

TEST REPORT

Report No.: BCTC2502975137-4E

Applicant: ScreenCloud Inc

Product Name: Mini PC

Test Model: PIXI

Tested Date: 2025-02-10 to 2025-03-22

Issued Date: 2025-03-22

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2BNWE-PIXI

Product Name: Mini PC
Trademark: ScreenCloud
Model/Type reference: PIXI
PIXI 1, PIXI 1st Gen, PIXI (1st Gen)
Prepared For: ScreenCloud Inc
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Sample Received Date: 2025-02-10
Sample tested Date: 2025-02-10 to 2025-03-22
Issue Date: 2025-03-22
Report No.: BCTC2502975137-4E
FCC Part15 15.407
Test Standards: ANSI C63.10-2013
KDB 662911 D01 v02r01
KDB 789033 D02 v02r01
Test Results: PASS

Tested by:



Lei Chen/Project Handler

Approved by:



Zero Zhou/Reviewer

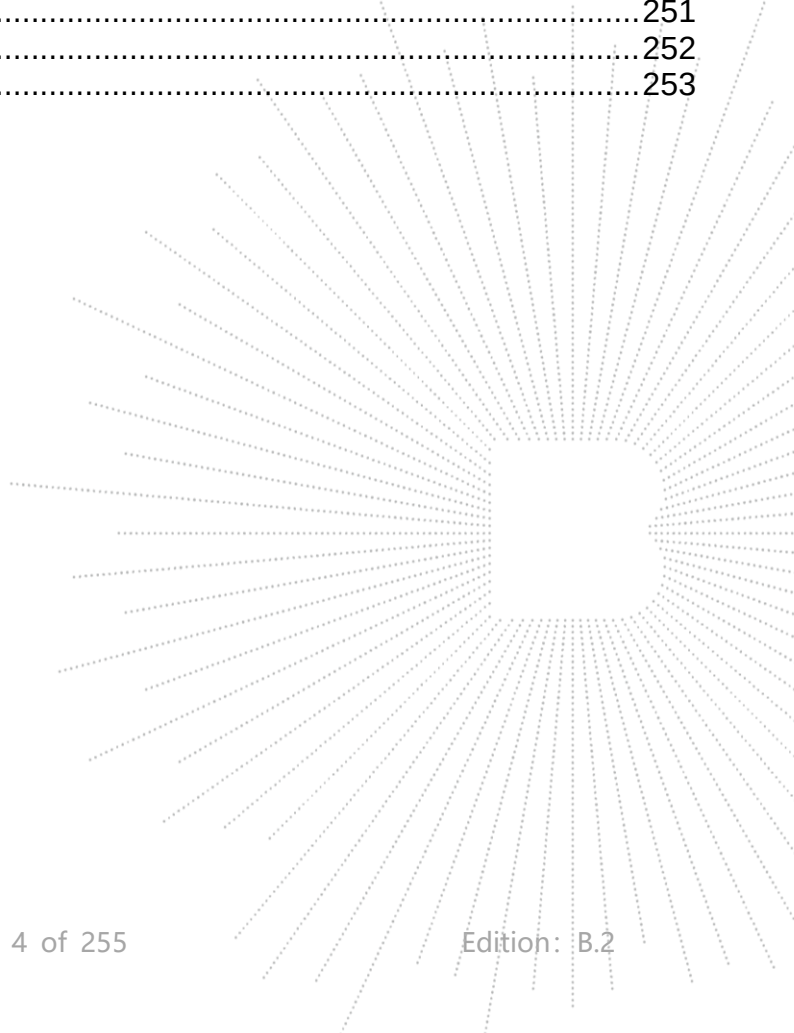
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Table Of Content

Test Report Declaration	Page
1. Version	5
2. Test Summary	6
3. Measurement Uncertainty	7
4. Product Information And Test Setup	8
4.1 Product Information.....	8
4.2 Test Setup Configuration	9
4.3 Support Equipment	9
4.4 Channel List	10
4.5 Test Mode	11
4.6 Table Of Parameters Of Text Software Setting.....	11
4.7 Antenna.....	11
5. Test Facility And Test Instrument Used.....	12
5.1 Test Facility	12
5.2 Test Instrument Used.....	12
6. Conducted Emissions.....	14
6.1 Block Diagram Of Test Setup.....	14
6.2 Limit	14
6.3 Test Procedure	14
6.4 EUT Operating Conditions	14
6.5 Test Result.....	15
7. Radiated Emissions.....	17
7.1 Block Diagram Of Test Setup.....	17
7.2 Limit	18
7.3 Test Procedure	19
7.4 EUT Operating Conditions	20
7.5 Test Result.....	20
8. Power Spectral Density Test	47
8.1 Block Diagram Of Test Setup.....	47
8.2 Limit	47
8.3 Test Procedure	48
8.4 EUT Operating Conditions	48
8.5 Test Result.....	49
9. 26dB & 6dB & 99% Emission Bandwidth	82
9.1 Block Diagram Of Test Setup.....	82
9.2 Limit	82
9.3 Test Procedure	82
9.4 EUT Operating Conditions	83
9.5 Test Result.....	83
10. Maximum Conducted Output Power.....	145
10.1 Block Diagram Of Test Setup.....	145
10.2 Limit	145
10.3 Test Procedure	145
10.4 EUT Operating Conditions	146

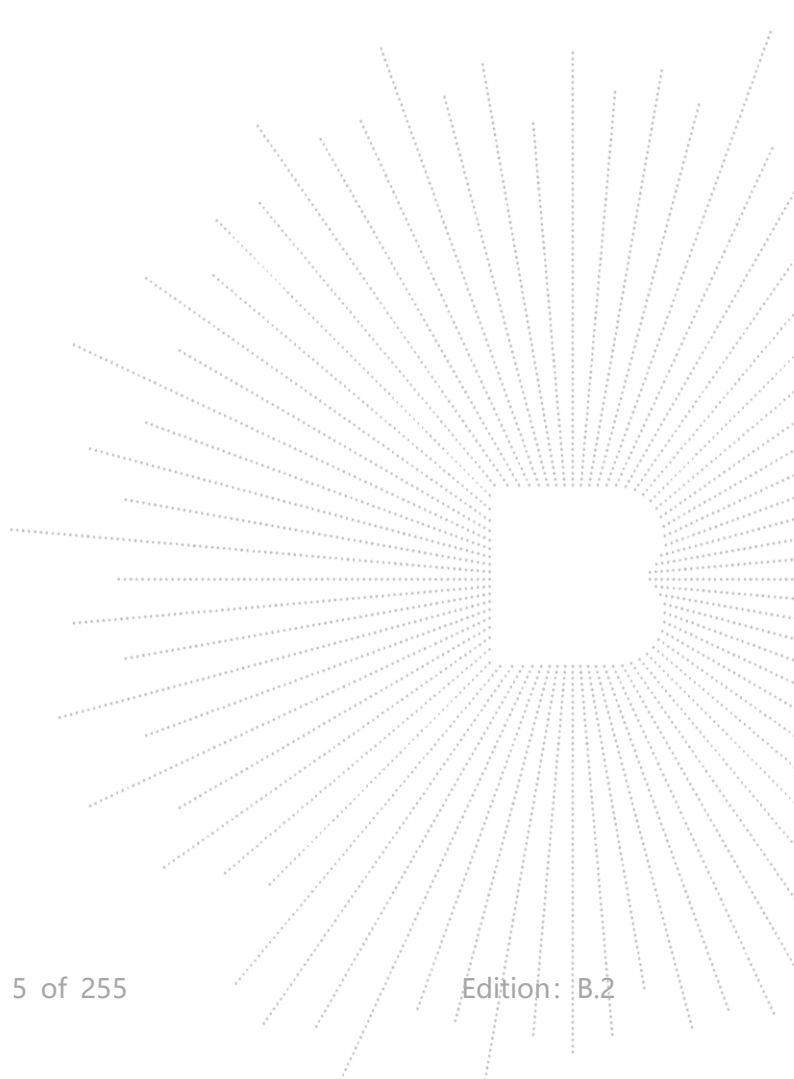
10.5	Test Result.....	147
11.	Out Of Band Emissions	151
11.1	Block Diagram Of Test Setup.....	151
11.2	Limit	151
11.3	Test Procedure	151
11.4	EUT Operating Conditions	151
11.5	Test Result.....	152
12.	Spurious RF Conducted Emissions.....	176
12.1	Block Diagram Of Test Setup.....	176
12.2	Limit	176
12.3	Test Procedure	176
12.4	Test Result.....	176
13.	Frequency Stability Measurement	206
13.1	Block Diagram Of Test Setup.....	206
13.2	Limit	206
13.3	Test Procedure	206
13.4	Test Result.....	207
14.	Duty Cycle Of Test Signal	219
14.1	Standard Requirement.....	219
14.2	Formula.....	219
14.3	Test Procedure	219
14.4	Test Result.....	219
15.	Antenna Requirement	251
15.1	Limit	251
15.2	Test Result.....	251
16.	EUT Photographs.....	252
17.	EUT Test Setup Photographs.....	253

(Note: N/A Means Not Applicable)



1. Version

Report No.	Issue Date	Description	Approved
BCTC2502975137-4E	2025-03-22	Original	Valid

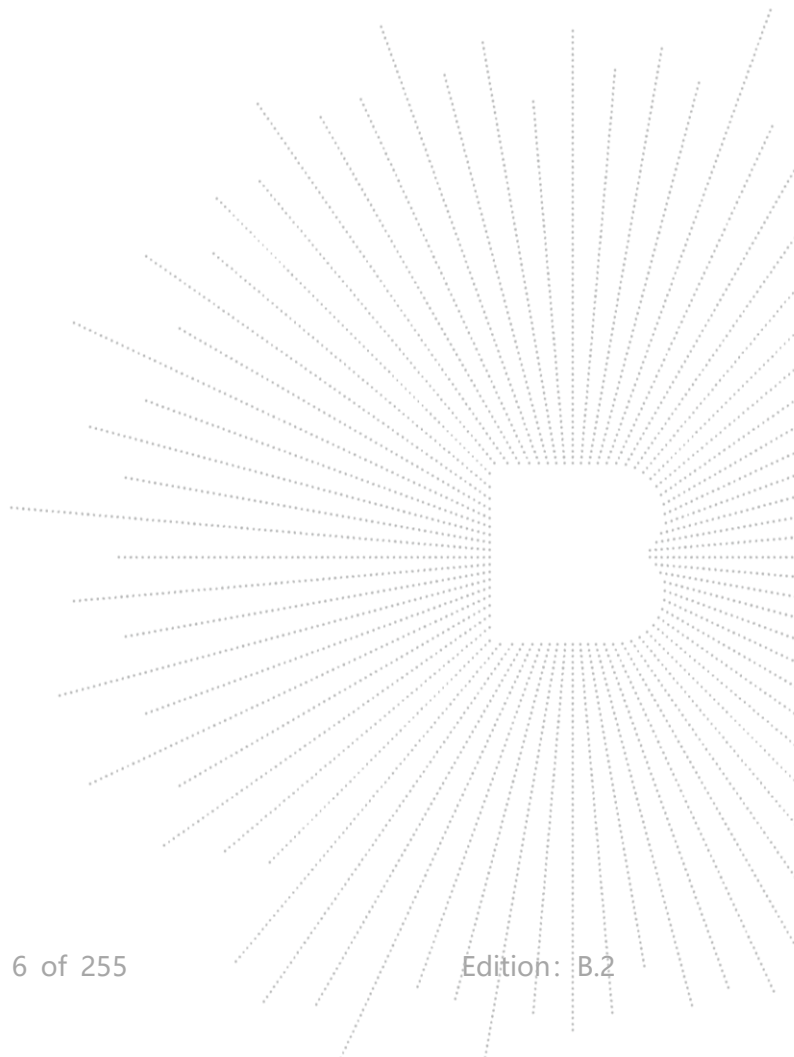


2. Test Summary

The Product has been tested according to the following specifications:

No.	Test Parameter	Clause No.	Results
1	Spurious Radiated Emissions	15.209(a) 15.407 (b)	PASS
2	Conducted Emission	15.207	PASS
3	26 dB and 99% Emission Bandwidth	15.407 a 15.1049	PASS
4	Minimum 6 dB bandwidth	15.407(e)	PASS
5	Maximum Conducted Output Power	15.407 a	PASS
6	Band Edge	15.407 b	PASS
7	Power Spectral Density	15.407 a	PASS
8	Spurious Emissions at Antenna Terminals	15.407 b	PASS
9	Antenna Requirement	15.203	PASS

Note: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.



3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9kHz-30MHz)	U=3.7dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.3dB
3	3m chamber Radiated spurious emission(1GHz-18GHz)	U=4.5dB
4	3m chamber Radiated spurious emission(18GHz-40GHz)	U=3.34dB
5	Conducted Emission(150kHz-30MHz)	U=3.20dB
6	Conducted Adjacent channel power	U=1.38dB
7	Conducted output power uncertainty Above 1G	U=1.576dB
8	Conducted output power uncertainty below 1G	U=1.28dB
9	humidity uncertainty	U=5.3%
10	Temperature uncertainty	U=0.59°C

4. Product Information And Test Setup

4.1 Product Information

Model/Type reference:	PIXI PIXI 1, PIXI 1st Gen, PIXI (1st Gen)
Model differences:	All the model are the same circuit and RF module, except model names and appearance of the color.
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported	802.11a/n/ac(20MHz channel bandwidth) 802.11n/ac(40MHz channel bandwidth) 802.11ac(80MHz channel bandwidth) 5180-5240MHz for 802.11a/n/ac(HT20); 5190-5230MHz for 802.11n/ac(HT40); 5210MHz for 802.11 ac80; 5260-5320MHz for 802.11a/n/ac(HT20); 5270-5310MHz for 802.11n/ac(HT40); 5290MHz for 802.11 ac80;
Operation Frequency:	5500-5700MHz for 802.11a/n/ac(HT20); 5410-5670MHz for 802.11n/ac(HT40); 5530MHz for 802.11 ac80; 5745-5825 MHz for 802.11a/n/ac(HT20); 5755-5795 MHz for 802.11n/ac(HT40); 5775MHz for 802.11 ac80
Data Rate	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40):MCS0-MCS15; 802.11ac(VHT20): NSS1, MCS0-MCS8 802.11ac(VHT40/VHT80):NSS1, MCS0-MCS9
Type of Modulation:	OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11a/n/ac;
Antenna installation:	FPC antenna*2 Antenna A: 3.98 dBi, Antenna B: 3.98 dBi
Antenna Gain:	Remark: ☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. ☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.
Ratings:	DC 5V from adapter
Adapter Information:	Model No.: SA12BV-050200U Input: AC 100-240V 50/60Hz 0.4A Output: DC 5V 2A

4.2 Test Setup Configuration

See test photographs attached in *EUT TEST SETUP PHOTOGRAPHS* for the actual connections between Product and support equipment.

4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	Mini PC	ScreenCloud	PIXI	N/A	EUT
E-2	Adapter	N/A	SA12BV-05020 0U	N/A	Auxiliary
E-3	Display	N/A	27G93U	N/A	Auxiliary
E-4	Speaker	N/A	N/A	N/A	Auxiliary

Notes:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.4 Channel List

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
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
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
80MHz	58	5290		
(U-NII-2C) 5500MHz-5700MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	100	5500	105	5520
	108	5540	112	5560
	116	5580	132	5660
	136	5680	140	5700
40MHz	102	5510	110	5550
	134	5670	142	5710
80MHz	106	5530		
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825		
40MHz	151	5775	159	5795
80MHz	155	5775		

4.5 Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	802.11a / n/ ac 20 CH36/ CH40/ CH 48 802.11a / n/ ac 20 CH52/ CH56/ CH 64 802.11a / n/ ac 20 CH100/ CH116/ CH 140 802.11a /n/ ac 20 CH149/ CH157/ CH 165
Mode 2	802.11n/ ac40 CH38/ CH 46 802.11n/ ac40 CH54/ CH 62 802.11n/ ac40 CH102/ CH 110/CH134 802.11n/ ac40 CH 151 / CH 159
Mode 3	802.11 ac80 CH 42/ CH 58/ CH 106/ CH 155
Mode 4	Link mode (Conducted emission & Radiated emission)

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

4.6 Table Of Parameters Of Text Software Setting

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters

Test software Version	SecureCRT		
Parameters	DEF	DEF	DEF

4.7 Antenna

5G

Ant.	Brand	Model Name	Antenna Type	Gain (dBi)	NOTE
A	N/A	N/A	FPC antenna	3.98	N/A
B	N/A	N/A	FPC antenna	3.98	N/A

EUT has two FPC antenna with Max gain GANT 3.98 dBi on every antenna, CDD device with one spatial streams, also can operat with one spatial streams according to KDB662911 D01 v02r01, Directional gain= GANT + Array Gain, where Array Gain is as follows.

1)For power spectral density(PSD) measurements,
 $\text{Array Gain} = 10\log(\text{NANT}/\text{NSS})\text{dB} = 10\log(2/1) = 3.01 \text{ dBi}$,
 So the directional gain for PSD is 6.99 dBi
 2)For power measurements,
 The Array gain=0 for $\text{NANT} \leq 4$,
 So the directional gain for Power measurements is 3.98 dBi

5. Test Facility And Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Testing Co., Ltd. Address: 1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

FCC Test Firm Registration Number: 712850

A2LA certificate registration number is: CN1212

ISED Registered No.: 23583

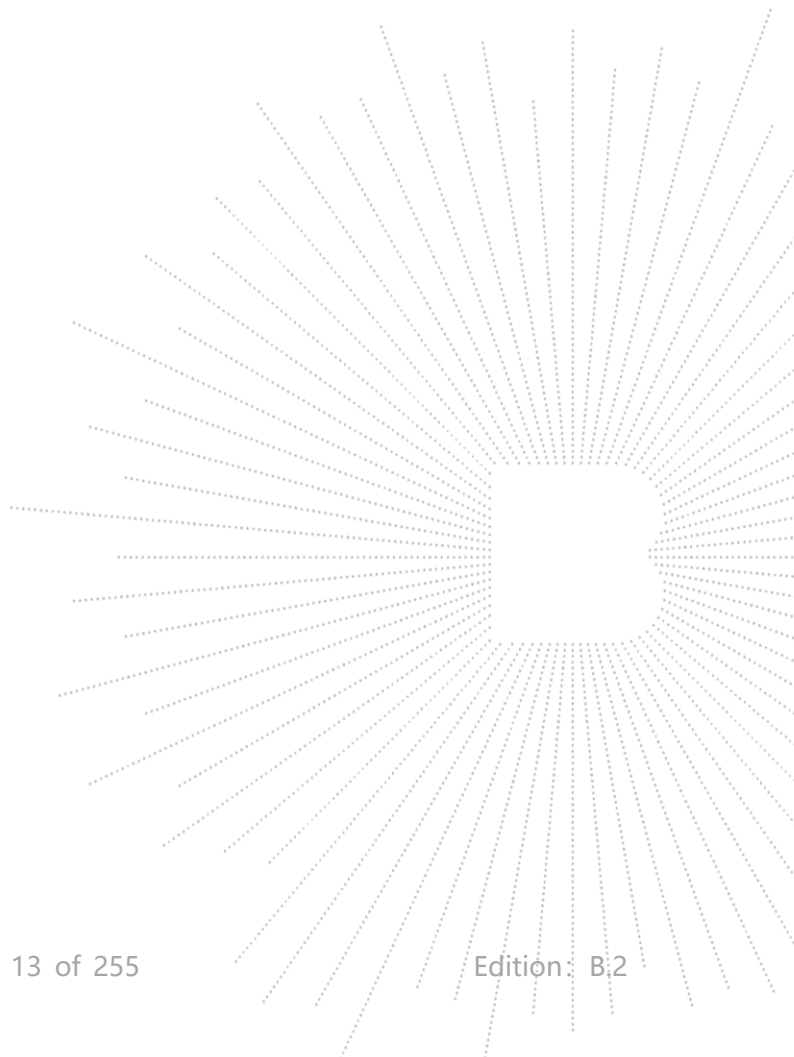
ISED CAB identifier: CN0017

5.2 Test Instrument Used

Conducted Emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
LISN	R&S	ENV216	101375	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD9561-F	01323	May 16, 2024	May 15, 2025

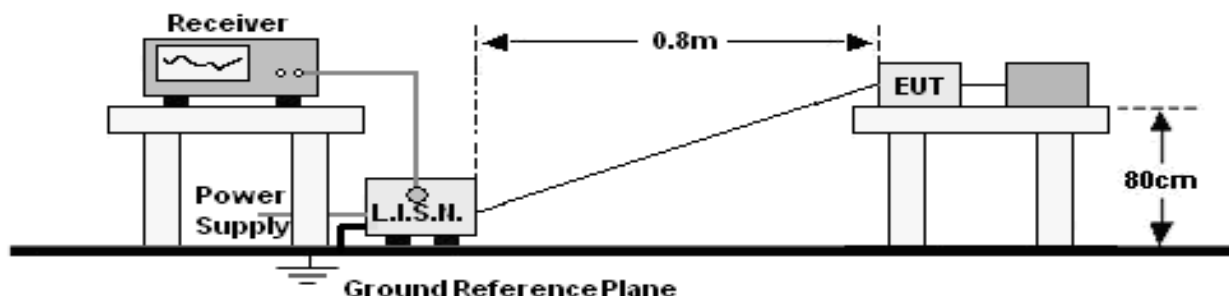
RF Conducted Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Power meter	Keysight	E4419	\	May 16, 2024	May 15, 2025
Power Sensor (AV)	Keysight	E9300A	\	May 16, 2024	May 15, 2025
Signal Analyzer20kHz-26.5GHz	Keysight	N9020A	MY49100060	May 16, 2024	May 15, 2025
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025
Radio frequency control box	MAIWEI	MW100-RFC B	\	\	\
Software	MAIWEI	MTS 8310	\	\	\

Radiated Emissions Test (966 Chamber01)					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
966 chamber	ChengYu	966 Room	966	May 16, 2024	May 15, 2025
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
Receiver	R&S	ESRP	101154	May 16, 2024	May 15, 2025
Amplifier	Schwarzbeck	BBV9744	9744-0037	May 16, 2024	May 15, 2025
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	942	May 21, 2024	May 20, 2025
Loop Antenna(9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	May 21, 2024	May 20, 2025
Amplifier	SKET	LAPA_01G18 G-45dB	SK2021040901	May 16, 2024	May 15, 2025
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 21, 2024	May 20, 2025
Amplifier(18G Hz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 16, 2024	May 15, 2025
Horn Antenna(18G Hz-40GHz)	Schwarzbeck	BBHA9170	00822	May 21, 2024	May 20, 2025
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	FA-03A2 RE	\	\



6. Conducted Emissions

6.1 Block Diagram Of Test Setup



6.2 Limit

Frequency (MHz)	Limit (dBuV)	
	Quas-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Notes:

- *Decreasing linearly with logarithm of frequency.
- The lower limit shall apply at the transition frequencies.

6.3 Test Procedure

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

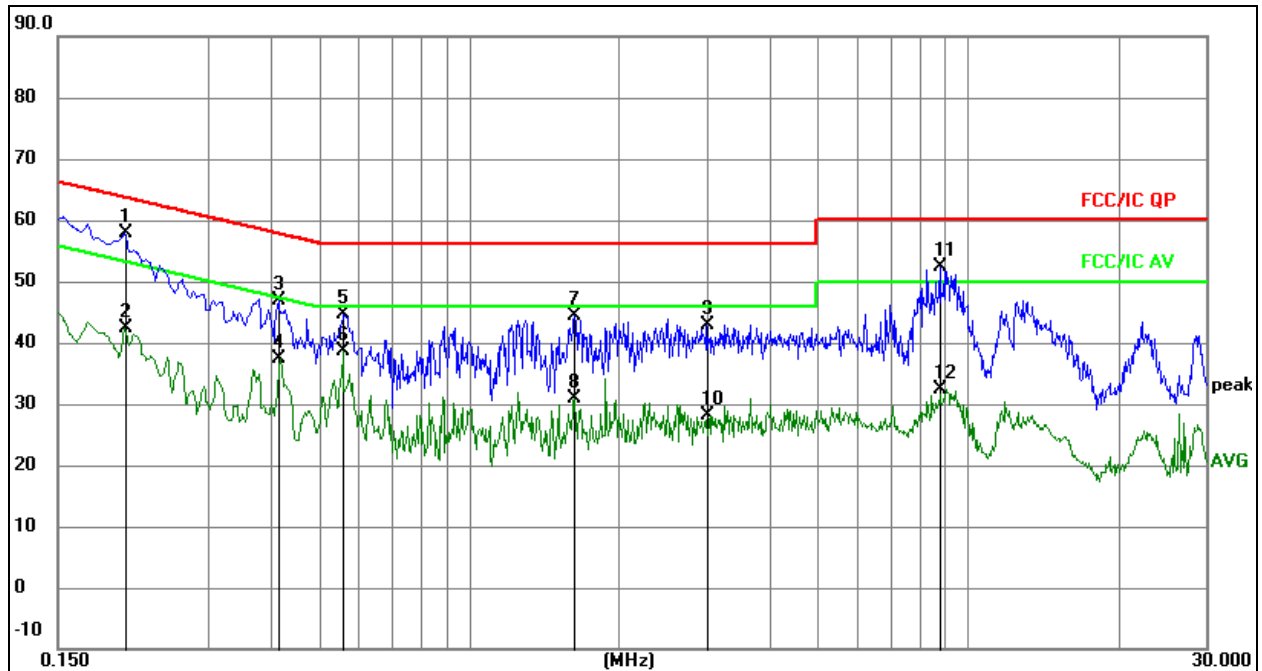
- The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N.).
- The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak and AVG detector in Max Hold mode. Run the receiver's pre-scan to record the maximum disturbance generated from Product in all power lines in the full band.
- For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

6.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

6.5 Test Result

Temperature:	23.9 °C	Relative Humidity:	51%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	Mode 4	Polarization :	L

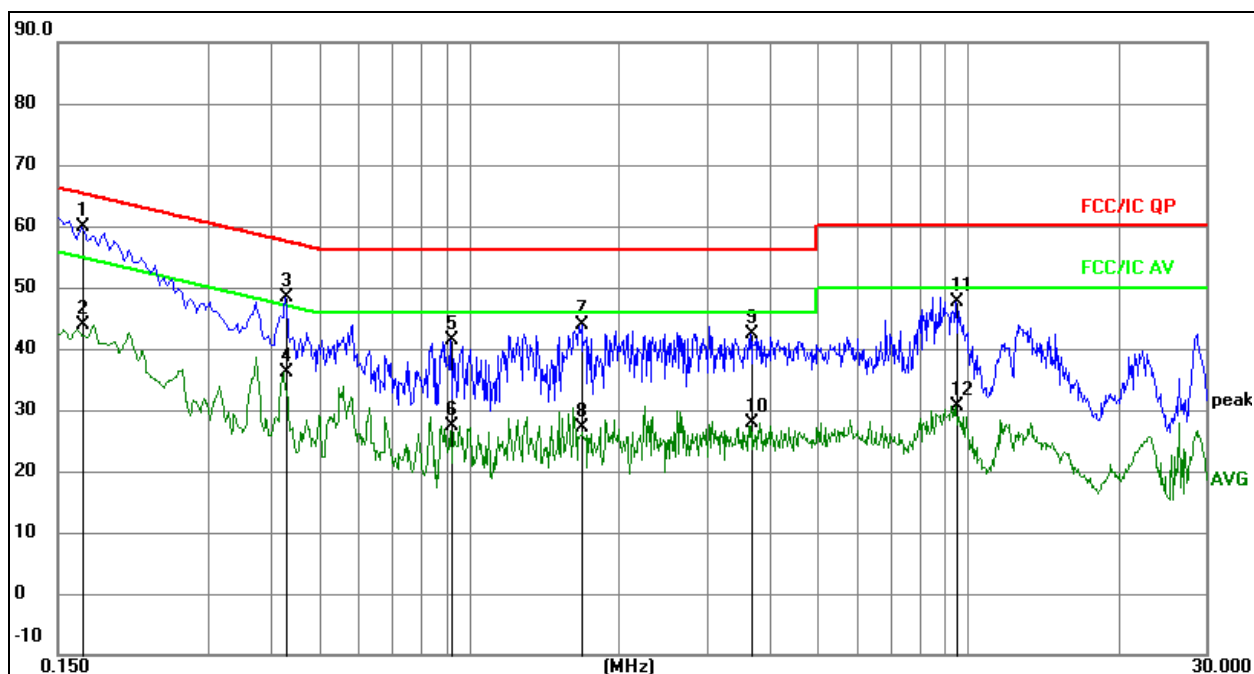


Remark:

1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1	*	0.2040	37.91	20.07	57.98	63.45	-5.47	QP
2		0.2040	22.33	20.07	42.40	53.45	-11.05	AVG
3		0.4148	26.72	20.08	46.80	57.55	-10.75	QP
4		0.4148	17.20	20.08	37.28	47.55	-10.27	AVG
5		0.5611	24.62	20.08	44.70	56.00	-11.30	QP
6		0.5611	18.43	20.08	38.51	46.00	-7.49	AVG
7		1.6276	24.21	20.10	44.31	56.00	-11.69	QP
8		1.6276	10.66	20.10	30.76	46.00	-15.24	AVG
9		2.9935	22.82	20.12	42.94	56.00	-13.06	QP
10		2.9935	8.06	20.12	28.18	46.00	-17.82	AVG
11		8.7757	32.13	20.17	52.30	60.00	-7.70	QP
12		8.7757	12.28	20.17	32.45	50.00	-17.55	AVG

Temperature:	23.9 °C	Relative Humidity:	51%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	Mode 4	Polarization :	N



Remark:

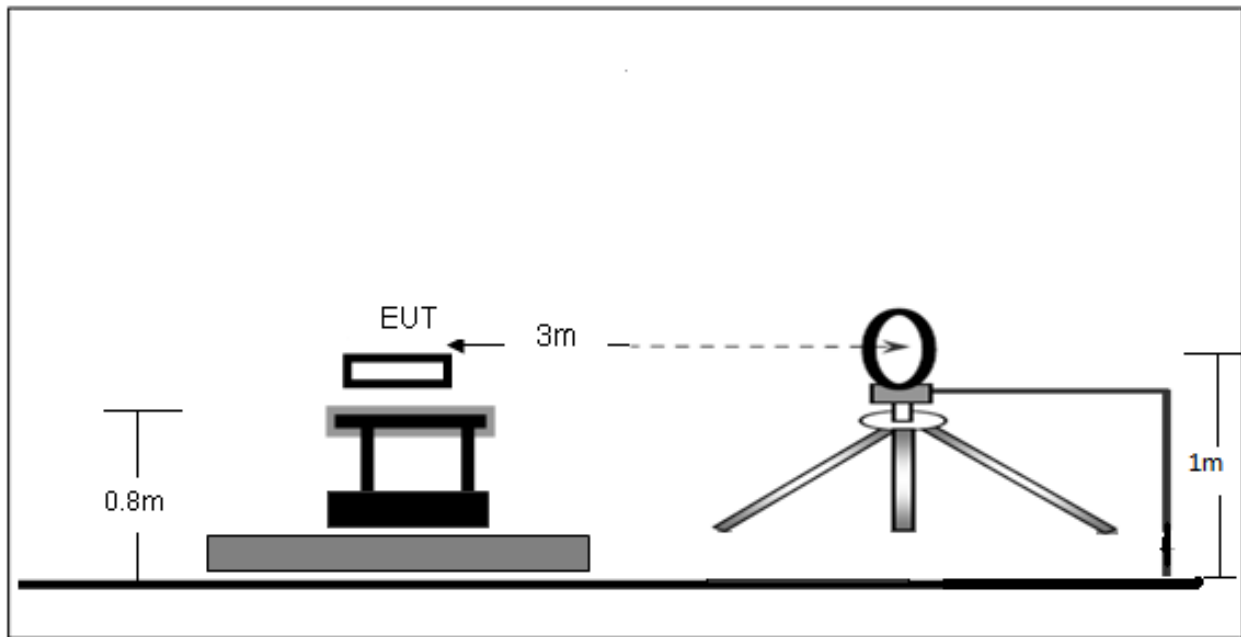
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1	*	0.1680	39.89	20.07	59.96	65.06	-5.10	QP
2		0.1680	23.85	20.07	43.92	55.06	-11.14	AVG
3		0.4290	28.18	20.08	48.26	57.27	-9.01	QP
4		0.4290	16.04	20.08	36.12	47.27	-11.15	AVG
5		0.9195	21.40	20.09	41.49	56.00	-14.51	QP
6		0.9195	7.25	20.09	27.34	46.00	-18.66	AVG
7		1.6845	23.67	20.10	43.77	56.00	-12.23	QP
8		1.6845	6.97	20.10	27.07	46.00	-18.93	AVG
9		3.6645	22.20	20.13	42.33	56.00	-13.67	QP
10		3.6645	7.70	20.13	27.83	46.00	-18.17	AVG
11		9.4785	27.44	20.17	47.61	60.00	-12.39	QP
12		9.4785	10.46	20.17	30.63	50.00	-19.37	AVG

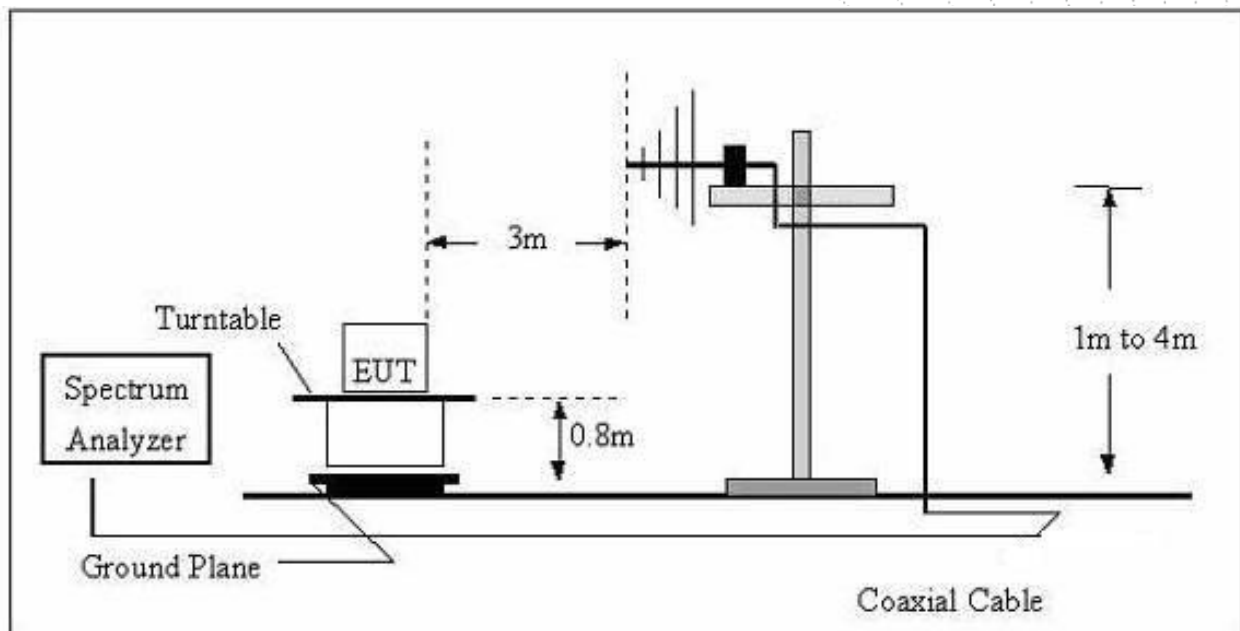
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

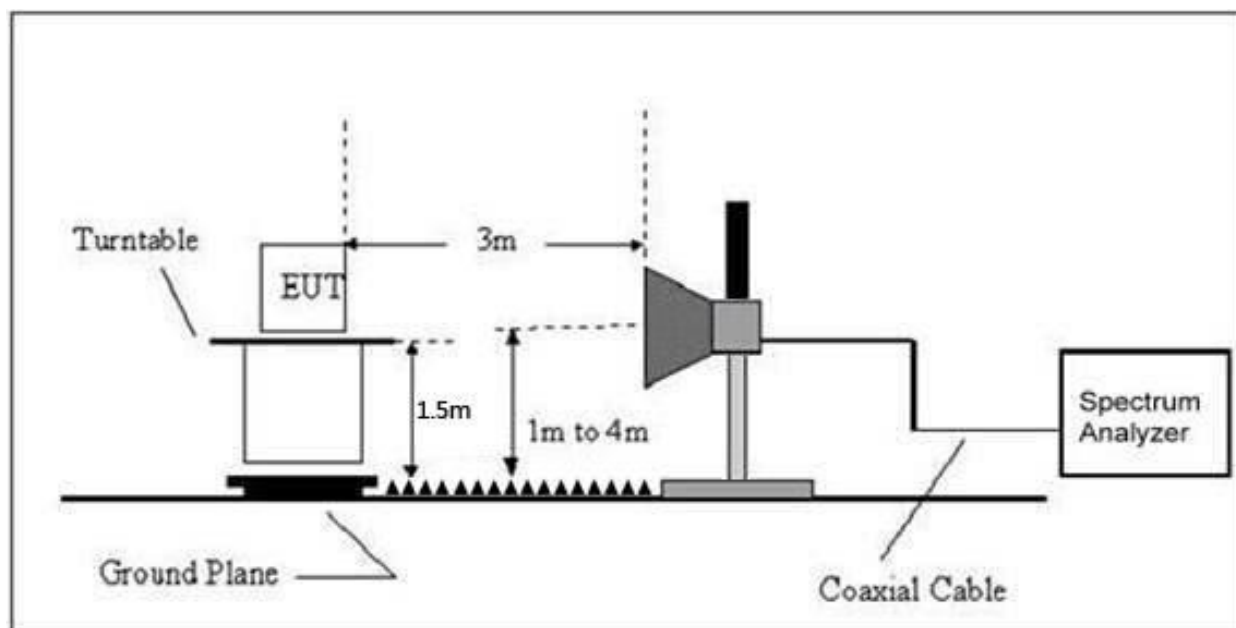
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



7.2 Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequency (MHz)	Field Strength uV/m	Distance (m)	Field Strength Limit at 3m Distance	
			uV/m	dBuV/m
0.009 ~ 0.490	$2400/F(\text{kHz})$	300	$10000 * 2400/F(\text{kHz})$	$20\log(2400/F(\text{kHz})) + 80$
0.490 ~ 1.705	$24000/F(\text{kHz})$	30	$100 * 24000/F(\text{kHz})$	$20\log(24000/F(\text{kHz})) + 40$
1.705 ~ 30	30	30	$100 * 30$	$20\log^{(30)} + 40$
30 ~ 88	100	3	100	$20\log^{(100)}$
88 ~ 216	150	3	150	$20\log^{(150)}$
216 ~ 960	200	3	200	$20\log^{(200)}$
Above 960	500	3	500	$20\log^{(500)}$

Limits Of Radiated Emission Measurement (Above 1000MHz)

Frequency (MHz)	Limit (dBuV/m) (at 3M)	
	Peak	Average
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

7.3 Test Procedure

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10-2013. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

This test is required for any spurious emission that falls in a Restricted Band, as defined in Section 15.205. It must be performed with the highest gain of each type of antenna proposed for use with the EUT.

Use the following spectrum analyzer settings:

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 m for below 1GHz and 1.5m for above 1GHz the ground at a 3 meter. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m for below 1GHz and 1.5m for above 1GHz; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

During the radiated emission test, the Spectrum Analyzer was set with the following configurations:

Frequency Band (MHz)	Function	Resolution bandwidth	Video Bandwidth
30 to 1000	QP	120 kHz	300 kHz
Above 1000	Peak	1 MHz	1 MHz
	Average	1 MHz	10 Hz

Note: for the frequency ranges below 30 MHz, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where $RBWCF [dB] = 10 \cdot \lg(100 [kHz] / \text{narrower RBW} [kHz])$. , the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

7.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

7.5 Test Result

Below 30MHz

Temperature:	23.9 °C	Relative Humidity:	51%
Pressure:	101 kPa	Test Voltage :	AC 120V/60Hz
Test Mode:	Mode 4	Polarization:	--

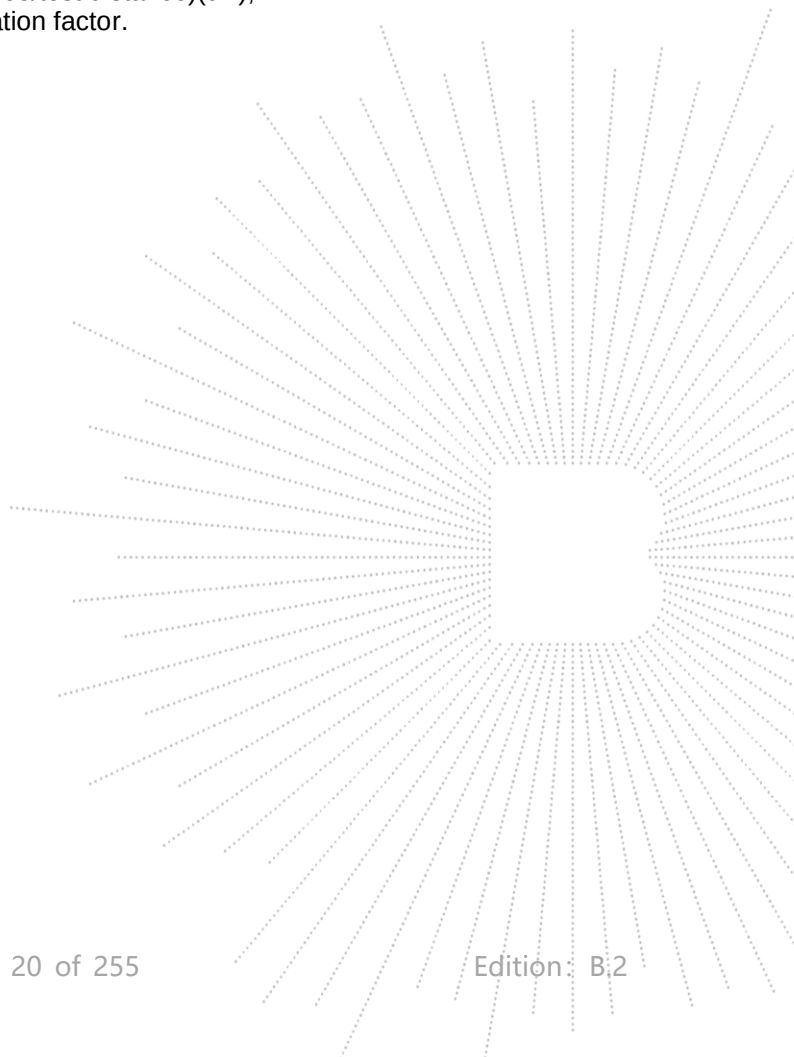
Freq. (MHz)	Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	State P/F
--	--	--	--	PASS
--	--	--	--	PASS

Note:

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

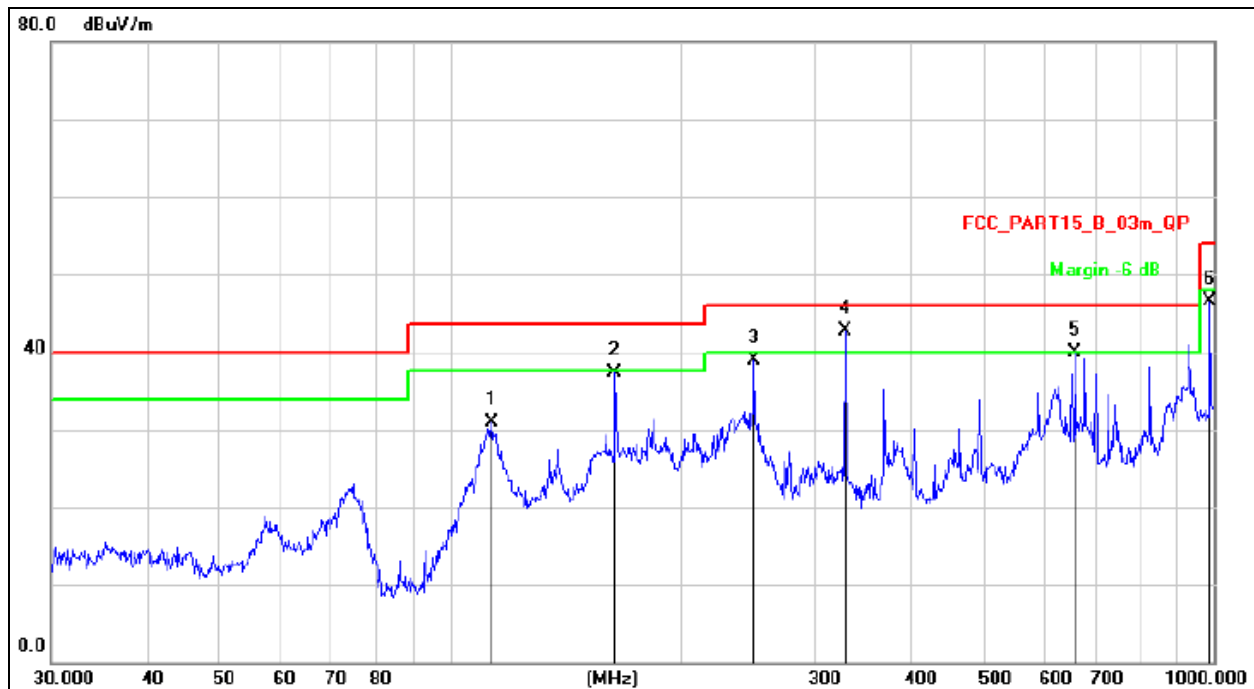
Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (dB);

Limit line = specific limits(dBuv) + distance extrapolation factor.



Between 30MHz – 1GHz

Temperature:	23.9 °C	Relative Humidity:	51%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	Mode 4	Polarization :	Horizontal

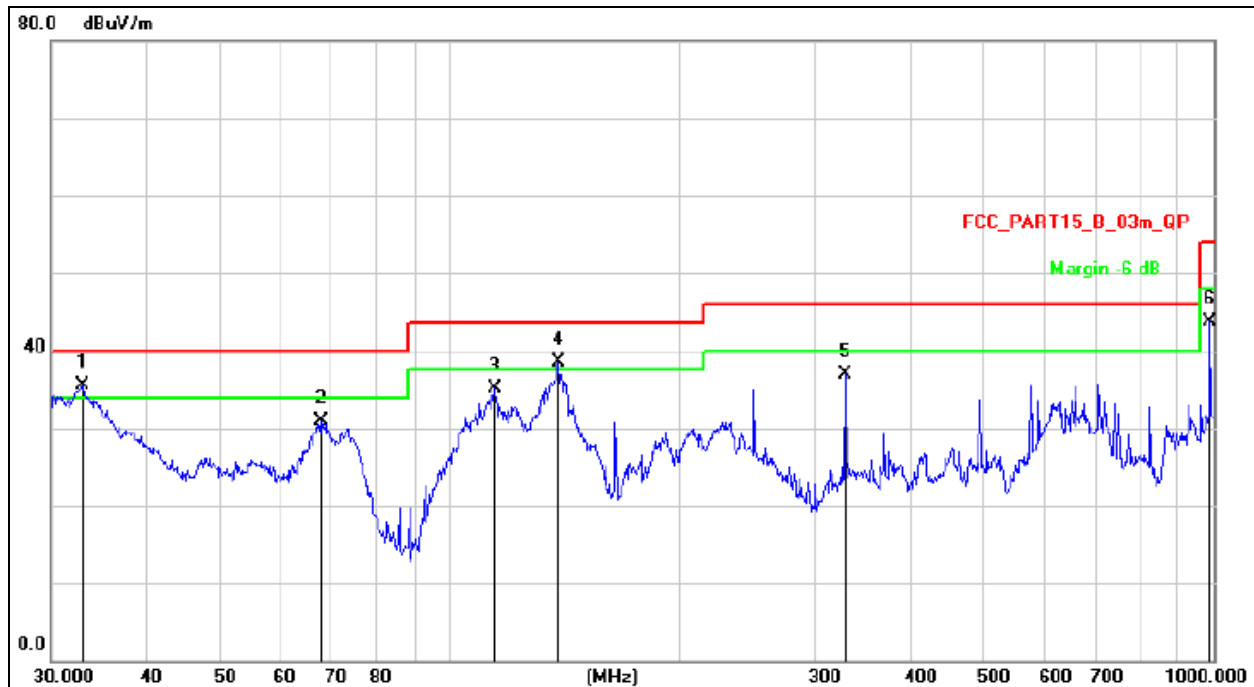


Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement = Reading Level + Correct Factor
3. Over = Measurement - Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB	dBuV/m	dB/m	dB	
1		113.3162	47.79	-16.86	30.93	43.50	-12.57	QP
2		164.3301	55.71	-18.37	37.34	43.50	-6.16	QP
3		250.3011	53.15	-14.28	38.87	46.00	-7.13	QP
4	*	329.0389	54.97	-12.22	42.75	46.00	-3.25	QP
5		658.8361	45.99	-6.08	39.91	46.00	-6.09	QP
6		989.5354	49.01	-2.48	46.53	54.00	-7.47	QP

Temperature:	23.9 °C	Relative Humidity:	51%
Pressure:	101KPa	Test Voltage:	AC120V/60Hz
Test Mode:	Mode 4	Polarization :	Vertical



Remark:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement = Reading Level + Correct Factor
3. Over = Measurement - Limit

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1	*	32.9791	51.48	-16.07	35.41	40.00	-4.59	QP
2		67.6751	48.35	-17.36	30.99	40.00	-9.01	QP
3		114.5146	52.12	-16.95	35.17	43.50	-8.33	QP
4	!	138.3873	57.08	-18.62	38.46	43.50	-5.04	QP
5		329.0389	49.13	-12.22	36.91	46.00	-9.09	QP
6		989.5353	46.20	-2.48	43.72	54.00	-10.28	QP

Test Mode:	TX(5.1G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.045	74.06	-20.73	53.32	68.2	-14.88	PK
Vertical	4434.045	59.55	-20.73	38.82	54	-15.18	AV
Vertical	10360.094	62.32	-9.36	52.96	68.2	-15.24	PK
Vertical	10360.094	49.18	-9.36	39.82	54	-14.18	AV
Vertical	15540.189	64.78	-7.84	56.94	74	-17.06	PK
Vertical	15540.189	49.37	-7.84	41.53	54	-12.47	AV
Horizontal	4434.170	70.35	-20.73	49.62	68.2	-18.58	PK
Horizontal	4434.170	59.81	-20.73	39.08	54	-14.92	AV
Horizontal	10360.055	63.63	-9.36	54.27	68.2	-13.93	PK
Horizontal	10360.055	49.85	-9.36	40.49	54	-13.51	AV
Horizontal	15540.059	64.79	-7.84	56.95	74	-17.05	PK
Horizontal	15540.059	49.97	-7.84	42.13	54	-11.87	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.144	70.42	-20.42	50.00	74	-24.00	PK
Vertical	4592.144	59.28	-20.42	38.86	54	-15.14	AV
Vertical	10400.092	62.29	-9.30	52.99	68.2	-15.21	PK
Vertical	10400.092	49.32	-9.30	40.02	54	-13.98	AV
Vertical	15600.126	64.58	-7.82	56.76	74	-17.24	PK
Vertical	15600.126	49.22	-7.82	41.40	54	-12.60	AV
Horizontal	4592.189	72.90	-20.42	52.48	74	-21.52	PK
Horizontal	4592.189	59.92	-20.42	39.50	54	-14.50	AV
Horizontal	10400.037	64.96	-9.30	55.66	68.2	-12.54	PK
Horizontal	10400.037	49.32	-9.30	40.02	54	-13.98	AV
Horizontal	15600.192	63.03	-7.82	55.21	74	-18.79	PK
Horizontal	15600.192	49.73	-7.82	41.91	54	-12.09	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.021	72.54	-20.12	52.42	74	-21.58	PK
Vertical	4739.021	59.43	-20.12	39.31	54	-14.69	AV
Vertical	10480.177	62.89	-9.18	53.71	68.2	-14.49	PK
Vertical	10480.177	49.60	-9.18	40.42	54	-13.58	AV
Vertical	15720.014	63.70	-7.78	55.92	74	-18.08	PK
Vertical	15720.014	49.28	-7.78	41.50	54	-12.50	AV
Horizontal	4739.002	74.70	-20.12	54.57	74	-19.43	PK
Horizontal	4739.002	59.75	-20.12	39.63	54	-14.37	AV
Horizontal	10480.060	62.49	-9.18	53.31	68.2	-14.89	PK
Horizontal	10480.060	49.19	-9.18	40.01	54	-13.99	AV
Horizontal	15720.054	61.06	-7.78	53.28	74	-20.72	PK
Horizontal	15720.054	49.35	-7.78	41.57	54	-12.43	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode:	TX(5.1G) - 802.11n-HT20
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.035	72.04	-20.73	51.31	68.2	-16.89	PK
Vertical	4434.035	59.38	-20.73	38.65	54	-15.35	AV
Vertical	10360.078	60.15	-9.36	50.79	68.2	-17.41	PK
Vertical	10360.078	49.87	-9.36	40.51	54	-13.49	AV
Vertical	15540.017	62.25	-7.84	54.41	74	-19.59	PK
Vertical	15540.017	49.71	-7.84	41.87	54	-12.13	AV
Horizontal	4434.132	70.31	-20.73	49.58	68.2	-18.62	PK
Horizontal	4434.132	59.10	-20.73	38.36	54	-15.64	AV
Horizontal	10360.014	63.53	-9.36	54.17	68.2	-14.03	PK
Horizontal	10360.014	49.60	-9.36	40.24	54	-13.76	AV
Horizontal	15540.128	63.73	-7.84	55.89	74	-18.11	PK
Horizontal	15540.128	49.42	-7.84	41.58	54	-12.42	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.169	72.07	-20.42	51.65	74	-22.35	PK
Vertical	4592.169	60.00	-20.42	39.58	54	-14.42	AV
Vertical	10400.037	64.67	-9.30	55.37	68.2	-12.83	PK
Vertical	10400.037	49.25	-9.30	39.95	54	-14.05	AV
Vertical	15600.052	61.79	-7.82	53.97	74	-20.03	PK
Vertical	15600.052	49.27	-7.82	41.45	54	-12.55	AV
Horizontal	4592.071	73.52	-20.42	53.10	74	-20.90	PK
Horizontal	4592.071	59.58	-20.42	39.16	54	-14.84	AV
Horizontal	10400.134	64.41	-9.30	55.11	68.2	-13.09	PK
Horizontal	10400.134	49.79	-9.30	40.49	54	-13.51	AV
Horizontal	15600.037	61.09	-7.82	53.27	74	-20.73	PK
Horizontal	15600.037	49.54	-7.82	41.72	54	-12.28	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.066	74.15	-20.12	54.02	74	-19.98	PK
Vertical	4739.066	59.53	-20.12	39.41	54	-14.59	AV
Vertical	10480.022	62.89	-9.18	53.71	68.2	-14.49	PK
Vertical	10480.022	49.61	-9.18	40.43	54	-13.57	AV
Vertical	15720.067	63.79	-7.78	56.01	74	-17.99	PK
Vertical	15720.067	49.03	-7.78	41.25	54	-12.75	AV
Horizontal	4739.116	72.29	-20.12	52.17	74	-21.83	PK
Horizontal	4739.116	59.88	-20.12	39.76	54	-14.24	AV
Horizontal	10480.118	64.58	-9.18	55.40	68.2	-12.80	PK
Horizontal	10480.118	49.70	-9.18	40.52	54	-13.48	AV
Horizontal	15720.003	62.53	-7.78	54.75	74	-19.25	PK
Horizontal	15720.003	49.17	-7.78	41.39	54	-12.61	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11n-HT40
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.119	73.85	-20.73	53.12	68.2	-15.08	PK
Vertical	4434.119	59.25	-20.73	38.52	54	-15.48	AV
Vertical	10380.153	62.06	-9.33	52.73	68.2	-15.47	PK
Vertical	10380.153	49.25	-9.33	39.92	54	-14.08	AV
Vertical	15570.174	62.92	-7.83	55.09	74	-18.91	PK
Vertical	15570.174	49.56	-7.83	41.73	54	-12.27	AV
Horizontal	4434.115	71.51	-20.73	50.77	74	-23.23	PK
Horizontal	4434.115	59.31	-20.73	38.58	54	-15.42	AV
Horizontal	10380.029	64.17	-9.33	54.84	68.2	-13.36	PK
Horizontal	10380.029	49.01	-9.33	39.68	54	-14.32	AV
Horizontal	15570.058	61.91	-7.83	54.08	74	-19.92	PK
Horizontal	15570.058	49.75	-7.83	41.92	54	-12.08	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.100	73.10	-20.12	52.98	68.2	-15.22	PK
Vertical	4739.100	59.32	-20.12	39.20	54	-14.80	AV
Vertical	10460.188	60.39	-9.21	51.18	68.2	-17.02	PK
Vertical	10460.188	49.69	-9.21	40.48	54	-13.52	AV
Vertical	15690.108	64.47	-7.79	56.68	74	-17.32	PK
Vertical	15690.108	49.17	-7.79	41.38	54	-12.62	AV
Horizontal	4739.027	73.43	-20.12	53.31	68.2	-14.89	PK
Horizontal	4739.027	59.33	-20.12	39.21	54	-14.79	AV
Horizontal	10460.042	63.40	-9.21	54.19	68.2	-14.01	PK
Horizontal	10460.042	49.41	-9.21	40.20	54	-13.80	AV
Horizontal	15690.136	61.51	-7.79	53.72	74	-20.28	PK
Horizontal	15690.136	49.83	-7.79	42.04	54	-11.96	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.120	71.29	-20.73	50.56	68.2	-17.64	PK
Vertical	4434.120	59.25	-20.73	38.52	54	-15.48	AV
Vertical	10360.048	64.86	-9.36	55.50	68.2	-12.70	PK
Vertical	10360.048	49.76	-9.36	40.40	54	-13.60	AV
Vertical	15540.148	63.00	-7.84	55.16	74	-18.84	PK
Vertical	15540.148	49.03	-7.84	41.19	54	-12.81	AV
Horizontal	4434.079	71.20	-20.73	50.47	68.2	-17.73	PK
Horizontal	4434.079	59.15	-20.73	38.41	54	-15.59	AV
Horizontal	10360.032	62.19	-9.36	52.83	68.2	-15.37	PK
Horizontal	10360.032	49.95	-9.36	40.59	54	-13.41	AV
Horizontal	15540.172	64.91	-7.84	57.07	74	-16.93	PK
Horizontal	15540.172	49.35	-7.84	41.51	54	-12.49	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.067	73.65	-20.42	53.23	74	-20.77	PK
Vertical	4592.067	59.59	-20.42	39.17	54	-14.83	AV
Vertical	10400.055	62.38	-9.30	53.08	68.2	-15.12	PK
Vertical	10400.055	49.47	-9.30	40.17	54	-13.83	AV
Vertical	15600.183	63.60	-7.82	55.78	74	-18.22	PK
Vertical	15600.183	49.05	-7.82	41.23	54	-12.77	AV
Horizontal	4592.176	71.72	-20.42	51.30	74	-22.70	PK
Horizontal	4592.176	59.89	-20.42	39.47	54	-14.53	AV
Horizontal	10400.004	63.74	-9.30	54.44	68.2	-13.76	PK
Horizontal	10400.004	49.58	-9.30	40.28	54	-13.72	AV
Horizontal	15600.178	63.03	-7.82	55.21	74	-18.79	PK
Horizontal	15600.178	49.57	-7.82	41.75	54	-12.25	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.017	72.21	-20.12	52.09	74	-21.91	PK
Vertical	4739.017	59.20	-20.12	39.08	54	-14.92	AV
Vertical	10480.085	64.08	-9.18	54.90	68.2	-13.30	PK
Vertical	10480.085	49.56	-9.18	40.38	54	-13.62	AV
Vertical	15720.078	62.99	-7.78	55.21	74	-18.79	PK
Vertical	15720.078	49.09	-7.78	41.31	54	-12.69	AV
Horizontal	4739.185	74.76	-20.12	54.63	74	-19.37	PK
Horizontal	4739.185	59.08	-20.12	38.95	54	-15.05	AV
Horizontal	10480.053	63.77	-9.18	54.59	68.2	-13.61	PK
Horizontal	10480.053	49.81	-9.18	40.63	54	-13.37	AV
Horizontal	15720.092	61.96	-7.78	54.18	74	-19.82	PK
Horizontal	15720.092	49.01	-7.78	41.23	54	-12.77	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.183	72.58	-20.73	51.85	68.2	-16.35	PK
Vertical	4434.183	59.02	-20.73	38.29	54	-15.71	AV
Vertical	10380.195	61.29	-9.33	51.96	68.2	-16.24	PK
Vertical	10380.195	49.84	-9.33	40.51	54	-13.49	AV
Vertical	15570.064	62.18	-7.83	54.35	74	-19.65	PK
Vertical	15570.064	49.78	-7.83	41.95	54	-12.05	AV
Horizontal	4434.021	71.03	-20.73	50.29	74	-23.71	PK
Horizontal	4434.021	59.83	-20.73	39.10	54	-14.90	AV
Horizontal	10380.083	62.37	-9.33	53.04	68.2	-15.16	PK
Horizontal	10380.083	49.95	-9.33	40.62	54	-13.38	AV
Horizontal	15570.195	60.32	-7.83	52.49	74	-21.51	PK
Horizontal	15570.195	49.49	-7.83	41.66	54	-12.34	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.018	72.37	-20.12	52.25	68.2	-15.95	PK
Vertical	4739.018	59.62	-20.12	39.50	54	-14.50	AV
Vertical	10460.011	60.85	-9.21	51.64	68.2	-16.56	PK
Vertical	10460.011	49.04	-9.21	39.83	54	-14.17	AV
Vertical	15690.036	60.32	-7.79	52.53	74	-21.47	PK
Vertical	15690.036	49.32	-7.79	41.53	54	-12.47	AV
Horizontal	4739.150	74.19	-20.12	54.06	68.2	-14.14	PK
Horizontal	4739.150	59.69	-20.12	39.57	54	-14.43	AV
Horizontal	10460.174	60.08	-9.21	50.87	68.2	-17.33	PK
Horizontal	10460.174	49.50	-9.21	40.29	54	-13.71	AV
Horizontal	15690.155	64.32	-7.79	56.53	74	-17.47	PK
Horizontal	15690.155	49.81	-7.79	42.02	54	-11.98	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.1G) - 802.11ac-HT80
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
(5210 MHz)-Above 1G							
Vertical	4434.197	70.91	-20.73	50.17	68.2	-18.03	PK
Vertical	4434.197	59.41	-20.73	38.67	54	-15.33	AV
Vertical	10420.055	61.02	-9.27	51.75	68.2	-16.45	PK
Vertical	10420.055	49.64	-9.27	40.37	54	-13.63	AV
Vertical	15630.128	63.47	-7.81	55.66	74	-18.34	PK
Vertical	15630.128	49.66	-7.81	41.85	54	-12.15	AV
Horizontal	4434.065	73.50	-20.73	52.77	68.2	-15.43	PK
Horizontal	4434.065	59.22	-20.73	38.49	54	-15.51	AV
Horizontal	10420.190	43.13	9.27	52.40	68.2	-15.80	PK
Horizontal	10420.190	29.30	9.27	38.57	54	-15.43	AV
Horizontal	15630.071	60.32	-7.81	52.51	74	-21.49	PK
Horizontal	15630.071	49.40	-7.81	41.59	54	-12.41	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.3G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.069	70.91	-20.73	50.17	68.2	-18.03	PK
Vertical	4434.069	59.30	-20.73	38.57	54	-15.43	AV
Vertical	10520.178	60.18	-9.12	51.06	68.2	-17.14	PK
Vertical	10520.178	49.61	-9.12	40.49	54	-13.51	AV
Vertical	15780.086	64.62	-7.77	56.85	74	-17.15	PK
Vertical	15780.086	49.56	-7.77	41.79	54	-12.21	AV
Horizontal	4434.042	71.08	-20.73	50.35	68.2	-17.85	PK
Horizontal	4434.042	59.05	-20.73	38.32	54	-15.68	AV
Horizontal	10520.022	63.26	-9.12	54.14	68.2	-14.06	PK
Horizontal	10520.022	49.33	-9.12	40.21	54	-13.79	AV
Horizontal	15780.195	61.01	-7.77	53.24	74	-20.76	PK
Horizontal	15780.195	49.13	-7.77	41.36	54	-12.64	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.031	70.35	-20.42	49.93	74	-24.07	PK
Vertical	4592.031	59.03	-20.42	38.61	54	-15.39	AV
Vertical	10560.014	63.38	-9.06	54.32	68.2	-13.88	PK
Vertical	10560.014	49.15	-9.06	40.09	54	-13.91	AV
Vertical	15840.056	62.67	-7.75	54.92	74	-19.08	PK
Vertical	15840.056	49.23	-7.75	41.48	54	-12.52	AV
Horizontal	4592.075	72.38	-20.42	51.96	74	-22.04	PK
Horizontal	4592.075	59.45	-20.42	39.03	54	-14.97	AV
Horizontal	10560.011	62.75	-9.06	53.69	68.2	-14.51	PK
Horizontal	10560.011	49.79	-9.06	40.73	54	-13.27	AV
Horizontal	15840.162	62.61	-7.75	54.86	74	-19.14	PK
Horizontal	15840.162	49.46	-7.75	41.71	54	-12.29	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.194	74.52	-20.12	54.39	74	-19.61	PK
Vertical	4739.194	59.17	-20.12	39.04	54	-14.96	AV
Vertical	10640.037	63.51	-8.94	54.57	68.2	-13.63	PK
Vertical	10640.037	49.28	-8.94	40.34	54	-13.66	AV
Vertical	15960.153	63.93	-7.71	56.22	74	-17.78	PK
Vertical	15960.153	49.95	-7.71	42.24	54	-11.76	AV
Horizontal	4739.133	71.22	-20.12	51.10	74	-22.90	PK
Horizontal	4739.133	59.81	-20.12	39.69	54	-14.31	AV
Horizontal	10640.023	63.79	-8.94	54.85	68.2	-13.35	PK
Horizontal	10640.023	49.57	-8.94	40.63	54	-13.37	AV
Horizontal	15960.053	60.89	-7.71	53.18	74	-20.82	PK
Horizontal	15960.053	49.07	-7.71	41.36	54	-12.64	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode:	TX(5.3G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.175	72.02	-20.73	51.29	68.2	-16.91	PK
Vertical	4434.175	59.67	-20.73	38.94	54	-15.06	AV
Vertical	10520.027	60.36	-9.12	51.24	68.2	-16.96	PK
Vertical	10520.027	49.31	-9.12	40.19	54	-13.81	AV
Vertical	15780.080	64.89	-7.77	57.12	74	-16.88	PK
Vertical	15780.080	49.88	-7.77	42.11	54	-11.89	AV
Horizontal	4434.165	73.11	-20.73	52.38	68.2	-15.82	PK
Horizontal	4434.165	59.04	-20.73	38.31	54	-15.69	AV
Horizontal	10520.176	64.78	-9.12	55.66	68.2	-12.54	PK
Horizontal	10520.176	49.55	-9.12	40.43	54	-13.57	AV
Horizontal	15780.016	60.69	-7.77	52.92	74	-21.08	PK
Horizontal	15780.016	49.78	-7.77	42.01	54	-11.99	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.173	70.51	-20.42	50.09	74	-23.91	PK
Vertical	4592.173	59.60	-20.42	39.18	54	-14.82	AV
Vertical	10560.114	60.94	-9.06	51.88	68.2	-16.32	PK
Vertical	10560.114	49.73	-9.06	40.67	54	-13.33	AV
Vertical	15840.182	64.20	-7.75	56.45	74	-17.55	PK
Vertical	15840.182	49.09	-7.75	41.34	54	-12.66	AV
Horizontal	4592.038	73.46	-20.42	53.04	74	-20.96	PK
Horizontal	4592.038	59.22	-20.42	38.80	54	-15.20	AV
Horizontal	10560.124	63.26	-9.06	54.20	68.2	-14.00	PK
Horizontal	10560.124	49.43	-9.06	40.37	54	-13.63	AV
Horizontal	15840.024	64.43	-7.75	56.68	74	-17.32	PK
Horizontal	15840.024	49.05	-7.75	41.30	54	-12.70	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.000	74.06	-20.12	53.94	74	-20.06	PK
Vertical	4739.000	59.59	-20.12	39.46	54	-14.54	AV
Vertical	10640.147	62.90	-8.94	53.96	68.2	-14.24	PK
Vertical	10640.147	49.03	-8.94	40.09	54	-13.91	AV
Vertical	15960.197	60.74	-7.71	53.03	74	-20.97	PK
Vertical	15960.197	49.16	-7.71	41.45	54	-12.55	AV
Horizontal	4739.182	73.68	-20.12	53.56	74	-20.44	PK
Horizontal	4739.182	59.20	-20.12	39.08	54	-14.92	AV
Horizontal	10640.138	62.57	-8.94	53.63	68.2	-14.57	PK
Horizontal	10640.138	49.80	-8.94	40.86	54	-13.14	AV
Horizontal	15960.004	63.73	-7.71	56.02	74	-17.98	PK
Horizontal	15960.004	49.99	-7.71	42.28	54	-11.72	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.3G) - 802.11n-HT40
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5270 MHz)-Above 1G							
Vertical	4434.105	73.95	-20.73	53.22	68.2	-14.98	PK
Vertical	4434.105	59.65	-20.73	38.92	54	-15.08	AV
Vertical	10540.100	61.31	-9.09	52.22	68.2	-15.98	PK
Vertical	10540.100	49.26	-9.09	40.17	54	-13.83	AV
Vertical	15810.038	64.11	-7.76	56.35	74	-17.65	PK
Vertical	15810.038	49.41	-7.76	41.65	54	-12.35	AV
Horizontal	4434.050	74.50	-20.73	53.77	74	-20.23	PK
Horizontal	4434.050	59.34	-20.73	38.61	54	-15.39	AV
Horizontal	10540.002	61.37	-9.09	52.28	68.2	-15.92	PK
Horizontal	10540.002	49.13	-9.09	40.04	54	-13.96	AV
Horizontal	15810.159	62.66	-7.76	54.90	74	-19.10	PK
Horizontal	15810.159	49.16	-7.76	41.40	54	-12.60	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.034	74.04	-20.12	53.92	68.2	-14.28	PK
Vertical	4739.034	59.73	-20.12	39.61	54	-14.39	AV
Vertical	10620.197	61.95	-8.97	52.98	68.2	-15.22	PK
Vertical	10620.197	49.43	-8.97	40.46	54	-13.54	AV
Vertical	15930.191	60.06	-7.72	52.34	74	-21.66	PK
Vertical	15930.191	49.33	-7.72	41.61	54	-12.39	AV
Horizontal	4739.108	74.39	-20.12	54.27	68.2	-13.93	PK
Horizontal	4739.108	59.40	-20.12	39.28	54	-14.72	AV
Horizontal	10620.066	64.53	-8.97	55.56	68.2	-12.64	PK
Horizontal	10620.066	49.70	-8.97	40.73	54	-13.27	AV
Horizontal	15930.167	63.66	-7.72	55.94	74	-18.06	PK
Horizontal	15930.167	49.29	-7.72	41.57	54	-12.43	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.3G) - 802.11ac-HT20
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.167	73.83	-20.73	53.10	68.2	-15.10	PK
Vertical	4434.167	59.35	-20.73	38.61	54	-15.39	AV
Vertical	10520.034	62.64	-9.12	53.52	68.2	-14.68	PK
Vertical	10520.034	49.85	-9.12	40.73	54	-13.27	AV
Vertical	15780.167	61.68	-7.77	53.91	74	-20.09	PK
Vertical	15780.167	49.32	-7.77	41.55	54	-12.45	AV
Horizontal	4434.019	70.89	-20.73	50.16	68.2	-18.04	PK
Horizontal	4434.019	59.47	-20.73	38.74	54	-15.26	AV
Horizontal	10520.021	64.18	-9.12	55.06	68.2	-13.14	PK
Horizontal	10520.021	49.74	-9.12	40.62	54	-13.38	AV
Horizontal	15780.050	63.41	-7.77	55.64	74	-18.36	PK
Horizontal	15780.050	49.69	-7.77	41.92	54	-12.08	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.134	72.95	-20.42	52.54	74	-21.46	PK
Vertical	4592.134	59.15	-20.42	38.74	54	-15.26	AV
Vertical	10560.095	63.80	-9.06	54.74	68.2	-13.46	PK
Vertical	10560.095	49.95	-9.06	40.89	54	-13.11	AV
Vertical	15840.146	64.41	-7.75	56.66	74	-17.34	PK
Vertical	15840.146	49.61	-7.75	41.86	54	-12.14	AV
Horizontal	4592.048	72.70	-20.42	52.29	74	-21.71	PK
Horizontal	4592.048	59.30	-20.42	38.88	54	-15.12	AV
Horizontal	10560.092	63.46	-9.06	54.40	68.2	-13.80	PK
Horizontal	10560.092	49.68	-9.06	40.62	54	-13.38	AV
Horizontal	15840.050	63.89	-7.75	56.14	74	-17.86	PK
Horizontal	15840.050	49.88	-7.75	42.13	54	-11.87	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.082	73.00	-20.12	52.87	74	-21.13	PK
Vertical	4739.082	59.70	-20.12	39.58	54	-14.42	AV
Vertical	10640.080	64.23	-8.94	55.29	68.2	-12.91	PK
Vertical	10640.080	49.63	-8.94	40.69	54	-13.31	AV
Vertical	15960.053	62.64	-7.71	54.93	74	-19.07	PK
Vertical	15960.053	49.38	-7.71	41.67	54	-12.33	AV
Horizontal	4739.021	70.05	-20.12	49.93	74	-24.07	PK
Horizontal	4739.021	59.28	-20.12	39.15	54	-14.85	AV
Horizontal	10640.048	63.93	-8.94	54.99	68.2	-13.21	PK
Horizontal	10640.048	49.26	-8.94	40.32	54	-13.68	AV
Horizontal	15960.061	63.42	-7.71	55.71	74	-18.29	PK
Horizontal	15960.061	49.83	-7.71	42.12	54	-11.88	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.3G) - 802.11ac-HT40
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5270 MHz)-Above 1G							
Vertical	4434.031	70.03	-20.73	49.30	68.2	-18.90	PK
Vertical	4434.031	59.71	-20.73	38.98	54	-15.02	AV
Vertical	10540.076	62.04	-9.09	52.95	68.2	-15.25	PK
Vertical	10540.076	49.90	-9.09	40.81	54	-13.19	AV
Vertical	15810.106	63.03	-7.76	55.27	74	-18.73	PK
Vertical	15810.106	49.06	-7.76	41.30	54	-12.70	AV
Horizontal	4434.148	74.25	-20.73	53.52	74	-20.48	PK
Horizontal	4434.148	59.09	-20.73	38.36	54	-15.64	AV
Horizontal	10540.053	64.80	-9.09	55.71	68.2	-12.49	PK
Horizontal	10540.053	49.21	-9.09	40.12	54	-13.88	AV
Horizontal	15810.177	61.14	-7.76	53.38	74	-20.62	PK
Horizontal	15810.177	49.57	-7.76	41.81	54	-12.19	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.170	72.90	-20.12	52.78	68.2	-15.42	PK
Vertical	4739.170	59.86	-20.12	39.74	54	-14.26	AV
Vertical	10620.040	60.91	-8.97	51.94	68.2	-16.26	PK
Vertical	10620.040	49.40	-8.97	40.43	54	-13.57	AV
Vertical	15930.120	64.24	-7.72	56.52	74	-17.48	PK
Vertical	15930.120	49.76	-7.72	42.04	54	-11.96	AV
Horizontal	4739.181	73.44	-20.12	53.32	68.2	-14.88	PK
Horizontal	4739.181	59.00	-20.12	38.88	54	-15.12	AV
Horizontal	10620.093	63.52	-8.97	54.55	68.2	-13.65	PK
Horizontal	10620.093	49.40	-8.97	40.43	54	-13.57	AV
Horizontal	15930.154	60.87	-7.72	53.15	74	-20.85	PK
Horizontal	15930.154	49.80	-7.72	42.08	54	-11.92	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.3G) - 802.11ac-HT80
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
(5290 MHz)-Above 1G							
Vertical	4434.183	72.47	-20.73	51.74	68.2	-16.46	PK
Vertical	4434.183	59.41	-20.73	38.68	54	-15.32	AV
Vertical	10580.077	61.95	-9.03	52.92	68.2	-15.28	PK
Vertical	10580.077	49.95	-9.03	40.92	54	-13.08	AV
Vertical	15870.026	63.64	-7.74	55.90	74	-18.10	PK
Vertical	15870.026	49.84	-7.74	42.10	54	-11.90	AV
Horizontal	4434.031	71.37	-20.73	50.64	68.2	-17.56	PK
Horizontal	4434.031	59.91	-20.73	39.18	54	-14.82	AV
Horizontal	10580.057	62.40	-9.03	53.37	68.2	-14.83	PK
Horizontal	10580.057	49.31	-9.03	40.28	54	-13.72	AV
Horizontal	15870.018	61.50	-7.74	53.76	74	-20.24	PK
Horizontal	15870.018	49.89	-7.74	42.15	54	-11.85	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.142	70.59	-20.73	49.86	68.2	-18.34	PK
Vertical	4434.142	59.52	-20.73	38.78	54	-15.22	AV
Vertical	11000.002	64.35	-8.40	55.95	68.2	-12.25	PK
Vertical	11000.002	49.82	-8.40	41.42	54	-12.58	AV
Vertical	16500.078	60.21	-6.09	54.12	74	-19.88	PK
Vertical	16500.078	49.90	-6.09	43.81	54	-10.19	AV
Horizontal	4434.071	74.75	-20.73	54.01	68.2	-14.19	PK
Horizontal	4434.071	59.97	-20.73	39.24	54	-14.76	AV
Horizontal	11000.162	64.93	-8.40	56.53	68.2	-11.67	PK
Horizontal	11000.162	49.74	-8.40	41.34	54	-12.66	AV
Horizontal	16500.197	63.13	-6.09	57.04	74	-16.96	PK
Horizontal	16500.197	49.98	-6.09	43.89	54	-10.11	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.151	70.59	-20.42	50.18	74	-23.82	PK
Vertical	4592.151	59.03	-20.42	38.61	54	-15.39	AV
Vertical	11160.031	60.56	-8.53	52.03	68.2	-16.17	PK
Vertical	11160.031	49.87	-8.53	41.34	54	-12.66	AV
Vertical	16740.182	63.00	-5.31	57.69	74	-16.31	PK
Vertical	16740.182	49.10	-5.31	43.79	54	-10.21	AV
Horizontal	4592.100	72.37	-20.42	51.95	74	-22.05	PK
Horizontal	4592.100	59.28	-20.42	38.87	54	-15.13	AV
Horizontal	11160.019	60.71	-8.53	52.18	68.2	-16.02	PK
Horizontal	11160.019	49.07	-8.53	40.54	54	-13.46	AV
Horizontal	16740.031	63.32	-5.31	58.01	74	-15.99	PK
Horizontal	16740.031	49.20	-5.31	43.89	54	-10.11	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.015	71.38	-20.12	51.26	74	-22.74	PK
Vertical	4739.015	59.46	-20.12	39.34	54	-14.66	AV
Vertical	11400.198	63.85	-8.72	55.13	68.2	-13.07	PK
Vertical	11400.198	49.14	-8.72	40.42	54	-13.58	AV
Vertical	17100.167	63.09	-3.92	59.17	74	-14.83	PK
Vertical	17100.167	49.29	-3.92	45.37	54	-8.63	AV
Horizontal	4739.123	72.47	-20.12	52.35	74	-21.65	PK
Horizontal	4739.123	59.15	-20.12	39.02	54	-14.98	AV
Horizontal	11400.163	60.63	-8.72	51.91	68.2	-16.29	PK
Horizontal	11400.163	49.03	-8.72	40.31	54	-13.69	AV
Horizontal	17100.194	60.26	-3.92	56.34	74	-17.66	PK
Horizontal	17100.194	49.78	-3.92	45.86	54	-8.14	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode:	TX(5.6G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.074	70.04	-20.73	49.31	68.2	-18.89	PK
Vertical	4434.074	59.08	-20.73	38.35	54	-15.65	AV
Vertical	11000.135	60.63	-8.40	52.23	68.2	-15.97	PK
Vertical	11000.135	49.05	-8.40	40.65	54	-13.35	AV
Vertical	16500.017	60.13	-6.09	54.04	74	-19.96	PK
Vertical	16500.017	49.51	-6.09	43.42	54	-10.58	AV
Horizontal	4434.111	70.81	-20.73	50.08	68.2	-18.12	PK
Horizontal	4434.111	59.41	-20.73	38.68	54	-15.32	AV
Horizontal	11000.137	62.30	-8.40	53.90	68.2	-14.30	PK
Horizontal	11000.137	49.55	-8.40	41.15	54	-12.85	AV
Horizontal	16500.050	61.53	-6.09	55.44	74	-18.56	PK
Horizontal	16500.050	49.64	-6.09	43.55	54	-10.45	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.057	74.01	-20.42	53.59	74	-20.41	PK
Vertical	4592.057	59.52	-20.42	39.11	54	-14.89	AV
Vertical	11160.088	60.86	-8.53	52.33	68.2	-15.87	PK
Vertical	11160.088	49.99	-8.53	41.46	54	-12.54	AV
Vertical	16740.136	62.40	-5.31	57.09	74	-16.91	PK
Vertical	16740.136	49.89	-5.31	44.58	54	-9.42	AV
Horizontal	4592.102	73.80	-20.42	53.38	74	-20.62	PK
Horizontal	4592.102	59.72	-20.42	39.31	54	-14.69	AV
Horizontal	11160.130	60.12	-8.53	51.59	68.2	-16.61	PK
Horizontal	11160.130	49.86	-8.53	41.33	54	-12.67	AV
Horizontal	16740.007	62.10	-5.31	56.79	74	-17.21	PK
Horizontal	16740.007	49.78	-5.31	44.47	54	-9.53	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.094	73.88	-20.12	53.76	74	-20.24	PK
Vertical	4739.094	59.46	-20.12	39.34	54	-14.66	AV
Vertical	11400.200	60.68	-8.72	51.96	68.2	-16.24	PK
Vertical	11400.200	49.26	-8.72	40.54	54	-13.46	AV
Vertical	17100.008	60.61	-3.92	56.69	74	-17.31	PK
Vertical	17100.008	49.52	-3.92	45.60	54	-8.40	AV
Horizontal	4739.040	71.10	-20.12	50.98	74	-23.02	PK
Horizontal	4739.040	59.52	-20.12	39.40	54	-14.60	AV
Horizontal	11400.112	60.12	-8.72	51.40	68.2	-16.80	PK
Horizontal	11400.112	49.38	-8.72	40.66	54	-13.34	AV
Horizontal	17100.138	62.65	-3.92	58.73	74	-15.27	PK
Horizontal	17100.138	49.28	-3.92	45.36	54	-8.64	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11n-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5510 MHz)-Above 1G							
Vertical	4434.127	64.66	-20.73	43.93	68.2	-24.27	PK
Vertical	4434.127	43.45	-20.73	22.72	54	-31.28	AV
Vertical	11020.096	61.35	-8.42	52.93	68.2	-15.27	PK
Vertical	11020.096	43.42	-8.42	35.00	54	-19.00	AV
Vertical	16530.017	63.08	-5.99	57.09	74	-16.91	PK
Vertical	16530.017	43.54	-5.99	37.55	54	-16.45	AV
Horizontal	4434.015	61.95	-20.73	41.21	74	-32.79	PK
Horizontal	4434.015	43.22	-20.73	22.49	54	-31.51	AV
Horizontal	11020.115	52.36	-8.42	43.94	68.2	-24.26	PK
Horizontal	11020.115	41.35	-8.42	32.93	54	-21.07	AV
Horizontal	16530.199	52.93	-5.99	46.94	74	-27.06	PK
Horizontal	16530.199	44.13	-5.99	38.14	54	-15.86	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.155	64.32	-20.42	43.91	74	-30.09	PK
Vertical	4592.155	43.99	-20.42	23.57	54	-30.43	AV
Vertical	11100.142	64.47	-8.40	56.07	68.2	-12.13	PK
Vertical	11100.142	43.32	-8.40	34.92	54	-19.08	AV
Vertical	16650.175	60.79	-5.60	55.19	74	-18.81	PK
Vertical	16650.175	43.35	-5.60	37.75	54	-16.25	AV
Horizontal	4592.159	64.64	-20.42	44.23	74	-29.77	PK
Horizontal	4592.159	43.12	-20.42	22.70	54	-31.30	AV
Horizontal	11100.197	51.86	-8.40	43.46	68.2	-24.74	PK
Horizontal	11100.197	41.76	-8.40	33.36	54	-20.64	AV
Horizontal	16650.118	53.84	-5.60	48.24	74	-25.76	PK
Horizontal	16650.118	43.62	-5.60	38.02	54	-15.98	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.159	63.56	-20.12	43.43	68.2	-24.77	PK
Vertical	4739.159	43.58	-20.12	23.46	54	-30.54	AV
Vertical	11340.087	60.45	-8.67	51.78	68.2	-16.42	PK
Vertical	11340.087	43.79	-8.67	35.12	54	-18.88	AV
Vertical	17010.054	63.81	-4.41	59.40	74	-14.60	PK
Vertical	17010.054	43.38	-4.41	38.97	54	-15.03	AV
Horizontal	4739.094	64.59	-20.12	44.47	68.2	-23.73	PK
Horizontal	4739.094	43.79	-20.12	23.66	54	-30.34	AV
Horizontal	11340.195	51.79	-8.67	43.12	68.2	-25.08	PK
Horizontal	11340.195	44.33	-8.67	35.66	54	-18.34	AV
Horizontal	17010.148	51.70	-4.41	47.29	74	-26.71	PK
Horizontal	17010.148	42.66	-4.41	38.25	54	-15.75	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.041	73.21	-20.73	52.48	68.2	-15.72	PK
Vertical	4434.041	59.60	-20.73	38.87	54	-15.13	AV
Vertical	11000.174	63.17	-8.40	54.77	68.2	-13.43	PK
Vertical	11000.174	49.38	-8.40	40.98	54	-13.02	AV
Vertical	16500.025	61.68	-6.09	55.59	74	-18.41	PK
Vertical	16500.025	49.33	-6.09	43.24	54	-10.76	AV
Horizontal	4434.167	70.58	-20.73	49.85	68.2	-18.35	PK
Horizontal	4434.167	59.56	-20.73	38.82	54	-15.18	AV
Horizontal	11000.019	62.28	-8.40	53.88	68.2	-14.32	PK
Horizontal	11000.019	49.02	-8.40	40.62	54	-13.38	AV
Horizontal	16500.144	64.79	-6.09	58.70	74	-15.30	PK
Horizontal	16500.144	49.34	-6.09	43.25	54	-10.75	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.066	74.53	-20.42	54.11	74	-19.89	PK
Vertical	4592.066	59.21	-20.42	38.79	54	-15.21	AV
Vertical	11160.160	61.60	-8.53	53.07	68.2	-15.13	PK
Vertical	11160.160	49.77	-8.53	41.24	54	-12.76	AV
Vertical	16740.030	62.12	-5.31	56.81	74	-17.19	PK
Vertical	16740.030	49.24	-5.31	43.93	54	-10.07	AV
Horizontal	4592.081	73.12	-20.42	52.71	74	-21.29	PK
Horizontal	4592.081	59.73	-20.42	39.32	54	-14.68	AV
Horizontal	11160.057	64.03	-8.53	55.50	68.2	-12.70	PK
Horizontal	11160.057	49.07	-8.53	40.54	54	-13.46	AV
Horizontal	16740.144	64.03	-5.31	58.72	74	-15.28	PK
Horizontal	16740.144	49.35	-5.31	44.04	54	-9.96	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.092	72.51	-20.12	52.39	74	-21.61	PK
Vertical	4739.092	59.39	-20.12	39.27	54	-14.73	AV
Vertical	11400.128	61.49	-8.72	52.77	68.2	-15.43	PK
Vertical	11400.128	49.71	-8.72	40.99	54	-13.01	AV
Vertical	17100.014	61.37	-3.92	57.45	74	-16.55	PK
Vertical	17100.014	49.12	-3.92	45.20	54	-8.80	AV
Horizontal	4739.092	72.75	-20.12	52.62	74	-21.38	PK
Horizontal	4739.092	59.18	-20.12	39.06	54	-14.94	AV
Horizontal	11400.059	62.58	-8.72	53.86	68.2	-14.34	PK
Horizontal	11400.059	49.90	-8.72	41.18	54	-12.82	AV
Horizontal	17100.054	64.86	-3.92	60.94	74	-13.06	PK
Horizontal	17100.054	49.39	-3.92	45.47	54	-8.53	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5510 MHz)-Above 1G							
Vertical	4434.143	62.49	-20.73	41.76	68.2	-26.44	PK
Vertical	4434.143	43.66	-20.73	22.93	54	-31.07	AV
Vertical	11020.052	61.19	-8.42	52.77	68.2	-15.43	PK
Vertical	11020.052	43.31	-8.42	34.89	54	-19.11	AV
Vertical	16530.021	61.75	-5.99	55.76	74	-18.24	PK
Vertical	16530.021	43.44	-5.99	37.45	54	-16.55	AV
Horizontal	4434.003	62.39	-20.73	41.66	74	-32.34	PK
Horizontal	4434.003	43.59	-20.73	22.86	54	-31.14	AV
Horizontal	11020.168	52.29	-8.42	43.87	68.2	-24.33	PK
Horizontal	11020.168	43.69	-8.42	35.27	54	-18.73	AV
Horizontal	16530.132	54.86	-5.99	48.87	74	-25.13	PK
Horizontal	16530.132	40.30	-5.99	34.31	54	-19.69	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.099	64.04	-20.42	43.62	74	-30.38	PK
Vertical	4592.099	43.03	-20.42	22.61	54	-31.39	AV
Vertical	11100.156	62.45	-8.40	54.05	68.2	-14.15	PK
Vertical	11100.156	43.87	-8.40	35.47	54	-18.53	AV
Vertical	16650.170	62.87	-5.60	57.27	74	-16.73	PK
Vertical	16650.170	43.34	-5.60	37.74	54	-16.26	AV
Horizontal	4592.085	61.43	-20.42	41.01	74	-32.99	PK
Horizontal	4592.085	43.11	-20.42	22.70	54	-31.30	AV
Horizontal	11100.140	54.47	-8.40	46.07	68.2	-22.13	PK
Horizontal	11100.140	43.92	-8.40	35.52	54	-18.48	AV
Horizontal	16650.105	50.90	-5.60	45.30	74	-28.70	PK
Horizontal	16650.105	40.57	-5.60	34.97	54	-19.03	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.194	61.13	-20.12	41.01	68.2	-27.19	PK
Vertical	4739.194	43.20	-20.12	23.08	54	-30.92	AV
Vertical	11340.154	61.57	-8.67	52.90	68.2	-15.30	PK
Vertical	11340.154	43.40	-8.67	34.73	54	-19.27	AV
Vertical	17010.108	61.57	-4.41	57.16	74	-16.84	PK
Vertical	17010.108	43.21	-4.41	38.80	54	-15.20	AV
Horizontal	4739.127	61.66	-20.12	41.54	68.2	-26.66	PK
Horizontal	4739.127	43.25	-20.12	23.13	54	-30.87	AV
Horizontal	11340.027	51.55	-8.67	42.88	68.2	-25.32	PK
Horizontal	11340.027	44.06	-8.67	35.39	54	-18.61	AV
Horizontal	17010.174	53.20	-4.41	48.79	74	-25.21	PK
Horizontal	17010.174	40.67	-4.41	36.26	54	-17.74	AV

Note: PK value is lower than the Average value limit, So average didn't record.
The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.
Emission level (dBuV/m) = 20 log Emission level (uV/m).
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Test Mode is MIMO Mode.

Test Mode:	TX(5.6G) - 802.11ac-HT80
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
(5530 MHz)-Above 1G							
Vertical	4434.149	60.37	-20.73	39.64	68.2	-28.56	PK
Vertical	4434.149	43.29	-20.73	22.56	54	-31.44	AV
Vertical	11060.122	62.79	-8.45	54.34	68.2	-13.86	PK
Vertical	11060.122	43.85	-8.45	35.40	54	-18.60	AV
Vertical	16590.127	64.23	-5.79	58.44	74	-15.56	PK
Vertical	16590.127	43.55	-5.79	37.76	54	-16.24	AV
Horizontal	4434.172	64.44	-20.73	43.70	68.2	-24.50	PK
Horizontal	4434.172	43.64	-20.73	22.91	54	-31.09	AV
Horizontal	11060.048	52.65	-8.45	44.20	68.2	-24.00	PK
Horizontal	11060.048	42.89	-8.45	34.44	54	-19.56	AV
Horizontal	16590.158	53.31	-5.79	47.52	74	-26.48	PK
Horizontal	16590.158	42.87	-5.79	37.08	54	-16.92	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.8G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.016	72.90	-20.24	52.66	74	-21.34	PK
Vertical	4679.016	59.15	-20.24	38.91	54	-15.09	AV
Vertical	11490.046	64.89	-8.79	56.10	68.2	-12.10	PK
Vertical	11490.046	49.68	-8.79	40.89	54	-13.11	AV
Vertical	17235.019	57.87	-3.18	54.69	68.2	-13.51	PK
Vertical	17235.019	44.49	-3.18	41.31	54	-12.69	AV
Horizontal	4679.199	73.01	-20.73	52.28	74	-21.72	PK
Horizontal	4679.199	59.79	-20.73	39.06	54	-14.94	AV
Horizontal	11490.066	61.07	-8.79	52.28	68.2	-15.92	PK
Horizontal	11490.066	49.67	-8.79	40.88	54	-13.12	AV
Horizontal	17235.115	57.85	-3.18	54.67	68.2	-13.53	PK
Horizontal	17235.115	44.10	-3.18	40.92	54	-13.08	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.173	72.18	-20.42	51.76	74	-22.24	PK
Vertical	4592.173	59.10	-20.42	38.69	54	-15.31	AV
Vertical	11570.102	64.82	-8.86	55.96	68.2	-12.24	PK
Vertical	11570.102	49.90	-8.86	41.04	54	-12.96	AV
Vertical	17355.147	57.87	-2.52	55.35	68.2	-12.85	PK
Vertical	17355.147	44.55	-2.52	42.03	54	-11.97	AV
Horizontal	4592.118	74.89	-20.42	54.47	74	-19.53	PK
Horizontal	4592.118	59.89	-20.42	39.48	54	-14.52	AV
Horizontal	11570.020	62.66	-8.86	53.80	68.2	-14.40	PK
Horizontal	11570.020	49.70	-8.86	40.84	54	-13.16	AV
Horizontal	17355.115	55.71	-2.52	53.19	68.2	-15.01	PK
Horizontal	17355.115	44.25	-2.52	41.73	54	-12.27	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.011	70.94	-18.93	52.00	68.2	-16.20	PK
Vertical	6039.011	59.16	-18.93	40.23	54	-13.77	AV
Vertical	11650.111	61.09	-8.92	52.17	74	-21.83	PK
Vertical	11650.111	49.08	-8.92	40.16	54	-13.84	AV
Vertical	17475.171	59.51	-1.86	57.65	68.2	-10.55	PK
Vertical	17475.171	44.72	-1.86	42.86	54	-11.14	AV
Horizontal	6039.102	73.96	-18.93	55.03	68.2	-13.17	PK
Horizontal	6039.102	59.65	-18.93	40.72	54	-13.28	AV
Horizontal	11650.107	61.70	-8.92	52.78	74	-21.22	PK
Horizontal	11650.107	49.99	-8.92	41.07	54	-12.93	AV
Horizontal	17475.161	59.05	-1.86	57.19	68.2	-11.01	PK
Horizontal	17475.161	44.21	-1.86	42.35	54	-11.65	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

The worst case is Antenna A.

Test Mode: TX(5.8G) - 802.11n-HT20

Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.032	70.06	-20.24	49.82	74	-24.18	PK
Vertical	4679.032	60.00	-20.24	39.76	54	-14.24	AV
Vertical	11490.083	60.98	-8.79	52.19	68.2	-16.01	PK
Vertical	11490.083	49.71	-8.79	40.92	54	-13.08	AV
Vertical	17235.137	55.64	-3.18	52.46	68.2	-15.74	PK
Vertical	17235.137	44.50	-3.18	41.32	54	-12.68	AV
Horizontal	4679.147	74.27	-20.24	54.03	74	-19.97	PK
Horizontal	4679.147	59.35	-20.24	39.11	54	-14.89	AV
Horizontal	11490.183	60.39	-8.79	51.60	68.2	-16.60	PK
Horizontal	11490.183	49.60	-8.79	40.81	54	-13.19	AV
Horizontal	17235.027	58.41	-3.18	55.23	68.2	-12.97	PK
Horizontal	17235.027	44.56	-3.18	41.38	54	-12.62	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.030	72.20	-20.42	51.79	74	-22.21	PK
Vertical	4592.030	59.11	-20.42	38.69	54	-15.31	AV
Vertical	11570.112	60.73	-8.86	51.87	68.2	-16.33	PK
Vertical	11570.112	49.54	-8.86	40.68	54	-13.32	AV
Vertical	17355.017	55.04	-2.52	52.52	68.2	-15.68	PK
Vertical	17355.017	44.63	-2.52	42.11	54	-11.89	AV
Horizontal	4592.052	72.91	-20.42	52.49	74	-21.51	PK
Horizontal	4592.052	59.12	-20.42	38.70	54	-15.30	AV
Horizontal	11570.014	61.61	-8.86	52.75	68.2	-15.45	PK
Horizontal	11570.014	49.08	-8.86	40.22	54	-13.78	AV
Horizontal	17355.066	55.24	-2.52	52.72	68.2	-15.48	PK
Horizontal	17355.066	44.55	-2.52	42.03	54	-11.97	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.022	71.95	-18.93	53.01	68.2	-15.19	PK
Vertical	6039.022	59.99	-18.93	41.05	54	-12.95	AV
Vertical	11650.107	64.69	-8.92	55.77	74	-18.23	PK
Vertical	11650.107	49.48	-8.92	40.56	54	-13.44	AV
Vertical	17475.082	55.41	-1.86	53.55	68.2	-14.65	PK
Vertical	17475.082	44.20	-1.86	42.34	54	-11.66	AV
Horizontal	6039.148	74.26	-18.93	55.33	68.2	-12.87	PK
Horizontal	6039.148	59.41	-18.93	40.48	54	-13.52	AV
Horizontal	11650.040	64.56	-8.92	55.64	74	-18.36	PK
Horizontal	11650.040	49.60	-8.92	40.68	54	-13.32	AV
Horizontal	17475.078	58.00	-1.86	56.14	68.2	-12.06	PK
Horizontal	17475.078	44.52	-1.86	42.66	54	-11.34	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.8G) - 802.11n-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.015	72.24	-20.24	52.00	74	-22.00	PK
Vertical	4679.015	59.79	-20.24	39.55	54	-14.45	AV
Vertical	11510.180	63.40	-8.81	54.59	74	-19.41	PK
Vertical	11510.180	49.42	-8.81	40.61	54	-13.39	AV
Vertical	17265.045	55.35	-3.01	52.34	68.2	-15.86	PK
Vertical	17265.045	44.55	-3.01	41.54	54	-12.46	AV
Horizontal	4679.176	71.92	-20.24	51.68	74	-22.32	PK
Horizontal	4679.176	59.33	-20.24	39.09	54	-14.91	AV
Horizontal	11510.113	61.03	-8.81	52.22	74	-21.78	PK
Horizontal	11510.113	49.58	-8.81	40.77	54	-13.23	AV
Horizontal	17265.130	56.41	-3.01	53.40	68.2	-14.80	PK
Horizontal	17265.130	44.13	-3.01	41.12	54	-12.88	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.184	71.68	-18.93	52.75	68.2	-15.45	PK
Vertical	6039.184	59.50	-18.93	40.57	54	-13.43	AV
Vertical	11590.081	62.44	-8.87	53.57	74	-20.43	PK
Vertical	11590.081	49.73	-8.87	40.86	54	-13.14	AV
Vertical	17385.002	58.83	-2.35	56.48	68.2	-11.72	PK
Vertical	17385.002	44.96	-2.35	42.61	54	-11.39	AV
Horizontal	6039.005	74.70	-18.93	55.77	68.2	-12.43	PK
Horizontal	6039.005	59.93	-18.93	40.99	54	-13.01	AV
Horizontal	11590.182	62.92	-8.87	54.05	74	-19.95	PK
Horizontal	11590.182	49.84	-8.87	40.97	54	-13.03	AV
Horizontal	17385.118	55.04	-2.35	52.69	68.2	-15.51	PK
Horizontal	17385.118	44.51	-2.35	42.16	54	-11.84	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.8G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.007	70.77	-20.24	50.53	74	-23.47	PK
Vertical	4679.007	59.77	-20.24	39.53	54	-14.47	AV
Vertical	11490.030	62.15	-8.79	53.36	68.2	-14.84	PK
Vertical	11490.030	49.26	-8.79	40.47	54	-13.53	AV
Vertical	17235.148	56.12	-3.18	52.94	68.2	-15.26	PK
Vertical	17235.148	44.38	-3.18	41.20	54	-12.80	AV
Horizontal	4679.040	74.16	-20.24	53.92	74	-20.08	PK
Horizontal	4679.040	59.14	-20.24	38.90	54	-15.10	AV
Horizontal	11490.084	62.44	-8.79	53.65	68.2	-14.55	PK
Horizontal	11490.084	49.25	-8.79	40.46	54	-13.54	AV
Horizontal	17235.149	59.53	-3.18	56.35	68.2	-11.85	PK
Horizontal	17235.149	44.65	-3.18	41.47	54	-12.53	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.179	72.63	-20.42	52.21	74	-21.79	PK
Vertical	4592.179	59.78	-20.42	39.37	54	-14.63	AV
Vertical	11570.034	61.70	-8.86	52.84	68.2	-15.36	PK
Vertical	11570.034	49.66	-8.86	40.80	54	-13.20	AV
Vertical	17355.107	57.77	-2.52	55.25	68.2	-12.95	PK
Vertical	17355.107	44.02	-2.52	41.50	54	-12.50	AV
Horizontal	4592.134	71.55	-20.42	51.13	74	-22.87	PK
Horizontal	4592.134	59.08	-20.42	38.67	54	-15.33	AV
Horizontal	11570.109	64.10	-8.86	55.24	68.2	-12.96	PK
Horizontal	11570.109	49.19	-8.86	40.33	54	-13.67	AV
Horizontal	17355.180	57.96	-2.52	55.44	68.2	-12.76	PK
Horizontal	17355.180	44.38	-2.52	41.86	54	-12.14	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.019	70.95	-18.93	52.01	68.2	-16.19	PK
Vertical	6039.019	59.50	-18.93	40.57	54	-13.43	AV
Vertical	11650.120	63.96	-8.92	55.04	74	-18.96	PK
Vertical	11650.120	49.03	-8.92	40.11	54	-13.89	AV
Vertical	17475.061	56.35	-1.86	54.49	68.2	-13.71	PK
Vertical	17475.061	44.28	-1.86	42.42	54	-11.58	AV
Horizontal	6039.013	71.24	-18.93	52.31	68.2	-15.89	PK
Horizontal	6039.013	59.73	-18.93	40.79	54	-13.21	AV
Horizontal	11650.095	63.92	-8.92	55.00	74	-19.00	PK
Horizontal	11650.095	49.21	-8.92	40.29	54	-13.71	AV
Horizontal	17475.181	55.17	-1.86	53.31	68.2	-14.89	PK
Horizontal	17475.181	44.70	-1.86	42.84	54	-11.16	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.8G) - 802.11ac-HT40
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.074	74.86	-20.24	54.61	74	-19.39	PK
Vertical	4679.074	59.19	-20.24	38.95	54	-15.05	AV
Vertical	11510.144	63.23	-8.81	54.42	74	-19.58	PK
Vertical	11510.144	49.11	-8.81	40.30	54	-13.70	AV
Vertical	17265.066	59.17	-3.01	56.16	68.2	-12.04	PK
Vertical	17265.066	44.50	-3.01	41.49	54	-12.51	AV
Horizontal	4679.020	71.98	-20.24	51.73	74	-22.27	PK
Horizontal	4679.020	59.99	-20.24	39.75	54	-14.25	AV
Horizontal	11510.126	62.35	-8.81	53.54	74	-20.46	PK
Horizontal	11510.126	49.95	-8.81	41.14	54	-12.86	AV
Horizontal	17265.182	59.36	-3.01	56.35	68.2	-11.85	PK
Horizontal	17265.182	44.45	-3.01	41.44	54	-12.56	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.198	73.97	-18.93	55.04	68.2	-13.16	PK
Vertical	6039.198	59.99	-18.93	41.06	54	-12.94	AV
Vertical	11590.114	62.66	-8.87	53.79	74	-20.21	PK
Vertical	11590.114	49.38	-8.87	40.51	54	-13.49	AV
Vertical	17385.061	55.16	-2.35	52.81	68.2	-15.39	PK
Vertical	17385.061	44.38	-2.35	42.03	54	-11.97	AV
Horizontal	6039.078	72.60	-18.93	53.67	68.2	-14.53	PK
Horizontal	6039.078	59.93	-18.93	41.00	54	-13.00	AV
Horizontal	11590.148	60.65	-8.87	51.78	74	-22.22	PK
Horizontal	11590.148	49.42	-8.87	40.55	54	-13.45	AV
Horizontal	17385.017	58.22	-2.35	55.87	68.2	-12.33	PK
Horizontal	17385.017	44.54	-2.35	42.19	54	-11.81	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

Test Mode:	TX(5.8G) - 802.11ac-HT80
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
(5775 MHz)-Above 1G							
Vertical	4679.021	73.12	-20.24	52.87	74	-21.13	PK
Vertical	4679.021	59.42	-20.24	39.18	54	-14.82	AV
Vertical	11550.189	63.31	-8.84	54.47	74	-19.53	PK
Vertical	11550.189	49.75	-8.84	40.91	54	-13.09	AV
Vertical	17325.002	59.56	-2.68	56.88	68.2	-11.32	PK
Vertical	17325.002	44.15	-2.68	41.47	54	-12.53	AV
Horizontal	4679.023	72.65	-20.24	52.41	74	-21.59	PK
Horizontal	4679.023	59.94	-20.24	39.70	54	-14.30	AV
Horizontal	11550.039	63.82	-8.84	54.98	74	-19.02	PK
Horizontal	11550.039	49.61	-8.84	40.77	54	-13.23	AV
Horizontal	17325.062	59.63	-2.68	56.95	68.2	-11.25	PK
Horizontal	17325.062	44.17	-2.68	41.49	54	-12.51	AV

Note: PK value is lower than the Average value limit, So average didn't record.

The 26.5-40G amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Test Mode is MIMO Mode.

8. Power Spectral Density Test

8.1 Block Diagram Of Test Setup



8.2 Limit

For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) 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. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(b) (2) The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.3 Test Procedure

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.I.a).
- b) Set $VBW \geq 3 RBW$.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ KHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10\log(1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since $RBW=100 \text{ KHz}$ is available on nearly all spectrum analyzers.

8.4 EUT Operating Conditions

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

8.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	(5180-5240MHz)		

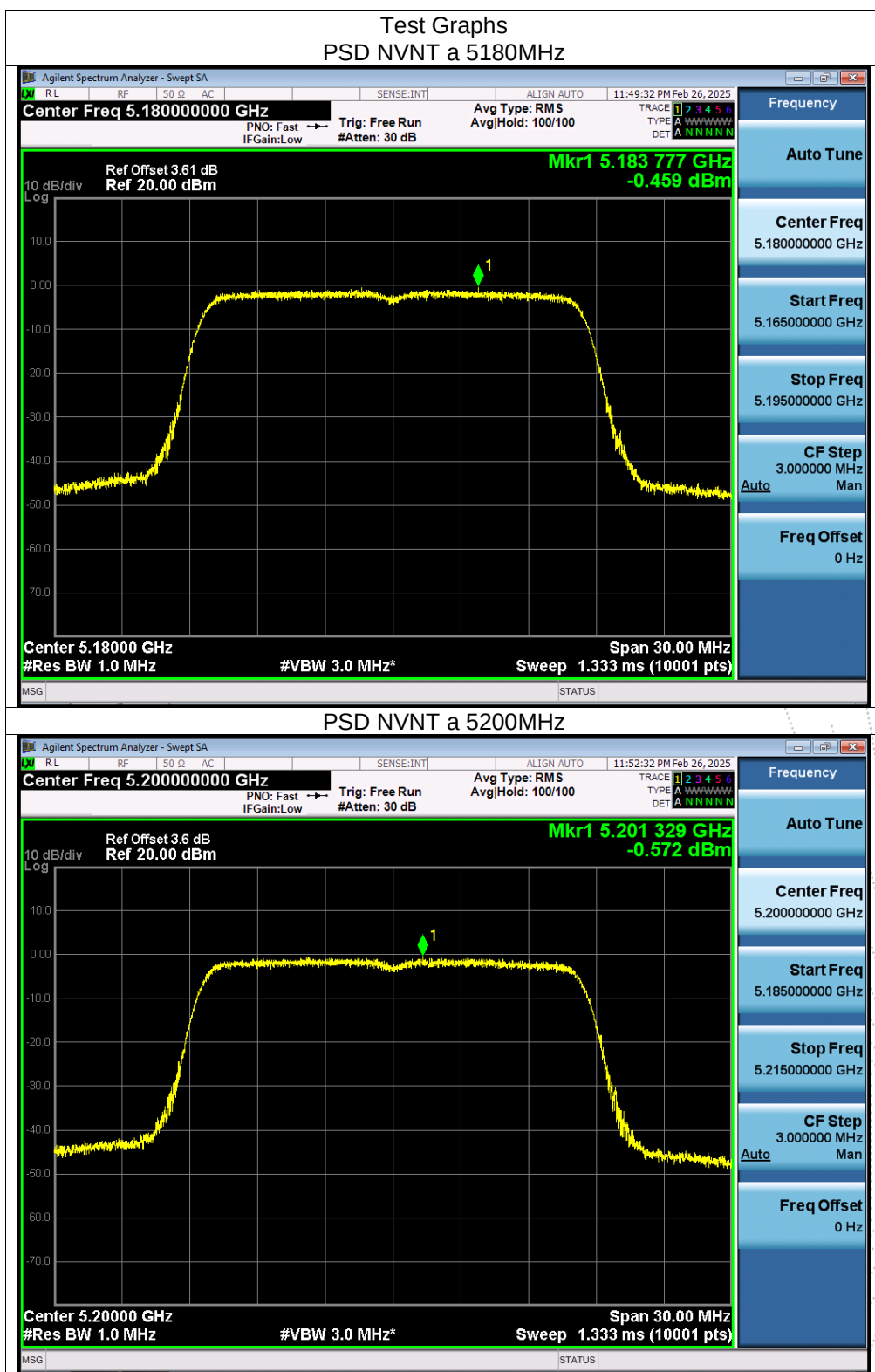
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5180	-2.28	-0.46	/	11	Pass
NVNT	a	5200	-1.99	-0.57	/	11	Pass
NVNT	a	5240	-1.67	-1.24	/	11	Pass
NVNT	n20	5180	-3.89	-1.74	0.33	10.01	Pass
NVNT	n20	5200	-3.26	-1.93	0.47	10.01	Pass
NVNT	n20	5240	-2.89	-2.27	0.44	10.01	Pass
NVNT	n40	5190	-6.7	-5.01	-2.76	10.01	Pass
NVNT	n40	5230	-6.79	-5.76	-3.23	10.01	Pass
NVNT	ac20	5180	-3.76	-1.79	0.35	10.01	Pass
NVNT	ac20	5200	-3.32	-1.77	0.53	10.01	Pass
NVNT	ac20	5240	-3.14	-2.1	0.42	10.01	Pass
NVNT	ac40	5190	-6.88	-4.85	-2.74	10.01	Pass
NVNT	ac40	5230	-6.03	-6.13	-3.07	10.01	Pass
NVNT	ac80	5210	-11.37	-10.88	-8.11	10.01	Pass

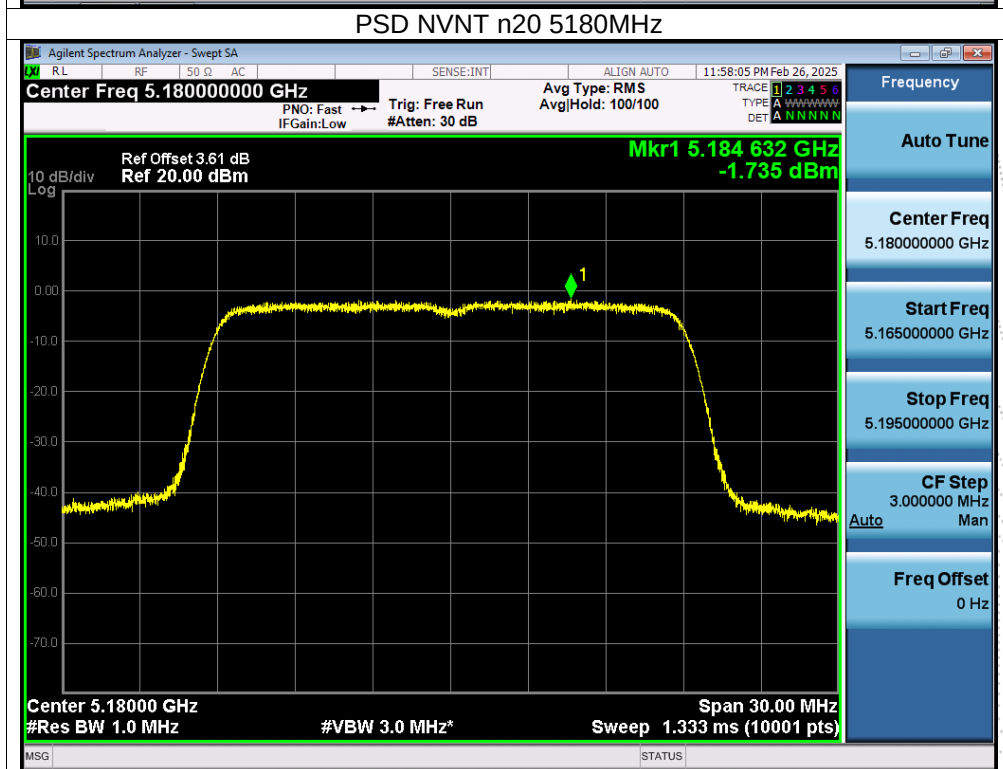
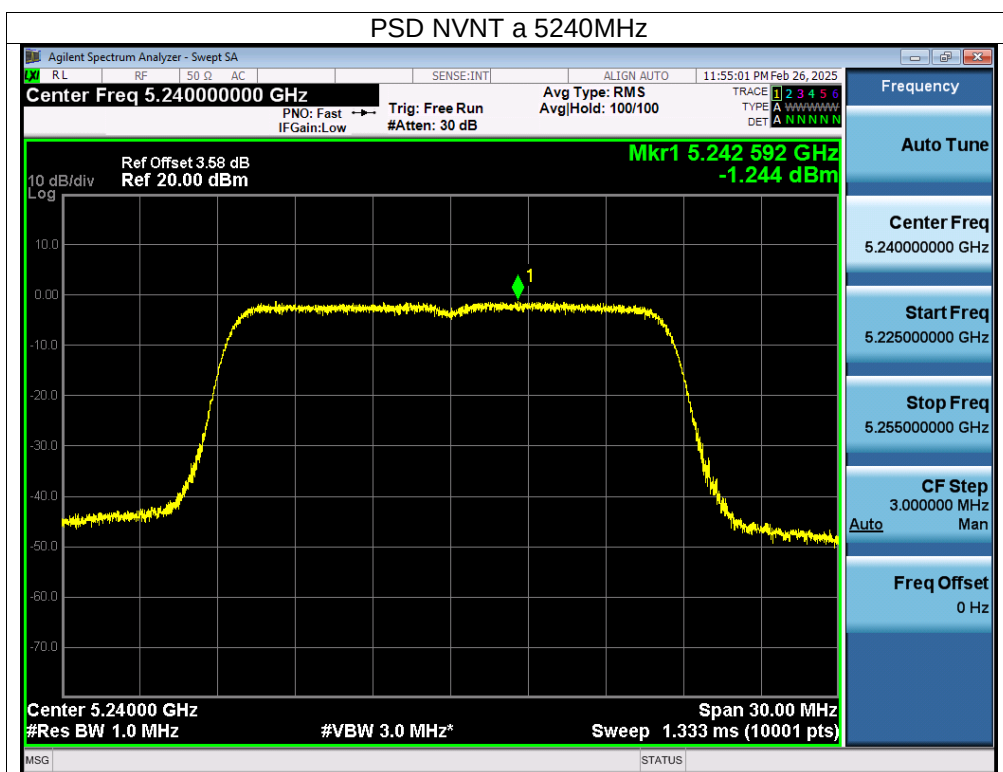
Note:

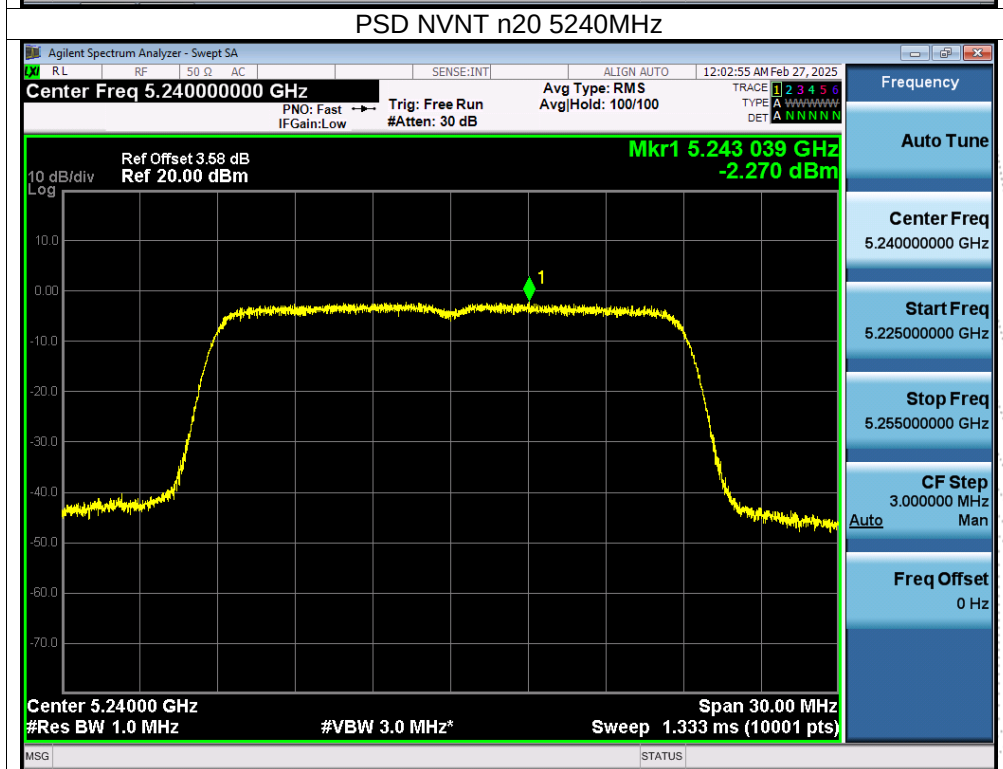
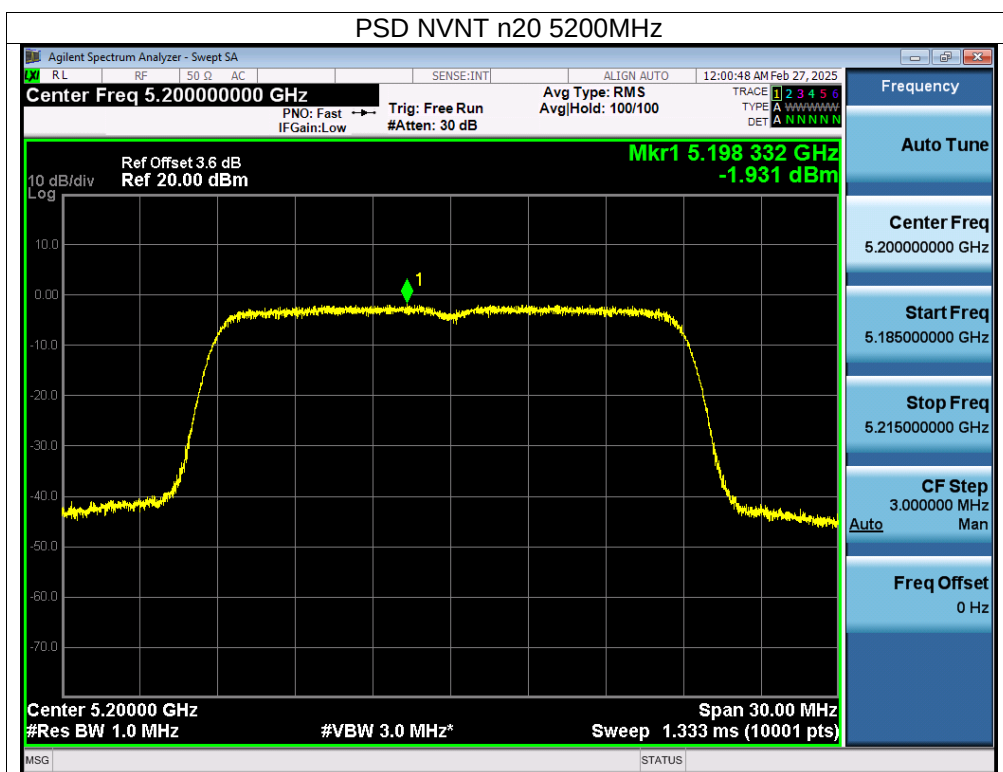
Antenna A gain:3.98 dBi, Antenna B gain: 3.98 dBi, Directional gain=[GainANT + 10 log(NANT/NSS) dBi]
=6.99 dBi>6dBi

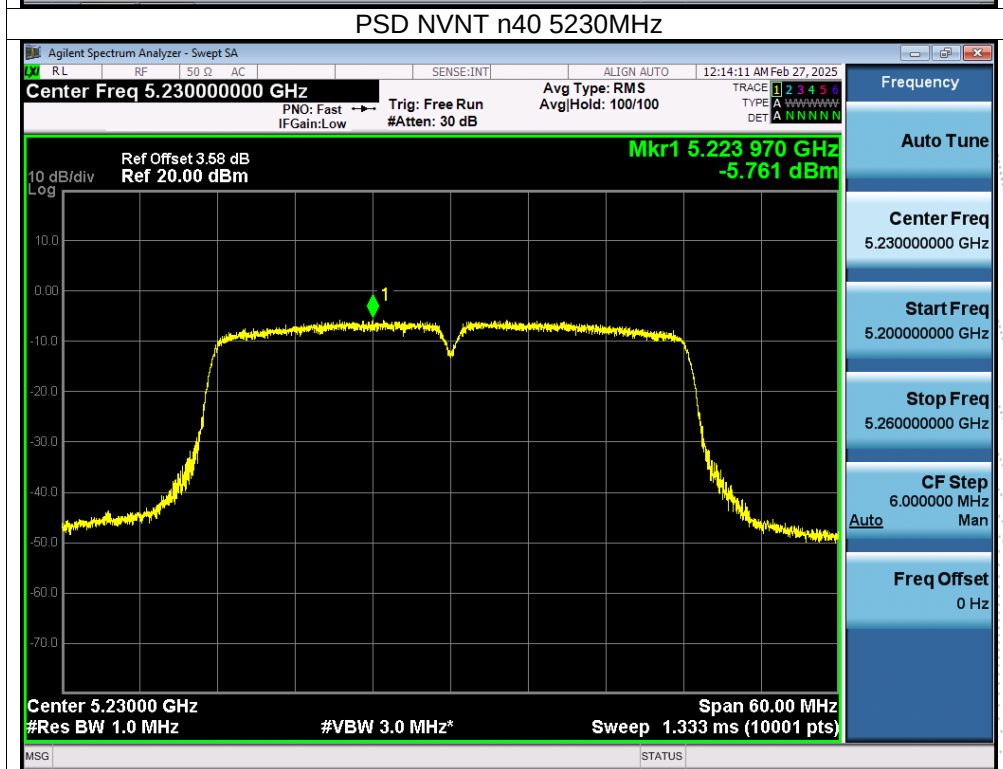
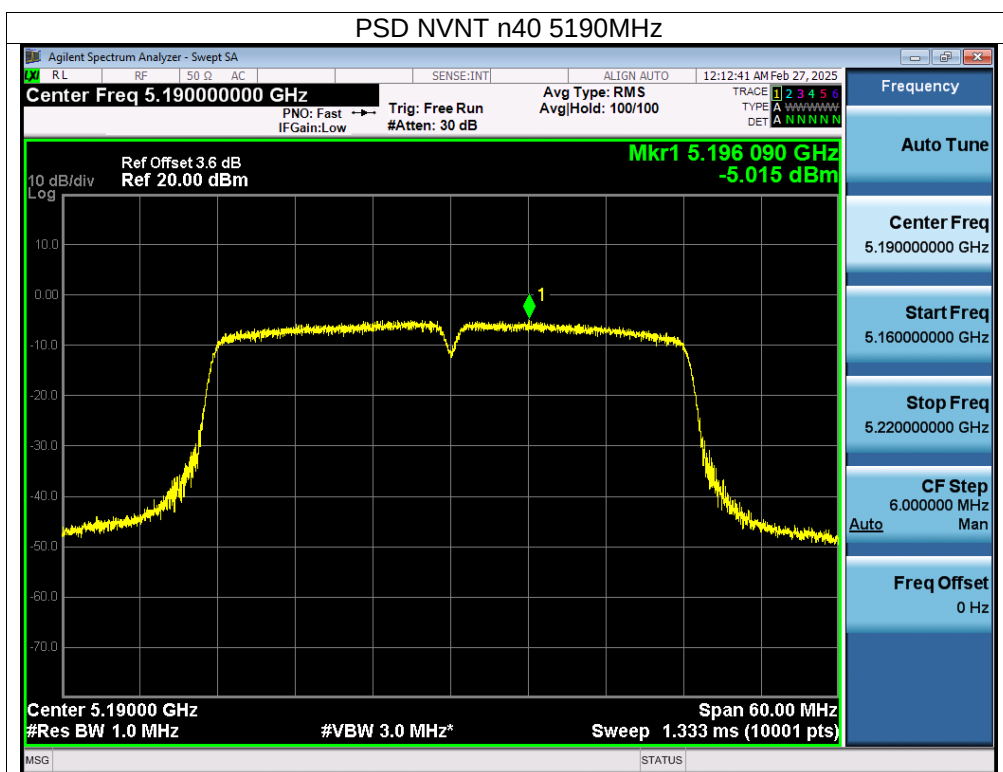
Limit=11-(6.99-6)=10.01 dBi

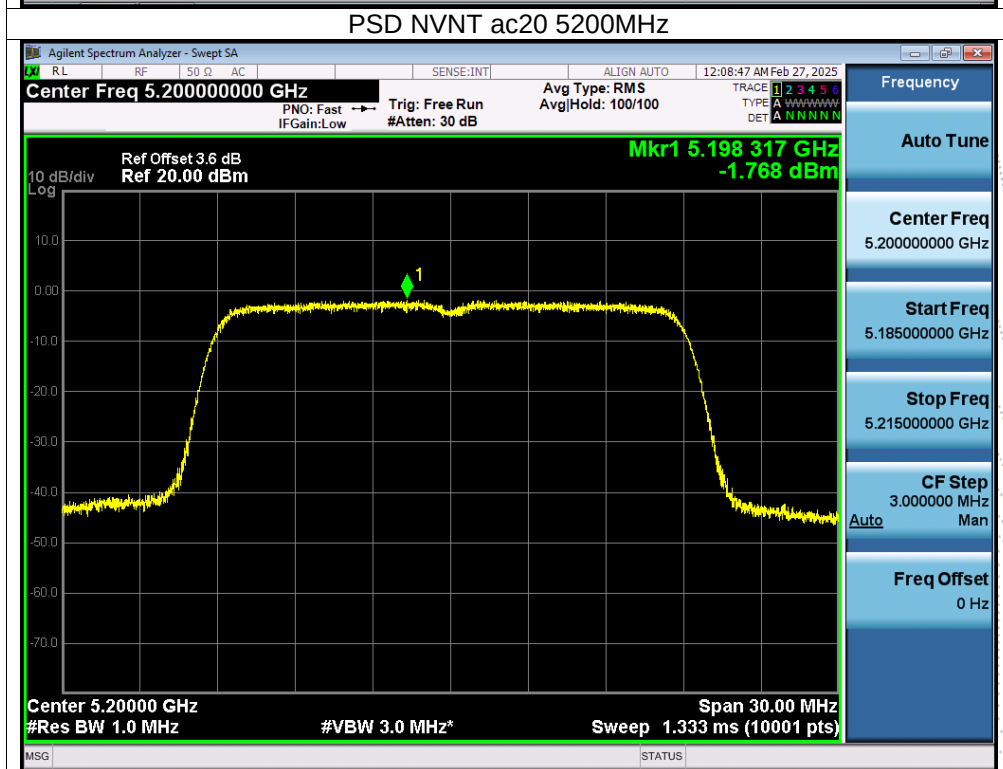
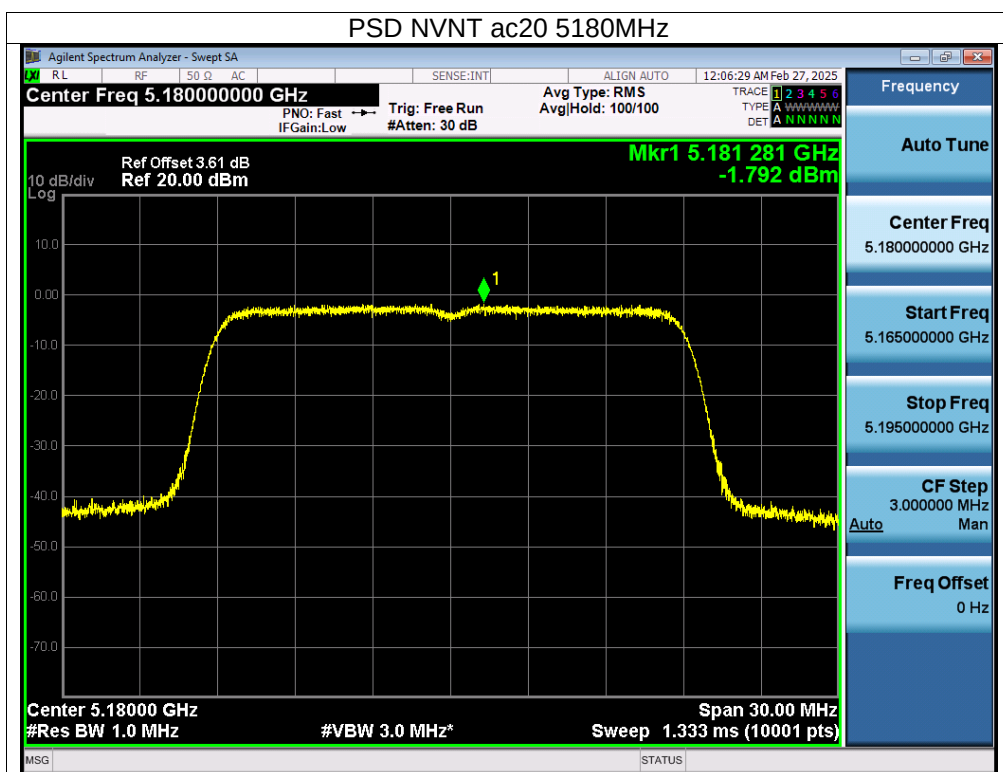
Note: A(B) Represent the value of antenna A and B, The worst data is Antenna B, only shown Antenna B Plot.

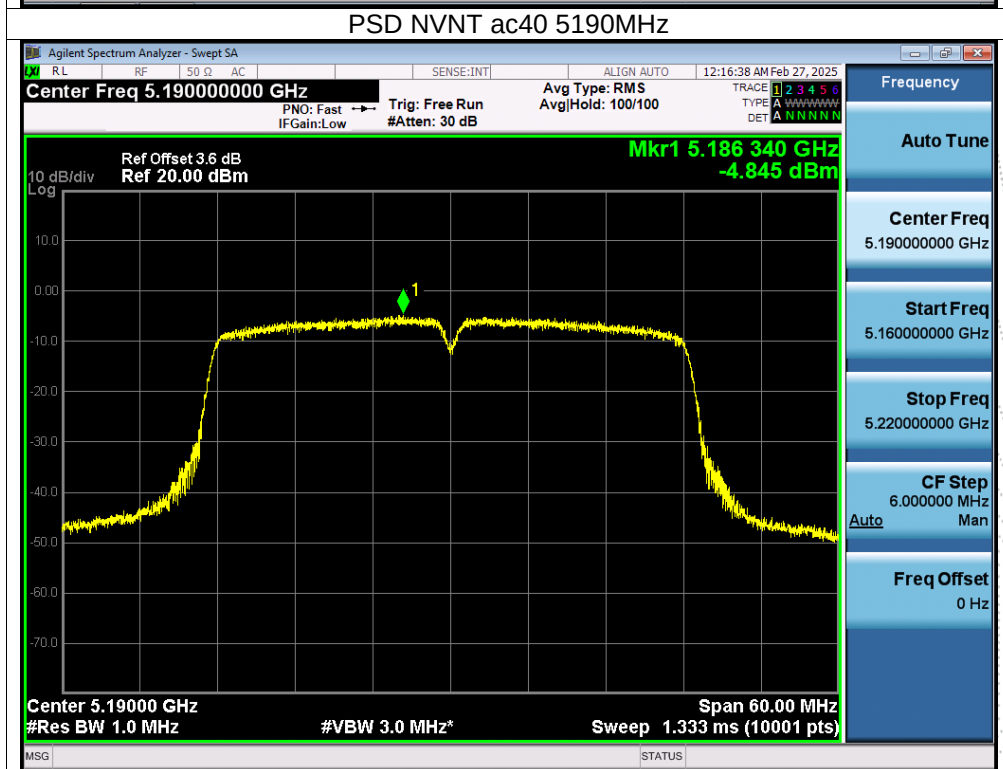
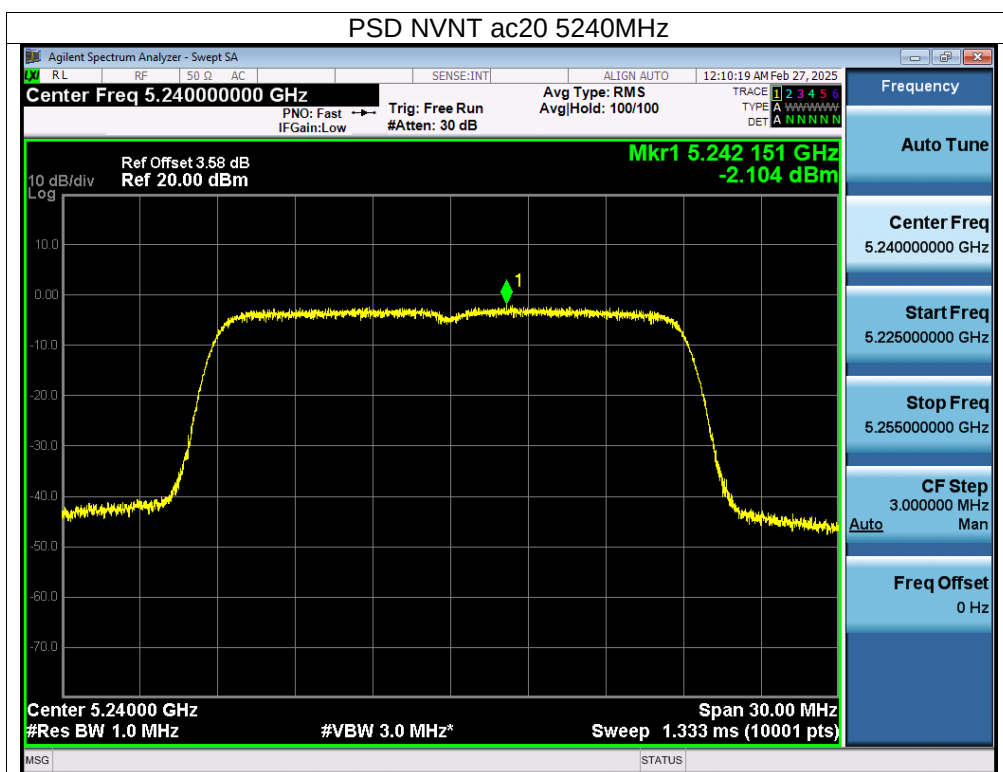


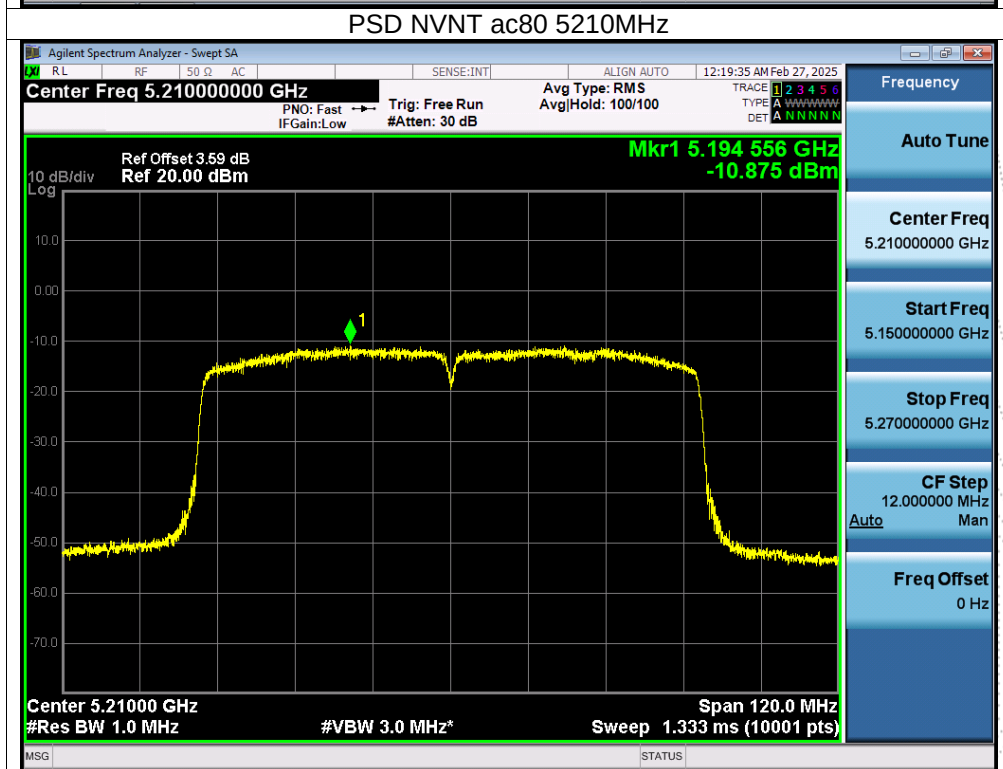
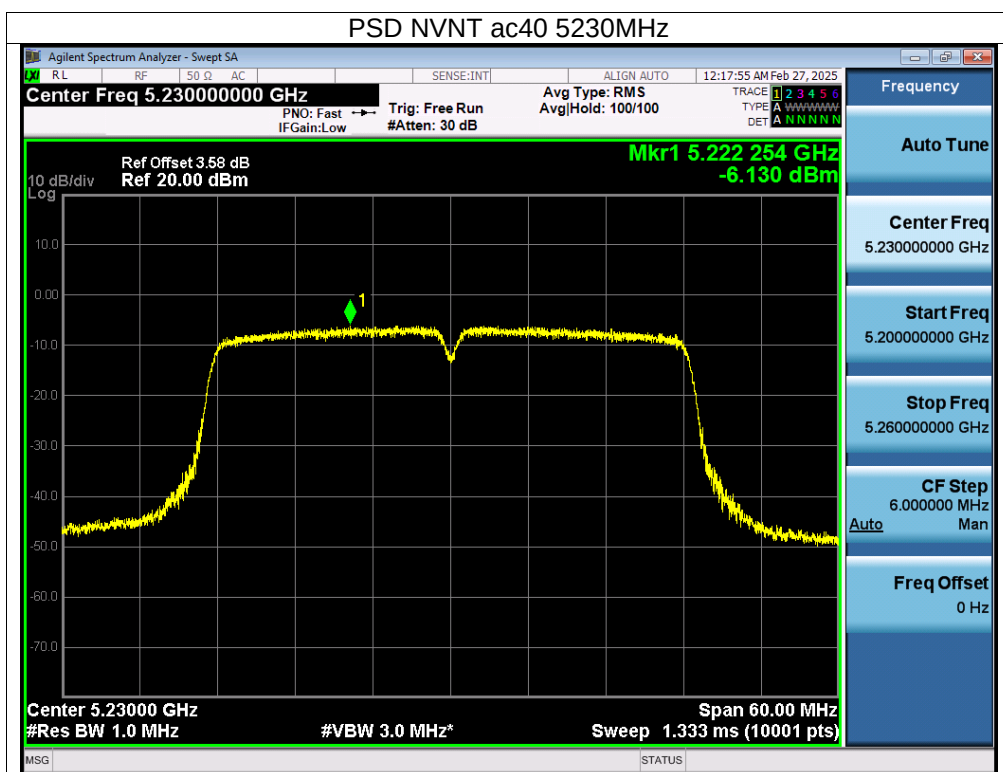












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V/60Hz
Test Mode:	(5260-5320MHz)		

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant A	Ant B	Total		
NVNT	a	5260	-0.92	-2.02	/	11	Pass
NVNT	a	5280	0.02	-1.45	/	11	Pass
NVNT	a	5320	0.03	-1.7	/	11	Pass
NVNT	n20	5260	-2.17	-3.7	0.14	10.01	Pass
NVNT	n20	5280	-1.62	-2.98	0.76	10.01	Pass
NVNT	n20	5320	-1.14	-2.48	1.25	10.01	Pass
NVNT	n40	5270	-5.68	-7.45	-3.47	10.01	Pass
NVNT	n40	5310	-5.33	-7.13	-3.13	10.01	Pass
NVNT	ac20	5260	-2.22	-3.18	0.34	10.01	Pass
NVNT	ac20	5280	-1.62	-3.14	0.70	10.01	Pass
NVNT	ac20	5320	-1.51	-2.68	0.95	10.01	Pass
NVNT	ac40	5270	-5.86	-6.94	-3.36	10.01	Pass
NVNT	ac40	5310	-5.38	-6.35	-2.83	10.01	Pass
NVNT	ac80	5290	-10.36	-11.82	-8.02	10.01	Pass

Note:

Antenna A gain: 3.98 dBi, Antenna B gain: 3.98 dBi, Directional gain=[GainANT + 10 log(NANT/NSS) dBi]
=6.99 dBi>6dBi

Limit=11-(6.99-6)=10.01 dBi

Note: A(B) Represent the value of antenna A and B, The worst data is Antenna A, only shown Antenna A Plot.

