TEST REPORT

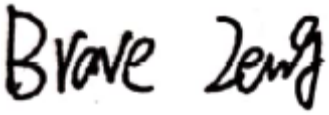
Report No.:	BCTC2412844393-4E
Applicant:	MICRO COMPUTER (HK) TECH LIMITED
Product Name:	MINI PC
Test Model:	UM870 Plus
Tested Date:	2024-12-05 to 2025-01-14
Issued Date:	2025-03-06

Shenzhen BCTC Testing Co., Ltd.

FCC ID: 2A49R-UMP

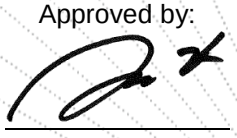
Product Name:	MINI PC
Trademark:	N/A
Model/Type reference:	UM870 Plus UM*** ******(“*” = "0-9", "A-Z", "-", “Space")
Prepared For:	MICRO COMPUTER (HK) TECH LIMITED
Address:	RM 18, 28/F, Shui On Centre, 6-8 Harbour Road, WaterfRont, Wan Chai, HK
Manufacturer:	MICRO COMPUTER (HK) TECH LIMITED
Address:	RM 18, 28/F, Shui On Centre, 6-8 Harbour Road, WaterfRont, Wan Chai, HK
Prepared By:	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
Sample Received Date:	2024-12-05
Sample tested Date:	2024-12-05 to 2025-01-14
Issue Date:	2025-03-06
Report No.:	BCTC2412844393-4E
Test Standards:	FCC Part15 15.407 ANSI C63.10-2013 KDB 662911 D01 v02r01 KDB 789033 D02 v02r01
Test Results:	PASS

Tested by:



Brave Zeng/ Project Handler

Approved by:



Zero Zhou/Reviewer

The test report is effective only with both signature and specialized stamp. This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Testing Co., Ltd, this report can’t be reproduced except in full. The tested sample(s) and the sample information are provided by the client.

Table Of Content

(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2412844393-4E	2025-03-06	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℃

4. Product Information And Test Setup

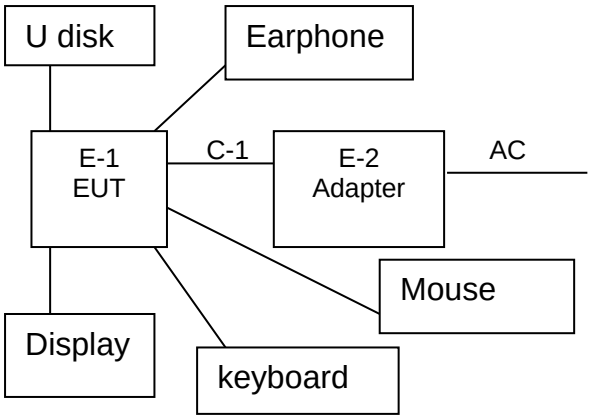
4.1 Product Information

Model/Type reference:	UM870 Plus UM*** ******(“*” = "0-9", "A-Z", "-", “Space")
Model differences:	All models are the same circuit and RF modules, the differences between models are only due to the model name and different sales regions, as well as the model of the CPU.
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)
Operation Frequency:	5180-5240MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5190-5230MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5210MHz for 802.11 ac80/ax80; 5260-5320MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5270-5310MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5290MHz for 802.11 ac80/ax80; 5500-5700MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5410-5670MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5530MHz for 802.11 ac80/ax80; 5745-5825 MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5755-5795 MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5775MHz for 802.11 ac80/ax80
Data Rate	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
Type of Modulation:	OFDM/OFDMA
Antenna installation:	Internal antenna
Antenna Gain:	4.43 dBi 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 12V from adapter
Adapter 1 Information:	Model No.: hyleton-120W-1906320 AC Input: 100-240V~50/60Hz, 2A Max DC Output: DC 19.0V 6.32A 120.0W
Adapter 2 Information:	MODEL: DSA-120PFG-19 3 190632 INPUT: 100-240V~50/60Hz 2.0A OUTPUT: +DC 19.0V 6.32A, 120.08W

4.2 Test Setup Configuration

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

Conducted Emission and Radiated Spurious Emission:



4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	MINI PC	N/A	UM870 Plus	N/A	EUT
E-2	U disk	SanDisk	32G	---	auxiliary
E-3	Earphone	IHIP	SBGE1	---	auxiliary
E-4	Display	Xiaomi	L43M7-ES	---	auxiliary
E-5	HDMI Cable	Belkin	HDMI 4k/8k	---	auxiliary
E-6	DP cable	Hwasung	20276	---	auxiliary
E-7	Display	ChangHong	55DBK	---	auxiliary
E-8	keyboard	Logitech	1641MG01DLZ8	---	auxiliary
E-9	Mouse	Logitech	M-U0026	---	auxiliary
E-10	Adapter	/	Hyleton-120W-1 906320	---	auxiliary

Item	Shielded Type	Ferrite Core	Length	Note
C-1	N/A	N/A	0M	DC cable unshielded

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/ax 20 CH36/ CH40/ CH 48 802.11a / n/ ac 20/ax 20 CH52/ CH56/ CH 64 802.11a / n/ ac 20/ax 20 CH100/ CH116/ CH 140 802.11a /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 CH102/ CH 110/CH134 802.11n/ ac40/ax 40 CH 151 / CH 159
Mode 3	802.11 ac80/ax 80 CH 42/ CH 58/ CH 106/ CH 155
Mode 4	Transmitting (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	CMD		
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

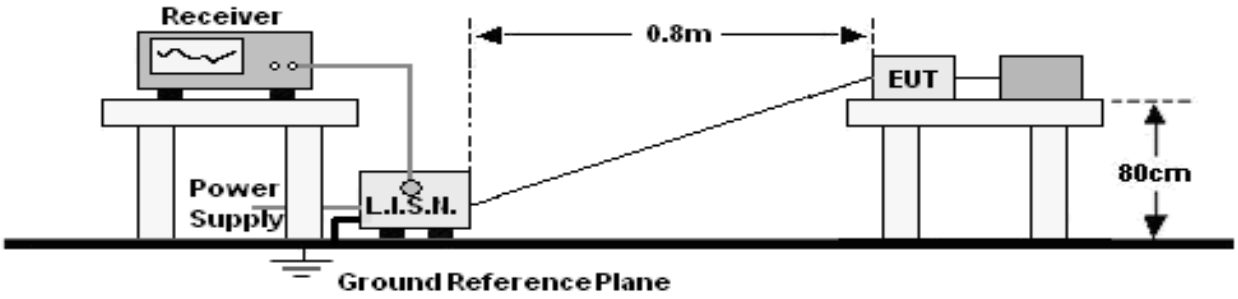
Conducted Emissions Test					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
LISN	R&S	ENV216	101375	May 16, 2024	May 15, 2025
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD9561-F	01323	May 16, 2024	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-RFCB	\	\	\
Software	MAIWEI	MTS 8310	\	\	\

Radiated Emissions Test (966 Chamber02)					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
966 chamber	SKET	966 Room	966	Oct. 31. 2024	Oct. 30. 2027
Receiver	R&S	ESR3	102075	May 16, 2024	May 15, 2025
Receiver	R&S	ESRI7	100010	Oct. 31. 2024	Oct. 30. 2025
Amplifier	SKET	LNPA-30M01G-30	SK2021082004	Oct. 31. 2024	Oct. 30. 2025
TRILOG Broadband Antenna	Schwarzbeck	VULB9168	1323	May 21, 2024	May 20, 2025
Loop Antenna(9KHz-30MHz)	Schwarzbeck	FMZB1519B	00014	May 21, 2024	May 20, 2025
Amplifier	SKET	LAPA_01G18G-45dB	SK2021040901	May 16, 2024	May 15, 2025
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 21, 2024	May 20, 2025
Amplifier(18GHz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 16, 2024	May 15, 2025
Horn Antenna(18GHz-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: 1. *Decreasing linearly with logarithm of frequency. 2. 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

a. 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).
b. 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.
c. For each frequency whose maximum record was higher or close to limit, measure its QP and AVG values and record.

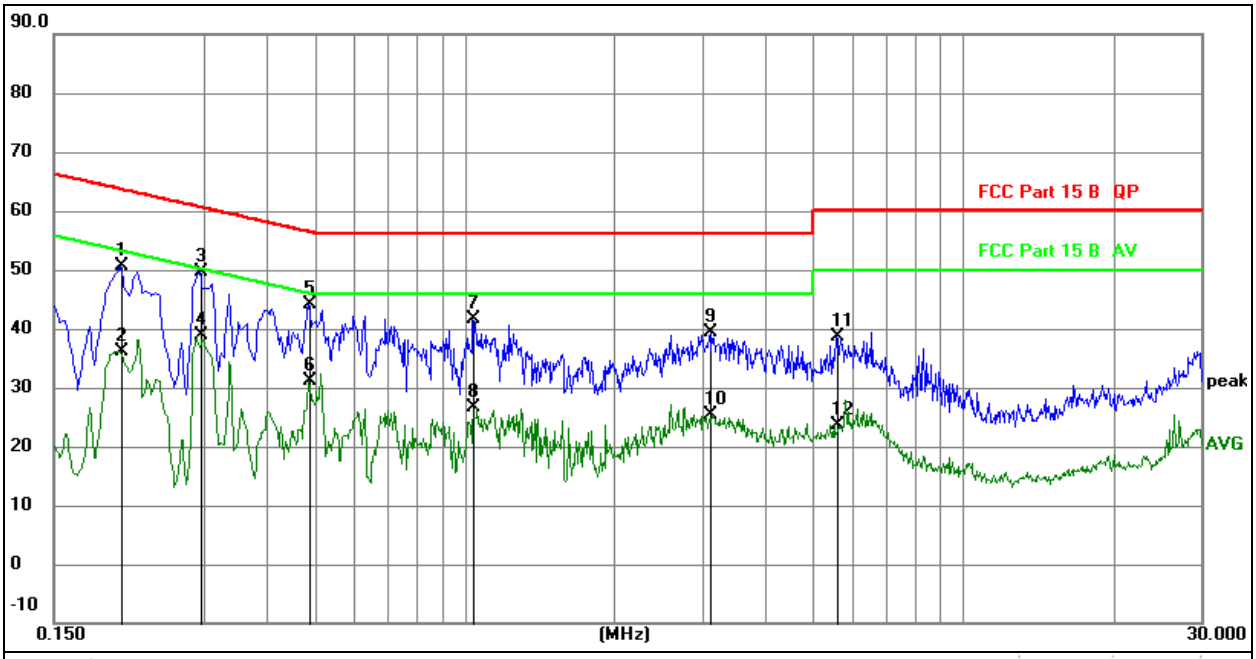
6.4 EUT Operating Conditions

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

Adapter 1

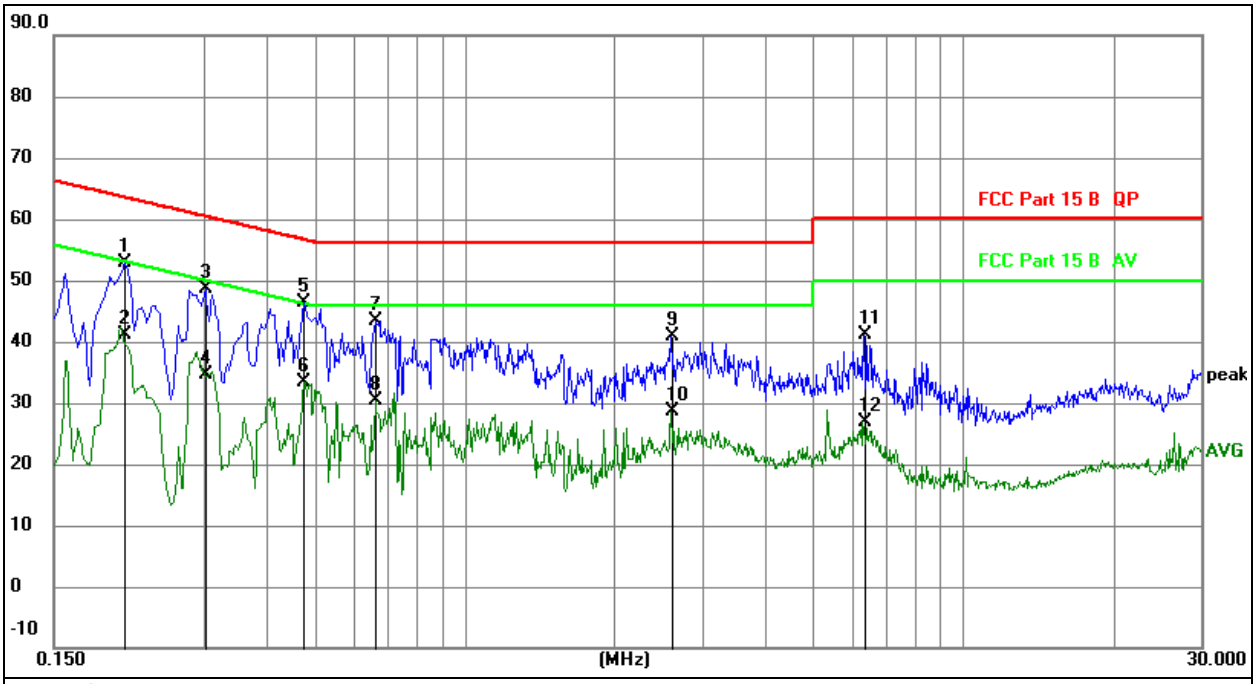
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



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	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.2040	30.56	20.07	50.63	63.45	-12.82	QP
2		0.2040	16.11	20.07	36.18	53.45	-17.27	AVG
3	*	0.2940	29.60	20.07	49.67	60.41	-10.74	QP
4		0.2940	18.73	20.07	38.80	50.41	-11.61	AVG
5		0.4875	23.97	20.08	44.05	56.21	-12.16	QP
6		0.4875	10.99	20.08	31.07	46.21	-15.14	AVG
7		1.0410	21.60	20.09	41.69	56.00	-14.31	QP
8		1.0410	6.50	20.09	26.59	46.00	-19.41	AVG
9		3.1199	19.36	20.12	39.48	56.00	-16.52	QP
10		3.1199	5.23	20.12	25.35	46.00	-20.65	AVG
11		5.5905	18.59	20.15	38.74	60.00	-21.26	QP
12		5.5905	3.49	20.15	23.64	50.00	-26.36	AVG

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz

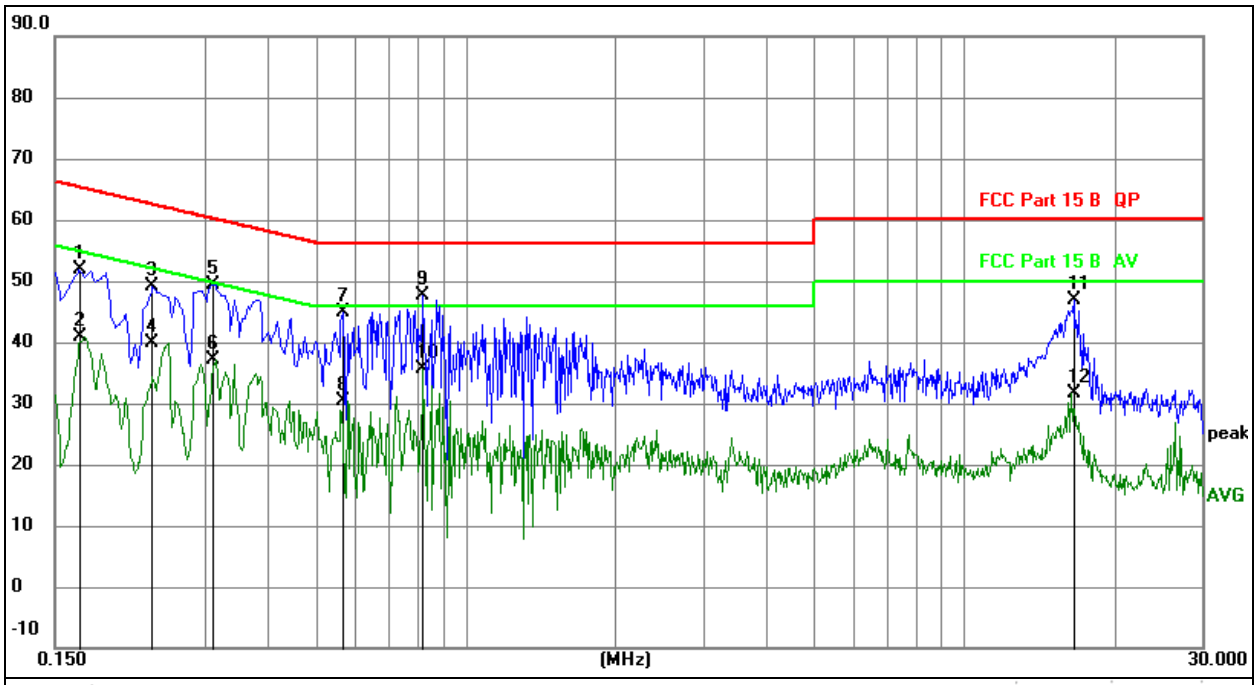


Remark:
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.2083	32.88	20.07	52.95	63.27	-10.32	QP
2		0.2083	20.98	20.07	41.05	53.27	-12.22	AVG
3		0.3019	28.51	20.07	48.58	60.19	-11.61	QP
4		0.3019	14.64	20.07	34.71	50.19	-15.48	AVG
5	*	0.4761	26.39	20.08	46.47	56.41	-9.94	QP
6		0.4761	13.25	20.08	33.33	46.41	-13.08	AVG
7		0.6613	23.34	20.09	43.43	56.00	-12.57	QP
8		0.6613	10.20	20.09	30.29	46.00	-15.71	AVG
9		2.5945	20.71	20.11	40.82	56.00	-15.18	QP
10		2.5945	8.42	20.11	28.53	46.00	-17.47	AVG
11		6.3186	20.95	20.16	41.11	60.00	-18.89	QP
12		6.3186	6.82	20.16	26.98	50.00	-23.02	AVG

Adapter 2

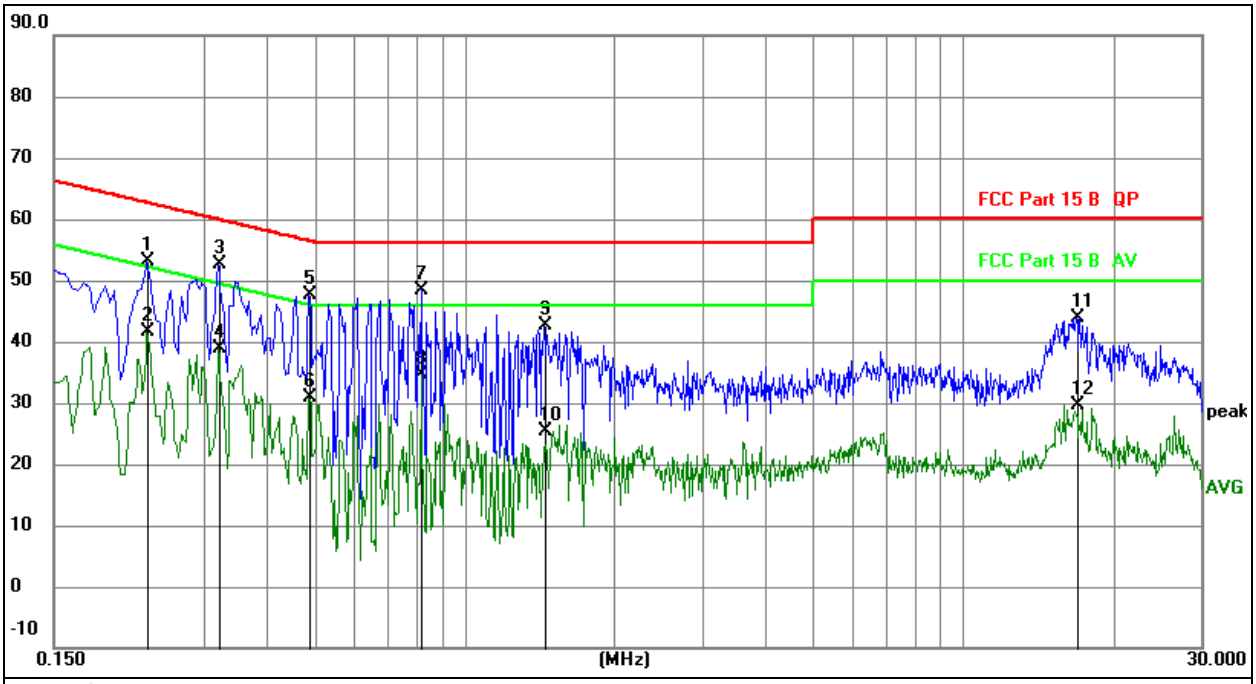
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 4	Test Voltage :	AC120V/60Hz



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	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.1677	31.72	20.07	51.79	65.07	-13.28	QP
2		0.1677	20.78	20.07	40.85	55.07	-14.22	AVG
3		0.2353	28.97	20.07	49.04	62.26	-13.22	QP
4		0.2353	19.81	20.07	39.88	52.26	-12.38	AVG
5		0.3116	29.42	20.07	49.49	59.93	-10.44	QP
6		0.3116	17.16	20.07	37.23	49.93	-12.70	AVG
7		0.5670	24.81	20.08	44.89	56.00	-11.11	QP
8		0.5670	10.39	20.08	30.47	46.00	-15.53	AVG
9	*	0.8217	27.58	20.09	47.67	56.00	-8.33	QP
10		0.8217	15.64	20.09	35.73	46.00	-10.27	AVG
11		16.5732	26.54	20.32	46.86	60.00	-13.14	QP
12		16.5732	11.36	20.32	31.68	50.00	-18.32	AVG

Temperature:	26 ℃	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

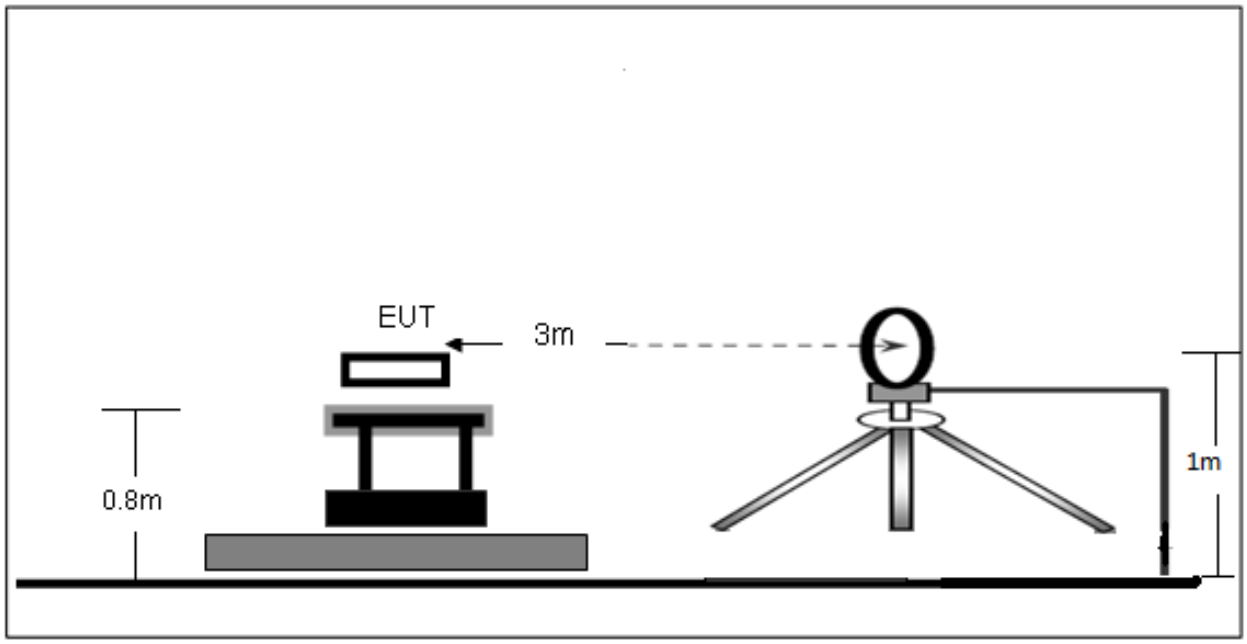
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz		dB	dBuV	dBuV	dB	Detector
1		0.2310	33.13	20.07	53.20	62.41	-9.21	QP
2		0.2310	21.65	20.07	41.72	52.41	-10.69	AVG
3	*	0.3209	32.52	20.07	52.59	59.68	-7.09	QP
4		0.3209	18.87	20.07	38.94	49.68	-10.74	AVG
5		0.4875	27.62	20.08	47.70	56.21	-8.51	QP
6		0.4875	10.83	20.08	30.91	46.21	-15.30	AVG
7		0.8204	28.25	20.09	48.34	56.00	-7.66	QP
8		0.8204	14.48	20.09	34.57	46.00	-11.43	AVG
9		1.4459	22.60	20.09	42.69	56.00	-13.31	QP
10		1.4459	5.20	20.09	25.29	46.00	-20.71	AVG
11		16.8405	23.68	20.32	44.00	60.00	-16.00	QP
12		16.8405	9.28	20.32	29.60	50.00	-20.40	AVG

Note: Two different CPU models, R7-8745H and R5-7640HS, were tested, with the worst mode being the R7-8745H model CPU.

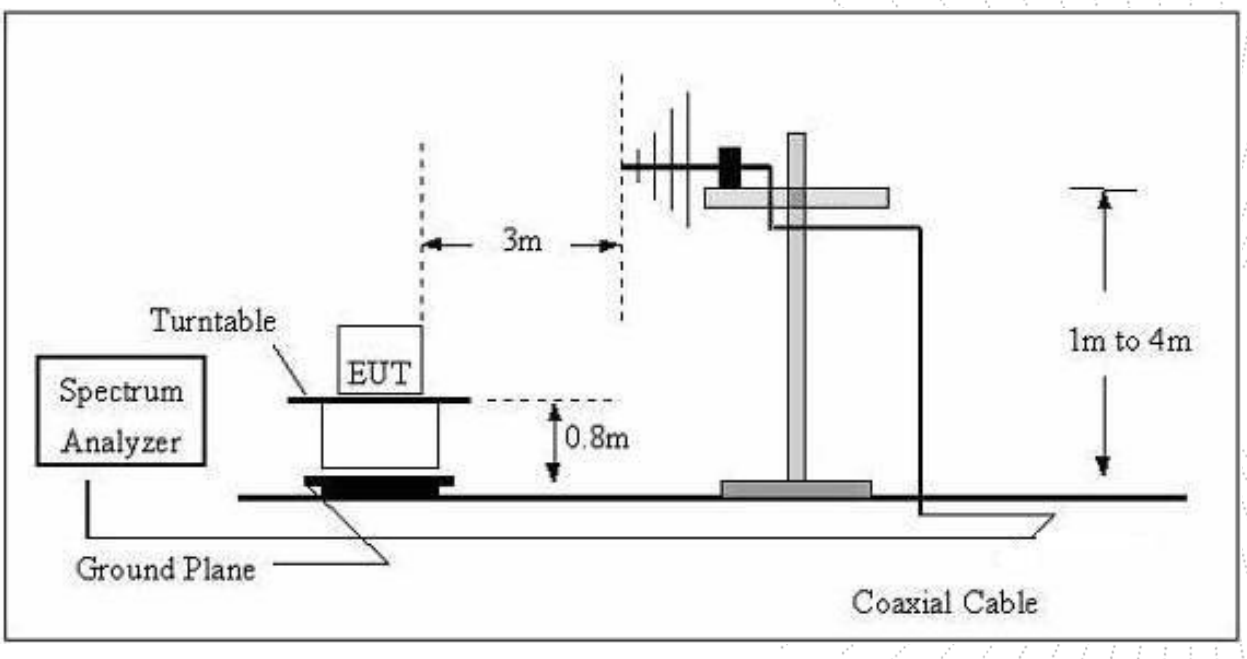
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

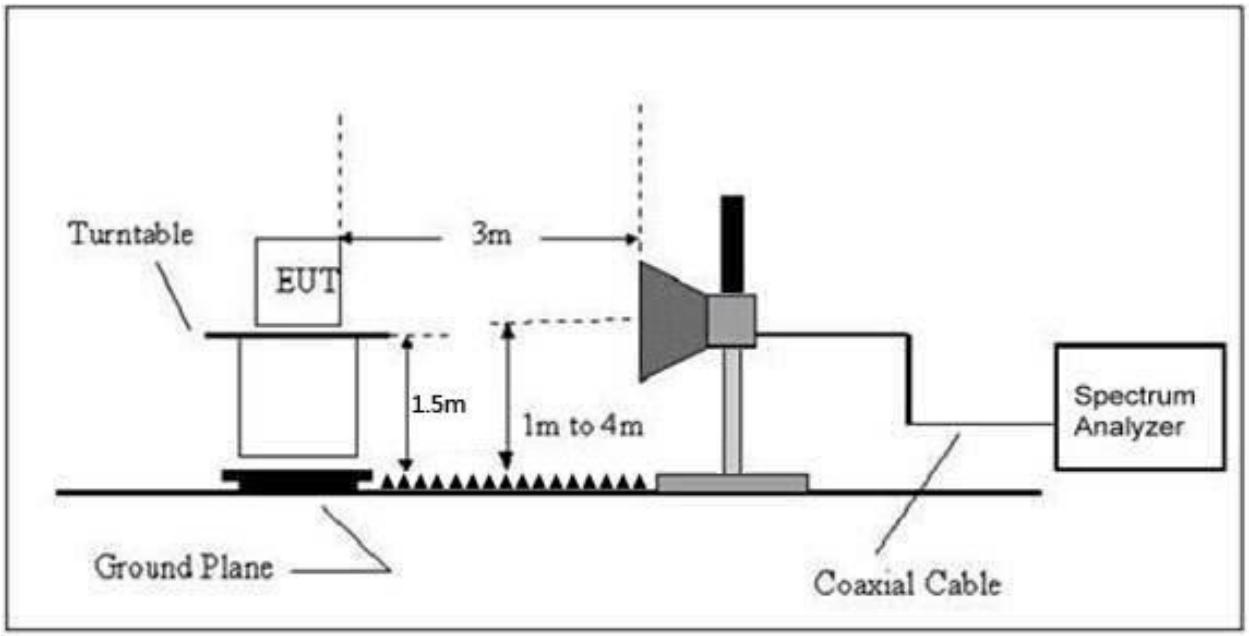
（A）Radiated Emission Test-Up Frequency Below 30MHz



（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	Field Strength	Distance	Field Strength Limit at 3m Distance	
(MHz)	uV/m	(m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	$20\log^{(2400/F(kHz))}$ + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	$20\log^{(24000/F(kHz))}$ + 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

a. 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.
b. 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.
c. 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.
d. 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.
e. 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.
f. 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*lg(100 [kHz]/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

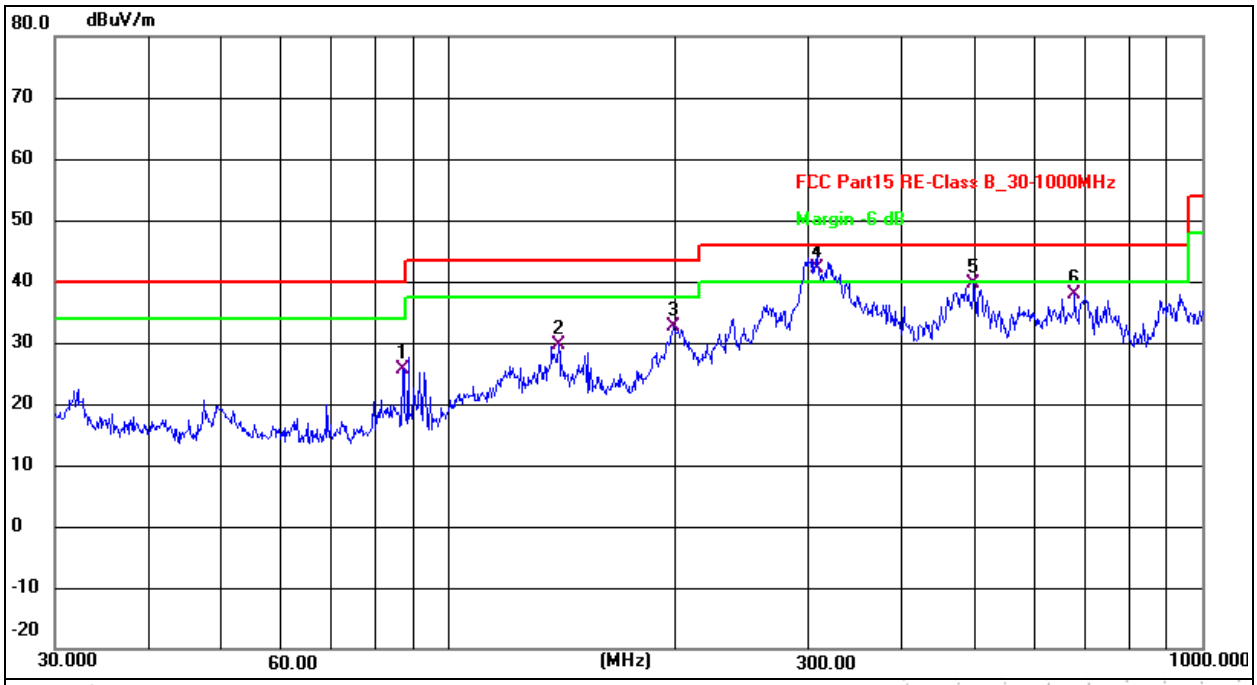
Temperature:	26℃	Relative Humidity:	24%
Pressure:	101 kPa	Test Voltage :	AC 120V/60Hz
Test Mode:	Mode 4	Polarization:	--

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	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 (specific distance/test distance)(dB);
Limit line = specific limits(dBuv) + distance extrapolation factor.

Adapter 1
Between 30MHz – 1GHz

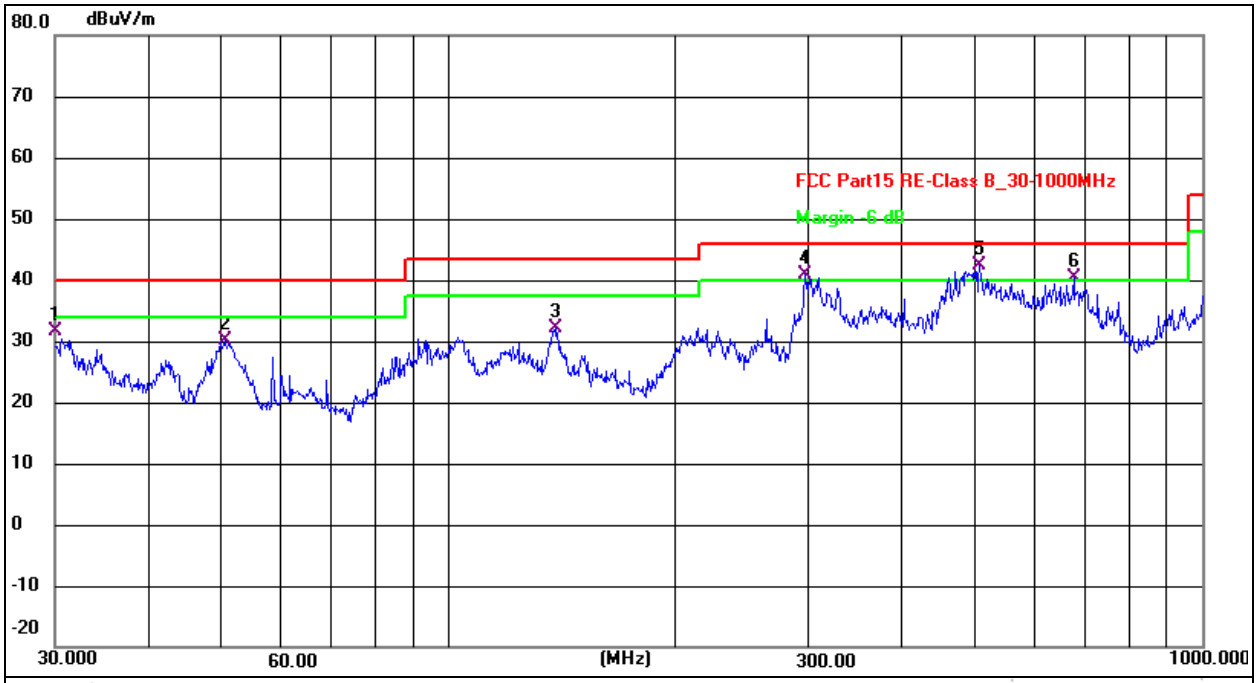
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 4	Test Voltage:	AC120V/60Hz



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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	86.8067	41.61	-15.90	25.71	40.00	-14.29	QP
2	139.8508	41.47	-11.77	29.70	43.50	-13.80	QP
3	198.5879	47.05	-14.50	32.55	43.50	-10.95	QP
4 *	307.8312	52.44	-10.36	42.08	46.00	-3.92	QP
5	497.6764	44.83	-5.26	39.57	46.00	-6.43	QP
6	677.5798	38.83	-0.89	37.94	46.00	-8.06	QP

Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 4	Test Voltage:	AC120V/60Hz

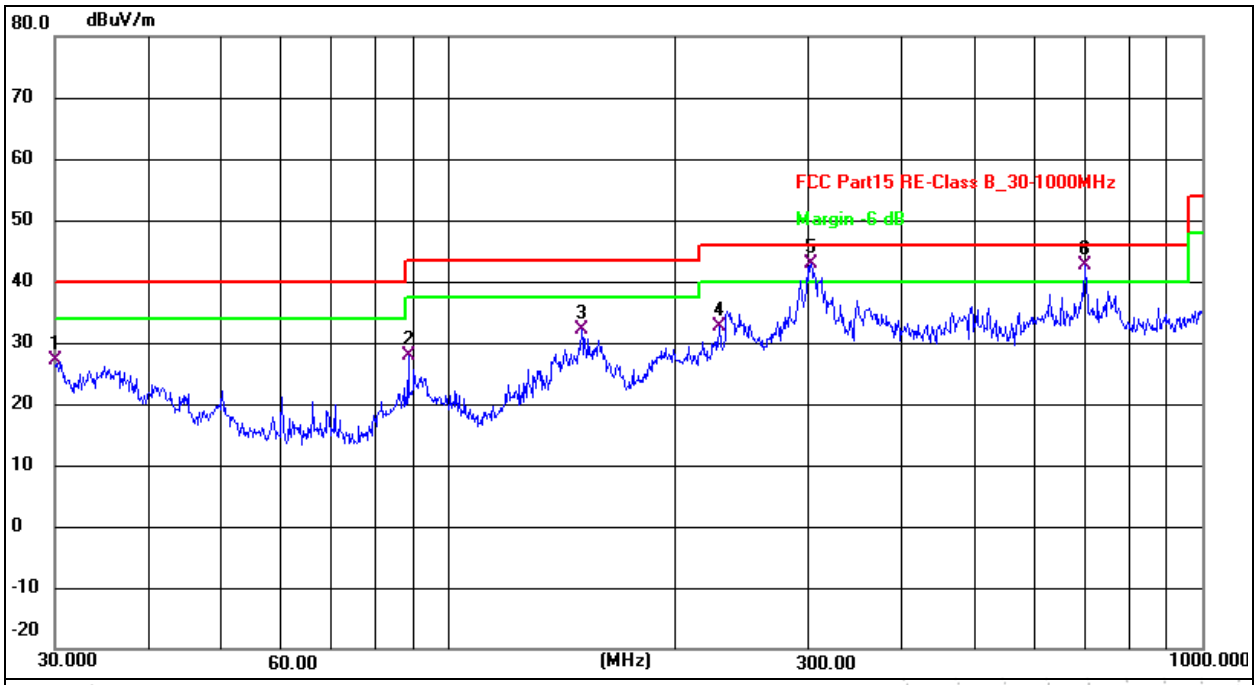


Remark:
1.Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.0000	43.79	-12.20	31.59	40.00	-8.41	QP
2	50.4089	43.80	-13.68	30.12	40.00	-9.88	QP
3	138.3873	44.02	-11.90	32.12	43.50	-11.38	QP
4 !	297.2241	51.50	-10.71	40.79	46.00	-5.21	QP
5 *	506.4791	47.48	-5.03	42.45	46.00	-3.55	QP
6 !	675.2080	41.29	-0.95	40.34	46.00	-5.66	QP

Adapter 2
Between 30MHz – 1GHz

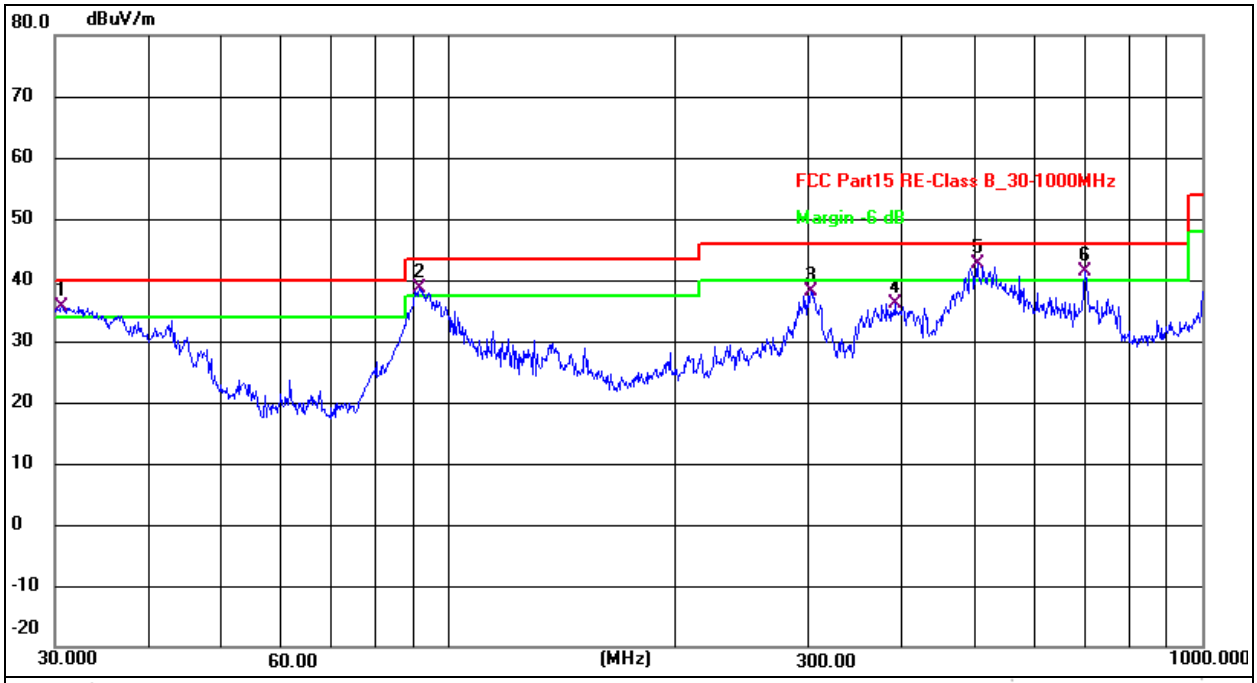
Temperature:	26 ℃	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 4	Test Voltage:	AC120V/60Hz



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

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	30.0000	39.39	-12.20	27.19	40.00	-12.81	QP
2	88.3421	43.73	-15.85	27.88	43.50	-15.62	QP
3	150.0108	43.06	-10.90	32.16	43.50	-11.34	QP
4	228.4904	46.10	-13.46	32.64	46.00	-13.36	QP
5 *	302.4812	53.48	-10.53	42.95	46.00	-3.05	QP
6 !	699.3045	43.16	-0.42	42.74	46.00	-3.26	QP

Temperature:	26 ℃	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.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	30.6377	47.88	-12.25	35.63	40.00	-4.37	QP
2 !	91.4949	54.35	-15.71	38.64	43.50	-4.86	QP
3	302.4812	48.76	-10.53	38.23	46.00	-7.77	QP
4	390.7226	44.06	-7.88	36.18	46.00	-9.82	QP
5 *	502.9395	47.76	-5.12	42.64	46.00	-3.36	QP
6 !	699.3046	41.79	-0.42	41.37	46.00	-4.63	QP

Note: Two different CPU models, R7-8745H and R5-7640HS, were tested, with the worst mode being the R7-8745H model CPU.

Between 1GHz – 40GHz

Test Mode:	TX(5.1G) - 802.11a

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	4434.143	74.38	-20.73	53.64	68.2	-14.56	PK
Vertical	4434.143	59.42	-20.73	38.69	54	-15.31	AV
Vertical	10360.177	61.33	-9.36	51.97	68.2	-16.23	PK
Vertical	10360.177	49.75	-9.36	40.39	54	-13.61	AV
Vertical	15540.064	64.36	-7.84	56.52	74	-17.48	PK
Vertical	15540.064	49.34	-7.84	41.50	54	-12.50	AV
Horizontal	4434.056	73.79	-20.73	53.06	68.2	-15.14	PK
Horizontal	4434.056	59.11	-20.73	38.38	54	-15.62	AV
Horizontal	10360.158	62.81	-9.36	53.45	68.2	-14.75	PK
Horizontal	10360.158	49.98	-9.36	40.62	54	-13.38	AV
Horizontal	15540.188	63.43	-7.84	55.59	74	-18.41	PK
Horizontal	15540.188	49.73	-7.84	41.89	54	-12.11	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.038	71.94	-20.42	51.53	74	-22.47	PK
Vertical	4592.038	59.41	-20.42	39.00	54	-15.00	AV
Vertical	10400.029	60.03	-9.30	50.73	68.2	-17.47	PK
Vertical	10400.029	49.28	-9.30	39.98	54	-14.02	AV
Vertical	15600.188	61.75	-7.82	53.93	74	-20.07	PK
Vertical	15600.188	49.93	-7.82	42.11	54	-11.89	AV
Horizontal	4592.033	72.89	-20.42	52.48	74	-21.52	PK
Horizontal	4592.033	59.57	-20.42	39.15	54	-14.85	AV
Horizontal	10400.049	62.17	-9.30	52.87	68.2	-15.33	PK
Horizontal	10400.049	49.79	-9.30	40.49	54	-13.51	AV
Horizontal	15600.179	60.65	-7.82	52.83	74	-21.17	PK
Horizontal	15600.179	49.33	-7.82	41.51	54	-12.49	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.130	70.73	-20.12	50.61	74	-23.39	PK
Vertical	4739.130	59.94	-20.12	39.81	54	-14.19	AV
Vertical	10480.060	64.06	-9.18	54.88	68.2	-13.32	PK
Vertical	10480.060	49.08	-9.18	39.90	54	-14.10	AV
Vertical	15720.021	61.48	-7.78	53.70	74	-20.30	PK
Vertical	15720.021	49.27	-7.78	41.49	54	-12.51	AV
Horizontal	4739.126	73.33	-20.12	53.21	74	-20.79	PK
Horizontal	4739.126	59.63	-20.12	39.51	54	-14.49	AV
Horizontal	10480.069	62.84	-9.18	53.66	68.2	-14.54	PK
Horizontal	10480.069	49.51	-9.18	40.33	54	-13.67	AV
Horizontal	15720.146	60.93	-7.78	53.15	74	-20.85	PK
Horizontal	15720.146	49.67	-7.78	41.89	54	-12.11	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

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	4434.058	72.80	-20.73	52.06	68.2	-16.14	PK
Vertical	4434.058	59.70	-20.73	38.97	54	-15.03	AV
Vertical	10360.022	61.56	-9.36	52.20	68.2	-16.00	PK
Vertical	10360.022	49.50	-9.36	40.14	54	-13.86	AV
Vertical	15540.128	64.14	-7.84	56.30	74	-17.70	PK
Vertical	15540.128	49.90	-7.84	42.06	54	-11.94	AV
Horizontal	4434.155	72.89	-20.73	52.16	68.2	-16.04	PK
Horizontal	4434.155	59.09	-20.73	38.36	54	-15.64	AV
Horizontal	10360.024	64.18	-9.36	54.82	68.2	-13.38	PK
Horizontal	10360.024	49.51	-9.36	40.15	54	-13.85	AV
Horizontal	15540.086	62.30	-7.84	54.46	74	-19.54	PK
Horizontal	15540.086	49.02	-7.84	41.18	54	-12.82	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.185	71.31	-20.42	50.90	74	-23.10	PK
Vertical	4592.185	59.01	-20.42	38.59	54	-15.41	AV
Vertical	10400.140	63.43	-9.30	54.13	68.2	-14.07	PK
Vertical	10400.140	49.97	-9.30	40.67	54	-13.33	AV
Vertical	15600.195	60.71	-7.82	52.89	74	-21.11	PK
Vertical	15600.195	49.32	-7.82	41.50	54	-12.50	AV
Horizontal	4592.184	71.35	-20.42	50.94	74	-23.06	PK
Horizontal	4592.184	60.00	-20.42	39.58	54	-14.42	AV
Horizontal	10400.186	64.76	-9.30	55.46	68.2	-12.74	PK
Horizontal	10400.186	49.31	-9.30	40.01	54	-13.99	AV
Horizontal	15600.110	60.37	-7.82	52.55	74	-21.45	PK
Horizontal	15600.110	49.16	-7.82	41.34	54	-12.66	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.175	71.60	-20.12	51.48	74	-22.52	PK
Vertical	4739.175	59.26	-20.12	39.14	54	-14.86	AV
Vertical	10480.012	63.00	-9.18	53.82	68.2	-14.38	PK
Vertical	10480.012	49.06	-9.18	39.88	54	-14.12	AV
Vertical	15720.005	62.81	-7.78	55.03	74	-18.97	PK
Vertical	15720.005	49.03	-7.78	41.25	54	-12.75	AV
Horizontal	4739.135	72.75	-20.12	52.63	74	-21.37	PK
Horizontal	4739.135	59.94	-20.12	39.82	54	-14.18	AV
Horizontal	10480.102	60.86	-9.18	51.68	68.2	-16.52	PK
Horizontal	10480.102	49.56	-9.18	40.38	54	-13.62	AV
Horizontal	15720.117	60.96	-7.78	53.18	74	-20.82	PK
Horizontal	15720.117	49.31	-7.78	41.53	54	-12.47	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(5.1G) - 802.11n-HT40

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	4434.182	72.53	-20.73	51.80	68.2	-16.40	PK
Vertical	4434.182	59.76	-20.73	39.02	54	-14.98	AV
Vertical	10380.000	62.62	-9.33	53.29	68.2	-14.91	PK
Vertical	10380.000	49.08	-9.33	39.75	54	-14.25	AV
Vertical	15570.030	64.67	-7.83	56.84	74	-17.16	PK
Vertical	15570.030	49.15	-7.83	41.32	54	-12.68	AV
Horizontal	4434.053	71.95	-20.73	51.22	74	-22.78	PK
Horizontal	4434.053	59.78	-20.73	39.05	54	-14.95	AV
Horizontal	10380.152	64.47	-9.33	55.14	68.2	-13.06	PK
Horizontal	10380.152	49.29	-9.33	39.96	54	-14.04	AV
Horizontal	15570.188	62.15	-7.83	54.32	74	-19.68	PK
Horizontal	15570.188	49.18	-7.83	41.35	54	-12.65	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.012	70.93	-20.12	50.81	68.2	-17.39	PK
Vertical	4739.012	59.03	-20.12	38.91	54	-15.09	AV
Vertical	10460.099	61.14	-9.21	51.93	68.2	-16.27	PK
Vertical	10460.099	49.84	-9.21	40.63	54	-13.37	AV
Vertical	15690.183	63.48	-7.79	55.69	74	-18.31	PK
Vertical	15690.183	49.46	-7.79	41.67	54	-12.33	AV
Horizontal	4739.169	72.63	-20.12	52.51	68.2	-15.69	PK
Horizontal	4739.169	59.89	-20.12	39.76	54	-14.24	AV
Horizontal	10460.037	64.88	-9.21	55.67	68.2	-12.53	PK
Horizontal	10460.037	49.99	-9.21	40.78	54	-13.22	AV
Horizontal	15690.112	62.58	-7.79	54.79	74	-19.21	PK
Horizontal	15690.112	49.01	-7.79	41.22	54	-12.78	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

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	4434.137	70.74	-20.73	50.01	68.2	-18.19	PK
Vertical	4434.137	59.41	-20.73	38.68	54	-15.32	AV
Vertical	10360.077	62.79	-9.36	53.43	68.2	-14.77	PK
Vertical	10360.077	49.20	-9.36	39.84	54	-14.16	AV
Vertical	15540.119	64.91	-7.84	57.07	74	-16.93	PK
Vertical	15540.119	49.77	-7.84	41.93	54	-12.07	AV
Horizontal	4434.088	70.78	-20.73	50.05	68.2	-18.15	PK
Horizontal	4434.088	59.93	-20.73	39.20	54	-14.80	AV
Horizontal	10360.026	64.82	-9.36	55.46	68.2	-12.74	PK
Horizontal	10360.026	49.56	-9.36	40.20	54	-13.80	AV
Horizontal	15540.051	60.51	-7.84	52.67	74	-21.33	PK
Horizontal	15540.051	49.06	-7.84	41.22	54	-12.78	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.073	71.31	-20.42	50.89	74	-23.11	PK
Vertical	4592.073	59.41	-20.42	38.99	54	-15.01	AV
Vertical	10400.143	63.84	-9.30	54.54	68.2	-13.66	PK
Vertical	10400.143	49.44	-9.30	40.14	54	-13.86	AV
Vertical	15600.089	64.19	-7.82	56.37	74	-17.63	PK
Vertical	15600.089	49.74	-7.82	41.92	54	-12.08	AV
Horizontal	4592.016	71.49	-20.42	51.07	74	-22.93	PK
Horizontal	4592.016	59.67	-20.42	39.26	54	-14.74	AV
Horizontal	10400.111	61.86	-9.30	52.56	68.2	-15.64	PK
Horizontal	10400.111	49.24	-9.30	39.94	54	-14.06	AV
Horizontal	15600.098	63.42	-7.82	55.60	74	-18.40	PK
Horizontal	15600.098	49.67	-7.82	41.85	54	-12.15	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.016	70.56	-20.12	50.44	74	-23.56	PK
Vertical	4739.016	59.82	-20.12	39.70	54	-14.30	AV
Vertical	10480.128	62.08	-9.18	52.90	68.2	-15.30	PK
Vertical	10480.128	49.78	-9.18	40.60	54	-13.40	AV
Vertical	15720.009	64.09	-7.78	56.31	74	-17.69	PK
Vertical	15720.009	49.31	-7.78	41.53	54	-12.47	AV
Horizontal	4739.149	73.09	-20.12	52.97	74	-21.03	PK
Horizontal	4739.149	59.04	-20.12	38.92	54	-15.08	AV
Horizontal	10480.106	62.36	-9.18	53.18	68.2	-15.02	PK
Horizontal	10480.106	49.65	-9.18	40.47	54	-13.53	AV
Horizontal	15720.149	63.91	-7.78	56.13	74	-17.87	PK
Horizontal	15720.149	49.09	-7.78	41.31	54	-12.69	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

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	4434.193	71.29	-20.73	50.56	68.2	-17.64	PK
Vertical	4434.193	59.54	-20.73	38.81	54	-15.19	AV
Vertical	10380.014	60.69	-9.33	51.36	68.2	-16.84	PK
Vertical	10380.014	49.64	-9.33	40.31	54	-13.69	AV
Vertical	15570.099	61.80	-7.83	53.97	74	-20.03	PK
Vertical	15570.099	49.49	-7.83	41.66	54	-12.34	AV
Horizontal	4434.145	71.77	-20.73	51.03	74	-22.97	PK
Horizontal	4434.145	59.12	-20.73	38.39	54	-15.61	AV
Horizontal	10380.008	63.14	-9.33	53.81	68.2	-14.39	PK
Horizontal	10380.008	49.61	-9.33	40.28	54	-13.72	AV
Horizontal	15570.095	63.05	-7.83	55.22	74	-18.78	PK
Horizontal	15570.095	49.45	-7.83	41.62	54	-12.38	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.159	73.51	-20.12	53.39	68.2	-14.81	PK
Vertical	4739.159	59.97	-20.12	39.85	54	-14.15	AV
Vertical	10460.018	64.38	-9.21	55.17	68.2	-13.03	PK
Vertical	10460.018	49.99	-9.21	40.78	54	-13.22	AV
Vertical	15690.141	62.27	-7.79	54.48	74	-19.52	PK
Vertical	15690.141	49.08	-7.79	41.29	54	-12.71	AV
Horizontal	4739.030	70.23	-20.12	50.11	68.2	-18.09	PK
Horizontal	4739.030	59.48	-20.12	39.36	54	-14.64	AV
Horizontal	10460.015	61.79	-9.21	52.58	68.2	-15.62	PK
Horizontal	10460.015	49.12	-9.21	39.91	54	-14.09	AV
Horizontal	15690.105	60.10	-7.79	52.31	74	-21.69	PK
Horizontal	15690.105	49.21	-7.79	41.42	54	-12.58	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

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	4434.087	73.76	-20.73	53.02	68.2	-15.18	PK
Vertical	4434.087	59.45	-20.73	38.72	54	-15.28	AV
Vertical	10420.116	62.01	-9.27	52.74	68.2	-15.46	PK
Vertical	10420.116	49.64	-9.27	40.37	54	-13.63	AV
Vertical	15630.054	63.56	-7.81	55.75	74	-18.25	PK
Vertical	15630.054	49.97	-7.81	42.16	54	-11.84	AV
Horizontal	4434.183	73.29	-20.73	52.55	68.2	-15.65	PK
Horizontal	4434.183	59.44	-20.73	38.71	54	-15.29	AV
Horizontal	10420.154	42.74	9.27	52.01	68.2	-16.19	PK
Horizontal	10420.154	29.04	9.27	38.31	54	-15.69	AV
Horizontal	15630.185	60.72	-7.81	52.91	74	-21.09	PK
Horizontal	15630.185	49.98	-7.81	42.17	54	-11.83	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

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	4434.098	71.05	-20.73	50.32	68.2	-17.88	PK
Vertical	4434.098	59.59	-20.73	38.85	54	-15.15	AV
Vertical	10360.082	64.95	-9.36	55.59	68.2	-12.61	PK
Vertical	10360.082	49.60	-9.36	40.24	54	-13.76	AV
Vertical	15540.161	61.58	-7.84	53.74	74	-20.26	PK
Vertical	15540.161	49.38	-7.84	41.54	54	-12.46	AV
Horizontal	4434.150	74.15	-20.73	53.42	68.2	-14.78	PK
Horizontal	4434.150	59.33	-20.73	38.60	54	-15.40	AV
Horizontal	10360.193	62.49	-9.36	53.13	68.2	-15.07	PK
Horizontal	10360.193	49.47	-9.36	40.11	54	-13.89	AV
Horizontal	15540.048	60.04	-7.84	52.20	74	-21.80	PK
Horizontal	15540.048	49.91	-7.84	42.07	54	-11.93	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.099	73.69	-20.42	53.27	74	-20.73	PK
Vertical	4592.099	59.99	-20.42	39.58	54	-14.42	AV
Vertical	10400.098	60.57	-9.30	51.27	68.2	-16.93	PK
Vertical	10400.098	49.74	-9.30	40.44	54	-13.56	AV
Vertical	15600.138	62.98	-7.82	55.16	74	-18.84	PK
Vertical	15600.138	49.08	-7.82	41.26	54	-12.74	AV
Horizontal	4592.054	72.89	-20.42	52.47	74	-21.53	PK
Horizontal	4592.054	59.43	-20.42	39.02	54	-14.98	AV
Horizontal	10400.190	64.27	-9.30	54.97	68.2	-13.23	PK
Horizontal	10400.190	49.91	-9.30	40.61	54	-13.39	AV
Horizontal	15600.090	62.34	-7.82	54.52	74	-19.48	PK
Horizontal	15600.090	49.16	-7.82	41.34	54	-12.66	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.033	73.31	-20.12	53.19	74	-20.81	PK
Vertical	4739.033	59.40	-20.12	39.28	54	-14.72	AV
Vertical	10480.168	64.58	-9.18	55.40	68.2	-12.80	PK
Vertical	10480.168	49.47	-9.18	40.29	54	-13.71	AV
Vertical	15720.127	60.22	-7.78	52.44	74	-21.56	PK
Vertical	15720.127	49.59	-7.78	41.81	54	-12.19	AV
Horizontal	4739.168	71.48	-20.12	51.36	74	-22.64	PK
Horizontal	4739.168	59.37	-20.12	39.25	54	-14.75	AV
Horizontal	10480.108	60.61	-9.18	51.43	68.2	-16.77	PK
Horizontal	10480.108	49.32	-9.18	40.14	54	-13.86	AV
Horizontal	15720.149	62.69	-7.78	54.91	74	-19.09	PK
Horizontal	15720.149	49.41	-7.78	41.63	54	-12.37	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

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	4434.079	72.81	-20.73	52.08	68.2	-16.12	PK
Vertical	4434.079	59.22	-20.73	38.49	54	-15.51	AV
Vertical	10380.067	61.74	-9.33	52.41	68.2	-15.79	PK
Vertical	10380.067	49.12	-9.33	39.79	54	-14.21	AV
Vertical	15570.162	62.11	-7.83	54.28	74	-19.72	PK
Vertical	15570.162	49.29	-7.83	41.46	54	-12.54	AV
Horizontal	4434.094	71.21	-20.73	50.48	74	-23.52	PK
Horizontal	4434.094	59.53	-20.73	38.80	54	-15.20	AV
Horizontal	10380.052	60.58	-9.33	51.25	68.2	-16.95	PK
Horizontal	10380.052	49.34	-9.33	40.01	54	-13.99	AV
Horizontal	15570.082	63.69	-7.83	55.86	74	-18.14	PK
Horizontal	15570.082	49.14	-7.83	41.31	54	-12.69	AV
High Channel (5230 MHz)-Above 1G							
Vertical	4739.110	73.01	-20.12	52.89	68.2	-15.31	PK
Vertical	4739.110	59.93	-20.12	39.81	54	-14.19	AV
Vertical	10460.087	63.61	-9.21	54.40	68.2	-13.80	PK
Vertical	10460.087	49.64	-9.21	40.43	54	-13.57	AV
Vertical	15690.047	63.68	-7.79	55.89	74	-18.11	PK
Vertical	15690.047	49.02	-7.79	41.23	54	-12.77	AV
Horizontal	4739.062	70.26	-20.12	50.14	68.2	-18.06	PK
Horizontal	4739.062	59.70	-20.12	39.58	54	-14.42	AV
Horizontal	10460.157	63.85	-9.21	54.64	68.2	-13.56	PK
Horizontal	10460.157	49.13	-9.21	39.92	54	-14.08	AV
Horizontal	15690.178	64.69	-7.79	56.90	74	-17.10	PK
Horizontal	15690.178	49.99	-7.79	42.20	54	-11.80	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

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	4434.195	70.38	-20.73	49.65	68.2	-18.55	PK
Vertical	4434.195	59.89	-20.73	39.16	54	-14.84	AV
Vertical	10420.112	60.03	-9.27	50.76	68.2	-17.44	PK
Vertical	10420.112	49.83	-9.27	40.56	54	-13.44	AV
Vertical	15630.019	63.53	-7.81	55.72	74	-18.28	PK
Vertical	15630.019	49.16	-7.81	41.35	54	-12.65	AV
Horizontal	4434.085	73.78	-20.73	53.05	68.2	-15.15	PK
Horizontal	4434.085	59.00	-20.73	38.27	54	-15.73	AV
Horizontal	10420.173	42.10	9.27	51.37	68.2	-16.83	PK
Horizontal	10420.173	29.07	9.27	38.34	54	-15.66	AV
Horizontal	15630.088	61.65	-7.81	53.84	74	-20.16	PK
Horizontal	15630.088	49.26	-7.81	41.45	54	-12.55	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

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	4434.066	74.50	-20.73	53.76	68.2	-14.44	PK
Vertical	4434.066	59.92	-20.73	39.19	54	-14.81	AV
Vertical	10520.070	60.62	-9.12	51.50	68.2	-16.70	PK
Vertical	10520.070	49.76	-9.12	40.64	54	-13.36	AV
Vertical	15780.026	64.06	-7.77	56.29	74	-17.71	PK
Vertical	15780.026	49.36	-7.77	41.59	54	-12.41	AV
Horizontal	4434.194	73.18	-20.73	52.45	68.2	-15.75	PK
Horizontal	4434.194	59.61	-20.73	38.88	54	-15.12	AV
Horizontal	10520.095	61.36	-9.12	52.24	68.2	-15.96	PK
Horizontal	10520.095	49.77	-9.12	40.65	54	-13.35	AV
Horizontal	15780.091	62.89	-7.77	55.12	74	-18.88	PK
Horizontal	15780.091	49.34	-7.77	41.57	54	-12.43	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.105	72.74	-20.42	52.33	74	-21.67	PK
Vertical	4592.105	59.21	-20.42	38.80	54	-15.20	AV
Vertical	10560.043	62.83	-9.06	53.77	68.2	-14.43	PK
Vertical	10560.043	49.97	-9.06	40.91	54	-13.09	AV
Vertical	15840.131	64.28	-7.75	56.53	74	-17.47	PK
Vertical	15840.131	49.38	-7.75	41.63	54	-12.37	AV
Horizontal	4592.081	73.17	-20.42	52.75	74	-21.25	PK
Horizontal	4592.081	59.78	-20.42	39.37	54	-14.63	AV
Horizontal	10560.044	61.70	-9.06	52.64	68.2	-15.56	PK
Horizontal	10560.044	50.00	-9.06	40.94	54	-13.06	AV
Horizontal	15840.139	64.50	-7.75	56.75	74	-17.25	PK
Horizontal	15840.139	49.88	-7.75	42.13	54	-11.87	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.079	73.49	-20.12	53.37	74	-20.63	PK
Vertical	4739.079	59.91	-20.12	39.78	54	-14.22	AV
Vertical	10640.015	61.89	-8.94	52.95	68.2	-15.25	PK
Vertical	10640.015	49.63	-8.94	40.69	54	-13.31	AV
Vertical	15960.114	63.18	-7.71	55.47	74	-18.53	PK
Vertical	15960.114	49.91	-7.71	42.20	54	-11.80	AV
Horizontal	4739.044	70.79	-20.12	50.67	74	-23.33	PK
Horizontal	4739.044	59.21	-20.12	39.09	54	-14.91	AV
Horizontal	10640.051	64.36	-8.94	55.42	68.2	-12.78	PK
Horizontal	10640.051	49.66	-8.94	40.72	54	-13.28	AV
Horizontal	15960.128	61.59	-7.71	53.88	74	-20.12	PK
Horizontal	15960.128	49.05	-7.71	41.34	54	-12.66	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

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	4434.033	71.22	-20.73	50.49	68.2	-17.71	PK
Vertical	4434.033	59.27	-20.73	38.53	54	-15.47	AV
Vertical	10520.083	60.05	-9.12	50.93	68.2	-17.27	PK
Vertical	10520.083	49.44	-9.12	40.32	54	-13.68	AV
Vertical	15780.087	61.53	-7.77	53.76	74	-20.24	PK
Vertical	15780.087	49.67	-7.77	41.90	54	-12.10	AV
Horizontal	4434.194	72.82	-20.73	52.09	68.2	-16.11	PK
Horizontal	4434.194	59.71	-20.73	38.97	54	-15.03	AV
Horizontal	10520.106	61.34	-9.12	52.22	68.2	-15.98	PK
Horizontal	10520.106	49.90	-9.12	40.78	54	-13.22	AV
Horizontal	15780.111	64.28	-7.77	56.51	74	-17.49	PK
Horizontal	15780.111	49.84	-7.77	42.07	54	-11.93	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.006	71.13	-20.42	50.71	74	-23.29	PK
Vertical	4592.006	59.81	-20.42	39.40	54	-14.60	AV
Vertical	10560.183	61.49	-9.06	52.43	68.2	-15.77	PK
Vertical	10560.183	49.93	-9.06	40.87	54	-13.13	AV
Vertical	15840.147	63.03	-7.75	55.28	74	-18.72	PK
Vertical	15840.147	49.47	-7.75	41.72	54	-12.28	AV
Horizontal	4592.183	71.83	-20.42	51.42	74	-22.58	PK
Horizontal	4592.183	59.13	-20.42	38.72	54	-15.28	AV
Horizontal	10560.124	61.24	-9.06	52.18	68.2	-16.02	PK
Horizontal	10560.124	49.72	-9.06	40.66	54	-13.34	AV
Horizontal	15840.164	62.17	-7.75	54.42	74	-19.58	PK
Horizontal	15840.164	49.35	-7.75	41.60	54	-12.40	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.154	74.76	-20.12	54.64	74	-19.36	PK
Vertical	4739.154	59.45	-20.12	39.32	54	-14.68	AV
Vertical	10640.035	63.85	-8.94	54.91	68.2	-13.29	PK
Vertical	10640.035	49.77	-8.94	40.83	54	-13.17	AV
Vertical	15960.135	63.60	-7.71	55.89	74	-18.11	PK
Vertical	15960.135	49.29	-7.71	41.58	54	-12.42	AV
Horizontal	4739.081	73.05	-20.12	52.93	74	-21.07	PK
Horizontal	4739.081	59.07	-20.12	38.95	54	-15.05	AV
Horizontal	10640.079	64.18	-8.94	55.24	68.2	-12.96	PK
Horizontal	10640.079	49.09	-8.94	40.15	54	-13.85	AV
Horizontal	15960.137	60.80	-7.71	53.09	74	-20.91	PK
Horizontal	15960.137	49.79	-7.71	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:	TX(5.3G) - 802.11n-HT40

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 (5270 MHz)-Above 1G							
Vertical	4434.154	72.53	-20.73	51.79	68.2	-16.41	PK
Vertical	4434.154	59.85	-20.73	39.12	54	-14.88	AV
Vertical	10540.121	62.19	-9.09	53.10	68.2	-15.10	PK
Vertical	10540.121	49.11	-9.09	40.02	54	-13.98	AV
Vertical	15810.010	64.11	-7.76	56.35	74	-17.65	PK
Vertical	15810.010	49.41	-7.76	41.65	54	-12.35	AV
Horizontal	4434.087	71.36	-20.73	50.63	74	-23.37	PK
Horizontal	4434.087	59.76	-20.73	39.03	54	-14.97	AV
Horizontal	10540.111	63.81	-9.09	54.72	68.2	-13.48	PK
Horizontal	10540.111	49.25	-9.09	40.16	54	-13.84	AV
Horizontal	15810.032	60.92	-7.76	53.16	74	-20.84	PK
Horizontal	15810.032	49.69	-7.76	41.93	54	-12.07	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.004	73.44	-20.12	53.32	68.2	-14.88	PK
Vertical	4739.004	59.29	-20.12	39.16	54	-14.84	AV
Vertical	10620.092	61.83	-8.97	52.86	68.2	-15.34	PK
Vertical	10620.092	49.37	-8.97	40.40	54	-13.60	AV
Vertical	15930.093	61.55	-7.72	53.83	74	-20.17	PK
Vertical	15930.093	49.76	-7.72	42.04	54	-11.96	AV
Horizontal	4739.181	74.58	-20.12	54.46	68.2	-13.74	PK
Horizontal	4739.181	59.95	-20.12	39.83	54	-14.17	AV
Horizontal	10620.015	64.57	-8.97	55.60	68.2	-12.60	PK
Horizontal	10620.015	49.21	-8.97	40.24	54	-13.76	AV
Horizontal	15930.068	60.98	-7.72	53.26	74	-20.74	PK
Horizontal	15930.068	49.38	-7.72	41.66	54	-12.34	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:	TX(5.3G) - 802.11ac-HT20

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	4434.142	72.68	-20.73	51.94	68.2	-16.26	PK
Vertical	4434.142	59.39	-20.73	38.66	54	-15.34	AV
Vertical	10520.200	60.07	-9.12	50.95	68.2	-17.25	PK
Vertical	10520.200	49.12	-9.12	40.00	54	-14.00	AV
Vertical	15780.023	62.52	-7.77	54.75	74	-19.25	PK
Vertical	15780.023	49.75	-7.77	41.98	54	-12.02	AV
Horizontal	4434.185	73.86	-20.73	53.13	68.2	-15.07	PK
Horizontal	4434.185	59.56	-20.73	38.83	54	-15.17	AV
Horizontal	10520.079	63.52	-9.12	54.40	68.2	-13.80	PK
Horizontal	10520.079	49.66	-9.12	40.54	54	-13.46	AV
Horizontal	15780.121	63.60	-7.77	55.83	74	-18.17	PK
Horizontal	15780.121	49.11	-7.77	41.34	54	-12.66	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.097	71.67	-20.42	51.26	74	-22.74	PK
Vertical	4592.097	59.46	-20.42	39.04	54	-14.96	AV
Vertical	10560.194	62.17	-9.06	53.11	68.2	-15.09	PK
Vertical	10560.194	49.23	-9.06	40.17	54	-13.83	AV
Vertical	15840.151	63.33	-7.75	55.58	74	-18.42	PK
Vertical	15840.151	49.26	-7.75	41.51	54	-12.49	AV
Horizontal	4592.152	73.66	-20.42	53.24	74	-20.76	PK
Horizontal	4592.152	59.16	-20.42	38.74	54	-15.26	AV
Horizontal	10560.052	62.97	-9.06	53.91	68.2	-14.29	PK
Horizontal	10560.052	49.26	-9.06	40.20	54	-13.80	AV
Horizontal	15840.048	63.82	-7.75	56.07	74	-17.93	PK
Horizontal	15840.048	49.57	-7.75	41.82	54	-12.18	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.090	74.72	-20.12	54.60	74	-19.40	PK
Vertical	4739.090	59.59	-20.12	39.46	54	-14.54	AV
Vertical	10640.122	63.63	-8.94	54.69	68.2	-13.51	PK
Vertical	10640.122	49.74	-8.94	40.80	54	-13.20	AV
Vertical	15960.159	60.44	-7.71	52.73	74	-21.27	PK
Vertical	15960.159	49.18	-7.71	41.47	54	-12.53	AV
Horizontal	4739.145	74.87	-20.12	54.75	74	-19.25	PK
Horizontal	4739.145	59.97	-20.12	39.85	54	-14.15	AV
Horizontal	10640.055	61.51	-8.94	52.57	68.2	-15.63	PK
Horizontal	10640.055	49.94	-8.94	41.00	54	-13.00	AV
Horizontal	15960.026	60.03	-7.71	52.32	74	-21.68	PK
Horizontal	15960.026	49.29	-7.71	41.58	54	-12.42	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

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 (5270 MHz)-Above 1G							
Vertical	4434.099	70.99	-20.73	50.26	68.2	-17.94	PK
Vertical	4434.099	59.92	-20.73	39.19	54	-14.81	AV
Vertical	10540.067	61.84	-9.09	52.75	68.2	-15.45	PK
Vertical	10540.067	49.80	-9.09	40.71	54	-13.29	AV
Vertical	15810.051	63.57	-7.76	55.81	74	-18.19	PK
Vertical	15810.051	49.69	-7.76	41.93	54	-12.07	AV
Horizontal	4434.078	74.81	-20.73	54.08	74	-19.92	PK
Horizontal	4434.078	59.96	-20.73	39.22	54	-14.78	AV
Horizontal	10540.016	64.57	-9.09	55.48	68.2	-12.72	PK
Horizontal	10540.016	49.13	-9.09	40.04	54	-13.96	AV
Horizontal	15810.050	60.36	-7.76	52.60	74	-21.40	PK
Horizontal	15810.050	49.34	-7.76	41.58	54	-12.42	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.058	74.69	-20.12	54.57	68.2	-13.63	PK
Vertical	4739.058	59.76	-20.12	39.64	54	-14.36	AV
Vertical	10620.123	62.81	-8.97	53.84	68.2	-14.36	PK
Vertical	10620.123	49.96	-8.97	40.99	54	-13.01	AV
Vertical	15930.174	64.16	-7.72	56.44	74	-17.56	PK
Vertical	15930.174	49.94	-7.72	42.22	54	-11.78	AV
Horizontal	4739.041	72.96	-20.12	52.84	68.2	-15.36	PK
Horizontal	4739.041	59.15	-20.12	39.03	54	-14.97	AV
Horizontal	10620.043	62.04	-8.97	53.07	68.2	-15.13	PK
Horizontal	10620.043	49.96	-8.97	40.99	54	-13.01	AV
Horizontal	15930.183	60.18	-7.72	52.46	74	-21.54	PK
Horizontal	15930.183	49.23	-7.72	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(5.3G) - 802.11ac-HT80

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	4434.044	71.97	-20.73	51.24	68.2	-16.96	PK
Vertical	4434.044	59.56	-20.73	38.83	54	-15.17	AV
Vertical	10580.129	61.24	-9.03	52.21	68.2	-15.99	PK
Vertical	10580.129	49.88	-9.03	40.85	54	-13.15	AV
Vertical	15870.062	60.01	-7.74	52.27	74	-21.73	PK
Vertical	15870.062	49.17	-7.74	41.43	54	-12.57	AV
Horizontal	4434.047	71.54	-20.73	50.81	68.2	-17.39	PK
Horizontal	4434.047	59.18	-20.73	38.45	54	-15.55	AV
Horizontal	10580.076	63.10	-9.03	54.07	68.2	-14.13	PK
Horizontal	10580.076	49.42	-9.03	40.39	54	-13.61	AV
Horizontal	15870.169	62.92	-7.74	55.18	74	-18.82	PK
Horizontal	15870.169	49.59	-7.74	41.85	54	-12.15	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

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	4434.148	70.29	-20.73	49.56	68.2	-18.64	PK
Vertical	4434.148	59.33	-20.73	38.60	54	-15.40	AV
Vertical	10520.044	61.45	-9.12	52.33	68.2	-15.87	PK
Vertical	10520.044	49.89	-9.12	40.77	54	-13.23	AV
Vertical	15780.159	62.57	-7.77	54.80	74	-19.20	PK
Vertical	15780.159	49.22	-7.77	41.45	54	-12.55	AV
Horizontal	4434.120	73.71	-20.73	52.98	68.2	-15.22	PK
Horizontal	4434.120	59.20	-20.73	38.47	54	-15.53	AV
Horizontal	10520.071	60.25	-9.12	51.13	68.2	-17.07	PK
Horizontal	10520.071	49.72	-9.12	40.60	54	-13.40	AV
Horizontal	15780.192	64.74	-7.77	56.97	74	-17.03	PK
Horizontal	15780.192	49.28	-7.77	41.51	54	-12.49	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.158	72.82	-20.42	52.40	74	-21.60	PK
Vertical	4592.158	59.16	-20.42	38.74	54	-15.26	AV
Vertical	10560.189	61.93	-9.06	52.87	68.2	-15.33	PK
Vertical	10560.189	49.56	-9.06	40.50	54	-13.50	AV
Vertical	15840.197	60.50	-7.75	52.75	74	-21.25	PK
Vertical	15840.197	49.45	-7.75	41.70	54	-12.30	AV
Horizontal	4592.054	70.11	-20.42	49.69	74	-24.31	PK
Horizontal	4592.054	59.60	-20.42	39.18	54	-14.82	AV
Horizontal	10560.059	62.00	-9.06	52.94	68.2	-15.26	PK
Horizontal	10560.059	49.94	-9.06	40.88	54	-13.12	AV
Horizontal	15840.055	60.82	-7.75	53.07	74	-20.93	PK
Horizontal	15840.055	49.63	-7.75	41.88	54	-12.12	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.131	74.99	-20.12	54.87	74	-19.13	PK
Vertical	4739.131	59.58	-20.12	39.46	54	-14.54	AV
Vertical	10640.168	63.10	-8.94	54.16	68.2	-14.04	PK
Vertical	10640.168	49.21	-8.94	40.27	54	-13.73	AV
Vertical	15960.092	63.30	-7.71	55.59	74	-18.41	PK
Vertical	15960.092	49.60	-7.71	41.89	54	-12.11	AV
Horizontal	4739.113	72.66	-20.12	52.54	74	-21.46	PK
Horizontal	4739.113	59.07	-20.12	38.94	54	-15.06	AV
Horizontal	10640.075	64.27	-8.94	55.33	68.2	-12.87	PK
Horizontal	10640.075	49.08	-8.94	40.14	54	-13.86	AV
Horizontal	15960.194	62.34	-7.71	54.63	74	-19.37	PK
Horizontal	15960.194	49.96	-7.71	42.25	54	-11.75	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:	TX(5.3G) - 802.11ax-HT40

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 (5270 MHz)-Above 1G							
Vertical	4434.136	71.22	-20.73	50.49	68.2	-17.71	PK
Vertical	4434.136	59.18	-20.73	38.45	54	-15.55	AV
Vertical	10540.184	64.38	-9.09	55.29	68.2	-12.91	PK
Vertical	10540.184	49.15	-9.09	40.06	54	-13.94	AV
Vertical	15810.053	60.26	-7.76	52.50	74	-21.50	PK
Vertical	15810.053	49.51	-7.76	41.75	54	-12.25	AV
Horizontal	4434.063	71.96	-20.73	51.23	74	-22.77	PK
Horizontal	4434.063	59.12	-20.73	38.38	54	-15.62	AV
Horizontal	10540.175	60.23	-9.09	51.14	68.2	-17.06	PK
Horizontal	10540.175	49.14	-9.09	40.05	54	-13.95	AV
Horizontal	15810.117	62.58	-7.76	54.82	74	-19.18	PK
Horizontal	15810.117	49.29	-7.76	41.53	54	-12.47	AV
High Channel (5310 MHz)-Above 1G							
Vertical	4739.010	71.67	-20.12	51.55	68.2	-16.65	PK
Vertical	4739.010	59.44	-20.12	39.32	54	-14.68	AV
Vertical	10620.132	62.96	-8.97	53.99	68.2	-14.21	PK
Vertical	10620.132	49.80	-8.97	40.83	54	-13.17	AV
Vertical	15930.147	60.51	-7.72	52.79	74	-21.21	PK
Vertical	15930.147	49.17	-7.72	41.45	54	-12.55	AV
Horizontal	4739.185	71.16	-20.12	51.04	68.2	-17.16	PK
Horizontal	4739.185	59.66	-20.12	39.54	54	-14.46	AV
Horizontal	10620.177	62.87	-8.97	53.90	68.2	-14.30	PK
Horizontal	10620.177	49.60	-8.97	40.63	54	-13.37	AV
Horizontal	15930.010	63.61	-7.72	55.89	74	-18.11	PK
Horizontal	15930.010	49.63	-7.72	41.91	54	-12.09	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

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	4434.117	73.26	-20.73	52.53	68.2	-15.67	PK
Vertical	4434.117	59.72	-20.73	38.99	54	-15.01	AV
Vertical	10580.198	60.01	-9.03	50.98	68.2	-17.22	PK
Vertical	10580.198	49.76	-9.03	40.73	54	-13.27	AV
Vertical	15870.088	61.04	-7.74	53.30	74	-20.70	PK
Vertical	15870.088	49.83	-7.74	42.09	54	-11.91	AV
Horizontal	4434.071	71.26	-20.73	50.53	68.2	-17.67	PK
Horizontal	4434.071	59.57	-20.73	38.84	54	-15.16	AV
Horizontal	10580.106	64.41	-9.03	55.38	68.2	-12.82	PK
Horizontal	10580.106	49.45	-9.03	40.42	54	-13.58	AV
Horizontal	15870.170	60.76	-7.74	53.02	74	-20.98	PK
Horizontal	15870.170	49.51	-7.74	41.77	54	-12.23	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(5.6G) - 802.11a

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	4434.030	71.87	-20.73	51.14	68.2	-17.06	PK
Vertical	4434.030	59.20	-20.73	38.46	54	-15.54	AV
Vertical	11000.030	60.70	-8.40	52.30	68.2	-15.90	PK
Vertical	11000.030	49.91	-8.40	41.51	54	-12.49	AV
Vertical	16500.193	63.39	-6.09	57.30	74	-16.70	PK
Vertical	16500.193	49.74	-6.09	43.65	54	-10.35	AV
Horizontal	4434.194	71.89	-20.73	51.16	68.2	-17.04	PK
Horizontal	4434.194	59.23	-20.73	38.49	54	-15.51	AV
Horizontal	11000.039	64.28	-8.40	55.88	68.2	-12.32	PK
Horizontal	11000.039	49.37	-8.40	40.97	54	-13.03	AV
Horizontal	16500.090	60.89	-6.09	54.80	74	-19.20	PK
Horizontal	16500.090	49.27	-6.09	43.18	54	-10.82	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.047	72.40	-20.42	51.99	74	-22.01	PK
Vertical	4592.047	59.87	-20.42	39.46	54	-14.54	AV
Vertical	11160.134	63.60	-8.53	55.07	68.2	-13.13	PK
Vertical	11160.134	49.48	-8.53	40.95	54	-13.05	AV
Vertical	16740.076	62.02	-5.31	56.71	74	-17.29	PK
Vertical	16740.076	49.19	-5.31	43.88	54	-10.12	AV
Horizontal	4592.132	73.03	-20.42	52.61	74	-21.39	PK
Horizontal	4592.132	59.28	-20.42	38.86	54	-15.14	AV
Horizontal	11160.108	60.10	-8.53	51.57	68.2	-16.63	PK
Horizontal	11160.108	49.34	-8.53	40.81	54	-13.19	AV
Horizontal	16740.073	61.82	-5.31	56.51	74	-17.49	PK
Horizontal	16740.073	49.16	-5.31	43.85	54	-10.15	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.091	71.04	-20.12	50.91	74	-23.09	PK
Vertical	4739.091	59.23	-20.12	39.11	54	-14.89	AV
Vertical	11400.057	60.41	-8.72	51.69	68.2	-16.51	PK
Vertical	11400.057	49.68	-8.72	40.96	54	-13.04	AV
Vertical	17100.022	60.45	-3.92	56.53	74	-17.47	PK
Vertical	17100.022	49.67	-3.92	45.75	54	-8.25	AV
Horizontal	4739.179	71.02	-20.12	50.90	74	-23.10	PK
Horizontal	4739.179	59.76	-20.12	39.64	54	-14.36	AV
Horizontal	11400.068	63.63	-8.72	54.91	68.2	-13.29	PK
Horizontal	11400.068	49.84	-8.72	41.12	54	-12.88	AV
Horizontal	17100.156	60.12	-3.92	56.20	74	-17.80	PK
Horizontal	17100.156	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:	TX(5.6G) - 802.11n-HT20

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	4434.187	71.35	-20.73	50.62	68.2	-17.58	PK
Vertical	4434.187	59.41	-20.73	38.68	54	-15.32	AV
Vertical	11000.193	61.06	-8.40	52.66	68.2	-15.54	PK
Vertical	11000.193	49.96	-8.40	41.56	54	-12.44	AV
Vertical	16500.161	61.22	-6.09	55.13	74	-18.87	PK
Vertical	16500.161	49.43	-6.09	43.34	54	-10.66	AV
Horizontal	4434.035	72.74	-20.73	52.00	68.2	-16.20	PK
Horizontal	4434.035	59.32	-20.73	38.59	54	-15.41	AV
Horizontal	11000.014	62.06	-8.40	53.66	68.2	-14.54	PK
Horizontal	11000.014	49.59	-8.40	41.19	54	-12.81	AV
Horizontal	16500.008	63.54	-6.09	57.45	74	-16.55	PK
Horizontal	16500.008	49.89	-6.09	43.80	54	-10.20	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.132	74.41	-20.42	53.99	74	-20.01	PK
Vertical	4592.132	59.80	-20.42	39.38	54	-14.62	AV
Vertical	11160.173	60.17	-8.53	51.64	68.2	-16.56	PK
Vertical	11160.173	49.01	-8.53	40.48	54	-13.52	AV
Vertical	16740.097	63.73	-5.31	58.42	74	-15.58	PK
Vertical	16740.097	49.53	-5.31	44.22	54	-9.78	AV
Horizontal	4592.146	71.04	-20.42	50.63	74	-23.37	PK
Horizontal	4592.146	59.90	-20.42	39.49	54	-14.51	AV
Horizontal	11160.075	64.89	-8.53	56.36	68.2	-11.84	PK
Horizontal	11160.075	49.71	-8.53	41.18	54	-12.82	AV
Horizontal	16740.063	60.78	-5.31	55.47	74	-18.53	PK
Horizontal	16740.063	49.87	-5.31	44.56	54	-9.44	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.004	73.88	-20.12	53.76	74	-20.24	PK
Vertical	4739.004	59.91	-20.12	39.79	54	-14.21	AV
Vertical	11400.008	61.73	-8.72	53.01	68.2	-15.19	PK
Vertical	11400.008	49.44	-8.72	40.72	54	-13.28	AV
Vertical	17100.037	61.46	-3.92	57.54	74	-16.46	PK
Vertical	17100.037	49.03	-3.92	45.11	54	-8.89	AV
Horizontal	4739.021	74.33	-20.12	54.21	74	-19.79	PK
Horizontal	4739.021	59.33	-20.12	39.20	54	-14.80	AV
Horizontal	11400.195	61.74	-8.72	53.02	68.2	-15.18	PK
Horizontal	11400.195	49.18	-8.72	40.46	54	-13.54	AV
Horizontal	17100.196	62.03	-3.92	58.11	74	-15.89	PK
Horizontal	17100.196	49.99	-3.92	46.07	54	-7.93	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(5.6G) - 802.11n-HT40

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	4434.004	60.23	-20.73	39.50	68.2	-28.70	PK
Vertical	4434.004	43.58	-20.73	22.85	54	-31.15	AV
Vertical	11020.081	63.02	-8.42	54.60	68.2	-13.60	PK
Vertical	11020.081	43.52	-8.42	35.10	54	-18.90	AV
Vertical	16530.026	60.01	-5.99	54.02	74	-19.98	PK
Vertical	16530.026	43.50	-5.99	37.51	54	-16.49	AV
Horizontal	4434.071	63.37	-20.73	42.64	74	-31.36	PK
Horizontal	4434.071	43.19	-20.73	22.46	54	-31.54	AV
Horizontal	11020.178	52.60	-8.42	44.18	68.2	-24.02	PK
Horizontal	11020.178	42.83	-8.42	34.41	54	-19.59	AV
Horizontal	16530.120	54.82	-5.99	48.83	74	-25.17	PK
Horizontal	16530.120	42.74	-5.99	36.75	54	-17.25	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.001	63.91	-20.42	43.49	74	-30.51	PK
Vertical	4592.001	43.45	-20.42	23.03	54	-30.97	AV
Vertical	11100.177	61.68	-8.40	53.28	68.2	-14.92	PK
Vertical	11100.177	43.90	-8.40	35.50	54	-18.50	AV
Vertical	16650.006	64.83	-5.60	59.23	74	-14.77	PK
Vertical	16650.006	43.49	-5.60	37.89	54	-16.11	AV
Horizontal	4592.081	61.28	-20.42	40.87	74	-33.13	PK
Horizontal	4592.081	43.35	-20.42	22.93	54	-31.07	AV
Horizontal	11100.163	54.42	-8.40	46.02	68.2	-22.18	PK
Horizontal	11100.163	43.78	-8.40	35.38	54	-18.62	AV
Horizontal	16650.117	50.87	-5.60	45.27	74	-28.73	PK
Horizontal	16650.117	44.95	-5.60	39.35	54	-14.65	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.143	60.09	-20.12	39.97	68.2	-28.23	PK
Vertical	4739.143	43.10	-20.12	22.98	54	-31.02	AV
Vertical	11340.069	61.22	-8.67	52.55	68.2	-15.65	PK
Vertical	11340.069	43.30	-8.67	34.63	54	-19.37	AV
Vertical	17010.058	64.05	-4.41	59.64	74	-14.36	PK
Vertical	17010.058	43.31	-4.41	38.90	54	-15.10	AV
Horizontal	4739.103	60.96	-20.12	40.83	68.2	-27.37	PK
Horizontal	4739.103	43.93	-20.12	23.81	54	-30.19	AV
Horizontal	11340.133	52.47	-8.67	43.80	68.2	-24.40	PK
Horizontal	11340.133	42.74	-8.67	34.07	54	-19.93	AV
Horizontal	17010.074	50.46	-4.41	46.05	74	-27.95	PK
Horizontal	17010.074	40.37	-4.41	35.96	54	-18.04	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(5.6G) - 802.11ac-HT20

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	4434.077	72.01	-20.73	51.27	68.2	-16.93	PK
Vertical	4434.077	59.23	-20.73	38.49	54	-15.51	AV
Vertical	11000.149	61.15	-8.40	52.75	68.2	-15.45	PK
Vertical	11000.149	49.22	-8.40	40.82	54	-13.18	AV
Vertical	16500.147	62.66	-6.09	56.57	74	-17.43	PK
Vertical	16500.147	50.00	-6.09	43.91	54	-10.09	AV
Horizontal	4434.165	71.89	-20.73	51.16	68.2	-17.04	PK
Horizontal	4434.165	59.36	-20.73	38.63	54	-15.37	AV
Horizontal	11000.028	64.92	-8.40	56.52	68.2	-11.68	PK
Horizontal	11000.028	49.02	-8.40	40.62	54	-13.38	AV
Horizontal	16500.144	61.42	-6.09	55.33	74	-18.67	PK
Horizontal	16500.144	49.14	-6.09	43.05	54	-10.95	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.013	74.01	-20.42	53.59	74	-20.41	PK
Vertical	4592.013	59.34	-20.42	38.93	54	-15.07	AV
Vertical	11160.035	64.43	-8.53	55.90	68.2	-12.30	PK
Vertical	11160.035	49.47	-8.53	40.94	54	-13.06	AV
Vertical	16740.028	61.31	-5.31	56.00	74	-18.00	PK
Vertical	16740.028	49.60	-5.31	44.29	54	-9.71	AV
Horizontal	4592.014	74.43	-20.42	54.01	74	-19.99	PK
Horizontal	4592.014	59.82	-20.42	39.40	54	-14.60	AV
Horizontal	11160.048	64.39	-8.53	55.86	68.2	-12.34	PK
Horizontal	11160.048	49.54	-8.53	41.01	54	-12.99	AV
Horizontal	16740.182	62.76	-5.31	57.45	74	-16.55	PK
Horizontal	16740.182	49.59	-5.31	44.28	54	-9.72	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.099	70.55	-20.12	50.43	74	-23.57	PK
Vertical	4739.099	59.01	-20.12	38.89	54	-15.11	AV
Vertical	11400.134	62.89	-8.72	54.17	68.2	-14.03	PK
Vertical	11400.134	49.34	-8.72	40.62	54	-13.38	AV
Vertical	17100.041	61.38	-3.92	57.46	74	-16.54	PK
Vertical	17100.041	49.85	-3.92	45.93	54	-8.07	AV
Horizontal	4739.024	74.03	-20.12	53.91	74	-20.09	PK
Horizontal	4739.024	59.95	-20.12	39.82	54	-14.18	AV
Horizontal	11400.168	60.10	-8.72	51.38	68.2	-16.82	PK
Horizontal	11400.168	49.91	-8.72	41.19	54	-12.81	AV
Horizontal	17100.138	62.89	-3.92	58.97	74	-15.03	PK
Horizontal	17100.138	49.92	-3.92	46.00	54	-8.00	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(5.6G) - 802.11ac-HT40

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	4434.177	62.75	-20.73	42.02	68.2	-26.18	PK
Vertical	4434.177	43.50	-20.73	22.77	54	-31.23	AV
Vertical	11020.050	63.13	-8.42	54.71	68.2	-13.49	PK
Vertical	11020.050	43.85	-8.42	35.43	54	-18.57	AV
Vertical	16530.004	64.94	-5.99	58.95	74	-15.05	PK
Vertical	16530.004	43.69	-5.99	37.70	54	-16.30	AV
Horizontal	4434.152	60.17	-20.73	39.44	74	-34.56	PK
Horizontal	4434.152	43.26	-20.73	22.52	54	-31.48	AV
Horizontal	11020.047	54.91	-8.42	46.49	68.2	-21.71	PK
Horizontal	11020.047	42.50	-8.42	34.08	54	-19.92	AV
Horizontal	16530.078	51.25	-5.99	45.26	74	-28.74	PK
Horizontal	16530.078	40.59	-5.99	34.60	54	-19.40	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.120	61.15	-20.42	40.74	74	-33.26	PK
Vertical	4592.120	43.28	-20.42	22.86	54	-31.14	AV
Vertical	11100.186	61.36	-8.40	52.96	68.2	-15.24	PK
Vertical	11100.186	43.49	-8.40	35.09	54	-18.91	AV
Vertical	16650.072	63.60	-5.60	58.00	74	-16.00	PK
Vertical	16650.072	43.37	-5.60	37.77	54	-16.23	AV
Horizontal	4592.124	61.01	-20.42	40.60	74	-33.40	PK
Horizontal	4592.124	43.63	-20.42	23.22	54	-30.78	AV
Horizontal	11100.169	53.76	-8.40	45.36	68.2	-22.84	PK
Horizontal	11100.169	40.92	-8.40	32.52	54	-21.48	AV
Horizontal	16650.097	51.80	-5.60	46.20	74	-27.80	PK
Horizontal	16650.097	40.57	-5.60	34.97	54	-19.03	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.049	63.69	-20.12	43.57	68.2	-24.63	PK
Vertical	4739.049	43.11	-20.12	22.99	54	-31.01	AV
Vertical	11340.132	64.28	-8.67	55.61	68.2	-12.59	PK
Vertical	11340.132	43.22	-8.67	34.55	54	-19.45	AV
Vertical	17010.020	63.75	-4.41	59.34	74	-14.66	PK
Vertical	17010.020	43.18	-4.41	38.77	54	-15.23	AV
Horizontal	4739.087	61.79	-20.12	41.67	68.2	-26.53	PK
Horizontal	4739.087	43.00	-20.12	22.88	54	-31.12	AV
Horizontal	11340.140	52.19	-8.67	43.52	68.2	-24.68	PK
Horizontal	11340.140	40.35	-8.67	31.68	54	-22.32	AV
Horizontal	17010.182	53.24	-4.41	48.83	74	-25.17	PK
Horizontal	17010.182	43.11	-4.41	38.70	54	-15.30	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(5.6G) - 802.11ac-HT80

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	4434.153	63.94	-20.73	43.21	68.2	-24.99	PK
Vertical	4434.153	43.45	-20.73	22.72	54	-31.28	AV
Vertical	11060.153	62.05	-8.45	53.60	68.2	-14.60	PK
Vertical	11060.153	43.08	-8.45	34.63	54	-19.37	AV
Vertical	16590.012	60.60	-5.79	54.81	74	-19.19	PK
Vertical	16590.012	43.17	-5.79	37.38	54	-16.62	AV
Horizontal	4434.163	62.13	-20.73	41.40	68.2	-26.80	PK
Horizontal	4434.163	43.67	-20.73	22.93	54	-31.07	AV
Horizontal	11060.159	50.53	-8.45	42.08	68.2	-26.12	PK
Horizontal	11060.159	44.61	-8.45	36.16	54	-17.84	AV
Horizontal	16590.139	54.60	-5.79	48.81	74	-25.19	PK
Horizontal	16590.139	43.71	-5.79	37.92	54	-16.08	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(5.6G) - 802.11ax-HT20

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	4434.162	72.74	-20.73	52.01	68.2	-16.19	PK
Vertical	4434.162	59.85	-20.73	39.12	54	-14.88	AV
Vertical	11000.163	62.58	-8.40	54.18	68.2	-14.02	PK
Vertical	11000.163	50.00	-8.40	41.60	54	-12.40	AV
Vertical	16500.132	64.67	-6.09	58.58	74	-15.42	PK
Vertical	16500.132	49.81	-6.09	43.72	54	-10.28	AV
Horizontal	4434.122	74.99	-20.73	54.25	68.2	-13.95	PK
Horizontal	4434.122	59.61	-20.73	38.88	54	-15.12	AV
Horizontal	11000.075	64.71	-8.40	56.31	68.2	-11.89	PK
Horizontal	11000.075	49.70	-8.40	41.30	54	-12.70	AV
Horizontal	16500.141	61.33	-6.09	55.24	74	-18.76	PK
Horizontal	16500.141	49.10	-6.09	43.01	54	-10.99	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.088	74.84	-20.42	54.42	74	-19.58	PK
Vertical	4592.088	59.09	-20.42	38.68	54	-15.32	AV
Vertical	11160.080	61.24	-8.53	52.71	68.2	-15.49	PK
Vertical	11160.080	49.52	-8.53	40.99	54	-13.01	AV
Vertical	16740.071	61.56	-5.31	56.25	74	-17.75	PK
Vertical	16740.071	49.16	-5.31	43.85	54	-10.15	AV
Horizontal	4592.110	72.93	-20.42	52.51	74	-21.49	PK
Horizontal	4592.110	59.62	-20.42	39.21	54	-14.79	AV
Horizontal	11160.108	64.83	-8.53	56.30	68.2	-11.90	PK
Horizontal	11160.108	49.49	-8.53	40.96	54	-13.04	AV
Horizontal	16740.157	62.03	-5.31	56.72	74	-17.28	PK
Horizontal	16740.157	49.32	-5.31	44.01	54	-9.99	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.054	73.69	-20.12	53.57	74	-20.43	PK
Vertical	4739.054	59.25	-20.12	39.13	54	-14.87	AV
Vertical	11400.122	63.82	-8.72	55.10	68.2	-13.10	PK
Vertical	11400.122	49.47	-8.72	40.75	54	-13.25	AV
Vertical	17100.025	63.07	-3.92	59.15	74	-14.85	PK
Vertical	17100.025	49.26	-3.92	45.34	54	-8.66	AV
Horizontal	4739.144	73.49	-20.12	53.37	74	-20.63	PK
Horizontal	4739.144	59.00	-20.12	38.88	54	-15.12	AV
Horizontal	11400.004	60.31	-8.72	51.59	68.2	-16.61	PK
Horizontal	11400.004	49.85	-8.72	41.13	54	-12.87	AV
Horizontal	17100.029	63.25	-3.92	59.33	74	-14.67	PK
Horizontal	17100.029	49.17	-3.92	45.25	54	-8.75	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:	TX(5.6G) - 802.11ax-HT40

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	4434.075	64.23	-20.73	43.49	68.2	-24.71	PK
Vertical	4434.075	43.25	-20.73	22.52	54	-31.48	AV
Vertical	11020.141	60.84	-8.42	52.42	68.2	-15.78	PK
Vertical	11020.141	43.97	-8.42	35.55	54	-18.45	AV
Vertical	16530.157	63.44	-5.99	57.45	74	-16.55	PK
Vertical	16530.157	43.15	-5.99	37.16	54	-16.84	AV
Horizontal	4434.106	64.61	-20.73	43.88	74	-30.12	PK
Horizontal	4434.106	43.99	-20.73	23.26	54	-30.74	AV
Horizontal	11020.184	52.76	-8.42	44.34	68.2	-23.86	PK
Horizontal	11020.184	44.53	-8.42	36.11	54	-17.89	AV
Horizontal	16530.105	53.29	-5.99	47.30	74	-26.70	PK
Horizontal	16530.105	42.97	-5.99	36.98	54	-17.02	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.158	63.99	-20.42	43.57	74	-30.43	PK
Vertical	4592.158	43.95	-20.42	23.53	54	-30.47	AV
Vertical	11100.168	62.77	-8.40	54.37	68.2	-13.83	PK
Vertical	11100.168	43.92	-8.40	35.52	54	-18.48	AV
Vertical	16650.168	63.39	-5.60	57.79	74	-16.21	PK
Vertical	16650.168	43.44	-5.60	37.84	54	-16.16	AV
Horizontal	4592.081	62.40	-20.42	41.98	74	-32.02	PK
Horizontal	4592.081	43.60	-20.42	23.18	54	-30.82	AV
Horizontal	11100.079	53.24	-8.40	44.84	68.2	-23.36	PK
Horizontal	11100.079	44.32	-8.40	35.92	54	-18.08	AV
Horizontal	16650.037	54.12	-5.60	48.52	74	-25.48	PK
Horizontal	16650.037	40.95	-5.60	35.35	54	-18.65	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.038	60.53	-20.12	40.41	68.2	-27.79	PK
Vertical	4739.038	43.69	-20.12	23.57	54	-30.43	AV
Vertical	11340.182	62.88	-8.67	54.21	68.2	-13.99	PK
Vertical	11340.182	43.47	-8.67	34.80	54	-19.20	AV
Vertical	17010.078	63.13	-4.41	58.72	74	-15.28	PK
Vertical	17010.078	43.84	-4.41	39.43	54	-14.57	AV
Horizontal	4739.136	61.47	-20.12	41.35	68.2	-26.85	PK
Horizontal	4739.136	43.19	-20.12	23.06	54	-30.94	AV
Horizontal	11340.034	50.92	-8.67	42.25	68.2	-25.95	PK
Horizontal	11340.034	44.04	-8.67	35.37	54	-18.63	AV
Horizontal	17010.082	52.87	-4.41	48.46	74	-25.54	PK
Horizontal	17010.082	44.41	-4.41	40.00	54	-14.00	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(5.6G) - 802.11ax-HT80

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	4434.039	64.42	-20.73	43.68	68.2	-24.52	PK
Vertical	4434.039	43.39	-20.73	22.66	54	-31.34	AV
Vertical	11060.151	60.64	-8.45	52.19	68.2	-16.01	PK
Vertical	11060.151	43.93	-8.45	35.48	54	-18.52	AV
Vertical	16590.180	63.50	-5.79	57.71	74	-16.29	PK
Vertical	16590.180	43.57	-5.79	37.78	54	-16.22	AV
Horizontal	4434.148	63.48	-20.73	42.74	68.2	-25.46	PK
Horizontal	4434.148	43.42	-20.73	22.69	54	-31.31	AV
Horizontal	11060.145	51.77	-8.45	43.32	68.2	-24.88	PK
Horizontal	11060.145	43.85	-8.45	35.40	54	-18.60	AV
Horizontal	16590.183	51.99	-5.79	46.20	74	-27.80	PK
Horizontal	16590.183	42.69	-5.79	36.90	54	-17.10	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) - 802.11a

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	4679.134	72.12	-20.24	51.88	74	-22.12	PK
Vertical	4679.134	59.42	-20.24	39.18	54	-14.82	AV
Vertical	11490.027	64.75	-8.79	55.96	68.2	-12.24	PK
Vertical	11490.027	49.67	-8.79	40.88	54	-13.12	AV
Vertical	17235.096	59.05	-3.18	55.87	68.2	-12.33	PK
Vertical	17235.096	44.20	-3.18	41.02	54	-12.98	AV
Horizontal	4679.140	74.25	-20.73	53.52	74	-20.48	PK
Horizontal	4679.140	59.26	-20.73	38.53	54	-15.47	AV
Horizontal	11490.056	64.47	-8.79	55.68	68.2	-12.52	PK
Horizontal	11490.056	49.26	-8.79	40.47	54	-13.53	AV
Horizontal	17235.068	57.66	-3.18	54.48	68.2	-13.72	PK
Horizontal	17235.068	44.23	-3.18	41.05	54	-12.95	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.059	72.15	-20.42	51.73	74	-22.27	PK
Vertical	4592.059	59.23	-20.42	38.81	54	-15.19	AV
Vertical	11570.093	62.20	-8.86	53.34	68.2	-14.86	PK
Vertical	11570.093	49.93	-8.86	41.07	54	-12.93	AV
Vertical	17355.192	57.19	-2.52	54.67	68.2	-13.53	PK
Vertical	17355.192	44.90	-2.52	42.38	54	-11.62	AV
Horizontal	4592.134	70.07	-20.42	49.66	74	-24.34	PK
Horizontal	4592.134	59.31	-20.42	38.89	54	-15.11	AV
Horizontal	11570.033	63.48	-8.86	54.62	68.2	-13.58	PK
Horizontal	11570.033	49.23	-8.86	40.37	54	-13.63	AV
Horizontal	17355.024	55.52	-2.52	53.00	68.2	-15.20	PK
Horizontal	17355.024	44.06	-2.52	41.54	54	-12.46	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.025	74.73	-18.93	55.79	68.2	-12.41	PK
Vertical	6039.025	59.19	-18.93	40.26	54	-13.74	AV
Vertical	11650.157	60.20	-8.92	51.28	74	-22.72	PK
Vertical	11650.157	49.49	-8.92	40.57	54	-13.43	AV
Vertical	17475.066	56.61	-1.86	54.75	68.2	-13.45	PK
Vertical	17475.066	44.21	-1.86	42.35	54	-11.65	AV
Horizontal	6039.123	70.68	-18.93	51.75	68.2	-16.45	PK
Horizontal	6039.123	59.62	-18.93	40.69	54	-13.31	AV
Horizontal	11650.008	60.75	-8.92	51.83	74	-22.17	PK
Horizontal	11650.008	49.65	-8.92	40.73	54	-13.27	AV
Horizontal	17475.159	55.25	-1.86	53.39	68.2	-14.81	PK
Horizontal	17475.159	44.68	-1.86	42.82	54	-11.18	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

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	4679.122	70.64	-20.24	50.40	74	-23.60	PK
Vertical	4679.122	59.66	-20.24	39.42	54	-14.58	AV
Vertical	11490.108	61.63	-8.79	52.84	68.2	-15.36	PK
Vertical	11490.108	49.91	-8.79	41.12	54	-12.88	AV
Vertical	17235.054	57.46	-3.18	54.28	68.2	-13.92	PK
Vertical	17235.054	44.37	-3.18	41.19	54	-12.81	AV
Horizontal	4679.034	73.68	-20.24	53.44	74	-20.56	PK
Horizontal	4679.034	59.01	-20.24	38.77	54	-15.23	AV
Horizontal	11490.095	61.35	-8.79	52.56	68.2	-15.64	PK
Horizontal	11490.095	49.43	-8.79	40.64	54	-13.36	AV
Horizontal	17235.190	58.03	-3.18	54.85	68.2	-13.35	PK
Horizontal	17235.190	44.79	-3.18	41.61	54	-12.39	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.012	71.66	-20.42	51.24	74	-22.76	PK
Vertical	4592.012	59.30	-20.42	38.89	54	-15.11	AV
Vertical	11570.195	63.80	-8.86	54.94	68.2	-13.26	PK
Vertical	11570.195	49.58	-8.86	40.72	54	-13.28	AV
Vertical	17355.177	57.02	-2.52	54.50	68.2	-13.70	PK
Vertical	17355.177	44.80	-2.52	42.28	54	-11.72	AV
Horizontal	4592.005	71.30	-20.42	50.89	74	-23.11	PK
Horizontal	4592.005	59.58	-20.42	39.17	54	-14.83	AV
Horizontal	11570.086	60.84	-8.86	51.98	68.2	-16.22	PK
Horizontal	11570.086	49.81	-8.86	40.95	54	-13.05	AV
Horizontal	17355.131	57.41	-2.52	54.89	68.2	-13.31	PK
Horizontal	17355.131	44.02	-2.52	41.50	54	-12.50	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.044	72.57	-18.93	53.64	68.2	-14.56	PK
Vertical	6039.044	59.48	-18.93	40.55	54	-13.45	AV
Vertical	11650.154	61.02	-8.92	52.10	74	-21.90	PK
Vertical	11650.154	49.20	-8.92	40.28	54	-13.72	AV
Vertical	17475.171	57.90	-1.86	56.04	68.2	-12.16	PK
Vertical	17475.171	44.86	-1.86	43.00	54	-11.00	AV
Horizontal	6039.083	74.87	-18.93	55.94	68.2	-12.26	PK
Horizontal	6039.083	60.00	-18.93	41.06	54	-12.94	AV
Horizontal	11650.028	60.76	-8.92	51.84	74	-22.16	PK
Horizontal	11650.028	49.23	-8.92	40.31	54	-13.69	AV
Horizontal	17475.031	56.61	-1.86	54.75	68.2	-13.45	PK
Horizontal	17475.031	44.66	-1.86	42.80	54	-11.20	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

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	4679.064	72.35	-20.24	52.10	74	-21.90	PK
Vertical	4679.064	59.56	-20.24	39.32	54	-14.68	AV
Vertical	11510.149	60.37	-8.81	51.56	74	-22.44	PK
Vertical	11510.149	49.13	-8.81	40.32	54	-13.68	AV
Vertical	17265.053	58.56	-3.01	55.55	68.2	-12.65	PK
Vertical	17265.053	44.06	-3.01	41.05	54	-12.95	AV
Horizontal	4679.062	71.23	-20.24	50.99	74	-23.01	PK
Horizontal	4679.062	59.04	-20.24	38.80	54	-15.20	AV
Horizontal	11510.067	60.04	-8.81	51.23	74	-22.77	PK
Horizontal	11510.067	49.70	-8.81	40.89	54	-13.11	AV
Horizontal	17265.082	59.89	-3.01	56.88	68.2	-11.32	PK
Horizontal	17265.082	44.17	-3.01	41.16	54	-12.84	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.189	70.13	-18.93	51.19	68.2	-17.01	PK
Vertical	6039.189	59.57	-18.93	40.63	54	-13.37	AV
Vertical	11590.087	60.99	-8.87	52.12	74	-21.88	PK
Vertical	11590.087	49.38	-8.87	40.51	54	-13.49	AV
Vertical	17385.066	55.33	-2.35	52.98	68.2	-15.22	PK
Vertical	17385.066	44.56	-2.35	42.21	54	-11.79	AV
Horizontal	6039.117	73.09	-18.93	54.16	68.2	-14.04	PK
Horizontal	6039.117	59.73	-18.93	40.79	54	-13.21	AV
Horizontal	11590.177	63.56	-8.87	54.69	74	-19.31	PK
Horizontal	11590.177	49.06	-8.87	40.19	54	-13.81	AV
Horizontal	17385.051	56.39	-2.35	54.04	68.2	-14.16	PK
Horizontal	17385.051	44.50	-2.35	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(5.8G) - 802.11ac-HT20

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	4679.110	74.79	-20.24	54.55	74	-19.45	PK
Vertical	4679.110	59.57	-20.24	39.32	54	-14.68	AV
Vertical	11490.147	63.98	-8.79	55.19	68.2	-13.01	PK
Vertical	11490.147	49.53	-8.79	40.74	54	-13.26	AV
Vertical	17235.192	57.85	-3.18	54.67	68.2	-13.53	PK
Vertical	17235.192	44.67	-3.18	41.49	54	-12.51	AV
Horizontal	4679.071	74.90	-20.24	54.66	74	-19.34	PK
Horizontal	4679.071	59.13	-20.24	38.89	54	-15.11	AV
Horizontal	11490.076	63.15	-8.79	54.36	68.2	-13.84	PK
Horizontal	11490.076	49.04	-8.79	40.25	54	-13.75	AV
Horizontal	17235.022	58.45	-3.18	55.27	68.2	-12.93	PK
Horizontal	17235.022	44.64	-3.18	41.46	54	-12.54	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.158	73.12	-20.42	52.70	74	-21.30	PK
Vertical	4592.158	59.73	-20.42	39.31	54	-14.69	AV
Vertical	11570.145	63.54	-8.86	54.68	68.2	-13.52	PK
Vertical	11570.145	49.47	-8.86	40.61	54	-13.39	AV
Vertical	17355.168	58.78	-2.52	56.26	68.2	-11.94	PK
Vertical	17355.168	44.66	-2.52	42.14	54	-11.86	AV
Horizontal	4592.095	73.03	-20.42	52.62	74	-21.38	PK
Horizontal	4592.095	59.82	-20.42	39.40	54	-14.60	AV
Horizontal	11570.171	64.27	-8.86	55.41	68.2	-12.79	PK
Horizontal	11570.171	49.90	-8.86	41.04	54	-12.96	AV
Horizontal	17355.164	58.35	-2.52	55.83	68.2	-12.37	PK
Horizontal	17355.164	44.48	-2.52	41.96	54	-12.04	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.150	73.00	-18.93	54.07	68.2	-14.13	PK
Vertical	6039.150	59.36	-18.93	40.43	54	-13.57	AV
Vertical	11650.044	62.97	-8.92	54.05	74	-19.95	PK
Vertical	11650.044	49.70	-8.92	40.78	54	-13.22	AV
Vertical	17475.041	56.41	-1.86	54.55	68.2	-13.65	PK
Vertical	17475.041	44.01	-1.86	42.15	54	-11.85	AV
Horizontal	6039.032	74.38	-18.93	55.45	68.2	-12.75	PK
Horizontal	6039.032	59.30	-18.93	40.36	54	-13.64	AV
Horizontal	11650.154	63.19	-8.92	54.27	74	-19.73	PK
Horizontal	11650.154	49.11	-8.92	40.19	54	-13.81	AV
Horizontal	17475.079	58.62	-1.86	56.76	68.2	-11.44	PK
Horizontal	17475.079	44.83	-1.86	42.97	54	-11.03	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

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	4679.067	70.49	-20.24	50.25	74	-23.75	PK
Vertical	4679.067	59.73	-20.24	39.49	54	-14.51	AV
Vertical	11510.168	60.72	-8.81	51.91	74	-22.09	PK
Vertical	11510.168	49.39	-8.81	40.58	54	-13.42	AV
Vertical	17265.154	58.27	-3.01	55.26	68.2	-12.94	PK
Vertical	17265.154	44.25	-3.01	41.24	54	-12.76	AV
Horizontal	4679.152	70.89	-20.24	50.65	74	-23.35	PK
Horizontal	4679.152	59.48	-20.24	39.23	54	-14.77	AV
Horizontal	11510.108	63.22	-8.81	54.41	74	-19.59	PK
Horizontal	11510.108	49.17	-8.81	40.36	54	-13.64	AV
Horizontal	17265.126	58.31	-3.01	55.30	68.2	-12.90	PK
Horizontal	17265.126	44.76	-3.01	41.75	54	-12.25	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.058	71.04	-18.93	52.11	68.2	-16.09	PK
Vertical	6039.058	59.19	-18.93	40.26	54	-13.74	AV
Vertical	11590.070	62.15	-8.87	53.28	74	-20.72	PK
Vertical	11590.070	49.59	-8.87	40.72	54	-13.28	AV
Vertical	17385.072	55.69	-2.35	53.34	68.2	-14.86	PK
Vertical	17385.072	44.80	-2.35	42.45	54	-11.55	AV
Horizontal	6039.003	70.53	-18.93	51.59	68.2	-16.61	PK
Horizontal	6039.003	59.61	-18.93	40.68	54	-13.32	AV
Horizontal	11590.191	64.25	-8.87	55.38	74	-18.62	PK
Horizontal	11590.191	49.41	-8.87	40.54	54	-13.46	AV
Horizontal	17385.186	59.44	-2.35	57.09	68.2	-11.11	PK
Horizontal	17385.186	44.62	-2.35	42.27	54	-11.73	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

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	4679.016	73.40	-20.24	53.16	74	-20.84	PK
Vertical	4679.016	59.59	-20.24	39.35	54	-14.65	AV
Vertical	11550.087	64.67	-8.84	55.83	74	-18.17	PK
Vertical	11550.087	49.85	-8.84	41.01	54	-12.99	AV
Vertical	17325.013	56.89	-2.68	54.21	68.2	-13.99	PK
Vertical	17325.013	44.20	-2.68	41.52	54	-12.48	AV
Horizontal	4679.133	70.65	-20.24	50.40	74	-23.60	PK
Horizontal	4679.133	59.40	-20.24	39.16	54	-14.84	AV
Horizontal	11550.181	64.77	-8.84	55.93	74	-18.07	PK
Horizontal	11550.181	49.14	-8.84	40.30	54	-13.70	AV
Horizontal	17325.052	57.91	-2.68	55.23	68.2	-12.97	PK
Horizontal	17325.052	44.79	-2.68	42.11	54	-11.89	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

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	4679.133	74.04	-20.24	53.79	74	-20.21	PK
Vertical	4679.133	59.73	-20.24	39.48	54	-14.52	AV
Vertical	11490.027	64.59	-8.79	55.80	68.2	-12.40	PK
Vertical	11490.027	49.51	-8.79	40.72	54	-13.28	AV
Vertical	17235.068	55.40	-3.18	52.22	68.2	-15.98	PK
Vertical	17235.068	44.14	-3.18	40.96	54	-13.04	AV
Horizontal	4679.180	71.97	-20.24	51.73	74	-22.27	PK
Horizontal	4679.180	59.81	-20.24	39.57	54	-14.43	AV
Horizontal	11490.054	61.65	-8.79	52.86	68.2	-15.34	PK
Horizontal	11490.054	49.33	-8.79	40.54	54	-13.46	AV
Horizontal	17235.127	55.92	-3.18	52.74	68.2	-15.46	PK
Horizontal	17235.127	44.99	-3.18	41.81	54	-12.19	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.140	70.20	-20.42	49.79	74	-24.21	PK
Vertical	4592.140	59.72	-20.42	39.31	54	-14.69	AV
Vertical	11570.104	62.40	-8.86	53.54	68.2	-14.66	PK
Vertical	11570.104	49.33	-8.86	40.47	54	-13.53	AV
Vertical	17355.165	58.58	-2.52	56.06	68.2	-12.14	PK
Vertical	17355.165	44.59	-2.52	42.07	54	-11.93	AV
Horizontal	4592.192	73.08	-20.42	52.66	74	-21.34	PK
Horizontal	4592.192	59.93	-20.42	39.52	54	-14.48	AV
Horizontal	11570.181	64.80	-8.86	55.94	68.2	-12.26	PK
Horizontal	11570.181	49.40	-8.86	40.54	54	-13.46	AV
Horizontal	17355.193	55.59	-2.52	53.07	68.2	-15.13	PK
Horizontal	17355.193	44.43	-2.52	41.91	54	-12.09	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.162	70.94	-18.93	52.00	68.2	-16.20	PK
Vertical	6039.162	59.08	-18.93	40.15	54	-13.85	AV
Vertical	11650.028	62.92	-8.92	54.00	74	-20.00	PK
Vertical	11650.028	49.42	-8.92	40.50	54	-13.50	AV
Vertical	17475.103	57.83	-1.86	55.97	68.2	-12.23	PK
Vertical	17475.103	44.73	-1.86	42.87	54	-11.13	AV
Horizontal	6039.053	71.12	-18.93	52.19	68.2	-16.01	PK
Horizontal	6039.053	59.38	-18.93	40.45	54	-13.55	AV
Horizontal	11650.197	61.77	-8.92	52.85	74	-21.15	PK
Horizontal	11650.197	49.19	-8.92	40.27	54	-13.73	AV
Horizontal	17475.184	57.98	-1.86	56.12	68.2	-12.08	PK
Horizontal	17475.184	44.24	-1.86	42.38	54	-11.62	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

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	4679.197	71.87	-20.24	51.63	74	-22.37	PK
Vertical	4679.197	59.72	-20.24	39.48	54	-14.52	AV
Vertical	11510.196	61.46	-8.81	52.65	74	-21.35	PK
Vertical	11510.196	49.40	-8.81	40.59	54	-13.41	AV
Vertical	17265.161	59.35	-3.01	56.34	68.2	-11.86	PK
Vertical	17265.161	44.49	-3.01	41.48	54	-12.52	AV
Horizontal	4679.071	72.11	-20.24	51.87	74	-22.13	PK
Horizontal	4679.071	59.88	-20.24	39.64	54	-14.36	AV
Horizontal	11510.118	62.67	-8.81	53.86	74	-20.14	PK
Horizontal	11510.118	49.59	-8.81	40.78	54	-13.22	AV
Horizontal	17265.146	55.67	-3.01	52.66	68.2	-15.54	PK
Horizontal	17265.146	44.21	-3.01	41.20	54	-12.80	AV
High Channel (5795 MHz)-Above 1G							
Vertical	6039.072	72.13	-18.93	53.20	68.2	-15.00	PK
Vertical	6039.072	59.00	-18.93	40.07	54	-13.93	AV
Vertical	11590.061	61.14	-8.87	52.27	74	-21.73	PK
Vertical	11590.061	49.32	-8.87	40.45	54	-13.55	AV
Vertical	17385.079	57.68	-2.35	55.33	68.2	-12.87	PK
Vertical	17385.079	44.31	-2.35	41.96	54	-12.04	AV
Horizontal	6039.071	73.52	-18.93	54.59	68.2	-13.61	PK
Horizontal	6039.071	59.56	-18.93	40.63	54	-13.37	AV
Horizontal	11590.120	63.20	-8.87	54.33	74	-19.67	PK
Horizontal	11590.120	49.14	-8.87	40.27	54	-13.73	AV
Horizontal	17385.109	59.38	-2.35	57.03	68.2	-11.17	PK
Horizontal	17385.109	44.36	-2.35	42.01	54	-11.99	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

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	4679.195	72.48	-20.24	52.24	74	-21.76	PK
Vertical	4679.195	59.46	-20.24	39.22	54	-14.78	AV
Vertical	11550.151	62.15	-8.84	53.31	74	-20.69	PK
Vertical	11550.151	49.39	-8.84	40.55	54	-13.45	AV
Vertical	17325.093	56.54	-2.68	53.86	68.2	-14.34	PK
Vertical	17325.093	44.63	-2.68	41.95	54	-12.05	AV
Horizontal	4679.071	73.90	-20.24	53.66	74	-20.34	PK
Horizontal	4679.071	59.41	-20.24	39.17	54	-14.83	AV
Horizontal	11550.128	61.89	-8.84	53.05	74	-20.95	PK
Horizontal	11550.128	49.83	-8.84	40.99	54	-13.01	AV
Horizontal	17325.100	58.50	-2.68	55.82	68.2	-12.38	PK
Horizontal	17325.100	44.79	-2.68	42.11	54	-11.89	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.

- ☒Undesirable radiated Undesirable radiated Spurious Emission in Band Edge
- All the modes 802.11a/n/ac/ax has been tested and the worst result 802.11ax20 recorded as below:

Test mode: 802.11ax20 Frequency(MHz): 5180

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5150.35	H	63.34	74	45.36	54
5150.21	V	63.35	74	43.25	54

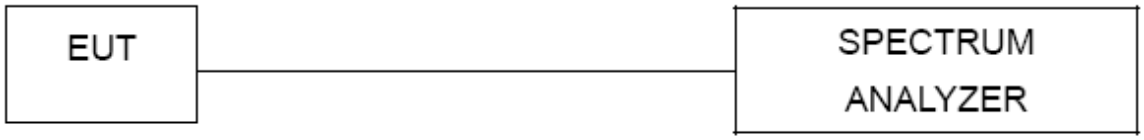
Test mode: 802.11ax20 Frequency(MHz): 5240

Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5360.32	H	45.36	74	29.12	54
5360.22	V	43.25	74	28.45	54

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp

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 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 ≥ 1/T, where T is defined in section II.B.I.a).
b) Set VBW ≥ 3 RBW.
c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 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 10log(1MHz/RBW) to the measured result, whereas RBW (< 1 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 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 ℃	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	AC 120V
Test Mode:	(5180-5240MHz)		

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5180	5.71	11	Pass
NVNT	a	5200	5.67	11	Pass
NVNT	a	5240	5.39	11	Pass
NVNT	n20	5180	4.1	11	Pass
NVNT	n20	5200	4.08	11	Pass
NVNT	n20	5240	3.78	11	Pass
NVNT	n40	5190	-0.76	11	Pass
NVNT	n40	5230	-0.56	11	Pass
NVNT	ac20	5180	3.83	11	Pass
NVNT	ac20	5200	4.18	11	Pass
NVNT	ac20	5240	4.2	11	Pass
NVNT	ac40	5190	-0.61	11	Pass
NVNT	ac40	5230	-0.6	11	Pass
NVNT	ac80	5210	-5.83	11	Pass
NVNT	ax20	5180	4.24	11	Pass
NVNT	ax20	5200	4.46	11	Pass
NVNT	ax20	5240	4.78	11	Pass
NVNT	ax40	5190	-1.83	11	Pass
NVNT	ax40	5230	-0.97	11	Pass
NVNT	ax80	5210	-6.06	11	Pass