

TEST REPORT

Report No.: BCTC2410128129-3E

Applicant: REOLINK INNOVATION LIMITED

Product Name: WiFi module

Test Model: WL1NM1001

Tested Date: 2024-10-31 to 2024-11-15

Issued Date: 2024-11-15

Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2AYHE-2402A

Product Name: WiFi module

Trademark: 

Model/Type reference: WL1NM1001

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

Factory: HUIZHOU GAOSHENGDA TECHNOLOGY CO., LTD

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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: 2024-10-31

Sample tested Date: 2024-10-31 to 2024-11-15

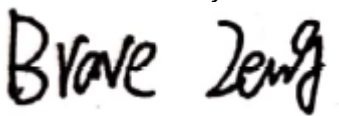
Issue Date: 2024-11-15

Report No.: BCTC2410128129-3E

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.

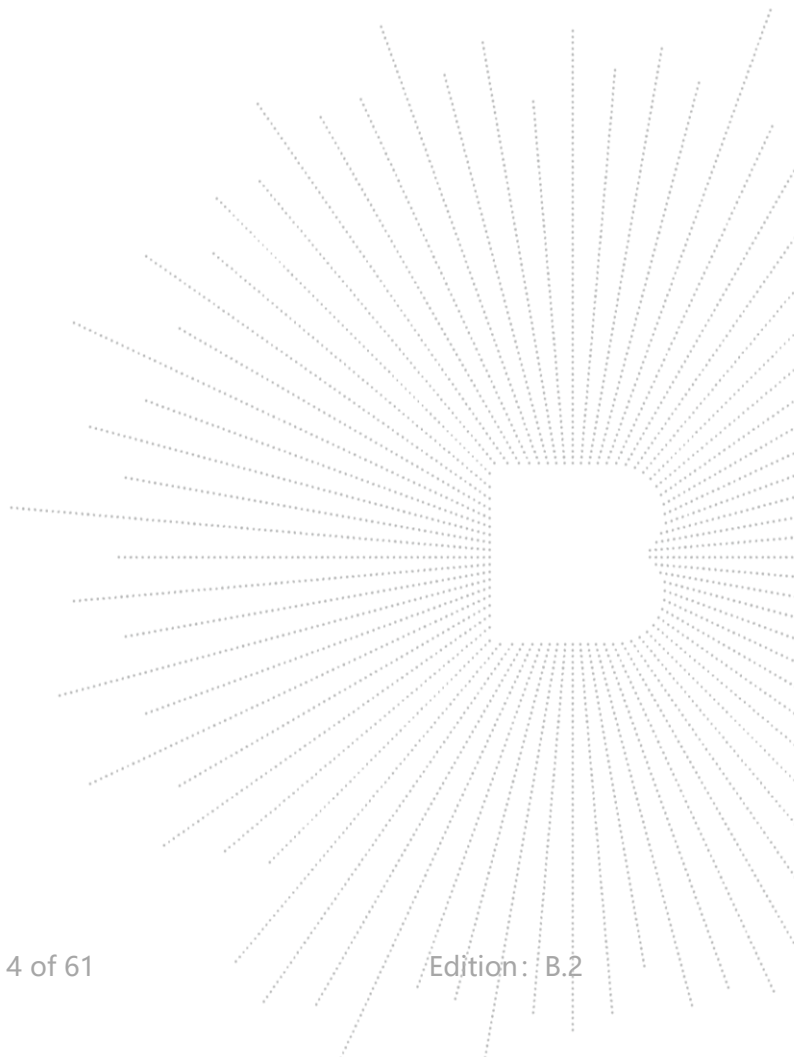
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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2410128129-3E	2024-11-15	Original	Valid



2. Test Summary

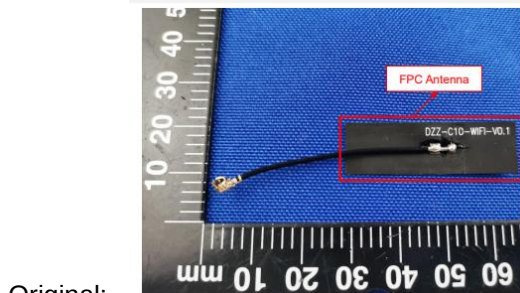
The Product has been tested according to the following specifications:

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

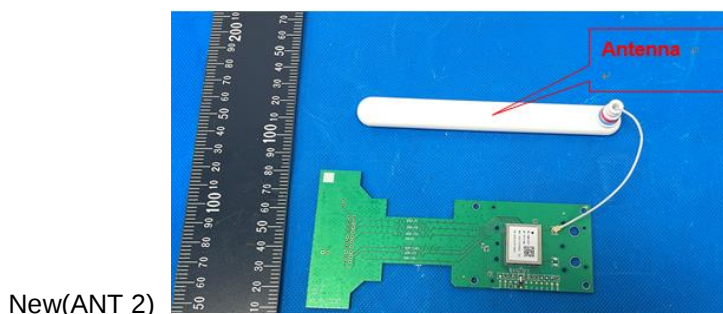
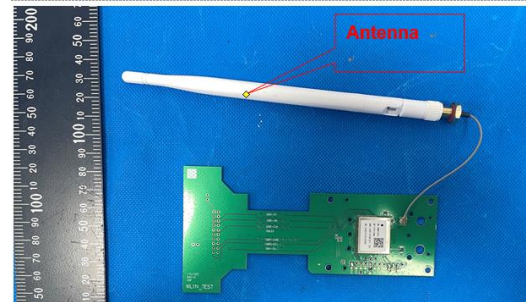
Note: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

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-SZ2471080-603)

Product reports two different antennas



New(ANT 1)



Note: According to the following changes in the original test report (BL-SZ2471080-603), 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:	WL1NM1001
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)
Operation Frequency:	5180-5240MHz for 802.11a/n/ac/ax(HT20); 5260-5320MHz for 802.11a/n/ac/ax(HT20); 5500-5700MHz for 802.11a/n/ac/ax(HT20); 5745-5825 MHz for 802.11a/n/ac/ax(HT20);
Data Rate	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40):MCS0-MCS15; 802.11ac/ax(VHT20): MCS0-MCS8
Type of Modulation:	OFDM/OFDMA
Antenna installation:	External antenna
Antenna Gain:	Antenna 1: 2.55 dBi, Antenna 2: 3.21 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 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	WL1NM1001	N/A	EUT
E-2	PC	Lenovo	ThinkPad S2	N/A	Auxiliary
E-3	Adapter	---	---	N/A	Auxiliary

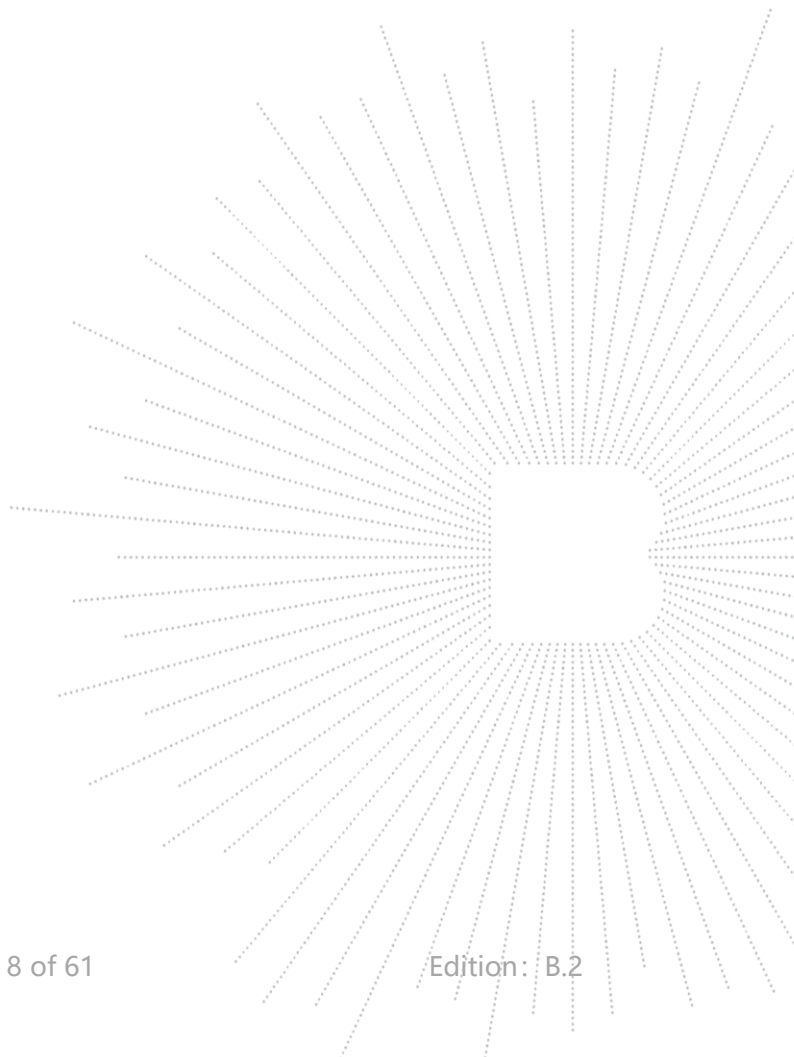
Item	Shielded Type	Ferrite Core	Length	Note
C-1	N/A	N/A	0M	DC cable unshielded

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
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	52	5260	56	5280
	60	5300	64	5320
(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
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825		



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/ax 20 CH36/ CH40/ CH 48 802.11a / n/ ac/ax 20 CH52/ CH56/ CH 64 802.11a / n/ ac/ax 20 CH100/ CH116/ CH 140 802.11a /n/ ac/ax 20 CH149/ CH157/ CH 165
Mode 2	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

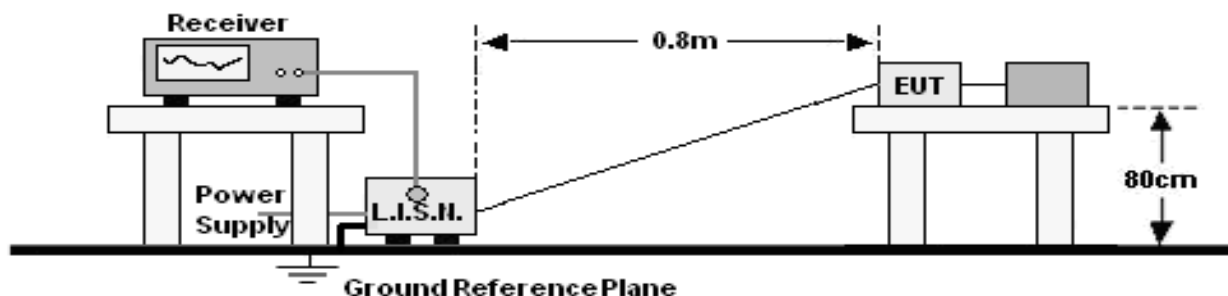
5.2 Test Instrument Used

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	SK202104090 1	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.

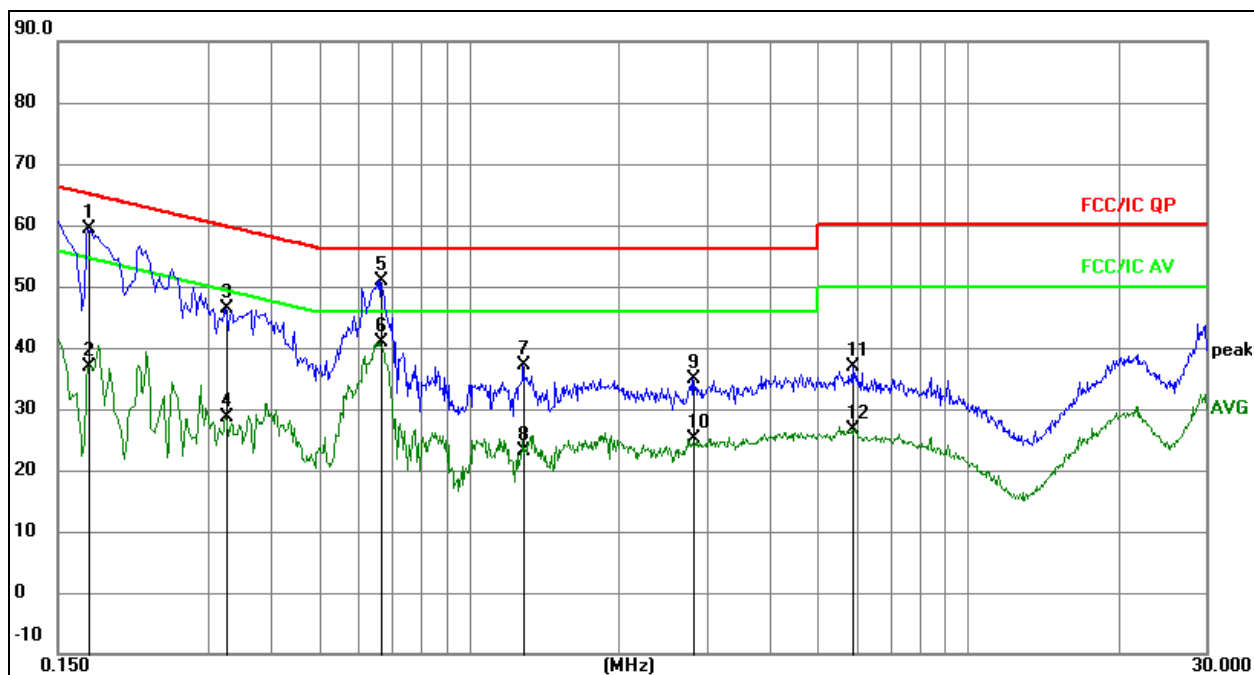
6.4 EUT Operating Conditions

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

Antenna 1

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V From PC
Test Mode:	Mode 2	Polarization :	L

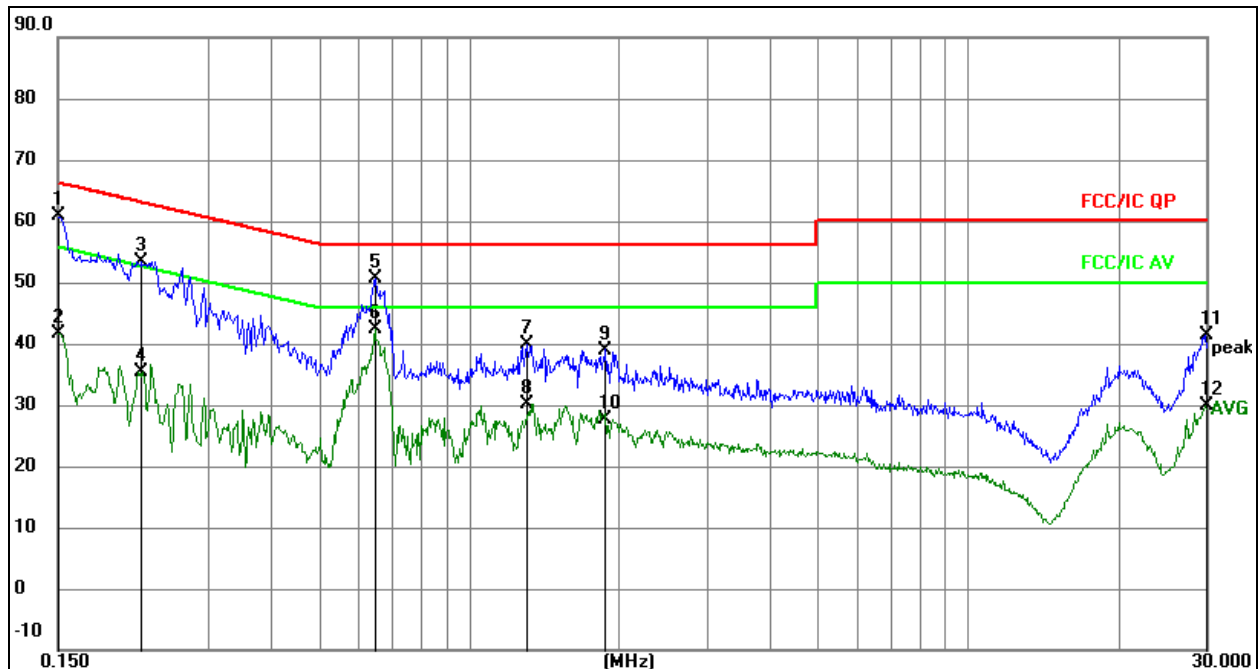


Remark:

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1		0.1725	39.34	20.07	59.41	64.84	-5.43	QP
2		0.1725	16.80	20.07	36.87	54.84	-17.97	AVG
3		0.3255	26.24	20.07	46.31	59.57	-13.26	QP
4		0.3255	8.65	20.07	28.72	49.57	-20.85	AVG
5		0.6675	30.79	20.09	50.88	56.00	-5.12	QP
6	*	0.6675	20.86	20.09	40.95	46.00	-5.05	AVG
7		1.2885	17.04	20.09	37.13	56.00	-18.87	QP
8		1.2885	3.02	20.09	23.11	46.00	-22.89	AVG
9		2.8140	14.70	20.12	34.82	56.00	-21.18	QP
10		2.8140	4.97	20.12	25.09	46.00	-20.91	AVG
11		5.8695	16.80	20.15	36.95	60.00	-23.05	QP
12		5.8695	6.59	20.15	26.74	50.00	-23.26	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V From PC
Test Mode:	Mode 2	Polarization :	N



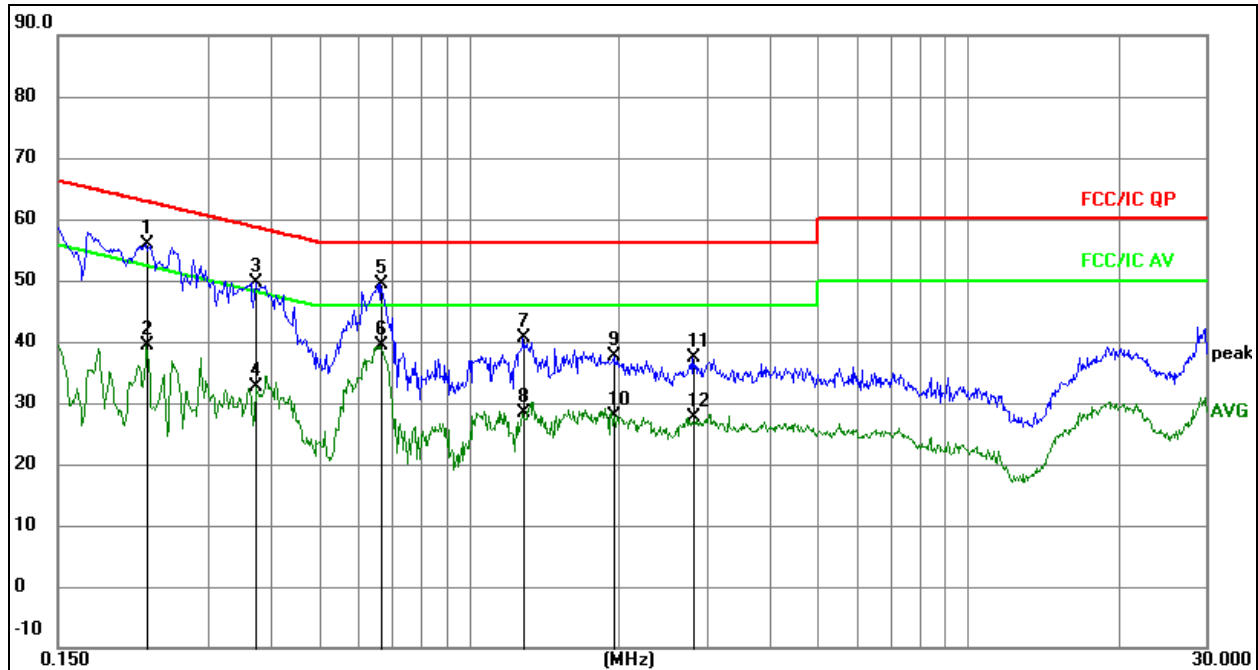
Remark:

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

No.	Mk.	Freq. MHz	Reading Level dB	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1500	40.79	20.07	60.86	66.00	-5.14	QP
2		0.1500	21.66	20.07	41.73	56.00	-14.27	AVG
3		0.2208	33.38	20.07	53.45	62.79	-9.34	QP
4		0.2208	15.39	20.07	35.46	52.79	-17.33	AVG
5		0.6474	30.56	20.09	50.65	56.00	-5.35	QP
6	*	0.6474	22.23	20.09	42.32	46.00	-3.68	AVG
7		1.3098	19.67	20.09	39.76	56.00	-16.24	QP
8		1.3098	10.16	20.09	30.25	46.00	-15.75	AVG
9		1.8779	18.90	20.10	39.00	56.00	-17.00	QP
10		1.8779	7.55	20.10	27.65	46.00	-18.35	AVG
11		29.8415	21.03	20.27	41.30	60.00	-18.70	QP
12		29.8415	9.51	20.27	29.78	50.00	-20.22	AVG

Antenna 2

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V From PC
Test Mode:	Mode 2	Polarization :	L

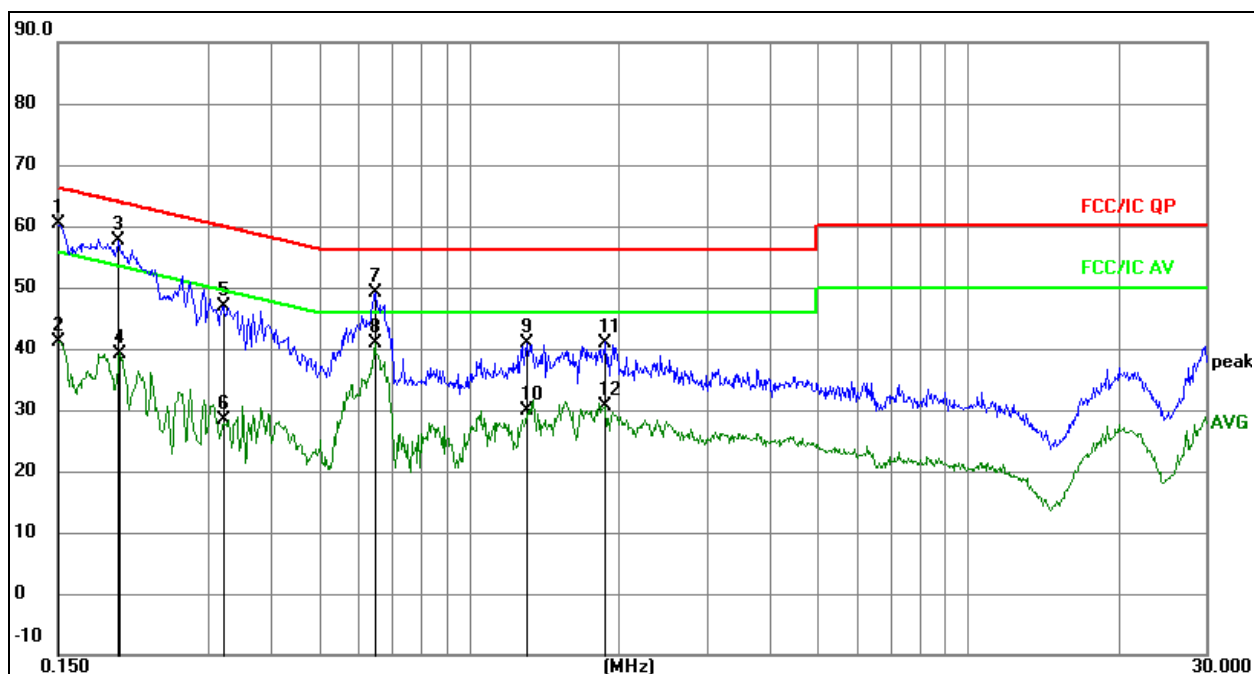


Remark:

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

No.	Mk.	Freq. MHz	Reading Level	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.2265	35.75	20.07	55.82	62.58	-6.76	QP
2		0.2265	19.20	20.07	39.27	52.58	-13.31	AVG
3		0.3750	29.55	20.08	49.63	58.39	-8.76	QP
4		0.3750	12.43	20.08	32.51	48.39	-15.88	AVG
5		0.6673	29.29	20.09	49.38	56.00	-6.62	QP
6	*	0.6673	19.36	20.09	39.45	46.00	-6.55	AVG
7		1.2882	20.54	20.09	40.63	56.00	-15.37	QP
8		1.2882	8.39	20.09	28.48	46.00	-17.52	AVG
9		1.9542	17.62	20.10	37.72	56.00	-18.28	QP
10		1.9542	7.83	20.10	27.93	46.00	-18.07	AVG
11		2.8140	17.20	20.12	37.32	56.00	-18.68	QP
12		2.8140	7.47	20.12	27.59	46.00	-18.41	AVG

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Test Voltage:	DC 5V From PC
Test Mode:	Mode 2	Polarization :	N



Remark:

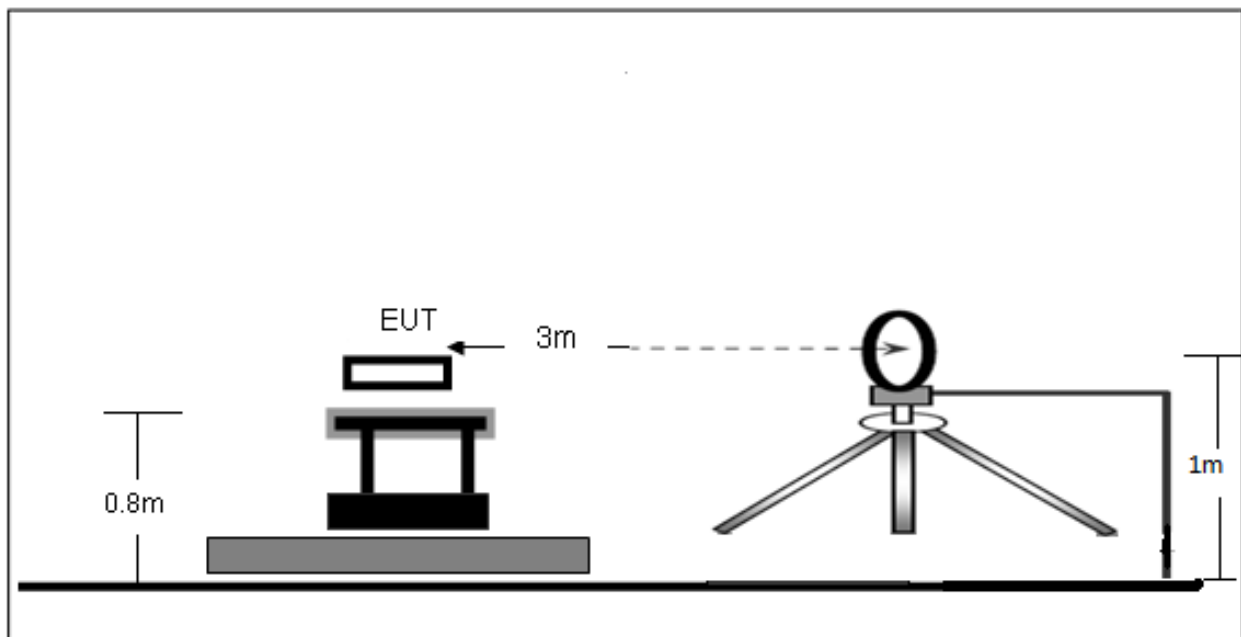
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement = Reading Level + Correct Factor
4. Over = Measurement - Limit

No.	Mk.	Freq. MHz	Reading Level	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.1500	40.28	20.07	60.35	66.00	-5.65	QP
2		0.1500	21.16	20.07	41.23	56.00	-14.77	AVG
3		0.1985	37.60	20.07	57.67	63.67	-6.00	QP
4		0.1995	19.18	20.07	39.25	53.63	-14.38	AVG
5		0.3200	26.83	20.07	46.90	59.71	-12.81	QP
6		0.3200	8.43	20.07	28.50	49.71	-21.21	AVG
7		0.6472	29.06	20.09	49.15	56.00	-6.85	QP
8	*	0.6472	20.73	20.09	40.82	46.00	-5.18	AVG
9		1.3098	20.67	20.09	40.76	56.00	-15.24	QP
10		1.3098	9.79	20.09	29.88	46.00	-16.12	AVG
11		1.8777	20.90	20.10	41.00	56.00	-15.00	QP
12		1.8777	10.48	20.10	30.58	46.00	-15.42	AVG

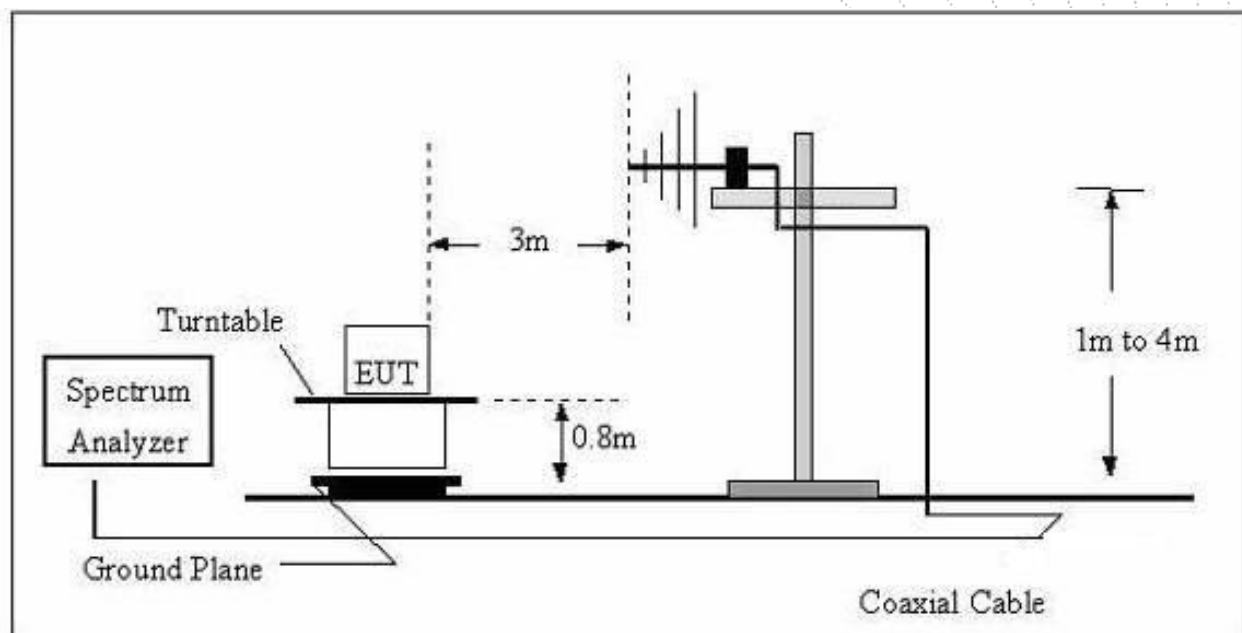
7. Radiated Emissions

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 2	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.

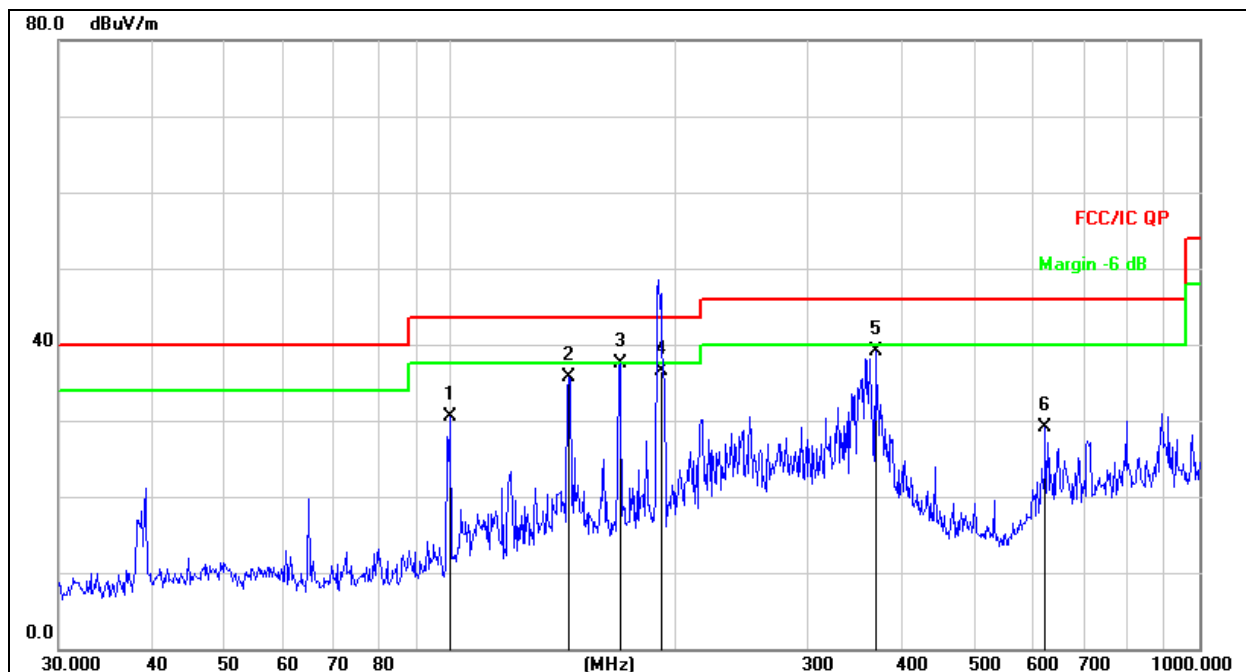
Distance extrapolation factor = $40 \log (\text{specific distance/test distance})(\text{dB})$;

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

Antenna 1

Between 30MHz – 1GHz

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 2	Remark:	N/A

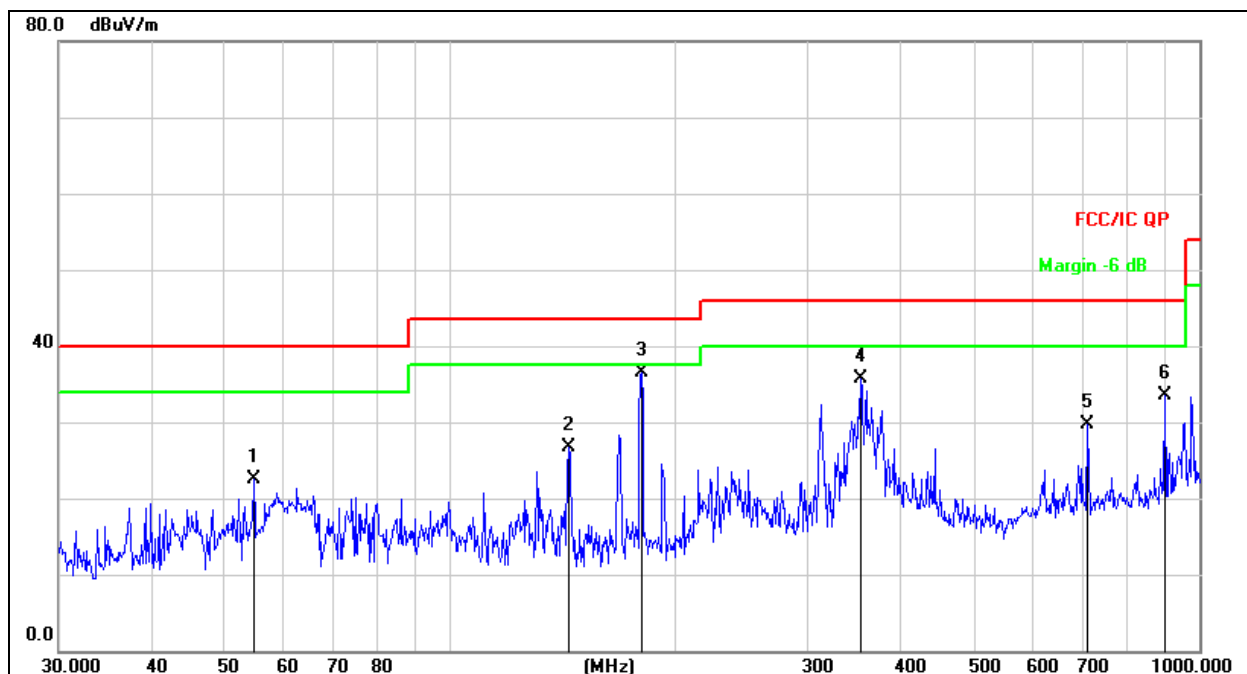


Remark:

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	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector
1		99.8777	46.47	-15.95	30.52	43.50	-12.98	QP
2		143.8295	54.70	-19.00	35.70	43.50	-7.80	QP
3	*	168.4138	55.49	-18.06	37.43	43.50	-6.07	QP
4		191.9965	52.74	-16.31	36.43	43.50	-7.07	QP
5		369.4047	50.37	-11.23	39.14	46.00	-6.86	QP
6		622.8900	35.72	-6.63	29.09	46.00	-16.91	QP

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 2	Remark:	N/A



Remark:

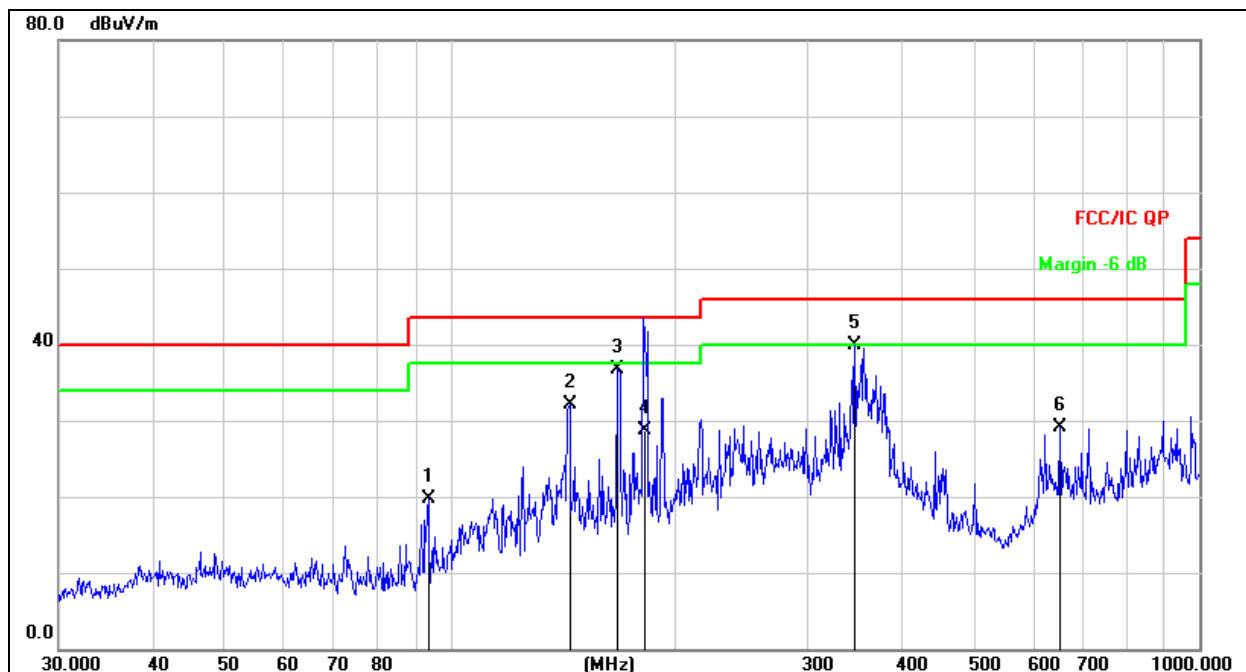
1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
2. Measurement=Reading Level+ Correct Factor
3. Over=Measurement-Limit

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		54.6429	37.07	-14.53	22.54	40.00	-17.46	QP
2		143.8295	45.79	-19.00	26.79	43.50	-16.71	QP
3	*	180.0165	53.63	-17.20	36.43	43.50	-7.07	QP
4		352.9433	47.07	-11.44	35.63	46.00	-10.37	QP
5		709.1823	35.19	-5.58	29.61	46.00	-16.39	QP
6		900.1474	36.68	-3.12	33.56	46.00	-12.44	QP

Antenna 2

Between 30MHz – 1GHz

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 2	Remark:	N/A

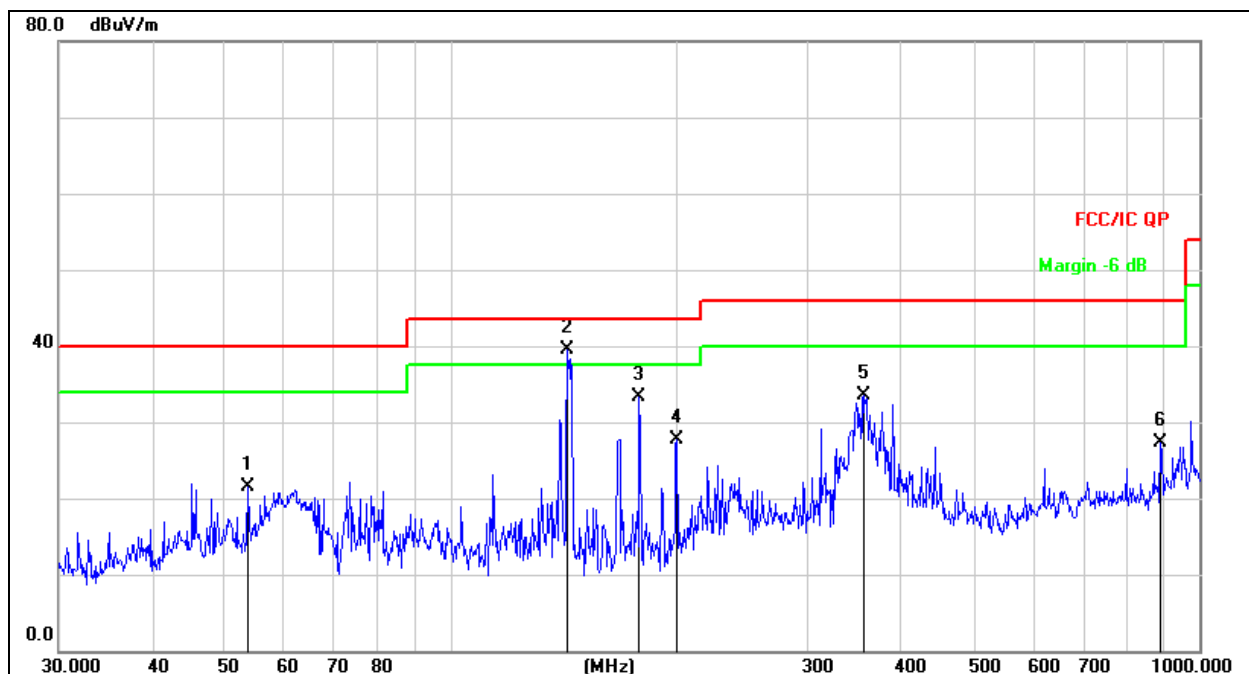


Remark:

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		93.4402	36.54	-16.89	19.65	43.50	-23.85	QP
2		144.3348	51.12	-19.03	32.09	43.50	-11.41	QP
3		167.2368	54.76	-18.15	36.61	43.50	-6.89	QP
4		182.1478	45.65	-17.04	28.61	43.50	-14.89	QP
5	*	346.8092	51.40	-11.59	39.81	46.00	-6.19	QP
6		651.9417	35.32	-6.14	29.18	46.00	-16.82	QP

Temperature:	26 °C	Relative Humidity:	54%
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 2	Remark:	N/A



Remark:

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

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector
1		53.6932	35.81	-14.40	21.41	40.00	-18.59	QP
2	*	143.3261	58.47	-18.96	39.51	43.50	-3.99	QP
3		178.7584	50.62	-17.30	33.32	43.50	-10.18	QP
4		200.6881	43.47	-15.70	27.77	43.50	-15.73	QP
5		356.6758	44.99	-11.39	33.60	46.00	-12.40	QP
6		887.6099	30.70	-3.33	27.37	46.00	-18.63	QP

Between 1GHz – 40GHz(The worst case)

Test Mode:	TX(5.1G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.140	70.91	-20.73	50.17	68.2	-18.03	PK
Vertical	4434.140	59.50	-20.73	38.77	54	-15.23	AV
Vertical	10360.068	63.33	-9.36	53.97	68.2	-14.23	PK
Vertical	10360.068	49.72	-9.36	40.36	54	-13.64	AV
Vertical	15540.156	61.88	-7.84	54.04	74	-19.96	PK
Vertical	15540.156	49.50	-7.84	41.66	54	-12.34	AV
Horizontal	4434.033	72.74	-20.73	52.01	68.2	-16.19	PK
Horizontal	4434.033	59.32	-20.73	38.59	54	-15.41	AV
Horizontal	10360.126	62.55	-9.36	53.19	68.2	-15.01	PK
Horizontal	10360.126	49.11	-9.36	39.75	54	-14.25	AV
Horizontal	15540.120	62.98	-7.84	55.14	74	-18.86	PK
Horizontal	15540.120	49.73	-7.84	41.89	54	-12.11	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.087	74.88	-20.42	54.47	74	-19.53	PK
Vertical	4592.087	59.23	-20.42	38.81	54	-15.19	AV
Vertical	10400.192	60.51	-9.30	51.21	68.2	-16.99	PK
Vertical	10400.192	49.57	-9.30	40.27	54	-13.73	AV
Vertical	15600.127	64.44	-7.82	56.62	74	-17.38	PK
Vertical	15600.127	49.78	-7.82	41.96	54	-12.04	AV
Horizontal	4592.003	71.85	-20.42	51.44	74	-22.56	PK
Horizontal	4592.003	59.78	-20.42	39.37	54	-14.63	AV
Horizontal	10400.057	64.83	-9.30	55.53	68.2	-12.67	PK
Horizontal	10400.057	49.97	-9.30	40.67	54	-13.33	AV
Horizontal	15600.154	62.64	-7.82	54.82	74	-19.18	PK
Horizontal	15600.154	49.09	-7.82	41.27	54	-12.73	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.165	70.68	-20.12	50.56	74	-23.44	PK
Vertical	4739.165	59.92	-20.12	39.79	54	-14.21	AV
Vertical	10480.078	61.88	-9.18	52.70	68.2	-15.50	PK
Vertical	10480.078	49.22	-9.18	40.04	54	-13.96	AV
Vertical	15720.082	61.85	-7.78	54.07	74	-19.93	PK
Vertical	15720.082	49.95	-7.78	42.17	54	-11.83	AV
Horizontal	4739.150	72.76	-20.12	52.64	74	-21.36	PK
Horizontal	4739.150	59.16	-20.12	39.04	54	-14.96	AV
Horizontal	10480.142	62.41	-9.18	53.23	68.2	-14.97	PK
Horizontal	10480.142	49.09	-9.18	39.91	54	-14.09	AV
Horizontal	15720.105	60.27	-7.78	52.49	74	-21.51	PK
Horizontal	15720.105	49.30	-7.78	41.52	54	-12.48	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11n-HT20
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.117	72.14	-20.73	51.40	68.2	-16.80	PK
Vertical	4434.117	59.82	-20.73	39.08	54	-14.92	AV
Vertical	10360.056	62.08	-9.36	52.72	68.2	-15.48	PK
Vertical	10360.056	49.06	-9.36	39.70	54	-14.30	AV
Vertical	15540.083	64.02	-7.84	56.18	74	-17.82	PK
Vertical	15540.083	49.77	-7.84	41.93	54	-12.07	AV
Horizontal	4434.021	74.34	-20.73	53.61	68.2	-14.59	PK
Horizontal	4434.021	59.53	-20.73	38.80	54	-15.20	AV
Horizontal	10360.137	61.97	-9.36	52.61	68.2	-15.59	PK
Horizontal	10360.137	49.78	-9.36	40.42	54	-13.58	AV
Horizontal	15540.036	64.98	-7.84	57.14	74	-16.86	PK
Horizontal	15540.036	49.41	-7.84	41.57	54	-12.43	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.120	73.37	-20.42	52.95	74	-21.05	PK
Vertical	4592.120	59.73	-20.42	39.32	54	-14.68	AV
Vertical	10400.104	64.21	-9.30	54.91	68.2	-13.29	PK
Vertical	10400.104	49.32	-9.30	40.02	54	-13.98	AV
Vertical	15600.118	64.47	-7.82	56.65	74	-17.35	PK
Vertical	15600.118	49.70	-7.82	41.88	54	-12.12	AV
Horizontal	4592.102	70.01	-20.42	49.59	74	-24.41	PK
Horizontal	4592.102	59.14	-20.42	38.73	54	-15.27	AV
Horizontal	10400.147	60.15	-9.30	50.85	68.2	-17.35	PK
Horizontal	10400.147	49.11	-9.30	39.81	54	-14.19	AV
Horizontal	15600.041	63.73	-7.82	55.91	74	-18.09	PK
Horizontal	15600.041	50.00	-7.82	42.18	54	-11.82	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.191	73.35	-20.12	53.23	74	-20.77	PK
Vertical	4739.191	59.61	-20.12	39.49	54	-14.51	AV
Vertical	10480.071	62.55	-9.18	53.37	68.2	-14.83	PK
Vertical	10480.071	49.15	-9.18	39.97	54	-14.03	AV
Vertical	15720.073	60.73	-7.78	52.95	74	-21.05	PK
Vertical	15720.073	49.96	-7.78	42.18	54	-11.82	AV
Horizontal	4739.139	72.43	-20.12	52.31	74	-21.69	PK
Horizontal	4739.139	59.86	-20.12	39.74	54	-14.26	AV
Horizontal	10480.012	60.46	-9.18	51.28	68.2	-16.92	PK
Horizontal	10480.012	49.10	-9.18	39.92	54	-14.08	AV
Horizontal	15720.067	62.21	-7.78	54.43	74	-19.57	PK
Horizontal	15720.067	49.96	-7.78	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(5.1G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.064	73.41	-20.73	52.68	68.2	-15.52	PK
Vertical	4434.064	59.54	-20.73	38.81	54	-15.19	AV
Vertical	10360.075	61.21	-9.36	51.85	68.2	-16.35	PK
Vertical	10360.075	49.29	-9.36	39.93	54	-14.07	AV
Vertical	15540.042	62.38	-7.84	54.54	74	-19.46	PK
Vertical	15540.042	49.57	-7.84	41.73	54	-12.27	AV
Horizontal	4434.039	70.81	-20.73	50.07	68.2	-18.13	PK
Horizontal	4434.039	59.94	-20.73	39.21	54	-14.79	AV
Horizontal	10360.168	61.42	-9.36	52.06	68.2	-16.14	PK
Horizontal	10360.168	49.92	-9.36	40.56	54	-13.44	AV
Horizontal	15540.169	63.31	-7.84	55.47	74	-18.53	PK
Horizontal	15540.169	49.64	-7.84	41.80	54	-12.20	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.041	74.40	-20.42	53.99	74	-20.01	PK
Vertical	4592.041	59.23	-20.42	38.82	54	-15.18	AV
Vertical	10400.050	64.70	-9.30	55.40	68.2	-12.80	PK
Vertical	10400.050	49.42	-9.30	40.12	54	-13.88	AV
Vertical	15600.030	62.37	-7.82	54.55	74	-19.45	PK
Vertical	15600.030	49.65	-7.82	41.83	54	-12.17	AV
Horizontal	4592.044	73.31	-20.42	52.89	74	-21.11	PK
Horizontal	4592.044	59.43	-20.42	39.02	54	-14.98	AV
Horizontal	10400.059	60.41	-9.30	51.11	68.2	-17.09	PK
Horizontal	10400.059	49.85	-9.30	40.55	54	-13.45	AV
Horizontal	15600.171	61.83	-7.82	54.01	74	-19.99	PK
Horizontal	15600.171	49.87	-7.82	42.05	54	-11.95	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.027	70.09	-20.12	49.97	74	-24.03	PK
Vertical	4739.027	59.42	-20.12	39.30	54	-14.70	AV
Vertical	10480.154	64.79	-9.18	55.61	68.2	-12.59	PK
Vertical	10480.154	49.86	-9.18	40.68	54	-13.32	AV
Vertical	15720.002	63.12	-7.78	55.34	74	-18.66	PK
Vertical	15720.002	49.21	-7.78	41.43	54	-12.57	AV
Horizontal	4739.106	72.09	-20.12	51.96	74	-22.04	PK
Horizontal	4739.106	59.91	-20.12	39.78	54	-14.22	AV
Horizontal	10480.022	60.45	-9.18	51.27	68.2	-16.93	PK
Horizontal	10480.022	49.48	-9.18	40.30	54	-13.70	AV
Horizontal	15720.008	63.65	-7.78	55.87	74	-18.13	PK
Horizontal	15720.008	49.81	-7.78	42.03	54	-11.97	AV

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

Test Mode:	TX(5.1G) - 802.11ax-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.064	70.95	-20.73	50.22	68.2	-17.98	PK
Vertical	4434.064	59.83	-20.73	39.10	54	-14.90	AV
Vertical	10360.075	64.66	-9.36	55.30	68.2	-12.90	PK
Vertical	10360.075	49.99	-9.36	40.63	54	-13.37	AV
Vertical	15540.042	63.77	-7.84	55.93	74	-18.07	PK
Vertical	15540.042	49.93	-7.84	42.09	54	-11.91	AV
Horizontal	4434.039	73.68	-20.73	52.95	68.2	-15.25	PK
Horizontal	4434.039	59.54	-20.73	38.81	54	-15.19	AV
Horizontal	10360.168	64.51	-9.36	55.15	68.2	-13.05	PK
Horizontal	10360.168	49.58	-9.36	40.22	54	-13.78	AV
Horizontal	15540.169	61.58	-7.84	53.74	74	-20.26	PK
Horizontal	15540.169	49.96	-7.84	42.12	54	-11.88	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.041	72.47	-20.42	52.05	74	-21.95	PK
Vertical	4592.041	59.96	-20.42	39.55	54	-14.45	AV
Vertical	10400.050	60.05	-9.30	50.75	68.2	-17.45	PK
Vertical	10400.050	49.54	-9.30	40.24	54	-13.76	AV
Vertical	15600.030	60.45	-7.82	52.63	74	-21.37	PK
Vertical	15600.030	49.19	-7.82	41.37	54	-12.63	AV
Horizontal	4592.044	74.23	-20.42	53.81	74	-20.19	PK
Horizontal	4592.044	59.37	-20.42	38.96	54	-15.04	AV
Horizontal	10400.059	63.19	-9.30	53.89	68.2	-14.31	PK
Horizontal	10400.059	49.87	-9.30	40.57	54	-13.43	AV
Horizontal	15600.171	64.74	-7.82	56.92	74	-17.08	PK
Horizontal	15600.171	49.37	-7.82	41.55	54	-12.45	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.027	71.88	-20.12	51.76	74	-22.24	PK
Vertical	4739.027	59.56	-20.12	39.43	54	-14.57	AV
Vertical	10480.154	64.66	-9.18	55.48	68.2	-12.72	PK
Vertical	10480.154	49.95	-9.18	40.77	54	-13.23	AV
Vertical	15720.002	60.99	-7.78	53.21	74	-20.79	PK
Vertical	15720.002	49.59	-7.78	41.81	54	-12.19	AV
Horizontal	4739.106	74.68	-20.12	54.56	74	-19.44	PK
Horizontal	4739.106	59.14	-20.12	39.02	54	-14.98	AV
Horizontal	10480.022	63.61	-9.18	54.43	68.2	-13.77	PK
Horizontal	10480.022	49.78	-9.18	40.60	54	-13.40	AV
Horizontal	15720.008	60.34	-7.78	52.56	74	-21.44	PK
Horizontal	15720.008	49.78	-7.78	42.00	54	-12.00	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.062	70.82	-20.73	50.09	68.2	-18.11	PK
Vertical	4434.062	59.80	-20.73	39.07	54	-14.93	AV
Vertical	10520.002	60.33	-9.12	51.21	68.2	-16.99	PK
Vertical	10520.002	49.59	-9.12	40.47	54	-13.53	AV
Vertical	15780.192	60.23	-7.77	52.46	74	-21.54	PK
Vertical	15780.192	49.31	-7.77	41.54	54	-12.46	AV
Horizontal	4434.019	72.24	-20.73	51.51	68.2	-16.69	PK
Horizontal	4434.019	59.10	-20.73	38.37	54	-15.63	AV
Horizontal	10520.166	62.62	-9.12	53.50	68.2	-14.70	PK
Horizontal	10520.166	49.52	-9.12	40.40	54	-13.60	AV
Horizontal	15780.173	60.80	-7.77	53.03	74	-20.97	PK
Horizontal	15780.173	49.82	-7.77	42.05	54	-11.95	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.049	73.26	-20.42	52.85	74	-21.15	PK
Vertical	4592.049	59.51	-20.42	39.09	54	-14.91	AV
Vertical	10560.167	60.93	-9.06	51.87	68.2	-16.33	PK
Vertical	10560.167	49.44	-9.06	40.38	54	-13.62	AV
Vertical	15840.008	62.36	-7.75	54.61	74	-19.39	PK
Vertical	15840.008	49.19	-7.75	41.44	54	-12.56	AV
Horizontal	4592.085	72.29	-20.42	51.87	74	-22.13	PK
Horizontal	4592.085	59.91	-20.42	39.50	54	-14.50	AV
Horizontal	10560.192	60.32	-9.06	51.26	68.2	-16.94	PK
Horizontal	10560.192	49.95	-9.06	40.89	54	-13.11	AV
Horizontal	15840.080	62.25	-7.75	54.50	74	-19.50	PK
Horizontal	15840.080	49.78	-7.75	42.03	54	-11.97	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.179	70.54	-20.12	50.42	74	-23.58	PK
Vertical	4739.179	59.10	-20.12	38.98	54	-15.02	AV
Vertical	10640.155	61.12	-8.94	52.18	68.2	-16.02	PK
Vertical	10640.155	49.93	-8.94	40.99	54	-13.01	AV
Vertical	15960.019	60.99	-7.71	53.28	74	-20.72	PK
Vertical	15960.019	49.90	-7.71	42.19	54	-11.81	AV
Horizontal	4739.098	72.59	-20.12	52.47	74	-21.53	PK
Horizontal	4739.098	59.32	-20.12	39.20	54	-14.80	AV
Horizontal	10640.042	62.46	-8.94	53.52	68.2	-14.68	PK
Horizontal	10640.042	49.79	-8.94	40.85	54	-13.15	AV
Horizontal	15960.195	60.81	-7.71	53.10	74	-20.90	PK
Horizontal	15960.195	49.74	-7.71	42.03	54	-11.97	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11n-HT20
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Polar	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	4434.018	74.55	-20.73	53.82	68.2	-14.38	PK
Vertical	4434.018	59.55	-20.73	38.82	54	-15.18	AV
Vertical	10520.033	62.77	-9.12	53.65	68.2	-14.55	PK
Vertical	10520.033	49.02	-9.12	39.90	54	-14.10	AV
Vertical	15780.124	60.12	-7.77	52.35	74	-21.65	PK
Vertical	15780.124	49.72	-7.77	41.95	54	-12.05	AV
Horizontal	4434.039	74.27	-20.73	53.54	68.2	-14.66	PK
Horizontal	4434.039	59.83	-20.73	39.09	54	-14.91	AV
Horizontal	10520.002	61.38	-9.12	52.26	68.2	-15.94	PK
Horizontal	10520.002	49.56	-9.12	40.44	54	-13.56	AV
Horizontal	15780.009	63.12	-7.77	55.35	74	-18.65	PK
Horizontal	15780.009	49.54	-7.77	41.77	54	-12.23	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.182	72.24	-20.42	51.83	74	-22.17	PK
Vertical	4592.182	59.84	-20.42	39.42	54	-14.58	AV
Vertical	10560.081	63.30	-9.06	54.24	68.2	-13.96	PK
Vertical	10560.081	49.20	-9.06	40.14	54	-13.86	AV
Vertical	15840.158	60.09	-7.75	52.34	74	-21.66	PK
Vertical	15840.158	49.91	-7.75	42.16	54	-11.84	AV
Horizontal	4592.081	71.39	-20.42	50.98	74	-23.02	PK
Horizontal	4592.081	59.45	-20.42	39.03	54	-14.97	AV
Horizontal	10560.037	61.04	-9.06	51.98	68.2	-16.22	PK
Horizontal	10560.037	49.11	-9.06	40.05	54	-13.95	AV
Horizontal	15840.059	60.86	-7.75	53.11	74	-20.89	PK
Horizontal	15840.059	49.85	-7.75	42.10	54	-11.90	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.165	73.19	-20.12	53.07	74	-20.93	PK
Vertical	4739.165	59.31	-20.12	39.19	54	-14.81	AV
Vertical	10640.179	64.36	-8.94	55.42	68.2	-12.78	PK
Vertical	10640.179	49.25	-8.94	40.31	54	-13.69	AV
Vertical	15960.104	62.13	-7.71	54.42	74	-19.58	PK
Vertical	15960.104	49.84	-7.71	42.13	54	-11.87	AV
Horizontal	4739.070	71.06	-20.12	50.94	74	-23.06	PK
Horizontal	4739.070	59.20	-20.12	39.08	54	-14.92	AV
Horizontal	10640.109	62.95	-8.94	54.01	68.2	-14.19	PK
Horizontal	10640.109	49.54	-8.94	40.60	54	-13.40	AV
Horizontal	15960.185	62.08	-7.71	54.37	74	-19.63	PK
Horizontal	15960.185	49.28	-7.71	41.57	54	-12.43	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.137	71.75	-20.73	51.02	68.2	-17.18	PK
Vertical	4434.137	59.43	-20.73	38.70	54	-15.30	AV
Vertical	10520.112	63.50	-9.12	54.38	68.2	-13.82	PK
Vertical	10520.112	49.19	-9.12	40.07	54	-13.93	AV
Vertical	15780.059	64.27	-7.77	56.50	74	-17.50	PK
Vertical	15780.059	49.82	-7.77	42.05	54	-11.95	AV
Horizontal	4434.042	72.81	-20.73	52.08	68.2	-16.12	PK
Horizontal	4434.042	59.16	-20.73	38.43	54	-15.57	AV
Horizontal	10520.007	60.34	-9.12	51.22	68.2	-16.98	PK
Horizontal	10520.007	49.15	-9.12	40.03	54	-13.97	AV
Horizontal	15780.128	62.90	-7.77	55.13	74	-18.87	PK
Horizontal	15780.128	49.44	-7.77	41.67	54	-12.33	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.025	74.98	-20.42	54.57	74	-19.43	PK
Vertical	4592.025	59.45	-20.42	39.03	54	-14.97	AV
Vertical	10560.112	60.22	-9.06	51.16	68.2	-17.04	PK
Vertical	10560.112	49.06	-9.06	40.00	54	-14.00	AV
Vertical	15840.189	63.48	-7.75	55.73	74	-18.27	PK
Vertical	15840.189	49.67	-7.75	41.92	54	-12.08	AV
Horizontal	4592.072	71.82	-20.42	51.40	74	-22.60	PK
Horizontal	4592.072	59.91	-20.42	39.50	54	-14.50	AV
Horizontal	10560.096	60.25	-9.06	51.19	68.2	-17.01	PK
Horizontal	10560.096	49.49	-9.06	40.43	54	-13.57	AV
Horizontal	15840.035	63.64	-7.75	55.89	74	-18.11	PK
Horizontal	15840.035	49.64	-7.75	41.89	54	-12.11	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.126	73.00	-20.12	52.88	74	-21.12	PK
Vertical	4739.126	59.35	-20.12	39.23	54	-14.77	AV
Vertical	10640.101	60.45	-8.94	51.51	68.2	-16.69	PK
Vertical	10640.101	49.49	-8.94	40.55	54	-13.45	AV
Vertical	15960.146	64.55	-7.71	56.84	74	-17.16	PK
Vertical	15960.146	49.96	-7.71	42.25	54	-11.75	AV
Horizontal	4739.037	71.70	-20.12	51.58	74	-22.42	PK
Horizontal	4739.037	59.04	-20.12	38.91	54	-15.09	AV
Horizontal	10640.028	64.89	-8.94	55.95	68.2	-12.25	PK
Horizontal	10640.028	49.06	-8.94	40.12	54	-13.88	AV
Horizontal	15960.055	60.03	-7.71	52.32	74	-21.68	PK
Horizontal	15960.055	49.30	-7.71	41.59	54	-12.41	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11ax20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.018	74.59	-20.73	53.86	68.2	-14.34	PK
Vertical	4434.018	59.33	-20.73	38.60	54	-15.40	AV
Vertical	10520.033	64.12	-9.12	55.00	68.2	-13.20	PK
Vertical	10520.033	49.14	-9.12	40.02	54	-13.98	AV
Vertical	15780.124	64.40	-7.77	56.63	74	-17.37	PK
Vertical	15780.124	49.59	-7.77	41.82	54	-12.18	AV
Horizontal	4434.039	74.57	-20.73	53.84	68.2	-14.36	PK
Horizontal	4434.039	59.04	-20.73	38.31	54	-15.69	AV
Horizontal	10520.002	63.34	-9.12	54.22	68.2	-13.98	PK
Horizontal	10520.002	49.54	-9.12	40.42	54	-13.58	AV
Horizontal	15780.009	60.20	-7.77	52.43	74	-21.57	PK
Horizontal	15780.009	49.09	-7.77	41.32	54	-12.68	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.182	73.68	-20.42	53.26	74	-20.74	PK
Vertical	4592.182	59.96	-20.42	39.54	54	-14.46	AV
Vertical	10560.081	61.39	-9.06	52.33	68.2	-15.87	PK
Vertical	10560.081	49.75	-9.06	40.69	54	-13.31	AV
Vertical	15840.158	64.89	-7.75	57.14	74	-16.86	PK
Vertical	15840.158	49.19	-7.75	41.44	54	-12.56	AV
Horizontal	4592.081	70.77	-20.42	50.36	74	-23.64	PK
Horizontal	4592.081	60.00	-20.42	39.58	54	-14.42	AV
Horizontal	10560.037	60.53	-9.06	51.47	68.2	-16.73	PK
Horizontal	10560.037	49.69	-9.06	40.63	54	-13.37	AV
Horizontal	15840.059	64.24	-7.75	56.49	74	-17.51	PK
Horizontal	15840.059	49.59	-7.75	41.84	54	-12.16	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.165	74.96	-20.12	54.84	74	-19.16	PK
Vertical	4739.165	59.23	-20.12	39.11	54	-14.89	AV
Vertical	10640.179	63.88	-8.94	54.94	68.2	-13.26	PK
Vertical	10640.179	49.91	-8.94	40.97	54	-13.03	AV
Vertical	15960.104	63.94	-7.71	56.23	74	-17.77	PK
Vertical	15960.104	49.89	-7.71	42.18	54	-11.82	AV
Horizontal	4739.070	74.90	-20.12	54.78	74	-19.22	PK
Horizontal	4739.070	59.64	-20.12	39.51	54	-14.49	AV
Horizontal	10640.109	62.10	-8.94	53.16	68.2	-15.04	PK
Horizontal	10640.109	49.85	-8.94	40.91	54	-13.09	AV
Horizontal	15960.185	62.97	-7.71	55.26	74	-18.74	PK
Horizontal	15960.185	49.97	-7.71	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(5.6G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.128	71.75	-20.73	51.02	68.2	-17.18	PK
Vertical	4434.128	59.49	-20.73	38.76	54	-15.24	AV
Vertical	11000.047	60.49	-8.40	52.09	68.2	-16.11	PK
Vertical	11000.047	49.71	-8.40	41.31	54	-12.69	AV
Vertical	16500.195	63.46	-6.09	57.37	74	-16.63	PK
Vertical	16500.195	49.70	-6.09	43.61	54	-10.39	AV
Horizontal	4434.172	70.14	-20.73	49.41	68.2	-18.79	PK
Horizontal	4434.172	59.86	-20.73	39.13	54	-14.87	AV
Horizontal	11000.182	62.62	-8.40	54.22	68.2	-13.98	PK
Horizontal	11000.182	49.02	-8.40	40.62	54	-13.38	AV
Horizontal	16500.062	60.33	-6.09	54.24	74	-19.76	PK
Horizontal	16500.062	49.39	-6.09	43.30	54	-10.70	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.120	73.23	-20.42	52.82	74	-21.18	PK
Vertical	4592.120	59.30	-20.42	38.89	54	-15.11	AV
Vertical	11160.141	64.74	-8.53	56.21	68.2	-11.99	PK
Vertical	11160.141	49.43	-8.53	40.90	54	-13.10	AV
Vertical	16740.085	60.91	-5.31	55.60	74	-18.40	PK
Vertical	16740.085	49.84	-5.31	44.53	54	-9.47	AV
Horizontal	4592.164	74.38	-20.42	53.96	74	-20.04	PK
Horizontal	4592.164	59.46	-20.42	39.04	54	-14.96	AV
Horizontal	11160.138	64.43	-8.53	55.90	68.2	-12.30	PK
Horizontal	11160.138	49.91	-8.53	41.38	54	-12.62	AV
Horizontal	16740.118	64.94	-5.31	59.63	74	-14.37	PK
Horizontal	16740.118	49.29	-5.31	43.98	54	-10.02	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.176	74.61	-20.12	54.49	74	-19.51	PK
Vertical	4739.176	59.56	-20.12	39.44	54	-14.56	AV
Vertical	11400.030	64.87	-8.72	56.15	68.2	-12.05	PK
Vertical	11400.030	49.99	-8.72	41.27	54	-12.73	AV
Vertical	17100.158	64.39	-3.92	60.47	74	-13.53	PK
Vertical	17100.158	49.37	-3.92	45.45	54	-8.55	AV
Horizontal	4739.037	73.13	-20.12	53.00	74	-21.00	PK
Horizontal	4739.037	59.30	-20.12	39.18	54	-14.82	AV
Horizontal	11400.145	65.00	-8.72	56.28	68.2	-11.92	PK
Horizontal	11400.145	49.15	-8.72	40.43	54	-13.57	AV
Horizontal	17100.118	64.74	-3.92	60.82	74	-13.18	PK
Horizontal	17100.118	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) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.060	73.61	-20.73	52.88	68.2	-15.32	PK
Vertical	4434.060	59.97	-20.73	39.24	54	-14.76	AV
Vertical	11000.051	62.32	-8.40	53.92	68.2	-14.28	PK
Vertical	11000.051	49.49	-8.40	41.09	54	-12.91	AV
Vertical	16500.037	60.33	-6.09	54.24	74	-19.76	PK
Vertical	16500.037	49.81	-6.09	43.72	54	-10.28	AV
Horizontal	4434.073	73.29	-20.73	52.56	68.2	-15.64	PK
Horizontal	4434.073	59.20	-20.73	38.46	54	-15.54	AV
Horizontal	11000.114	64.25	-8.40	55.85	68.2	-12.35	PK
Horizontal	11000.114	49.57	-8.40	41.17	54	-12.83	AV
Horizontal	16500.048	63.38	-6.09	57.29	74	-16.71	PK
Horizontal	16500.048	49.11	-6.09	43.02	54	-10.98	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.046	70.25	-20.42	49.83	74	-24.17	PK
Vertical	4592.046	59.07	-20.42	38.65	54	-15.35	AV
Vertical	11160.143	62.56	-8.53	54.03	68.2	-14.17	PK
Vertical	11160.143	49.13	-8.53	40.60	54	-13.40	AV
Vertical	16740.036	60.85	-5.31	55.54	74	-18.46	PK
Vertical	16740.036	49.73	-5.31	44.42	54	-9.58	AV
Horizontal	4592.193	72.27	-20.42	51.85	74	-22.15	PK
Horizontal	4592.193	59.35	-20.42	38.93	54	-15.07	AV
Horizontal	11160.094	61.60	-8.53	53.07	68.2	-15.13	PK
Horizontal	11160.094	49.80	-8.53	41.27	54	-12.73	AV
Horizontal	16740.196	60.94	-5.31	55.63	74	-18.37	PK
Horizontal	16740.196	49.30	-5.31	43.99	54	-10.01	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.139	72.65	-20.12	52.52	74	-21.48	PK
Vertical	4739.139	59.98	-20.12	39.86	54	-14.14	AV
Vertical	11400.077	61.33	-8.72	52.61	68.2	-15.59	PK
Vertical	11400.077	49.29	-8.72	40.57	54	-13.43	AV
Vertical	17100.033	63.07	-3.92	59.15	74	-14.85	PK
Vertical	17100.033	49.37	-3.92	45.45	54	-8.55	AV
Horizontal	4739.180	70.14	-20.12	50.01	74	-23.99	PK
Horizontal	4739.180	59.33	-20.12	39.21	54	-14.79	AV
Horizontal	11400.092	60.67	-8.72	51.95	68.2	-16.25	PK
Horizontal	11400.092	49.60	-8.72	40.88	54	-13.12	AV
Horizontal	17100.020	60.78	-3.92	56.86	74	-17.14	PK
Horizontal	17100.020	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) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.021	70.06	-20.73	49.33	68.2	-18.87	PK
Vertical	4434.021	59.53	-20.73	38.80	54	-15.20	AV
Vertical	11000.111	64.89	-8.40	56.49	68.2	-11.71	PK
Vertical	11000.111	49.27	-8.40	40.87	54	-13.13	AV
Vertical	16500.192	62.65	-6.09	56.56	74	-17.44	PK
Vertical	16500.192	49.81	-6.09	43.72	54	-10.28	AV
Horizontal	4434.185	72.98	-20.73	52.25	68.2	-15.95	PK
Horizontal	4434.185	59.13	-20.73	38.40	54	-15.60	AV
Horizontal	11000.088	64.39	-8.40	55.99	68.2	-12.21	PK
Horizontal	11000.088	49.98	-8.40	41.58	54	-12.42	AV
Horizontal	16500.165	63.91	-6.09	57.82	74	-16.18	PK
Horizontal	16500.165	49.71	-6.09	43.62	54	-10.38	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.083	74.64	-20.42	54.23	74	-19.77	PK
Vertical	4592.083	59.78	-20.42	39.36	54	-14.64	AV
Vertical	11160.061	64.10	-8.53	55.57	68.2	-12.63	PK
Vertical	11160.061	49.48	-8.53	40.95	54	-13.05	AV
Vertical	16740.101	61.70	-5.31	56.39	74	-17.61	PK
Vertical	16740.101	49.96	-5.31	44.65	54	-9.35	AV
Horizontal	4592.068	72.60	-20.42	52.18	74	-21.82	PK
Horizontal	4592.068	59.77	-20.42	39.35	54	-14.65	AV
Horizontal	11160.159	62.55	-8.53	54.02	68.2	-14.18	PK
Horizontal	11160.159	49.72	-8.53	41.19	54	-12.81	AV
Horizontal	16740.053	61.58	-5.31	56.27	74	-17.73	PK
Horizontal	16740.053	49.43	-5.31	44.12	54	-9.88	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.188	73.03	-20.12	52.91	74	-21.09	PK
Vertical	4739.188	59.73	-20.12	39.60	54	-14.40	AV
Vertical	11400.099	63.87	-8.72	55.15	68.2	-13.05	PK
Vertical	11400.099	49.88	-8.72	41.16	54	-12.84	AV
Vertical	17100.143	60.11	-3.92	56.19	74	-17.81	PK
Vertical	17100.143	49.14	-3.92	45.22	54	-8.78	AV
Horizontal	4739.117	72.28	-20.12	52.16	74	-21.84	PK
Horizontal	4739.117	59.16	-20.12	39.04	54	-14.96	AV
Horizontal	11400.105	61.05	-8.72	52.33	68.2	-15.87	PK
Horizontal	11400.105	49.67	-8.72	40.95	54	-13.05	AV
Horizontal	17100.190	62.22	-3.92	58.30	74	-15.70	PK
Horizontal	17100.190	49.76	-3.92	45.84	54	-8.16	AV

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

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

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

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

Test Mode:	TX(5.6G) - 802.11ax-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.021	73.10	-20.73	52.36	68.2	-15.84	PK
Vertical	4434.021	59.28	-20.73	38.55	54	-15.45	AV
Vertical	11000.111	64.10	-8.40	55.70	68.2	-12.50	PK
Vertical	11000.111	49.55	-8.40	41.15	54	-12.85	AV
Vertical	16500.192	62.82	-6.09	56.73	74	-17.27	PK
Vertical	16500.192	49.61	-6.09	43.52	54	-10.48	AV
Horizontal	4434.185	74.91	-20.73	54.18	68.2	-14.02	PK
Horizontal	4434.185	59.34	-20.73	38.60	54	-15.40	AV
Horizontal	11000.088	60.83	-8.40	52.43	68.2	-15.77	PK
Horizontal	11000.088	49.39	-8.40	40.99	54	-13.01	AV
Horizontal	16500.165	62.72	-6.09	56.63	74	-17.37	PK
Horizontal	16500.165	49.73	-6.09	43.64	54	-10.36	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.083	71.99	-20.42	51.57	74	-22.43	PK
Vertical	4592.083	59.63	-20.42	39.21	54	-14.79	AV
Vertical	11160.061	63.24	-8.53	54.71	68.2	-13.49	PK
Vertical	11160.061	49.37	-8.53	40.84	54	-13.16	AV
Vertical	16740.101	64.78	-5.31	59.47	74	-14.53	PK
Vertical	16740.101	49.39	-5.31	44.08	54	-9.92	AV
Horizontal	4592.068	74.63	-20.42	54.22	74	-19.78	PK
Horizontal	4592.068	59.97	-20.42	39.55	54	-14.45	AV
Horizontal	11160.159	63.10	-8.53	54.57	68.2	-13.63	PK
Horizontal	11160.159	49.78	-8.53	41.25	54	-12.75	AV
Horizontal	16740.053	60.15	-5.31	54.84	74	-19.16	PK
Horizontal	16740.053	49.22	-5.31	43.91	54	-10.09	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.188	70.73	-20.12	50.61	74	-23.39	PK
Vertical	4739.188	59.54	-20.12	39.42	54	-14.58	AV
Vertical	11400.099	63.41	-8.72	54.69	68.2	-13.51	PK
Vertical	11400.099	49.34	-8.72	40.62	54	-13.38	AV
Vertical	17100.143	62.53	-3.92	58.61	74	-15.39	PK
Vertical	17100.143	49.06	-3.92	45.14	54	-8.86	AV
Horizontal	4739.117	71.53	-20.12	51.40	74	-22.60	PK
Horizontal	4739.117	59.92	-20.12	39.80	54	-14.20	AV
Horizontal	11400.105	62.43	-8.72	53.71	68.2	-14.49	PK
Horizontal	11400.105	49.31	-8.72	40.59	54	-13.41	AV
Horizontal	17100.190	62.85	-3.92	58.93	74	-15.07	PK
Horizontal	17100.190	49.37	-3.92	45.45	54	-8.55	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(5.8G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.092	73.93	-20.24	53.69	74	-20.31	PK
Vertical	4679.092	59.08	-20.24	38.84	54	-15.16	AV
Vertical	11490.048	60.78	-8.79	51.99	68.2	-16.21	PK
Vertical	11490.048	49.28	-8.79	40.49	54	-13.51	AV
Vertical	17235.043	57.62	-3.18	54.44	68.2	-13.76	PK
Vertical	17235.043	44.32	-3.18	41.14	54	-12.86	AV
Horizontal	4679.176	73.04	-20.73	52.31	74	-21.69	PK
Horizontal	4679.176	59.86	-20.73	39.13	54	-14.87	AV
Horizontal	11490.056	62.78	-8.79	53.99	68.2	-14.21	PK
Horizontal	11490.056	49.53	-8.79	40.74	54	-13.26	AV
Horizontal	17235.192	58.17	-3.18	54.99	68.2	-13.21	PK
Horizontal	17235.192	44.16	-3.18	40.98	54	-13.02	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.197	70.92	-20.42	50.51	74	-23.49	PK
Vertical	4592.197	59.43	-20.42	39.02	54	-14.98	AV
Vertical	11570.035	61.30	-8.86	52.44	68.2	-15.76	PK
Vertical	11570.035	49.67	-8.86	40.81	54	-13.19	AV
Vertical	17355.108	59.96	-2.52	57.44	68.2	-10.76	PK
Vertical	17355.108	44.98	-2.52	42.46	54	-11.54	AV
Horizontal	4592.029	72.11	-20.42	51.70	74	-22.30	PK
Horizontal	4592.029	59.41	-20.42	38.99	54	-15.01	AV
Horizontal	11570.189	62.18	-8.86	53.32	68.2	-14.88	PK
Horizontal	11570.189	49.06	-8.86	40.20	54	-13.80	AV
Horizontal	17355.029	56.43	-2.52	53.91	68.2	-14.29	PK
Horizontal	17355.029	44.31	-2.52	41.79	54	-12.21	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.169	70.01	-18.93	51.08	68.2	-17.12	PK
Vertical	6039.169	59.03	-18.93	40.10	54	-13.90	AV
Vertical	11650.058	61.33	-8.92	52.41	74	-21.59	PK
Vertical	11650.058	49.50	-8.92	40.58	54	-13.42	AV
Vertical	17475.112	57.54	-1.86	55.68	68.2	-12.52	PK
Vertical	17475.112	44.13	-1.86	42.27	54	-11.73	AV
Horizontal	6039.118	70.49	-18.93	51.56	68.2	-16.64	PK
Horizontal	6039.118	59.79	-18.93	40.86	54	-13.14	AV
Horizontal	11650.067	60.71	-8.92	51.79	74	-22.21	PK
Horizontal	11650.067	49.30	-8.92	40.38	54	-13.62	AV
Horizontal	17475.190	56.47	-1.86	54.61	68.2	-13.59	PK
Horizontal	17475.190	44.25	-1.86	42.39	54	-11.61	AV

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

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

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

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

Test Mode:	TX(5.8G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.049	74.39	-20.24	54.14	74	-19.86	PK
Vertical	4679.049	59.77	-20.24	39.53	54	-14.47	AV
Vertical	11490.074	64.51	-8.79	55.72	68.2	-12.48	PK
Vertical	11490.074	49.61	-8.79	40.82	54	-13.18	AV
Vertical	17235.175	59.45	-3.18	56.27	68.2	-11.93	PK
Vertical	17235.175	44.18	-3.18	41.00	54	-13.00	AV
Horizontal	4679.133	73.89	-20.24	53.65	74	-20.35	PK
Horizontal	4679.133	59.12	-20.24	38.88	54	-15.12	AV
Horizontal	11490.089	62.22	-8.79	53.43	68.2	-14.77	PK
Horizontal	11490.089	49.45	-8.79	40.66	54	-13.34	AV
Horizontal	17235.129	60.00	-3.18	56.82	68.2	-11.38	PK
Horizontal	17235.129	44.20	-3.18	41.02	54	-12.98	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.193	71.90	-20.42	51.48	74	-22.52	PK
Vertical	4592.193	59.88	-20.42	39.46	54	-14.54	AV
Vertical	11570.127	60.33	-8.86	51.47	68.2	-16.73	PK
Vertical	11570.127	49.81	-8.86	40.95	54	-13.05	AV
Vertical	17355.191	55.37	-2.52	52.85	68.2	-15.35	PK
Vertical	17355.191	44.35	-2.52	41.83	54	-12.17	AV
Horizontal	4592.022	71.58	-20.42	51.17	74	-22.83	PK
Horizontal	4592.022	59.33	-20.42	38.91	54	-15.09	AV
Horizontal	11570.062	60.05	-8.86	51.19	68.2	-17.01	PK
Horizontal	11570.062	49.06	-8.86	40.20	54	-13.80	AV
Horizontal	17355.054	58.45	-2.52	55.93	68.2	-12.27	PK
Horizontal	17355.054	44.75	-2.52	42.23	54	-11.77	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.130	72.32	-18.93	53.39	68.2	-14.81	PK
Vertical	6039.130	59.59	-18.93	40.66	54	-13.34	AV
Vertical	11650.163	61.71	-8.92	52.79	74	-21.21	PK
Vertical	11650.163	49.96	-8.92	41.04	54	-12.96	AV
Vertical	17475.051	55.74	-1.86	53.88	68.2	-14.32	PK
Vertical	17475.051	44.29	-1.86	42.43	54	-11.57	AV
Horizontal	6039.138	71.25	-18.93	52.32	68.2	-15.88	PK
Horizontal	6039.138	59.35	-18.93	40.41	54	-13.59	AV
Horizontal	11650.086	61.70	-8.92	52.78	74	-21.22	PK
Horizontal	11650.086	49.71	-8.92	40.79	54	-13.21	AV
Horizontal	17475.154	56.59	-1.86	54.73	68.2	-13.47	PK
Horizontal	17475.154	44.46	-1.86	42.60	54	-11.40	AV

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

Test Mode:	TX(5.8G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.183	73.36	-20.24	53.12	74	-20.88	PK
Vertical	4679.183	59.39	-20.24	39.14	54	-14.86	AV
Vertical	11490.177	62.40	-8.79	53.61	68.2	-14.59	PK
Vertical	11490.177	49.18	-8.79	40.39	54	-13.61	AV
Vertical	17235.176	58.14	-3.18	54.96	68.2	-13.24	PK
Vertical	17235.176	44.17	-3.18	40.99	54	-13.01	AV
Horizontal	4679.113	72.55	-20.24	52.31	74	-21.69	PK
Horizontal	4679.113	59.12	-20.24	38.88	54	-15.12	AV
Horizontal	11490.177	64.10	-8.79	55.31	68.2	-12.89	PK
Horizontal	11490.177	49.03	-8.79	40.24	54	-13.76	AV
Horizontal	17235.187	58.12	-3.18	54.94	68.2	-13.26	PK
Horizontal	17235.187	44.33	-3.18	41.15	54	-12.85	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.138	70.06	-20.42	49.64	74	-24.36	PK
Vertical	4592.138	59.42	-20.42	39.00	54	-15.00	AV
Vertical	11570.200	63.87	-8.86	55.01	68.2	-13.19	PK
Vertical	11570.200	49.24	-8.86	40.38	54	-13.62	AV
Vertical	17355.197	58.55	-2.52	56.03	68.2	-12.17	PK
Vertical	17355.197	44.29	-2.52	41.77	54	-12.23	AV
Horizontal	4592.199	72.92	-20.42	52.50	74	-21.50	PK
Horizontal	4592.199	59.53	-20.42	39.11	54	-14.89	AV
Horizontal	11570.077	62.49	-8.86	53.63	68.2	-14.57	PK
Horizontal	11570.077	49.04	-8.86	40.18	54	-13.82	AV
Horizontal	17355.088	55.34	-2.52	52.82	68.2	-15.38	PK
Horizontal	17355.088	44.51	-2.52	41.99	54	-12.01	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.188	72.83	-18.93	53.90	68.2	-14.30	PK
Vertical	6039.188	59.73	-18.93	40.80	54	-13.20	AV
Vertical	11650.115	63.67	-8.92	54.75	74	-19.25	PK
Vertical	11650.115	49.82	-8.92	40.90	54	-13.10	AV
Vertical	17475.028	55.61	-1.86	53.75	68.2	-14.45	PK
Vertical	17475.028	44.42	-1.86	42.56	54	-11.44	AV
Horizontal	6039.176	71.43	-18.93	52.50	68.2	-15.70	PK
Horizontal	6039.176	59.48	-18.93	40.55	54	-13.45	AV
Horizontal	11650.123	60.93	-8.92	52.01	74	-21.99	PK
Horizontal	11650.123	49.48	-8.92	40.56	54	-13.44	AV
Horizontal	17475.060	57.47	-1.86	55.61	68.2	-12.59	PK
Horizontal	17475.060	44.93	-1.86	43.07	54	-10.93	AV

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

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

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

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

Test Mode:	TX(5.8G) - 802.11ax-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.183	74.59	-20.24	54.35	74	-19.65	PK
Vertical	4679.183	59.28	-20.24	39.04	54	-14.96	AV
Vertical	11490.177	60.08	-8.79	51.29	68.2	-16.91	PK
Vertical	11490.177	49.33	-8.79	40.54	54	-13.46	AV
Vertical	17235.176	55.61	-3.18	52.43	68.2	-15.77	PK
Vertical	17235.176	44.56	-3.18	41.38	54	-12.62	AV
Horizontal	4679.113	72.29	-20.73	51.56	74	-22.44	PK
Horizontal	4679.113	59.38	-20.73	38.65	54	-15.35	AV
Horizontal	11490.177	64.86	-8.79	56.07	68.2	-12.13	PK
Horizontal	11490.177	49.69	-8.79	40.90	54	-13.10	AV
Horizontal	17235.187	56.85	-3.18	53.67	68.2	-14.53	PK
Horizontal	17235.187	44.32	-3.18	41.14	54	-12.86	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.138	71.50	-20.42	51.08	74	-22.92	PK
Vertical	4592.138	59.79	-20.42	39.38	54	-14.62	AV
Vertical	11570.200	60.56	-8.86	51.70	68.2	-16.50	PK
Vertical	11570.200	49.66	-8.86	40.80	54	-13.20	AV
Vertical	17355.197	55.51	-2.52	52.99	68.2	-15.21	PK
Vertical	17355.197	44.01	-2.52	41.49	54	-12.51	AV
Horizontal	4592.199	74.35	-20.42	53.94	74	-20.06	PK
Horizontal	4592.199	59.44	-20.42	39.02	54	-14.98	AV
Horizontal	11570.077	62.15	-8.86	53.29	68.2	-14.91	PK
Horizontal	11570.077	49.91	-8.86	41.05	54	-12.95	AV
Horizontal	17355.088	55.10	-2.52	52.58	68.2	-15.62	PK
Horizontal	17355.088	44.12	-2.52	41.60	54	-12.40	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.188	70.65	-18.93	51.71	68.2	-16.49	PK
Vertical	6039.188	59.42	-18.93	40.49	54	-13.51	AV
Vertical	11650.115	60.50	-8.92	51.58	74	-22.42	PK
Vertical	11650.115	49.43	-8.92	40.51	54	-13.49	AV
Vertical	17475.028	58.10	-1.86	56.24	68.2	-11.96	PK
Vertical	17475.028	44.60	-1.86	42.74	54	-11.26	AV
Horizontal	6039.176	70.73	-18.93	51.80	68.2	-16.40	PK
Horizontal	6039.176	59.67	-18.93	40.74	54	-13.26	AV
Horizontal	11650.123	60.23	-8.92	51.31	74	-22.69	PK
Horizontal	11650.123	49.83	-8.92	40.91	54	-13.09	AV
Horizontal	17475.060	59.20	-1.86	57.34	68.2	-10.86	PK
Horizontal	17475.060	44.01	-1.86	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.

Between 1GHz – 40GHz(The worst case)

Test Mode:	TX(5.1G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.065	73.68	-20.73	52.95	68.2	-15.25	PK
Vertical	4434.065	59.04	-20.73	38.31	54	-15.69	AV
Vertical	10360.060	62.67	-9.36	53.31	68.2	-14.89	PK
Vertical	10360.060	49.63	-9.36	40.27	54	-13.73	AV
Vertical	15540.121	63.32	-7.84	55.48	74	-18.52	PK
Vertical	15540.121	49.99	-7.84	42.15	54	-11.85	AV
Horizontal	4434.139	73.14	-20.73	52.41	68.2	-15.79	PK
Horizontal	4434.139	59.84	-20.73	39.11	54	-14.89	AV
Horizontal	10360.122	64.43	-9.36	55.07	68.2	-13.13	PK
Horizontal	10360.122	49.95	-9.36	40.59	54	-13.41	AV
Horizontal	15540.154	64.66	-7.84	56.82	74	-17.18	PK
Horizontal	15540.154	49.43	-7.84	41.59	54	-12.41	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.065	74.18	-20.42	53.76	74	-20.24	PK
Vertical	4592.065	59.66	-20.42	39.24	54	-14.76	AV
Vertical	10400.070	60.97	-9.30	51.67	68.2	-16.53	PK
Vertical	10400.070	49.34	-9.30	40.04	54	-13.96	AV
Vertical	15600.045	61.88	-7.82	54.06	74	-19.94	PK
Vertical	15600.045	49.32	-7.82	41.50	54	-12.50	AV
Horizontal	4592.118	74.78	-20.42	54.36	74	-19.64	PK
Horizontal	4592.118	59.23	-20.42	38.82	54	-15.18	AV
Horizontal	10400.010	64.21	-9.30	54.91	68.2	-13.29	PK
Horizontal	10400.010	49.40	-9.30	40.10	54	-13.90	AV
Horizontal	15600.185	62.38	-7.82	54.56	74	-19.44	PK
Horizontal	15600.185	49.50	-7.82	41.68	54	-12.32	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.055	73.62	-20.12	53.50	74	-20.50	PK
Vertical	4739.055	59.23	-20.12	39.10	54	-14.90	AV
Vertical	10480.054	61.16	-9.18	51.98	68.2	-16.22	PK
Vertical	10480.054	49.80	-9.18	40.62	54	-13.38	AV
Vertical	15720.065	62.70	-7.78	54.92	74	-19.08	PK
Vertical	15720.065	49.69	-7.78	41.91	54	-12.09	AV
Horizontal	4739.016	74.63	-20.12	54.51	74	-19.49	PK
Horizontal	4739.016	59.21	-20.12	39.09	54	-14.91	AV
Horizontal	10480.198	61.56	-9.18	52.38	68.2	-15.82	PK
Horizontal	10480.198	49.15	-9.18	39.97	54	-14.03	AV
Horizontal	15720.175	63.30	-7.78	55.52	74	-18.48	PK
Horizontal	15720.175	49.85	-7.78	42.07	54	-11.93	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(5.1G) - 802.11n-HT20
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Polar (H/V)	Fre- quency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Measure- ment (dBuV/m)	Limits (dBuV/m)	Over (dB)	Detector Type
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.084	71.05	-20.73	50.31	68.2	-17.89	PK
Vertical	4434.084	59.06	-20.73	38.33	54	-15.67	AV
Vertical	10360.185	64.46	-9.36	55.10	68.2	-13.10	PK
Vertical	10360.185	49.00	-9.36	39.64	54	-14.36	AV
Vertical	15540.196	63.63	-7.84	55.79	74	-18.21	PK
Vertical	15540.196	49.44	-7.84	41.60	54	-12.40	AV
Horizontal	4434.023	71.17	-20.73	50.44	68.2	-17.76	PK
Horizontal	4434.023	59.48	-20.73	38.75	54	-15.25	AV
Horizontal	10360.002	60.04	-9.36	50.68	68.2	-17.52	PK
Horizontal	10360.002	49.47	-9.36	40.11	54	-13.89	AV
Horizontal	15540.050	60.92	-7.84	53.08	74	-20.92	PK
Horizontal	15540.050	49.74	-7.84	41.90	54	-12.10	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.138	70.57	-20.42	50.16	74	-23.84	PK
Vertical	4592.138	59.47	-20.42	39.05	54	-14.95	AV
Vertical	10400.055	61.00	-9.30	51.70	68.2	-16.50	PK
Vertical	10400.055	49.47	-9.30	40.17	54	-13.83	AV
Vertical	15600.139	63.56	-7.82	55.74	74	-18.26	PK
Vertical	15600.139	49.19	-7.82	41.37	54	-12.63	AV
Horizontal	4592.183	70.29	-20.42	49.88	74	-24.12	PK
Horizontal	4592.183	59.70	-20.42	39.28	54	-14.72	AV
Horizontal	10400.028	61.04	-9.30	51.74	68.2	-16.46	PK
Horizontal	10400.028	49.74	-9.30	40.44	54	-13.56	AV
Horizontal	15600.129	62.10	-7.82	54.28	74	-19.72	PK
Horizontal	15600.129	49.17	-7.82	41.35	54	-12.65	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.024	72.99	-20.12	52.87	74	-21.13	PK
Vertical	4739.024	59.18	-20.12	39.06	54	-14.94	AV
Vertical	10480.027	62.79	-9.18	53.61	68.2	-14.59	PK
Vertical	10480.027	49.92	-9.18	40.74	54	-13.26	AV
Vertical	15720.193	63.78	-7.78	56.00	74	-18.00	PK
Vertical	15720.193	49.22	-7.78	41.44	54	-12.56	AV
Horizontal	4739.152	71.91	-20.12	51.79	74	-22.21	PK
Horizontal	4739.152	59.68	-20.12	39.55	54	-14.45	AV
Horizontal	10480.120	64.63	-9.18	55.45	68.2	-12.75	PK
Horizontal	10480.120	49.34	-9.18	40.16	54	-13.84	AV
Horizontal	15720.086	64.61	-7.78	56.83	74	-17.17	PK
Horizontal	15720.086	49.96	-7.78	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(5.1G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.076	74.94	-20.73	54.21	68.2	-13.99	PK
Vertical	4434.076	59.45	-20.73	38.72	54	-15.28	AV
Vertical	10360.104	64.50	-9.36	55.14	68.2	-13.06	PK
Vertical	10360.104	49.69	-9.36	40.33	54	-13.67	AV
Vertical	15540.067	63.41	-7.84	55.57	74	-18.43	PK
Vertical	15540.067	49.39	-7.84	41.55	54	-12.45	AV
Horizontal	4434.183	74.37	-20.73	53.64	68.2	-14.56	PK
Horizontal	4434.183	59.02	-20.73	38.29	54	-15.71	AV
Horizontal	10360.143	62.76	-9.36	53.40	68.2	-14.80	PK
Horizontal	10360.143	49.43	-9.36	40.07	54	-13.93	AV
Horizontal	15540.159	61.43	-7.84	53.59	74	-20.41	PK
Horizontal	15540.159	49.29	-7.84	41.45	54	-12.55	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.162	71.43	-20.42	51.02	74	-22.98	PK
Vertical	4592.162	59.26	-20.42	38.84	54	-15.16	AV
Vertical	10400.037	64.12	-9.30	54.82	68.2	-13.38	PK
Vertical	10400.037	49.07	-9.30	39.77	54	-14.23	AV
Vertical	15600.107	62.34	-7.82	54.52	74	-19.48	PK
Vertical	15600.107	49.06	-7.82	41.24	54	-12.76	AV
Horizontal	4592.083	71.26	-20.42	50.85	74	-23.15	PK
Horizontal	4592.083	59.43	-20.42	39.01	54	-14.99	AV
Horizontal	10400.199	62.80	-9.30	53.50	68.2	-14.70	PK
Horizontal	10400.199	49.10	-9.30	39.80	54	-14.20	AV
Horizontal	15600.180	62.47	-7.82	54.65	74	-19.35	PK
Horizontal	15600.180	49.90	-7.82	42.08	54	-11.92	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.139	73.61	-20.12	53.49	74	-20.51	PK
Vertical	4739.139	59.07	-20.12	38.95	54	-15.05	AV
Vertical	10480.161	61.57	-9.18	52.39	68.2	-15.81	PK
Vertical	10480.161	49.14	-9.18	39.96	54	-14.04	AV
Vertical	15720.041	60.94	-7.78	53.16	74	-20.84	PK
Vertical	15720.041	49.63	-7.78	41.85	54	-12.15	AV
Horizontal	4739.150	74.65	-20.12	54.53	74	-19.47	PK
Horizontal	4739.150	59.90	-20.12	39.77	54	-14.23	AV
Horizontal	10480.167	61.76	-9.18	52.58	68.2	-15.62	PK
Horizontal	10480.167	49.57	-9.18	40.39	54	-13.61	AV
Horizontal	15720.025	64.88	-7.78	57.10	74	-16.90	PK
Horizontal	15720.025	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) - 802.11ax-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 (5180 MHz)-Above 1G							
Vertical	4434.01	71.03	-20.73	50.30	68.2	-17.90	PK
Vertical	4434.01	59.26	-20.73	38.52	54	-15.48	AV
Vertical	10360.19	64.09	-9.36	54.73	68.2	-13.47	PK
Vertical	10360.19	49.94	-9.36	40.58	54	-13.42	AV
Vertical	15540.17	62.12	-7.84	54.28	74	-19.72	PK
Vertical	15540.17	49.35	-7.84	41.51	54	-12.49	AV
Horizontal	4434.13	72.04	-20.73	51.31	68.2	-16.89	PK
Horizontal	4434.13	59.17	-20.73	38.44	54	-15.56	AV
Horizontal	10360.18	64.33	-9.36	54.97	68.2	-13.23	PK
Horizontal	10360.18	49.84	-9.36	40.48	54	-13.52	AV
Horizontal	15540.02	61.85	-7.84	54.01	74	-19.99	PK
Horizontal	15540.02	49.93	-7.84	42.09	54	-11.91	AV
middle Channel (5200 MHz)-Above 1G							
Vertical	4592.02	72.19	-20.42	51.77	74	-22.23	PK
Vertical	4592.02	59.30	-20.42	38.89	54	-15.11	AV
Vertical	10400.04	63.77	-9.30	54.47	68.2	-13.73	PK
Vertical	10400.04	49.20	-9.30	39.90	54	-14.10	AV
Vertical	15600.15	62.13	-7.82	54.31	74	-19.69	PK
Vertical	15600.15	49.79	-7.82	41.97	54	-12.03	AV
Horizontal	4592.14	72.03	-20.42	51.61	74	-22.39	PK
Horizontal	4592.14	59.63	-20.42	39.21	54	-14.79	AV
Horizontal	10400.08	63.92	-9.30	54.62	68.2	-13.58	PK
Horizontal	10400.08	49.53	-9.30	40.23	54	-13.77	AV
Horizontal	15600.03	61.63	-7.82	53.81	74	-20.19	PK
Horizontal	15600.03	49.15	-7.82	41.33	54	-12.67	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.14	74.68	-20.12	54.56	74	-19.44	PK
Vertical	4739.14	59.15	-20.12	39.03	54	-14.97	AV
Vertical	10480.19	63.23	-9.18	54.05	68.2	-14.15	PK
Vertical	10480.19	49.72	-9.18	40.54	54	-13.46	AV
Vertical	15720.08	63.74	-7.78	55.96	74	-18.04	PK
Vertical	15720.08	49.21	-7.78	41.43	54	-12.57	AV
Horizontal	4739.09	70.23	-20.12	50.11	74	-23.89	PK
Horizontal	4739.09	59.97	-20.12	39.85	54	-14.15	AV
Horizontal	10480.19	64.82	-9.18	55.64	68.2	-12.56	PK
Horizontal	10480.19	50.00	-9.18	40.82	54	-13.18	AV
Horizontal	15720.01	63.62	-7.78	55.84	74	-18.16	PK
Horizontal	15720.01	49.58	-7.78	41.80	54	-12.20	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(5.3G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.189	74.37	-20.73	53.64	68.2	-14.56	PK
Vertical	4434.189	59.80	-20.73	39.07	54	-14.93	AV
Vertical	10520.099	62.81	-9.12	53.69	68.2	-14.51	PK
Vertical	10520.099	49.83	-9.12	40.71	54	-13.29	AV
Vertical	15780.131	63.34	-7.77	55.57	74	-18.43	PK
Vertical	15780.131	49.69	-7.77	41.92	54	-12.08	AV
Horizontal	4434.105	73.25	-20.73	52.52	68.2	-15.68	PK
Horizontal	4434.105	59.99	-20.73	39.26	54	-14.74	AV
Horizontal	10520.114	60.78	-9.12	51.66	68.2	-16.54	PK
Horizontal	10520.114	49.91	-9.12	40.79	54	-13.21	AV
Horizontal	15780.045	65.00	-7.77	57.23	74	-16.77	PK
Horizontal	15780.045	49.30	-7.77	41.53	54	-12.47	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.079	73.27	-20.42	52.86	74	-21.14	PK
Vertical	4592.079	59.76	-20.42	39.34	54	-14.66	AV
Vertical	10560.084	63.89	-9.06	54.83	68.2	-13.37	PK
Vertical	10560.084	49.48	-9.06	40.42	54	-13.58	AV
Vertical	15840.134	64.74	-7.75	56.99	74	-17.01	PK
Vertical	15840.134	49.67	-7.75	41.92	54	-12.08	AV
Horizontal	4592.146	71.40	-20.42	50.98	74	-23.02	PK
Horizontal	4592.146	59.94	-20.42	39.52	54	-14.48	AV
Horizontal	10560.010	60.49	-9.06	51.43	68.2	-16.77	PK
Horizontal	10560.010	49.65	-9.06	40.59	54	-13.41	AV
Horizontal	15840.179	61.80	-7.75	54.05	74	-19.95	PK
Horizontal	15840.179	49.34	-7.75	41.59	54	-12.41	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.099	71.88	-20.12	51.76	74	-22.24	PK
Vertical	4739.099	59.39	-20.12	39.27	54	-14.73	AV
Vertical	10640.104	62.09	-8.94	53.15	68.2	-15.05	PK
Vertical	10640.104	49.38	-8.94	40.44	54	-13.56	AV
Vertical	15960.092	60.64	-7.71	52.93	74	-21.07	PK
Vertical	15960.092	49.49	-7.71	41.78	54	-12.22	AV
Horizontal	4739.042	71.10	-20.12	50.98	74	-23.02	PK
Horizontal	4739.042	59.24	-20.12	39.12	54	-14.88	AV
Horizontal	10640.158	60.68	-8.94	51.74	68.2	-16.46	PK
Horizontal	10640.158	49.92	-8.94	40.98	54	-13.02	AV
Horizontal	15960.049	62.28	-7.71	54.57	74	-19.43	PK
Horizontal	15960.049	49.37	-7.71	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) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.130	74.63	-20.73	53.90	68.2	-14.30	PK
Vertical	4434.130	59.24	-20.73	38.51	54	-15.49	AV
Vertical	10520.153	63.04	-9.12	53.92	68.2	-14.28	PK
Vertical	10520.153	49.13	-9.12	40.01	54	-13.99	AV
Vertical	15780.156	64.28	-7.77	56.51	74	-17.49	PK
Vertical	15780.156	49.37	-7.77	41.60	54	-12.40	AV
Horizontal	4434.040	74.72	-20.73	53.99	68.2	-14.21	PK
Horizontal	4434.040	59.16	-20.73	38.43	54	-15.57	AV
Horizontal	10520.169	61.27	-9.12	52.15	68.2	-16.05	PK
Horizontal	10520.169	49.01	-9.12	39.89	54	-14.11	AV
Horizontal	15780.033	62.64	-7.77	54.87	74	-19.13	PK
Horizontal	15780.033	49.58	-7.77	41.81	54	-12.19	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.137	74.13	-20.42	53.72	74	-20.28	PK
Vertical	4592.137	59.65	-20.42	39.23	54	-14.77	AV
Vertical	10560.149	63.35	-9.06	54.29	68.2	-13.91	PK
Vertical	10560.149	49.99	-9.06	40.93	54	-13.07	AV
Vertical	15840.064	60.74	-7.75	52.99	74	-21.01	PK
Vertical	15840.064	49.98	-7.75	42.23	54	-11.77	AV
Horizontal	4592.143	74.00	-20.42	53.58	74	-20.42	PK
Horizontal	4592.143	59.79	-20.42	39.37	54	-14.63	AV
Horizontal	10560.051	62.99	-9.06	53.93	68.2	-14.27	PK
Horizontal	10560.051	49.94	-9.06	40.88	54	-13.12	AV
Horizontal	15840.012	63.02	-7.75	55.27	74	-18.73	PK
Horizontal	15840.012	49.89	-7.75	42.14	54	-11.86	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.053	70.04	-20.12	49.92	74	-24.08	PK
Vertical	4739.053	59.86	-20.12	39.74	54	-14.26	AV
Vertical	10640.067	60.45	-8.94	51.51	68.2	-16.69	PK
Vertical	10640.067	49.45	-8.94	40.51	54	-13.49	AV
Vertical	15960.011	61.05	-7.71	53.34	74	-20.66	PK
Vertical	15960.011	49.39	-7.71	41.68	54	-12.32	AV
Horizontal	4739.112	70.05	-20.12	49.93	74	-24.07	PK
Horizontal	4739.112	59.64	-20.12	39.51	54	-14.49	AV
Horizontal	10640.078	62.92	-8.94	53.98	68.2	-14.22	PK
Horizontal	10640.078	49.81	-8.94	40.87	54	-13.13	AV
Horizontal	15960.068	62.58	-7.71	54.87	74	-19.13	PK
Horizontal	15960.068	49.78	-7.71	42.07	54	-11.93	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(5.3G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.094	71.00	-20.73	50.26	68.2	-17.94	PK
Vertical	4434.094	59.83	-20.73	39.10	54	-14.90	AV
Vertical	10520.136	64.90	-9.12	55.78	68.2	-12.42	PK
Vertical	10520.136	49.90	-9.12	40.78	54	-13.22	AV
Vertical	15780.197	62.70	-7.77	54.93	74	-19.07	PK
Vertical	15780.197	49.82	-7.77	42.05	54	-11.95	AV
Horizontal	4434.041	74.16	-20.73	53.43	68.2	-14.77	PK
Horizontal	4434.041	59.57	-20.73	38.84	54	-15.16	AV
Horizontal	10520.018	64.26	-9.12	55.14	68.2	-13.06	PK
Horizontal	10520.018	49.89	-9.12	40.77	54	-13.23	AV
Horizontal	15780.191	60.42	-7.77	52.65	74	-21.35	PK
Horizontal	15780.191	49.37	-7.77	41.60	54	-12.40	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.130	72.84	-20.42	52.43	74	-21.57	PK
Vertical	4592.130	59.98	-20.42	39.56	54	-14.44	AV
Vertical	10560.130	64.14	-9.06	55.08	68.2	-13.12	PK
Vertical	10560.130	49.25	-9.06	40.19	54	-13.81	AV
Vertical	15840.018	60.34	-7.75	52.59	74	-21.41	PK
Vertical	15840.018	49.23	-7.75	41.48	54	-12.52	AV
Horizontal	4592.156	73.67	-20.42	53.26	74	-20.74	PK
Horizontal	4592.156	59.71	-20.42	39.29	54	-14.71	AV
Horizontal	10560.067	61.29	-9.06	52.23	68.2	-15.97	PK
Horizontal	10560.067	49.50	-9.06	40.44	54	-13.56	AV
Horizontal	15840.149	60.50	-7.75	52.75	74	-21.25	PK
Horizontal	15840.149	49.31	-7.75	41.56	54	-12.44	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.035	71.36	-20.12	51.24	74	-22.76	PK
Vertical	4739.035	59.66	-20.12	39.54	54	-14.46	AV
Vertical	10640.109	63.12	-8.94	54.18	68.2	-14.02	PK
Vertical	10640.109	49.57	-8.94	40.63	54	-13.37	AV
Vertical	15960.044	60.23	-7.71	52.52	74	-21.48	PK
Vertical	15960.044	49.66	-7.71	41.95	54	-12.05	AV
Horizontal	4739.051	72.71	-20.12	52.59	74	-21.41	PK
Horizontal	4739.051	59.94	-20.12	39.81	54	-14.19	AV
Horizontal	10640.008	62.12	-8.94	53.18	68.2	-15.02	PK
Horizontal	10640.008	49.38	-8.94	40.44	54	-13.56	AV
Horizontal	15960.131	60.54	-7.71	52.83	74	-21.17	PK
Horizontal	15960.131	49.52	-7.71	41.81	54	-12.19	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11ax-HT20
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Polar	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	4434.03	72.99	-20.73	52.26	68.2	-15.94	PK
Vertical	4434.03	59.97	-20.73	39.24	54	-14.76	AV
Vertical	10520.09	61.31	-9.12	52.19	68.2	-16.01	PK
Vertical	10520.09	49.67	-9.12	40.55	54	-13.45	AV
Vertical	15780.14	63.06	-7.77	55.29	74	-18.71	PK
Vertical	15780.14	49.75	-7.77	41.98	54	-12.02	AV
Horizontal	4434.07	72.06	-20.73	51.33	68.2	-16.87	PK
Horizontal	4434.07	59.78	-20.73	39.05	54	-14.95	AV
Horizontal	10520.04	64.67	-9.12	55.55	68.2	-12.65	PK
Horizontal	10520.04	49.09	-9.12	39.97	54	-14.03	AV
Horizontal	15780.14	61.55	-7.77	53.78	74	-20.22	PK
Horizontal	15780.14	49.02	-7.77	41.25	54	-12.75	AV
middle Channel (5280 MHz)-Above 1G							
Vertical	4592.09	72.56	-20.42	52.15	74	-21.85	PK
Vertical	4592.09	59.40	-20.42	38.99	54	-15.01	AV
Vertical	10560.04	63.10	-9.06	54.04	68.2	-14.16	PK
Vertical	10560.04	49.90	-9.06	40.84	54	-13.16	AV
Vertical	15840.01	60.53	-7.75	52.78	74	-21.22	PK
Vertical	15840.01	49.15	-7.75	41.40	54	-12.60	AV
Horizontal	4592.07	70.97	-20.42	50.56	74	-23.44	PK
Horizontal	4592.07	59.82	-20.42	39.41	54	-14.59	AV
Horizontal	10560.01	64.82	-9.06	55.76	68.2	-12.44	PK
Horizontal	10560.01	49.73	-9.06	40.67	54	-13.33	AV
Horizontal	15840.10	64.71	-7.75	56.96	74	-17.04	PK
Horizontal	15840.10	49.62	-7.75	41.87	54	-12.13	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.05	70.63	-20.12	50.51	74	-23.49	PK
Vertical	4739.05	59.24	-20.12	39.12	54	-14.88	AV
Vertical	10640.16	63.02	-8.94	54.08	68.2	-14.12	PK
Vertical	10640.16	49.67	-8.94	40.73	54	-13.27	AV
Vertical	15960.06	64.23	-7.71	56.52	74	-17.48	PK
Vertical	15960.06	49.76	-7.71	42.05	54	-11.95	AV
Horizontal	4739.16	70.86	-20.12	50.74	74	-23.26	PK
Horizontal	4739.16	59.50	-20.12	39.38	54	-14.62	AV
Horizontal	10640.01	61.59	-8.94	52.65	68.2	-15.55	PK
Horizontal	10640.01	49.42	-8.94	40.48	54	-13.52	AV
Horizontal	15960.11	61.22	-7.71	53.51	74	-20.49	PK
Horizontal	15960.11	49.14	-7.71	41.43	54	-12.57	AV

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

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

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

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

Test Mode:	TX(5.6G) - 802.11a
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.172	72.53	-20.73	51.80	68.2	-16.40	PK
Vertical	4434.172	59.80	-20.73	39.06	54	-14.94	AV
Vertical	11000.175	63.49	-8.40	55.09	68.2	-13.11	PK
Vertical	11000.175	49.43	-8.40	41.03	54	-12.97	AV
Vertical	16500.077	64.19	-6.09	58.10	74	-15.90	PK
Vertical	16500.077	49.10	-6.09	43.01	54	-10.99	AV
Horizontal	4434.017	74.99	-20.73	54.25	68.2	-13.95	PK
Horizontal	4434.017	59.69	-20.73	38.96	54	-15.04	AV
Horizontal	11000.122	60.40	-8.40	52.00	68.2	-16.20	PK
Horizontal	11000.122	49.68	-8.40	41.28	54	-12.72	AV
Horizontal	16500.178	62.80	-6.09	56.71	74	-17.29	PK
Horizontal	16500.178	49.25	-6.09	43.16	54	-10.84	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.157	73.08	-20.42	52.66	74	-21.34	PK
Vertical	4592.157	59.61	-20.42	39.19	54	-14.81	AV
Vertical	11160.193	64.95	-8.53	56.42	68.2	-11.78	PK
Vertical	11160.193	49.60	-8.53	41.07	54	-12.93	AV
Vertical	16740.121	63.72	-5.31	58.41	74	-15.59	PK
Vertical	16740.121	49.40	-5.31	44.09	54	-9.91	AV
Horizontal	4592.082	72.14	-20.42	51.73	74	-22.27	PK
Horizontal	4592.082	59.60	-20.42	39.19	54	-14.81	AV
Horizontal	11160.010	63.69	-8.53	55.16	68.2	-13.04	PK
Horizontal	11160.010	49.11	-8.53	40.58	54	-13.42	AV
Horizontal	16740.108	62.28	-5.31	56.97	74	-17.03	PK
Horizontal	16740.108	49.06	-5.31	43.75	54	-10.25	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.056	70.36	-20.12	50.23	74	-23.77	PK
Vertical	4739.056	59.52	-20.12	39.39	54	-14.61	AV
Vertical	11400.048	64.78	-8.72	56.06	68.2	-12.14	PK
Vertical	11400.048	49.17	-8.72	40.45	54	-13.55	AV
Vertical	17100.100	62.86	-3.92	58.94	74	-15.06	PK
Vertical	17100.100	49.16	-3.92	45.24	54	-8.76	AV
Horizontal	4739.158	73.41	-20.12	53.29	74	-20.71	PK
Horizontal	4739.158	59.86	-20.12	39.74	54	-14.26	AV
Horizontal	11400.149	62.37	-8.72	53.65	68.2	-14.55	PK
Horizontal	11400.149	49.60	-8.72	40.88	54	-13.12	AV
Horizontal	17100.124	61.98	-3.92	58.06	74	-15.94	PK
Horizontal	17100.124	49.41	-3.92	45.49	54	-8.51	AV

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

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

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

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

Test Mode:	TX(5.6G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.160	74.04	-20.73	53.31	68.2	-14.89	PK
Vertical	4434.160	59.18	-20.73	38.45	54	-15.55	AV
Vertical	11000.159	62.80	-8.40	54.40	68.2	-13.80	PK
Vertical	11000.159	49.58	-8.40	41.18	54	-12.82	AV
Vertical	16500.138	62.78	-6.09	56.69	74	-17.31	PK
Vertical	16500.138	49.14	-6.09	43.05	54	-10.95	AV
Horizontal	4434.149	71.61	-20.73	50.88	68.2	-17.32	PK
Horizontal	4434.149	59.97	-20.73	39.24	54	-14.76	AV
Horizontal	11000.183	61.86	-8.40	53.46	68.2	-14.74	PK
Horizontal	11000.183	49.90	-8.40	41.50	54	-12.50	AV
Horizontal	16500.123	63.24	-6.09	57.15	74	-16.85	PK
Horizontal	16500.123	49.30	-6.09	43.21	54	-10.79	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.156	72.54	-20.42	52.12	74	-21.88	PK
Vertical	4592.156	59.88	-20.42	39.46	54	-14.54	AV
Vertical	11160.069	60.69	-8.53	52.16	68.2	-16.04	PK
Vertical	11160.069	49.56	-8.53	41.03	54	-12.97	AV
Vertical	16740.019	63.60	-5.31	58.29	74	-15.71	PK
Vertical	16740.019	49.67	-5.31	44.36	54	-9.64	AV
Horizontal	4592.029	70.05	-20.42	49.63	74	-24.37	PK
Horizontal	4592.029	59.89	-20.42	39.47	54	-14.53	AV
Horizontal	11160.174	63.52	-8.53	54.99	68.2	-13.21	PK
Horizontal	11160.174	50.00	-8.53	41.47	54	-12.53	AV
Horizontal	16740.174	63.16	-5.31	57.85	74	-16.15	PK
Horizontal	16740.174	49.39	-5.31	44.08	54	-9.92	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.148	71.28	-20.12	51.16	74	-22.84	PK
Vertical	4739.148	59.85	-20.12	39.73	54	-14.27	AV
Vertical	11400.103	62.09	-8.72	53.37	68.2	-14.83	PK
Vertical	11400.103	49.91	-8.72	41.19	54	-12.81	AV
Vertical	17100.056	60.34	-3.92	56.42	74	-17.58	PK
Vertical	17100.056	49.38	-3.92	45.46	54	-8.54	AV
Horizontal	4739.080	71.21	-20.12	51.09	74	-22.91	PK
Horizontal	4739.080	59.84	-20.12	39.71	54	-14.29	AV
Horizontal	11400.130	62.75	-8.72	54.03	68.2	-14.17	PK
Horizontal	11400.130	49.95	-8.72	41.23	54	-12.77	AV
Horizontal	17100.017	64.66	-3.92	60.74	74	-13.26	PK
Horizontal	17100.017	49.33	-3.92	45.41	54	-8.59	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
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.182	71.64	-20.73	50.91	68.2	-17.29	PK
Vertical	4434.182	59.51	-20.73	38.78	54	-15.22	AV
Vertical	11000.172	63.66	-8.40	55.26	68.2	-12.94	PK
Vertical	11000.172	49.95	-8.40	41.55	54	-12.45	AV
Vertical	16500.127	61.43	-6.09	55.34	74	-18.66	PK
Vertical	16500.127	49.26	-6.09	43.17	54	-10.83	AV
Horizontal	4434.163	74.04	-20.73	53.31	68.2	-14.89	PK
Horizontal	4434.163	59.84	-20.73	39.11	54	-14.89	AV
Horizontal	11000.105	63.73	-8.40	55.33	68.2	-12.87	PK
Horizontal	11000.105	49.70	-8.40	41.30	54	-12.70	AV
Horizontal	16500.034	63.39	-6.09	57.30	74	-16.70	PK
Horizontal	16500.034	49.14	-6.09	43.05	54	-10.95	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.174	72.67	-20.42	52.25	74	-21.75	PK
Vertical	4592.174	59.87	-20.42	39.45	54	-14.55	AV
Vertical	11160.167	61.25	-8.53	52.72	68.2	-15.48	PK
Vertical	11160.167	49.50	-8.53	40.97	54	-13.03	AV
Vertical	16740.188	60.67	-5.31	55.36	74	-18.64	PK
Vertical	16740.188	49.07	-5.31	43.76	54	-10.24	AV
Horizontal	4592.012	73.59	-20.42	53.18	74	-20.82	PK
Horizontal	4592.012	59.03	-20.42	38.62	54	-15.38	AV
Horizontal	11160.041	62.70	-8.53	54.17	68.2	-14.03	PK
Horizontal	11160.041	49.31	-8.53	40.78	54	-13.22	AV
Horizontal	16740.108	61.37	-5.31	56.06	74	-17.94	PK
Horizontal	16740.108	49.85	-5.31	44.54	54	-9.46	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.198	70.24	-20.12	50.12	74	-23.88	PK
Vertical	4739.198	59.51	-20.12	39.39	54	-14.61	AV
Vertical	11400.016	61.39	-8.72	52.67	68.2	-15.53	PK
Vertical	11400.016	49.00	-8.72	40.28	54	-13.72	AV
Vertical	17100.035	63.83	-3.92	59.91	74	-14.09	PK
Vertical	17100.035	49.64	-3.92	45.72	54	-8.28	AV
Horizontal	4739.084	74.83	-20.12	54.71	74	-19.29	PK
Horizontal	4739.084	59.43	-20.12	39.30	54	-14.70	AV
Horizontal	11400.144	60.36	-8.72	51.64	68.2	-16.56	PK
Horizontal	11400.144	49.68	-8.72	40.96	54	-13.04	AV
Horizontal	17100.179	64.23	-3.92	60.31	74	-13.69	PK
Horizontal	17100.179	49.37	-3.92	45.45	54	-8.55	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(5.6G) - 802.11ax-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5500 MHz)-Above 1G							
Vertical	4434.07	73.45	-20.73	52.72	68.2	-15.48	PK
Vertical	4434.07	59.18	-20.73	38.45	54	-15.55	AV
Vertical	11000.02	64.99	-8.40	56.59	68.2	-11.61	PK
Vertical	11000.02	49.08	-8.40	40.68	54	-13.32	AV
Vertical	16500.04	63.15	-6.09	57.06	74	-16.94	PK
Vertical	16500.04	49.91	-6.09	43.82	54	-10.18	AV
Horizontal	4434.13	73.13	-20.73	52.40	68.2	-15.80	PK
Horizontal	4434.13	59.61	-20.73	38.88	54	-15.12	AV
Horizontal	11000.10	63.61	-8.40	55.21	68.2	-12.99	PK
Horizontal	11000.10	49.38	-8.40	40.98	54	-13.02	AV
Horizontal	16500.13	64.98	-6.09	58.89	74	-15.11	PK
Horizontal	16500.13	49.92	-6.09	43.83	54	-10.17	AV
middle Channel (5580 MHz)-Above 1G							
Vertical	4592.06	73.95	-20.42	53.54	74	-20.46	PK
Vertical	4592.06	59.43	-20.42	39.01	54	-14.99	AV
Vertical	11160.03	61.62	-8.53	53.09	68.2	-15.11	PK
Vertical	11160.03	49.10	-8.53	40.57	54	-13.43	AV
Vertical	16740.19	62.22	-5.31	56.91	74	-17.09	PK
Vertical	16740.19	49.42	-5.31	44.11	54	-9.89	AV
Horizontal	4592.10	70.67	-20.42	50.25	74	-23.75	PK
Horizontal	4592.10	59.94	-20.42	39.52	54	-14.48	AV
Horizontal	11160.15	63.01	-8.53	54.48	68.2	-13.72	PK
Horizontal	11160.15	49.06	-8.53	40.53	54	-13.47	AV
Horizontal	16740.14	64.50	-5.31	59.19	74	-14.81	PK
Horizontal	16740.14	49.04	-5.31	43.73	54	-10.27	AV
High Channel (5700 MHz)-Above 1G							
Vertical	4739.04	70.63	-20.12	50.50	74	-23.50	PK
Vertical	4739.04	59.26	-20.12	39.14	54	-14.86	AV
Vertical	11400.15	61.42	-8.72	52.70	68.2	-15.50	PK
Vertical	11400.15	49.51	-8.72	40.79	54	-13.21	AV
Vertical	17100.09	64.21	-3.92	60.29	74	-13.71	PK
Vertical	17100.09	49.98	-3.92	46.06	54	-7.94	AV
Horizontal	4739.10	72.26	-20.12	52.14	74	-21.86	PK
Horizontal	4739.10	59.00	-20.12	38.88	54	-15.12	AV
Horizontal	11400.15	62.24	-8.72	53.52	68.2	-14.68	PK
Horizontal	11400.15	49.82	-8.72	41.10	54	-12.90	AV
Horizontal	17100.01	61.87	-3.92	57.95	74	-16.05	PK
Horizontal	17100.01	49.82	-3.92	45.90	54	-8.10	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
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.084	74.69	-20.24	54.45	74	-19.55	PK
Vertical	4679.084	59.07	-20.24	38.83	54	-15.17	AV
Vertical	11490.093	63.94	-8.79	55.15	68.2	-13.05	PK
Vertical	11490.093	49.41	-8.79	40.62	54	-13.38	AV
Vertical	17235.145	58.35	-3.18	55.17	68.2	-13.03	PK
Vertical	17235.145	44.69	-3.18	41.51	54	-12.49	AV
Horizontal	4679.133	71.28	-20.73	50.55	74	-23.45	PK
Horizontal	4679.133	59.99	-20.73	39.26	54	-14.74	AV
Horizontal	11490.038	62.94	-8.79	54.15	68.2	-14.05	PK
Horizontal	11490.038	49.82	-8.79	41.03	54	-12.97	AV
Horizontal	17235.140	59.20	-3.18	56.02	68.2	-12.18	PK
Horizontal	17235.140	44.37	-3.18	41.19	54	-12.81	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.056	74.51	-20.42	54.10	74	-19.90	PK
Vertical	4592.056	59.13	-20.42	38.72	54	-15.28	AV
Vertical	11570.072	60.28	-8.86	51.42	68.2	-16.78	PK
Vertical	11570.072	49.56	-8.86	40.70	54	-13.30	AV
Vertical	17355.083	57.57	-2.52	55.05	68.2	-13.15	PK
Vertical	17355.083	44.16	-2.52	41.64	54	-12.36	AV
Horizontal	4592.136	71.75	-20.42	51.33	74	-22.67	PK
Horizontal	4592.136	59.04	-20.42	38.62	54	-15.38	AV
Horizontal	11570.186	60.88	-8.86	52.02	68.2	-16.18	PK
Horizontal	11570.186	49.64	-8.86	40.78	54	-13.22	AV
Horizontal	17355.069	58.03	-2.52	55.51	68.2	-12.69	PK
Horizontal	17355.069	44.38	-2.52	41.86	54	-12.14	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.103	74.06	-18.93	55.13	68.2	-13.07	PK
Vertical	6039.103	59.34	-18.93	40.40	54	-13.60	AV
Vertical	11650.063	62.58	-8.92	53.66	74	-20.34	PK
Vertical	11650.063	49.88	-8.92	40.96	54	-13.04	AV
Vertical	17475.170	56.43	-1.86	54.57	68.2	-13.63	PK
Vertical	17475.170	44.82	-1.86	42.96	54	-11.04	AV
Horizontal	6039.193	74.79	-18.93	55.85	68.2	-12.35	PK
Horizontal	6039.193	59.57	-18.93	40.64	54	-13.36	AV
Horizontal	11650.023	62.02	-8.92	53.10	74	-20.90	PK
Horizontal	11650.023	49.65	-8.92	40.73	54	-13.27	AV
Horizontal	17475.139	56.45	-1.86	54.59	68.2	-13.61	PK
Horizontal	17475.139	44.32	-1.86	42.46	54	-11.54	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(5.8G) - 802.11n-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.181	72.71	-20.24	52.47	74	-21.53	PK
Vertical	4679.181	59.90	-20.24	39.66	54	-14.34	AV
Vertical	11490.039	63.73	-8.79	54.94	68.2	-13.26	PK
Vertical	11490.039	49.86	-8.79	41.07	54	-12.93	AV
Vertical	17235.064	59.76	-3.18	56.58	68.2	-11.62	PK
Vertical	17235.064	44.17	-3.18	40.99	54	-13.01	AV
Horizontal	4679.132	74.94	-20.24	54.70	74	-19.30	PK
Horizontal	4679.132	59.28	-20.24	39.04	54	-14.96	AV
Horizontal	11490.022	60.30	-8.79	51.51	68.2	-16.69	PK
Horizontal	11490.022	49.13	-8.79	40.34	54	-13.66	AV
Horizontal	17235.005	59.54	-3.18	56.36	68.2	-11.84	PK
Horizontal	17235.005	44.74	-3.18	41.56	54	-12.44	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.138	70.57	-20.42	50.15	74	-23.85	PK
Vertical	4592.138	59.95	-20.42	39.53	54	-14.47	AV
Vertical	11570.115	64.67	-8.86	55.81	68.2	-12.39	PK
Vertical	11570.115	49.96	-8.86	41.10	54	-12.90	AV
Vertical	17355.196	55.76	-2.52	53.24	68.2	-14.96	PK
Vertical	17355.196	44.33	-2.52	41.81	54	-12.19	AV
Horizontal	4592.118	74.51	-20.42	54.10	74	-19.90	PK
Horizontal	4592.118	59.65	-20.42	39.24	54	-14.76	AV
Horizontal	11570.016	62.85	-8.86	53.99	68.2	-14.21	PK
Horizontal	11570.016	49.49	-8.86	40.63	54	-13.37	AV
Horizontal	17355.053	59.94	-2.52	57.42	68.2	-10.78	PK
Horizontal	17355.053	44.18	-2.52	41.66	54	-12.34	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.074	72.07	-18.93	53.14	68.2	-15.06	PK
Vertical	6039.074	59.43	-18.93	40.49	54	-13.51	AV
Vertical	11650.055	60.02	-8.92	51.10	74	-22.90	PK
Vertical	11650.055	49.81	-8.92	40.89	54	-13.11	AV
Vertical	17475.131	58.61	-1.86	56.75	68.2	-11.45	PK
Vertical	17475.131	44.31	-1.86	42.45	54	-11.55	AV
Horizontal	6039.073	73.84	-18.93	54.91	68.2	-13.29	PK
Horizontal	6039.073	59.78	-18.93	40.85	54	-13.15	AV
Horizontal	11650.158	60.88	-8.92	51.96	74	-22.04	PK
Horizontal	11650.158	49.05	-8.92	40.13	54	-13.87	AV
Horizontal	17475.060	56.55	-1.86	54.69	68.2	-13.51	PK
Horizontal	17475.060	44.44	-1.86	42.58	54	-11.42	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(5.8G) - 802.11ac-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.023	71.30	-20.24	51.06	74	-22.94	PK
Vertical	4679.023	59.23	-20.24	38.99	54	-15.01	AV
Vertical	11490.117	61.06	-8.79	52.27	68.2	-15.93	PK
Vertical	11490.117	49.88	-8.79	41.09	54	-12.91	AV
Vertical	17235.090	57.05	-3.18	53.87	68.2	-14.33	PK
Vertical	17235.090	44.77	-3.18	41.59	54	-12.41	AV
Horizontal	4679.127	74.36	-20.24	54.12	74	-19.88	PK
Horizontal	4679.127	59.91	-20.24	39.67	54	-14.33	AV
Horizontal	11490.137	60.70	-8.79	51.91	68.2	-16.29	PK
Horizontal	11490.137	49.04	-8.79	40.25	54	-13.75	AV
Horizontal	17235.100	59.67	-3.18	56.49	68.2	-11.71	PK
Horizontal	17235.100	44.64	-3.18	41.46	54	-12.54	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.197	74.18	-20.42	53.77	74	-20.23	PK
Vertical	4592.197	59.19	-20.42	38.77	54	-15.23	AV
Vertical	11570.026	60.83	-8.86	51.97	68.2	-16.23	PK
Vertical	11570.026	49.27	-8.86	40.41	54	-13.59	AV
Vertical	17355.131	56.01	-2.52	53.49	68.2	-14.71	PK
Vertical	17355.131	44.39	-2.52	41.87	54	-12.13	AV
Horizontal	4592.033	73.95	-20.42	53.53	74	-20.47	PK
Horizontal	4592.033	59.01	-20.42	38.60	54	-15.40	AV
Horizontal	11570.113	61.22	-8.86	52.36	68.2	-15.84	PK
Horizontal	11570.113	49.03	-8.86	40.17	54	-13.83	AV
Horizontal	17355.167	57.87	-2.52	55.35	68.2	-12.85	PK
Horizontal	17355.167	44.32	-2.52	41.80	54	-12.20	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.142	71.48	-18.93	52.55	68.2	-15.65	PK
Vertical	6039.142	59.40	-18.93	40.47	54	-13.53	AV
Vertical	11650.005	62.26	-8.92	53.34	74	-20.66	PK
Vertical	11650.005	49.93	-8.92	41.01	54	-12.99	AV
Vertical	17475.098	58.30	-1.86	56.44	68.2	-11.76	PK
Vertical	17475.098	44.41	-1.86	42.55	54	-11.45	AV
Horizontal	6039.005	73.71	-18.93	54.77	68.2	-13.43	PK
Horizontal	6039.005	59.23	-18.93	40.30	54	-13.70	AV
Horizontal	11650.142	61.99	-8.92	53.07	74	-20.93	PK
Horizontal	11650.142	49.02	-8.92	40.10	54	-13.90	AV
Horizontal	17475.111	57.20	-1.86	55.34	68.2	-12.86	PK
Horizontal	17475.111	44.62	-1.86	42.76	54	-11.24	AV

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

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

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

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

Test Mode:	TX(5.8G) - 802.11ax-HT20
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Polar	Fre- quency	Reading Level	Correct Factor	Measure- ment	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5745 MHz)-Above 1G							
Vertical	4679.07	74.83	-20.24	54.59	74	-19.41	PK
Vertical	4679.07	59.47	-20.24	39.23	54	-14.77	AV
Vertical	11490.12	62.10	-8.79	53.31	68.2	-14.89	PK
Vertical	11490.12	49.57	-8.79	40.78	54	-13.22	AV
Vertical	17235.13	55.70	-3.18	52.52	68.2	-15.68	PK
Vertical	17235.13	44.05	-3.18	40.87	54	-13.13	AV
Horizontal	4679.06	72.98	-20.73	52.25	74	-21.75	PK
Horizontal	4679.06	59.20	-20.73	38.47	54	-15.53	AV
Horizontal	11490.15	64.17	-8.79	55.38	68.2	-12.82	PK
Horizontal	11490.15	49.88	-8.79	41.09	54	-12.91	AV
Horizontal	17235.19	55.81	-3.18	52.63	68.2	-15.57	PK
Horizontal	17235.19	44.60	-3.18	41.42	54	-12.58	AV
middle Channel (5785 MHz)-Above 1G							
Vertical	4592.09	74.02	-20.42	53.60	74	-20.40	PK
Vertical	4592.09	59.23	-20.42	38.81	54	-15.19	AV
Vertical	11570.13	60.65	-8.86	51.79	68.2	-16.41	PK
Vertical	11570.13	49.20	-8.86	40.34	54	-13.66	AV
Vertical	17355.16	55.74	-2.52	53.22	68.2	-14.98	PK
Vertical	17355.16	44.81	-2.52	42.29	54	-11.71	AV
Horizontal	4592.01	72.28	-20.42	51.86	74	-22.14	PK
Horizontal	4592.01	59.62	-20.42	39.20	54	-14.80	AV
Horizontal	11570.16	64.62	-8.86	55.76	68.2	-12.44	PK
Horizontal	11570.16	49.99	-8.86	41.13	54	-12.87	AV
Horizontal	17355.04	55.68	-2.52	53.16	68.2	-15.04	PK
Horizontal	17355.04	44.96	-2.52	42.44	54	-11.56	AV
High Channel (5825 MHz)-Above 1G							
Vertical	6039.05	74.19	-18.93	55.26	68.2	-12.94	PK
Vertical	6039.05	59.85	-18.93	40.92	54	-13.08	AV
Vertical	11650.18	61.29	-8.92	52.37	74	-21.63	PK
Vertical	11650.18	49.72	-8.92	40.80	54	-13.20	AV
Vertical	17475.16	56.10	-1.86	54.24	68.2	-13.96	PK
Vertical	17475.16	44.17	-1.86	42.31	54	-11.69	AV
Horizontal	6039.05	73.82	-18.93	54.89	68.2	-13.31	PK
Horizontal	6039.05	59.38	-18.93	40.45	54	-13.55	AV
Horizontal	11650.04	60.01	-8.92	51.09	74	-22.91	PK
Horizontal	11650.04	49.31	-8.92	40.39	54	-13.61	AV
Horizontal	17475.05	56.81	-1.86	54.95	68.2	-13.25	PK
Horizontal	17475.05	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.

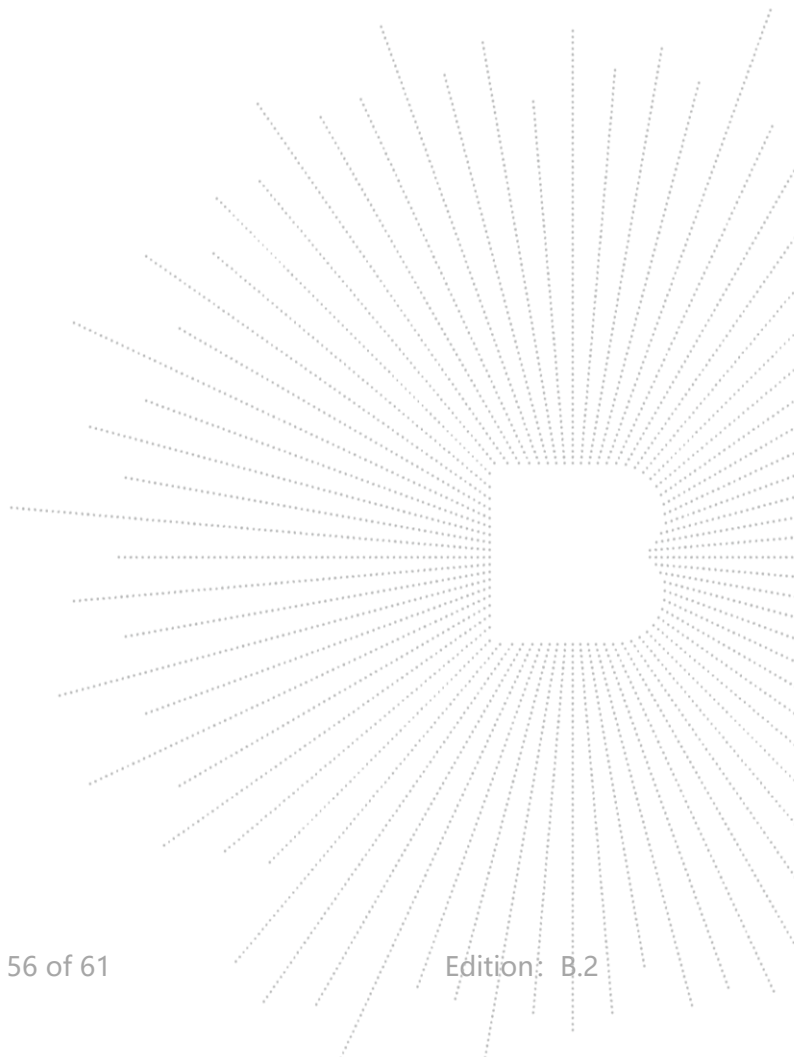
8. Antenna Requirement

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.

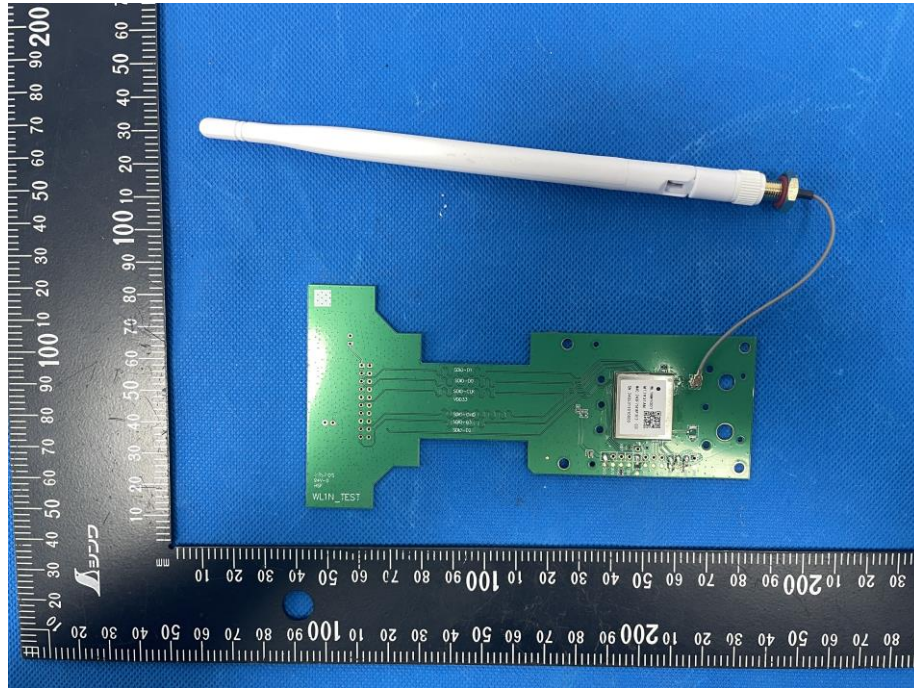
8.2 Test Result

The EUT antenna is External antenna (antenna 1 gain : 2.55 dBi; antenna 2 gain : 3.21 dBi). It comply with the standard requirement.

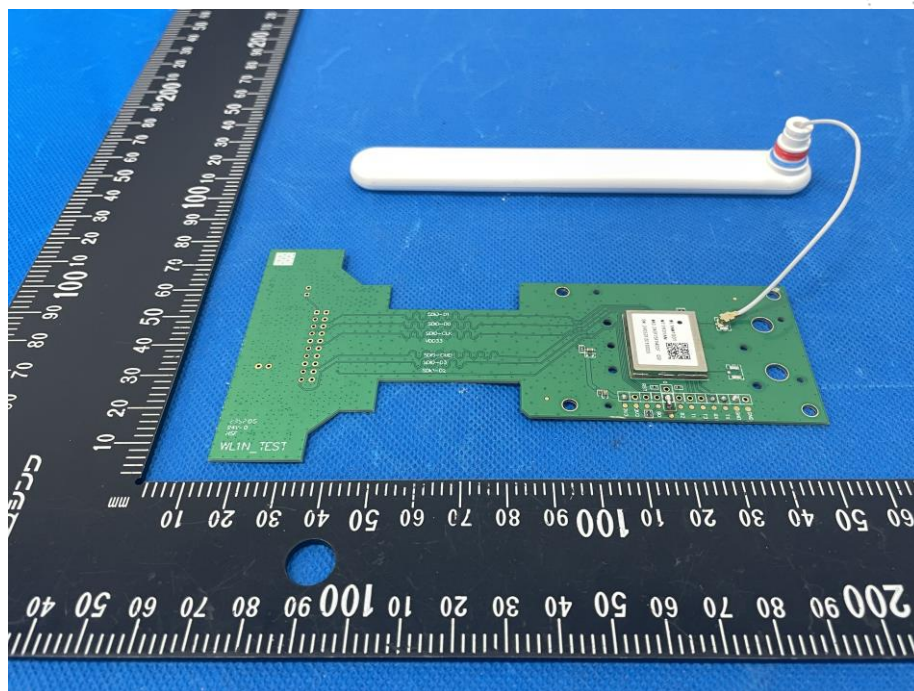


9. EUT Photographs

EUT Photo 1



EUT Photo 2



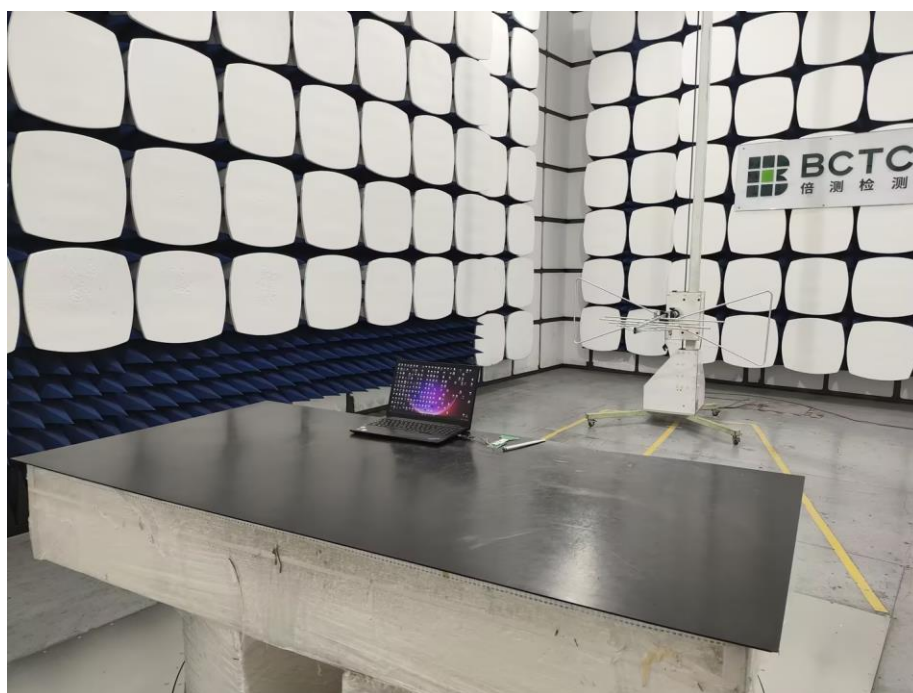
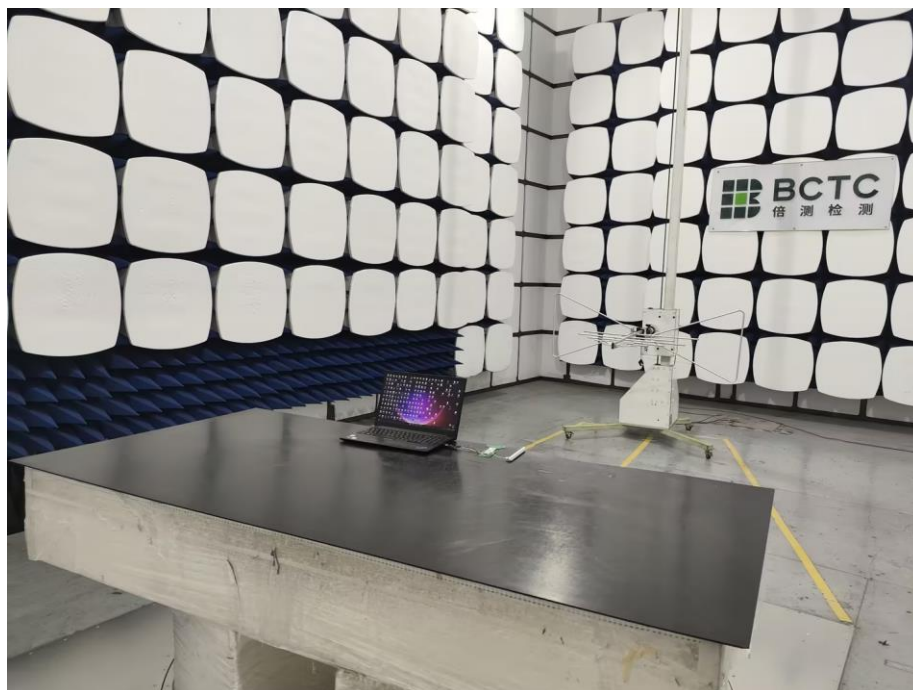
NOTE: Appendix-Photographs Of EUT Constructional Details

10. EUT Test Setup Photographs

Conducted Measurement 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.

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***** END *****