

TEST REPORT

Report No.: BCTC2503937695-4E

Applicant: Hunan China Dragon Technology Co., Ltd.

Product Name: Wi-Fi 11a/b/g/n/ac/ax 1T1R and BT 5.3 Module

Test Model: CDW-61851BE-00

Tested Date: 2025-04-02 to 2025-04-18

Issued Date: 2025-04-21

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2BFLD-61851BE00

Product Name: Wi-Fi 11a/b/g/n/ac/ax 1T1R and BT 5.3 Module

Trademark: N/A

Model/Type reference: CDW-61851BE-00

Prepared For: Hunan China Dragon Technology Co., Ltd.

Address: NO.13, ZIYUAN ROAD, XUESHI STREET, YUELU DISTRICT, CHANGSHA CITY, HUNAN PROVINCE, China

Manufacturer: Hunan China Dragon Technology Co., Ltd.

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Sample Received Date: 2025-04-02

Sample tested Date: 2025-04-02 to 2025-04-18

Issue Date: 2025-04-21

Report No.: BCTC2503937695-4E

Test Standards: CFR 47 FCC Part 15.407
ANSI C63.10:2013

Reference KDB: KDB 789033 D02 v02r01

Test Results: PASS

Tested by:



Lei Chen/Project Handler

Approved by:



Zero Zhou/Reviewer

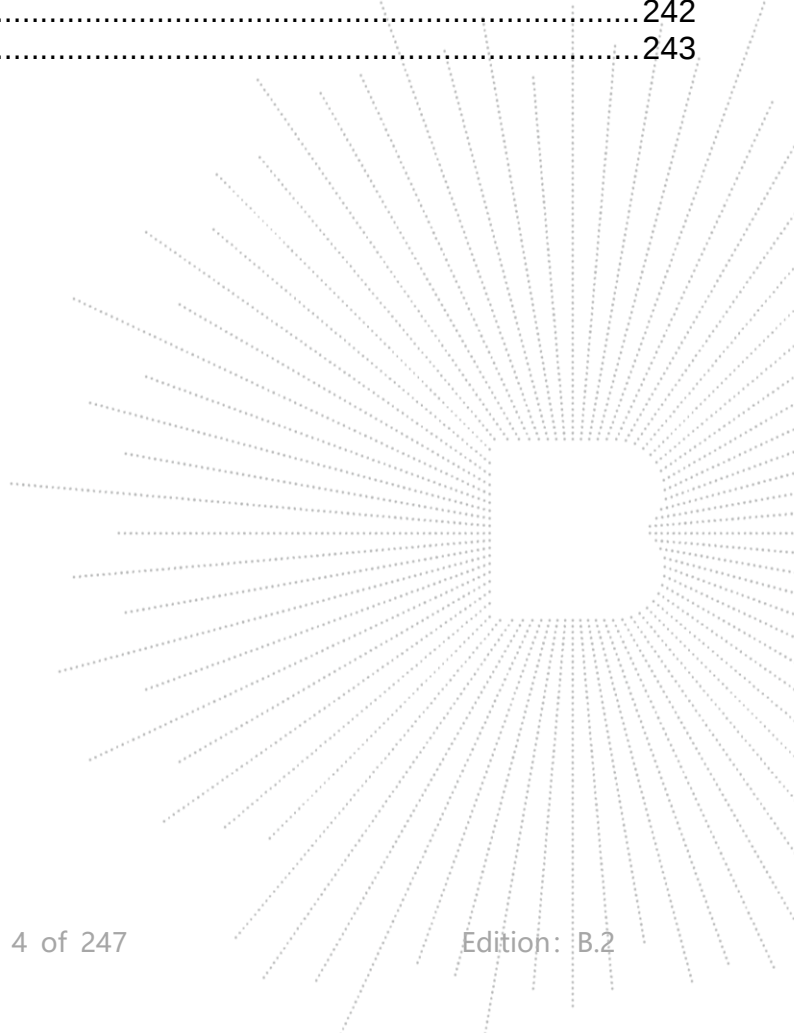
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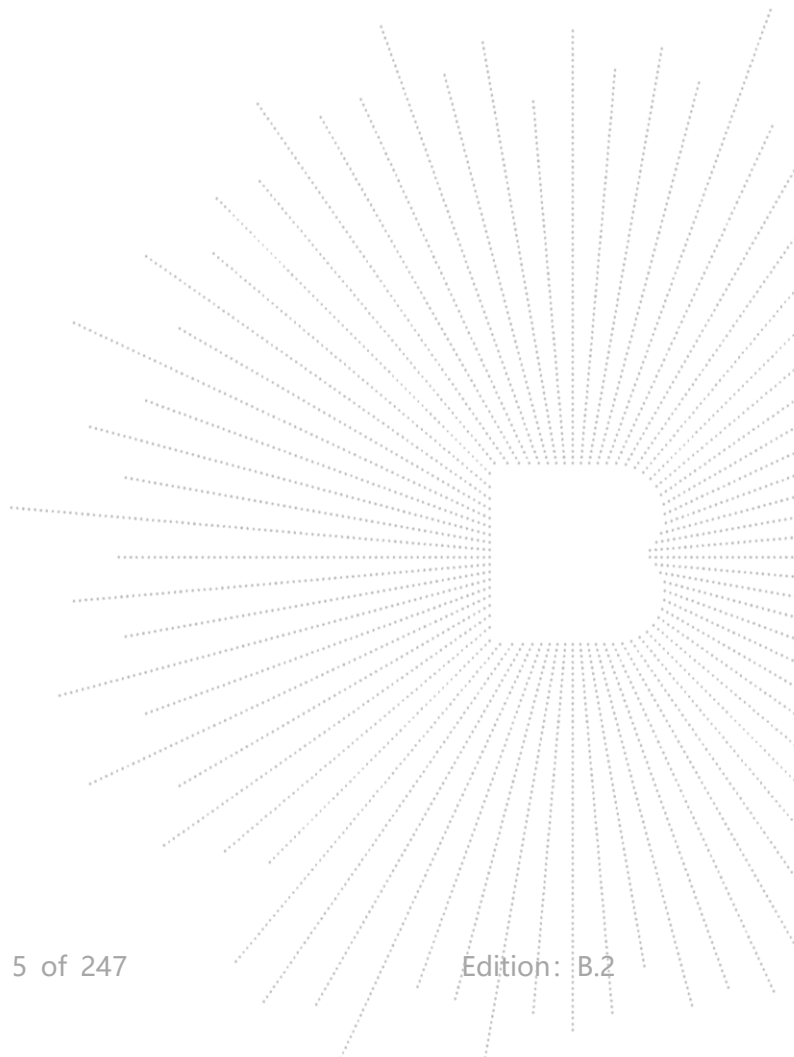
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(Note: N/A Means Not Applicable)



1. Version

Report No.	Issue Date	Description	Approved
BCTC2503937695-4E	2025-04-21	Original	Valid

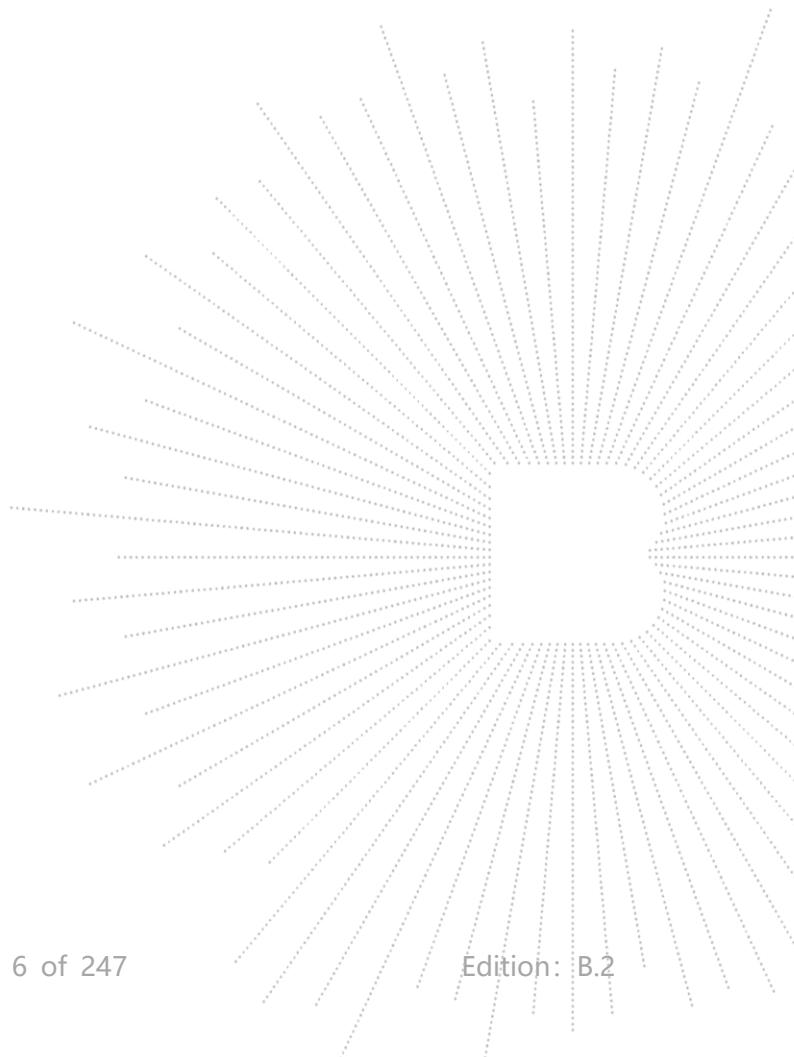


2. Test Summary

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:	CDW-61851BE-00
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported	802.11a/n/ac/ax(20MHz channel bandwidth) 802.11n/ac/ax(40MHz channel bandwidth) 802.11ac/ax(80MHz channel bandwidth) 5180-5240MHz for 802.11a/n20/ac20/ax20; 5190-5230MHz for 802.11n40/ac40/ax40; 5210MHz for 802.11 ac80/ax80; 5260-5320MHz for 802.11a/n20/ac20/ax20; 5270-5310MHz for 802.11n40/ac40/ax40; 5290MHz for 802.11 ac80/ax80; 5745-5825 MHz for 802.11a/n20/ac20/ax20; 5755-5795 MHz for 802.11n40/ac40/ax40; 5775MHz for 802.11 ac80/ax80
Operation Frequency:	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40):MCS0-MCS15; 802.11ac/ax(VHT20): NSS1, MCS0-MCS8 802.11ac/ax(VHT40/VHT80):NSS1, MCS0-MCS9
Data Rate	OFDM/OFDMA
Type of Modulation:	FPC antenna
Antenna installation:	WIFI(5.1GHz): 0.46 dBi WIFI(5.3GHz): -0.46 dBi WIFI(5.8GHz): 2.03 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 3.3V

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	Wi-Fi 11a/b/g/n/ac/ax 1T1R and BT 5.3 Module	---	CDW-61851BE- 00	---	EUT
E-2	PC	---	CK10	---	Auxiliary
E-3	Display	---	U27V5C	---	Auxiliary
E-4	Mouse	---	YU0036	---	Auxiliary
E-5	Keyboard	---	M-U0026	---	Auxiliary

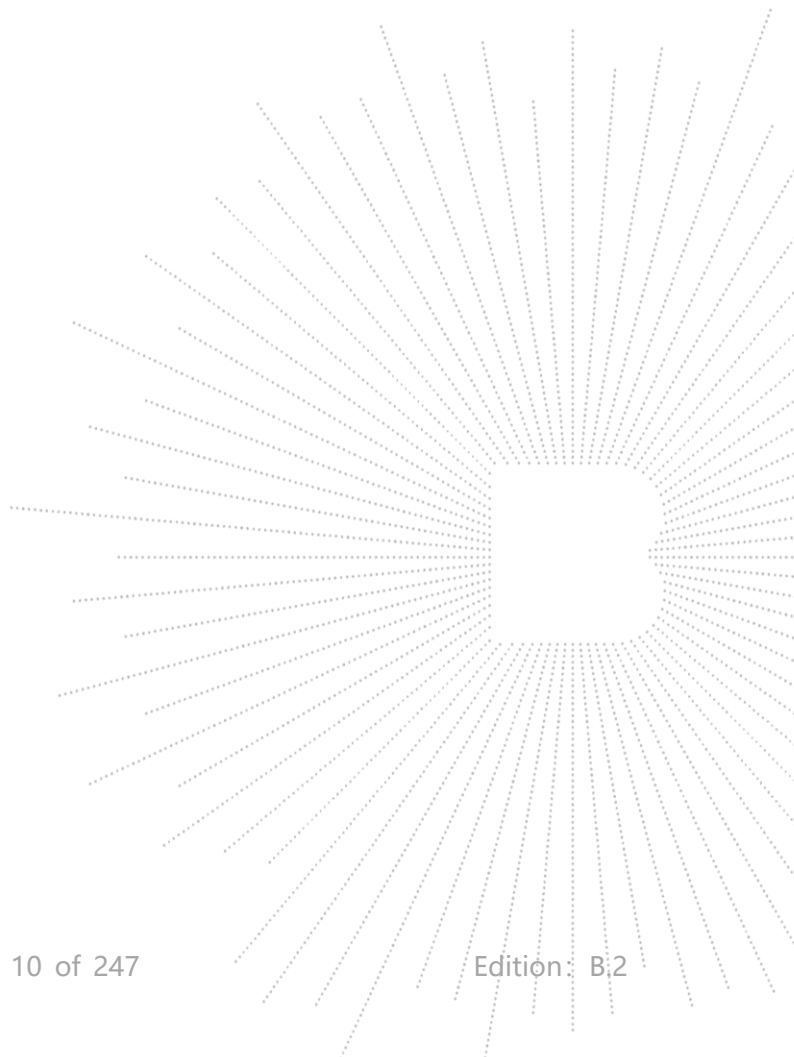
Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	0.5M	HDMI cable

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-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/ax 20 CH36/ CH40/ CH 48 802.11a / n/ ac 20/ax 20 CH52/ CH56/ CH 64 802.11a /n/ ac 20/ax 20 CH149/ CH157/ CH 165
Mode 2	802.11n/ ac40/ax 40 CH38/ CH 46 802.11n/ ac40/ax 40 CH54/ CH 62 802.11n/ ac40/ax 40 CH 151 / CH 159
Mode 3	802.11 ac80/ax 80 CH 42/ CH 58/ CH 155
Mode 4	WIFI Linking (Conducted emission & Radiated emission)

Note:

- (1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
- (2) The product does not support RU mode.

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	AX Series MP Toolkit		
Parameters	DEF	DEF	DEF

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

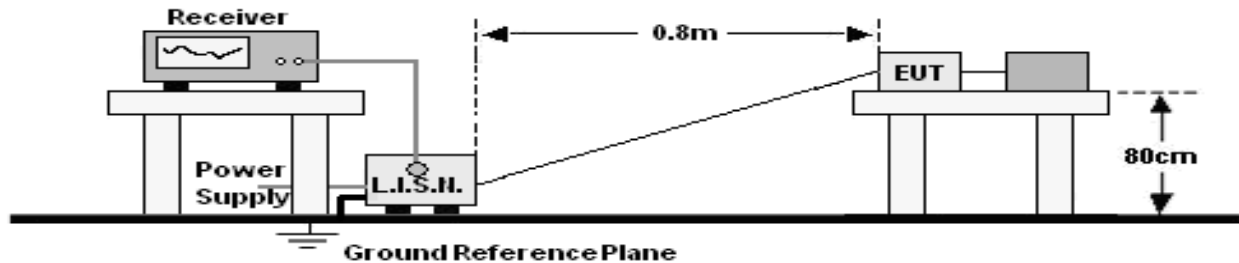
Conducted Emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR	102075	May 16, 2024	May 15, 2025
LISN	R&S	ENV216	101375	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD9561-F	01323	May 16, 2024	May 15, 2025

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 15, 2023	May 14, 2026
Receiver	R&S	ESR	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

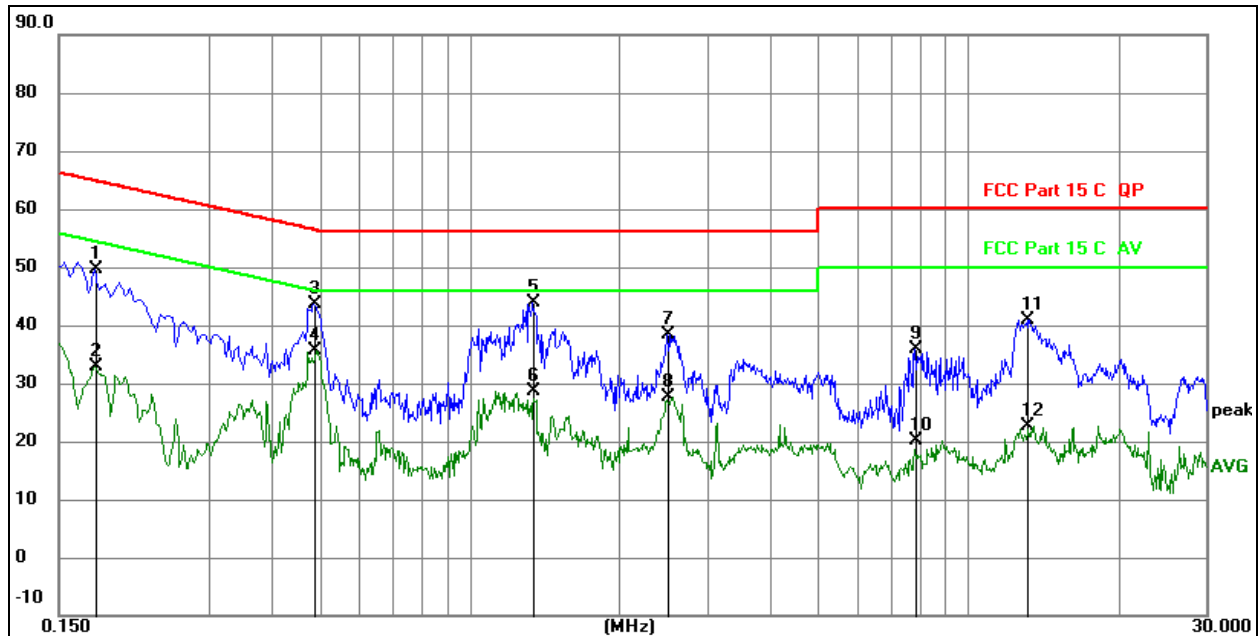
- The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak 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:	24.5 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz

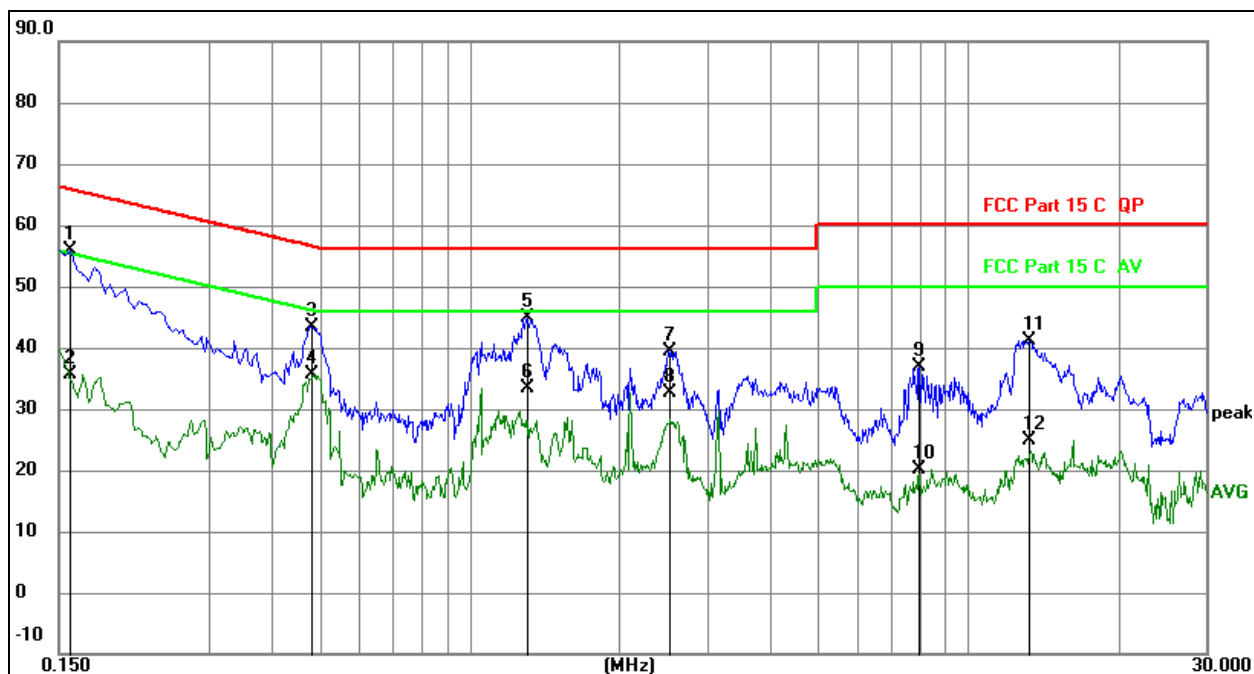


Remark:

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		0.1770	29.47	20.07	49.54	64.63	-15.09	QP
2		0.1770	12.82	20.07	32.89	54.63	-21.74	AVG
3		0.4875	23.52	20.08	43.60	56.21	-12.61	QP
4	*	0.4875	15.66	20.08	35.74	46.21	-10.47	AVG
5		1.3380	23.89	20.09	43.98	56.00	-12.02	QP
6		1.3380	8.45	20.09	28.54	46.00	-17.46	AVG
7		2.4945	18.36	20.11	38.47	56.00	-17.53	QP
8		2.4945	7.60	20.11	27.71	46.00	-18.29	AVG
9		7.8405	15.62	20.16	35.78	60.00	-24.22	QP
10		7.8405	-0.11	20.16	20.05	50.00	-29.95	AVG
11		13.1280	20.71	20.26	40.97	60.00	-19.03	QP
12		13.1280	2.29	20.26	22.55	50.00	-27.45	AVG

Temperature:	24.5 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz


Remark:

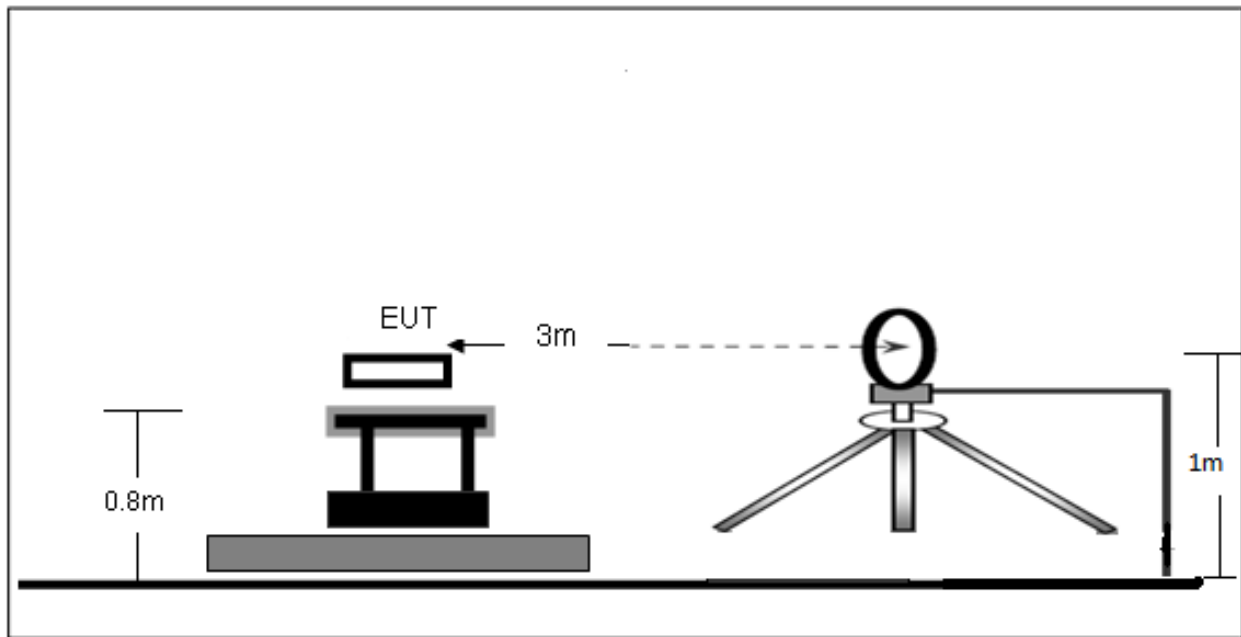
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1	*	0.1581	35.74	20.07	55.81	65.56	-9.75	QP
2		0.1581	15.57	20.07	35.64	55.56	-19.92	AVG
3		0.4811	23.37	20.08	43.45	56.32	-12.87	QP
4		0.4811	15.49	20.08	35.57	46.32	-10.75	AVG
5		1.3098	24.81	20.09	44.90	56.00	-11.10	QP
6		1.3098	13.35	20.09	33.44	46.00	-12.56	AVG
7		2.5000	19.39	20.11	39.50	56.00	-16.50	QP
8		2.5000	12.44	20.11	32.55	46.00	-13.45	AVG
9		7.9774	16.74	20.16	36.90	60.00	-23.10	QP
10		7.9774	-0.04	20.16	20.12	50.00	-29.88	AVG
11		13.2666	20.95	20.26	41.21	60.00	-18.79	QP
12		13.2666	4.67	20.26	24.93	50.00	-25.07	AVG

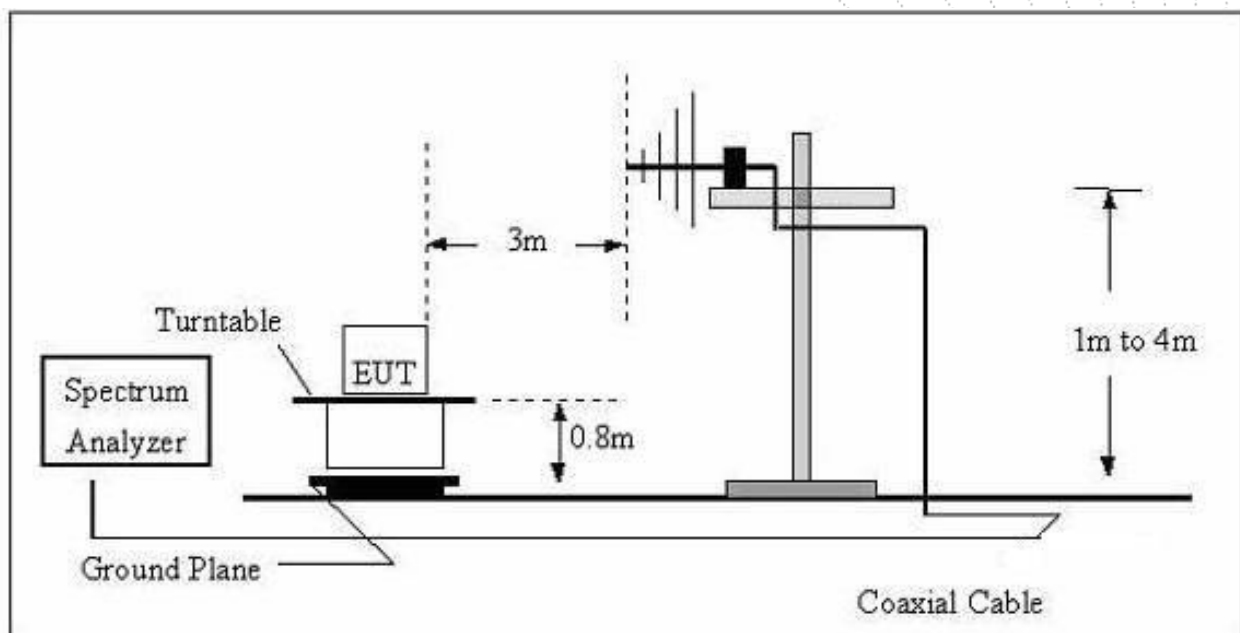
7. Radiated Emissions

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:	22.6°C	Relative Humidity:	24%
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:

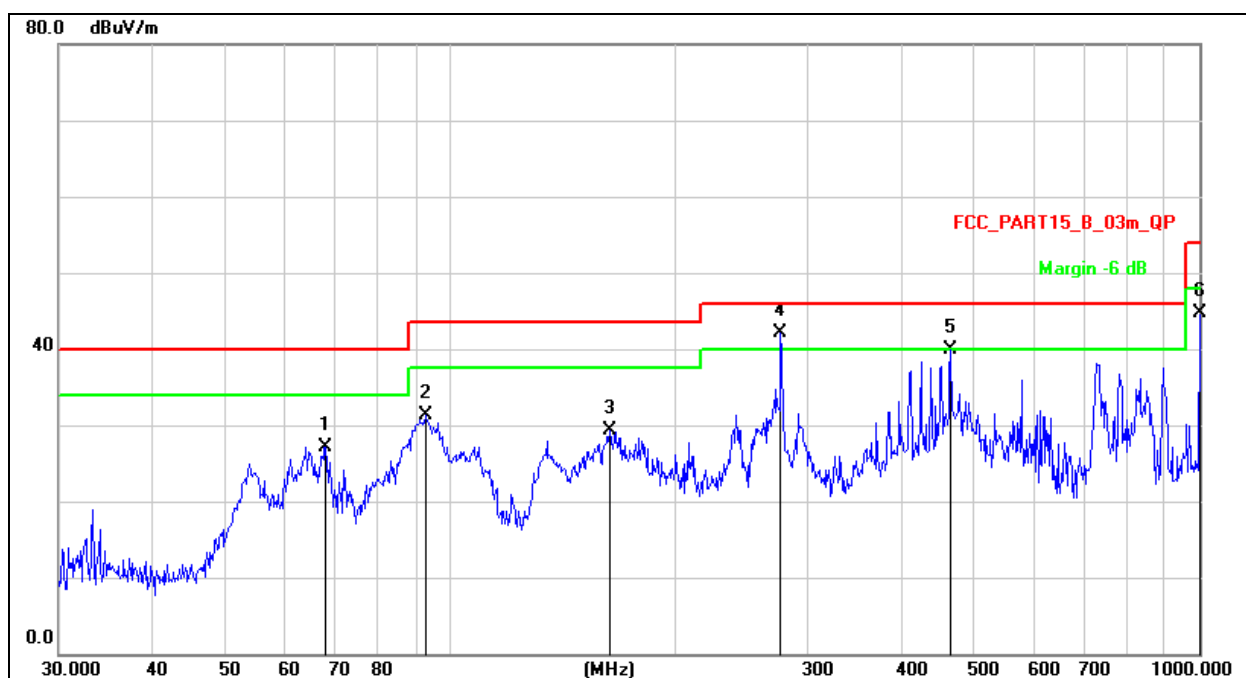
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

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

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

Between 30MHz – 1GHz

Temperature:	22.6°C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 4	Test Voltage:	AC120V/60Hz

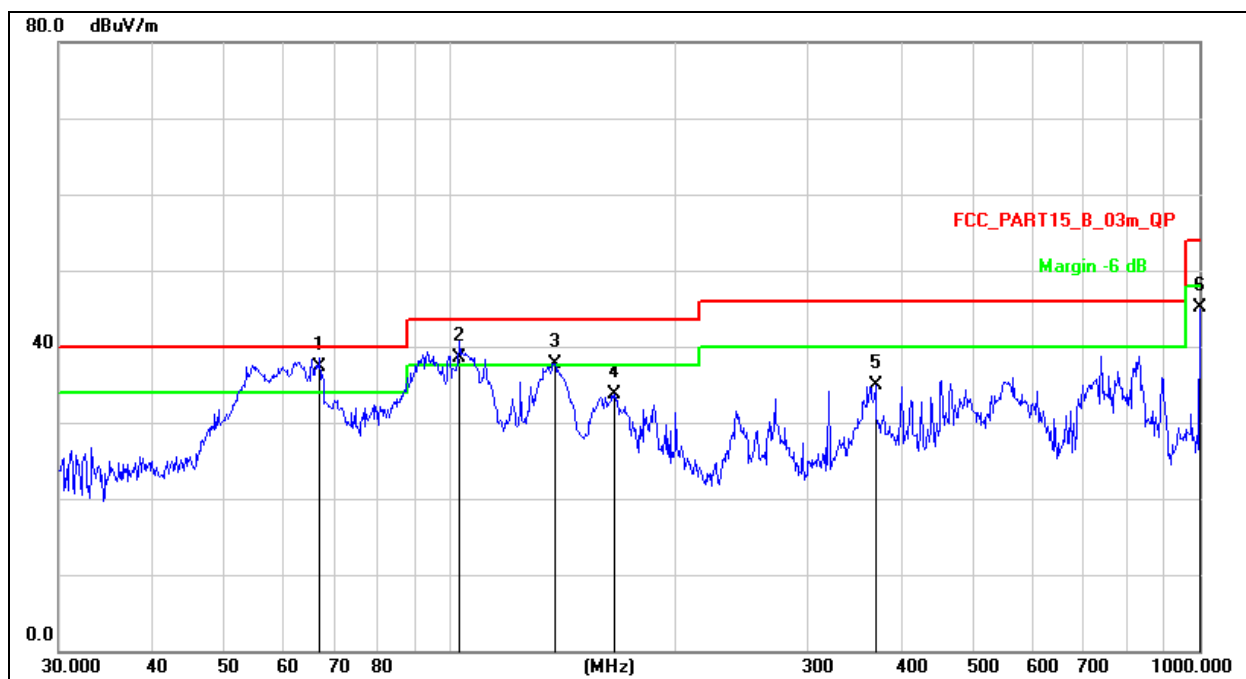


Remark:

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		68.1514	42.07	-14.91	27.16	40.00	-12.84	QP
2		92.7871	47.04	-15.71	31.33	43.50	-12.17	QP
3		163.1818	44.20	-14.96	29.24	43.50	-14.26	QP
4	*	276.1235	54.74	-12.71	42.03	46.00	-3.97	QP
5		465.5994	48.38	-8.53	39.85	46.00	-6.15	QP
6		1000.000	45.10	-0.48	44.62	54.00	-9.38	QP

Temperature:	22.6℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 4	Test Voltage:	AC120V/60Hz



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	*	66.9669	52.12	-14.87	37.25	40.00	-2.75	QP
2	!	102.7192	54.50	-15.91	38.59	43.50	-4.91	QP
3	!	137.9028	53.16	-15.36	37.80	43.50	-5.70	QP
4		165.4866	48.62	-14.93	33.69	43.50	-9.81	QP
5		369.4047	45.64	-10.65	34.99	46.00	-11.01	QP
6		1000.000	45.58	-0.48	45.10	54.00	-8.90	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	4434.197	72.18	-20.73	51.45	68.2	-16.75	PK
Vertical	4434.197	59.46	-20.73	38.73	54	-15.27	AV
Vertical	10360.016	60.02	-9.36	50.66	68.2	-17.54	PK
Vertical	10360.016	49.15	-9.36	39.79	54	-14.21	AV
Vertical	15540.024	64.30	-7.84	56.46	74	-17.54	PK
Vertical	15540.024	49.30	-7.84	41.46	54	-12.54	AV
Horizontal	4434.185	71.99	-20.73	51.26	68.2	-16.94	PK
Horizontal	4434.185	59.71	-20.73	38.98	54	-15.02	AV
Horizontal	10360.105	60.17	-9.36	50.81	68.2	-17.39	PK
Horizontal	10360.105	49.50	-9.36	40.14	54	-13.86	AV
Horizontal	15540.197	63.93	-7.84	56.09	74	-17.91	PK
Horizontal	15540.197	49.73	-7.84	41.89	54	-12.11	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.034	73.43	-20.42	53.01	74	-20.99	PK
Vertical	4592.034	59.95	-20.42	39.54	54	-14.46	AV
Vertical	10400.061	63.08	-9.30	53.78	68.2	-14.42	PK
Vertical	10400.061	49.53	-9.30	40.23	54	-13.77	AV
Vertical	15600.112	61.84	-7.82	54.02	74	-19.98	PK
Vertical	15600.112	49.25	-7.82	41.43	54	-12.57	AV
Horizontal	4592.063	73.84	-20.42	53.43	74	-20.57	PK
Horizontal	4592.063	59.13	-20.42	38.72	54	-15.28	AV
Horizontal	10400.035	64.68	-9.30	55.38	68.2	-12.82	PK
Horizontal	10400.035	49.21	-9.30	39.91	54	-14.09	AV
Horizontal	15600.008	62.26	-7.82	54.44	74	-19.56	PK
Horizontal	15600.008	49.73	-7.82	41.91	54	-12.09	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.155	71.89	-20.12	51.77	74	-22.23	PK
Vertical	4739.155	59.28	-20.12	39.16	54	-14.84	AV
Vertical	10480.001	64.06	-9.18	54.88	68.2	-13.32	PK
Vertical	10480.001	49.32	-9.18	40.14	54	-13.86	AV
Vertical	15720.191	62.67	-7.78	54.89	74	-19.11	PK
Vertical	15720.191	49.31	-7.78	41.53	54	-12.47	AV
Horizontal	4739.169	70.70	-20.12	50.58	74	-23.42	PK
Horizontal	4739.169	59.84	-20.12	39.72	54	-14.28	AV
Horizontal	10480.106	62.46	-9.18	53.28	68.2	-14.92	PK
Horizontal	10480.106	49.03	-9.18	39.85	54	-14.15	AV
Horizontal	15720.087	63.08	-7.78	55.30	74	-18.70	PK
Horizontal	15720.087	49.39	-7.78	41.61	54	-12.39	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:	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	4434.145	73.73	-20.73	53.00	68.2	-15.20	PK
Vertical	4434.145	59.71	-20.73	38.97	54	-15.03	AV
Vertical	10360.060	62.90	-9.36	53.54	68.2	-14.66	PK
Vertical	10360.060	49.22	-9.36	39.86	54	-14.14	AV
Vertical	15540.107	60.64	-7.84	52.80	74	-21.20	PK
Vertical	15540.107	49.01	-7.84	41.17	54	-12.83	AV
Horizontal	4434.028	70.93	-20.73	50.20	68.2	-18.00	PK
Horizontal	4434.028	59.93	-20.73	39.20	54	-14.80	AV
Horizontal	10360.026	61.36	-9.36	52.00	68.2	-16.20	PK
Horizontal	10360.026	49.46	-9.36	40.10	54	-13.90	AV
Horizontal	15540.195	63.81	-7.84	55.97	74	-18.03	PK
Horizontal	15540.195	49.00	-7.84	41.16	54	-12.84	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.097	73.86	-20.42	53.44	74	-20.56	PK
Vertical	4592.097	59.38	-20.42	38.96	54	-15.04	AV
Vertical	10400.120	64.67	-9.30	55.37	68.2	-12.83	PK
Vertical	10400.120	49.73	-9.30	40.43	54	-13.57	AV
Vertical	15600.065	60.98	-7.82	53.16	74	-20.84	PK
Vertical	15600.065	49.18	-7.82	41.36	54	-12.64	AV
Horizontal	4592.065	70.08	-20.42	49.67	74	-24.33	PK
Horizontal	4592.065	59.05	-20.42	38.64	54	-15.36	AV
Horizontal	10400.088	60.66	-9.30	51.36	68.2	-16.84	PK
Horizontal	10400.088	49.50	-9.30	40.20	54	-13.80	AV
Horizontal	15600.121	60.71	-7.82	52.89	74	-21.11	PK
Horizontal	15600.121	49.41	-7.82	41.59	54	-12.41	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.097	73.53	-20.12	53.41	74	-20.59	PK
Vertical	4739.097	59.23	-20.12	39.11	54	-14.89	AV
Vertical	10480.065	63.51	-9.18	54.33	68.2	-13.87	PK
Vertical	10480.065	49.12	-9.18	39.94	54	-14.06	AV
Vertical	15720.019	62.79	-7.78	55.01	74	-18.99	PK
Vertical	15720.019	49.78	-7.78	42.00	54	-12.00	AV
Horizontal	4739.037	70.29	-20.12	50.17	74	-23.83	PK
Horizontal	4739.037	59.69	-20.12	39.57	54	-14.43	AV
Horizontal	10480.061	61.14	-9.18	51.96	68.2	-16.24	PK
Horizontal	10480.061	49.80	-9.18	40.62	54	-13.38	AV
Horizontal	15720.123	64.22	-7.78	56.44	74	-17.56	PK
Horizontal	15720.123	49.78	-7.78	42.00	54	-12.00	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:	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	4434.039	72.50	-20.73	51.77	68.2	-16.43	PK
Vertical	4434.039	59.54	-20.73	38.81	54	-15.19	AV
Vertical	10380.176	60.75	-9.33	51.42	68.2	-16.78	PK
Vertical	10380.176	49.65	-9.33	40.32	54	-13.68	AV
Vertical	15570.077	64.29	-7.83	56.46	74	-17.54	PK
Vertical	15570.077	49.36	-7.83	41.53	54	-12.47	AV
Horizontal	4434.044	70.54	-20.73	49.80	74	-24.20	PK
Horizontal	4434.044	59.37	-20.73	38.64	54	-15.36	AV
Horizontal	10380.119	63.65	-9.33	54.32	68.2	-13.88	PK
Horizontal	10380.119	49.75	-9.33	40.42	54	-13.58	AV
Horizontal	15570.008	61.58	-7.83	53.75	74	-20.25	PK
Horizontal	15570.008	49.83	-7.83	42.00	54	-12.00	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.057	72.68	-20.12	52.55	68.2	-15.65	PK
Vertical	4739.057	59.39	-20.12	39.27	54	-14.73	AV
Vertical	10460.182	61.20	-9.21	51.99	68.2	-16.21	PK
Vertical	10460.182	49.43	-9.21	40.22	54	-13.78	AV
Vertical	15690.102	61.50	-7.79	53.71	74	-20.29	PK
Vertical	15690.102	49.05	-7.79	41.26	54	-12.74	AV
Horizontal	4739.111	71.81	-20.12	51.69	68.2	-16.51	PK
Horizontal	4739.111	59.91	-20.12	39.79	54	-14.21	AV
Horizontal	10460.130	60.29	-9.21	51.08	68.2	-17.12	PK
Horizontal	10460.130	49.17	-9.21	39.96	54	-14.04	AV
Horizontal	15690.156	60.61	-7.79	52.82	74	-21.18	PK
Horizontal	15690.156	49.18	-7.79	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:	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	4434.037	70.88	-20.73	50.15	68.2	-18.05	PK
Vertical	4434.037	59.98	-20.73	39.25	54	-14.75	AV
Vertical	10360.074	64.78	-9.36	55.42	68.2	-12.78	PK
Vertical	10360.074	49.69	-9.36	40.33	54	-13.67	AV
Vertical	15540.187	60.93	-7.84	53.09	74	-20.91	PK
Vertical	15540.187	49.05	-7.84	41.21	54	-12.79	AV
Horizontal	4434.111	71.74	-20.73	51.01	68.2	-17.19	PK
Horizontal	4434.111	59.71	-20.73	38.98	54	-15.02	AV
Horizontal	10360.112	61.46	-9.36	52.10	68.2	-16.10	PK
Horizontal	10360.112	49.01	-9.36	39.65	54	-14.35	AV
Horizontal	15540.046	61.08	-7.84	53.24	74	-20.76	PK
Horizontal	15540.046	49.58	-7.84	41.74	54	-12.26	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.053	70.26	-20.42	49.84	74	-24.16	PK
Vertical	4592.053	59.47	-20.42	39.05	54	-14.95	AV
Vertical	10400.137	62.40	-9.30	53.10	68.2	-15.10	PK
Vertical	10400.137	49.55	-9.30	40.25	54	-13.75	AV
Vertical	15600.001	60.30	-7.82	52.48	74	-21.52	PK
Vertical	15600.001	49.13	-7.82	41.31	54	-12.69	AV
Horizontal	4592.146	73.22	-20.42	52.81	74	-21.19	PK
Horizontal	4592.146	59.92	-20.42	39.51	54	-14.49	AV
Horizontal	10400.045	61.66	-9.30	52.36	68.2	-15.84	PK
Horizontal	10400.045	49.70	-9.30	40.40	54	-13.60	AV
Horizontal	15600.079	63.68	-7.82	55.86	74	-18.14	PK
Horizontal	15600.079	49.96	-7.82	42.14	54	-11.86	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.112	74.34	-20.12	54.22	74	-19.78	PK
Vertical	4739.112	59.56	-20.12	39.44	54	-14.56	AV
Vertical	10480.191	60.23	-9.18	51.05	68.2	-17.15	PK
Vertical	10480.191	49.81	-9.18	40.63	54	-13.37	AV
Vertical	15720.042	62.99	-7.78	55.21	74	-18.79	PK
Vertical	15720.042	49.39	-7.78	41.61	54	-12.39	AV
Horizontal	4739.125	72.36	-20.12	52.24	74	-21.76	PK
Horizontal	4739.125	59.08	-20.12	38.96	54	-15.04	AV
Horizontal	10480.168	62.22	-9.18	53.04	68.2	-15.16	PK
Horizontal	10480.168	49.19	-9.18	40.01	54	-13.99	AV
Horizontal	15720.104	61.15	-7.78	53.37	74	-20.63	PK
Horizontal	15720.104	49.72	-7.78	41.94	54	-12.06	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:	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	4434.108	72.71	-20.73	51.98	68.2	-16.22	PK
Vertical	4434.108	59.46	-20.73	38.73	54	-15.27	AV
Vertical	10380.055	64.06	-9.33	54.73	68.2	-13.47	PK
Vertical	10380.055	49.26	-9.33	39.93	54	-14.07	AV
Vertical	15570.134	62.46	-7.83	54.63	74	-19.37	PK
Vertical	15570.134	49.53	-7.83	41.70	54	-12.30	AV
Horizontal	4434.164	71.59	-20.73	50.86	74	-23.14	PK
Horizontal	4434.164	59.78	-20.73	39.05	54	-14.95	AV
Horizontal	10380.095	61.08	-9.33	51.75	68.2	-16.45	PK
Horizontal	10380.095	49.53	-9.33	40.20	54	-13.80	AV
Horizontal	15570.178	62.94	-7.83	55.11	74	-18.89	PK
Horizontal	15570.178	49.76	-7.83	41.93	54	-12.07	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.008	70.42	-20.12	50.30	68.2	-17.90	PK
Vertical	4739.008	59.08	-20.12	38.96	54	-15.04	AV
Vertical	10460.082	63.11	-9.21	53.90	68.2	-14.30	PK
Vertical	10460.082	49.97	-9.21	40.76	54	-13.24	AV
Vertical	15690.182	64.74	-7.79	56.95	74	-17.05	PK
Vertical	15690.182	49.08	-7.79	41.29	54	-12.71	AV
Horizontal	4739.032	71.92	-20.12	51.80	68.2	-16.40	PK
Horizontal	4739.032	59.70	-20.12	39.58	54	-14.42	AV
Horizontal	10460.151	62.27	-9.21	53.06	68.2	-15.14	PK
Horizontal	10460.151	49.40	-9.21	40.19	54	-13.81	AV
Horizontal	15690.022	63.00	-7.79	55.21	74	-18.79	PK
Horizontal	15690.022	49.11	-7.79	41.32	54	-12.68	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:	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	4434.156	70.84	-20.73	50.10	68.2	-18.10	PK
Vertical	4434.156	59.24	-20.73	38.51	54	-15.49	AV
Vertical	10420.037	61.81	-9.27	52.54	68.2	-15.66	PK
Vertical	10420.037	49.02	-9.27	39.75	54	-14.25	AV
Vertical	15630.048	61.21	-7.81	53.40	74	-20.60	PK
Vertical	15630.048	49.70	-7.81	41.89	54	-12.11	AV
Horizontal	4434.035	74.60	-20.73	53.87	68.2	-14.33	PK
Horizontal	4434.035	59.16	-20.73	38.43	54	-15.57	AV
Horizontal	10420.031	42.47	9.27	51.74	68.2	-16.46	PK
Horizontal	10420.031	29.03	9.27	38.30	54	-15.70	AV
Horizontal	15630.175	62.06	-7.81	54.25	74	-19.75	PK
Horizontal	15630.175	49.32	-7.81	41.51	54	-12.49	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:	TX(5.1G) - 802.11ax-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	4434.040	72.87	-20.73	52.14	68.2	-16.06	PK
Vertical	4434.040	59.40	-20.73	38.67	54	-15.33	AV
Vertical	10360.066	61.91	-9.36	52.55	68.2	-15.65	PK
Vertical	10360.066	49.41	-9.36	40.05	54	-13.95	AV
Vertical	15540.046	60.61	-7.84	52.77	74	-21.23	PK
Vertical	15540.046	49.89	-7.84	42.05	54	-11.95	AV
Horizontal	4434.037	73.38	-20.73	52.65	68.2	-15.55	PK
Horizontal	4434.037	59.55	-20.73	38.81	54	-15.19	AV
Horizontal	10360.049	61.92	-9.36	52.56	68.2	-15.64	PK
Horizontal	10360.049	49.42	-9.36	40.06	54	-13.94	AV
Horizontal	15540.121	62.97	-7.84	55.13	74	-18.87	PK
Horizontal	15540.121	49.80	-7.84	41.96	54	-12.04	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.142	71.87	-20.42	51.45	74	-22.55	PK
Vertical	4592.142	59.81	-20.42	39.39	54	-14.61	AV
Vertical	10400.015	62.51	-9.30	53.21	68.2	-14.99	PK
Vertical	10400.015	49.41	-9.30	40.11	54	-13.89	AV
Vertical	15600.091	62.30	-7.82	54.48	74	-19.52	PK
Vertical	15600.091	49.60	-7.82	41.78	54	-12.22	AV
Horizontal	4592.064	70.21	-20.42	49.79	74	-24.21	PK
Horizontal	4592.064	59.08	-20.42	38.67	54	-15.33	AV
Horizontal	10400.132	61.86	-9.30	52.56	68.2	-15.64	PK
Horizontal	10400.132	49.35	-9.30	40.05	54	-13.95	AV
Horizontal	15600.050	62.61	-7.82	54.79	74	-19.21	PK
Horizontal	15600.050	49.29	-7.82	41.47	54	-12.53	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.175	73.97	-20.12	53.85	74	-20.15	PK
Vertical	4739.175	59.35	-20.12	39.23	54	-14.77	AV
Vertical	10480.188	62.19	-9.18	53.01	68.2	-15.19	PK
Vertical	10480.188	49.92	-9.18	40.74	54	-13.26	AV
Vertical	15720.196	61.09	-7.78	53.31	74	-20.69	PK
Vertical	15720.196	49.62	-7.78	41.84	54	-12.16	AV
Horizontal	4739.053	73.29	-20.12	53.17	74	-20.83	PK
Horizontal	4739.053	59.08	-20.12	38.96	54	-15.04	AV
Horizontal	10480.034	62.01	-9.18	52.83	68.2	-15.37	PK
Horizontal	10480.034	49.47	-9.18	40.29	54	-13.71	AV
Horizontal	15720.017	64.53	-7.78	56.75	74	-17.25	PK
Horizontal	15720.017	49.29	-7.78	41.51	54	-12.49	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:	TX(5.1G) - 802.11ax-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	4434.008	73.61	-20.73	52.88	68.2	-15.32	PK
Vertical	4434.008	59.87	-20.73	39.14	54	-14.86	AV
Vertical	10380.122	64.17	-9.33	54.84	68.2	-13.36	PK
Vertical	10380.122	49.45	-9.33	40.12	54	-13.88	AV
Vertical	15570.170	63.50	-7.83	55.67	74	-18.33	PK
Vertical	15570.170	49.89	-7.83	42.06	54	-11.94	AV
Horizontal	4434.071	72.83	-20.73	52.10	74	-21.90	PK
Horizontal	4434.071	59.49	-20.73	38.76	54	-15.24	AV
Horizontal	10380.121	61.87	-9.33	52.54	68.2	-15.66	PK
Horizontal	10380.121	49.83	-9.33	40.50	54	-13.50	AV
Horizontal	15570.043	63.63	-7.83	55.80	74	-18.20	PK
Horizontal	15570.043	49.50	-7.83	41.67	54	-12.33	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.076	74.50	-20.12	54.38	68.2	-13.82	PK
Vertical	4739.076	59.79	-20.12	39.67	54	-14.33	AV
Vertical	10460.005	60.32	-9.21	51.11	68.2	-17.09	PK
Vertical	10460.005	49.18	-9.21	39.97	54	-14.03	AV
Vertical	15690.159	62.39	-7.79	54.60	74	-19.40	PK
Vertical	15690.159	49.51	-7.79	41.72	54	-12.28	AV
Horizontal	4739.105	70.34	-20.12	50.22	68.2	-17.98	PK
Horizontal	4739.105	59.06	-20.12	38.94	54	-15.06	AV
Horizontal	10460.096	62.20	-9.21	52.99	68.2	-15.21	PK
Horizontal	10460.096	49.13	-9.21	39.92	54	-14.08	AV
Horizontal	15690.154	64.31	-7.79	56.52	74	-17.48	PK
Horizontal	15690.154	49.94	-7.79	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:	TX(5.1G) - 802.11ax-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	4434.065	70.05	-20.73	49.31	68.2	-18.89	PK
Vertical	4434.065	59.03	-20.73	38.30	54	-15.70	AV
Vertical	10420.081	61.00	-9.27	51.73	68.2	-16.47	PK
Vertical	10420.081	49.28	-9.27	40.01	54	-13.99	AV
Vertical	15630.158	62.84	-7.81	55.03	74	-18.97	PK
Vertical	15630.158	49.21	-7.81	41.40	54	-12.60	AV
Horizontal	4434.055	72.96	-20.73	52.23	68.2	-15.97	PK
Horizontal	4434.055	59.64	-20.73	38.91	54	-15.09	AV
Horizontal	10420.053	43.88	9.27	53.15	68.2	-15.05	PK
Horizontal	10420.053	29.00	9.27	38.27	54	-15.73	AV
Horizontal	15630.104	60.53	-7.81	52.72	74	-21.28	PK
Horizontal	15630.104	49.33	-7.81	41.52	54	-12.48	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:	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	4434.042	70.27	-20.73	49.53	68.2	-18.67	PK
Vertical	4434.042	59.79	-20.73	39.06	54	-14.94	AV
Vertical	10520.115	62.94	-9.12	53.82	68.2	-14.38	PK
Vertical	10520.115	49.73	-9.12	40.61	54	-13.39	AV
Vertical	15780.068	64.40	-7.77	56.63	74	-17.37	PK
Vertical	15780.068	49.16	-7.77	41.39	54	-12.61	AV
Horizontal	4434.172	70.22	-20.73	49.49	68.2	-18.71	PK
Horizontal	4434.172	59.11	-20.73	38.38	54	-15.62	AV
Horizontal	10520.049	61.04	-9.12	51.92	68.2	-16.28	PK
Horizontal	10520.049	49.16	-9.12	40.04	54	-13.96	AV
Horizontal	15780.054	63.18	-7.77	55.41	74	-18.59	PK
Horizontal	15780.054	49.18	-7.77	41.41	54	-12.59	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.071	71.94	-20.42	51.52	74	-22.48	PK
Vertical	4592.071	59.46	-20.42	39.04	54	-14.96	AV
Vertical	10560.066	61.59	-9.06	52.53	68.2	-15.67	PK
Vertical	10560.066	49.08	-9.06	40.02	54	-13.98	AV
Vertical	15840.112	61.53	-7.75	53.78	74	-20.22	PK
Vertical	15840.112	49.24	-7.75	41.49	54	-12.51	AV
Horizontal	4592.062	73.49	-20.42	53.08	74	-20.92	PK
Horizontal	4592.062	59.31	-20.42	38.89	54	-15.11	AV
Horizontal	10560.127	60.11	-9.06	51.05	68.2	-17.15	PK
Horizontal	10560.127	49.51	-9.06	40.45	54	-13.55	AV
Horizontal	15840.185	60.21	-7.75	52.46	74	-21.54	PK
Horizontal	15840.185	49.02	-7.75	41.27	54	-12.73	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.074	74.16	-20.12	54.04	74	-19.96	PK
Vertical	4739.074	59.75	-20.12	39.63	54	-14.37	AV
Vertical	10640.009	64.72	-8.94	55.78	68.2	-12.42	PK
Vertical	10640.009	49.62	-8.94	40.68	54	-13.32	AV
Vertical	15960.163	61.80	-7.71	54.09	74	-19.91	PK
Vertical	15960.163	49.30	-7.71	41.59	54	-12.41	AV
Horizontal	4739.066	70.65	-20.12	50.53	74	-23.47	PK
Horizontal	4739.066	59.87	-20.12	39.75	54	-14.25	AV
Horizontal	10640.190	60.83	-8.94	51.89	68.2	-16.31	PK
Horizontal	10640.190	49.12	-8.94	40.18	54	-13.82	AV
Horizontal	15960.034	64.59	-7.71	56.88	74	-17.12	PK
Horizontal	15960.034	49.28	-7.71	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:	TX(5.3G) - 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 (5260 MHz)-Above 1G							
Vertical	4434.057	74.02	-20.73	53.29	68.2	-14.91	PK
Vertical	4434.057	59.08	-20.73	38.35	54	-15.65	AV
Vertical	10520.146	63.89	-9.12	54.77	68.2	-13.43	PK
Vertical	10520.146	49.45	-9.12	40.33	54	-13.67	AV
Vertical	15780.072	64.22	-7.77	56.45	74	-17.55	PK
Vertical	15780.072	49.72	-7.77	41.95	54	-12.05	AV
Horizontal	4434.139	72.42	-20.73	51.69	68.2	-16.51	PK
Horizontal	4434.139	59.97	-20.73	39.23	54	-14.77	AV
Horizontal	10520.046	61.69	-9.12	52.57	68.2	-15.63	PK
Horizontal	10520.046	49.09	-9.12	39.97	54	-14.03	AV
Horizontal	15780.075	64.32	-7.77	56.55	74	-17.45	PK
Horizontal	15780.075	49.72	-7.77	41.95	54	-12.05	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.161	73.60	-20.42	53.18	74	-20.82	PK
Vertical	4592.161	60.00	-20.42	39.58	54	-14.42	AV
Vertical	10560.069	64.04	-9.06	54.98	68.2	-13.22	PK
Vertical	10560.069	49.67	-9.06	40.61	54	-13.39	AV
Vertical	15840.189	60.50	-7.75	52.75	74	-21.25	PK
Vertical	15840.189	49.30	-7.75	41.55	54	-12.45	AV
Horizontal	4592.046	72.55	-20.42	52.14	74	-21.86	PK
Horizontal	4592.046	59.64	-20.42	39.23	54	-14.77	AV
Horizontal	10560.163	60.57	-9.06	51.51	68.2	-16.69	PK
Horizontal	10560.163	49.31	-9.06	40.25	54	-13.75	AV
Horizontal	15840.036	64.39	-7.75	56.64	74	-17.36	PK
Horizontal	15840.036	49.25	-7.75	41.50	54	-12.50	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.073	71.83	-20.12	51.71	74	-22.29	PK
Vertical	4739.073	59.71	-20.12	39.59	54	-14.41	AV
Vertical	10640.020	62.86	-8.94	53.92	68.2	-14.28	PK
Vertical	10640.020	49.11	-8.94	40.17	54	-13.83	AV
Vertical	15960.197	61.60	-7.71	53.89	74	-20.11	PK
Vertical	15960.197	49.42	-7.71	41.71	54	-12.29	AV
Horizontal	4739.092	70.31	-20.12	50.18	74	-23.82	PK
Horizontal	4739.092	59.74	-20.12	39.62	54	-14.38	AV
Horizontal	10640.105	62.22	-8.94	53.28	68.2	-14.92	PK
Horizontal	10640.105	49.21	-8.94	40.27	54	-13.73	AV
Horizontal	15960.012	63.14	-7.71	55.43	74	-18.57	PK
Horizontal	15960.012	49.42	-7.71	41.71	54	-12.29	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:	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	4434.042	70.28	-20.73	49.55	68.2	-18.65	PK
Vertical	4434.042	59.31	-20.73	38.58	54	-15.42	AV
Vertical	10540.109	60.10	-9.09	51.01	68.2	-17.19	PK
Vertical	10540.109	49.66	-9.09	40.57	54	-13.43	AV
Vertical	15810.124	60.31	-7.76	52.55	74	-21.45	PK
Vertical	15810.124	49.75	-7.76	41.99	54	-12.01	AV
Horizontal	4434.182	72.61	-20.73	51.88	74	-22.12	PK
Horizontal	4434.182	59.12	-20.73	38.39	54	-15.61	AV
Horizontal	10540.073	61.69	-9.09	52.60	68.2	-15.60	PK
Horizontal	10540.073	49.14	-9.09	40.05	54	-13.95	AV
Horizontal	15810.018	64.77	-7.76	57.01	74	-16.99	PK
Horizontal	15810.018	49.75	-7.76	41.99	54	-12.01	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.190	72.44	-20.12	52.31	68.2	-15.89	PK
Vertical	4739.190	59.68	-20.12	39.56	54	-14.44	AV
Vertical	10620.004	64.04	-8.97	55.07	68.2	-13.13	PK
Vertical	10620.004	49.57	-8.97	40.60	54	-13.40	AV
Vertical	15930.159	60.25	-7.72	52.53	74	-21.47	PK
Vertical	15930.159	49.23	-7.72	41.51	54	-12.49	AV
Horizontal	4739.024	72.47	-20.12	52.35	68.2	-15.85	PK
Horizontal	4739.024	59.02	-20.12	38.90	54	-15.10	AV
Horizontal	10620.083	63.88	-8.97	54.91	68.2	-13.29	PK
Horizontal	10620.083	49.69	-8.97	40.72	54	-13.28	AV
Horizontal	15930.099	62.70	-7.72	54.98	74	-19.02	PK
Horizontal	15930.099	49.34	-7.72	41.62	54	-12.38	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:	TX(5.3G) - 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 (5260 MHz)-Above 1G							
Vertical	4434.080	71.29	-20.73	50.56	68.2	-17.64	PK
Vertical	4434.080	59.41	-20.73	38.68	54	-15.32	AV
Vertical	10520.154	63.51	-9.12	54.39	68.2	-13.81	PK
Vertical	10520.154	49.33	-9.12	40.21	54	-13.79	AV
Vertical	15780.066	62.02	-7.77	54.25	74	-19.75	PK
Vertical	15780.066	49.93	-7.77	42.16	54	-11.84	AV
Horizontal	4434.030	70.29	-20.73	49.56	68.2	-18.64	PK
Horizontal	4434.030	59.37	-20.73	38.64	54	-15.36	AV
Horizontal	10520.028	60.74	-9.12	51.62	68.2	-16.58	PK
Horizontal	10520.028	49.44	-9.12	40.32	54	-13.68	AV
Horizontal	15780.164	60.99	-7.77	53.22	74	-20.78	PK
Horizontal	15780.164	49.70	-7.77	41.93	54	-12.07	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.176	73.51	-20.42	53.10	74	-20.90	PK
Vertical	4592.176	59.35	-20.42	38.93	54	-15.07	AV
Vertical	10560.151	61.33	-9.06	52.27	68.2	-15.93	PK
Vertical	10560.151	49.35	-9.06	40.29	54	-13.71	AV
Vertical	15840.039	64.79	-7.75	57.04	74	-16.96	PK
Vertical	15840.039	49.13	-7.75	41.38	54	-12.62	AV
Horizontal	4592.140	72.79	-20.42	52.37	74	-21.63	PK
Horizontal	4592.140	59.49	-20.42	39.08	54	-14.92	AV
Horizontal	10560.198	61.40	-9.06	52.34	68.2	-15.86	PK
Horizontal	10560.198	49.60	-9.06	40.54	54	-13.46	AV
Horizontal	15840.005	62.35	-7.75	54.60	74	-19.40	PK
Horizontal	15840.005	49.15	-7.75	41.40	54	-12.60	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.101	72.27	-20.12	52.14	74	-21.86	PK
Vertical	4739.101	59.65	-20.12	39.53	54	-14.47	AV
Vertical	10640.183	64.93	-8.94	55.99	68.2	-12.21	PK
Vertical	10640.183	49.95	-8.94	41.01	54	-12.99	AV
Vertical	15960.199	61.95	-7.71	54.24	74	-19.76	PK
Vertical	15960.199	49.53	-7.71	41.82	54	-12.18	AV
Horizontal	4739.084	71.75	-20.12	51.63	74	-22.37	PK
Horizontal	4739.084	59.76	-20.12	39.64	54	-14.36	AV
Horizontal	10640.008	63.48	-8.94	54.54	68.2	-13.66	PK
Horizontal	10640.008	49.18	-8.94	40.24	54	-13.76	AV
Horizontal	15960.171	61.10	-7.71	53.39	74	-20.61	PK
Horizontal	15960.171	49.26	-7.71	41.55	54	-12.45	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:	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	4434.139	72.19	-20.73	51.46	68.2	-16.74	PK
Vertical	4434.139	59.99	-20.73	39.26	54	-14.74	AV
Vertical	10540.099	64.93	-9.09	55.84	68.2	-12.36	PK
Vertical	10540.099	49.67	-9.09	40.58	54	-13.42	AV
Vertical	15810.018	64.40	-7.76	56.64	74	-17.36	PK
Vertical	15810.018	49.31	-7.76	41.55	54	-12.45	AV
Horizontal	4434.059	74.05	-20.73	53.32	74	-20.68	PK
Horizontal	4434.059	59.47	-20.73	38.74	54	-15.26	AV
Horizontal	10540.058	61.74	-9.09	52.65	68.2	-15.55	PK
Horizontal	10540.058	49.05	-9.09	39.96	54	-14.04	AV
Horizontal	15810.041	63.27	-7.76	55.51	74	-18.49	PK
Horizontal	15810.041	49.83	-7.76	42.07	54	-11.93	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.005	71.99	-20.12	51.86	68.2	-16.34	PK
Vertical	4739.005	59.86	-20.12	39.74	54	-14.26	AV
Vertical	10620.148	62.40	-8.97	53.43	68.2	-14.77	PK
Vertical	10620.148	49.29	-8.97	40.32	54	-13.68	AV
Vertical	15930.144	60.15	-7.72	52.43	74	-21.57	PK
Vertical	15930.144	49.32	-7.72	41.60	54	-12.40	AV
Horizontal	4739.107	73.64	-20.12	53.51	68.2	-14.69	PK
Horizontal	4739.107	59.48	-20.12	39.36	54	-14.64	AV
Horizontal	10620.177	64.19	-8.97	55.22	68.2	-12.98	PK
Horizontal	10620.177	49.23	-8.97	40.26	54	-13.74	AV
Horizontal	15930.082	63.62	-7.72	55.90	74	-18.10	PK
Horizontal	15930.082	49.98	-7.72	42.26	54	-11.74	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:	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	4434.033	70.38	-20.73	49.65	68.2	-18.55	PK
Vertical	4434.033	59.35	-20.73	38.62	54	-15.38	AV
Vertical	10580.147	64.09	-9.03	55.06	68.2	-13.14	PK
Vertical	10580.147	49.24	-9.03	40.21	54	-13.79	AV
Vertical	15870.129	61.69	-7.74	53.95	74	-20.05	PK
Vertical	15870.129	49.54	-7.74	41.80	54	-12.20	AV
Horizontal	4434.178	73.63	-20.73	52.90	68.2	-15.30	PK
Horizontal	4434.178	59.85	-20.73	39.12	54	-14.88	AV
Horizontal	10580.105	61.41	-9.03	52.38	68.2	-15.82	PK
Horizontal	10580.105	49.33	-9.03	40.30	54	-13.70	AV
Horizontal	15870.159	62.44	-7.74	54.70	74	-19.30	PK
Horizontal	15870.159	49.17	-7.74	41.43	54	-12.57	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:	TX(5.3G) - 802.11ax-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	4434.017	75.00	-20.73	54.27	68.2	-13.93	PK
Vertical	4434.017	59.26	-20.73	38.53	54	-15.47	AV
Vertical	10520.181	62.04	-9.12	52.92	68.2	-15.28	PK
Vertical	10520.181	49.07	-9.12	39.95	54	-14.05	AV
Vertical	15780.162	64.79	-7.77	57.02	74	-16.98	PK
Vertical	15780.162	49.80	-7.77	42.03	54	-11.97	AV
Horizontal	4434.011	72.63	-20.73	51.90	68.2	-16.30	PK
Horizontal	4434.011	59.16	-20.73	38.43	54	-15.57	AV
Horizontal	10520.092	60.78	-9.12	51.66	68.2	-16.54	PK
Horizontal	10520.092	49.88	-9.12	40.76	54	-13.24	AV
Horizontal	15780.141	62.63	-7.77	54.86	74	-19.14	PK
Horizontal	15780.141	49.18	-7.77	41.41	54	-12.59	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.081	70.91	-20.42	50.49	74	-23.51	PK
Vertical	4592.081	59.95	-20.42	39.53	54	-14.47	AV
Vertical	10560.093	61.17	-9.06	52.11	68.2	-16.09	PK
Vertical	10560.093	49.59	-9.06	40.53	54	-13.47	AV
Vertical	15840.103	61.03	-7.75	53.28	74	-20.72	PK
Vertical	15840.103	49.44	-7.75	41.69	54	-12.31	AV
Horizontal	4592.023	72.96	-20.42	52.55	74	-21.45	PK
Horizontal	4592.023	59.80	-20.42	39.39	54	-14.61	AV
Horizontal	10560.135	60.27	-9.06	51.21	68.2	-16.99	PK
Horizontal	10560.135	49.72	-9.06	40.66	54	-13.34	AV
Horizontal	15840.094	64.05	-7.75	56.30	74	-17.70	PK
Horizontal	15840.094	49.59	-7.75	41.84	54	-12.16	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.071	71.74	-20.12	51.62	74	-22.38	PK
Vertical	4739.071	59.51	-20.12	39.38	54	-14.62	AV
Vertical	10640.121	64.91	-8.94	55.97	68.2	-12.23	PK
Vertical	10640.121	49.19	-8.94	40.25	54	-13.75	AV
Vertical	15960.186	62.09	-7.71	54.38	74	-19.62	PK
Vertical	15960.186	49.78	-7.71	42.07	54	-11.93	AV
Horizontal	4739.174	74.47	-20.12	54.35	74	-19.65	PK
Horizontal	4739.174	59.38	-20.12	39.26	54	-14.74	AV
Horizontal	10640.184	64.16	-8.94	55.22	68.2	-12.98	PK
Horizontal	10640.184	49.40	-8.94	40.46	54	-13.54	AV
Horizontal	15960.036	64.09	-7.71	56.38	74	-17.62	PK
Horizontal	15960.036	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:	TX(5.3G) - 802.11ax-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	4434.138	74.46	-20.73	53.73	68.2	-14.47	PK
Vertical	4434.138	59.01	-20.73	38.28	54	-15.72	AV
Vertical	10540.136	63.12	-9.09	54.03	68.2	-14.17	PK
Vertical	10540.136	49.32	-9.09	40.23	54	-13.77	AV
Vertical	15810.004	62.48	-7.76	54.72	74	-19.28	PK
Vertical	15810.004	49.34	-7.76	41.58	54	-12.42	AV
Horizontal	4434.195	74.79	-20.73	54.06	74	-19.94	PK
Horizontal	4434.195	59.08	-20.73	38.35	54	-15.65	AV
Horizontal	10540.123	63.09	-9.09	54.00	68.2	-14.20	PK
Horizontal	10540.123	49.64	-9.09	40.55	54	-13.45	AV
Horizontal	15810.182	61.65	-7.76	53.89	74	-20.11	PK
Horizontal	15810.182	49.89	-7.76	42.13	54	-11.87	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.002	74.82	-20.12	54.70	68.2	-13.50	PK
Vertical	4739.002	59.66	-20.12	39.54	54	-14.46	AV
Vertical	10620.025	63.16	-8.97	54.19	68.2	-14.01	PK
Vertical	10620.025	49.42	-8.97	40.45	54	-13.55	AV
Vertical	15930.071	60.52	-7.72	52.80	74	-21.20	PK
Vertical	15930.071	49.63	-7.72	41.91	54	-12.09	AV
Horizontal	4739.175	73.60	-20.12	53.48	68.2	-14.72	PK
Horizontal	4739.175	59.08	-20.12	38.96	54	-15.04	AV
Horizontal	10620.064	61.18	-8.97	52.21	68.2	-15.99	PK
Horizontal	10620.064	49.69	-8.97	40.72	54	-13.28	AV
Horizontal	15930.043	64.03	-7.72	56.31	74	-17.69	PK
Horizontal	15930.043	49.33	-7.72	41.61	54	-12.39	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:	TX(5.3G) - 802.11ax-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	4434.098	72.57	-20.73	51.84	68.2	-16.36	PK
Vertical	4434.098	59.83	-20.73	39.10	54	-14.90	AV
Vertical	10580.146	64.10	-9.03	55.07	68.2	-13.13	PK
Vertical	10580.146	49.46	-9.03	40.43	54	-13.57	AV
Vertical	15870.092	64.34	-7.74	56.60	74	-17.40	PK
Vertical	15870.092	49.83	-7.74	42.09	54	-11.91	AV
Horizontal	4434.131	74.62	-20.73	53.89	68.2	-14.31	PK
Horizontal	4434.131	59.61	-20.73	38.88	54	-15.12	AV
Horizontal	10580.066	62.67	-9.03	53.64	68.2	-14.56	PK
Horizontal	10580.066	49.39	-9.03	40.36	54	-13.64	AV
Horizontal	15870.004	61.87	-7.74	54.13	74	-19.87	PK
Horizontal	15870.004	49.07	-7.74	41.33	54	-12.67	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:	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	4679.175	71.82	-20.24	51.58	74	-22.42	PK
Vertical	4679.175	59.18	-20.24	38.93	54	-15.07	AV
Vertical	11490.081	64.59	-8.79	55.80	68.2	-12.40	PK
Vertical	11490.081	49.95	-8.79	41.16	54	-12.84	AV
Vertical	17235.108	58.82	-3.18	55.64	68.2	-12.56	PK
Vertical	17235.108	44.64	-3.18	41.46	54	-12.54	AV
Horizontal	4679.189	74.63	-20.73	53.90	74	-20.10	PK
Horizontal	4679.189	59.13	-20.73	38.40	54	-15.60	AV
Horizontal	11490.196	61.03	-8.79	52.24	68.2	-15.96	PK
Horizontal	11490.196	49.91	-8.79	41.12	54	-12.88	AV
Horizontal	17235.149	57.32	-3.18	54.14	68.2	-14.06	PK
Horizontal	17235.149	44.68	-3.18	41.50	54	-12.50	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.168	72.14	-20.42	51.72	74	-22.28	PK
Vertical	4592.168	59.21	-20.42	38.79	54	-15.21	AV
Vertical	11570.051	60.82	-8.86	51.96	68.2	-16.24	PK
Vertical	11570.051	49.61	-8.86	40.75	54	-13.25	AV
Vertical	17355.167	58.26	-2.52	55.74	68.2	-12.46	PK
Vertical	17355.167	44.33	-2.52	41.81	54	-12.19	AV
Horizontal	4592.186	71.24	-20.42	50.82	74	-23.18	PK
Horizontal	4592.186	59.92	-20.42	39.50	54	-14.50	AV
Horizontal	11570.027	63.51	-8.86	54.65	68.2	-13.55	PK
Horizontal	11570.027	49.81	-8.86	40.95	54	-13.05	AV
Horizontal	17355.136	55.84	-2.52	53.32	68.2	-14.88	PK
Horizontal	17355.136	44.71	-2.52	42.19	54	-11.81	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.102	71.30	-18.93	52.37	68.2	-15.83	PK
Vertical	6039.102	59.53	-18.93	40.60	54	-13.40	AV
Vertical	11650.123	63.55	-8.92	54.63	74	-19.37	PK
Vertical	11650.123	49.05	-8.92	40.13	54	-13.87	AV
Vertical	17475.061	56.75	-1.86	54.89	68.2	-13.31	PK
Vertical	17475.061	44.44	-1.86	42.58	54	-11.42	AV
Horizontal	6039.198	70.22	-18.93	51.29	68.2	-16.91	PK
Horizontal	6039.198	59.53	-18.93	40.60	54	-13.40	AV
Horizontal	11650.016	60.02	-8.92	51.10	74	-22.90	PK
Horizontal	11650.016	49.48	-8.92	40.56	54	-13.44	AV
Horizontal	17475.126	59.53	-1.86	57.67	68.2	-10.53	PK
Horizontal	17475.126	44.92	-1.86	43.06	54	-10.94	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:	TX(5.8G) - 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 (5745 MHz)-Above 1G							
Vertical	4679.123	72.75	-20.24	52.51	74	-21.49	PK
Vertical	4679.123	59.26	-20.24	39.02	54	-14.98	AV
Vertical	11490.019	64.50	-8.79	55.71	68.2	-12.49	PK
Vertical	11490.019	49.13	-8.79	40.34	54	-13.66	AV
Vertical	17235.069	58.60	-3.18	55.42	68.2	-12.78	PK
Vertical	17235.069	44.62	-3.18	41.44	54	-12.56	AV
Horizontal	4679.047	73.26	-20.24	53.02	74	-20.98	PK
Horizontal	4679.047	59.05	-20.24	38.80	54	-15.20	AV
Horizontal	11490.030	62.22	-8.79	53.43	68.2	-14.77	PK
Horizontal	11490.030	49.37	-8.79	40.58	54	-13.42	AV
Horizontal	17235.081	55.88	-3.18	52.70	68.2	-15.50	PK
Horizontal	17235.081	44.46	-3.18	41.28	54	-12.72	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.109	73.48	-20.42	53.07	74	-20.93	PK
Vertical	4592.109	59.37	-20.42	38.96	54	-15.04	AV
Vertical	11570.105	64.56	-8.86	55.70	68.2	-12.50	PK
Vertical	11570.105	49.40	-8.86	40.54	54	-13.46	AV
Vertical	17355.103	56.07	-2.52	53.55	68.2	-14.65	PK
Vertical	17355.103	44.04	-2.52	41.52	54	-12.48	AV
Horizontal	4592.184	73.06	-20.42	52.65	74	-21.35	PK
Horizontal	4592.184	59.64	-20.42	39.23	54	-14.77	AV
Horizontal	11570.077	61.89	-8.86	53.03	68.2	-15.17	PK
Horizontal	11570.077	49.61	-8.86	40.75	54	-13.25	AV
Horizontal	17355.021	57.36	-2.52	54.84	68.2	-13.36	PK
Horizontal	17355.021	44.42	-2.52	41.90	54	-12.10	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.064	73.51	-18.93	54.58	68.2	-13.62	PK
Vertical	6039.064	59.62	-18.93	40.69	54	-13.31	AV
Vertical	11650.113	62.42	-8.92	53.50	74	-20.50	PK
Vertical	11650.113	49.87	-8.92	40.95	54	-13.05	AV
Vertical	17475.136	57.87	-1.86	56.01	68.2	-12.19	PK
Vertical	17475.136	44.81	-1.86	42.95	54	-11.05	AV
Horizontal	6039.028	73.79	-18.93	54.86	68.2	-13.34	PK
Horizontal	6039.028	59.84	-18.93	40.91	54	-13.09	AV
Horizontal	11650.166	62.22	-8.92	53.30	74	-20.70	PK
Horizontal	11650.166	49.81	-8.92	40.89	54	-13.11	AV
Horizontal	17475.032	55.93	-1.86	54.07	68.2	-14.13	PK
Horizontal	17475.032	44.43	-1.86	42.57	54	-11.43	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:	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	4679.061	73.20	-20.24	52.95	74	-21.05	PK
Vertical	4679.061	59.24	-20.24	39.00	54	-15.00	AV
Vertical	11510.181	60.17	-8.81	51.36	74	-22.64	PK
Vertical	11510.181	49.61	-8.81	40.80	54	-13.20	AV
Vertical	17265.008	58.93	-3.01	55.92	68.2	-12.28	PK
Vertical	17265.008	44.65	-3.01	41.64	54	-12.36	AV
Horizontal	4679.184	74.04	-20.24	53.80	74	-20.20	PK
Horizontal	4679.184	59.07	-20.24	38.83	54	-15.17	AV
Horizontal	11510.170	60.51	-8.81	51.70	74	-22.30	PK
Horizontal	11510.170	49.84	-8.81	41.03	54	-12.97	AV
Horizontal	17265.127	56.51	-3.01	53.50	68.2	-14.70	PK
Horizontal	17265.127	44.66	-3.01	41.65	54	-12.35	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.160	72.19	-18.93	53.26	68.2	-14.94	PK
Vertical	6039.160	60.00	-18.93	41.06	54	-12.94	AV
Vertical	11590.025	60.78	-8.87	51.91	74	-22.09	PK
Vertical	11590.025	49.76	-8.87	40.89	54	-13.11	AV
Vertical	17385.065	59.89	-2.35	57.54	68.2	-10.66	PK
Vertical	17385.065	44.15	-2.35	41.80	54	-12.20	AV
Horizontal	6039.124	74.17	-18.93	55.24	68.2	-12.96	PK
Horizontal	6039.124	59.98	-18.93	41.05	54	-12.95	AV
Horizontal	11590.151	60.43	-8.87	51.56	74	-22.44	PK
Horizontal	11590.151	49.27	-8.87	40.40	54	-13.60	AV
Horizontal	17385.070	57.81	-2.35	55.46	68.2	-12.74	PK
Horizontal	17385.070	44.96	-2.35	42.61	54	-11.39	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:	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	4679.006	72.04	-20.24	51.80	74	-22.20	PK
Vertical	4679.006	59.30	-20.24	39.05	54	-14.95	AV
Vertical	11490.061	60.18	-8.79	51.39	68.2	-16.81	PK
Vertical	11490.061	49.37	-8.79	40.58	54	-13.42	AV
Vertical	17235.043	56.47	-3.18	53.29	68.2	-14.91	PK
Vertical	17235.043	44.02	-3.18	40.84	54	-13.16	AV
Horizontal	4679.197	70.26	-20.24	50.02	74	-23.98	PK
Horizontal	4679.197	59.64	-20.24	39.40	54	-14.60	AV
Horizontal	11490.068	63.52	-8.79	54.73	68.2	-13.47	PK
Horizontal	11490.068	49.52	-8.79	40.73	54	-13.27	AV
Horizontal	17235.180	57.18	-3.18	54.00	68.2	-14.20	PK
Horizontal	17235.180	44.64	-3.18	41.46	54	-12.54	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.087	73.97	-20.42	53.55	74	-20.45	PK
Vertical	4592.087	59.98	-20.42	39.56	54	-14.44	AV
Vertical	11570.006	60.76	-8.86	51.90	68.2	-16.30	PK
Vertical	11570.006	49.87	-8.86	41.01	54	-12.99	AV
Vertical	17355.152	56.90	-2.52	54.38	68.2	-13.82	PK
Vertical	17355.152	44.37	-2.52	41.85	54	-12.15	AV
Horizontal	4592.025	73.19	-20.42	52.77	74	-21.23	PK
Horizontal	4592.025	59.81	-20.42	39.39	54	-14.61	AV
Horizontal	11570.002	60.03	-8.86	51.17	68.2	-17.03	PK
Horizontal	11570.002	49.98	-8.86	41.12	54	-12.88	AV
Horizontal	17355.043	56.59	-2.52	54.07	68.2	-14.13	PK
Horizontal	17355.043	44.20	-2.52	41.68	54	-12.32	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.145	74.11	-18.93	55.18	68.2	-13.02	PK
Vertical	6039.145	59.87	-18.93	40.94	54	-13.06	AV
Vertical	11650.053	61.70	-8.92	52.78	74	-21.22	PK
Vertical	11650.053	49.93	-8.92	41.01	54	-12.99	AV
Vertical	17475.091	57.89	-1.86	56.03	68.2	-12.17	PK
Vertical	17475.091	44.94	-1.86	43.08	54	-10.92	AV
Horizontal	6039.136	74.66	-18.93	55.73	68.2	-12.47	PK
Horizontal	6039.136	59.64	-18.93	40.71	54	-13.29	AV
Horizontal	11650.194	60.49	-8.92	51.57	74	-22.43	PK
Horizontal	11650.194	49.39	-8.92	40.47	54	-13.53	AV
Horizontal	17475.057	57.74	-1.86	55.88	68.2	-12.32	PK
Horizontal	17475.057	44.39	-1.86	42.53	54	-11.47	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:	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	4679.076	71.51	-20.24	51.27	74	-22.73	PK
Vertical	4679.076	59.63	-20.24	39.38	54	-14.62	AV
Vertical	11510.120	63.77	-8.81	54.96	74	-19.04	PK
Vertical	11510.120	49.78	-8.81	40.97	54	-13.03	AV
Vertical	17265.103	56.82	-3.01	53.81	68.2	-14.39	PK
Vertical	17265.103	44.66	-3.01	41.65	54	-12.35	AV
Horizontal	4679.148	73.39	-20.24	53.15	74	-20.85	PK
Horizontal	4679.148	59.09	-20.24	38.85	54	-15.15	AV
Horizontal	11510.143	60.92	-8.81	52.11	74	-21.89	PK
Horizontal	11510.143	49.80	-8.81	40.99	54	-13.01	AV
Horizontal	17265.185	59.53	-3.01	56.52	68.2	-11.68	PK
Horizontal	17265.185	44.48	-3.01	41.47	54	-12.53	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.065	74.81	-18.93	55.88	68.2	-12.32	PK
Vertical	6039.065	59.75	-18.93	40.82	54	-13.18	AV
Vertical	11590.067	64.02	-8.87	55.15	74	-18.85	PK
Vertical	11590.067	49.89	-8.87	41.02	54	-12.98	AV
Vertical	17385.147	59.79	-2.35	57.44	68.2	-10.76	PK
Vertical	17385.147	44.55	-2.35	42.20	54	-11.80	AV
Horizontal	6039.054	71.78	-18.93	52.85	68.2	-15.35	PK
Horizontal	6039.054	59.33	-18.93	40.40	54	-13.60	AV
Horizontal	11590.110	64.84	-8.87	55.97	74	-18.03	PK
Horizontal	11590.110	49.30	-8.87	40.43	54	-13.57	AV
Horizontal	17385.053	56.90	-2.35	54.55	68.2	-13.65	PK
Horizontal	17385.053	44.02	-2.35	41.67	54	-12.33	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:	TX(5.8G) - 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)	
(5775 MHz)-Above 1G							
Vertical	4679.182	70.86	-20.24	50.61	74	-23.39	PK
Vertical	4679.182	59.10	-20.24	38.86	54	-15.14	AV
Vertical	11550.127	64.37	-8.84	55.53	74	-18.47	PK
Vertical	11550.127	49.98	-8.84	41.14	54	-12.86	AV
Vertical	17325.050	56.79	-2.68	54.11	68.2	-14.09	PK
Vertical	17325.050	44.61	-2.68	41.93	54	-12.07	AV
Horizontal	4679.066	70.29	-20.24	50.05	74	-23.95	PK
Horizontal	4679.066	59.88	-20.24	39.64	54	-14.36	AV
Horizontal	11550.148	61.20	-8.84	52.36	74	-21.64	PK
Horizontal	11550.148	49.91	-8.84	41.07	54	-12.93	AV
Horizontal	17325.173	58.90	-2.68	56.22	68.2	-11.98	PK
Horizontal	17325.173	44.58	-2.68	41.90	54	-12.10	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:	TX(5.8G) - 802.11ax-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	4679.111	73.06	-20.24	52.82	74	-21.18	PK
Vertical	4679.111	59.30	-20.24	39.06	54	-14.94	AV
Vertical	11490.133	62.83	-8.79	54.04	68.2	-14.16	PK
Vertical	11490.133	49.79	-8.79	41.00	54	-13.00	AV
Vertical	17235.054	58.64	-3.18	55.46	68.2	-12.74	PK
Vertical	17235.054	44.75	-3.18	41.57	54	-12.43	AV
Horizontal	4679.169	70.41	-20.24	50.17	74	-23.83	PK
Horizontal	4679.169	59.10	-20.24	38.86	54	-15.14	AV
Horizontal	11490.106	63.87	-8.79	55.08	68.2	-13.12	PK
Horizontal	11490.106	49.13	-8.79	40.34	54	-13.66	AV
Horizontal	17235.109	57.85	-3.18	54.67	68.2	-13.53	PK
Horizontal	17235.109	44.64	-3.18	41.46	54	-12.54	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.181	72.60	-20.42	52.18	74	-21.82	PK
Vertical	4592.181	59.43	-20.42	39.01	54	-14.99	AV
Vertical	11570.122	64.04	-8.86	55.18	68.2	-13.02	PK
Vertical	11570.122	49.91	-8.86	41.05	54	-12.95	AV
Vertical	17355.106	56.72	-2.52	54.20	68.2	-14.00	PK
Vertical	17355.106	44.84	-2.52	42.32	54	-11.68	AV
Horizontal	4592.079	72.52	-20.42	52.11	74	-21.89	PK
Horizontal	4592.079	59.12	-20.42	38.70	54	-15.30	AV
Horizontal	11570.113	63.45	-8.86	54.59	68.2	-13.61	PK
Horizontal	11570.113	49.07	-8.86	40.21	54	-13.79	AV
Horizontal	17355.014	57.46	-2.52	54.94	68.2	-13.26	PK
Horizontal	17355.014	44.91	-2.52	42.39	54	-11.61	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.134	70.20	-18.93	51.27	68.2	-16.93	PK
Vertical	6039.134	59.46	-18.93	40.53	54	-13.47	AV
Vertical	11650.171	61.14	-8.92	52.22	74	-21.78	PK
Vertical	11650.171	49.21	-8.92	40.29	54	-13.71	AV
Vertical	17475.088	58.19	-1.86	56.33	68.2	-11.87	PK
Vertical	17475.088	44.31	-1.86	42.45	54	-11.55	AV
Horizontal	6039.131	70.70	-18.93	51.76	68.2	-16.44	PK
Horizontal	6039.131	59.01	-18.93	40.08	54	-13.92	AV
Horizontal	11650.149	64.69	-8.92	55.77	74	-18.23	PK
Horizontal	11650.149	49.36	-8.92	40.44	54	-13.56	AV
Horizontal	17475.178	55.36	-1.86	53.50	68.2	-14.70	PK
Horizontal	17475.178	44.93	-1.86	43.07	54	-10.93	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:	TX(5.8G) - 802.11ax-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	4679.075	74.29	-20.24	54.05	74	-19.95	PK
Vertical	4679.075	59.73	-20.24	39.49	54	-14.51	AV
Vertical	11510.134	61.88	-8.81	53.07	74	-20.93	PK
Vertical	11510.134	49.75	-8.81	40.94	54	-13.06	AV
Vertical	17265.084	55.88	-3.01	52.87	68.2	-15.33	PK
Vertical	17265.084	44.34	-3.01	41.33	54	-12.67	AV
Horizontal	4679.137	71.67	-20.24	51.42	74	-22.58	PK
Horizontal	4679.137	59.01	-20.24	38.77	54	-15.23	AV
Horizontal	11510.007	60.67	-8.81	51.86	74	-22.14	PK
Horizontal	11510.007	49.54	-8.81	40.73	54	-13.27	AV
Horizontal	17265.156	58.82	-3.01	55.81	68.2	-12.39	PK
Horizontal	17265.156	44.91	-3.01	41.90	54	-12.10	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.127	71.68	-18.93	52.75	68.2	-15.45	PK
Vertical	6039.127	59.35	-18.93	40.42	54	-13.58	AV
Vertical	11590.117	60.54	-8.87	51.67	74	-22.33	PK
Vertical	11590.117	49.55	-8.87	40.68	54	-13.32	AV
Vertical	17385.002	55.44	-2.35	53.09	68.2	-15.11	PK
Vertical	17385.002	44.94	-2.35	42.59	54	-11.41	AV
Horizontal	6039.039	74.16	-18.93	55.23	68.2	-12.97	PK
Horizontal	6039.039	59.21	-18.93	40.28	54	-13.72	AV
Horizontal	11590.085	63.37	-8.87	54.50	74	-19.50	PK
Horizontal	11590.085	49.93	-8.87	41.06	54	-12.94	AV
Horizontal	17385.018	57.95	-2.35	55.60	68.2	-12.60	PK
Horizontal	17385.018	44.00	-2.35	41.65	54	-12.35	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:	TX(5.8G) - 802.11ax-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)	
(5775 MHz)-Above 1G							
Vertical	4679.081	74.36	-20.24	54.12	74	-19.88	PK
Vertical	4679.081	59.72	-20.24	39.48	54	-14.52	AV
Vertical	11550.142	61.36	-8.84	52.52	74	-21.48	PK
Vertical	11550.142	49.58	-8.84	40.74	54	-13.26	AV
Vertical	17325.104	55.07	-2.68	52.39	68.2	-15.81	PK
Vertical	17325.104	44.91	-2.68	42.23	54	-11.77	AV
Horizontal	4679.137	72.48	-20.24	52.24	74	-21.76	PK
Horizontal	4679.137	59.81	-20.24	39.57	54	-14.43	AV
Horizontal	11550.050	62.28	-8.84	53.44	74	-20.56	PK
Horizontal	11550.050	49.51	-8.84	40.67	54	-13.33	AV
Horizontal	17325.037	58.91	-2.68	56.23	68.2	-11.97	PK
Horizontal	17325.037	44.42	-2.68	41.74	54	-12.26	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.

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.

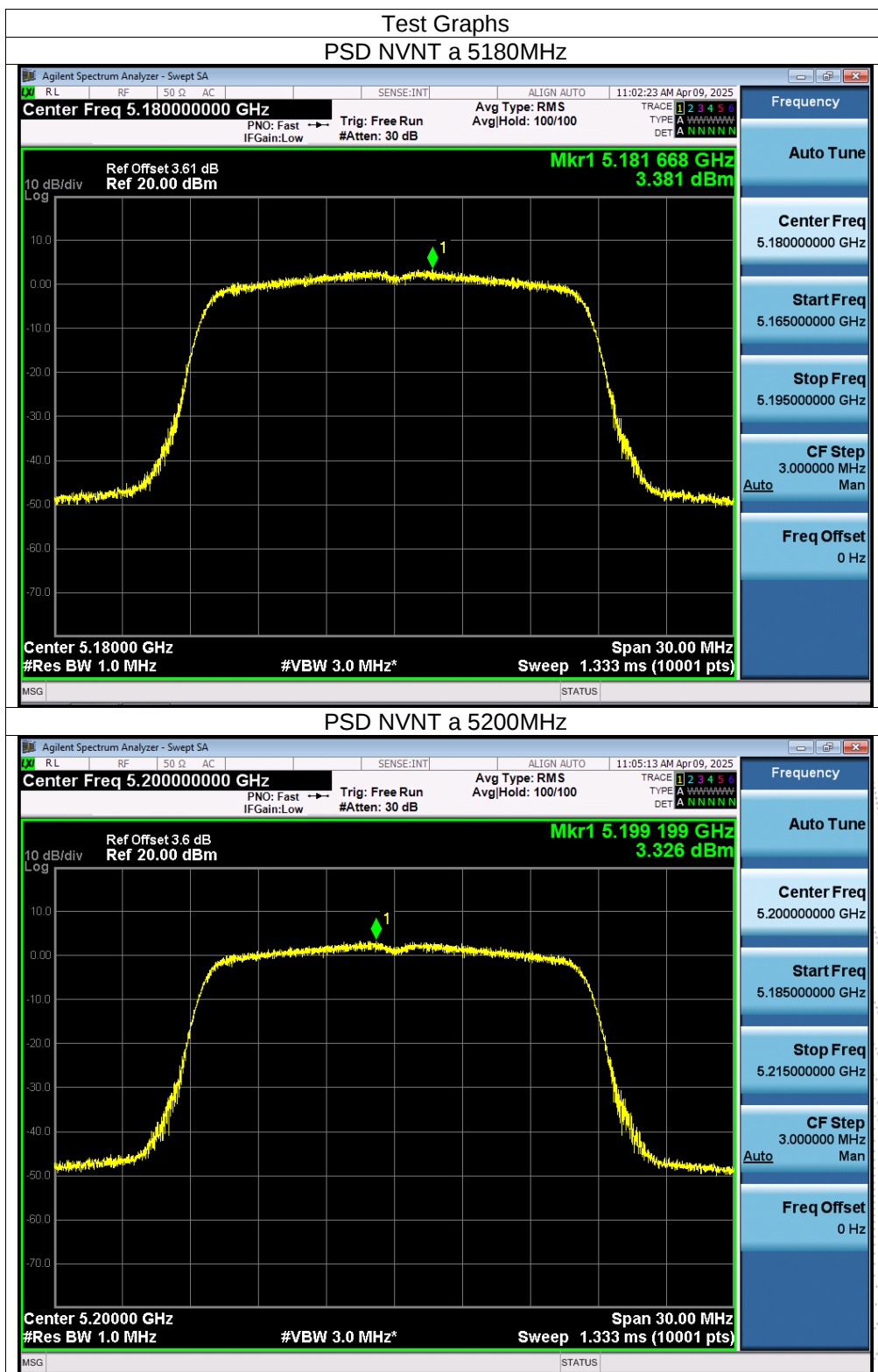
8.4 EUT Operating Conditions

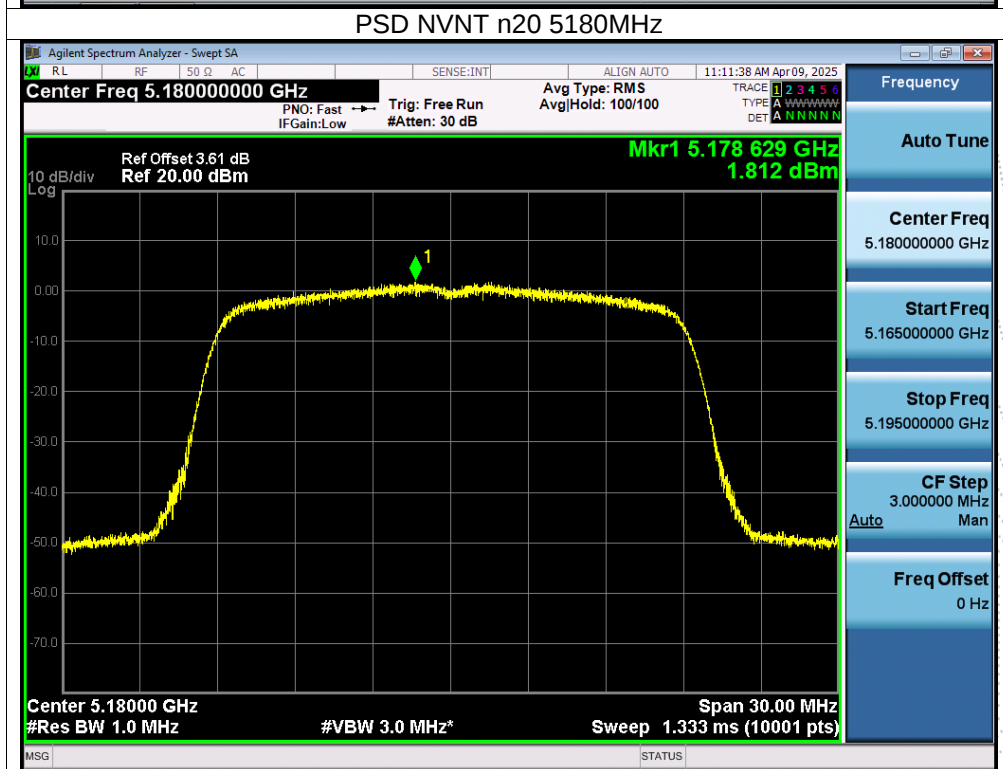
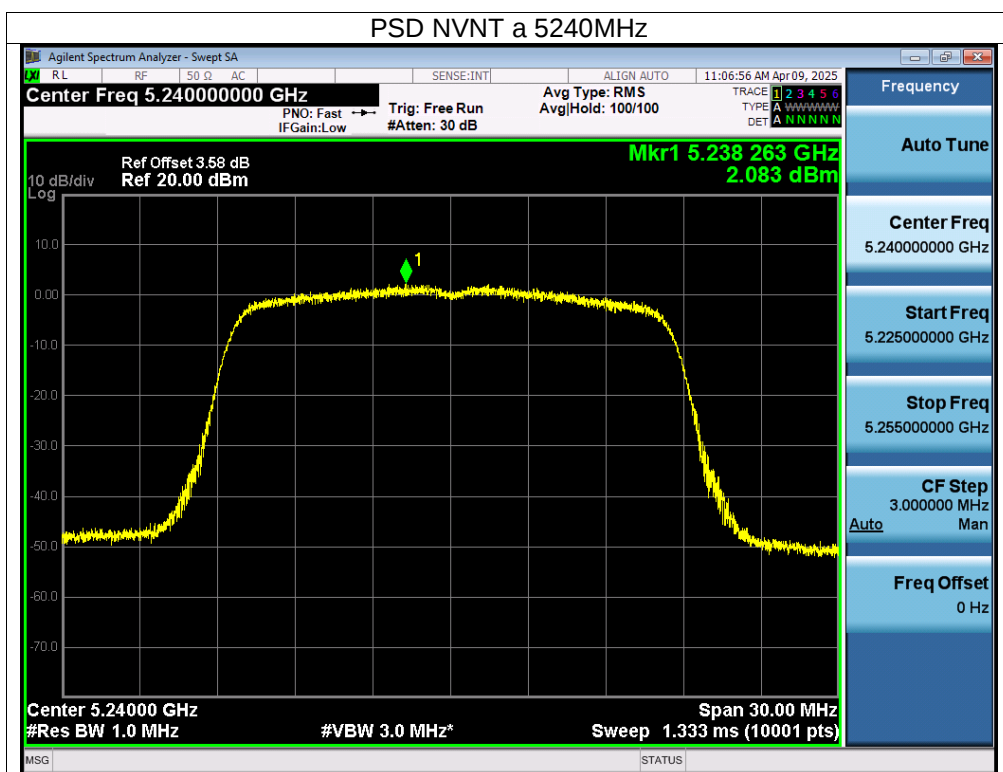
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

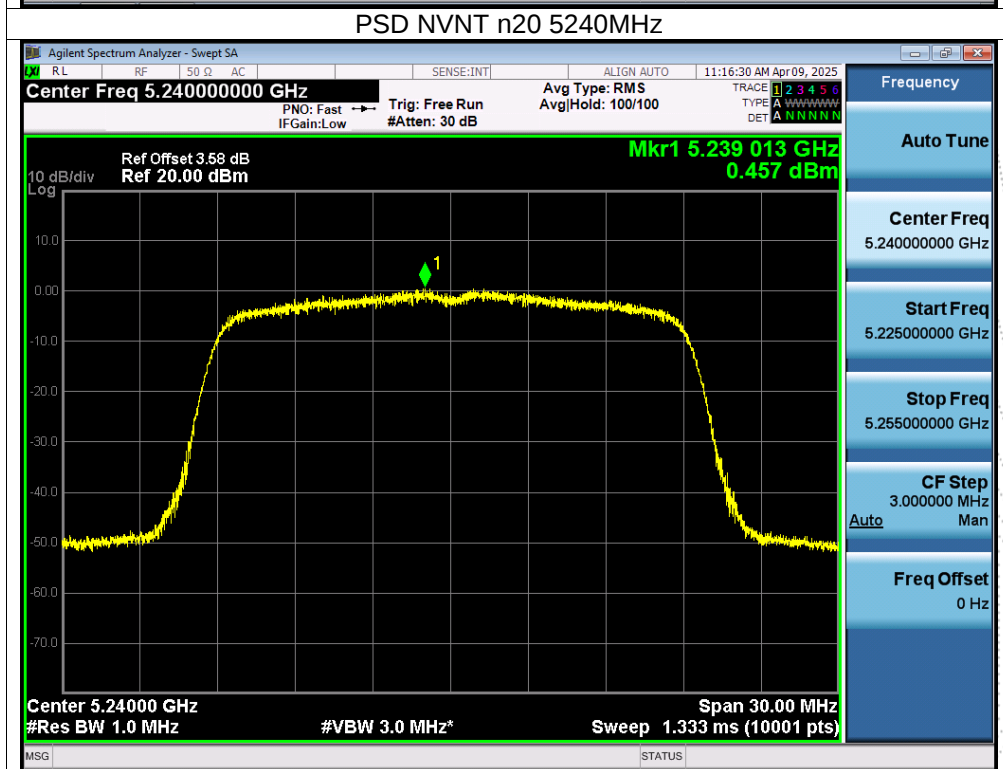
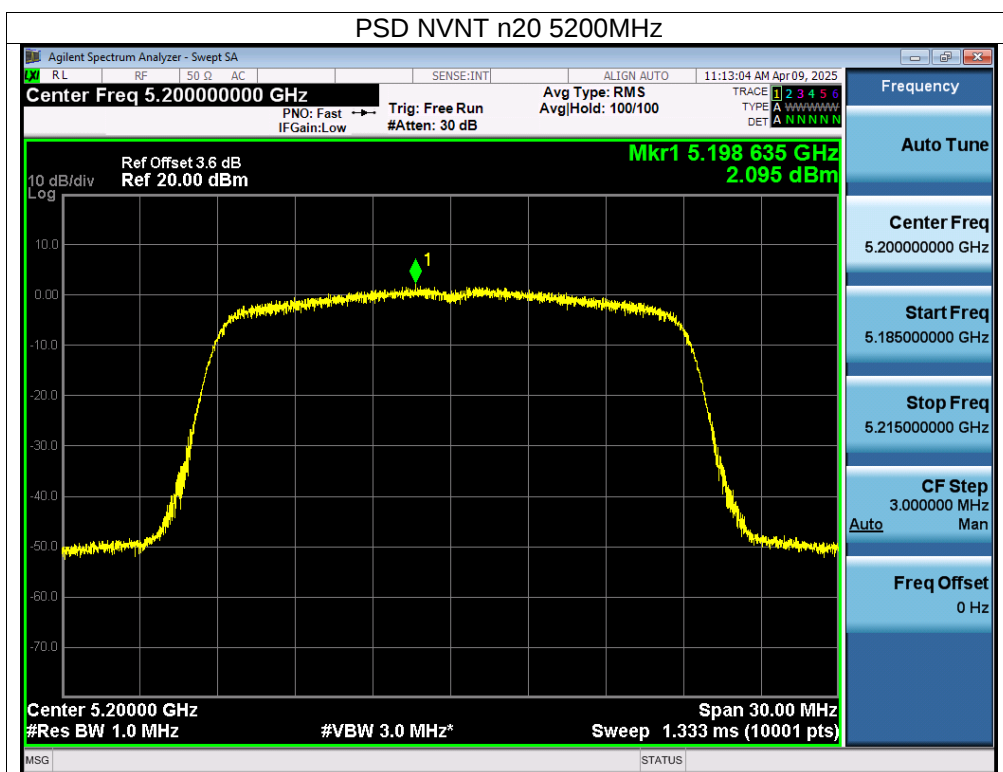
8.5 Test Result

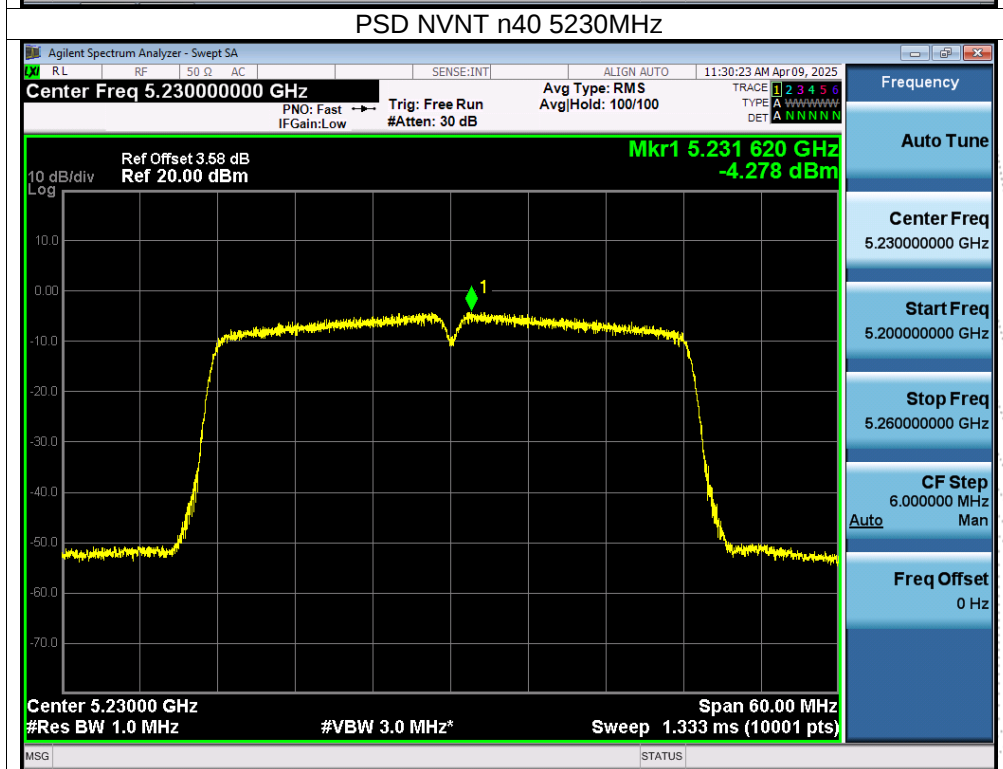
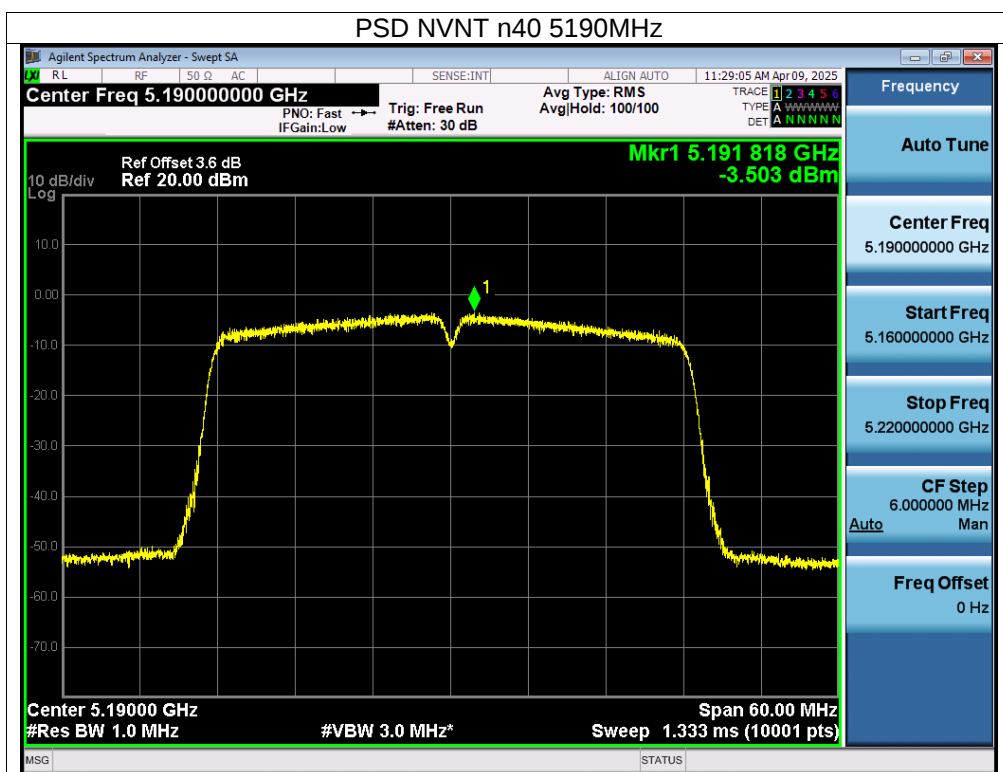
Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-1) 5180MHz-5240MHz		

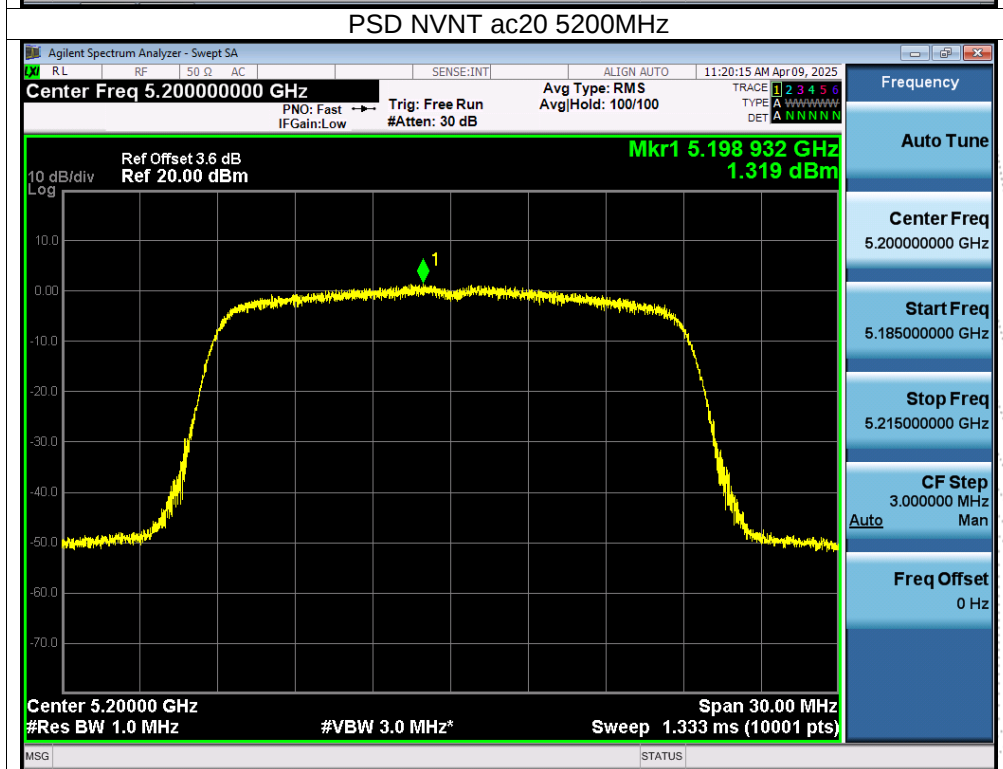
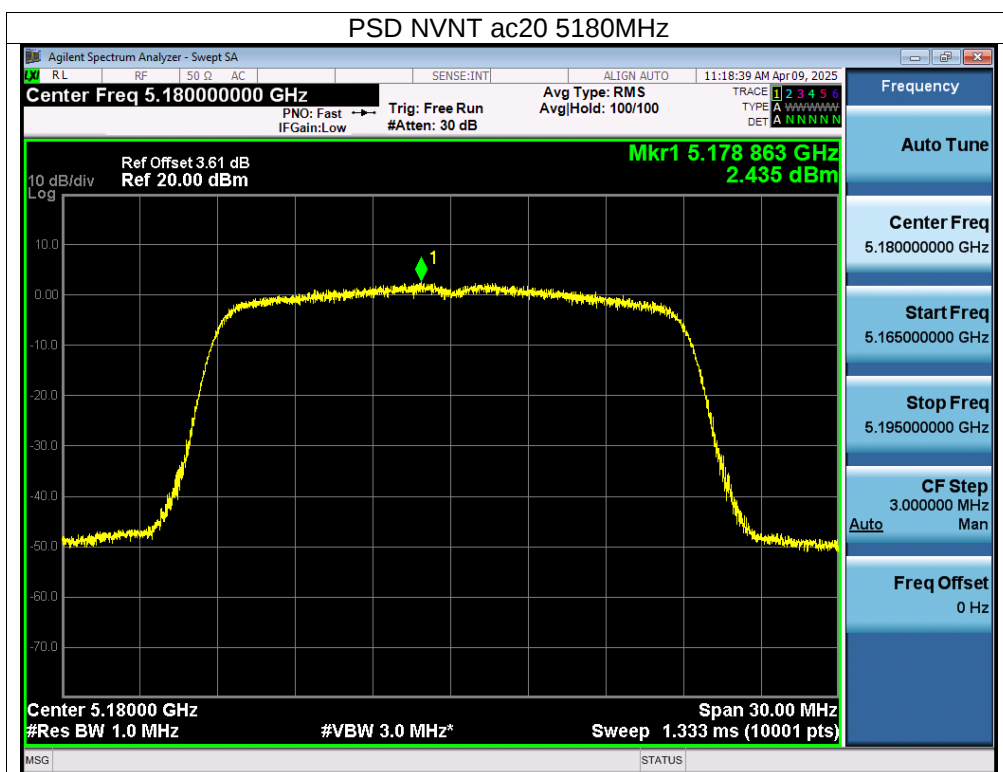
Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	3.38	11	Pass
NVNT	a	5200	3.33	11	Pass
NVNT	a	5240	2.08	11	Pass
NVNT	n20	5180	1.81	11	Pass
NVNT	n20	5200	2.1	11	Pass
NVNT	n20	5240	0.46	11	Pass
NVNT	n40	5190	-3.5	11	Pass
NVNT	n40	5230	-4.28	11	Pass
NVNT	ac20	5180	2.44	11	Pass
NVNT	ac20	5200	1.32	11	Pass
NVNT	ac20	5240	-0.08	11	Pass
NVNT	ac40	5190	-2.6	11	Pass
NVNT	ac40	5230	-4.17	11	Pass
NVNT	ac80	5210	-9.21	11	Pass
NVNT	ax20	5180	1.66	11	Pass
NVNT	ax20	5200	1.99	11	Pass
NVNT	ax20	5240	0.8	11	Pass
NVNT	ax40	5190	-3.58	11	Pass
NVNT	ax40	5230	-4.66	11	Pass
NVNT	ax80	5210	-8.48	11	Pass

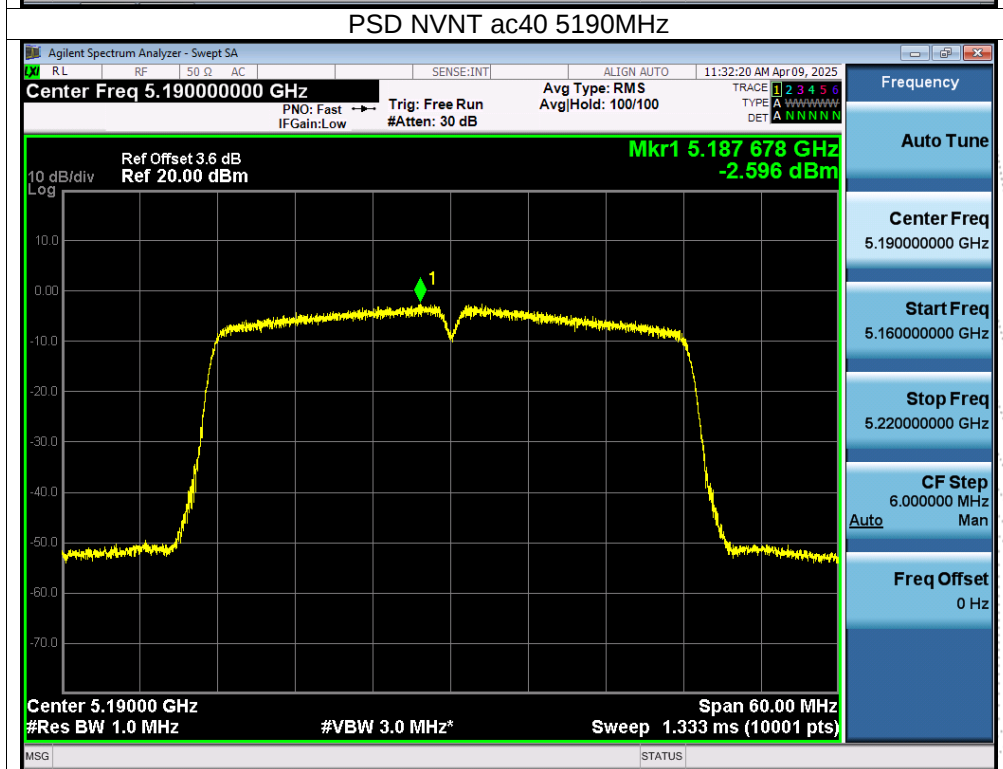
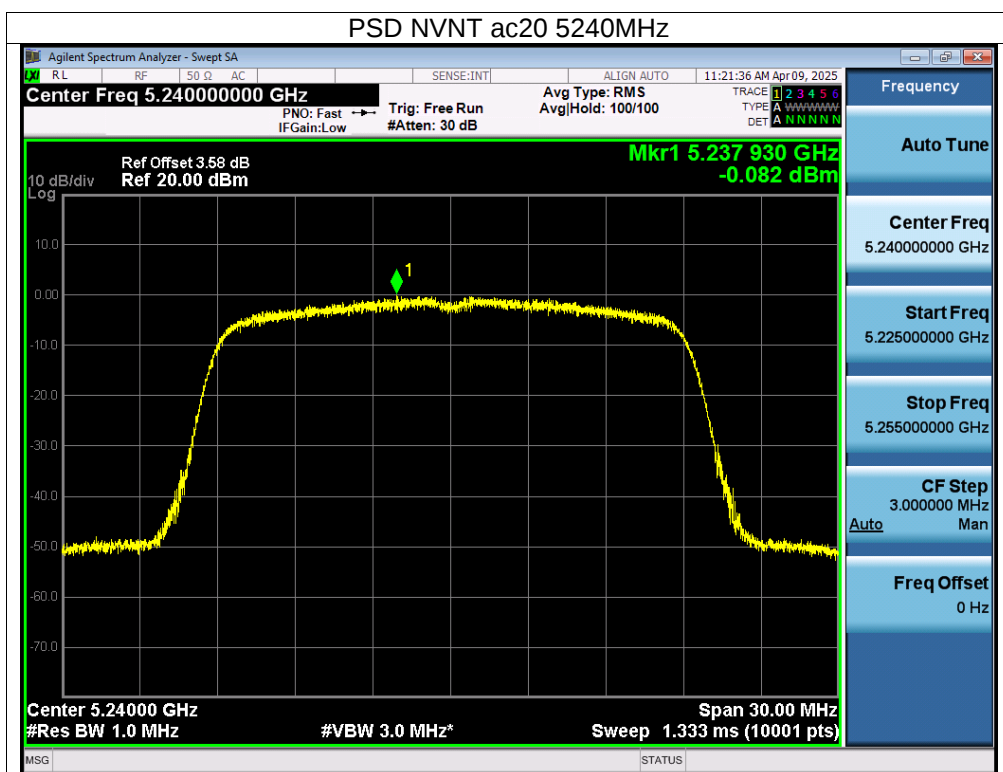


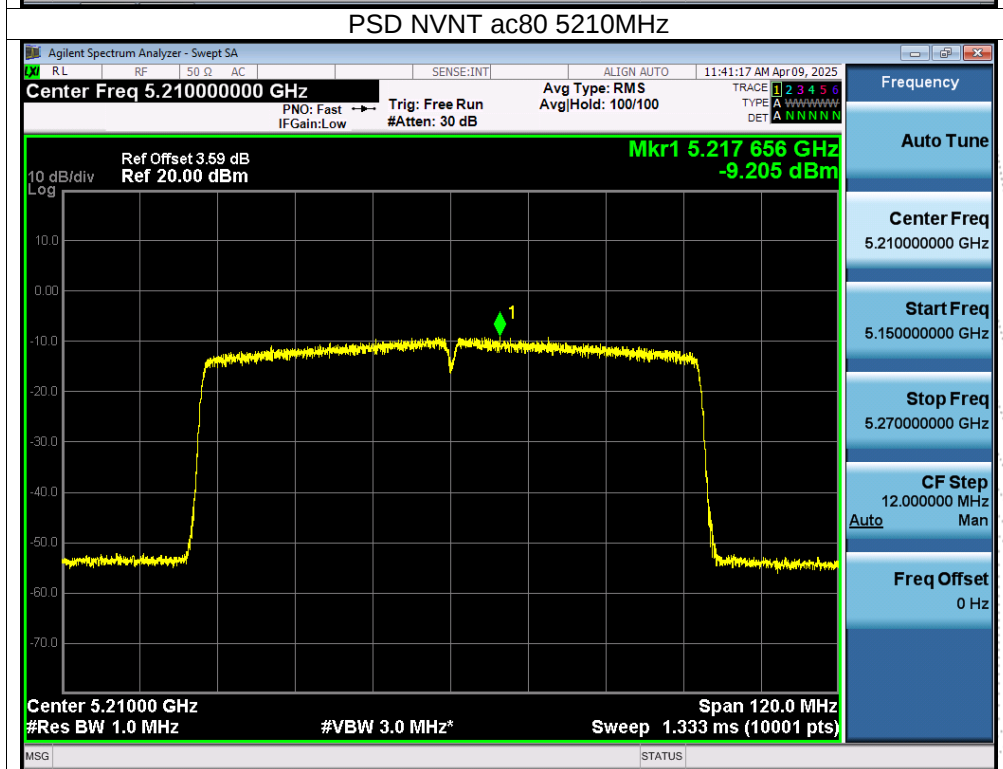
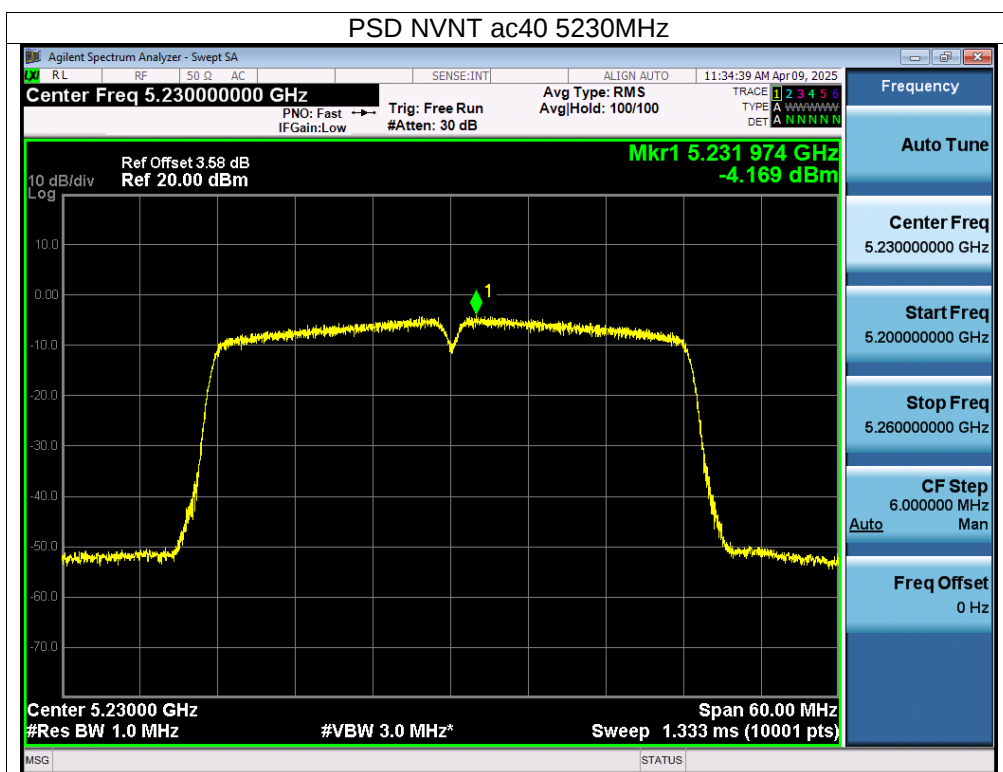


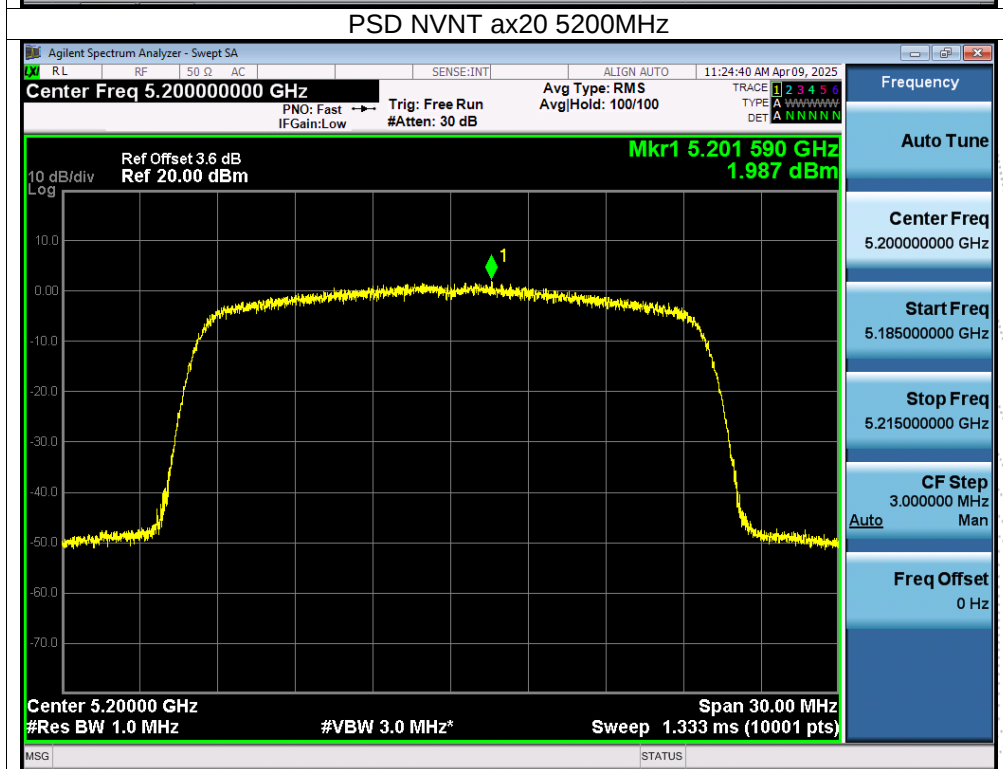
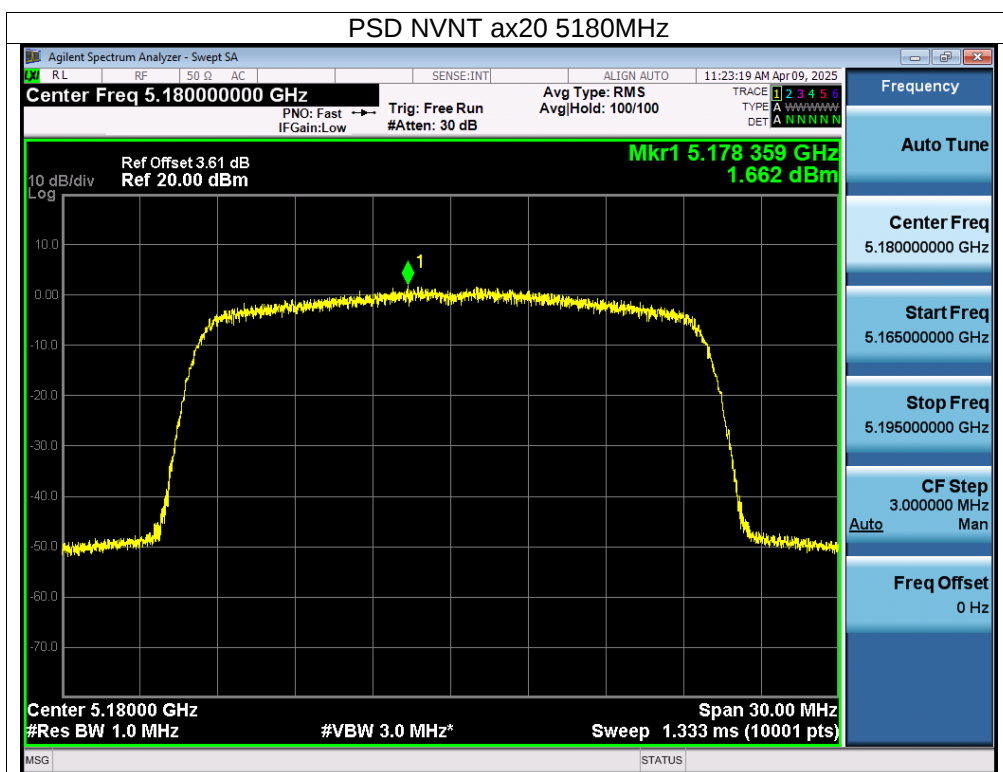


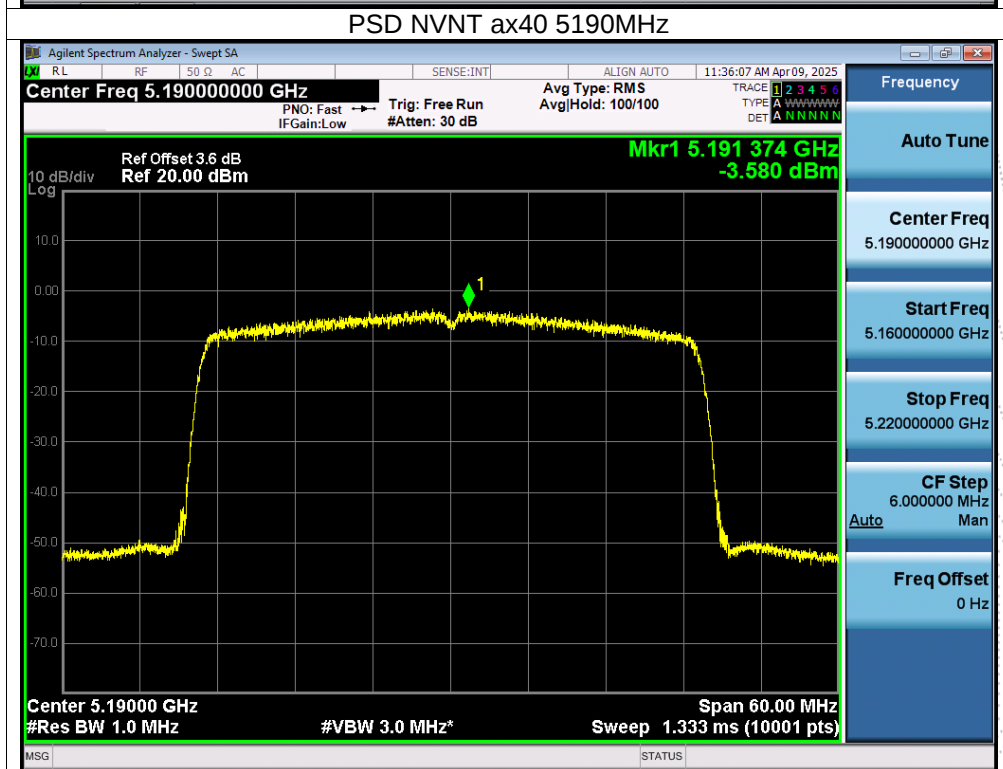
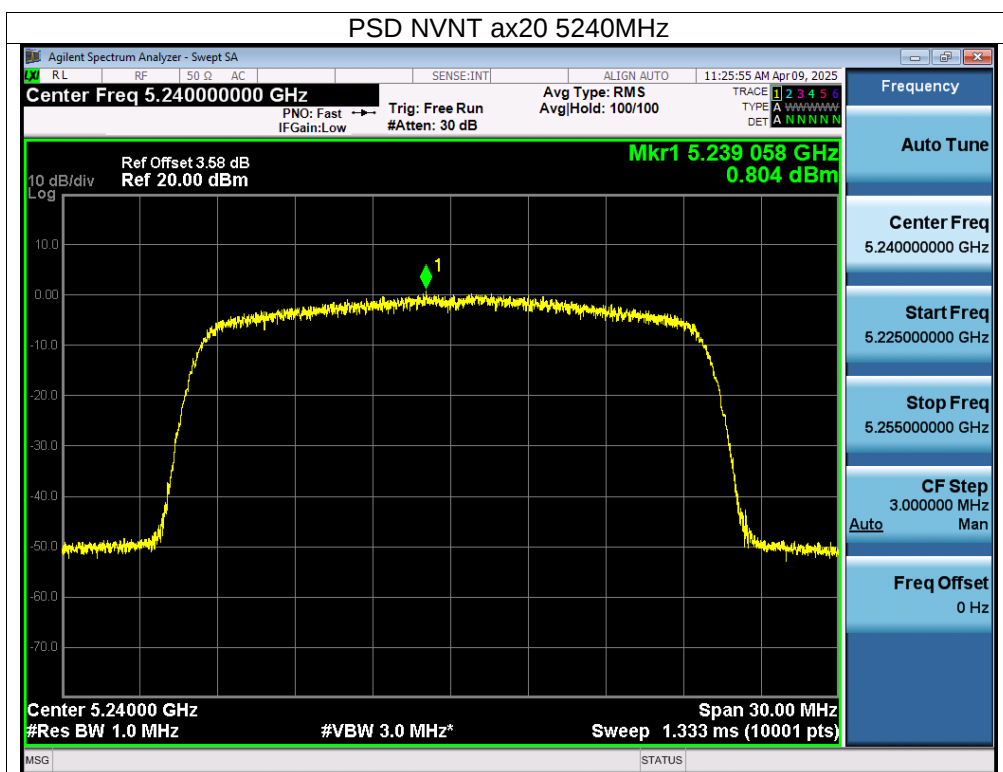


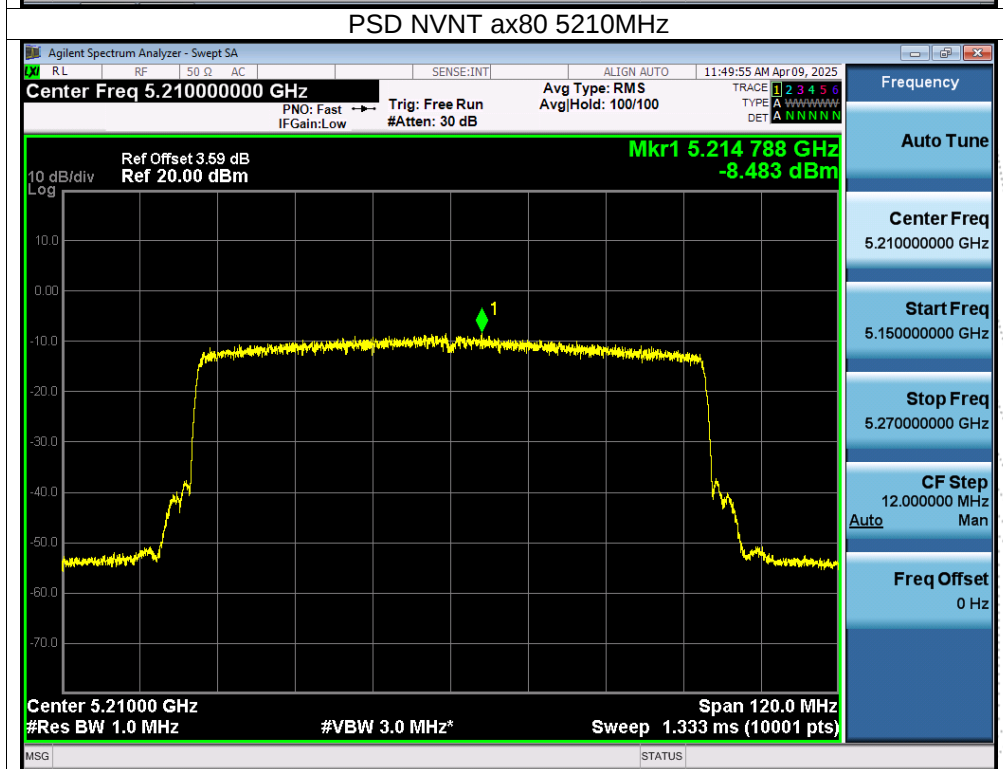
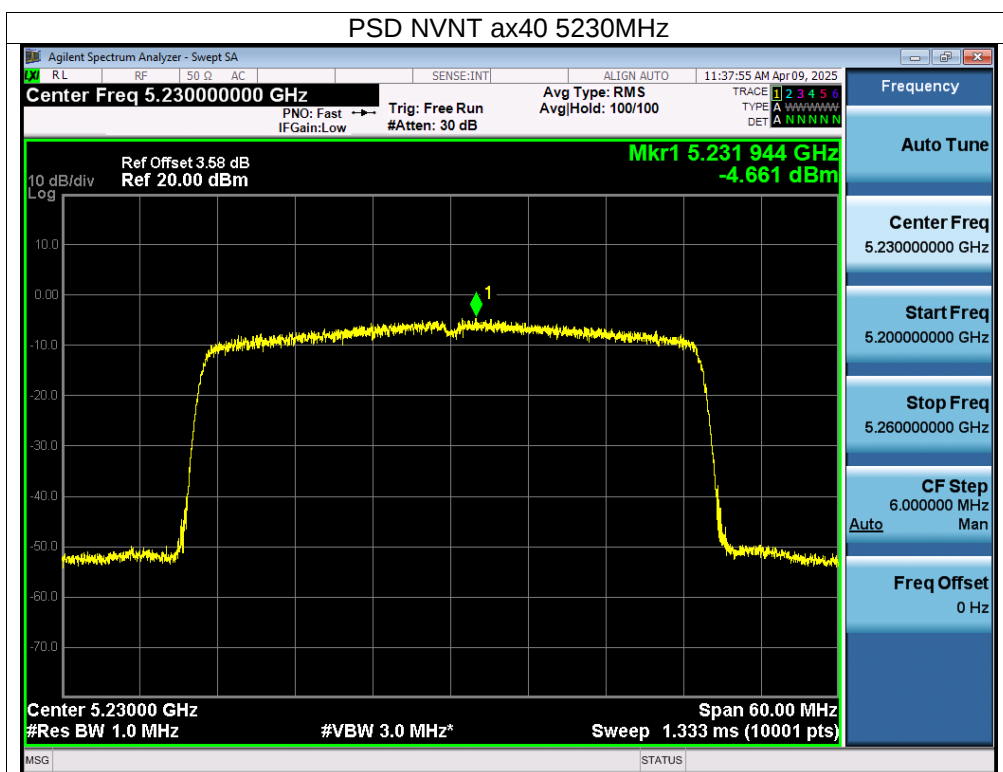












Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	(U-NII-2A) 5260MHz-5320MHz		

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5260	2.7	11	Pass
NVNT	a	5280	2.17	11	Pass
NVNT	a	5320	2.28	11	Pass
NVNT	n20	5260	2.08	11	Pass
NVNT	n20	5280	1.56	11	Pass
NVNT	n20	5320	2.44	11	Pass
NVNT	n40	5270	-3.82	11	Pass
NVNT	n40	5310	-4.52	11	Pass
NVNT	ac20	5260	2.58	11	Pass
NVNT	ac20	5280	2.61	11	Pass
NVNT	ac20	5320	2.67	11	Pass
NVNT	ac40	5270	-3.73	11	Pass
NVNT	ac40	5310	-4.07	11	Pass
NVNT	ac80	5290	-7.58	11	Pass
NVNT	ax20	5260	0.85	11	Pass
NVNT	ax20	5280	1.3	11	Pass
NVNT	ax20	5320	0.66	11	Pass
NVNT	ax40	5270	-4.01	11	Pass
NVNT	ax40	5310	-4.25	11	Pass
NVNT	ax80	5290	-8	11	Pass

