TEST REPORT

Applicant:	NETPRISMA INC.
EUT Description:	Multi-mode Smart LTE Module with Wi-Fi & Bluetooth
Model Tested:	SUS600-LD
Model Covered:	SUS609-LD
Brand:	Vrileg
FCC ID:	2BEY3SUS600LDA
Standards:	FCC 47 CFR Part 15 Subpart E
Date of Receipt:	2025/03/06
Date of Test:	2025/03/06 to 2025/04/14
Date of Issue:	2025/04/16

TOWE. Tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of the model are manufactured with identical electrical and mechanical components. All sample tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. Without written approval of TOWE, the test report shall not be reproduced except in full.

ACCREDITED
CERTIFICATE #7088.01

Huang Kun
Approved By:

Chen Chengfu
Reviewed By:

Revision History

Rev.	Issue Date	Description	Revised by
01	2025/04/16	Original	Chen Chengfu

Product Differentiation Statement

SUS600-LD and SUS609-LD both use Qualcomm QCM6125 chipset and share the same HW design, they just have different OS and use different EMCP as following:

Designator	SUS600-LD (Part Description)	SUS609-LD (Part Description)
System	Android	Linux
U0901(EMCP)	BWCA2KZC-64G	NE6F8FKAPAXAI-KF

Above changes won't impact the protocol and RF performance.

So, only the test data for Model No.(SUS600-LD) was presented in the report.

Summary of Test Results

Clause	FCC Part	Test Items	Test Bands	Result
4.1	§15.203	Antenna Requirement	---	PASS
4.2	§15.407(g)	Frequency Stability	---	---
4.3	§15.207	AC Power Line Conducted Emission	Section 2.2	N/A
4.4	§15.407(a)(1)(iv) §15.407(a)(2) §15.407(a)(3)(i)	Maximum Conducted Output Power	U-NII-1 U-NII-2A U-NII-2C U-NII-3	PASS
4.5	§KDB 789033 II.C.1	Emission Bandwidth	U-NII-1 U-NII-2A U-NII-2C	Reporting purposes only
4.6	§15.407(e)	Minimum Emission Bandwidth	U-NII-3	PASS
4.7	§KDB 789033 II.D	Occupied Bandwidth	U-NII-1 U-NII-2A U-NII-2C U-NII-3	Reporting purposes only
4.8	§5.407(a)(1)(iv) §15.407(a)(2) §15.407(a)(3)(i)	Maximum Power Spectral Density	U-NII-1 U-NII-2A U-NII-2C U-NII-3	PASS
4.9	§15.407(b) §15.209(d)	Unwanted Emissions	U-NII-1 U-NII-2A U-NII-2C U-NII-3	PASS

Test Method: ANSI C63.10:2020, KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Remark:
1. Pass is EUT meets standard requirements.
2. The EUT is DC power supply, “N/A” denotes “not applicable”.

Table of Contents

1 General Description

1.1 Lab Information

1.1.1 Testing Location

These measurements tests were conducted at the Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. Facility located at F401 and F101, Building E, Hongwei Industrial Zone, Liuxian 3rd Road, Bao'an District, Shenzhen, China. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014
Tel.: +86-755-27212361
Contact Email: info@towewireless.com

1.1.2 Test Facility / Accreditations

A2LA (Certificate Number: 7088.01)
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

FCC Designation No.: CN1353
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. Has been recognized as an accredited testing laboratory. Designation Number: CN1353.

ISED CAB identifier: CN0152
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. Has been recognized by ISED as an accredited testing laboratory.
CAB identifier: CN0152
Company Number: 31000

1.2 Client Information

1.2.1 Applicant

Applicant:	NETPRISMA INC.
Address:	1301 6TH AVE, SEATTLE, WA, 98101-2304, UNITED STATES

1.2.2 Manufacturer

Manufacturer:	NETPRISMA INC.
Address:	1301 6TH AVE, SEATTLE, WA, 98101-2304, UNITED STATES

1.3 Product Information

EUT Description:	Multi-mode Smart LTE Module with Wi-Fi & Bluetooth			
Model Tested:	SUS600-LD			
Model Covered:	SUS609-LD			
Brand:	Vrileg			
Hardware Version:	R1.0			
Software Version:	SUS600LDNA0201 SUS609LDNA6001			
SN:	RF Conducted	P1C24EQ0D000099		
	RSE	D1C25AM1T000064 P1C24EQ0D000020		
Modulation Type:	802.11a&n:	OFDM-BPSK, QPSK, 16QAM, 64QAM		
	802.11ac:	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM		
Smart System:	☒SISO:	802.11a/n/ac	/	
	☐MIMO:	802.11n/ac	( )TX( )RX	
	☐CDD:	802.11a	( )TX( )RX	
EUT Function:	☒Client	☐Outdoor AP	☐Indoor AP	☐Fixed P2P AP
DFS Function:	☐Master ☐Slave with radar detection ☒Slave without radar detection			
Frequency Range:	U-NII-1:	5150 ~ 5250MHz		
	U-NII-2A:	5250 ~ 5350MHz		
	U-NII-2C:	5470 ~ 5725MHz		
	U-NII-3:	5725 ~ 5850MHz		
Channel Frequency:	20M BWch.:	U-NII-1:	5180 ~ 5240MHz	4 Channels
		U-NII-2A:	5260 ~ 5320MHz	4 Channels
		U-NII-2C:	5500 ~ 5700MHz	11 Channels
		U-NII-3:	5745 ~ 5825MHz	5 Channels
	40M BWch.:	U-NII-1:	5190 ~ 5230MHz	2 Channels
		U-NII-2A:	5270 ~ 5310MHz	2 Channels
		U-NII-2C:	5510 ~ 5670MHz	5 Channels
		U-NII-3:	5755 ~ 5795MHz	2 Channels
	80M BWch.:	U-NII-1:	5210MHz	1 Channel
		U-NII-2A:	5290MHz	1 Channel
		U-NII-2C:	5530 ~ 5610MHz	2 Channels
		U-NII-3:	5775MHz	1 Channel
Antenna Type:	☒ External, ☐ Integrated			
Antenna Gain:	Frequency Range	Ant0 (dBi)		
	U-NII-1:	-0.67		
	U-NII-2A:	-0.19		
	U-NII-2C:	1.28		
	U-NII-3:	1.1		

Remark: The above EUT's information was declared by applicant, please refer to the specifications or user's manual for more detailed description.

2 Test Configuration

2.1 Test Channel

Frequency Channels for U-NII-1							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
36	5180MHz	40	5200MHz	44	5220MHz	48	5240MHz
38	5190MHz	42	5210MHz	46	5230MHz	/	

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Modulation Type	**Test Channel**	**Test Frequency**
802.11a/n20 /ac20	The Lowest channel (CH36)	5180MHz
	The Middle channel (CH40)	5200MHz
	The Highest channel (CH48)	5240MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11n40 /ac40	The Lowest channel (CH38)	5190MHz
	The Highest channel (CH46)	5230MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11ac80	The Middle channel (CH42)	5210MHz

Frequency Channels for U-NII-2A							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
52	5260MHz	56	5280MHz	60	5300MHz	64	5320MHz
54	5270MHz	58	5290MHz	62	5310MHz	/	

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Modulation Type	**Test Channel**	**Test Frequency**
802.11a/n20 /ac20	The Lowest channel (CH52)	5260MHz
	The Middle channel (CH60)	5300MHz
	The Highest channel (CH64)	5320MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11n40 /ac40	The Lowest channel (CH54)	5270MHz
	The Highest channel (CH62)	5310MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11ac80	The Middle channel (CH58)	5290MHz

Frequency Channels for U-NII-2C							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
100	5500MHz	110	5550MHz	120	5600MHz	132	5660MHz
102	5510MHz	112	5560MHz	122	5610MHz	134	5670MHz
104	5520MHz	114	5570MHz	124	5620MHz	136	5680MHz
106	5530MHz	116	5580MHz	126	5630MHz	140	5700MHz
108	5540MHz	118	5590MHz	128	5640MHz	/	

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Modulation Type	**Test Channel**	**Test Frequency**
802.11a/n20 /ac20	The Lowest channel (CH100)	5500MHz
	The Middle channel (CH116)	5580MHz
	The Highest channel (CH140)	5700MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11n40 /ac40	The Lowest channel (CH102)	5510MHz
	The Middle channel (CH118)	5590MHz
	The Highest channel (CH134)	5670MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11ac80	The Lowest channel (CH106)	5530MHz
	The Highest channel (CH122)	5610MHz

Frequency Channels for U-NII-3							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
149	5745MHz	153	5765MHz	157	5785MHz	161	5805MHz
151	5755MHz	155	5775MHz	159	5795MHz	165	5825MHz

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Modulation Type	**Test Channel**	**Test Frequency**
802.11a/n20 /ac20	The Lowest channel (CH149)	5745MHz
	The Middle channel (CH157)	5785MHz
	The Highest channel (CH165)	5825MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11n40 /ac40	The Lowest channel (CH151)	5755MHz
	The Highest channel (CH159)	5795MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11ac80	The Middle channel (CH155)	5775MHz

2.2 Worst-case configuration and Mode

Modulation Type	SISO - Data Rate	MIMO - Data Rate
802.11a	6 Mbps	NA
802.11n20	MCS0 (6.5 Mbps)	NA
802.11n40	MCS0 (13.5 Mbps)	NA
802.11ac20	MCS0 (6.5 Mbps)	NA
802.11ac40	MCS0 (13.5 Mbps)	NA
802.11ac80	MCS0 (29.3 Mbps)	NA
Transmitting mode:	Keep the EUT was programmed to be in continuously transmitting mode.	
Normal Link:	Keep the EUT operation to normal function.	

2.3 Support Unit used in test

Description	Manufacturer	Model	Serial Number
Development Board	NETPRISMA INC.	SMART-EVB-G5	/
Development Board	NETPRISMA INC.	SUS600-LD-TE-A	/
Remark: all above the information of table are provided by client.			

2.4 Test Environment

Temperature:	Normal: 15℃ ~ 35℃
Humidity:	45-56 % RH Ambient
Voltage:	DC 3.8V (Module Input)
Remark: The testing environment is within the scope of the EUT user manual and meets the requirements of the standard testing environment.	

2.5 Test RF Cable

For all conducted test items: The offset level is set spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.

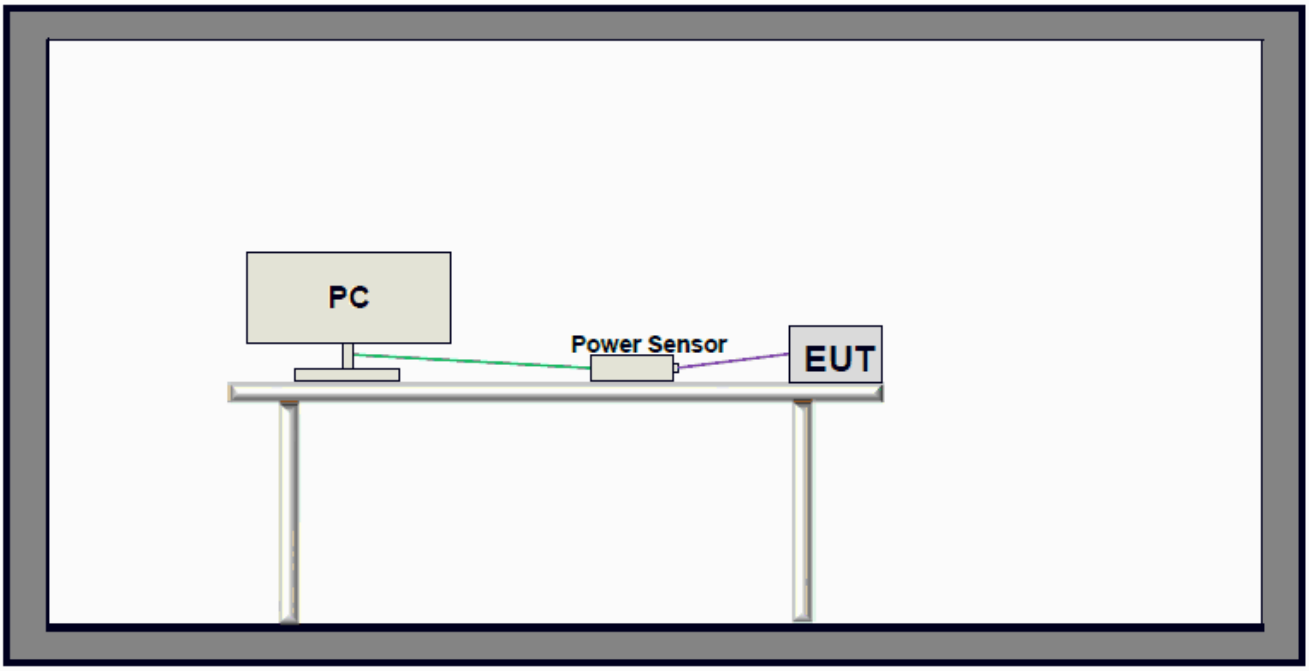
2.6 Modifications

No modifications were made during testing.

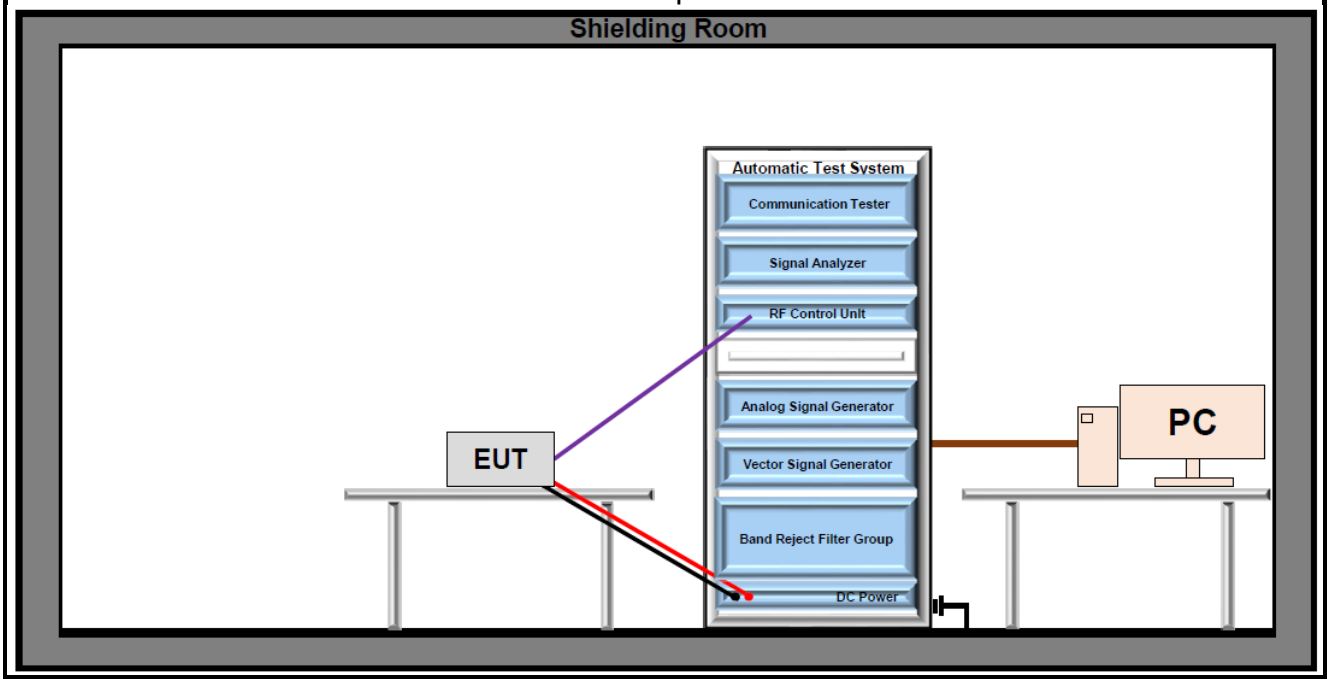
2.7 Test Setup Diagram

2.7.1 Conducted Configuration

Setup 1

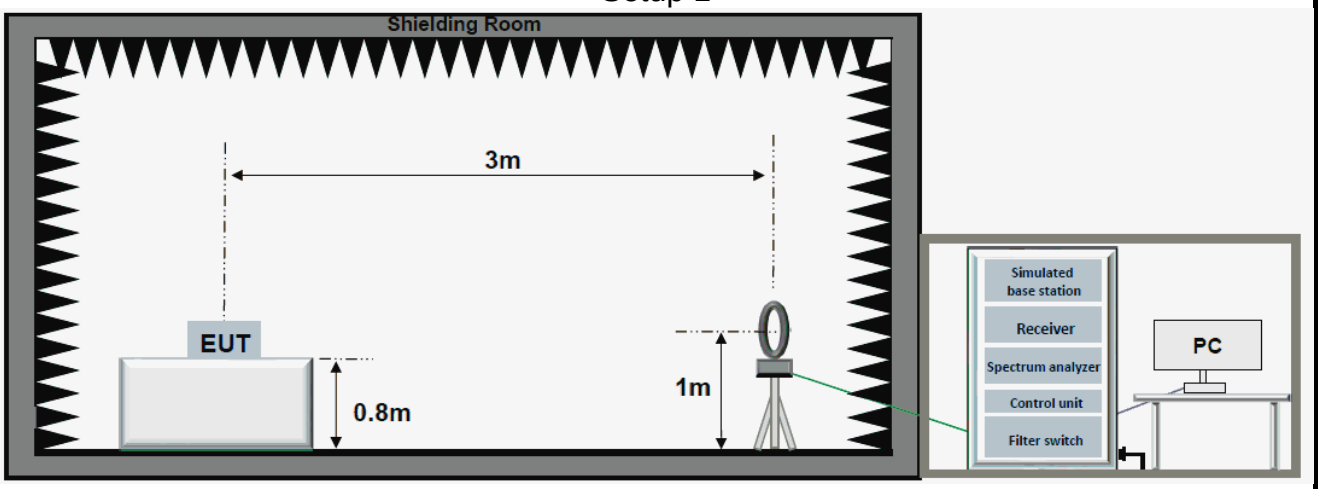


Setup 2

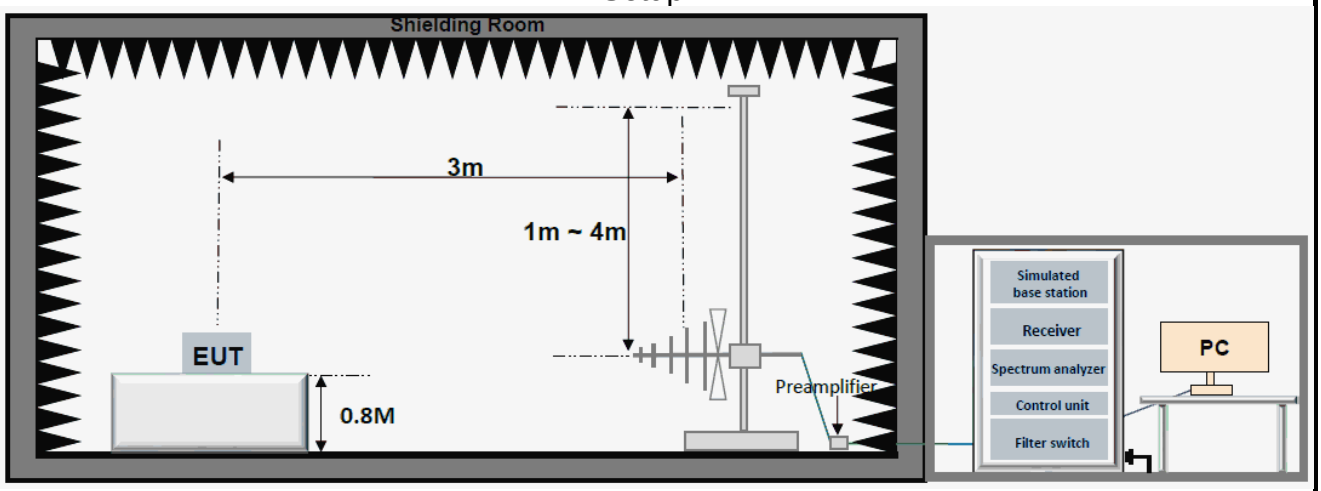


2.7.2 Radiated Configuration

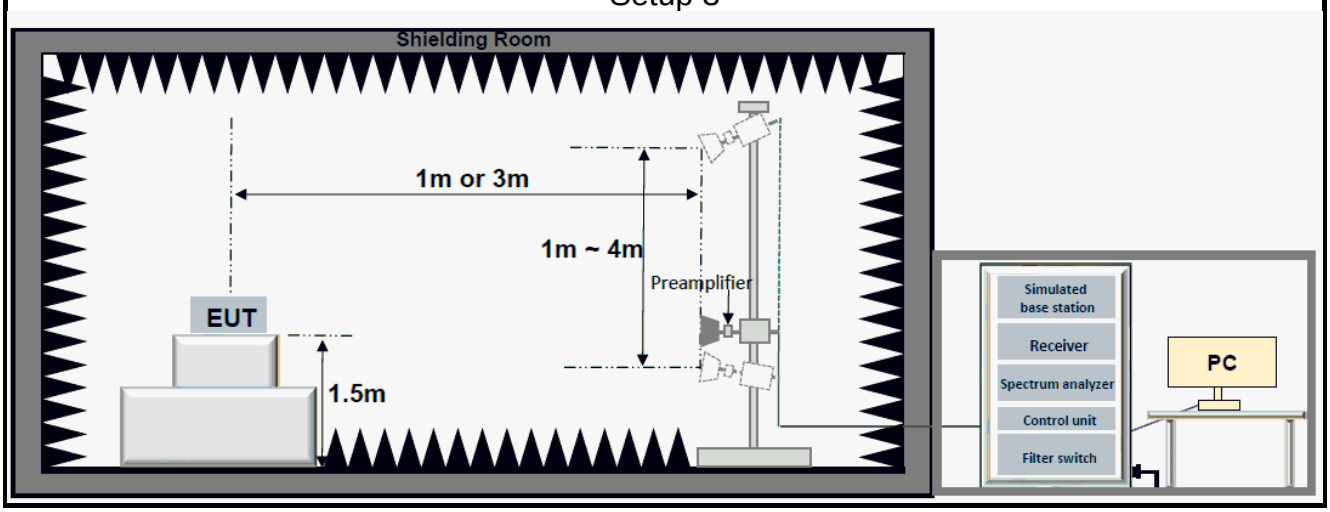
Setup 1



Setup 2



Setup 3



3 Equipment and Measurement Uncertainty

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, whichever is less, and where applicable is traceable to recognized national standards.

3.1 Test Equipment List

Description	Manufacturer	Model	S.N.	Last Due	Cal Due
Signal Analyzer	Keysight	N9020A	US46470429	2024/03/25	2025/03/24
				2025/03/14	2026/03/13
Power Sensor	Anritsu	MA24408A	12520	2024/05/30	2025/05/29
Measurement Software	Tonscend	TS1120-3	10659	N/A	N/A

Radiated Emission					
Description	**Manufacturer**	**Model**	**S.N.**	**Last Due**	**Cal Due**
Biconic Logarithmic Periodic Antennas	Schwarzbeck	VULB9163	1643	2023/06/25	2025/06/24
Double-Ridged Horn Antennas	Schwarzbeck	BBHA 9120D	2809	2023/06/25	2025/06/24
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	1290	2023/06/25	2025/06/24
Loop Antenna	Schwarzbeck	FMZB 1519C	1519C-028	2023/06/29	2025/06/28
Signal Analyzer	Keysight	N9020A	MY49100252	2024/03/25	2025/03/24
				2025/03/11	2026/03/10
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY63440541	2024/05/30	2025/05/29
Wideband Radio Communication Tester	R&S	CMW500	150645	2024/03/25	2025/03/24
				2025/03/11	2026/03/10
Low Noise Amplifier	Tonscend	TAP9K3G40	AP23A8060273	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Low Noise Amplifier	Tonscend	TAP01018050	AP22G806258	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Low Noise Amplifier	Tonscend	TAP18040048	AP22G806247	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Hygrometer	BINGYU	HTC-1	N/A	2023/06/01	2025/05/31
Test Software	Tonscend	TS+	Version: 5.0.0	N/A	N/A

3.2 Measurement Uncertainty

Parameter	U_{lab}
Frequency Error	679.98Hz
Output Power	0.76dB
Conducted Spurious Emissions	2.22dB
Radiated Emissions(9kHz~30MHz)	2.40dB
Radiated Emissions(30MHz~1000MHz)	4.66dB
Radiated Emissions(1GHz~18GHz)	5.42dB
Radiated Emissions(18GHz~40GHz)	5.46dB

Uncertainty figures are valid to a confidence level of 95%

4 Test Results

4.1 Antenna Requirement

Standard Applicable:	47 CFR Part 15C Section 15.203
15.203 requirement: 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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
The antenna gain and type as provided by the manufacturer are as follows: The antenna Type is External. With maximum gain is U-NII-1: -0.67dBi; U-NII-2A: -0.19dBi; U-NII-2C: 1.28dBi; U-NII-3: 1.1dBi; Antenna Anti-Replacement Construction: An embedded-in antenna design is used.	

4.2 Frequency Stability

Standard Applicable:	47 CFR Part 15C Section 15.407(g)
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.	

4.3 Maximum Conducted Output Power

Limits

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 250 mW provided the maximum antenna gain does not exceed 6 dBi.
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.
For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

Test Procedure

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.E.2.b (Other Channel)
KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.E.3.b(Straddle Channel)

Test Settings

1. PM-G:
   Set to the maximum power setting and enable the EUT transmit continuously.
   The power output was measured on the EUT antenna port using RF Cable with attenuator connected to a power meter via wideband power sensor. Peak output power was read directly from power meter.
   Measure and record the results in the test report.
2. SA:
   RBW = 1MHz
   VBW ≥ 3MHz
   Span = Encompass the EBW (or, alternatively, the entire 99% occupied bandwidth)
   Sweep = Auto
   Detector = power averaging (rms)

Test Setup

Refer to section 2.7.1 Setup 1 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

4.4 Emission Bandwidth

Limits

None, for reporting purposes only.

Test Procedure

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.C.1.

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. The transmitter output is connected to a spectrum analyzer:
3. RBW = 1% - 5%(99%BW)
4. VBW = 3 times the RBW
5. Sweep = Auto
6. Detector = Peak
7. Trace = Max hold
8. The trace was allowed to stabilize
9. Measure and record the results in the test report.

Test Notes

The signal analyzers' automatic bandwidth measurement capability of the spectrum analyzer was used to perform the 26dB bandwidth measurement. The "X" dB bandwidth parameter was set to X= 26. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.

Test Setup

Refer to section 2.7.1 Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

4.5 Minimum Emission Bandwidth

Limits

Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.C.2.

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. The transmitter output is connected to a spectrum analyzer:
3. RBW = 100kHz(DTS)
4. VBW = 3 times the RBW
5. Sweep = Auto
6. Detector = Peak
7. Trace = Max hold
8. The trace was allowed to stabilize
9. Measure and record the results in the test report.

Test Notes

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.

Test Setup

Refer to section 2.7.1- Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

4.6 Occupied Bandwidth

Limits

None, for reporting purposes only.

Test Procedure

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.D.

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. The transmitter output is connected to a spectrum analyzer:
3. RBW = 1% - 5%(99%BW)
4. VBW = 3 times the RBW
5. Sweep = Auto
6. Detector = Peak
7. Trace = Max hold
8. The trace was allowed to stabilize
9. Measure and record the results in the test report.

Test Setup

Refer to section 2.7.1- Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

4.7 Maximum Power Spectral Density

Limits

For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1-megahertz band.
For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1-megahertz band.
For the band 5.725-5.85 GHz, he maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

Test Procedure

KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.F

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously
2. The transmitter output is connected to a spectrum analyzer
3. RBW = 1MHz (for 5.15−5.25 GHz, 5.25−5.35 GHz, and 5.47−5.725 GHz)
4. RBW = 500kHz (for 5.725−5.85 GHz)
5. VBW ≥ 3 times RBW
6. Sweep = Auto
7. Detector = Peak
8. Trace = Max hold
9. The trace was allowed to stabilize
10. Measure and record the results in the test report.

Test Setup

Refer to section 2.7.1- Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

4.8 Unwanted Emissions

Limits

Spurious emissions are permitted in an of the frequency bands:

MHz	MHz	MHz	MHz	GHz	GHz
0.090 - 0.110	12.29 - 12.293	149.9 - 150.05	1660 - 1710	4.5 - 5.15	14.47 - 14.5
0.495 - 0.505	12.51975 - 1252025	156.52475 - 156.52525	1718.8 - 1722.2	5.35 - 5.46	15.35 - 16.2
2.1735 - 2.1905	12.5767 - 12.57725	156.7 - 156.9	2200 - 2300	7.25 - 7.75	17.7 - 21.4
4.125 - 128	13.36 - 13.41	162.0125 - 167.17	2310 - 2390	8.025 - 8.5	22.01 - 23.12
4.17725 - 4.17775	16.42 - 16.423	167.72 - 173.2	2483.5 - 2500	9.0 - 9.2	23.6 - 24.0
4.20725 - 4.20775	16.69475 - 16.69525	240 - 285	2655 - 2900	9.3 - 9.5	31.2 - 31.8
6.215 - 6.218	1680425 - 1680475	322 - 335.4	3260 - 3267	10.6 - 12.7	36.43 - 36.5
6.26775 - 6.26825	25.5 - 25.67	399.9 - 410	3332 - 3339	13.25 - 13.4	
6.31175 - 6.31225	37.5 - 38.25	608 - 614	3345.8 - 3358		
8.291 - 8.294	73 - 74.6	960 - 1240	3600 - 4400		
8.362 - 8.366	74.8 - 75.2	1300 - 1427			
8.37625 - 8.38675	108 - 121.94	1435 - 1626.5			
8.41425 - 8.41475	123 - 138	1645.5 - 1646.5			

Radiated disturbance of an intentional radiator:

Frequency	Field strength (μV/m)	Limit (dBμV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	74.0	Peak	3
		54.0	Average	

Un-restricted band emissions above 1GHz limit:
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 e.i.r.p. of −27 dBm/MHz.
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.
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.
For transmitters operating solely in the 5.725-5.850 GHz band:
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.

Test Procedure

ANSI C63.10:2020 Section 6.4 & 6.5 & 6.6.
KDB 789033 D02 General UNII Test Procedures New Rules v02r01 Section II.G.3 ~ 6.

Test Settings

1. For radiated emissions measurements performed at frequencies less than or equal to 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the reference ground plane.
2. For radiated emissions measurements performed at frequencies above 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the ground plane.
3. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1m to 4m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e, field strength or received power), when orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25cm.
4. For each suspected emission, the EUT was ranged its worst case and then tune the antenna tower(from 1~4m) and turntable(from 0~360°) find the maximum reading. Preamplifier and a high pass filter are used for the test in order get better signal level comply with the guidelines.
5. The simulated base station was set to force the EUT to its maximum transmitting power.
6. 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.
7. spectrum analyzer setting:
   Measurements Below 1000MHz: RBW = 120 kHz; VBW ≥ 300 kHz; Detector = Peak
   Measurements Above 1000MHz: RBW = 1 MHz; VBW ≥ 3 MHz; Detector = Peak
   Average Measurements Above 1000MHz:
   RBW = 1 MHz, VBW ≥ 1/T, with peak detector for average measurements.
8. The field strength is calculated by adding the Antenna Factor, Cable Factor. The basic equation with a sample calculation is as follows:
   Level = Reading(dBμV) + AF(dB/m) + Factor(dB):
   AF = Antenna Factor(dB/m)
   Factor = Cable Factor(dB) - Preamplifier gain(dB)
   Margin = Limit(dBμV/m) – Level(dBμV/m)
9. Repeat above procedures until all frequencies measured was complete.
10. Measure and record the results in the test report.

Test Notes

1. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
2. Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. the disturbance between 9kHz to 30MHz, 30MHz-1GHz and 18GHz to 40GHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be recorded, so only the harmonics had been displayed.
3. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

Test Setup

Refer to section 2.7.2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

5 Test Setup Photos

The detailed test data see: **Appendix-C BTWIFI Setup Photos**

Appendix

Emission Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant0	5180	23.920	5168.280	5192.200	---	---
11a	Ant0	5200	21.760	5189.320	5211.080	---	---
11a	Ant0	5240	23.320	5228.600	5251.920	---	---
11a	Ant0	5260	21.720	5248.960	5270.680	---	---
11a	Ant0	5300	21.760	5289.320	5311.080	---	---
11a	Ant0	5320	22.240	5309.360	5331.600	---	---
11a	Ant0	5500	22.520	5488.280	5510.800	---	---
11a	Ant0	5580	22.720	5568.960	5591.680	---	---
11a	Ant0	5700	23.440	5688.560	5712.000	---	---
11a	Ant0	5745	23.080	5733.640	5756.720	---	---
11a	Ant0	5785	22.840	5773.800	5796.640	---	---
11a	Ant0	5825	24.200	5813.160	5837.360	---	---
11n20SISO	Ant0	5180	22.280	5169.000	5191.280	---	---
11n20SISO	Ant0	5200	22.840	5188.880	5211.720	---	---
11n20SISO	Ant0	5240	22.800	5228.920	5251.720	---	---
11n20SISO	Ant0	5260	22.400	5248.960	5271.360	---	---
11n20SISO	Ant0	5300	22.960	5288.840	5311.800	---	---
11n20SISO	Ant0	5320	24.560	5308.280	5332.840	---	---
11n20SISO	Ant0	5500	22.520	5488.800	5511.320	---	---
11n20SISO	Ant0	5580	23.320	5568.480	5591.800	---	---
11n20SISO	Ant0	5700	22.400	5689.000	5711.400	---	---
11n20SISO	Ant0	5745	22.600	5733.960	5756.560	---	---
11n20SISO	Ant0	5785	22.160	5773.960	5796.120	---	---
11n20SISO	Ant0	5825	22.400	5814.000	5836.400	---	---
11n40SISO	Ant0	5190	41.600	5169.440	5211.040	---	---
11n40SISO	Ant0	5230	41.360	5209.200	5250.560	---	---
11n40SISO	Ant0	5270	41.360	5249.440	5290.800	---	---
11n40SISO	Ant0	5310	41.120	5289.440	5330.560	---	---
11n40SISO	Ant0	5510	41.680	5489.280	5530.960	---	---
11n40SISO	Ant0	5590	41.040	5569.680	5610.720	---	---
11n40SISO	Ant0	5670	40.880	5649.520	5690.400	---	---
11n40SISO	Ant0	5755	41.280	5734.360	5775.640	---	---
11n40SISO	Ant0	5795	40.880	5774.680	5815.560	---	---
11ac20SISO	Ant0	5180	22.640	5168.720	5191.360	---	---
11ac20SISO	Ant0	5200	23.560	5188.720	5212.280	---	---
11ac20SISO	Ant0	5240	22.600	5229.040	5251.640	---	---
11ac20SISO	Ant0	5260	23.240	5248.520	5271.760	---	---
11ac20SISO	Ant0	5300	22.120	5289.200	5311.320	---	---
11ac20SISO	Ant0	5320	22.720	5308.960	5331.680	---	---
11ac20SISO	Ant0	5500	23.120	5488.640	5511.760	---	---
11ac20SISO	Ant0	5580	22.760	5568.920	5591.680	---	---
11ac20SISO	Ant0	5700	22.480	5688.960	5711.440	---	---
11ac20SISO	Ant0	5745	23.160	5733.720	5756.880	---	---
11ac20SISO	Ant0	5785	24.560	5772.840	5797.400	---	---
11ac20SISO	Ant0	5825	22.360	5814.040	5836.400	---	---
11ac40SISO	Ant0	5190	40.560	5169.840	5210.400	---	---
11ac40SISO	Ant0	5230	40.960	5209.600	5250.560	---	---
11ac40SISO	Ant0	5270	40.960	5249.760	5290.720	---	---
11ac40SISO	Ant0	5310	41.200	5289.440	5330.640	---	---
11ac40SISO	Ant0	5510	41.520	5489.520	5531.040	---	---
11ac40SISO	Ant0	5590	40.720	5569.840	5610.560	---	---
11ac40SISO	Ant0	5670	41.280	5649.600	5690.880	---	---
11ac40SISO	Ant0	5755	41.440	5734.440	5775.880	---	---
11ac40SISO	Ant0	5795	40.880	5774.680	5815.560	---	---
11ac80SISO	Ant0	5210	85.920	5168.240	5254.160	---	---
11ac80SISO	Ant0	5290	86.240	5248.560	5334.800	---	---

11ac80SISO	Ant0	5530	83.040	5488.560	5571.600	---	---
11ac80SISO	Ant0	5610	84.160	5568.080	5652.240	---	---
11ac80SISO	Ant0	5775	83.040	5733.720	5816.760	---	---

Test Graphs

11a-Ant0-5180

11a-Ant0-5200

11a-Ant0-5240

11a-Ant0-5260

11a-Ant0-5300

11a-Ant0-5320

11a-Ant0-5500

11a-Ant0-5580

11a-Ant0-5700

11a-Ant0-5745

11a-Ant0-5785

11a-Ant0-5825

11n20SISO-Ant0-5180

11n20SISO-Ant0-5200

11n20SISO-Ant0-5240

11n20SISO-Ant0-5260

11n20SISO-Ant0-5300

11n20SISO-Ant0-5320

11n20SISO-Ant0-5500

11n20SISO-Ant0-5580

11n20SISO-Ant0-5700

11n20SISO-Ant0-5745

11n20SISO-Ant0-5785

11n20SISO-Ant0-5825

11n40SISO-Ant0-5190

11n40SISO-Ant0-5230

11n40SISO-Ant0-5270

11n40SISO-Ant0-5310

11n40SISO-Ant0-5510

11n40SISO-Ant0-5590

11n40SISO-Ant0-5670

11n40SISO-Ant0-5755

11n40SISO-Ant0-5795

11ac20SISO-Ant0-5180

11ac20SISO-Ant0-5200

11ac20SISO-Ant0-5240

11ac20SISO-Ant0-5260

11ac20SISO-Ant0-5300

11ac20SISO-Ant0-5320

11ac20SISO-Ant0-5500

11ac20SISO-Ant0-5580

11ac20SISO-Ant0-5700

11ac20SISO-Ant0-5745

11ac20SISO-Ant0-5785

11ac20SISO-Ant0-5825

11ac40SISO-Ant0-5190

11ac40SISO-Ant0-5230

11ac40SISO-Ant0-5270

11ac40SISO-Ant0-5310

11ac40SISO-Ant0-5510

11ac40SISO-Ant0-5590

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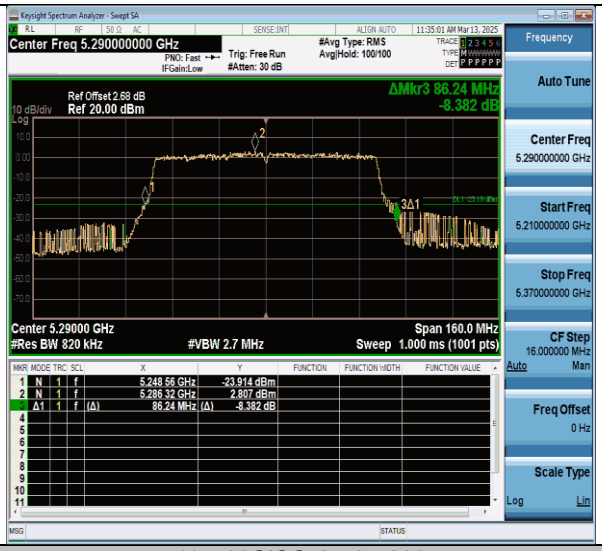
11ac40SISO-Ant0-5755

11ac40SISO-Ant0-5795

11ac80SISO-Ant0-5210



11ac80SISO-Ant0-5290

11ac80SISO-Ant0-5530

11ac80SISO-Ant0-5610

11ac80SISO-Ant0-5775

Occupied channel bandwidth

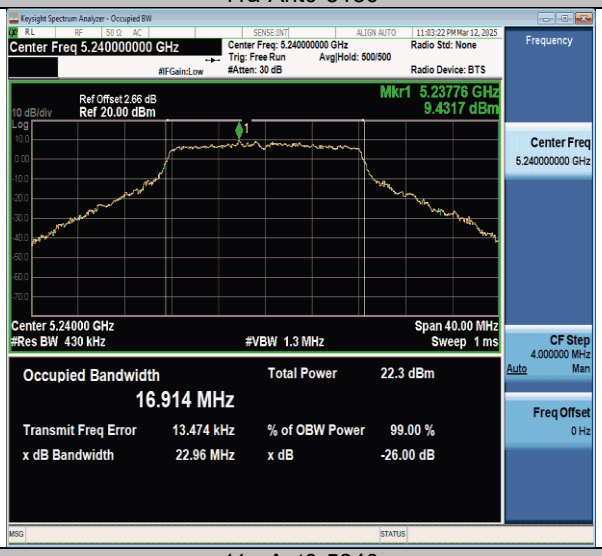
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant0	5180	16.910	5171.5439	5188.4539	---	---
11a	Ant0	5200	16.883	5191.5602	5208.4432	---	---
11a	Ant0	5240	16.914	5231.5565	5248.4705	---	---
11a	Ant0	5260	16.925	5251.5434	5268.4684	---	---
11a	Ant0	5300	16.888	5291.5494	5308.4374	---	---
11a	Ant0	5320	16.878	5311.5608	5328.4388	---	---
11a	Ant0	5500	16.918	5491.5341	5508.4521	---	---
11a	Ant0	5580	16.873	5571.5684	5588.4414	---	---
11a	Ant0	5700	16.904	5691.5604	5708.4644	---	---
11a	Ant0	5745	16.903	5736.5577	5753.4607	---	---
11a	Ant0	5785	16.912	5776.5505	5793.4625	---	---
11a	Ant0	5825	16.957	5816.5274	5833.4844	---	---
11n20SISO	Ant0	5180	18.066	5171.0044	5189.0704	---	---
11n20SISO	Ant0	5200	18.063	5191.0005	5209.0635	---	---
11n20SISO	Ant0	5240	18.054	5231.0160	5249.0700	---	---
11n20SISO	Ant0	5260	18.050	5250.9965	5269.0465	---	---
11n20SISO	Ant0	5300	18.081	5290.9780	5309.0590	---	---
11n20SISO	Ant0	5320	18.032	5311.0067	5329.0387	---	---
11n20SISO	Ant0	5500	18.069	5490.9840	5509.0530	---	---
11n20SISO	Ant0	5580	18.062	5570.9965	5589.0585	---	---
11n20SISO	Ant0	5700	18.097	5691.0003	5709.0973	---	---
11n20SISO	Ant0	5745	18.080	5735.9936	5754.0736	---	---
11n20SISO	Ant0	5785	18.070	5775.9908	5794.0608	---	---
11n20SISO	Ant0	5825	18.047	5816.0040	5834.0510	---	---
11n40SISO	Ant0	5190	36.454	5171.8574	5208.3114	---	---
11n40SISO	Ant0	5230	36.434	5211.8875	5248.3215	---	---
11n40SISO	Ant0	5270	36.429	5251.9002	5288.3292	---	---
11n40SISO	Ant0	5310	36.445	5291.8545	5328.2995	---	---
11n40SISO	Ant0	5510	36.407	5491.8669	5528.2739	---	---
11n40SISO	Ant0	5590	36.498	5571.8297	5608.3277	---	---
11n40SISO	Ant0	5670	36.417	5651.8609	5688.2779	---	---
11n40SISO	Ant0	5755	36.465	5736.8462	5773.3112	---	---
11n40SISO	Ant0	5795	36.403	5776.8923	5813.2953	---	---
11ac20SISO	Ant0	5180	18.089	5170.9918	5189.0808	---	---
11ac20SISO	Ant0	5200	18.047	5190.9794	5209.0264	---	---
11ac20SISO	Ant0	5240	18.059	5231.0253	5249.0843	---	---
11ac20SISO	Ant0	5260	18.082	5250.9909	5269.0729	---	---
11ac20SISO	Ant0	5300	18.056	5291.0059	5309.0619	---	---
11ac20SISO	Ant0	5320	18.027	5311.0156	5329.0426	---	---
11ac20SISO	Ant0	5500	18.072	5490.9832	5509.0552	---	---
11ac20SISO	Ant0	5580	18.062	5571.0049	5589.0669	---	---
11ac20SISO	Ant0	5700	18.062	5691.0052	5709.0672	---	---
11ac20SISO	Ant0	5745	18.072	5736.0108	5754.0828	---	---
11ac20SISO	Ant0	5785	18.078	5775.9957	5794.0737	---	---
11ac20SISO	Ant0	5825	18.060	5815.9980	5834.0580	---	---
11ac40SISO	Ant0	5190	36.373	5171.8656	5208.2386	---	---
11ac40SISO	Ant0	5230	36.409	5211.8745	5248.2835	---	---
11ac40SISO	Ant0	5270	36.408	5251.8629	5288.2709	---	---
11ac40SISO	Ant0	5310	36.391	5291.8672	5328.2582	---	---
11ac40SISO	Ant0	5510	36.418	5491.8665	5528.2845	---	---
11ac40SISO	Ant0	5590	36.404	5571.8676	5608.2716	---	---
11ac40SISO	Ant0	5670	36.415	5651.8581	5688.2731	---	---
11ac40SISO	Ant0	5755	36.394	5736.8783	5773.2723	---	---
11ac40SISO	Ant0	5795	36.430	5776.8494	5813.2794	---	---
11ac80SISO	Ant0	5210	75.835	5172.3352	5248.1702	---	---
11ac80SISO	Ant0	5290	75.903	5252.2396	5328.1426	---	---
11ac80SISO	Ant0	5530	75.916	5492.1923	5568.1083	---	---
11ac80SISO	Ant0	5610	75.763	5572.2640	5648.0270	---	---
11ac80SISO	Ant0	5775	75.733	5737.2516	5812.9846	---	---

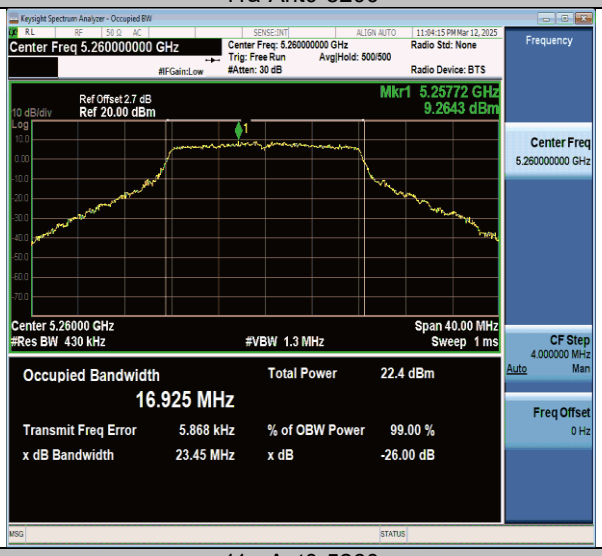
Test Graphs

11a-Ant0-5180

11a-Ant0-5200



11a-Ant0-5240



11a-Ant0-5260

11a-Ant0-5300

11a-Ant0-5320

11a-Ant0-5500

11a-Ant0-5580

11a-Ant0-5700

11a-Ant0-5745

11a-Ant0-5785

11a-Ant0-5825

11n20SISO-Ant0-5180

11n20SISO-Ant0-5200

11n20SISO-Ant0-5240

11n20SISO-Ant0-5260

11n20SISO-Ant0-5300

11n20SISO-Ant0-5320

11n20SISO-Ant0-5500

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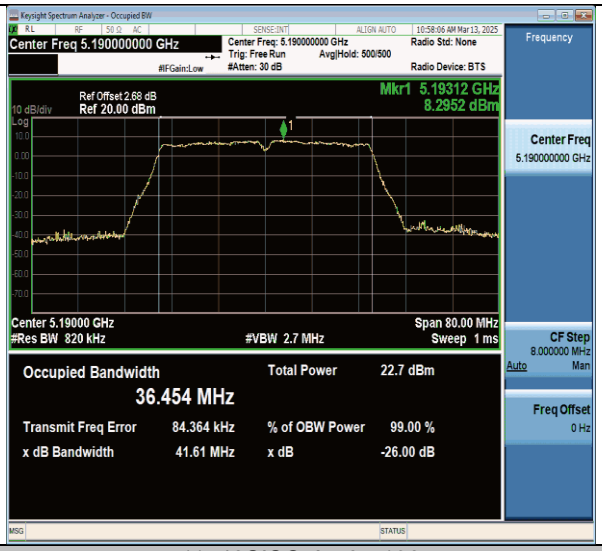

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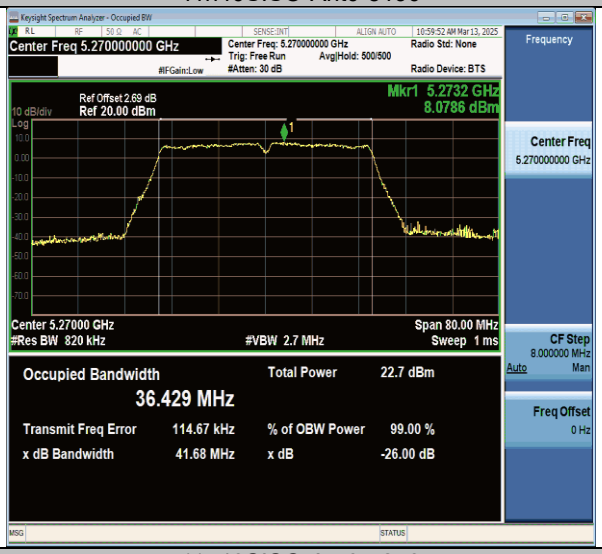
11n40SISO-Ant0-5230



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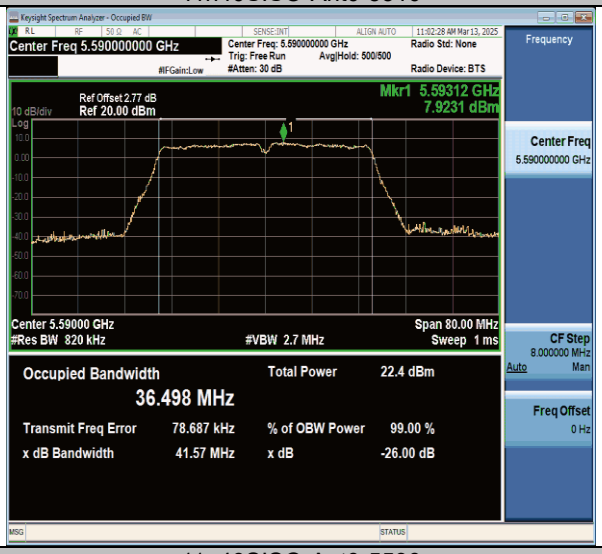
11n40SISO-Ant0-5310

11n40SISO-Ant0-5510



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11n40SISO-Ant0-5755

11n40SISO-Ant0-5795

11ac20SISO-Ant0-5180

11ac20SISO-Ant0-5200

11ac20SISO-Ant0-5240

11ac20SISO-Ant0-5260

11ac20SISO-Ant0-5300

11ac20SISO-Ant0-5320

11ac20SISO-Ant0-5500

11ac20SISO-Ant0-5580

11ac20SISO-Ant0-5700

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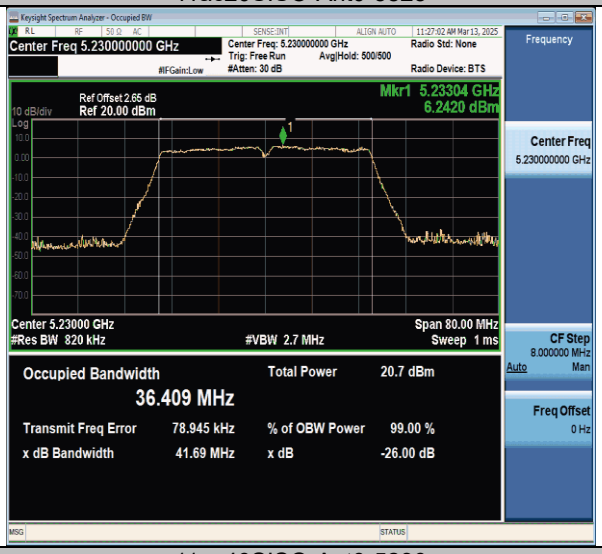
11ac40SISO-Ant0-5190



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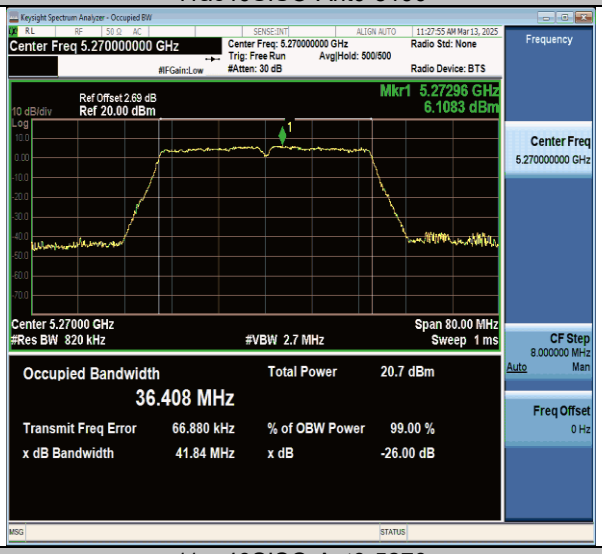

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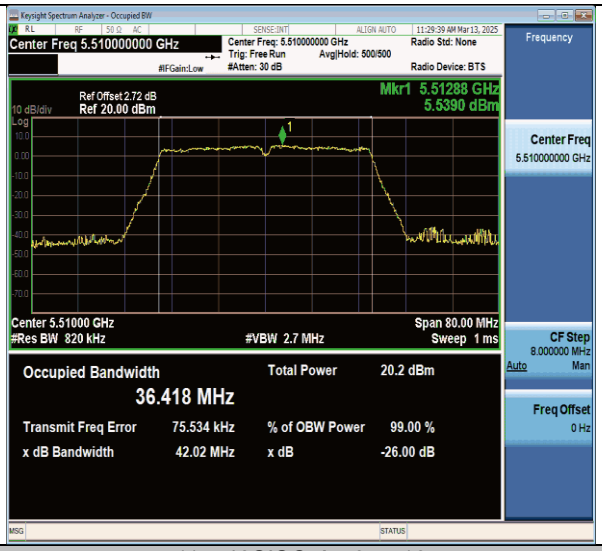
11ac40SISO-Ant0-5310



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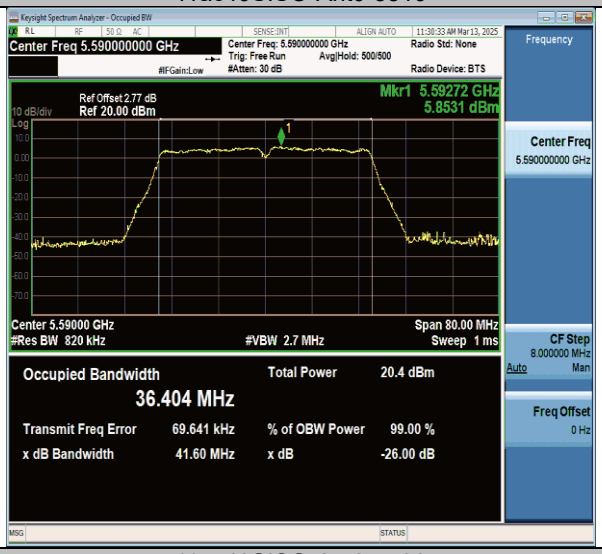

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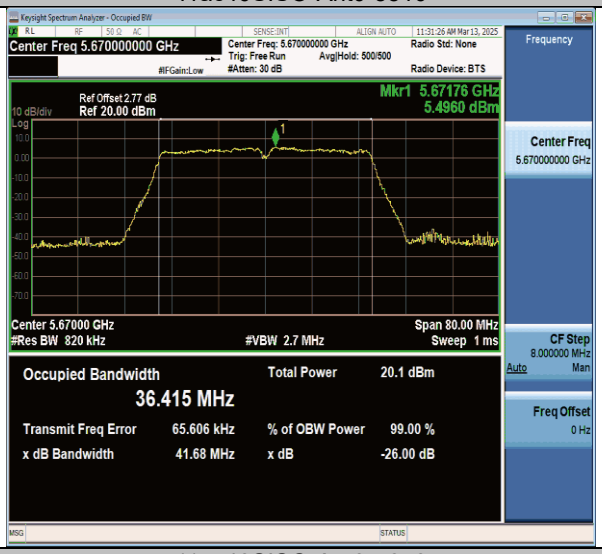

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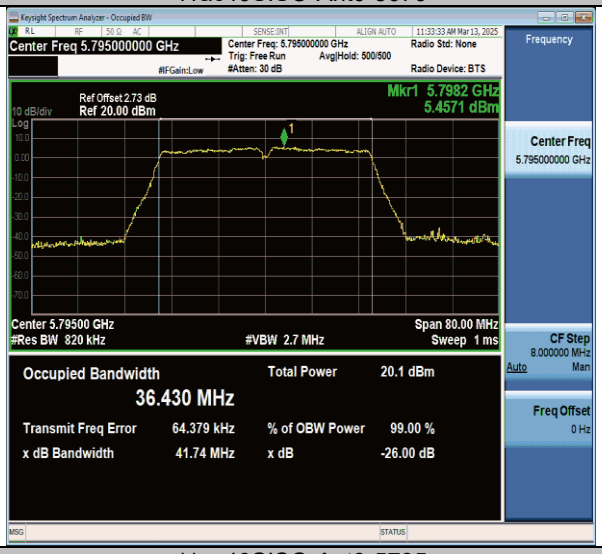
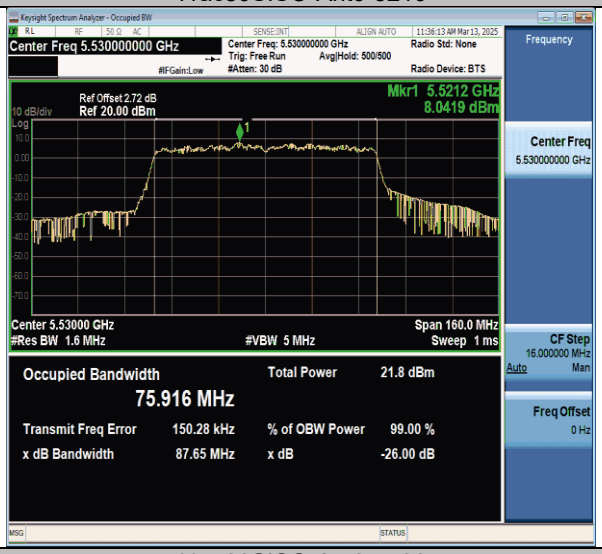
11ac40SISO-Ant0-5755



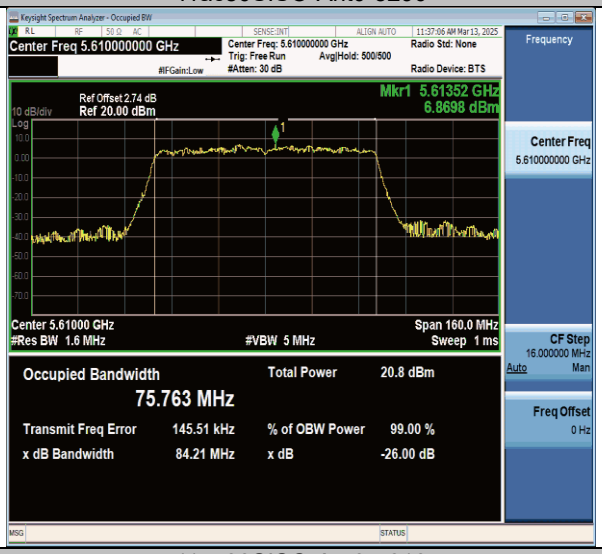
11ac40SISO-Ant0-5795

11ac80SISO-Ant0-5210

11ac80SISO-Ant0-5290



11ac80SISO-Ant0-5530



11ac80SISO-Ant0-5610

11ac80SISO-Ant0-5775

Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant0	5745	13.800	5738.080	5751.880	0.5	PASS
11a	Ant0	5785	15.440	5777.440	5792.880	0.5	PASS
11a	Ant0	5825	14.440	5818.120	5832.560	0.5	PASS
11n20SISO	Ant0	5745	16.520	5736.600	5753.120	0.5	PASS
11n20SISO	Ant0	5785	16.720	5776.640	5793.360	0.5	PASS
11n20SISO	Ant0	5825	16.800	5816.560	5833.360	0.5	PASS
11n40SISO	Ant0	5755	35.680	5737.480	5773.160	0.5	PASS
11n40SISO	Ant0	5795	35.680	5777.400	5813.080	0.5	PASS
11ac20SISO	Ant0	5745	16.920	5736.600	5753.520	0.5	PASS
11ac20SISO	Ant0	5785	16.800	5776.600	5793.400	0.5	PASS
11ac20SISO	Ant0	5825	14.800	5818.320	5833.120	0.5	PASS
11ac40SISO	Ant0	5755	35.040	5737.480	5772.520	0.5	PASS
11ac40SISO	Ant0	5795	35.120	5777.400	5812.520	0.5	PASS
11ac80SISO	Ant0	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

11a-Ant0-5745-PASS

11a-Ant0-5785-PASS

11a-Ant0-5825-PASS

11n20SISO-Ant0-5745-PASS

11n20SISO-Ant0-5785-PASS

11n20SISO-Ant0-5825-PASS

11n40SISO-Ant0-5755-PASS

11n40SISO-Ant0-5795-PASS

11ac20SISO-Ant0-5745-PASS

11ac20SISO-Ant0-5785-PASS

11ac20SISO-Ant0-5825-PASS

11ac40SISO-Ant0-5755-PASS

11ac40SISO-Ant0-5795-PASS

11ac80SISO-Ant0-5775-PASS

Duty Cycle
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11a	Ant0	5180	2.07	2.10	98.57
11a	Ant0	5200	2.07	2.11	98.10
11a	Ant0	5240	2.06	2.10	98.10
11a	Ant0	5260	2.07	2.10	98.57
11a	Ant0	5300	2.06	2.10	98.10
11a	Ant0	5320	2.07	2.10	98.57
11a	Ant0	5500	2.07	2.10	98.57
11a	Ant0	5580	2.06	2.10	98.10
11a	Ant0	5700	2.07	2.11	98.10
11a	Ant0	5745	2.06	2.10	98.10
11a	Ant0	5785	2.06	2.10	98.10
11a	Ant0	5825	2.06	2.10	98.10
11n20SISO	Ant0	5180	1.92	1.96	97.96
11n20SISO	Ant0	5200	1.93	1.97	97.97
11n20SISO	Ant0	5240	1.92	1.96	97.96
11n20SISO	Ant0	5260	1.92	1.96	97.96
11n20SISO	Ant0	5300	1.92	1.96	97.96
11n20SISO	Ant0	5320	1.92	1.96	97.96
11n20SISO	Ant0	5500	1.92	1.96	97.96
11n20SISO	Ant0	5580	1.93	1.97	97.97
11n20SISO	Ant0	5700	1.92	1.96	97.96
11n20SISO	Ant0	5745	1.92	1.96	97.96
11n20SISO	Ant0	5785	1.92	1.96	97.96
11n20SISO	Ant0	5825	1.93	1.96	98.47
11n40SISO	Ant0	5190	0.95	0.99	95.96
11n40SISO	Ant0	5230	0.94	0.98	95.92
11n40SISO	Ant0	5270	0.94	0.98	95.92
11n40SISO	Ant0	5310	0.95	0.99	95.96
11n40SISO	Ant0	5510	0.95	0.99	95.96
11n40SISO	Ant0	5590	0.95	0.98	96.94
11n40SISO	Ant0	5670	0.95	0.99	95.96
11n40SISO	Ant0	5755	0.95	0.98	96.94
11n40SISO	Ant0	5795	0.95	0.99	95.96
11ac20SISO	Ant0	5180	1.93	1.97	97.97
11ac20SISO	Ant0	5200	1.93	1.96	98.47
11ac20SISO	Ant0	5240	1.93	1.97	97.97
11ac20SISO	Ant0	5260	1.93	1.97	97.97
11ac20SISO	Ant0	5300	1.93	1.97	97.97
11ac20SISO	Ant0	5320	1.93	1.97	97.97
11ac20SISO	Ant0	5500	1.93	1.97	97.97
11ac20SISO	Ant0	5580	1.93	1.96	98.47
11ac20SISO	Ant0	5700	1.93	1.97	97.97
11ac20SISO	Ant0	5745	1.93	1.97	97.97
11ac20SISO	Ant0	5785	1.93	1.97	97.97
11ac20SISO	Ant0	5825	1.93	1.97	97.97
11ac40SISO	Ant0	5190	0.95	0.99	95.96
11ac40SISO	Ant0	5230	0.95	0.99	95.96
11ac40SISO	Ant0	5270	0.96	0.99	96.97
11ac40SISO	Ant0	5310	0.96	0.99	96.97
11ac40SISO	Ant0	5510	0.95	0.99	95.96
11ac40SISO	Ant0	5590	0.95	0.99	95.96
11ac40SISO	Ant0	5670	0.95	0.99	95.96
11ac40SISO	Ant0	5755	0.95	0.99	95.96
11ac40SISO	Ant0	5795	0.95	0.99	95.96
11ac80SISO	Ant0	5210	0.47	0.50	94.00
11ac80SISO	Ant0	5290	0.46	0.50	92.00
11ac80SISO	Ant0	5530	0.46	0.50	92.00
11ac80SISO	Ant0	5610	0.47	0.50	94.00
11ac80SISO	Ant0	5775	0.47	0.50	94.00