0.08623	24	Pass
NVNT	ac40 MIMO	5755	Ant6	16.19	0.04159	30	Pass
NVNT	ac40 MIMO	5755	Ant9	15.8	0.03802	30	Pass
NVNT	ac40 MIMO	5755	Sum	19.01	0.07961	30	Pass
NVNT	ac40 MIMO	5795	Ant6	16.31	0.04276	30	Pass
NVNT	ac40 MIMO	5795	Ant9	15.72	0.03733	30	Pass
NVNT	ac40 MIMO	5795	Sum	19.04	0.08008	30	Pass
NVNT	ac80 SISO	5210	Ant6	17.59	0.05741	24	Pass
NVNT	ac80 SISO	5290	Ant6	16.97	0.04977	24	Pass
NVNT	ac80 SISO	5530	Ant6	16.73	0.0471	24	Pass
NVNT	ac80 SISO	5610	Ant6	16.58	0.0455	24	Pass
NVNT	ac80 SISO	5690	Ant6	16.83	0.04819	24	Pass
NVNT	ac80 SISO	5775	Ant6	16.73	0.0471	30	Pass

NVNT	ac80 SISO	5210	Ant9	17.91	0.0618	24	Pass
NVNT	ac80 SISO	5290	Ant9	18.41	0.06934	24	Pass
NVNT	ac80 SISO	5530	Ant9	17.65	0.05821	24	Pass
NVNT	ac80 SISO	5610	Ant9	17.06	0.05082	24	Pass
NVNT	ac80 SISO	5690	Ant9	17.09	0.05117	24	Pass
NVNT	ac80 SISO	5775	Ant9	16.8	0.04786	30	Pass
NVNT	ac80 MIMO	5210	Ant6	17.32	0.05395	24	Pass
NVNT	ac80 MIMO	5210	Ant9	16.8	0.04786	24	Pass
NVNT	ac80 MIMO	5210	Sum	20.08	0.10181	24	Pass
NVNT	ac80 MIMO	5290	Ant6	17.05	0.0507	24	Pass
NVNT	ac80 MIMO	5290	Ant9	17.55	0.05689	24	Pass
NVNT	ac80 MIMO	5290	Sum	20.32	0.10758	24	Pass
NVNT	ac80 MIMO	5530	Ant6	16.65	0.04624	24	Pass
NVNT	ac80 MIMO	5530	Ant9	16.91	0.04909	24	Pass
NVNT	ac80 MIMO	5530	Sum	19.79	0.09533	24	Pass
NVNT	ac80 MIMO	5610	Ant6	16.02	0.03999	24	Pass
NVNT	ac80 MIMO	5610	Ant9	15.93	0.03917	24	Pass
NVNT	ac80 MIMO	5610	Sum	18.99	0.07917	24	Pass
NVNT	ac80 MIMO	5690	Ant6	16.53	0.04498	24	Pass
NVNT	ac80 MIMO	5690	Ant9	16.21	0.04178	24	Pass
NVNT	ac80 MIMO	5690	Sum	19.38	0.08676	24	Pass
NVNT	ac80 MIMO	5775	Ant6	16.16	0.0413	30	Pass
NVNT	ac80	5775	Ant9	15.67	0.0369	30	Pass

	MIMO						
NVNT	ac80 MIMO	5775	Sum	18.93	0.0782	30	Pass
NVNT	ax20 SISO	5180	Ant6	15.63	0.03656	24	Pass
NVNT	ax20 SISO	5220	Ant6	15.83	0.03828	24	Pass
NVNT	ax20 SISO	5240	Ant6	15.93	0.03917	24	Pass
NVNT	ax20 SISO	5260	Ant6	15.76	0.03767	24	Pass
NVNT	ax20 SISO	5300	Ant6	15.02	0.03177	24	Pass
NVNT	ax20 SISO	5320	Ant6	14.77	0.02999	24	Pass
NVNT	ax20 SISO	5500	Ant6	15.05	0.03199	24	Pass
NVNT	ax20 SISO	5580	Ant6	14.96	0.03133	24	Pass
NVNT	ax20 SISO	5720	Ant6	14.56	0.02858	24	Pass
NVNT	ax20 SISO	5745	Ant6	14.79	0.03013	30	Pass
NVNT	ax20 SISO	5785	Ant6	14.71	0.02958	30	Pass
NVNT	ax20 SISO	5825	Ant6	15.29	0.03381	30	Pass
NVNT	ax20 SISO	5180	Ant9	16.68	0.04656	24	Pass
NVNT	ax20 SISO	5220	Ant9	16.49	0.04457	24	Pass
NVNT	ax20 SISO	5240	Ant9	16.61	0.04581	24	Pass
NVNT	ax20 SISO	5260	Ant9	16.88	0.04875	24	Pass
NVNT	ax20 SISO	5300	Ant9	16.44	0.04406	24	Pass
NVNT	ax20 SISO	5320	Ant9	16.56	0.04529	24	Pass
NVNT	ax20 SISO	5500	Ant9	16.55	0.04519	24	Pass
NVNT	ax20 SISO	5580	Ant9	16	0.03981	24	Pass
NVNT	ax20 SISO	5720	Ant9	15.18	0.03296	24	Pass
NVNT	ax20 SISO	5745	Ant9	15.32	0.03404	30	Pass
NVNT	ax20 SISO	5785	Ant9	14.94	0.03119	30	Pass
NVNT	ax20 SISO	5825	Ant9	15.32	0.03404	30	Pass
NVNT	ax20 MIMO	5180	Ant6	15.82	0.03819	24	Pass
NVNT	ax20 MIMO	5180	Ant9	15.96	0.03945	24	Pass
NVNT	ax20 MIMO	5180	Sum	18.9	0.07764	24	Pass
NVNT	ax20 MIMO	5220	Ant6	15.95	0.03936	24	Pass
NVNT	ax20 MIMO	5220	Ant9	16.2	0.04169	24	Pass
NVNT	ax20	5220	Sum	19.09	0.08104	24	Pass

	MIMO						
NVNT	ax20 MIMO	5240	Ant6	15.63	0.03656	24	Pass
NVNT	ax20 MIMO	5240	Ant9	15.95	0.03936	24	Pass
NVNT	ax20 MIMO	5240	Sum	18.8	0.07591	24	Pass
NVNT	ax20 MIMO	5260	Ant6	15.2	0.03311	24	Pass
NVNT	ax20 MIMO	5260	Ant9	16.1	0.04074	24	Pass
NVNT	ax20 MIMO	5260	Sum	18.68	0.07385	24	Pass
NVNT	ax20 MIMO	5300	Ant6	14.56	0.02858	24	Pass
NVNT	ax20 MIMO	5300	Ant9	15.73	0.03741	24	Pass
NVNT	ax20 MIMO	5300	Sum	18.19	0.06599	24	Pass
NVNT	ax20 MIMO	5320	Ant6	14.42	0.02767	24	Pass
NVNT	ax20 MIMO	5320	Ant9	15.88	0.03873	24	Pass
NVNT	ax20 MIMO	5320	Sum	18.22	0.0664	24	Pass
NVNT	ax20 MIMO	5500	Ant6	15.05	0.03199	24	Pass
NVNT	ax20 MIMO	5500	Ant9	16.03	0.04009	24	Pass
NVNT	ax20 MIMO	5500	Sum	18.58	0.07208	24	Pass
NVNT	ax20 MIMO	5580	Ant6	14.49	0.02812	24	Pass
NVNT	ax20 MIMO	5580	Ant9	14.83	0.03041	24	Pass
NVNT	ax20 MIMO	5580	Sum	17.67	0.05853	24	Pass
NVNT	ax20 MIMO	5720	Ant6	14.61	0.02891	24	Pass

NVNT	ax20 MIMO	5720	Ant9	14.36	0.02729	24	Pass
NVNT	ax20 MIMO	5720	Sum	17.5	0.0562	24	Pass
NVNT	ax20 MIMO	5745	Ant6	14.73	0.02972	30	Pass
NVNT	ax20 MIMO	5745	Ant9	14.89	0.03083	30	Pass
NVNT	ax20 MIMO	5745	Sum	17.82	0.06055	30	Pass
NVNT	ax20 MIMO	5785	Ant6	14.7	0.02951	30	Pass
NVNT	ax20 MIMO	5785	Ant9	14.75	0.02985	30	Pass
NVNT	ax20 MIMO	5785	Sum	17.74	0.05937	30	Pass
NVNT	ax20 MIMO	5825	Ant6	14.73	0.02972	30	Pass
NVNT	ax20 MIMO	5825	Ant9	14.41	0.02761	30	Pass
NVNT	ax20 MIMO	5825	Sum	17.58	0.05732	30	Pass
NVNT	ax40 SISO	5190	Ant6	16.13	0.04102	24	Pass
NVNT	ax40 SISO	5230	Ant6	16.43	0.04395	24	Pass
NVNT	ax40 SISO	5270	Ant6	15.84	0.03837	24	Pass
NVNT	ax40 SISO	5310	Ant6	15.52	0.03565	24	Pass
NVNT	ax40 SISO	5510	Ant6	15.44	0.03499	24	Pass
NVNT	ax40 SISO	5550	Ant6	15.47	0.03524	24	Pass
NVNT	ax40 SISO	5710	Ant6	15.16	0.03281	24	Pass
NVNT	ax40 SISO	5755	Ant6	15.22	0.03327	30	Pass
NVNT	ax40 SISO	5795	Ant6	15.27	0.03365	30	Pass
NVNT	ax40 SISO	5190	Ant9	16.37	0.04335	24	Pass
NVNT	ax40 SISO	5230	Ant9	15.96	0.03945	24	Pass
NVNT	ax40 SISO	5270	Ant9	16.47	0.04436	24	Pass
NVNT	ax40 SISO	5310	Ant9	16.42	0.04385	24	Pass
NVNT	ax40 SISO	5510	Ant9	16.25	0.04217	24	Pass
NVNT	ax40 SISO	5550	Ant9	15.91	0.03899	24	Pass
NVNT	ax40 SISO	5710	Ant9	14.49	0.02812	24	Pass
NVNT	ax40 SISO	5755	Ant9	15.11	0.03243	30	Pass

NVNT	ax40 SISO	5795	Ant9	14.97	0.03141	30	Pass
NVNT	ax40 MIMO	5190	Ant6	16.06	0.04036	24	Pass
NVNT	ax40 MIMO	5190	Ant9	15.86	0.03855	24	Pass
NVNT	ax40 MIMO	5190	Sum	18.97	0.07891	24	Pass
NVNT	ax40 MIMO	5230	Ant6	15.65	0.03673	24	Pass
NVNT	ax40 MIMO	5230	Ant9	15.51	0.03556	24	Pass
NVNT	ax40 MIMO	5230	Sum	18.59	0.07229	24	Pass
NVNT	ax40 MIMO	5270	Ant6	15.52	0.03565	24	Pass
NVNT	ax40 MIMO	5270	Ant9	15.79	0.03793	24	Pass
NVNT	ax40 MIMO	5270	Sum	18.67	0.07358	24	Pass
NVNT	ax40 MIMO	5310	Ant6	14.93	0.03112	24	Pass
NVNT	ax40 MIMO	5310	Ant9	15.67	0.0369	24	Pass
NVNT	ax40 MIMO	5310	Sum	18.33	0.06801	24	Pass
NVNT	ax40 MIMO	5510	Ant6	15.23	0.03334	24	Pass
NVNT	ax40 MIMO	5510	Ant9	15.8	0.03802	24	Pass
NVNT	ax40 MIMO	5510	Sum	18.53	0.07136	24	Pass
NVNT	ax40 MIMO	5550	Ant6	15.23	0.03334	24	Pass
NVNT	ax40 MIMO	5550	Ant9	15.42	0.03483	24	Pass
NVNT	ax40 MIMO	5550	Sum	18.34	0.06818	24	Pass
NVNT	ax40 MIMO	5710	Ant6	14.61	0.02891	24	Pass

NVNT	ax40 MIMO	5710	Ant9	13.76	0.02377	24	Pass
NVNT	ax40 MIMO	5710	Sum	17.22	0.05268	24	Pass
NVNT	ax40 MIMO	5755	Ant6	14.87	0.03069	30	Pass
NVNT	ax40 MIMO	5755	Ant9	14.51	0.02825	30	Pass
NVNT	ax40 MIMO	5755	Sum	17.7	0.05894	30	Pass
NVNT	ax40 MIMO	5795	Ant6	14.97	0.03141	30	Pass
NVNT	ax40 MIMO	5795	Ant9	14.33	0.0271	30	Pass
NVNT	ax40 MIMO	5795	Sum	17.67	0.05851	30	Pass
NVNT	ax80 SISO	5210	Ant6	15.79	0.03793	24	Pass
NVNT	ax80 SISO	5290	Ant6	15.09	0.03228	24	Pass
NVNT	ax80 SISO	5530	Ant6	14.82	0.03034	24	Pass
NVNT	ax80 SISO	5610	Ant6	14.23	0.02649	24	Pass
NVNT	ax80 SISO	5690	Ant6	14.77	0.02999	24	Pass
NVNT	ax80 SISO	5775	Ant6	14.73	0.02972	30	Pass
NVNT	ax80 SISO	5210	Ant9	15.62	0.03648	24	Pass
NVNT	ax80 SISO	5290	Ant9	15.69	0.03707	24	Pass
NVNT	ax80 SISO	5530	Ant9	15.55	0.03589	24	Pass
NVNT	ax80 SISO	5610	Ant9	14.69	0.02944	24	Pass
NVNT	ax80 SISO	5690	Ant9	14.71	0.02958	24	Pass
NVNT	ax80 SISO	5775	Ant9	14.25	0.02661	30	Pass
NVNT	ax80 MIMO	5210	Ant6	15.57	0.03606	24	Pass
NVNT	ax80 MIMO	5210	Ant9	14.85	0.03055	24	Pass
NVNT	ax80 MIMO	5210	Sum	18.24	0.06661	24	Pass
NVNT	ax80 MIMO	5290	Ant6	14.9	0.0309	24	Pass
NVNT	ax80 MIMO	5290	Ant9	15.35	0.03428	24	Pass
NVNT	ax80	5290	Sum	18.14	0.06518	24	Pass

	MIMO						
NVNT	ax80 MIMO	5530	Ant6	14.05	0.02541	24	Pass
NVNT	ax80 MIMO	5530	Ant9	14.24	0.02655	24	Pass
NVNT	ax80 MIMO	5530	Sum	17.16	0.05196	24	Pass
NVNT	ax80 MIMO	5610	Ant6	14.1	0.0257	24	Pass
NVNT	ax80 MIMO	5610	Ant9	13.89	0.02449	24	Pass
NVNT	ax80 MIMO	5610	Sum	17.01	0.05019	24	Pass
NVNT	ax80 MIMO	5690	Ant6	14.41	0.02761	24	Pass
NVNT	ax80 MIMO	5690	Ant9	13.9	0.02455	24	Pass
NVNT	ax80 MIMO	5690	Sum	17.17	0.05215	24	Pass
NVNT	ax80 MIMO	5775	Ant6	14.49	0.02812	30	Pass
NVNT	ax80 MIMO	5775	Ant9	13.67	0.02328	30	Pass
NVNT	ax80 MIMO	5775	Sum	17.11	0.0514	30	Pass
NVNT	ax20 26@1 SISO	5180	Ant6	13.94	0.02477	24	Pass
NVNT	ax20 26@1 SISO	5220	Ant6	13.98	0.025	24	Pass
NVNT	ax20 26@1 SISO	5240	Ant6	13.81	0.02404	24	Pass
NVNT	ax20 26@1 SISO	5260	Ant6	13.74	0.02366	24	Pass
NVNT	ax20 26@1 SISO	5300	Ant6	13.22	0.02099	24	Pass
NVNT	ax20 26@1 SISO	5320	Ant6	12.94	0.01968	24	Pass
NVNT	ax20 26@1 SISO	5500	Ant6	13.23	0.02104	24	Pass

NVNT	ax20 26@1 SISO	5580	Ant6	12.56	0.01803	24	Pass
NVNT	ax20 26@1 SISO	5720	Ant6	12.54	0.01795	23.67	Pass
NVNT	ax20 26@1 SISO	5745	Ant6	12.84	0.01923	30	Pass
NVNT	ax20 26@1 SISO	5785	Ant6	12.77	0.01892	30	Pass
NVNT	ax20 26@1 SISO	5825	Ant6	13.45	0.02213	30	Pass
NVNT	ax20 26@1 SISO	5180	Ant9	13.47	0.02223	24	Pass
NVNT	ax20 26@1 SISO	5220	Ant9	12.6	0.0182	24	Pass
NVNT	ax20 26@1 SISO	5240	Ant9	12.42	0.01746	24	Pass
NVNT	ax20 26@1 SISO	5260	Ant9	12.96	0.01977	23.66	Pass
NVNT	ax20 26@1 SISO	5300	Ant9	13.45	0.02213	24	Pass
NVNT	ax20 26@1 SISO	5320	Ant9	13.22	0.02099	23.27	Pass
NVNT	ax20 26@1 SISO	5500	Ant9	13.05	0.02018	24	Pass
NVNT	ax20 26@1 SISO	5580	Ant9	12.22	0.01667	24	Pass
NVNT	ax20 26@1 SISO	5720	Ant9	11.25	0.01334	23.87	Pass
NVNT	ax20 26@1 SISO	5745	Ant9	12.04	0.016	30	Pass
NVNT	ax20 26@1 SISO	5785	Ant9	11.63	0.01455	30	Pass
NVNT	ax20 26@1 SISO	5825	Ant9	11.22	0.01324	30	Pass
NVNT	ax20 26@1 MIMO	5180	Ant6	11.89	0.01545	24	Pass
NVNT	ax20 26@1 MIMO	5180	Ant9	11.7	0.01479	24	Pass
NVNT	ax20 26@1	5180	Sum	14.81	0.03024	24	Pass

	MIMO						
NVNT	ax20 26@1 MIMO	5220	Ant6	11.72	0.01486	24	Pass
NVNT	ax20 26@1 MIMO	5220	Ant9	11.35	0.01365	24	Pass
NVNT	ax20 26@1 MIMO	5220	Sum	14.55	0.02851	24	Pass
NVNT	ax20 26@1 MIMO	5240	Ant6	11.55	0.01429	24	Pass
NVNT	ax20 26@1 MIMO	5240	Ant9	11.23	0.01327	24	Pass
NVNT	ax20 26@1 MIMO	5240	Sum	14.4	0.02756	24	Pass
NVNT	ax20 26@1 MIMO	5260	Ant6	11.84	0.01528	24	Pass
NVNT	ax20 26@1 MIMO	5260	Ant9	11.63	0.01455	24	Pass
NVNT	ax20 26@1 MIMO	5260	Sum	14.75	0.02983	24	Pass
NVNT	ax20 26@1 MIMO	5300	Ant6	11.43	0.0139	23.96	Pass
NVNT	ax20 26@1 MIMO	5300	Ant9	11.88	0.01542	23.96	Pass
NVNT	ax20 26@1 MIMO	5300	Sum	14.67	0.02932	23.96	Pass
NVNT	ax20 26@1 MIMO	5320	Ant6	11.05	0.01274	24	Pass
NVNT	ax20 26@1 MIMO	5320	Ant9	11.88	0.01542	24	Pass
NVNT	ax20 26@1 MIMO	5320	Sum	14.49	0.02815	24	Pass
NVNT	ax20 26@1 MIMO	5500	Ant6	11.33	0.01358	24	Pass
NVNT	ax20 26@1 MIMO	5500	Ant9	11.77	0.01503	24	Pass
NVNT	ax20 26@1 MIMO	5500	Sum	14.57	0.02861	24	Pass
NVNT	ax20 26@1 MIMO	5580	Ant6	10.55	0.01135	24	Pass

NVNT	ax20 26@1 MIMO	5580	Ant9	10.52	0.01127	24	Pass
NVNT	ax20 26@1 MIMO	5580	Sum	13.54	0.02262	24	Pass
NVNT	ax20 26@1 MIMO	5720	Ant6	10.3	0.01072	24	Pass
NVNT	ax20 26@1 MIMO	5720	Ant9	9.83	0.00962	24	Pass
NVNT	ax20 26@1 MIMO	5720	Sum	13.08	0.02033	24	Pass
NVNT	ax20 26@1 MIMO	5745	Ant6	10.7	0.01175	30	Pass
NVNT	ax20 26@1 MIMO	5745	Ant9	10.18	0.01042	30	Pass
NVNT	ax20 26@1 MIMO	5745	Sum	13.46	0.02217	30	Pass
NVNT	ax20 26@1 MIMO	5785	Ant6	10.83	0.01211	30	Pass
NVNT	ax20 26@1 MIMO	5785	Ant9	10.04	0.01009	30	Pass
NVNT	ax20 26@1 MIMO	5785	Sum	13.46	0.0222	30	Pass
NVNT	ax20 26@1 MIMO	5825	Ant6	11.56	0.01432	30	Pass
NVNT	ax20 26@1 MIMO	5825	Ant9	9.75	0.00944	30	Pass
NVNT	ax20 26@1 MIMO	5825	Sum	13.76	0.02376	30	Pass
NVNT	ax20 52@1 SISO	5180	Ant6	16.93	0.04932	24	Pass
NVNT	ax20 52@1 SISO	5220	Ant6	16.76	0.04742	24	Pass
NVNT	ax20 52@1 SISO	5240	Ant6	16.5	0.04467	24	Pass
NVNT	ax20 52@1 SISO	5260	Ant6	16.45	0.04416	24	Pass
NVNT	ax20 52@1 SISO	5300	Ant6	16.1	0.04074	24	Pass
NVNT	ax20 52@1	5320	Ant6	15.73	0.03741	24	Pass

	SISO						
NVNT	ax20 52@1 SISO	5500	Ant6	16.07	0.04046	24	Pass
NVNT	ax20 52@1 SISO	5580	Ant6	15.37	0.03443	24	Pass
NVNT	ax20 52@1 SISO	5720	Ant6	15.23	0.03334	24	Pass
NVNT	ax20 52@1 SISO	5745	Ant6	15.58	0.03614	30	Pass
NVNT	ax20 52@1 SISO	5785	Ant6	15.49	0.0354	30	Pass
NVNT	ax20 52@1 SISO	5825	Ant6	16.19	0.04159	30	Pass
NVNT	ax20 52@1 SISO	5180	Ant9	15.72	0.03733	24	Pass
NVNT	ax20 52@1 SISO	5220	Ant9	15.3	0.03388	24	Pass
NVNT	ax20 52@1 SISO	5240	Ant9	15.09	0.03228	24	Pass
NVNT	ax20 52@1 SISO	5260	Ant9	15.47	0.03524	24	Pass
NVNT	ax20 52@1 SISO	5300	Ant9	15.64	0.03664	23.62	Pass
NVNT	ax20 52@1 SISO	5320	Ant9	15.79	0.03793	24	Pass
NVNT	ax20 52@1 SISO	5500	Ant9	15.5	0.03548	24	Pass
NVNT	ax20 52@1 SISO	5580	Ant9	14.47	0.02799	24	Pass
NVNT	ax20 52@1 SISO	5720	Ant9	13.17	0.02075	24	Pass
NVNT	ax20 52@1 SISO	5745	Ant9	14.16	0.02606	30	Pass
NVNT	ax20 52@1 SISO	5785	Ant9	13.89	0.02449	30	Pass
NVNT	ax20 52@1 SISO	5825	Ant9	13.75	0.02371	30	Pass
NVNT	ax20 52@1 MIMO	5180	Ant6	14.12	0.02582	24	Pass

NVNT	ax20 52@1 MIMO	5180	Ant9	13.83	0.02415	24	Pass
NVNT	ax20 52@1 MIMO	5180	Sum	16.99	0.04998	24	Pass
NVNT	ax20 52@1 MIMO	5220	Ant6	14.18	0.02618	24	Pass
NVNT	ax20 52@1 MIMO	5220	Ant9	13.69	0.02339	24	Pass
NVNT	ax20 52@1 MIMO	5220	Sum	16.95	0.04957	24	Pass
NVNT	ax20 52@1 MIMO	5240	Ant6	13.93	0.02472	24	Pass
NVNT	ax20 52@1 MIMO	5240	Ant9	13.42	0.02198	24	Pass
NVNT	ax20 52@1 MIMO	5240	Sum	16.69	0.0467	24	Pass
NVNT	ax20 52@1 MIMO	5260	Ant6	13.92	0.02466	23.93	Pass
NVNT	ax20 52@1 MIMO	5260	Ant9	13.85	0.02427	23.93	Pass
NVNT	ax20 52@1 MIMO	5260	Sum	16.9	0.04893	23.93	Pass
NVNT	ax20 52@1 MIMO	5300	Ant6	13.21	0.02094	24	Pass
NVNT	ax20 52@1 MIMO	5300	Ant9	13.91	0.0246	24	Pass
NVNT	ax20 52@1 MIMO	5300	Sum	16.58	0.04554	24	Pass
NVNT	ax20 52@1 MIMO	5320	Ant6	13.37	0.02173	24	Pass
NVNT	ax20 52@1 MIMO	5320	Ant9	14.2	0.0263	24	Pass
NVNT	ax20 52@1 MIMO	5320	Sum	16.82	0.04803	24	Pass
NVNT	ax20 52@1 MIMO	5500	Ant6	13.55	0.02265	24	Pass
NVNT	ax20 52@1 MIMO	5500	Ant9	13.89	0.02449	24	Pass
NVNT	ax20 52@1	5500	Sum	16.73	0.04714	24	Pass

	MIMO						
NVNT	ax20 52@1 MIMO	5580	Ant6	12.72	0.01871	24	Pass
NVNT	ax20 52@1 MIMO	5580	Ant9	12.92	0.01959	24	Pass
NVNT	ax20 52@1 MIMO	5580	Sum	15.83	0.0383	24	Pass
NVNT	ax20 52@1 MIMO	5720	Ant6	12.57	0.01807	24	Pass
NVNT	ax20 52@1 MIMO	5720	Ant9	12.02	0.01592	24	Pass
NVNT	ax20 52@1 MIMO	5720	Sum	15.31	0.03399	24	Pass
NVNT	ax20 52@1 MIMO	5745	Ant6	13.12	0.02051	30	Pass
NVNT	ax20 52@1 MIMO	5745	Ant9	12.59	0.01816	30	Pass
NVNT	ax20 52@1 MIMO	5745	Sum	15.87	0.03867	30	Pass
NVNT	ax20 52@1 MIMO	5785	Ant6	12.8	0.01905	30	Pass
NVNT	ax20 52@1 MIMO	5785	Ant9	12.33	0.0171	30	Pass
NVNT	ax20 52@1 MIMO	5785	Sum	15.58	0.03615	30	Pass
NVNT	ax20 52@1 MIMO	5825	Ant6	13.67	0.02328	30	Pass
NVNT	ax20 52@1 MIMO	5825	Ant9	12.17	0.01648	30	Pass
NVNT	ax20 52@1 MIMO	5825	Sum	15.99	0.03976	30	Pass
NVNT	ax20 106@1 SISO	5180	Ant6	16.1	0.04074	24	Pass
NVNT	ax20 106@1 SISO	5220	Ant6	16.02	0.03999	24	Pass
NVNT	ax20 106@1	5240	Ant6	15.84	0.03837	24	Pass

	SISO						
NVNT	ax20 106@1 SISO	5260	Ant6	15.7	0.03715	24	Pass
NVNT	ax20 106@1 SISO	5300	Ant6	15.28	0.03373	24	Pass
NVNT	ax20 106@1 SISO	5320	Ant6	15.03	0.03184	24	Pass
NVNT	ax20 106@1 SISO	5500	Ant6	15.35	0.03428	24	Pass
NVNT	ax20 106@1 SISO	5580	Ant6	14.61	0.02891	24	Pass
NVNT	ax20 106@1 SISO	5720	Ant6	14.53	0.02838	24	Pass
NVNT	ax20 106@1 SISO	5745	Ant6	14.95	0.03126	30	Pass
NVNT	ax20 106@1 SISO	5785	Ant6	15	0.03162	30	Pass
NVNT	ax20 106@1 SISO	5825	Ant6	15.54	0.03581	30	Pass
NVNT	ax20 106@1 SISO	5180	Ant9	14.98	0.03148	24	Pass
NVNT	ax20 106@1 SISO	5220	Ant9	14.65	0.02917	24	Pass
NVNT	ax20 106@1 SISO	5240	Ant9	14.53	0.02838	24	Pass
NVNT	ax20 106@1	5260	Ant9	15.12	0.03251	24	Pass

	SISO						
NVNT	ax20 106@1 SISO	5300	Ant9	14.8	0.0302	24	Pass
NVNT	ax20 106@1 SISO	5320	Ant9	15.03	0.03184	24	Pass
NVNT	ax20 106@1 SISO	5500	Ant9	14.76	0.02992	24	Pass
NVNT	ax20 106@1 SISO	5580	Ant9	13.6	0.02291	24	Pass
NVNT	ax20 106@1 SISO	5720	Ant9	12.65	0.01841	24	Pass
NVNT	ax20 106@1 SISO	5745	Ant9	13.41	0.02193	30	Pass
NVNT	ax20 106@1 SISO	5785	Ant9	13.19	0.02084	30	Pass
NVNT	ax20 106@1 SISO	5825	Ant9	12.76	0.01888	30	Pass
NVNT	ax20 106@1 MIMO	5180	Ant6	15.07	0.03214	24	Pass
NVNT	ax20 106@1 MIMO	5180	Ant9	14.87	0.03069	24	Pass
NVNT	ax20 106@1 MIMO	5180	Sum	17.98	0.06283	24	Pass
NVNT	ax20 106@1 MIMO	5220	Ant6	15.08	0.03221	24	Pass
NVNT	ax20 106@1	5220	Ant9	14.76	0.02992	24	Pass

	MIMO						
NVNT	ax20 106@1 MIMO	5220	Sum	17.93	0.06213	24	Pass
NVNT	ax20 106@1 MIMO	5240	Ant6	14.91	0.03097	24	Pass
NVNT	ax20 106@1 MIMO	5240	Ant9	14.43	0.02773	24	Pass
NVNT	ax20 106@1 MIMO	5240	Sum	17.69	0.05871	24	Pass
NVNT	ax20 106@1 MIMO	5260	Ant6	14.91	0.03097	24	Pass
NVNT	ax20 106@1 MIMO	5260	Ant9	14.96	0.03133	24	Pass
NVNT	ax20 106@1 MIMO	5260	Sum	17.95	0.06231	24	Pass
NVNT	ax20 106@1 MIMO	5300	Ant6	14.27	0.02673	24	Pass
NVNT	ax20 106@1 MIMO	5300	Ant9	15.07	0.03214	24	Pass
NVNT	ax20 106@1 MIMO	5300	Sum	17.7	0.05887	24	Pass
NVNT	ax20 106@1 MIMO	5320	Ant6	13.94	0.02477	24	Pass
NVNT	ax20 106@1 MIMO	5320	Ant9	15.17	0.03289	24	Pass
NVNT	ax20 106@1	5320	Sum	17.61	0.05766	24	Pass

	MIMO						
NVNT	ax20 106@1 MIMO	5500	Ant6	14.15	0.026	24	Pass
NVNT	ax20 106@1 MIMO	5500	Ant9	14.93	0.03112	24	Pass
NVNT	ax20 106@1 MIMO	5500	Sum	17.57	0.05712	24	Pass
NVNT	ax20 106@1 MIMO	5580	Ant6	13.57	0.02275	24	Pass
NVNT	ax20 106@1 MIMO	5580	Ant9	13.78	0.02388	24	Pass
NVNT	ax20 106@1 MIMO	5580	Sum	16.69	0.04663	24	Pass
NVNT	ax20 106@1 MIMO	5720	Ant6	13.7	0.02344	24	Pass
NVNT	ax20 106@1 MIMO	5720	Ant9	13.08	0.02032	24	Pass
NVNT	ax20 106@1 MIMO	5720	Sum	16.41	0.04377	24	Pass
NVNT	ax20 106@1 MIMO	5745	Ant6	14.27	0.02673	30	Pass
NVNT	ax20 106@1 MIMO	5745	Ant9	13.65	0.02317	30	Pass
NVNT	ax20 106@1 MIMO	5745	Sum	16.98	0.0499	30	Pass
NVNT	ax20 106@1	5785	Ant6	14.04	0.02535	30	Pass

	MIMO						
NVNT	ax20 106@1 MIMO	5785	Ant9	13.37	0.02173	30	Pass
NVNT	ax20 106@1 MIMO	5785	Sum	16.73	0.04708	30	Pass
NVNT	ax20 106@1 MIMO	5825	Ant6	14.16	0.02606	30	Pass
NVNT	ax20 106@1 MIMO	5825	Ant9	12.91	0.01954	30	Pass
NVNT	ax20 106@1 MIMO	5825	Sum	16.59	0.0456	30	Pass
NVNT	ax40 26@1 SISO	5190	Ant6	13.94	0.02477	24	Pass
NVNT	ax40 26@1 SISO	5190	Ant9	13.69	0.02339	24	Pass
NVNT	ax40 26@1 MIMO	5190	Ant6	12.16	0.01644	24	Pass
NVNT	ax40 26@1 MIMO	5190	Ant9	10.48	0.01117	24	Pass
NVNT	ax40 26@1 MIMO	5190	Sum	14.41	0.02761	24	Pass
NVNT	ax40 52@1 SISO	5190	Ant6	15.71	0.03724	24	Pass
NVNT	ax40 52@1 SISO	5190	Ant9	14.7	0.02951	24	Pass
NVNT	ax40 52@1 MIMO	5190	Ant6	14.88	0.03076	24	Pass
NVNT	ax40 52@1 MIMO	5190	Ant9	13.28	0.02128	24	Pass
NVNT	ax40 52@1 MIMO	5190	Sum	17.16	0.05204	24	Pass
NVNT	ax40 106@1 SISO	5190	Ant6	15.08	0.03221	24	Pass

NVNT	ax40 106@1 SISO	5190	Ant9	14.67	0.02931	24	Pass
NVNT	ax40 106@1 MIMO	5190	Ant6	15.85	0.03846	24	Pass
NVNT	ax40 106@1 MIMO	5190	Ant9	14.69	0.02944	24	Pass
NVNT	ax40 106@1 MIMO	5190	Sum	18.32	0.0679	24	Pass
NVNT	ax40 242@1 SISO	5190	Ant6	14.64	0.02911	24	Pass
NVNT	ax40 242@1 SISO	5190	Ant9	14.5	0.02818	24	Pass
NVNT	ax40 242@1 MIMO	5190	Ant6	15.24	0.03342	24	Pass
NVNT	ax40 242@1 MIMO	5190	Ant9	14.55	0.02851	24	Pass
NVNT	ax40 242@1 MIMO	5190	Sum	17.92	0.06193	24	Pass
NVNT	ax80 26@1 SISO	5210	Ant6	14.33	0.0271	24	Pass
NVNT	ax80 26@1 SISO	5210	Ant9	13.24	0.02109	24	Pass
NVNT	ax80 26@1 MIMO	5210	Ant6	11.55	0.01429	24	Pass
NVNT	ax80 26@1 MIMO	5210	Ant9	10.49	0.01119	24	Pass
NVNT	ax80 26@1 MIMO	5210	Sum	14.06	0.02548	24	Pass
NVNT	ax80 52@1 SISO	5210	Ant6	15.4	0.03467	24	Pass

NVNT	ax80 52@1 SISO	5210	Ant9	14.51	0.02825	24	Pass
NVNT	ax80 52@1 MIMO	5210	Ant6	14.47	0.02799	24	Pass
NVNT	ax80 52@1 MIMO	5210	Ant9	13.21	0.02094	24	Pass
NVNT	ax80 52@1 MIMO	5210	Sum	16.9	0.04893	24	Pass
NVNT	ax80 106@1 SISO	5210	Ant6	15.15	0.03273	24	Pass
NVNT	ax80 106@1 SISO	5210	Ant9	14.33	0.0271	24	Pass
NVNT	ax80 106@1 MIMO	5210	Ant6	15.63	0.03656	24	Pass
NVNT	ax80 106@1 MIMO	5210	Ant9	14.48	0.02805	24	Pass
NVNT	ax80 106@1 MIMO	5210	Sum	18.1	0.06461	24	Pass
NVNT	ax80 242@1 SISO	5210	Ant6	15.3	0.03388	24	Pass
NVNT	ax80 242@1 SISO	5210	Ant9	13.79	0.02393	24	Pass
NVNT	ax80 242@1 MIMO	5210	Ant6	15.49	0.0354	24	Pass
NVNT	ax80 242@1 MIMO	5210	Ant9	14.17	0.02612	24	Pass
NVNT	ax80 242@1 MIMO	5210	Sum	17.89	0.06152	24	Pass
NVNT	ax80	5210	Ant6	15.08	0.03221	24	Pass

	484@1 SISO						
NVNT	ax80 484@1 SISO	5210	Ant9	13.83	0.02415	24	Pass
NVNT	ax80 484@1 MIMO	5210	Ant6	15.29	0.03381	24	Pass
NVNT	ax80 484@1 MIMO	5210	Ant9	13.9	0.02455	24	Pass
NVNT	ax80 484@1 MIMO	5210	Sum	17.66	0.05835	24	Pass

A.3. Emission Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)
NVNT	a SISO	5180	Ant6	29.77
NVNT	a SISO	5220	Ant6	23.3
NVNT	a SISO	5240	Ant6	23.24
NVNT	a SISO	5260	Ant6	23.02
NVNT	a SISO	5300	Ant6	29.35
NVNT	a SISO	5320	Ant6	29.23
NVNT	a SISO	5500	Ant6	29.25
NVNT	a SISO	5580	Ant6	25.46
NVNT	a SISO	5720	Ant6	24.15
NVNT	a SISO	5180	Ant9	28.72
NVNT	a SISO	5220	Ant9	23.12
NVNT	a SISO	5240	Ant9	23.24
NVNT	a SISO	5260	Ant9	25.38
NVNT	a SISO	5300	Ant9	29.14
NVNT	a SISO	5320	Ant9	28.14
NVNT	a SISO	5500	Ant9	28.98
NVNT	a SISO	5580	Ant9	23.17
NVNT	a SISO	5720	Ant9	22.73
NVNT	n20 SISO	5180	Ant6	29.77
NVNT	n20 SISO	5220	Ant6	26.23
NVNT	n20 SISO	5240	Ant6	27.91
NVNT	n20 SISO	5260	Ant6	27.5
NVNT	n20 SISO	5300	Ant6	29.79
NVNT	n20 SISO	5320	Ant6	29.76
NVNT	n20 SISO	5500	Ant6	29.8
NVNT	n20 SISO	5580	Ant6	27.21
NVNT	n20 SISO	5720	Ant6	28.14
NVNT	n20 SISO	5180	Ant9	29.61
NVNT	n20 SISO	5220	Ant9	25.28
NVNT	n20 SISO	5240	Ant9	25.39
NVNT	n20 SISO	5260	Ant9	25.37
NVNT	n20 SISO	5300	Ant9	29.96
NVNT	n20 SISO	5320	Ant9	29.55
NVNT	n20 SISO	5500	Ant9	29.46
NVNT	n20 SISO	5580	Ant9	25.74
NVNT	n20 SISO	5720	Ant9	23.87