

TEST REPORT

Report No.: BCTC2412356516-3E

Applicant: REOLINK INNOVATION LIMITED

Product Name: WiFi module

Test Model: SKI.WB800D80U.2_D40L

Tested Date: 2024-12-09 to 2024-12-30

Issued Date: 2024-12-30

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2AYHE-2404B

Product Name: WiFi module

Trademark: **Reolink**

Model/Type reference: SKI.WB800D80U.2_D40L

Prepared For: REOLINK INNOVATION LIMITED

Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET
MONG KOK KL HONG KONG

Manufacturer: REOLINK INNOVATION LIMITED

Address: FLAT/RM 705 7/F FA YUEN COMMERCIAL BUILDING 75-77 FA YUEN STREET
MONG KOK KL HONG KONG

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: 2024-12-09

Sample tested Date: 2024-12-09 to 2024-12-30

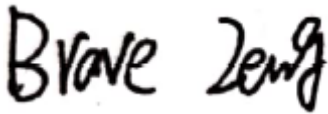
Issue Date: 2024-12-30

Report No.: BCTC2412356516-3E

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.

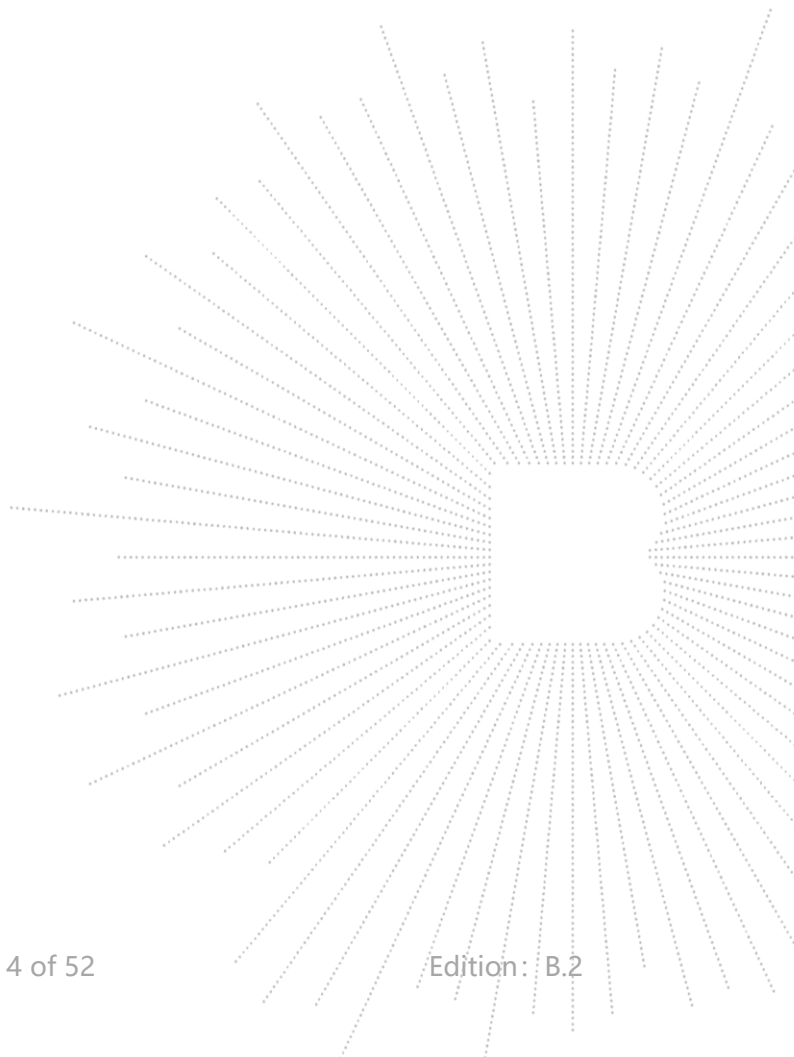
Table Of Content

Test Report Declaration	Page
1. Version	4
2. Test Summary	5
3. Measurement Uncertainty	6
4. Product Information And Test Setup	7
4.1 Product Information	7
4.2 Test Setup Configuration	7
4.3 Support Equipment	8
4.4 Channel List	8
4.5 Test Mode	9
4.6 Table Of Parameters Of Text Software Setting	9
5. Test Facility And Test Instrument Used	10
5.1 Test Facility	10
5.2 Test Instrument Used	10
6. Conducted Emissions	11
6.1 Block Diagram Of Test Setup	11
6.2 Limit	11
6.3 Test Procedure	11
6.4 EUT Operating Conditions	11
6.5 Test Result	12
7. Radiated Emissions	14
7.1 Block Diagram Of Test Setup	14
7.2 Limit	15
7.3 Test Procedure	16
7.4 EUT Operating Conditions	17
7.5 Test Result	17
8. Antenna Requirement	48
8.1 Limit	48
8.2 Test Result	48
9. EUT Photographs	49
10. EUT Test Setup Photographs	50

(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2412356516-3E	2024-12-30	Original	Valid



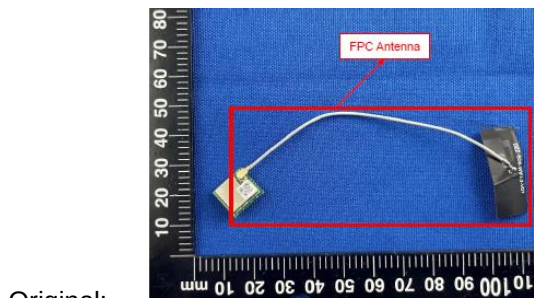
2. Test Summary

The Product has been tested according to the following specifications:

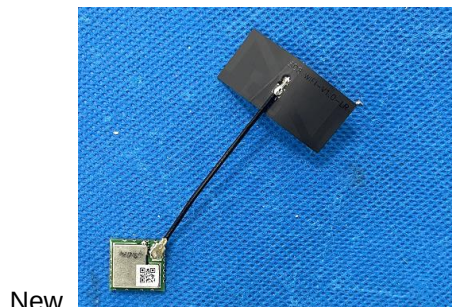
No.	Test Parameter	Clause No.	Results
1	Spurious Radiated Emissions	15.209(a) 15.407 (b)	PASS
2	Conducted Emission	15.207	PASS
3	Band Edge	15.407 b	PASS
4	Spurious Emissions at Antenna Terminals	15.407 b	PASS
5	Antenna Requirement	15.203	PASS

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

Note: According to the following changes in the product, change the antenna, Therefore, conducted emission and radiation emission, radiation stray and radiation sideband tests were only carried out in this report on the original report (BL-SZ2450651-603)



Original:



New

Note: According to the following changes in the original test report BL-SZ2450651-603), no changes have been made to the product.
Only updated test instruments, conducted emission, radiation emission, radiation sideband, radiation spurious, EUT photos, etc.

3. Measurement Uncertainty

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

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

4. Product Information And Test Setup

4.1 Product Information

Model/Type reference:	SKI.WB800D80U.2_D40L
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported	802.11a/n/ac/ax(20MHz channel bandwidth) 802.11n/ac/ax(40MHz channel bandwidth) 5180-5240MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5190-5230MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5260-5320MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5270-5310MHz for 802.11n (HT40)/ac(HT40)/ax(HT40); 5500-5700MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5410-5670MHz for 802.11n (HT40)/ac(HT40)/ax(HT40); 5745-5825 MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5755-5795 MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 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):NSS1, MCS0-MCS
Operation Frequency:	
Data Rate	
Type of Modulation:	OFDM with BPSK/QPSK/16QAM/64QAM/256QAM for 802.11a/n/ac/ax;
Antenna installation:	FPC antenna 4.2 dBi
Antenna Gain:	Remark: ☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. ☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.
Ratings:	DC 3.3V

4.2 Test Setup Configuration

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

4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
E-1	WiFi module	Reolink	SKI.WB800D8 0U.2_D40L	N/A	EUT
E-2	PC	Lenovo	ThinkPad S2	---	---
E-3	Adapter	---	---	---	---

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	BT Link+WIFI Link(Conducted emission and Radiated emission)

Note:

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

4.6 Table Of Parameters Of Text Software Setting

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

Test software Version	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

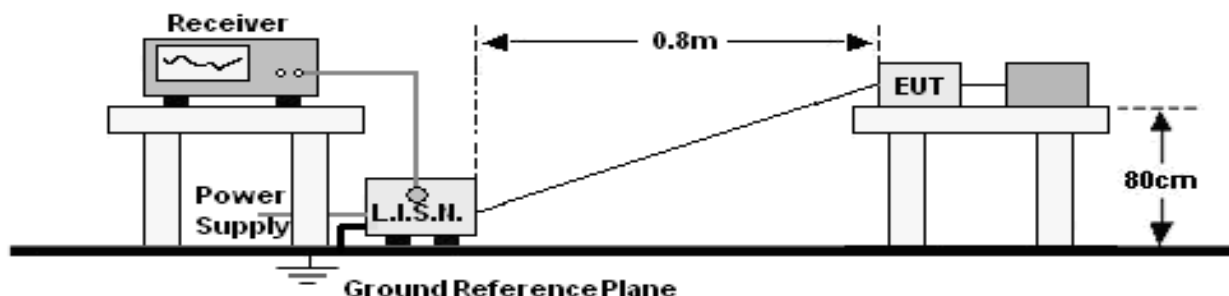
5.2 Test Instrument Used

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

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

6. Conducted Emissions

6.1 Block Diagram Of Test Setup



6.2 Limit

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

Notes:

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

6.3 Test Procedure

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

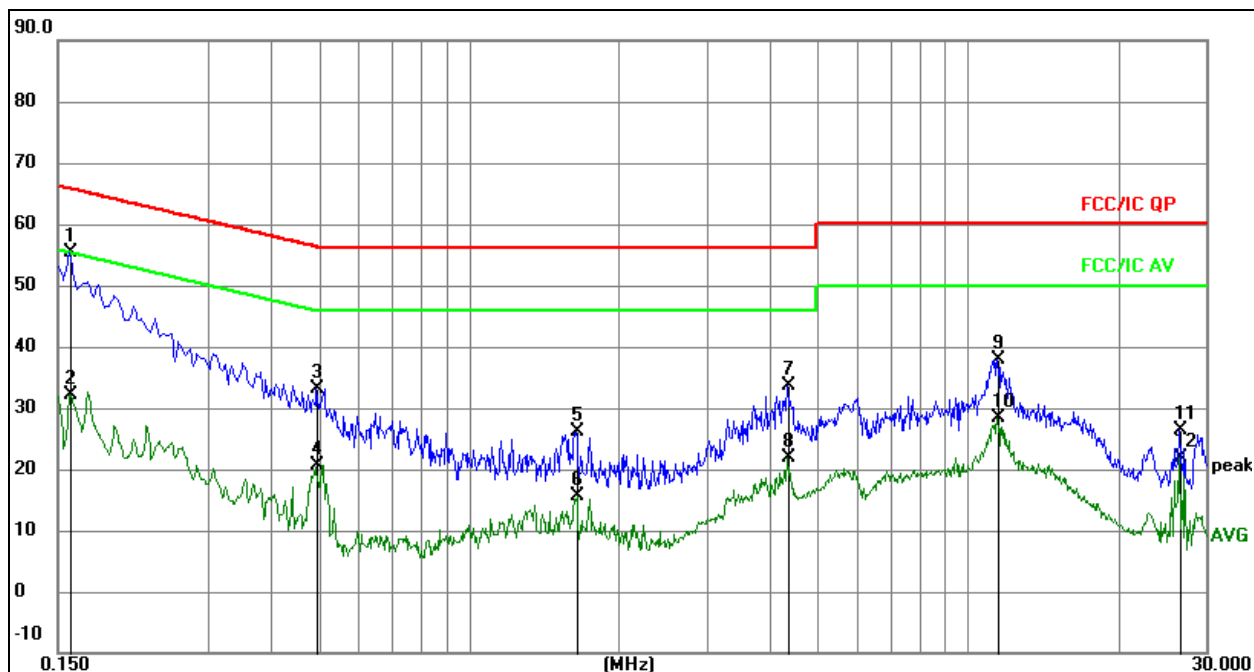
- The Product was placed on a nonconductive table 0.8 m above the horizontal ground reference plane, and 0.4 m from the vertical ground reference plane, and connected to the main through Line Impedance Stability Network (L.I.S.N).
- The RBW of the receiver was set at 9 kHz in 150 kHz ~ 30MHz with Peak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

6.4 EUT Operating Conditions

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

6.5 Test Result

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 3	Test Voltage :	DC 5V from PC

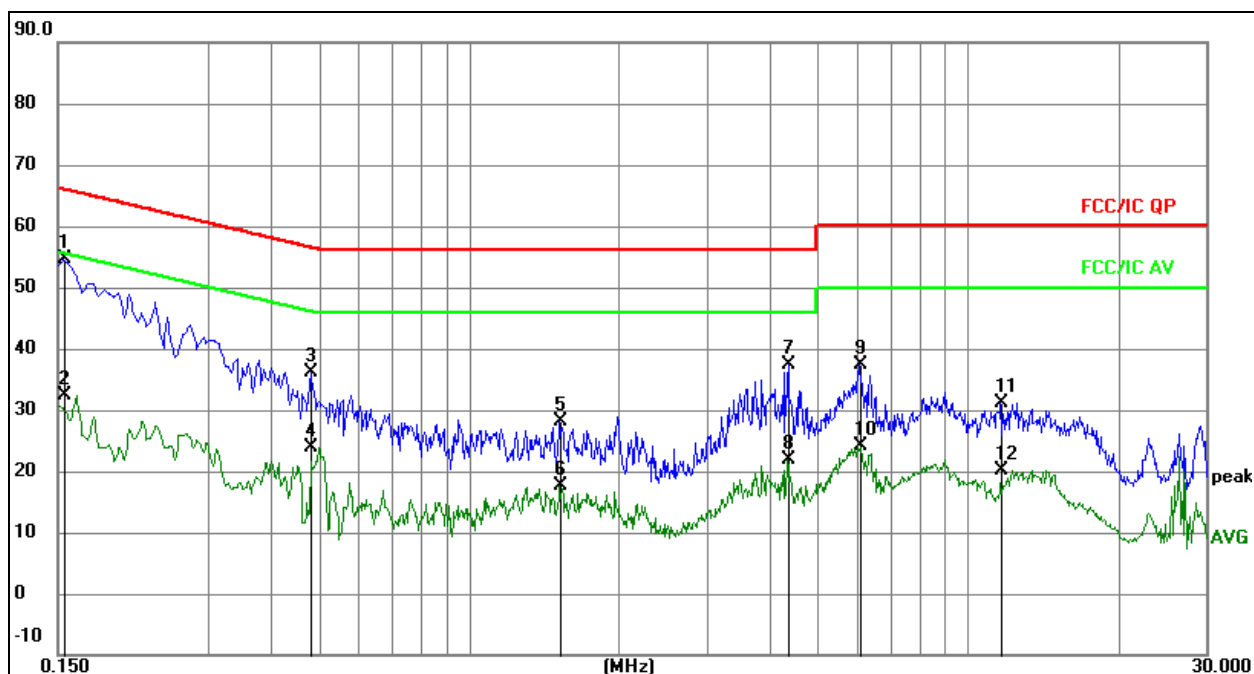


Remark:

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. MHz	Reading Level	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1	*	0.1590	35.20	20.07	55.27	65.52	-10.25	QP
2		0.1590	12.15	20.07	32.22	55.52	-23.30	AVG
3		0.4965	13.17	20.08	33.25	56.06	-22.81	QP
4		0.4965	0.66	20.08	20.74	46.06	-25.32	AVG
5		1.6395	6.06	20.10	26.16	56.00	-29.84	QP
6		1.6395	-4.43	20.10	15.67	46.00	-30.33	AVG
7		4.3485	13.38	20.14	33.52	56.00	-22.48	QP
8		4.3485	1.62	20.14	21.76	46.00	-24.24	AVG
9		11.4765	17.71	20.21	37.92	60.00	-22.08	QP
10		11.4765	8.17	20.21	28.38	50.00	-21.62	AVG
11		26.6100	6.08	20.29	26.37	60.00	-33.63	QP
12		26.6100	1.59	20.29	21.88	50.00	-28.12	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 3	Test Voltage :	DC 5V from PC



Remark:

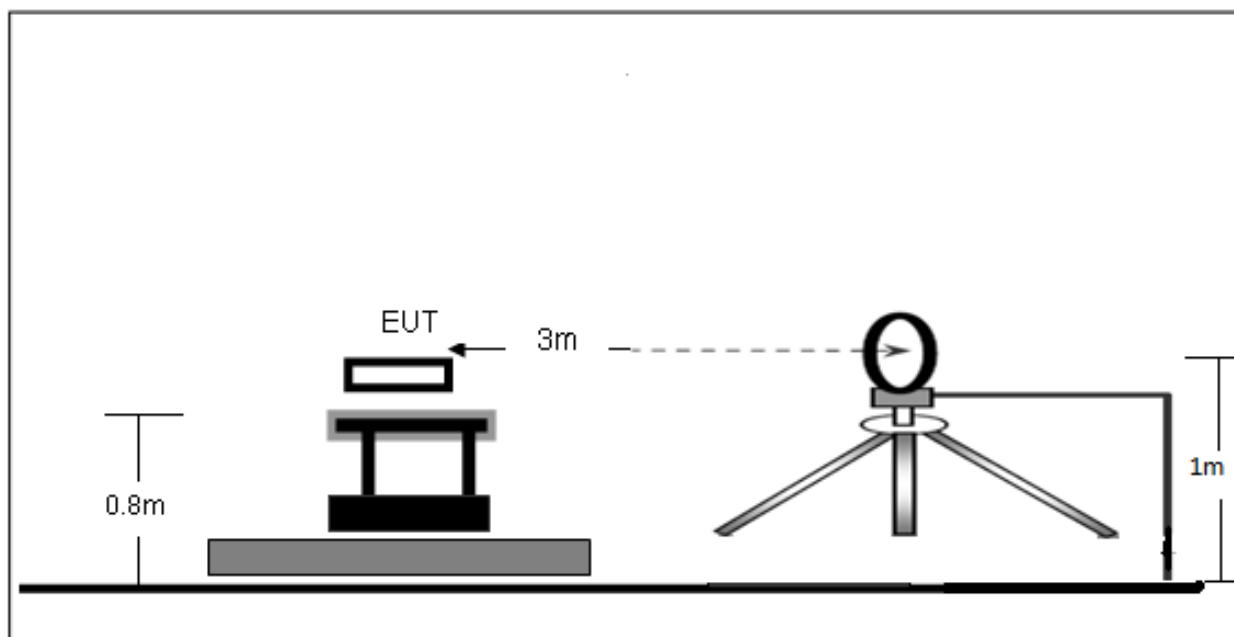
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq. MHz	Reading Level dB	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1	*	0.1545	34.44	20.07	54.51	65.75	-11.24	QP
2		0.1545	12.25	20.07	32.32	55.75	-23.43	AVG
3		0.4830	16.14	20.08	36.22	56.29	-20.07	QP
4		0.4830	3.84	20.08	23.92	46.29	-22.37	AVG
5		1.5225	7.97	20.10	28.07	56.00	-27.93	QP
6		1.5225	-2.55	20.10	17.55	46.00	-28.45	AVG
7		4.3710	17.35	20.14	37.49	56.00	-18.51	QP
8		4.3710	1.76	20.14	21.90	46.00	-24.10	AVG
9		6.0765	17.12	20.15	37.27	60.00	-22.73	QP
10		6.0765	3.98	20.15	24.13	50.00	-25.87	AVG
11		11.6700	10.93	20.22	31.15	60.00	-28.85	QP
12		11.6700	-0.15	20.22	20.07	50.00	-29.93	AVG

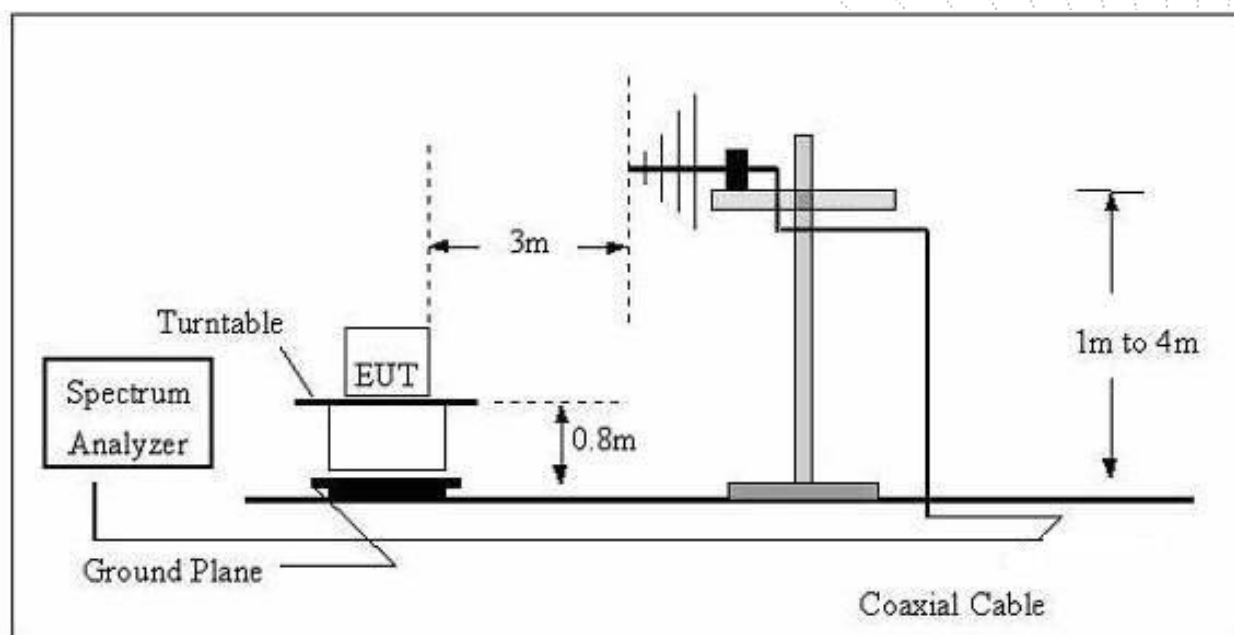
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

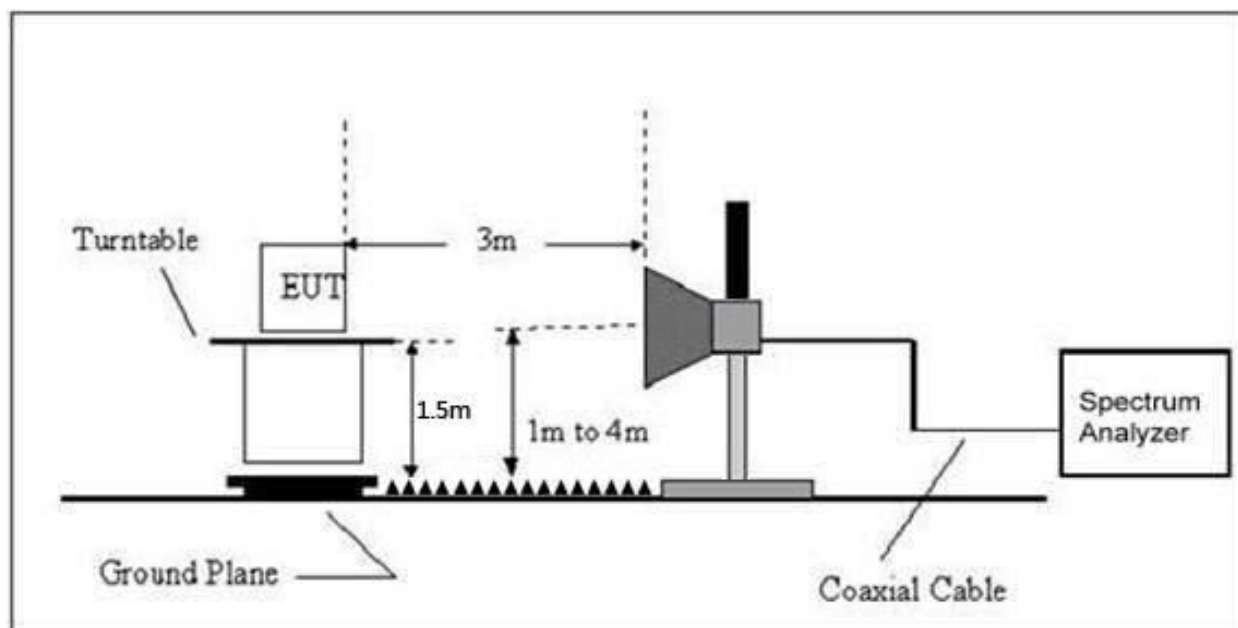
(A) Radiated Emission Test-Up Frequency Below 30MHz



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



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



7.2 Limit

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

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

Limits Of Radiated Emission Measurement (Above 1000MHz)

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

Notes:

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

7.3 Test Procedure

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

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

Use the following spectrum analyzer settings:

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

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

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

Note:

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

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

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

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

7.4 EUT Operating Conditions

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

7.5 Test Result

Below 30MHz

Temperature:	26°C	Relative Humidity:	24%
Pressure:	101 kPa	Test Voltage:	DC 5V from PC
Test Mode:	Mode 3	Polarization:	--

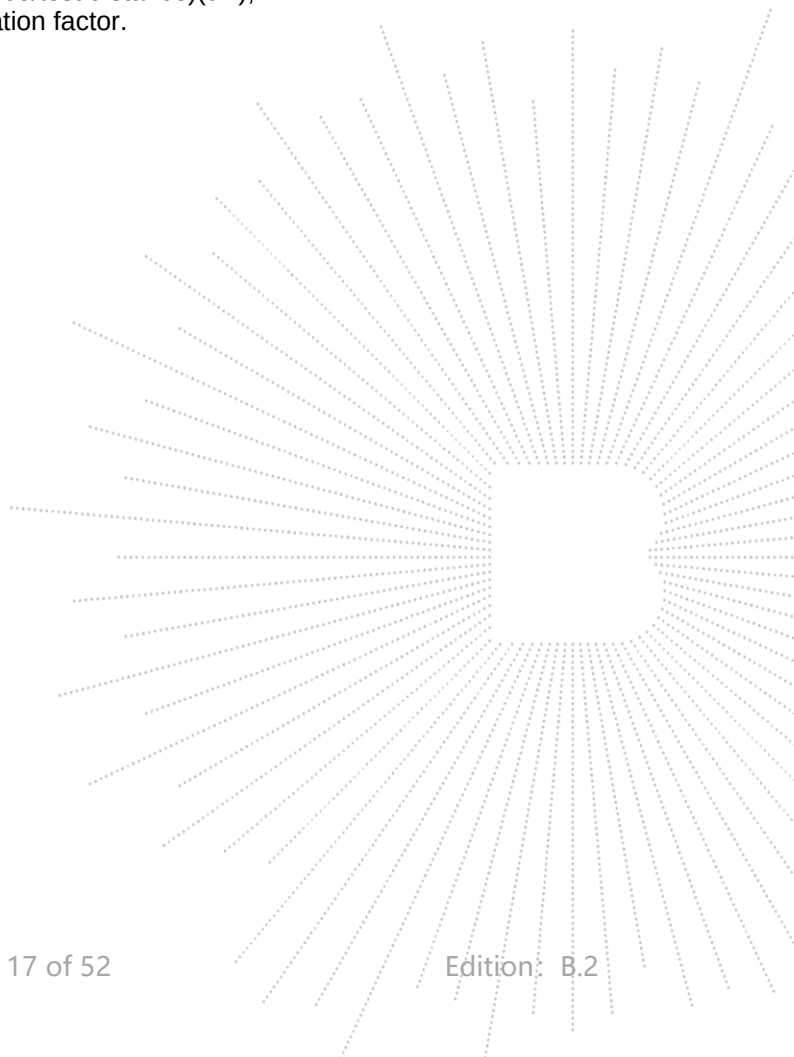
Freq. (MHz)	Reading (dBuV/m)	Limit (dBuV/m)	Margin (dB)	State P/F
--	--	--	--	PASS
--	--	--	--	PASS

Note:

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

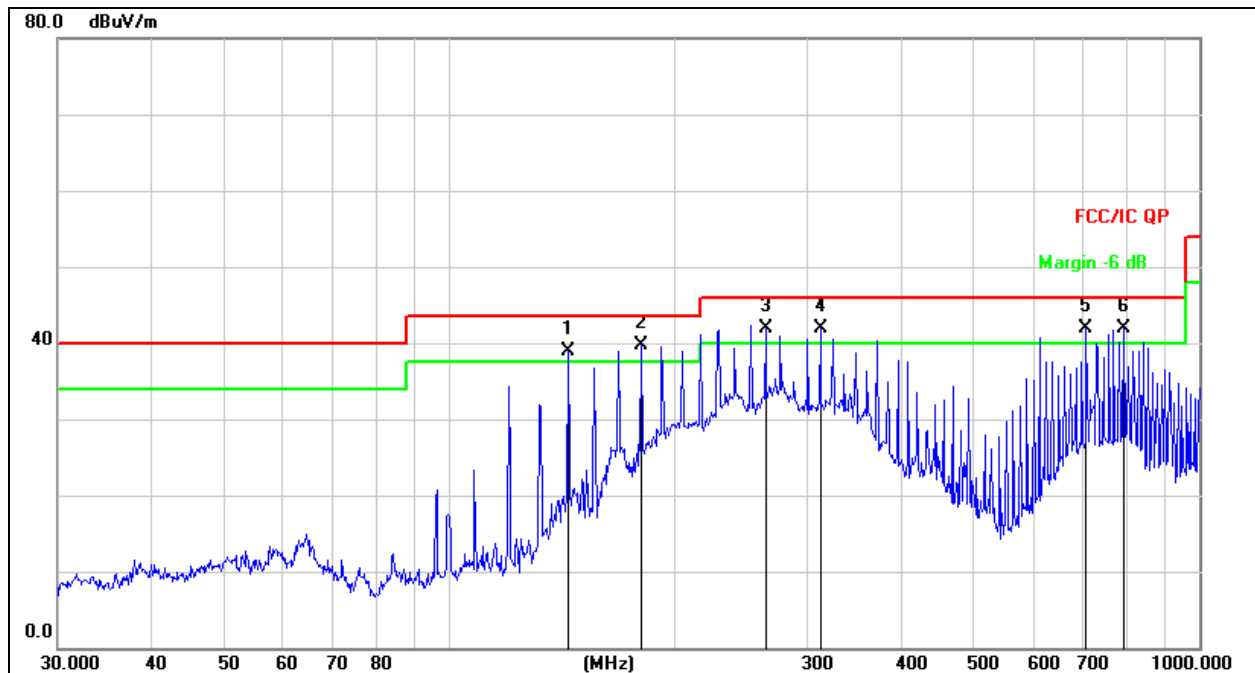
Distance extrapolation factor = $40 \log (\text{specific distance/test distance})(\text{dB})$;

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



Between 30MHz – 1GHz

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 3	Test Voltage:	DC 5V from PC

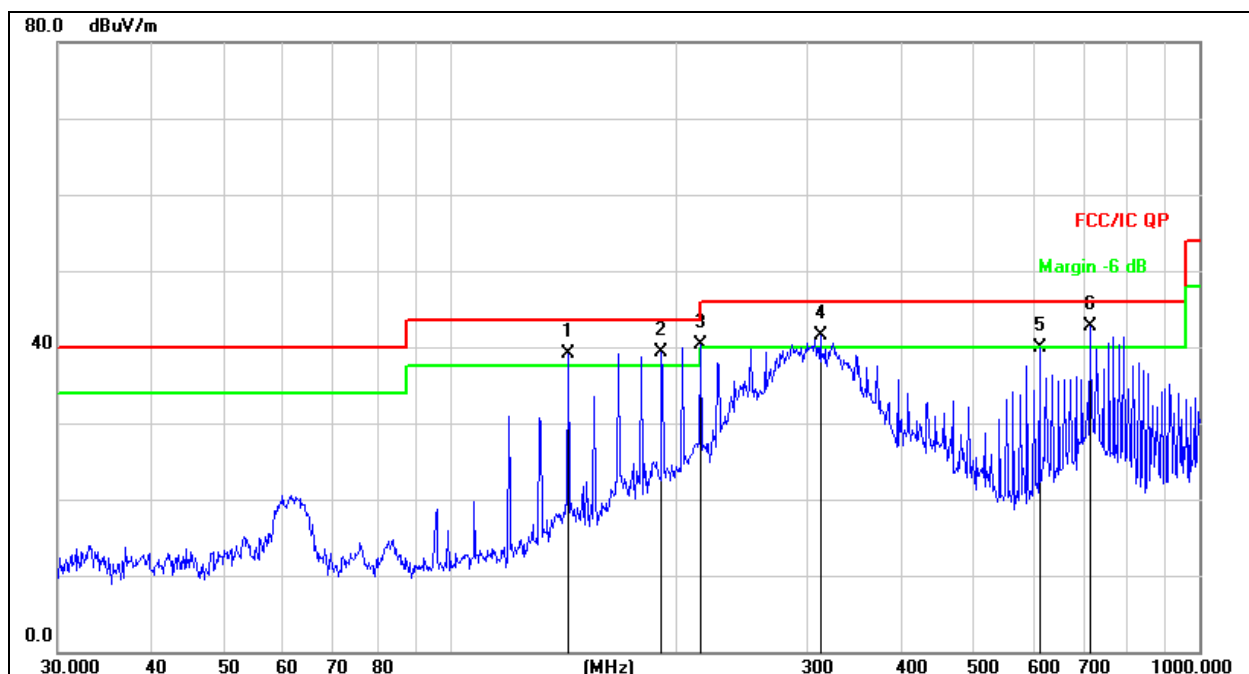


Remark:

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	!	143.8293	57.85	-19.00	38.85	43.50	-4.65	QP
2	*	180.0165	56.98	-17.20	39.78	43.50	-3.72	QP
3	!	263.8190	55.91	-14.00	41.91	46.00	-4.09	QP
4	!	312.1792	54.66	-12.81	41.85	46.00	-4.15	QP
5	!	706.6997	47.44	-5.61	41.83	46.00	-4.17	QP
6	!	793.3958	46.48	-4.48	42.00	46.00	-4.00	QP

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 3	Test Voltage:	DC 5V from PC



Remark:

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1	!	143.8293	58.03	-19.00	39.03	43.50	-4.47	QP
2	!	191.7450	55.64	-16.33	39.31	43.50	-4.19	QP
3	!	216.0240	55.64	-15.26	40.38	46.00	-5.62	QP
4	!	312.1792	54.33	-12.81	41.52	46.00	-4.48	QP
5		612.0642	46.72	-6.81	39.91	46.00	-6.09	QP
6	*	714.1734	48.25	-5.51	42.74	46.00	-3.26	QP

Between 1GHz – 40GHz

Test Mode:	TX(5.1G) - 802.11a
------------	--------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.099	71.33	-20.73	50.60	68.2	-17.60	PK
Vertical	4434.099	59.87	-20.73	39.14	54	-14.86	AV
Vertical	10360.107	64.50	-9.36	55.14	68.2	-13.06	PK
Vertical	10360.107	49.34	-9.36	39.98	54	-14.02	AV
Vertical	15540.006	61.95	-7.84	54.11	74	-19.89	PK
Vertical	15540.006	49.74	-7.84	41.90	54	-12.10	AV
Horizontal	4434.084	73.42	-20.73	52.69	68.2	-15.51	PK
Horizontal	4434.084	59.95	-20.73	39.22	54	-14.78	AV
Horizontal	10360.051	63.92	-9.36	54.56	68.2	-13.64	PK
Horizontal	10360.051	49.15	-9.36	39.79	54	-14.21	AV
Horizontal	15540.166	62.23	-7.84	54.39	74	-19.61	PK
Horizontal	15540.166	49.87	-7.84	42.03	54	-11.97	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.139	72.19	-20.42	51.77	74	-22.23	PK
Vertical	4592.139	59.27	-20.42	38.85	54	-15.15	AV
Vertical	10400.145	63.91	-9.30	54.61	68.2	-13.59	PK
Vertical	10400.145	49.56	-9.30	40.26	54	-13.74	AV
Vertical	15600.108	64.01	-7.82	56.19	74	-17.81	PK
Vertical	15600.108	49.77	-7.82	41.95	54	-12.05	AV
Horizontal	4592.180	73.07	-20.42	52.65	74	-21.35	PK
Horizontal	4592.180	59.29	-20.42	38.88	54	-15.12	AV
Horizontal	10400.111	63.69	-9.30	54.39	68.2	-13.81	PK
Horizontal	10400.111	49.47	-9.30	40.17	54	-13.83	AV
Horizontal	15600.128	62.17	-7.82	54.35	74	-19.65	PK
Horizontal	15600.128	49.66	-7.82	41.84	54	-12.16	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.079	71.64	-20.12	51.52	74	-22.48	PK
Vertical	4739.079	59.47	-20.12	39.34	54	-14.66	AV
Vertical	10480.059	64.07	-9.18	54.89	68.2	-13.31	PK
Vertical	10480.059	49.51	-9.18	40.33	54	-13.67	AV
Vertical	15720.071	62.13	-7.78	54.35	74	-19.65	PK
Vertical	15720.071	49.11	-7.78	41.33	54	-12.67	AV
Horizontal	4739.077	71.69	-20.12	51.57	74	-22.43	PK
Horizontal	4739.077	59.50	-20.12	39.38	54	-14.62	AV
Horizontal	10480.166	63.44	-9.18	54.26	68.2	-13.94	PK
Horizontal	10480.166	49.06	-9.18	39.88	54	-14.12	AV
Horizontal	15720.025	62.70	-7.78	54.92	74	-19.08	PK
Horizontal	15720.025	49.01	-7.78	41.23	54	-12.77	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11n-HT20
------------	-------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.147	70.73	-20.73	50.00	68.2	-18.20	PK
Vertical	4434.147	59.94	-20.73	39.21	54	-14.79	AV
Vertical	10360.097	62.52	-9.36	53.16	68.2	-15.04	PK
Vertical	10360.097	49.58	-9.36	40.22	54	-13.78	AV
Vertical	15540.190	63.68	-7.84	55.84	74	-18.16	PK
Vertical	15540.190	49.33	-7.84	41.49	54	-12.51	AV
Horizontal	4434.020	70.29	-20.73	49.55	68.2	-18.65	PK
Horizontal	4434.020	59.07	-20.73	38.34	54	-15.66	AV
Horizontal	10360.088	61.49	-9.36	52.13	68.2	-16.07	PK
Horizontal	10360.088	49.58	-9.36	40.22	54	-13.78	AV
Horizontal	15540.062	60.77	-7.84	52.93	74	-21.07	PK
Horizontal	15540.062	49.49	-7.84	41.65	54	-12.35	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.035	72.01	-20.42	51.59	74	-22.41	PK
Vertical	4592.035	59.19	-20.42	38.78	54	-15.22	AV
Vertical	10400.176	64.74	-9.30	55.44	68.2	-12.76	PK
Vertical	10400.176	49.17	-9.30	39.87	54	-14.13	AV
Vertical	15600.121	64.03	-7.82	56.21	74	-17.79	PK
Vertical	15600.121	49.08	-7.82	41.26	54	-12.74	AV
Horizontal	4592.005	72.66	-20.42	52.24	74	-21.76	PK
Horizontal	4592.005	59.88	-20.42	39.46	54	-14.54	AV
Horizontal	10400.098	60.90	-9.30	51.60	68.2	-16.60	PK
Horizontal	10400.098	49.86	-9.30	40.56	54	-13.44	AV
Horizontal	15600.187	60.17	-7.82	52.35	74	-21.65	PK
Horizontal	15600.187	49.28	-7.82	41.46	54	-12.54	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.131	73.61	-20.12	53.49	74	-20.51	PK
Vertical	4739.131	59.97	-20.12	39.85	54	-14.15	AV
Vertical	10480.176	60.21	-9.18	51.03	68.2	-17.17	PK
Vertical	10480.176	49.13	-9.18	39.95	54	-14.05	AV
Vertical	15720.151	61.33	-7.78	53.55	74	-20.45	PK
Vertical	15720.151	49.47	-7.78	41.69	54	-12.31	AV
Horizontal	4739.120	74.93	-20.12	54.81	74	-19.19	PK
Horizontal	4739.120	59.82	-20.12	39.69	54	-14.31	AV
Horizontal	10480.199	60.86	-9.18	51.68	68.2	-16.52	PK
Horizontal	10480.199	49.86	-9.18	40.68	54	-13.32	AV
Horizontal	15720.112	61.54	-7.78	53.76	74	-20.24	PK
Horizontal	15720.112	49.53	-7.78	41.75	54	-12.25	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.179	71.40	-20.73	50.66	68.2	-17.54	PK
Vertical	4434.179	59.19	-20.73	38.46	54	-15.54	AV
Vertical	10380.134	63.59	-9.33	54.26	68.2	-13.94	PK
Vertical	10380.134	49.85	-9.33	40.52	54	-13.48	AV
Vertical	15570.170	64.37	-7.83	56.54	74	-17.46	PK
Vertical	15570.170	49.95	-7.83	42.12	54	-11.88	AV
Horizontal	4434.115	71.43	-20.73	50.69	74	-23.31	PK
Horizontal	4434.115	59.85	-20.73	39.12	54	-14.88	AV
Horizontal	10380.162	61.75	-9.33	52.42	68.2	-15.78	PK
Horizontal	10380.162	49.28	-9.33	39.95	54	-14.05	AV
Horizontal	15570.025	62.20	-7.83	54.37	74	-19.63	PK
Horizontal	15570.025	49.78	-7.83	41.95	54	-12.05	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.160	73.59	-20.12	53.47	68.2	-14.73	PK
Vertical	4739.160	59.35	-20.12	39.23	54	-14.77	AV
Vertical	10460.073	61.57	-9.21	52.36	68.2	-15.84	PK
Vertical	10460.073	49.13	-9.21	39.92	54	-14.08	AV
Vertical	15690.172	64.80	-7.79	57.01	74	-16.99	PK
Vertical	15690.172	49.11	-7.79	41.32	54	-12.68	AV
Horizontal	4739.031	73.60	-20.12	53.48	68.2	-14.72	PK
Horizontal	4739.031	59.11	-20.12	38.98	54	-15.02	AV
Horizontal	10460.008	63.99	-9.21	54.78	68.2	-13.42	PK
Horizontal	10460.008	49.12	-9.21	39.91	54	-14.09	AV
Horizontal	15690.055	64.88	-7.79	57.09	74	-16.91	PK
Horizontal	15690.055	49.81	-7.79	42.02	54	-11.98	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11ac-HT20
------------	--------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.124	74.26	-20.73	53.53	68.2	-14.67	PK
Vertical	4434.124	59.25	-20.73	38.52	54	-15.48	AV
Vertical	10360.039	60.64	-9.36	51.28	68.2	-16.92	PK
Vertical	10360.039	49.87	-9.36	40.51	54	-13.49	AV
Vertical	15540.035	63.98	-7.84	56.14	74	-17.86	PK
Vertical	15540.035	49.51	-7.84	41.67	54	-12.33	AV
Horizontal	4434.173	71.06	-20.73	50.33	68.2	-17.87	PK
Horizontal	4434.173	59.97	-20.73	39.24	54	-14.76	AV
Horizontal	10360.072	64.17	-9.36	54.81	68.2	-13.39	PK
Horizontal	10360.072	49.62	-9.36	40.26	54	-13.74	AV
Horizontal	15540.064	61.61	-7.84	53.77	74	-20.23	PK
Horizontal	15540.064	49.75	-7.84	41.91	54	-12.09	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.097	73.17	-20.42	52.76	74	-21.24	PK
Vertical	4592.097	59.14	-20.42	38.73	54	-15.27	AV
Vertical	10400.027	62.80	-9.30	53.50	68.2	-14.70	PK
Vertical	10400.027	49.07	-9.30	39.77	54	-14.23	AV
Vertical	15600.078	61.65	-7.82	53.83	74	-20.17	PK
Vertical	15600.078	49.46	-7.82	41.64	54	-12.36	AV
Horizontal	4592.091	70.29	-20.42	49.88	74	-24.12	PK
Horizontal	4592.091	59.45	-20.42	39.03	54	-14.97	AV
Horizontal	10400.067	61.28	-9.30	51.98	68.2	-16.22	PK
Horizontal	10400.067	49.66	-9.30	40.36	54	-13.64	AV
Horizontal	15600.169	60.20	-7.82	52.38	74	-21.62	PK
Horizontal	15600.169	49.48	-7.82	41.66	54	-12.34	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.065	73.61	-20.12	53.48	74	-20.52	PK
Vertical	4739.065	59.22	-20.12	39.10	54	-14.90	AV
Vertical	10480.005	64.03	-9.18	54.85	68.2	-13.35	PK
Vertical	10480.005	49.91	-9.18	40.73	54	-13.27	AV
Vertical	15720.145	64.61	-7.78	56.83	74	-17.17	PK
Vertical	15720.145	49.42	-7.78	41.64	54	-12.36	AV
Horizontal	4739.063	74.36	-20.12	54.24	74	-19.76	PK
Horizontal	4739.063	59.06	-20.12	38.94	54	-15.06	AV
Horizontal	10480.198	64.56	-9.18	55.38	68.2	-12.82	PK
Horizontal	10480.198	49.84	-9.18	40.66	54	-13.34	AV
Horizontal	15720.051	63.18	-7.78	55.40	74	-18.60	PK
Horizontal	15720.051	49.07	-7.78	41.29	54	-12.71	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.061	71.27	-20.73	50.53	68.2	-17.67	PK
Vertical	4434.061	59.58	-20.73	38.85	54	-15.15	AV
Vertical	10380.159	64.96	-9.33	55.63	68.2	-12.57	PK
Vertical	10380.159	49.94	-9.33	40.61	54	-13.39	AV
Vertical	15570.035	62.82	-7.83	54.99	74	-19.01	PK
Vertical	15570.035	49.72	-7.83	41.89	54	-12.11	AV
Horizontal	4434.150	70.61	-20.73	49.88	74	-24.12	PK
Horizontal	4434.150	59.71	-20.73	38.97	54	-15.03	AV
Horizontal	10380.122	63.49	-9.33	54.16	68.2	-14.04	PK
Horizontal	10380.122	49.46	-9.33	40.13	54	-13.87	AV
Horizontal	15570.159	64.73	-7.83	56.90	74	-17.10	PK
Horizontal	15570.159	49.99	-7.83	42.16	54	-11.84	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.144	71.92	-20.12	51.80	68.2	-16.40	PK
Vertical	4739.144	59.34	-20.12	39.22	54	-14.78	AV
Vertical	10460.002	60.31	-9.21	51.10	68.2	-17.10	PK
Vertical	10460.002	49.45	-9.21	40.24	54	-13.76	AV
Vertical	15690.197	61.92	-7.79	54.13	74	-19.87	PK
Vertical	15690.197	49.81	-7.79	42.02	54	-11.98	AV
Horizontal	4739.067	73.50	-20.12	53.37	68.2	-14.83	PK
Horizontal	4739.067	59.04	-20.12	38.92	54	-15.08	AV
Horizontal	10460.188	61.74	-9.21	52.53	68.2	-15.67	PK
Horizontal	10460.188	49.35	-9.21	40.14	54	-13.86	AV
Horizontal	15690.180	62.57	-7.79	54.78	74	-19.22	PK
Horizontal	15690.180	49.42	-7.79	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-HT20
------------	--------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.118	71.82	-20.73	51.09	68.2	-17.11	PK
Vertical	4434.118	59.51	-20.73	38.77	54	-15.23	AV
Vertical	10360.021	62.47	-9.36	53.11	68.2	-15.09	PK
Vertical	10360.021	49.51	-9.36	40.15	54	-13.85	AV
Vertical	15540.021	61.06	-7.84	53.22	74	-20.78	PK
Vertical	15540.021	49.42	-7.84	41.58	54	-12.42	AV
Horizontal	4434.054	70.74	-20.73	50.01	68.2	-18.19	PK
Horizontal	4434.054	59.24	-20.73	38.51	54	-15.49	AV
Horizontal	10360.129	60.61	-9.36	51.25	68.2	-16.95	PK
Horizontal	10360.129	49.84	-9.36	40.48	54	-13.52	AV
Horizontal	15540.117	62.15	-7.84	54.31	74	-19.69	PK
Horizontal	15540.117	49.83	-7.84	41.99	54	-12.01	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.118	72.41	-20.42	51.99	74	-22.01	PK
Vertical	4592.118	59.23	-20.42	38.82	54	-15.18	AV
Vertical	10400.024	64.16	-9.30	54.86	68.2	-13.34	PK
Vertical	10400.024	49.67	-9.30	40.37	54	-13.63	AV
Vertical	15600.108	61.50	-7.82	53.68	74	-20.32	PK
Vertical	15600.108	49.83	-7.82	42.01	54	-11.99	AV
Horizontal	4592.033	73.26	-20.42	52.85	74	-21.15	PK
Horizontal	4592.033	59.80	-20.42	39.38	54	-14.62	AV
Horizontal	10400.119	64.31	-9.30	55.01	68.2	-13.19	PK
Horizontal	10400.119	49.59	-9.30	40.29	54	-13.71	AV
Horizontal	15600.161	63.94	-7.82	56.12	74	-17.88	PK
Horizontal	15600.161	49.07	-7.82	41.25	54	-12.75	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.165	74.47	-20.12	54.35	74	-19.65	PK
Vertical	4739.165	59.73	-20.12	39.61	54	-14.39	AV
Vertical	10480.178	60.91	-9.18	51.73	68.2	-16.47	PK
Vertical	10480.178	49.92	-9.18	40.74	54	-13.26	AV
Vertical	15720.083	61.58	-7.78	53.80	74	-20.20	PK
Vertical	15720.083	49.79	-7.78	42.01	54	-11.99	AV
Horizontal	4739.060	73.40	-20.12	53.28	74	-20.72	PK
Horizontal	4739.060	59.62	-20.12	39.50	54	-14.50	AV
Horizontal	10480.180	64.21	-9.18	55.03	68.2	-13.17	PK
Horizontal	10480.180	49.67	-9.18	40.49	54	-13.51	AV
Horizontal	15720.113	64.09	-7.78	56.31	74	-17.69	PK
Horizontal	15720.113	49.42	-7.78	41.64	54	-12.36	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.130	73.45	-20.73	52.72	68.2	-15.48	PK
Vertical	4434.130	59.93	-20.73	39.20	54	-14.80	AV
Vertical	10380.150	62.76	-9.33	53.43	68.2	-14.77	PK
Vertical	10380.150	49.03	-9.33	39.70	54	-14.30	AV
Vertical	15570.043	63.69	-7.83	55.86	74	-18.14	PK
Vertical	15570.043	49.91	-7.83	42.08	54	-11.92	AV
Horizontal	4434.062	71.18	-20.73	50.45	74	-23.55	PK
Horizontal	4434.062	59.06	-20.73	38.33	54	-15.67	AV
Horizontal	10380.129	64.31	-9.33	54.98	68.2	-13.22	PK
Horizontal	10380.129	49.55	-9.33	40.22	54	-13.78	AV
Horizontal	15570.092	61.89	-7.83	54.06	74	-19.94	PK
Horizontal	15570.092	49.27	-7.83	41.44	54	-12.56	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.140	74.84	-20.12	54.72	68.2	-13.48	PK
Vertical	4739.140	59.60	-20.12	39.48	54	-14.52	AV
Vertical	10460.126	61.00	-9.21	51.79	68.2	-16.41	PK
Vertical	10460.126	49.50	-9.21	40.29	54	-13.71	AV
Vertical	15690.139	64.91	-7.79	57.12	74	-16.88	PK
Vertical	15690.139	49.82	-7.79	42.03	54	-11.97	AV
Horizontal	4739.042	70.22	-20.12	50.10	68.2	-18.10	PK
Horizontal	4739.042	59.27	-20.12	39.14	54	-14.86	AV
Horizontal	10460.147	64.80	-9.21	55.59	68.2	-12.61	PK
Horizontal	10460.147	49.28	-9.21	40.07	54	-13.93	AV
Horizontal	15690.037	64.36	-7.79	56.57	74	-17.43	PK
Horizontal	15690.037	49.46	-7.79	41.67	54	-12.33	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11a
------------	--------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.033	71.69	-20.73	50.96	68.2	-17.24	PK
Vertical	4434.033	59.48	-20.73	38.75	54	-15.25	AV
Vertical	10520.018	61.18	-9.12	52.06	68.2	-16.14	PK
Vertical	10520.018	49.55	-9.12	40.43	54	-13.57	AV
Vertical	15780.096	61.78	-7.77	54.01	74	-19.99	PK
Vertical	15780.096	49.23	-7.77	41.46	54	-12.54	AV
Horizontal	4434.088	72.01	-20.73	51.28	68.2	-16.92	PK
Horizontal	4434.088	59.59	-20.73	38.86	54	-15.14	AV
Horizontal	10520.077	60.20	-9.12	51.08	68.2	-17.12	PK
Horizontal	10520.077	49.46	-9.12	40.34	54	-13.66	AV
Horizontal	15780.042	63.55	-7.77	55.78	74	-18.22	PK
Horizontal	15780.042	49.61	-7.77	41.84	54	-12.16	AV
Middle Channel (5280 MHz)-Above 1G							
Vertical	4592.165	70.83	-20.42	50.42	74	-23.58	PK
Vertical	4592.165	59.93	-20.42	39.51	54	-14.49	AV
Vertical	10560.121	64.64	-9.06	55.58	68.2	-12.62	PK
Vertical	10560.121	49.14	-9.06	40.08	54	-13.92	AV
Vertical	15840.034	62.36	-7.75	54.61	74	-19.39	PK
Vertical	15840.034	49.91	-7.75	42.16	54	-11.84	AV
Horizontal	4592.174	72.78	-20.42	52.36	74	-21.64	PK
Horizontal	4592.174	59.67	-20.42	39.26	54	-14.74	AV
Horizontal	10560.076	64.43	-9.06	55.37	68.2	-12.83	PK
Horizontal	10560.076	49.35	-9.06	40.29	54	-13.71	AV
Horizontal	15840.174	61.63	-7.75	53.88	74	-20.12	PK
Horizontal	15840.174	49.15	-7.75	41.40	54	-12.60	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.020	71.23	-20.12	51.11	74	-22.89	PK
Vertical	4739.020	59.52	-20.12	39.40	54	-14.60	AV
Vertical	10640.122	64.70	-8.94	55.76	68.2	-12.44	PK
Vertical	10640.122	49.03	-8.94	40.09	54	-13.91	AV
Vertical	15960.016	61.27	-7.71	53.56	74	-20.44	PK
Vertical	15960.016	49.13	-7.71	41.42	54	-12.58	AV
Horizontal	4739.031	74.72	-20.12	54.60	74	-19.40	PK
Horizontal	4739.031	59.75	-20.12	39.63	54	-14.37	AV
Horizontal	10640.185	61.81	-8.94	52.87	68.2	-15.33	PK
Horizontal	10640.185	49.22	-8.94	40.28	54	-13.72	AV
Horizontal	15960.138	62.48	-7.71	54.77	74	-19.23	PK
Horizontal	15960.138	49.72	-7.71	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(5.3G) - 802.11n-HT20
------------	-------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.070	70.16	-20.73	49.42	68.2	-18.78	PK
Vertical	4434.070	59.06	-20.73	38.33	54	-15.67	AV
Vertical	10520.144	62.79	-9.12	53.67	68.2	-14.53	PK
Vertical	10520.144	49.31	-9.12	40.19	54	-13.81	AV
Vertical	15780.177	63.92	-7.77	56.15	74	-17.85	PK
Vertical	15780.177	49.78	-7.77	42.01	54	-11.99	AV
Horizontal	4434.011	72.98	-20.73	52.25	68.2	-15.95	PK
Horizontal	4434.011	59.26	-20.73	38.52	54	-15.48	AV
Horizontal	10520.135	64.41	-9.12	55.29	68.2	-12.91	PK
Horizontal	10520.135	49.70	-9.12	40.58	54	-13.42	AV
Horizontal	15780.157	61.17	-7.77	53.40	74	-20.60	PK
Horizontal	15780.157	49.90	-7.77	42.13	54	-11.87	AV
Middle Channel (5280 MHz)-Above 1G							
Vertical	4592.185	72.90	-20.42	52.49	74	-21.51	PK
Vertical	4592.185	59.14	-20.42	38.72	54	-15.28	AV
Vertical	10560.089	61.62	-9.06	52.56	68.2	-15.64	PK
Vertical	10560.089	49.64	-9.06	40.58	54	-13.42	AV
Vertical	15840.126	60.70	-7.75	52.95	74	-21.05	PK
Vertical	15840.126	49.03	-7.75	41.28	54	-12.72	AV
Horizontal	4592.029	70.28	-20.42	49.86	74	-24.14	PK
Horizontal	4592.029	59.35	-20.42	38.94	54	-15.06	AV
Horizontal	10560.117	60.92	-9.06	51.86	68.2	-16.34	PK
Horizontal	10560.117	50.00	-9.06	40.94	54	-13.06	AV
Horizontal	15840.085	63.29	-7.75	55.54	74	-18.46	PK
Horizontal	15840.085	49.14	-7.75	41.39	54	-12.61	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.033	74.52	-20.12	54.40	74	-19.60	PK
Vertical	4739.033	59.22	-20.12	39.10	54	-14.90	AV
Vertical	10640.063	62.49	-8.94	53.55	68.2	-14.65	PK
Vertical	10640.063	49.23	-8.94	40.29	54	-13.71	AV
Vertical	15960.065	61.30	-7.71	53.59	74	-20.41	PK
Vertical	15960.065	49.68	-7.71	41.97	54	-12.03	AV
Horizontal	4739.029	70.14	-20.12	50.01	74	-23.99	PK
Horizontal	4739.029	59.97	-20.12	39.85	54	-14.15	AV
Horizontal	10640.127	63.04	-8.94	54.10	68.2	-14.10	PK
Horizontal	10640.127	49.42	-8.94	40.48	54	-13.52	AV
Horizontal	15960.179	64.87	-7.71	57.16	74	-16.84	PK
Horizontal	15960.179	49.60	-7.71	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(5.3G) - 802.11n-HT40
------------	-------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5270 MHz)-Above 1G							
Vertical	4434.068	70.83	-20.73	50.10	68.2	-18.10	PK
Vertical	4434.068	59.87	-20.73	39.14	54	-14.86	AV
Vertical	10540.046	64.69	-9.09	55.60	68.2	-12.60	PK
Vertical	10540.046	49.00	-9.09	39.91	54	-14.09	AV
Vertical	15810.027	63.64	-7.76	55.88	74	-18.12	PK
Vertical	15810.027	49.36	-7.76	41.60	54	-12.40	AV
Horizontal	4434.171	73.11	-20.73	52.38	74	-21.62	PK
Horizontal	4434.171	59.57	-20.73	38.84	54	-15.16	AV
Horizontal	10540.032	60.68	-9.09	51.59	68.2	-16.61	PK
Horizontal	10540.032	49.29	-9.09	40.20	54	-13.80	AV
Horizontal	15810.073	63.49	-7.76	55.73	74	-18.27	PK
Horizontal	15810.073	49.26	-7.76	41.50	54	-12.50	AV
Middle Channel (5310 MHz)-Above 1G							
Vertical	4739.132	72.01	-20.12	51.89	68.2	-16.31	PK
Vertical	4739.132	59.06	-20.12	38.94	54	-15.06	AV
Vertical	10620.187	64.42	-8.97	55.45	68.2	-12.75	PK
Vertical	10620.187	49.30	-8.97	40.33	54	-13.67	AV
Vertical	15930.100	61.77	-7.72	54.05	74	-19.95	PK
Vertical	15930.100	49.52	-7.72	41.80	54	-12.20	AV
Horizontal	4739.088	71.44	-20.12	51.32	68.2	-16.88	PK
Horizontal	4739.088	59.34	-20.12	39.22	54	-14.78	AV
Horizontal	10620.091	63.31	-8.97	54.34	68.2	-13.86	PK
Horizontal	10620.091	49.10	-8.97	40.13	54	-13.87	AV
Horizontal	15930.176	61.10	-7.72	53.38	74	-20.62	PK
Horizontal	15930.176	49.43	-7.72	41.71	54	-12.29	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11ac-HT20
------------	--------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.104	72.35	-20.73	51.62	68.2	-16.58	PK
Vertical	4434.104	59.36	-20.73	38.63	54	-15.37	AV
Vertical	10520.038	62.65	-9.12	53.53	68.2	-14.67	PK
Vertical	10520.038	49.76	-9.12	40.64	54	-13.36	AV
Vertical	15780.109	63.73	-7.77	55.96	74	-18.04	PK
Vertical	15780.109	49.77	-7.77	42.00	54	-12.00	AV
Horizontal	4434.149	73.66	-20.73	52.93	68.2	-15.27	PK
Horizontal	4434.149	59.99	-20.73	39.26	54	-14.74	AV
Horizontal	10520.007	64.27	-9.12	55.15	68.2	-13.05	PK
Horizontal	10520.007	49.60	-9.12	40.48	54	-13.52	AV
Horizontal	15780.056	62.43	-7.77	54.66	74	-19.34	PK
Horizontal	15780.056	49.01	-7.77	41.24	54	-12.76	AV
Middle Channel (5280 MHz)-Above 1G							
Vertical	4592.066	70.83	-20.42	50.42	74	-23.58	PK
Vertical	4592.066	59.40	-20.42	38.99	54	-15.01	AV
Vertical	10560.144	62.61	-9.06	53.55	68.2	-14.65	PK
Vertical	10560.144	49.52	-9.06	40.46	54	-13.54	AV
Vertical	15840.055	64.62	-7.75	56.87	74	-17.13	PK
Vertical	15840.055	49.60	-7.75	41.85	54	-12.15	AV
Horizontal	4592.109	70.11	-20.42	49.69	74	-24.31	PK
Horizontal	4592.109	59.10	-20.42	38.68	54	-15.32	AV
Horizontal	10560.099	64.09	-9.06	55.03	68.2	-13.17	PK
Horizontal	10560.099	49.98	-9.06	40.92	54	-13.08	AV
Horizontal	15840.107	63.52	-7.75	55.77	74	-18.23	PK
Horizontal	15840.107	49.05	-7.75	41.30	54	-12.70	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.111	70.17	-20.12	50.04	74	-23.96	PK
Vertical	4739.111	59.10	-20.12	38.98	54	-15.02	AV
Vertical	10640.137	60.50	-8.94	51.56	68.2	-16.64	PK
Vertical	10640.137	49.02	-8.94	40.08	54	-13.92	AV
Vertical	15960.086	62.14	-7.71	54.43	74	-19.57	PK
Vertical	15960.086	49.73	-7.71	42.02	54	-11.98	AV
Horizontal	4739.178	71.63	-20.12	51.51	74	-22.49	PK
Horizontal	4739.178	59.43	-20.12	39.30	54	-14.70	AV
Horizontal	10640.096	60.48	-8.94	51.54	68.2	-16.66	PK
Horizontal	10640.096	49.58	-8.94	40.64	54	-13.36	AV
Horizontal	15960.003	64.00	-7.71	56.29	74	-17.71	PK
Horizontal	15960.003	49.39	-7.71	41.68	54	-12.32	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5270 MHz)-Above 1G							
Vertical	4434.024	74.81	-20.73	54.08	68.2	-14.12	PK
Vertical	4434.024	59.70	-20.73	38.97	54	-15.03	AV
Vertical	10540.028	63.13	-9.09	54.04	68.2	-14.16	PK
Vertical	10540.028	49.95	-9.09	40.86	54	-13.14	AV
Vertical	15810.065	60.36	-7.76	52.60	74	-21.40	PK
Vertical	15810.065	49.16	-7.76	41.40	54	-12.60	AV
Horizontal	4434.051	71.36	-20.73	50.63	74	-23.37	PK
Horizontal	4434.051	59.37	-20.73	38.64	54	-15.36	AV
Horizontal	10540.083	62.69	-9.09	53.60	68.2	-14.60	PK
Horizontal	10540.083	49.81	-9.09	40.72	54	-13.28	AV
Horizontal	15810.082	61.17	-7.76	53.41	74	-20.59	PK
Horizontal	15810.082	49.15	-7.76	41.39	54	-12.61	AV
Middle Channel (5310 MHz)-Above 1G							
Vertical	4739.143	71.34	-20.12	51.22	68.2	-16.98	PK
Vertical	4739.143	59.41	-20.12	39.29	54	-14.71	AV
Vertical	10620.186	61.51	-8.97	52.54	68.2	-15.66	PK
Vertical	10620.186	49.91	-8.97	40.94	54	-13.06	AV
Vertical	15930.194	63.58	-7.72	55.86	74	-18.14	PK
Vertical	15930.194	49.67	-7.72	41.95	54	-12.05	AV
Horizontal	4739.118	71.19	-20.12	51.07	68.2	-17.13	PK
Horizontal	4739.118	59.73	-20.12	39.61	54	-14.39	AV
Horizontal	10620.029	62.44	-8.97	53.47	68.2	-14.73	PK
Horizontal	10620.029	49.36	-8.97	40.39	54	-13.61	AV
Horizontal	15930.054	60.20	-7.72	52.48	74	-21.52	PK
Horizontal	15930.054	49.07	-7.72	41.35	54	-12.65	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11ax-HT20
------------	--------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.056	72.44	-20.73	51.70	68.2	-16.50	PK
Vertical	4434.056	59.49	-20.73	38.76	54	-15.24	AV
Vertical	10520.115	61.84	-9.12	52.72	68.2	-15.48	PK
Vertical	10520.115	49.87	-9.12	40.75	54	-13.25	AV
Vertical	15780.062	63.14	-7.77	55.37	74	-18.63	PK
Vertical	15780.062	49.23	-7.77	41.46	54	-12.54	AV
Horizontal	4434.078	70.35	-20.73	49.62	68.2	-18.58	PK
Horizontal	4434.078	59.79	-20.73	39.06	54	-14.94	AV
Horizontal	10520.135	64.00	-9.12	54.88	68.2	-13.32	PK
Horizontal	10520.135	49.31	-9.12	40.19	54	-13.81	AV
Horizontal	15780.028	62.66	-7.77	54.89	74	-19.11	PK
Horizontal	15780.028	49.64	-7.77	41.87	54	-12.13	AV
Middle Channel (5280 MHz)-Above 1G							
Vertical	4592.058	74.35	-20.42	53.94	74	-20.06	PK
Vertical	4592.058	59.63	-20.42	39.21	54	-14.79	AV
Vertical	10560.171	61.45	-9.06	52.39	68.2	-15.81	PK
Vertical	10560.171	49.48	-9.06	40.42	54	-13.58	AV
Vertical	15840.106	63.66	-7.75	55.91	74	-18.09	PK
Vertical	15840.106	49.64	-7.75	41.89	54	-12.11	AV
Horizontal	4592.106	70.52	-20.42	50.10	74	-23.90	PK
Horizontal	4592.106	59.04	-20.42	38.62	54	-15.38	AV
Horizontal	10560.069	61.48	-9.06	52.42	68.2	-15.78	PK
Horizontal	10560.069	49.03	-9.06	39.97	54	-14.03	AV
Horizontal	15840.078	63.26	-7.75	55.51	74	-18.49	PK
Horizontal	15840.078	49.48	-7.75	41.73	54	-12.27	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.001	74.39	-20.12	54.27	74	-19.73	PK
Vertical	4739.001	59.78	-20.12	39.66	54	-14.34	AV
Vertical	10640.152	63.73	-8.94	54.79	68.2	-13.41	PK
Vertical	10640.152	49.98	-8.94	41.04	54	-12.96	AV
Vertical	15960.157	61.59	-7.71	53.88	74	-20.12	PK
Vertical	15960.157	49.50	-7.71	41.79	54	-12.21	AV
Horizontal	4739.139	72.87	-20.12	52.75	74	-21.25	PK
Horizontal	4739.139	59.18	-20.12	39.06	54	-14.94	AV
Horizontal	10640.183	64.36	-8.94	55.42	68.2	-12.78	PK
Horizontal	10640.183	49.88	-8.94	40.94	54	-13.06	AV
Horizontal	15960.112	62.73	-7.71	55.02	74	-18.98	PK
Horizontal	15960.112	49.17	-7.71	41.46	54	-12.54	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5270 MHz)-Above 1G							
Vertical	4434.142	71.09	-20.73	50.35	68.2	-17.85	PK
Vertical	4434.142	59.26	-20.73	38.53	54	-15.47	AV
Vertical	10540.046	61.75	-9.09	52.66	68.2	-15.54	PK
Vertical	10540.046	49.66	-9.09	40.57	54	-13.43	AV
Vertical	15810.129	60.56	-7.76	52.80	74	-21.20	PK
Vertical	15810.129	49.50	-7.76	41.74	54	-12.26	AV
Horizontal	4434.151	74.78	-20.73	54.05	74	-19.95	PK
Horizontal	4434.151	59.38	-20.73	38.65	54	-15.35	AV
Horizontal	10540.113	62.73	-9.09	53.64	68.2	-14.56	PK
Horizontal	10540.113	49.48	-9.09	40.39	54	-13.61	AV
Horizontal	15810.166	61.91	-7.76	54.15	74	-19.85	PK
Horizontal	15810.166	49.08	-7.76	41.32	54	-12.68	AV
Middle Channel (5310 MHz)-Above 1G							
Vertical	4739.098	71.88	-20.12	51.76	68.2	-16.44	PK
Vertical	4739.098	59.53	-20.12	39.41	54	-14.59	AV
Vertical	10620.074	61.09	-8.97	52.12	68.2	-16.08	PK
Vertical	10620.074	49.57	-8.97	40.60	54	-13.40	AV
Vertical	15930.100	63.31	-7.72	55.59	74	-18.41	PK
Vertical	15930.100	49.71	-7.72	41.99	54	-12.01	AV
Horizontal	4739.109	74.22	-20.12	54.10	68.2	-14.10	PK
Horizontal	4739.109	59.39	-20.12	39.27	54	-14.73	AV
Horizontal	10620.016	61.86	-8.97	52.89	68.2	-15.31	PK
Horizontal	10620.016	49.50	-8.97	40.53	54	-13.47	AV
Horizontal	15930.119	62.56	-7.72	54.84	74	-19.16	PK
Horizontal	15930.119	49.40	-7.72	41.68	54	-12.32	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	4434.183	74.63	-20.73	53.89	68.2	-14.31	PK
Vertical	4434.183	59.02	-20.73	38.29	54	-15.71	AV
Vertical	11000.020	64.36	-8.40	55.96	68.2	-12.24	PK
Vertical	11000.020	49.11	-8.40	40.71	54	-13.29	AV
Vertical	16500.108	62.92	-6.09	56.83	74	-17.17	PK
Vertical	16500.108	49.78	-6.09	43.69	54	-10.31	AV
Horizontal	4434.021	72.83	-20.73	52.10	68.2	-16.10	PK
Horizontal	4434.021	59.77	-20.73	39.03	54	-14.97	AV
Horizontal	11000.052	60.59	-8.40	52.19	68.2	-16.01	PK
Horizontal	11000.052	49.63	-8.40	41.23	54	-12.77	AV
Horizontal	16500.198	60.63	-6.09	54.54	74	-19.46	PK
Horizontal	16500.198	49.07	-6.09	42.98	54	-11.02	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.055	72.32	-20.42	51.91	74	-22.09	PK
Vertical	4592.055	59.35	-20.42	38.93	54	-15.07	AV
Vertical	11160.023	62.31	-8.53	53.78	68.2	-14.42	PK
Vertical	11160.023	49.57	-8.53	41.04	54	-12.96	AV
Vertical	16740.024	64.19	-5.31	58.88	74	-15.12	PK
Vertical	16740.024	49.67	-5.31	44.36	54	-9.64	AV
Horizontal	4592.091	71.07	-20.42	50.66	74	-23.34	PK
Horizontal	4592.091	59.30	-20.42	38.88	54	-15.12	AV
Horizontal	11160.001	60.65	-8.53	52.12	68.2	-16.08	PK
Horizontal	11160.001	49.18	-8.53	40.65	54	-13.35	AV
Horizontal	16740.026	60.75	-5.31	55.44	74	-18.56	PK
Horizontal	16740.026	49.39	-5.31	44.08	54	-9.92	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.144	73.56	-20.12	53.44	74	-20.56	PK
Vertical	4739.144	59.35	-20.12	39.22	54	-14.78	AV
Vertical	11400.129	63.63	-8.72	54.91	68.2	-13.29	PK
Vertical	11400.129	49.70	-8.72	40.98	54	-13.02	AV
Vertical	17100.067	62.99	-3.92	59.07	74	-14.93	PK
Vertical	17100.067	49.23	-3.92	45.31	54	-8.69	AV
Horizontal	4739.062	71.74	-20.12	51.61	74	-22.39	PK
Horizontal	4739.062	59.53	-20.12	39.41	54	-14.59	AV
Horizontal	11400.131	61.57	-8.72	52.85	68.2	-15.35	PK
Horizontal	11400.131	49.32	-8.72	40.60	54	-13.40	AV
Horizontal	17100.109	61.44	-3.92	57.52	74	-16.48	PK
Horizontal	17100.109	49.84	-3.92	45.92	54	-8.08	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) - 802.11n-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	4434.074	73.31	-20.73	52.58	68.2	-15.62	PK
Vertical	4434.074	59.19	-20.73	38.46	54	-15.54	AV
Vertical	11000.136	62.53	-8.40	54.13	68.2	-14.07	PK
Vertical	11000.136	49.38	-8.40	40.98	54	-13.02	AV
Vertical	16500.164	63.00	-6.09	56.91	74	-17.09	PK
Vertical	16500.164	49.15	-6.09	43.06	54	-10.94	AV
Horizontal	4434.051	71.19	-20.73	50.46	68.2	-17.74	PK
Horizontal	4434.051	59.68	-20.73	38.95	54	-15.05	AV
Horizontal	11000.069	60.64	-8.40	52.24	68.2	-15.96	PK
Horizontal	11000.069	49.98	-8.40	41.58	54	-12.42	AV
Horizontal	16500.102	60.89	-6.09	54.80	74	-19.20	PK
Horizontal	16500.102	49.84	-6.09	43.75	54	-10.25	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.129	70.27	-20.42	49.86	74	-24.14	PK
Vertical	4592.129	59.84	-20.42	39.42	54	-14.58	AV
Vertical	11160.006	63.22	-8.53	54.69	68.2	-13.51	PK
Vertical	11160.006	49.36	-8.53	40.83	54	-13.17	AV
Vertical	16740.033	60.58	-5.31	55.27	74	-18.73	PK
Vertical	16740.033	49.73	-5.31	44.42	54	-9.58	AV
Horizontal	4592.178	70.82	-20.42	50.40	74	-23.60	PK
Horizontal	4592.178	59.60	-20.42	39.19	54	-14.81	AV
Horizontal	11160.117	62.96	-8.53	54.43	68.2	-13.77	PK
Horizontal	11160.117	49.50	-8.53	40.97	54	-13.03	AV
Horizontal	16740.085	60.20	-5.31	54.89	74	-19.11	PK
Horizontal	16740.085	49.25	-5.31	43.94	54	-10.06	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.046	72.01	-20.12	51.89	74	-22.11	PK
Vertical	4739.046	59.39	-20.12	39.27	54	-14.73	AV
Vertical	11400.043	63.11	-8.72	54.39	68.2	-13.81	PK
Vertical	11400.043	49.76	-8.72	41.04	54	-12.96	AV
Vertical	17100.015	60.33	-3.92	56.41	74	-17.59	PK
Vertical	17100.015	49.36	-3.92	45.44	54	-8.56	AV
Horizontal	4739.076	72.23	-20.12	52.11	74	-21.89	PK
Horizontal	4739.076	59.52	-20.12	39.40	54	-14.60	AV
Horizontal	11400.022	64.41	-8.72	55.69	68.2	-12.51	PK
Horizontal	11400.022	49.81	-8.72	41.09	54	-12.91	AV
Horizontal	17100.139	63.78	-3.92	59.86	74	-14.14	PK
Horizontal	17100.139	49.83	-3.92	45.91	54	-8.09	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(5.6G) - 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	4434.013	61.10	-20.73	40.37	68.2	-27.83	PK
Vertical	4434.013	43.73	-20.73	23.00	54	-31.00	AV
Vertical	11020.107	61.74	-8.42	53.32	68.2	-14.88	PK
Vertical	11020.107	43.99	-8.42	35.57	54	-18.43	AV
Vertical	16530.067	62.72	-5.99	56.73	74	-17.27	PK
Vertical	16530.067	43.64	-5.99	37.65	54	-16.35	AV
Horizontal	4434.090	61.07	-20.73	40.34	74	-33.66	PK
Horizontal	4434.090	43.88	-20.73	23.15	54	-30.85	AV
Horizontal	11020.094	51.71	-8.42	43.29	68.2	-24.91	PK
Horizontal	11020.094	44.97	-8.42	36.55	54	-17.45	AV
Horizontal	16530.054	53.14	-5.99	47.15	74	-26.85	PK
Horizontal	16530.054	40.54	-5.99	34.55	54	-19.45	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.099	60.74	-20.42	40.32	74	-33.68	PK
Vertical	4592.099	43.27	-20.42	22.85	54	-31.15	AV
Vertical	11100.055	64.30	-8.40	55.90	68.2	-12.30	PK
Vertical	11100.055	43.52	-8.40	35.12	54	-18.88	AV
Vertical	16650.024	61.81	-5.60	56.21	74	-17.79	PK
Vertical	16650.024	43.93	-5.60	38.33	54	-15.67	AV
Horizontal	4592.015	64.08	-20.42	43.66	74	-30.34	PK
Horizontal	4592.015	43.08	-20.42	22.67	54	-31.33	AV
Horizontal	11100.144	51.23	-8.40	42.83	68.2	-25.37	PK
Horizontal	11100.144	43.09	-8.40	34.69	54	-19.31	AV
Horizontal	16650.040	52.64	-5.60	47.04	74	-26.96	PK
Horizontal	16650.040	44.84	-5.60	39.24	54	-14.76	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.053	62.23	-20.12	42.11	68.2	-26.09	PK
Vertical	4739.053	43.39	-20.12	23.27	54	-30.73	AV
Vertical	11340.158	64.46	-8.67	55.79	68.2	-12.41	PK
Vertical	11340.158	43.57	-8.67	34.90	54	-19.10	AV
Vertical	17010.015	64.58	-4.41	60.17	74	-13.83	PK
Vertical	17010.015	43.08	-4.41	38.67	54	-15.33	AV
Horizontal	4739.059	60.02	-20.12	39.89	68.2	-28.31	PK
Horizontal	4739.059	43.97	-20.12	23.85	54	-30.15	AV
Horizontal	11340.171	53.12	-8.67	44.45	68.2	-23.75	PK
Horizontal	11340.171	40.89	-8.67	32.22	54	-21.78	AV
Horizontal	17010.138	51.52	-4.41	47.11	74	-26.89	PK
Horizontal	17010.138	44.26	-4.41	39.85	54	-14.15	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(5.6G) - 802.11ac-HT20
------------	--------------------------

Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.041	71.70	-20.73	50.97	68.2	-17.23	PK
Vertical	4434.041	59.40	-20.73	38.67	54	-15.33	AV
Vertical	11000.087	63.77	-8.40	55.37	68.2	-12.83	PK
Vertical	11000.087	49.11	-8.40	40.71	54	-13.29	AV
Vertical	16500.160	63.84	-6.09	57.75	74	-16.25	PK
Vertical	16500.160	49.86	-6.09	43.77	54	-10.23	AV
Horizontal	4434.002	71.17	-20.73	50.43	68.2	-17.77	PK
Horizontal	4434.002	59.77	-20.73	39.04	54	-14.96	AV
Horizontal	11000.135	62.93	-8.40	54.53	68.2	-13.67	PK
Horizontal	11000.135	49.47	-8.40	41.07	54	-12.93	AV
Horizontal	16500.176	62.16	-6.09	56.07	74	-17.93	PK
Horizontal	16500.176	49.64	-6.09	43.55	54	-10.45	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.146	70.07	-20.42	49.66	74	-24.34	PK
Vertical	4592.146	59.69	-20.42	39.27	54	-14.73	AV
Vertical	11160.179	61.51	-8.53	52.98	68.2	-15.22	PK
Vertical	11160.179	49.02	-8.53	40.49	54	-13.51	AV
Vertical	16740.038	61.49	-5.31	56.18	74	-17.82	PK
Vertical	16740.038	49.35	-5.31	44.04	54	-9.96	AV
Horizontal	4592.094	73.10	-20.42	52.68	74	-21.32	PK
Horizontal	4592.094	59.44	-20.42	39.03	54	-14.97	AV
Horizontal	11160.055	63.45	-8.53	54.92	68.2	-13.28	PK
Horizontal	11160.055	49.03	-8.53	40.50	54	-13.50	AV
Horizontal	16740.199	64.71	-5.31	59.40	74	-14.60	PK
Horizontal	16740.199	49.42	-5.31	44.11	54	-9.89	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.187	71.25	-20.12	51.13	74	-22.87	PK
Vertical	4739.187	59.12	-20.12	39.00	54	-15.00	AV
Vertical	11400.085	60.79	-8.72	52.07	68.2	-16.13	PK
Vertical	11400.085	49.88	-8.72	41.16	54	-12.84	AV
Vertical	17100.150	61.86	-3.92	57.94	74	-16.06	PK
Vertical	17100.150	49.27	-3.92	45.35	54	-8.65	AV
Horizontal	4739.028	71.38	-20.12	51.26	74	-22.74	PK
Horizontal	4739.028	59.66	-20.12	39.54	54	-14.46	AV
Horizontal	11400.057	60.97	-8.72	52.25	68.2	-15.95	PK
Horizontal	11400.057	49.32	-8.72	40.60	54	-13.40	AV
Horizontal	17100.139	63.19	-3.92	59.27	74	-14.73	PK
Horizontal	17100.139	49.34	-3.92	45.42	54	-8.58	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(5.6G) - 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	4434.082	64.47	-20.73	43.73	68.2	-24.47	PK
Vertical	4434.082	43.94	-20.73	23.21	54	-30.79	AV
Vertical	11020.038	63.12	-8.42	54.70	68.2	-13.50	PK
Vertical	11020.038	43.47	-8.42	35.05	54	-18.95	AV
Vertical	16530.036	62.36	-5.99	56.37	74	-17.63	PK
Vertical	16530.036	43.07	-5.99	37.08	54	-16.92	AV
Horizontal	4434.141	63.25	-20.73	42.52	74	-31.48	PK
Horizontal	4434.141	43.19	-20.73	22.45	54	-31.55	AV
Horizontal	11020.031	54.17	-8.42	45.75	68.2	-22.45	PK
Horizontal	11020.031	41.82	-8.42	33.40	54	-20.60	AV
Horizontal	16530.034	52.22	-5.99	46.23	74	-27.77	PK
Horizontal	16530.034	42.70	-5.99	36.71	54	-17.29	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.095	62.26	-20.42	41.85	74	-32.15	PK
Vertical	4592.095	43.11	-20.42	22.70	54	-31.30	AV
Vertical	11100.062	60.03	-8.40	51.63	68.2	-16.57	PK
Vertical	11100.062	43.92	-8.40	35.52	54	-18.48	AV
Vertical	16650.142	61.03	-5.60	55.43	74	-18.57	PK
Vertical	16650.142	43.45	-5.60	37.85	54	-16.15	AV
Horizontal	4592.084	62.35	-20.42	41.93	74	-32.07	PK
Horizontal	4592.084	43.88	-20.42	23.46	54	-30.54	AV
Horizontal	11100.010	52.88	-8.40	44.48	68.2	-23.72	PK
Horizontal	11100.010	42.71	-8.40	34.31	54	-19.69	AV
Horizontal	16650.023	51.98	-5.60	46.38	74	-27.62	PK
Horizontal	16650.023	40.74	-5.60	35.14	54	-18.86	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.132	61.10	-20.12	40.98	68.2	-27.22	PK
Vertical	4739.132	43.48	-20.12	23.36	54	-30.64	AV
Vertical	11340.189	62.13	-8.67	53.46	68.2	-14.74	PK
Vertical	11340.189	43.76	-8.67	35.09	54	-18.91	AV
Vertical	17010.149	64.08	-4.41	59.67	74	-14.33	PK
Vertical	17010.149	43.08	-4.41	38.67	54	-15.33	AV
Horizontal	4739.200	60.24	-20.12	40.12	68.2	-28.08	PK
Horizontal	4739.200	43.92	-20.12	23.80	54	-30.20	AV
Horizontal	11340.199	52.82	-8.67	44.15	68.2	-24.05	PK
Horizontal	11340.199	42.95	-8.67	34.28	54	-19.72	AV
Horizontal	17010.107	51.54	-4.41	47.13	74	-26.87	PK
Horizontal	17010.107	41.45	-4.41	37.04	54	-16.96	AV

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

Test Mode:	TX(5.6G) - 802.11ax-HT20
------------	--------------------------

Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.110	74.93	-20.73	54.20	68.2	-14.00	PK
Vertical	4434.110	59.57	-20.73	38.84	54	-15.16	AV
Vertical	11000.058	61.86	-8.40	53.46	68.2	-14.74	PK
Vertical	11000.058	49.32	-8.40	40.92	54	-13.08	AV
Vertical	16500.025	61.79	-6.09	55.70	74	-18.30	PK
Vertical	16500.025	49.02	-6.09	42.93	54	-11.07	AV
Horizontal	4434.177	72.62	-20.73	51.88	68.2	-16.32	PK
Horizontal	4434.177	59.63	-20.73	38.90	54	-15.10	AV
Horizontal	11000.155	60.17	-8.40	51.77	68.2	-16.43	PK
Horizontal	11000.155	49.84	-8.40	41.44	54	-12.56	AV
Horizontal	16500.184	63.06	-6.09	56.97	74	-17.03	PK
Horizontal	16500.184	49.65	-6.09	43.56	54	-10.44	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.049	73.90	-20.42	53.48	74	-20.52	PK
Vertical	4592.049	59.55	-20.42	39.14	54	-14.86	AV
Vertical	11160.114	64.40	-8.53	55.87	68.2	-12.33	PK
Vertical	11160.114	49.58	-8.53	41.05	54	-12.95	AV
Vertical	16740.134	60.58	-5.31	55.27	74	-18.73	PK
Vertical	16740.134	49.13	-5.31	43.82	54	-10.18	AV
Horizontal	4592.189	73.58	-20.42	53.17	74	-20.83	PK
Horizontal	4592.189	59.14	-20.42	38.73	54	-15.27	AV
Horizontal	11160.064	64.52	-8.53	55.99	68.2	-12.21	PK
Horizontal	11160.064	49.35	-8.53	40.82	54	-13.18	AV
Horizontal	16740.095	61.68	-5.31	56.37	74	-17.63	PK
Horizontal	16740.095	49.57	-5.31	44.26	54	-9.74	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.172	70.73	-20.12	50.61	74	-23.39	PK
Vertical	4739.172	59.89	-20.12	39.77	54	-14.23	AV
Vertical	11400.032	61.85	-8.72	53.13	68.2	-15.07	PK
Vertical	11400.032	49.38	-8.72	40.66	54	-13.34	AV
Vertical	17100.086	62.71	-3.92	58.79	74	-15.21	PK
Vertical	17100.086	49.67	-3.92	45.75	54	-8.25	AV
Horizontal	4739.063	71.16	-20.12	51.03	74	-22.97	PK
Horizontal	4739.063	59.49	-20.12	39.36	54	-14.64	AV
Horizontal	11400.122	61.88	-8.72	53.16	68.2	-15.04	PK
Horizontal	11400.122	49.45	-8.72	40.73	54	-13.27	AV
Horizontal	17100.031	60.36	-3.92	56.44	74	-17.56	PK
Horizontal	17100.031	49.29	-3.92	45.37	54	-8.63	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	4434.123	60.13	-20.73	39.40	68.2	-28.80	PK
Vertical	4434.123	43.34	-20.73	22.61	54	-31.39	AV
Vertical	11020.072	63.91	-8.42	55.49	68.2	-12.71	PK
Vertical	11020.072	43.95	-8.42	35.53	54	-18.47	AV
Vertical	16530.107	63.33	-5.99	57.34	74	-16.66	PK
Vertical	16530.107	43.98	-5.99	37.99	54	-16.01	AV
Horizontal	4434.079	60.90	-20.73	40.17	74	-33.83	PK
Horizontal	4434.079	43.69	-20.73	22.96	54	-31.04	AV
Horizontal	11020.199	52.67	-8.42	44.25	68.2	-23.95	PK
Horizontal	11020.199	42.88	-8.42	34.46	54	-19.54	AV
Horizontal	16530.155	54.18	-5.99	48.19	74	-25.81	PK
Horizontal	16530.155	43.04	-5.99	37.05	54	-16.95	AV
middle Channel (5550 MHz)-Above 1G							
Vertical	4592.060	64.58	-20.42	44.16	74	-29.84	PK
Vertical	4592.060	43.82	-20.42	23.40	54	-30.60	AV
Vertical	11100.008	60.33	-8.40	51.93	68.2	-16.27	PK
Vertical	11100.008	43.40	-8.40	35.00	54	-19.00	AV
Vertical	16650.119	62.21	-5.60	56.61	74	-17.39	PK
Vertical	16650.119	43.63	-5.60	38.03	54	-15.97	AV
Horizontal	4592.170	63.95	-20.42	43.53	74	-30.47	PK
Horizontal	4592.170	43.10	-20.42	22.68	54	-31.32	AV
Horizontal	11100.150	54.31	-8.40	45.91	68.2	-22.29	PK
Horizontal	11100.150	43.48	-8.40	35.08	54	-18.92	AV
Horizontal	16650.082	51.85	-5.60	46.25	74	-27.75	PK
Horizontal	16650.082	44.32	-5.60	38.72	54	-15.28	AV
High Channel (5670 MHz)-Above 1G							
Vertical	4739.087	64.59	-20.12	44.46	68.2	-23.74	PK
Vertical	4739.087	43.53	-20.12	23.41	54	-30.59	AV
Vertical	11340.105	64.86	-8.67	56.19	68.2	-12.01	PK
Vertical	11340.105	43.22	-8.67	34.55	54	-19.45	AV
Vertical	17010.181	62.69	-4.41	58.28	74	-15.72	PK
Vertical	17010.181	43.23	-4.41	38.82	54	-15.18	AV
Horizontal	4739.083	62.82	-20.12	42.70	68.2	-25.50	PK
Horizontal	4739.083	43.20	-20.12	23.08	54	-30.92	AV
Horizontal	11340.084	53.73	-8.67	45.06	68.2	-23.14	PK
Horizontal	11340.084	41.72	-8.67	33.05	54	-20.95	AV
Horizontal	17010.103	50.75	-4.41	46.34	74	-27.66	PK
Horizontal	17010.103	44.15	-4.41	39.74	54	-14.26	AV

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

Test Mode:	TX (5.8G) -- 802.11a
------------	----------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.011	70.77	-20.24	50.53	74	-23.47	PK
Vertical	4679.011	59.18	-20.24	38.94	54	-15.06	AV
Vertical	11490.183	61.44	-8.79	52.65	68.2	-15.55	PK
Vertical	11490.183	49.03	-8.79	40.24	54	-13.76	AV
Vertical	17235.085	57.31	-3.18	54.13	68.2	-14.07	PK
Vertical	17235.085	44.72	-3.18	41.54	54	-12.46	AV
Horizontal	4679.043	73.92	-20.73	53.19	74	-20.81	PK
Horizontal	4679.043	59.17	-20.73	38.44	54	-15.56	AV
Horizontal	11490.047	63.97	-8.79	55.18	68.2	-13.02	PK
Horizontal	11490.047	49.39	-8.79	40.60	54	-13.40	AV
Horizontal	17235.101	57.70	-3.18	54.52	68.2	-13.68	PK
Horizontal	17235.101	44.32	-3.18	41.14	54	-12.86	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.100	74.70	-20.42	54.28	74	-19.72	PK
Vertical	4592.100	59.04	-20.42	38.62	54	-15.38	AV
Vertical	11570.198	64.88	-8.86	56.02	68.2	-12.18	PK
Vertical	11570.198	49.30	-8.86	40.44	54	-13.56	AV
Vertical	17355.042	56.12	-2.52	53.60	68.2	-14.60	PK
Vertical	17355.042	44.18	-2.52	41.66	54	-12.34	AV
Horizontal	4592.188	74.32	-20.42	53.90	74	-20.10	PK
Horizontal	4592.188	59.78	-20.42	39.36	54	-14.64	AV
Horizontal	11570.136	64.45	-8.86	55.59	68.2	-12.61	PK
Horizontal	11570.136	49.57	-8.86	40.71	54	-13.29	AV
Horizontal	17355.090	56.31	-2.52	53.79	68.2	-14.41	PK
Horizontal	17355.090	44.03	-2.52	41.51	54	-12.49	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.028	71.97	-18.93	53.04	68.2	-15.16	PK
Vertical	6039.028	59.79	-18.93	40.86	54	-13.14	AV
Vertical	11650.137	62.77	-8.92	53.85	74	-20.15	PK
Vertical	11650.137	49.09	-8.92	40.17	54	-13.83	AV
Vertical	17475.180	58.78	-1.86	56.92	68.2	-11.28	PK
Vertical	17475.180	44.38	-1.86	42.52	54	-11.48	AV
Horizontal	6039.044	72.53	-18.93	53.60	68.2	-14.60	PK
Horizontal	6039.044	59.04	-18.93	40.11	54	-13.89	AV
Horizontal	11650.113	63.37	-8.92	54.45	74	-19.55	PK
Horizontal	11650.113	49.08	-8.92	40.16	54	-13.84	AV
Horizontal	17475.092	59.73	-1.86	57.87	68.2	-10.33	PK
Horizontal	17475.092	44.64	-1.86	42.78	54	-11.22	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.021	71.90	-20.24	51.66	74	-22.34	PK
Vertical	4679.021	59.63	-20.24	39.39	54	-14.61	AV
Vertical	11490.073	63.08	-8.79	54.29	68.2	-13.91	PK
Vertical	11490.073	49.45	-8.79	40.66	54	-13.34	AV
Vertical	17235.113	58.71	-3.18	55.53	68.2	-12.67	PK
Vertical	17235.113	44.71	-3.18	41.53	54	-12.47	AV
Horizontal	4679.004	72.69	-20.24	52.45	74	-21.55	PK
Horizontal	4679.004	59.30	-20.24	39.06	54	-14.94	AV
Horizontal	11490.133	60.14	-8.79	51.35	68.2	-16.85	PK
Horizontal	11490.133	49.85	-8.79	41.06	54	-12.94	AV
Horizontal	17235.099	57.95	-3.18	54.77	68.2	-13.43	PK
Horizontal	17235.099	44.53	-3.18	41.35	54	-12.65	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.120	70.42	-20.42	50.00	74	-24.00	PK
Vertical	4592.120	59.79	-20.42	39.37	54	-14.63	AV
Vertical	11570.054	62.78	-8.86	53.92	68.2	-14.28	PK
Vertical	11570.054	49.46	-8.86	40.60	54	-13.40	AV
Vertical	17355.067	56.93	-2.52	54.41	68.2	-13.79	PK
Vertical	17355.067	44.39	-2.52	41.87	54	-12.13	AV
Horizontal	4592.145	73.30	-20.42	52.89	74	-21.11	PK
Horizontal	4592.145	59.87	-20.42	39.45	54	-14.55	AV
Horizontal	11570.120	61.86	-8.86	53.00	68.2	-15.20	PK
Horizontal	11570.120	49.57	-8.86	40.71	54	-13.29	AV
Horizontal	17355.099	58.46	-2.52	55.94	68.2	-12.26	PK
Horizontal	17355.099	44.31	-2.52	41.79	54	-12.21	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.051	71.81	-18.93	52.87	68.2	-15.33	PK
Vertical	6039.051	59.01	-18.93	40.07	54	-13.93	AV
Vertical	11650.061	62.79	-8.92	53.87	74	-20.13	PK
Vertical	11650.061	49.65	-8.92	40.73	54	-13.27	AV
Vertical	17475.116	56.90	-1.86	55.04	68.2	-13.16	PK
Vertical	17475.116	44.15	-1.86	42.29	54	-11.71	AV
Horizontal	6039.024	71.52	-18.93	52.59	68.2	-15.61	PK
Horizontal	6039.024	59.31	-18.93	40.38	54	-13.62	AV
Horizontal	11650.171	60.61	-8.92	51.69	74	-22.31	PK
Horizontal	11650.171	49.60	-8.92	40.68	54	-13.32	AV
Horizontal	17475.011	56.01	-1.86	54.15	68.2	-14.05	PK
Horizontal	17475.011	44.04	-1.86	42.18	54	-11.82	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	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.053	71.30	-20.24	51.06	74	-22.94	PK
Vertical	4679.053	59.14	-20.24	38.90	54	-15.10	AV
Vertical	11510.083	61.72	-8.81	52.91	74	-21.09	PK
Vertical	11510.083	49.34	-8.81	40.53	54	-13.47	AV
Vertical	17265.078	55.04	-3.01	52.03	68.2	-16.17	PK
Vertical	17265.078	44.66	-3.01	41.65	54	-12.35	AV
Horizontal	4679.057	70.62	-20.24	50.38	74	-23.62	PK
Horizontal	4679.057	59.06	-20.24	38.82	54	-15.18	AV
Horizontal	11510.091	64.38	-8.81	55.57	74	-18.43	PK
Horizontal	11510.091	49.21	-8.81	40.40	54	-13.60	AV
Horizontal	17265.110	55.57	-3.01	52.56	68.2	-15.64	PK
Horizontal	17265.110	44.07	-3.01	41.06	54	-12.94	AV
Middle Channel (5795 MHz)-Above 1G							
Vertical	6039.108	72.28	-18.93	53.35	68.2	-14.85	PK
Vertical	6039.108	59.83	-18.93	40.90	54	-13.10	AV
Vertical	11590.106	64.60	-8.87	55.73	74	-18.27	PK
Vertical	11590.106	49.43	-8.87	40.56	54	-13.44	AV
Vertical	17385.182	55.11	-2.35	52.76	68.2	-15.44	PK
Vertical	17385.182	44.95	-2.35	42.60	54	-11.40	AV
Horizontal	6039.119	73.94	-18.93	55.01	68.2	-13.19	PK
Horizontal	6039.119	59.05	-18.93	40.12	54	-13.88	AV
Horizontal	11590.144	61.86	-8.87	52.99	74	-21.01	PK
Horizontal	11590.144	49.74	-8.87	40.87	54	-13.13	AV
Horizontal	17385.032	55.10	-2.35	52.75	68.2	-15.45	PK
Horizontal	17385.032	44.63	-2.35	42.28	54	-11.72	AV

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

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

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

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

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

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.087	70.23	-20.24	49.98	74	-24.02	PK
Vertical	4679.087	59.10	-20.24	38.86	54	-15.14	AV
Vertical	11490.003	61.45	-8.79	52.66	68.2	-15.54	PK
Vertical	11490.003	49.14	-8.79	40.35	54	-13.65	AV
Vertical	17235.017	59.84	-3.18	56.66	68.2	-11.54	PK
Vertical	17235.017	44.44	-3.18	41.26	54	-12.74	AV
Horizontal	4679.067	71.88	-20.24	51.63	74	-22.37	PK
Horizontal	4679.067	59.15	-20.24	38.91	54	-15.09	AV
Horizontal	11490.117	60.33	-8.79	51.54	68.2	-16.66	PK
Horizontal	11490.117	49.27	-8.79	40.48	54	-13.52	AV
Horizontal	17235.090	58.96	-3.18	55.78	68.2	-12.42	PK
Horizontal	17235.090	44.68	-3.18	41.50	54	-12.50	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.051	72.41	-20.42	51.99	74	-22.01	PK
Vertical	4592.051	59.97	-20.42	39.56	54	-14.44	AV
Vertical	11570.082	64.42	-8.86	55.56	68.2	-12.64	PK
Vertical	11570.082	49.66	-8.86	40.80	54	-13.20	AV
Vertical	17355.024	59.19	-2.52	56.67	68.2	-11.53	PK
Vertical	17355.024	44.51	-2.52	41.99	54	-12.01	AV
Horizontal	4592.101	70.31	-20.42	49.89	74	-24.11	PK
Horizontal	4592.101	59.47	-20.42	39.06	54	-14.94	AV
Horizontal	11570.154	61.12	-8.86	52.26	68.2	-15.94	PK
Horizontal	11570.154	49.80	-8.86	40.94	54	-13.06	AV
Horizontal	17355.153	58.03	-2.52	55.51	68.2	-12.69	PK
Horizontal	17355.153	44.52	-2.52	42.00	54	-12.00	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.160	71.14	-18.93	52.21	68.2	-15.99	PK
Vertical	6039.160	59.29	-18.93	40.36	54	-13.64	AV
Vertical	11650.030	63.92	-8.92	55.00	74	-19.00	PK
Vertical	11650.030	49.70	-8.92	40.78	54	-13.22	AV
Vertical	17475.165	55.83	-1.86	53.97	68.2	-14.23	PK
Vertical	17475.165	44.17	-1.86	42.31	54	-11.69	AV
Horizontal	6039.040	70.71	-18.93	51.78	68.2	-16.42	PK
Horizontal	6039.040	59.98	-18.93	41.05	54	-12.95	AV
Horizontal	11650.007	61.36	-8.92	52.44	74	-21.56	PK
Horizontal	11650.007	49.74	-8.92	40.82	54	-13.18	AV
Horizontal	17475.090	58.23	-1.86	56.37	68.2	-11.83	PK
Horizontal	17475.090	44.12	-1.86	42.26	54	-11.74	AV

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

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

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

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

Test Mode :	TX (5.8G) -- 802.11ac-HT40
-------------	----------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.128	70.71	-20.24	50.47	74	-23.53	PK
Vertical	4679.128	59.04	-20.24	38.79	54	-15.21	AV
Vertical	11510.086	60.36	-8.81	51.55	74	-22.45	PK
Vertical	11510.086	49.68	-8.81	40.87	54	-13.13	AV
Vertical	17265.109	55.51	-3.01	52.50	68.2	-15.70	PK
Vertical	17265.109	44.71	-3.01	41.70	54	-12.30	AV
Horizontal	4679.196	72.56	-20.24	52.32	74	-21.68	PK
Horizontal	4679.196	59.03	-20.24	38.79	54	-15.21	AV
Horizontal	11510.052	60.91	-8.81	52.10	74	-21.90	PK
Horizontal	11510.052	49.85	-8.81	41.04	54	-12.96	AV
Horizontal	17265.147	57.74	-3.01	54.73	68.2	-13.47	PK
Horizontal	17265.147	44.91	-3.01	41.90	54	-12.10	AV
Middle Channel (5795 MHz)-Above 1G							
Vertical	6039.158	70.56	-18.93	51.62	68.2	-16.58	PK
Vertical	6039.158	59.00	-18.93	40.07	54	-13.93	AV
Vertical	11590.189	60.35	-8.87	51.48	74	-22.52	PK
Vertical	11590.189	49.03	-8.87	40.16	54	-13.84	AV
Vertical	17385.124	59.11	-2.35	56.76	68.2	-11.44	PK
Vertical	17385.124	44.22	-2.35	41.87	54	-12.13	AV
Horizontal	6039.097	74.21	-18.93	55.28	68.2	-12.92	PK
Horizontal	6039.097	59.97	-18.93	41.04	54	-12.96	AV
Horizontal	11590.029	60.55	-8.87	51.68	74	-22.32	PK
Horizontal	11590.029	49.39	-8.87	40.52	54	-13.48	AV
Horizontal	17385.160	57.07	-2.35	54.72	68.2	-13.48	PK
Horizontal	17385.160	44.97	-2.35	42.62	54	-11.38	AV

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

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

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

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

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

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.043	71.40	-20.24	51.15	74	-22.85	PK
Vertical	4679.043	59.34	-20.24	39.10	54	-14.90	AV
Vertical	11490.054	63.34	-8.79	54.55	68.2	-13.65	PK
Vertical	11490.054	49.44	-8.79	40.65	54	-13.35	AV
Vertical	17235.095	59.80	-3.18	56.62	68.2	-11.58	PK
Vertical	17235.095	44.30	-3.18	41.12	54	-12.88	AV
Horizontal	4679.195	73.70	-20.24	53.46	74	-20.54	PK
Horizontal	4679.195	59.58	-20.24	39.34	54	-14.66	AV
Horizontal	11490.184	61.10	-8.79	52.31	68.2	-15.89	PK
Horizontal	11490.184	49.72	-8.79	40.93	54	-13.07	AV
Horizontal	17235.191	57.86	-3.18	54.68	68.2	-13.52	PK
Horizontal	17235.191	44.76	-3.18	41.58	54	-12.42	AV
Middle Channel (5785 MHz)-Above 1G							
Vertical	4592.052	74.60	-20.42	54.19	74	-19.81	PK
Vertical	4592.052	59.82	-20.42	39.40	54	-14.60	AV
Vertical	11570.183	60.33	-8.86	51.47	68.2	-16.73	PK
Vertical	11570.183	49.12	-8.86	40.26	54	-13.74	AV
Vertical	17355.087	58.50	-2.52	55.98	68.2	-12.22	PK
Vertical	17355.087	44.17	-2.52	41.65	54	-12.35	AV
Horizontal	4592.138	71.10	-20.42	50.69	74	-23.31	PK
Horizontal	4592.138	59.62	-20.42	39.20	54	-14.80	AV
Horizontal	11570.159	64.02	-8.86	55.16	68.2	-13.04	PK
Horizontal	11570.159	49.28	-8.86	40.42	54	-13.58	AV
Horizontal	17355.161	57.84	-2.52	55.32	68.2	-12.88	PK
Horizontal	17355.161	44.32	-2.52	41.80	54	-12.20	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.121	71.72	-18.93	52.79	68.2	-15.41	PK
Vertical	6039.121	59.45	-18.93	40.52	54	-13.48	AV
Vertical	11650.129	63.95	-8.92	55.03	74	-18.97	PK
Vertical	11650.129	49.46	-8.92	40.54	54	-13.46	AV
Vertical	17475.116	55.54	-1.86	53.68	68.2	-14.52	PK
Vertical	17475.116	44.13	-1.86	42.27	54	-11.73	AV
Horizontal	6039.092	73.04	-18.93	54.11	68.2	-14.09	PK
Horizontal	6039.092	59.69	-18.93	40.76	54	-13.24	AV
Horizontal	11650.068	60.13	-8.92	51.21	74	-22.79	PK
Horizontal	11650.068	49.96	-8.92	41.04	54	-12.96	AV
Horizontal	17475.076	59.86	-1.86	58.00	68.2	-10.20	PK
Horizontal	17475.076	44.06	-1.86	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 (5.8G) -- 802.11ax-HT40
-------------	----------------------------

Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5755 MHz)-Above 1G							
Vertical	4679.046	74.53	-20.24	54.28	74	-19.72	PK
Vertical	4679.046	59.75	-20.24	39.51	54	-14.49	AV
Vertical	11510.171	63.65	-8.81	54.84	74	-19.16	PK
Vertical	11510.171	49.26	-8.81	40.45	54	-13.55	AV
Vertical	17265.059	56.44	-3.01	53.43	68.2	-14.77	PK
Vertical	17265.059	44.43	-3.01	41.42	54	-12.58	AV
Horizontal	4679.015	73.36	-20.24	53.12	74	-20.88	PK
Horizontal	4679.015	59.41	-20.24	39.17	54	-14.83	AV
Horizontal	11510.121	63.53	-8.81	54.72	74	-19.28	PK
Horizontal	11510.121	49.28	-8.81	40.47	54	-13.53	AV
Horizontal	17265.012	57.48	-3.01	54.47	68.2	-13.73	PK
Horizontal	17265.012	44.25	-3.01	41.24	54	-12.76	AV
Middle Channel (5795 MHz)-Above 1G							
Vertical	6039.045	70.61	-18.93	51.68	68.2	-16.52	PK
Vertical	6039.045	59.69	-18.93	40.76	54	-13.24	AV
Vertical	11590.180	63.84	-8.87	54.97	74	-19.03	PK
Vertical	11590.180	49.76	-8.87	40.89	54	-13.11	AV
Vertical	17385.090	55.26	-2.35	52.91	68.2	-15.29	PK
Vertical	17385.090	44.45	-2.35	42.10	54	-11.90	AV
Horizontal	6039.142	71.73	-18.93	52.80	68.2	-15.40	PK
Horizontal	6039.142	59.34	-18.93	40.40	54	-13.60	AV
Horizontal	11590.023	62.51	-8.87	53.64	74	-20.36	PK
Horizontal	11590.023	49.28	-8.87	40.41	54	-13.59	AV
Horizontal	17385.108	57.55	-2.35	55.20	68.2	-13.00	PK
Horizontal	17385.108	44.47	-2.35	42.12	54	-11.88	AV

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

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

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

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

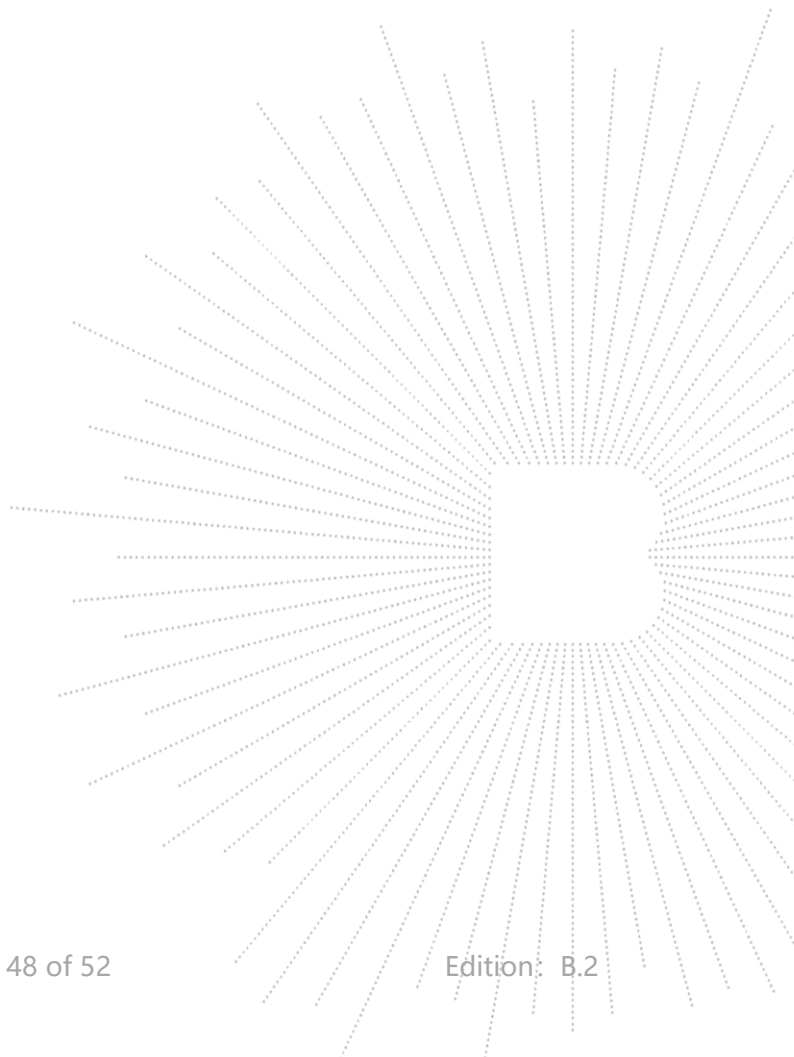
8. Antenna Requirement

8.1 Limit

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

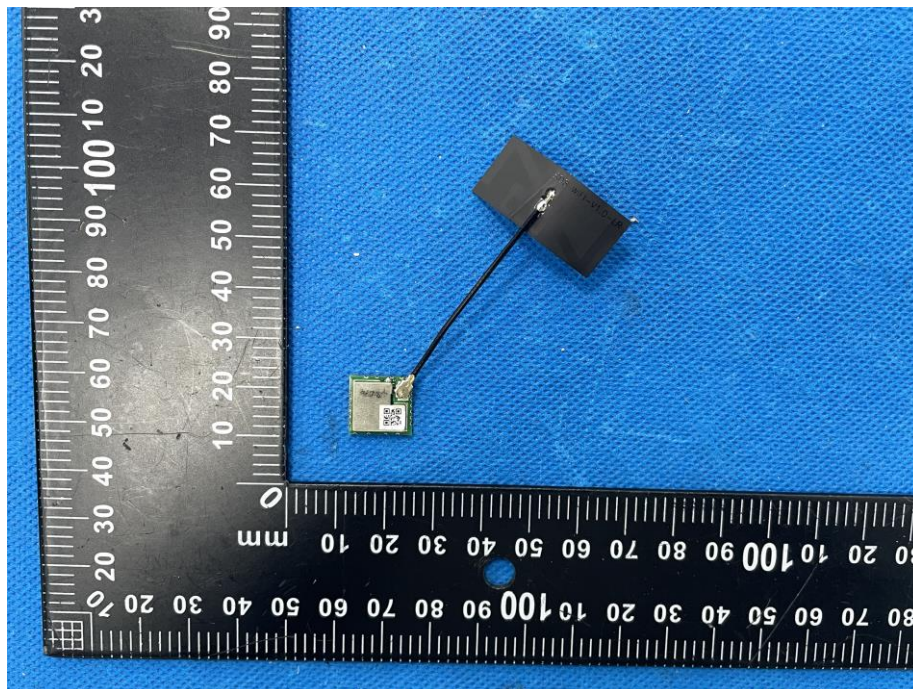
8.2 Test Result

The EUT antenna is FPC antenna (antenna gain: 4.2 dBi). It comply with the standard requirement.

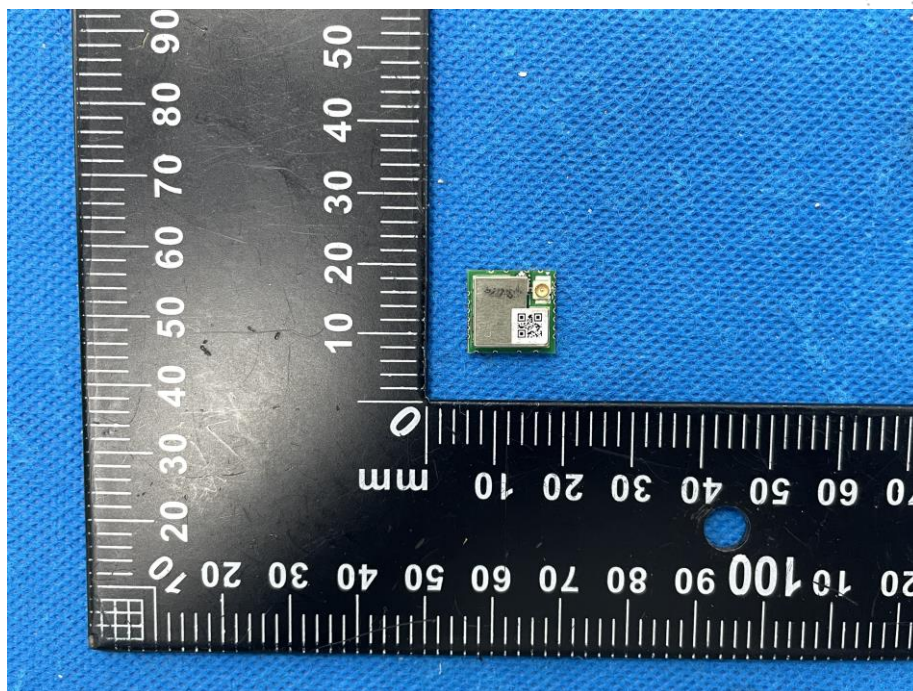


9. EUT Photographs

EUT Photo 1



EUT Photo 2



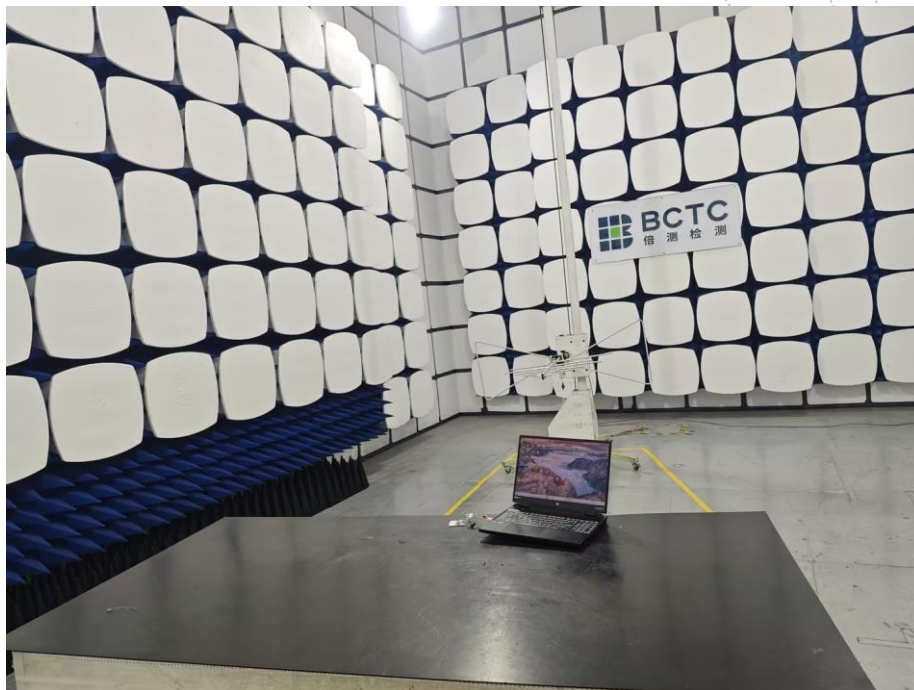
NOTE: Appendix-Photographs Of EUT Constructional Details

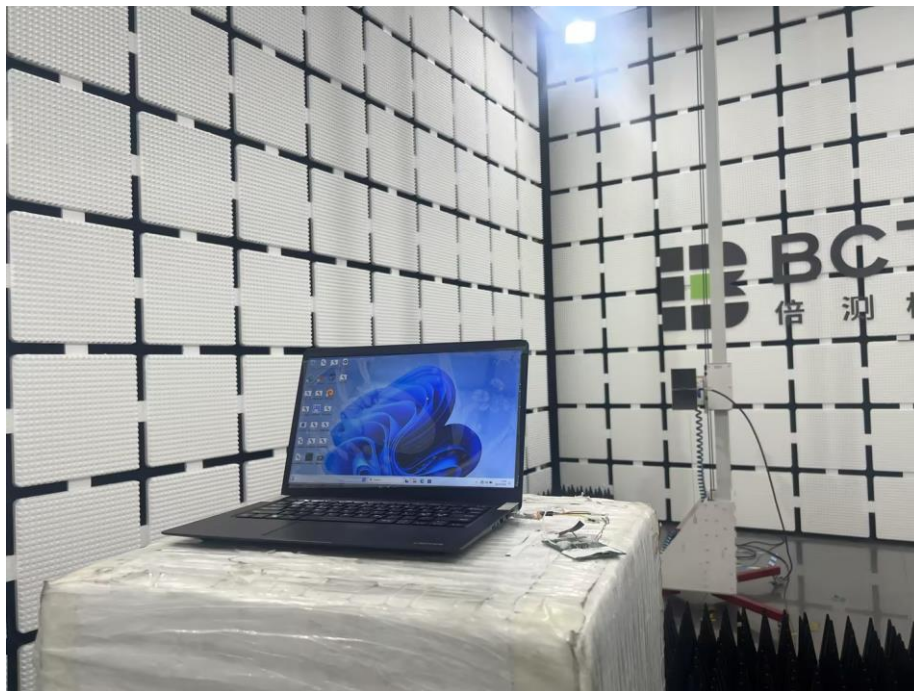
10. EUT Test Setup Photographs

Conducted Emissions Photo



Radiated Measurement Photos





STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without the "special seal for inspection and testing".
4. The test report is invalid without the signature of the approver.
5. The test process and test result is only related to the Unit Under Test.
6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.
7. The quality system of our laboratory is in accordance with ISO/IEC17025.
8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address:

1-2/F., Building B, Pengzhou Industrial Park, No.158, Fuyuan 1st Road, Zhancheng, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, China

TEL: 400-788-9558

P.C.: 518103

FAX: 0755-33229357

Website: <http://www.chnbctc.com>

Consultation E-mail: bctc@bctc-lab.com.cn

Complaint/Advice E-mail: advice@bctc-lab.com.cn

***** END *****