

TEST REPORT

Report No.: BCTC2507208863-3E

Applicant: REOLINK TECHNOLOGY PTE. LTD.

Product Name: WiFi module

Test Model: CDW-B1800D4-L3

Tested Date: 2025-07-28 to 2025-09-03

Issued Date: 2025-09-05

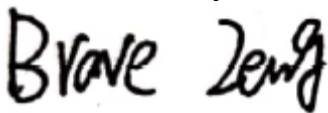
Shenzhen BCTC Testing Co., Ltd.



FCC ID: 2BN5S-2504A

Product Name: WiFi module
Trademark: 
Model/Type reference: CDW-B1800D4-L3
Prepared For: REOLINK TECHNOLOGY PTE. LTD.
Address: 31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818
Manufacturer: REOLINK TECHNOLOGY PTE. LTD.
Address: 31 KAKI BUKIT ROAD 3, #06-02, TECHLINK, SINGAPORE 417818
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: 2025-07-28
Sample tested Date: 2025-07-28 to 2025-09-03
Issue Date: 2025-09-05
Report No.: BCTC2507208863-3E
FCC Part15 15.407
ANSI C63.10-2013
Test Standards: KDB 662911 D01 v02r01
KDB 789033 D02 v02r01
Test Results: PASS

Tested by:



Brave Zeng/ Project Handler

Approved by:



Zero Zhou/Reviewer

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(Note: N/A Means Not Applicable)

1. Version

Report No.	Issue Date	Description	Approved
BCTC2507208863-3E	2025-09-05	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

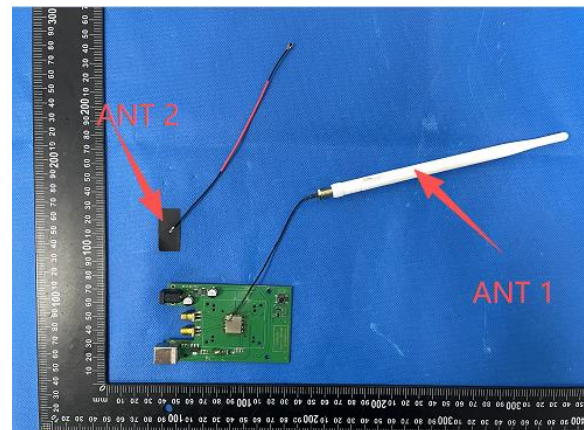
Note: The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

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 (ENS2504290071W00603R)

Original:



New



Note: According to the following changes in the original test report ENS2504290071W00603R), 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:	CDW-B1800D4-L3
Model differences:	N/A
Hardware Version:	N/A
Software Version:	N/A
IEEE 802.11 WLAN Mode Supported:	802.11a/n/ac/ax(20MHz channel bandwidth) 802.11n/ac/ax(40MHz channel bandwidth)
Operation Frequency:	5180-5240MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5190-5230MHz for 802.11n(HT40)/ac(HT40)/ax(HT40); 5260-5320MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5270-5310MHz for 802.11n (HT40)/ac(HT40)/ax(HT40); 5500-5700MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5410-5670MHz for 802.11n (HT40)/ac(HT40)/ax(HT40); 5745-5825 MHz for 802.11a/n(HT20)/ac(HT20)/ax(HT20); 5755-5795 MHz for 802.11n(HT40)/ac(HT40)/ax(HT40);
Data Rate:	802.11a: 6,9,12,18,24,36,48,54Mbps; 802.11n(HT20/HT40):MCS0-MCS15; 802.11ac/ax(VHT20): NSS1, MCS0-MCS8 802.11ac/ax(VHT40):NSS1, MCS0-MCS
Type of Modulation:	OFDM/OFDMA
Antenna installation:	External antenna Antenna 1: 2.55 dBi, Antenna 2: 2.79 dBi
Antenna Gain:	Remark: ☒ The antenna gain of the product comes from the antenna report provided by the customer, and the test data is affected by the customer information. ☐ The antenna gain of the product is provided by the customer, and the test data is affected by the customer information.
Ratings:	DC 3.3V
Module type:	Client Without Tpc.

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	CDW-B1800D 4-L3	N/A	EUT
E-2	Adapter	Lenovo	ADLX65YLC3 D	---	---
E-3	PC	Lenovo	ThinkPad E15 Gen2	---	---

Item	Shielded Type	Ferrite Core	Length	Note
C-1	NO	NO	0M	DC cable unshielded

Notes:

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

4.4 Channel List

(U-NII-1) 5180MHz-5240MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	36	5180	40	5200
	44	5220	48	5240
40MHz	38	5190	46	5230
(U-NII-2A) 5260MHz-5320MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	52	5260	56	5280
	60	5300	64	5320
40MHz	54	5270	62	5310
(U-NII-2C) 5500MHz-5700MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	100	5500	105	5520
	108	5540	112	5560
	116	5580	/	/
	/	/	/	/
	132	5660	136	5680
	140	5700		
40MHz	102	5510	110	5550
	/	/	/	/
	134	5670	/	/
(U-NII-3) 5745MHz-5825MHz				
Bandwidth	Channel	Frequency (MHz)	Channel	Frequency
20MHz	149	5745	153	5765
	157	5785	161	5805
	165	5825		
40MHz	151	5775	159	5795

4.5 Test Mode

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

Pretest Mode	Description
Mode 1	802.11a / n/ ac 20/ax 20 CH36/ CH40/ CH 48 802.11a / n/ ac 20/ax 20 CH52/ CH56/ CH 64 802.11a / n/ ac 20/ax 20 CH100/ CH116/ CH 140 802.11a /n/ ac 20/ax 20 CH149/ CH157/ CH 165
Mode 2	802.11n/ ac40/ax 40 CH38/ CH 46 802.11n/ ac40/ax 40 CH54/ CH 62 802.11n/ ac40/ax 40 CH102/ CH 110/CH134 802.11n/ ac40/ax 40 CH 151 / CH 159
Mode 3	WIFI Link+BT Link (Conducted emission and Radiated emission)

Note:

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

4.6 Table Of Parameters Of Text Software Setting

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

Test software Version	CMD		
Parameters	DEF	DEF	DEF

5. Test Facility And Test Instrument Used

5.1 Test Facility

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

FCC Test Firm Registration Number: 712850

A2LA certificate registration number is: CN1212

ISED Registered No.: 23583

ISED CAB identifier: CN0017

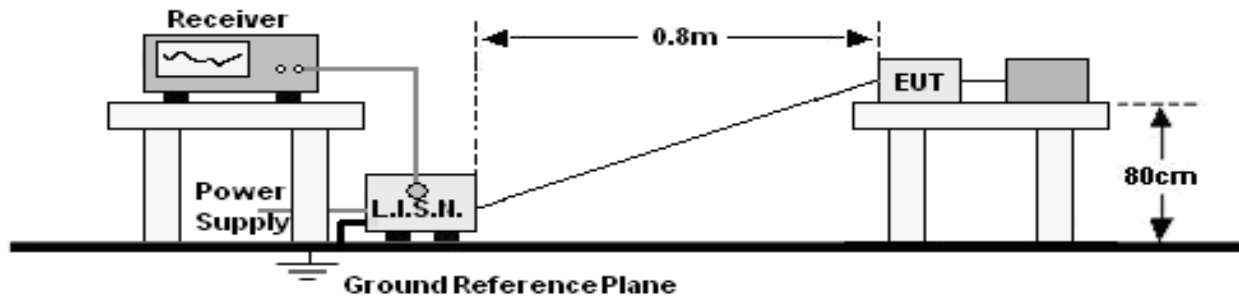
5.2 Test Instrument Used

Conducted Emissions Test					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
Receiver	R&S	ESR3	102075	May 08, 2025	May 07, 2026
LISN	R&S	ENV216	101375	May 14, 2025	May 13, 2026
Software	Frad	EZ-EMC	EMC-CON 3A1	\	\
Pulse limiter	Schwarzbeck	VTSD9561-F	01323	May 14, 2025	May 13, 2026

Radiated Emissions Test (966 Chamber01)					
Equipment	Manufacturer	Model#	Serial#	Last Cal.	Next Cal.
966 chamber	ChengYu	966 Room	966	May 15, 2023	May 14, 2026
Receiver	R&S	ESR3	102075	May 08, 2025	May 07, 2026
Receiver	R&S	ESR3P	101154	May 14, 2025	May 13, 2026
Amplifier	Schwarzbeck	BBV9744	9744-0037	May 14, 2025	May 13, 2026
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	942	May 24, 2025	May 23, 2026
Loop Antenna(9KHz -30MHz)	Schwarzbeck	FMZB1519B	00014	May 24, 2025	May 23, 2026
Amplifier	SKET	LAPA_01G18 G-45dB	SK2021040901	May 14, 2025	May 13, 2026
Horn Antenna	Schwarzbeck	BBHA9120D	1541	May 24, 2025	May 23, 2026
Amplifier(18G Hz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 24, 2025	May 23, 2026
Horn Antenna(18G Hz-40GHz)	Schwarzbeck	BBHA9170	00822	May 24, 2025	May 23, 2026
Spectrum Analyzer9kHz-40GHz	R&S	FSP40	100363	May 14, 2025	May 13, 2026
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.

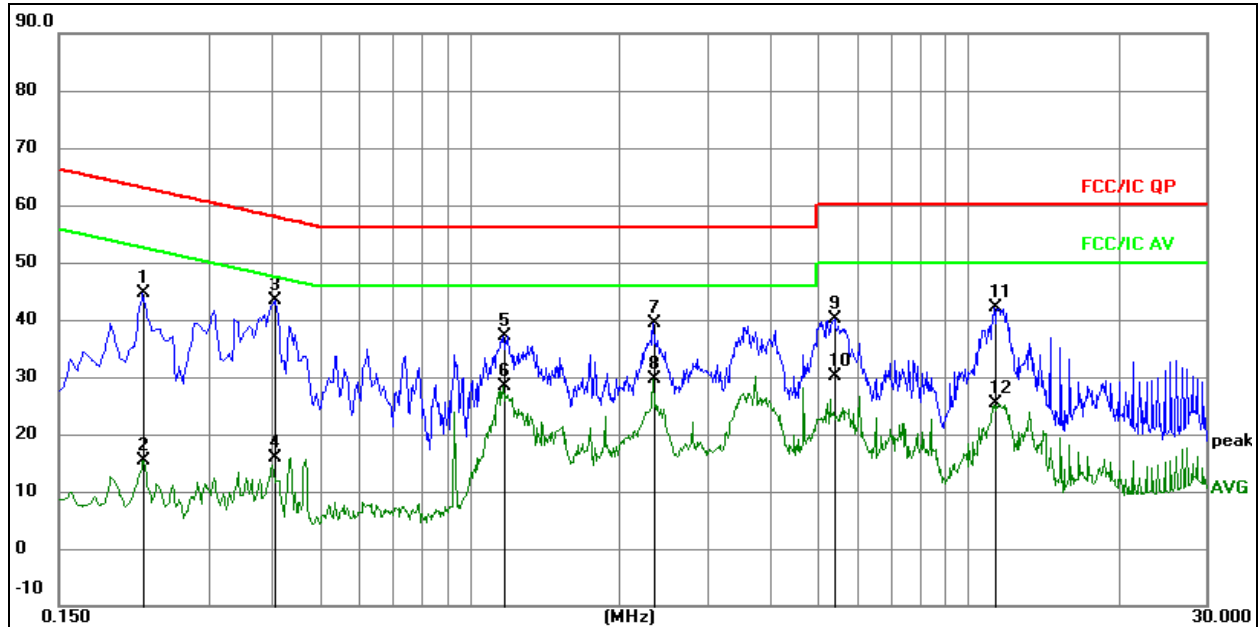
6.4 EUT Operating Conditions

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:	24.4 °C	Relative Humidity:	56 %
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 3	Test Voltage :	DC 3.3V

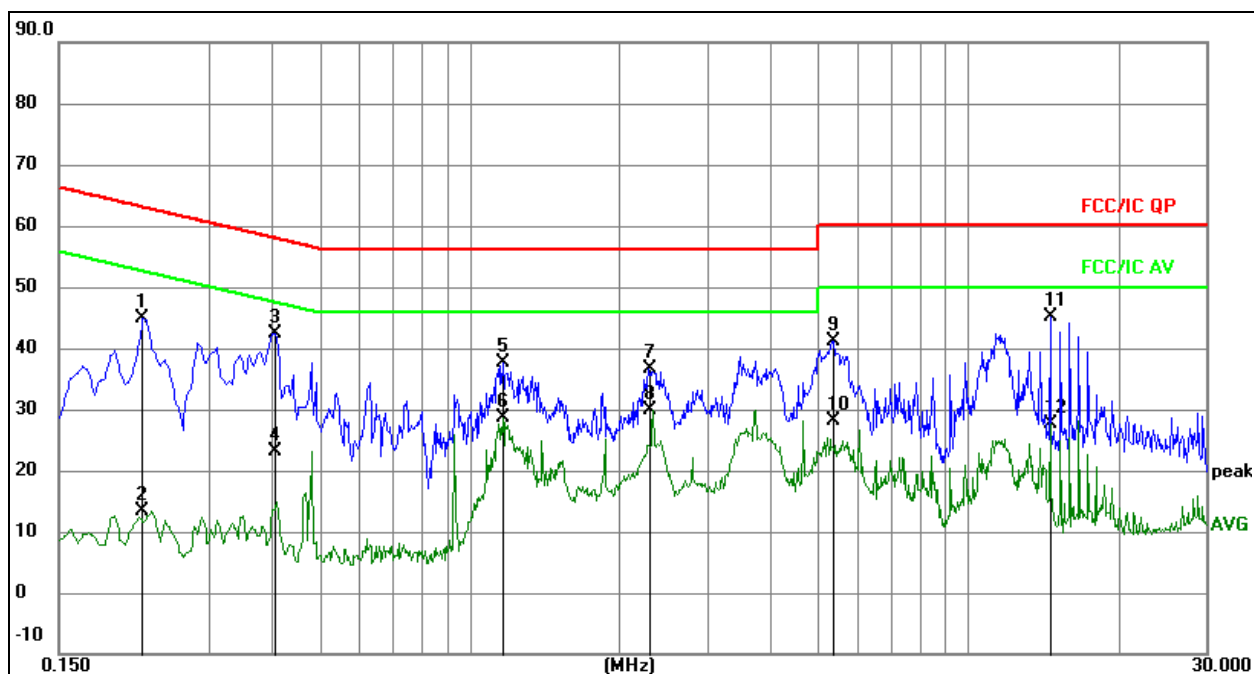


Remark:

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		0.2220	24.54	20.04	44.58	62.74	-18.16	QP
2		0.2220	-4.68	20.04	15.36	52.74	-37.38	AVG
3	*	0.4065	23.22	20.05	43.27	57.72	-14.45	QP
4		0.4065	-4.29	20.05	15.76	47.72	-31.96	AVG
5		1.1670	16.94	20.25	37.19	56.00	-18.81	QP
6		1.1670	8.20	20.25	28.45	46.00	-17.55	AVG
7		2.3370	19.15	20.25	39.40	56.00	-16.60	QP
8		2.3370	9.36	20.25	29.61	46.00	-16.39	AVG
9		5.3970	19.40	20.76	40.16	60.00	-19.84	QP
10		5.3970	9.39	20.76	30.15	50.00	-19.85	AVG
11		11.3100	20.38	21.65	42.03	60.00	-17.97	QP
12		11.3100	3.74	21.65	25.39	50.00	-24.61	AVG

Temperature:	24.4 °C	Relative Humidity:	56 %
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 3	Test Voltage :	DC 3.3V



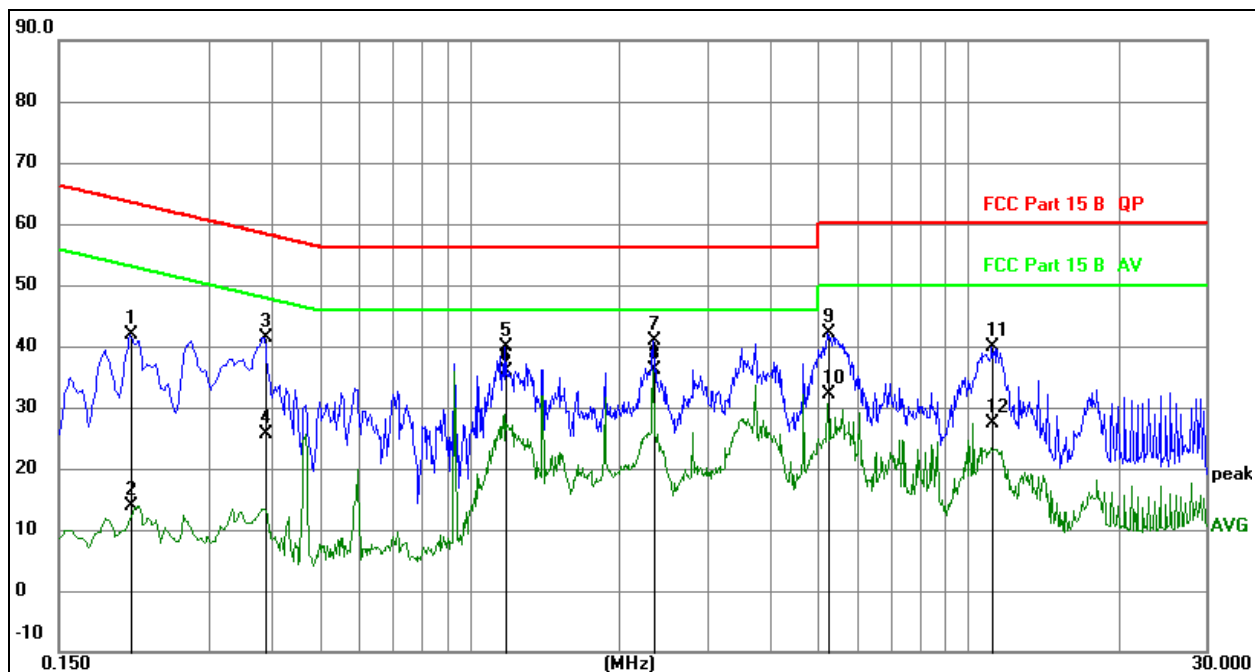
Remark:

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		0.2208	24.87	20.04	44.91	62.79	-17.88	QP
2		0.2208	-6.58	20.04	13.46	52.79	-39.33	AVG
3		0.4061	22.38	20.05	42.43	57.73	-15.30	QP
4		0.4061	3.04	20.05	23.09	47.73	-24.64	AVG
5		1.1657	17.50	20.25	37.75	56.00	-18.25	QP
6		1.1657	8.34	20.25	28.59	46.00	-17.41	AVG
7		2.2847	16.47	20.24	36.71	56.00	-19.29	QP
8		2.2847	9.58	20.24	29.82	46.00	-16.18	AVG
9		5.3615	20.45	20.76	41.21	60.00	-18.79	QP
10		5.3615	7.39	20.76	28.15	50.00	-21.85	AVG
11	*	14.5942	22.62	22.39	45.01	60.00	-14.99	QP
12		14.5942	5.32	22.39	27.71	50.00	-22.29	AVG

Antenna 2

Temperature:	26 °C	Relative Humidity:	54 %
Pressure:	101KPa	Phase :	L
Test Mode:	Mode 3	Test Voltage :	DC 3.3V

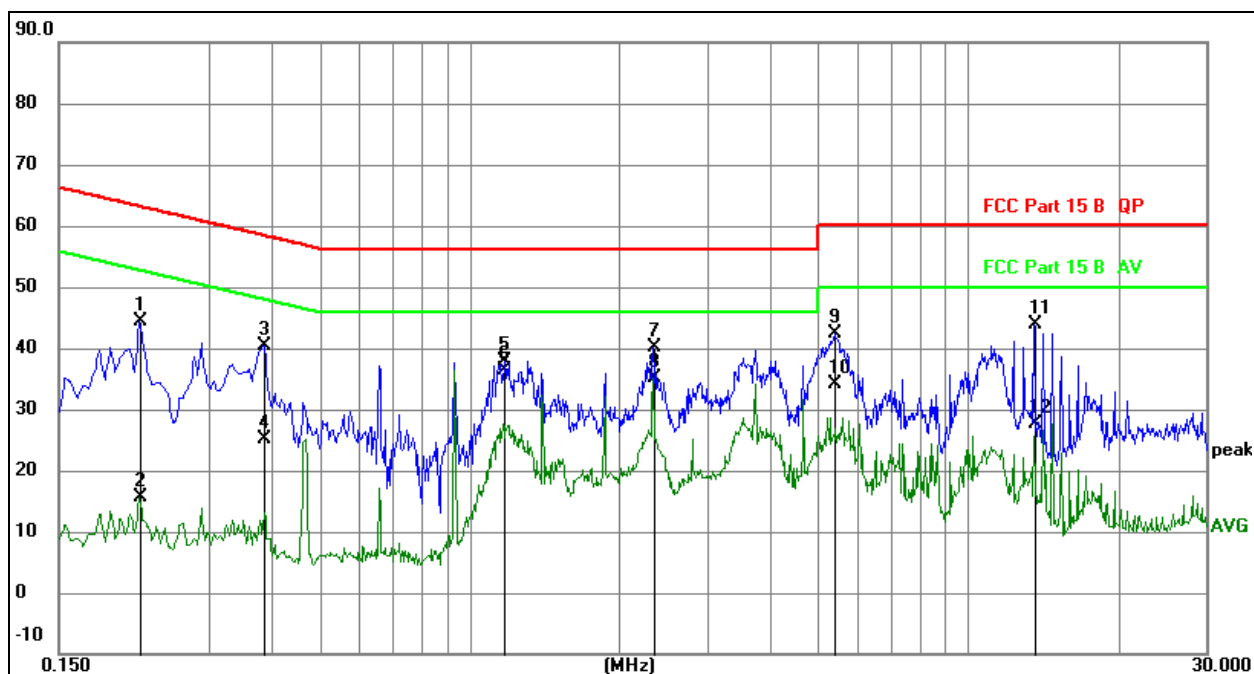


Remark:

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		0.2085	21.74	20.04	41.78	63.26	-21.48	QP
2		0.2085	-6.16	20.04	13.88	53.26	-39.38	AVG
3		0.3885	21.36	20.05	41.41	58.10	-16.69	QP
4		0.3885	5.63	20.05	25.68	48.10	-22.42	AVG
5		1.1805	19.54	20.25	39.79	56.00	-16.21	QP
6		1.1805	15.65	20.25	35.90	46.00	-10.10	AVG
7		2.3370	20.68	20.25	40.93	56.00	-15.07	QP
8	*	2.3370	15.84	20.25	36.09	46.00	-9.91	AVG
9		5.2350	21.49	20.74	42.23	60.00	-17.77	QP
10		5.2350	11.36	20.74	32.10	50.00	-17.90	AVG
11		11.1750	18.25	21.62	39.87	60.00	-20.13	QP
12		11.1750	5.66	21.62	27.28	50.00	-22.72	AVG

Temperature:	26 °C	Relative Humidity:	54 %
Pressure:	101KPa	Phase :	N
Test Mode:	Mode 3	Test Voltage :	DC 3.3V



Remark:

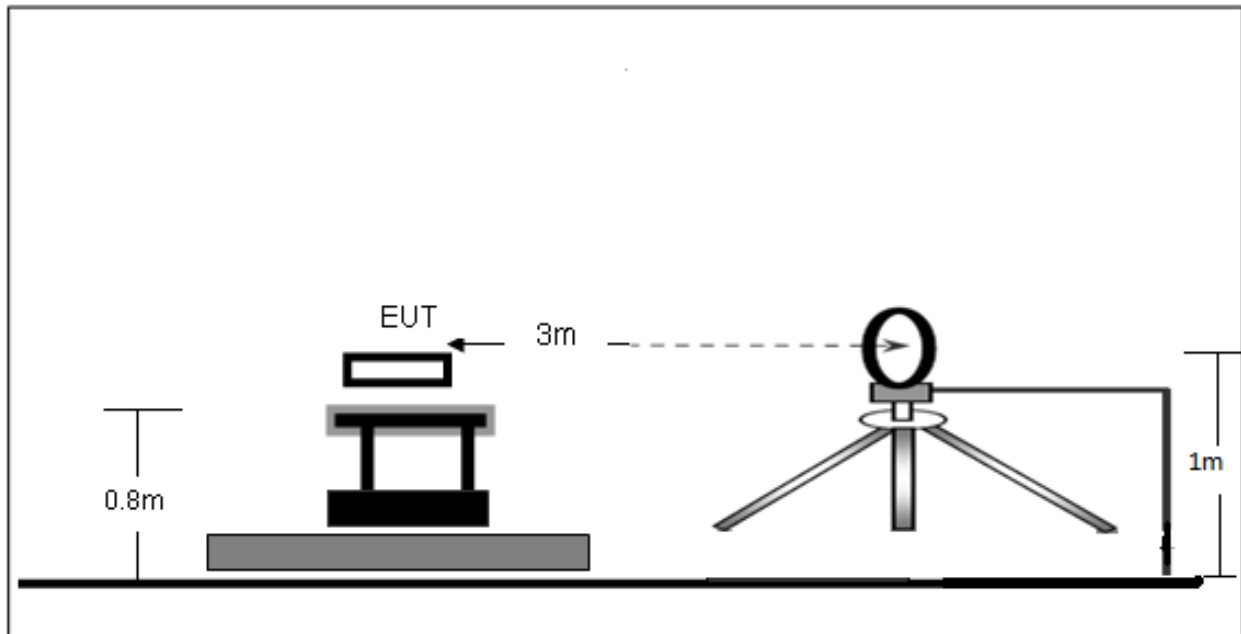
1. All readings are Quasi-Peak and Average values.
2. Factor = Insertion Loss + Cable Loss.
3. Measurement=Reading Level+ Correct Factor
4. Over=Measurement-Limit

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz		dB	dBuV	dBuV	dB	
1		0.2174	24.23	20.04	44.27	62.92	-18.65	QP
2		0.2174	-4.50	20.04	15.54	52.92	-37.38	AVG
3		0.3871	20.31	20.05	40.36	58.13	-17.77	QP
4		0.3871	5.11	20.05	25.16	48.13	-22.97	AVG
5		1.1781	17.73	20.25	37.98	56.00	-18.02	QP
6	*	1.1781	16.01	20.25	36.26	46.00	-9.74	AVG
7		2.3336	19.81	20.25	40.06	56.00	-15.94	QP
8		2.3336	14.93	20.25	35.18	46.00	-10.82	AVG
9		5.3900	21.59	20.76	42.35	60.00	-17.65	QP
10		5.3900	13.44	20.76	34.20	50.00	-15.80	AVG
11		13.5509	21.79	22.15	43.94	60.00	-16.06	QP
12		13.5509	5.57	22.15	27.72	50.00	-22.28	AVG

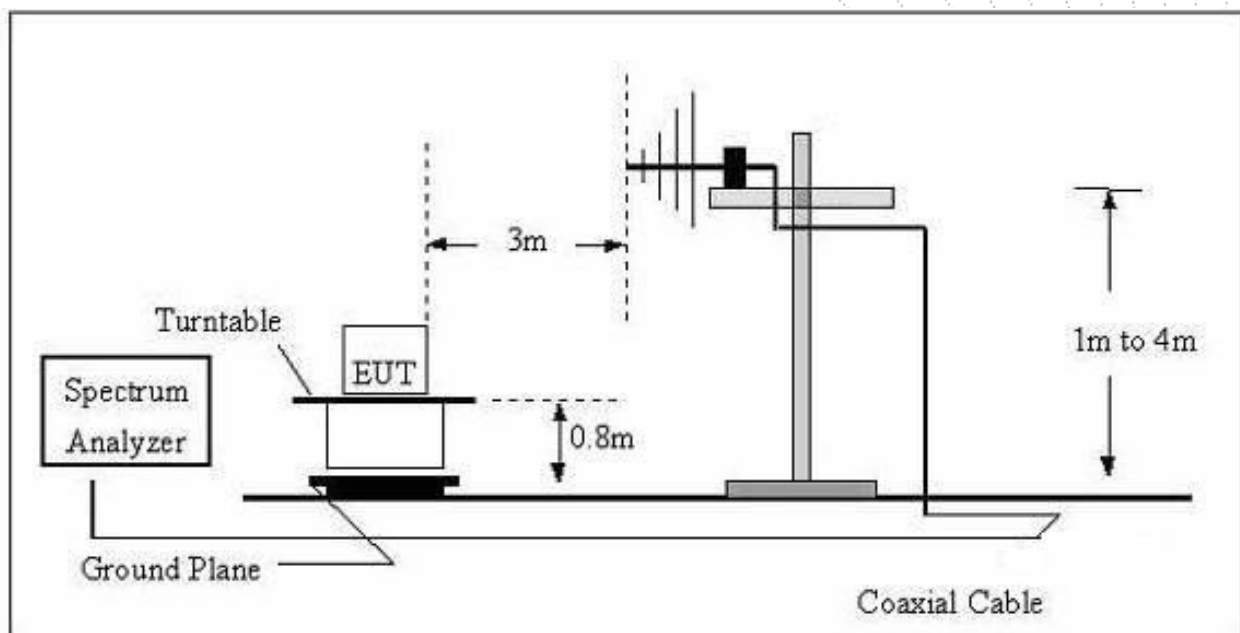
7. Radiated Emissions

7.1 Block Diagram Of Test Setup

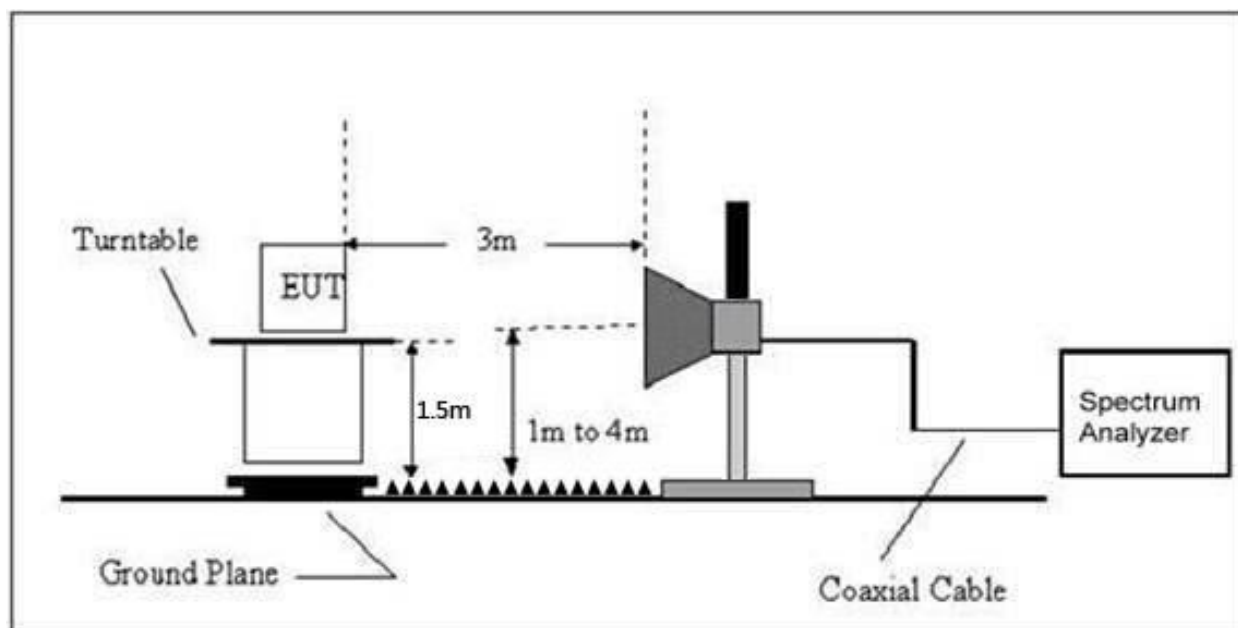
(A) Radiated Emission Test-Up Frequency Below 30MHz



(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:	54 %
Pressure:	101KPa	Test Voltage:	DC 3.3V
Test Mode:	Mode 3	Polarization:	--

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

Note:

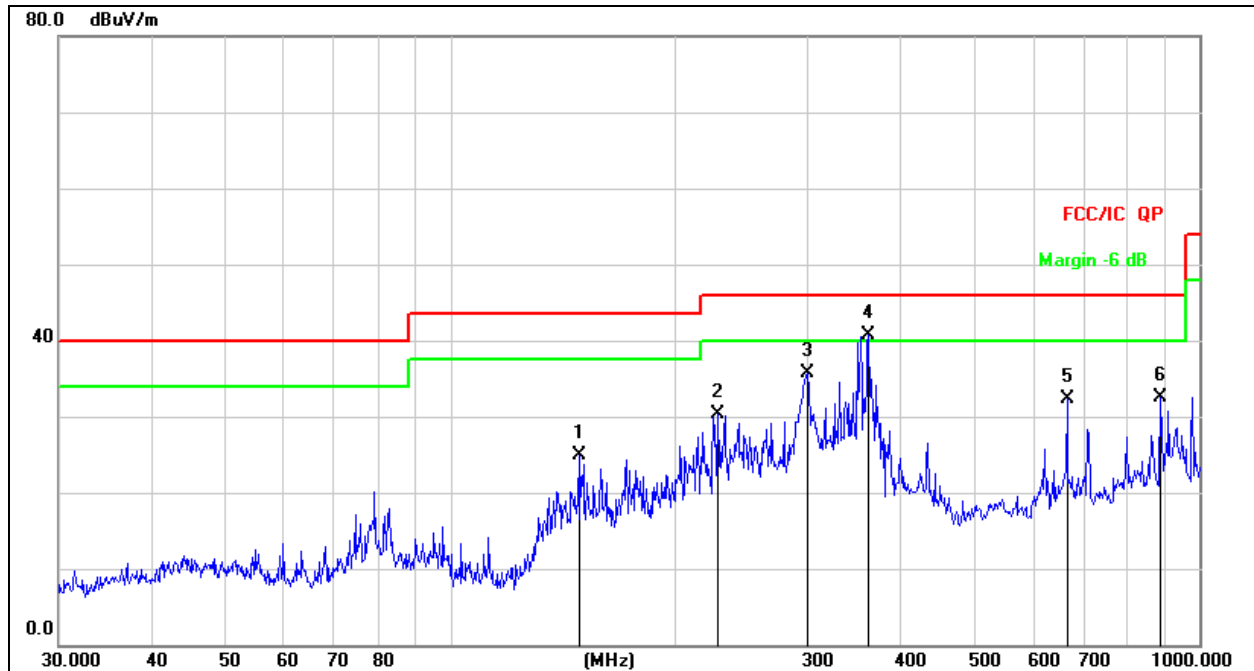
The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = $40 \log (\text{specific distance/test distance})$ (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 3	Test Voltage:	DC 3.3V

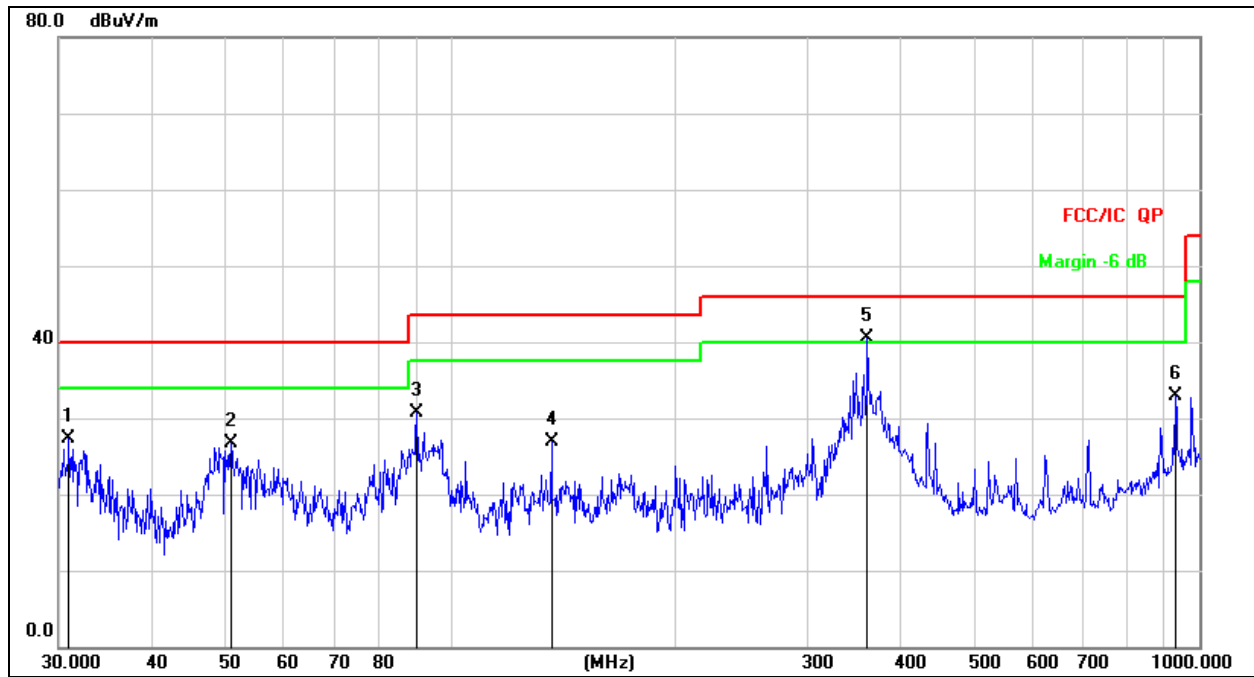


Remark:

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		148.4410	42.46	-17.51	24.95	43.50	-18.55	QP
2		227.6906	44.04	-13.74	30.30	46.00	-15.70	QP
3		299.3158	47.80	-12.02	35.78	46.00	-10.22	QP
4	*	361.7139	51.10	-10.40	40.70	46.00	-5.30	QP
5		665.8035	37.41	-5.07	32.34	46.00	-13.66	QP
6		887.6099	33.97	-1.46	32.51	46.00	-13.49	QP

Temperature:	26 °C	Relative Humidity:	54 %
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 3	Test Voltage:	DC 3.3V



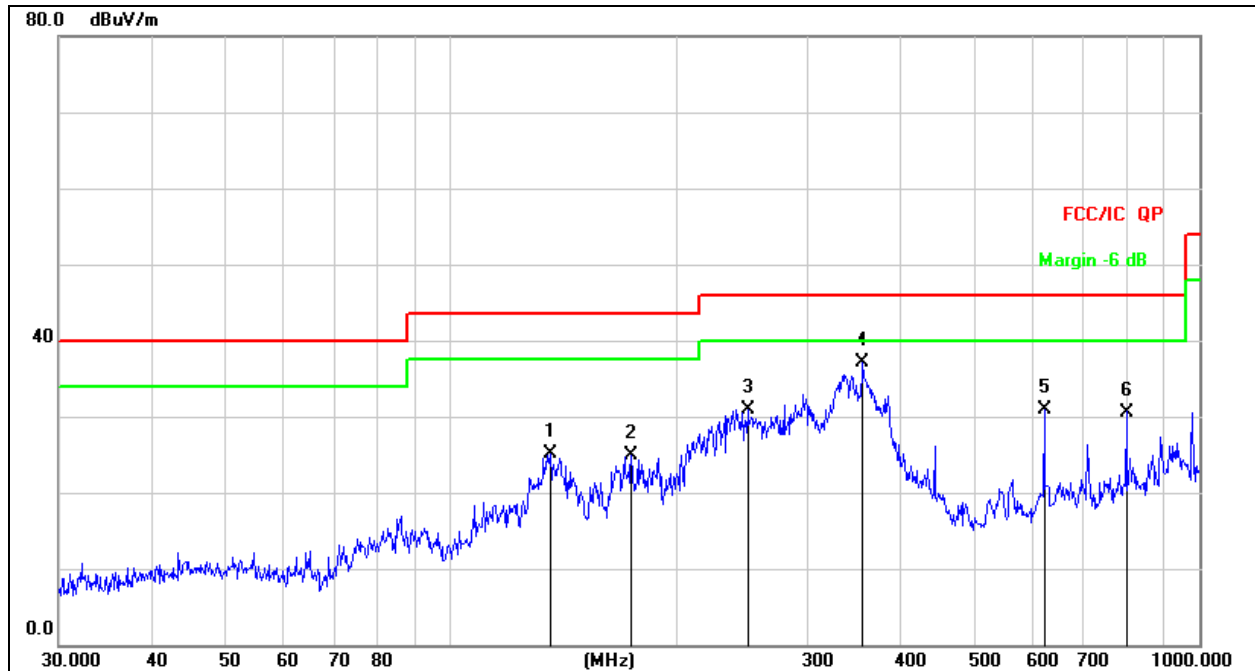
Remark:

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		30.9619	42.38	-15.09	27.29	40.00	-12.71	QP
2		50.9420	39.75	-13.07	26.68	40.00	-13.32	QP
3		90.2205	45.95	-15.29	30.66	43.50	-12.84	QP
4		136.4598	43.80	-16.83	26.97	43.50	-16.53	QP
5	*	360.4476	50.99	-10.43	40.56	46.00	-5.44	QP
6		929.0082	33.96	-1.04	32.92	46.00	-13.08	QP

Antenna 2
Between 30MHz – 1GHz

Temperature:	26 °C	Relative Humidity:	54 %
Pressure:	101KPa	Phase :	Horizontal
Test Mode:	Mode 3	Test Voltage:	DC 3.3V

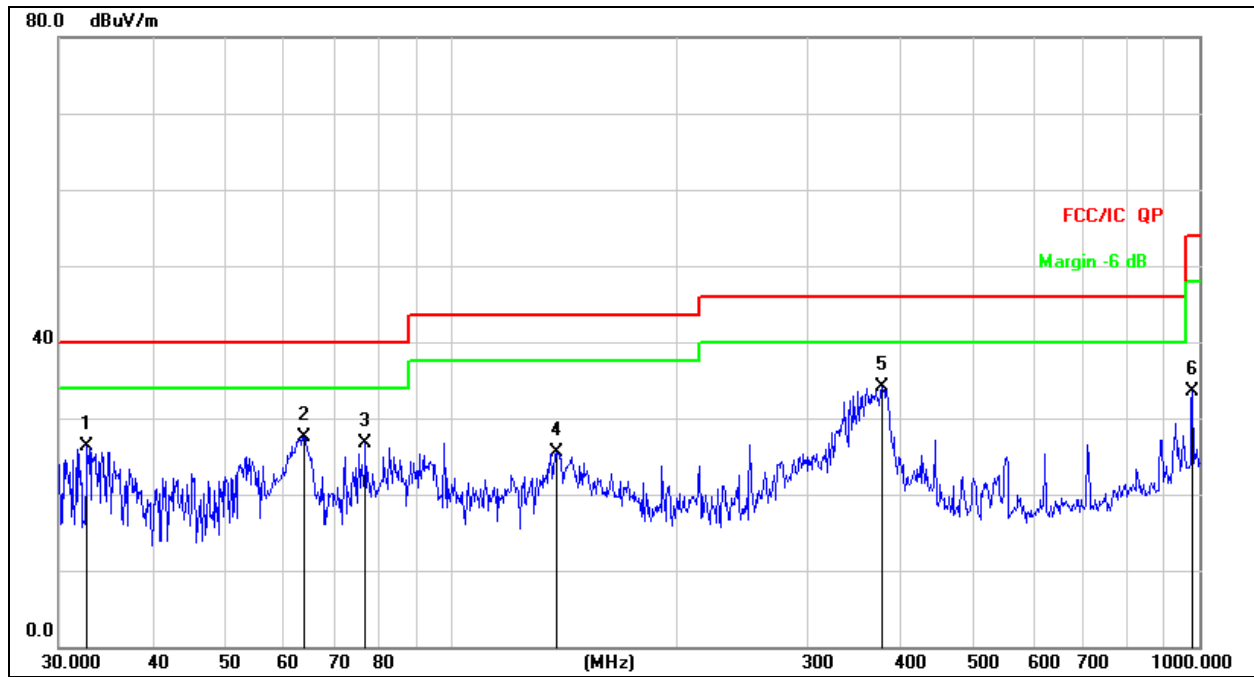


Remark:

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		135.9822	41.86	-16.81	25.05	43.50	-18.45	QP
2		174.4241	40.88	-16.04	24.84	43.50	-18.66	QP
3		249.4250	44.19	-13.21	30.98	46.00	-15.02	QP
4	*	355.4273	47.60	-10.56	37.04	46.00	-8.96	QP
5		620.7096	36.26	-5.30	30.96	46.00	-15.04	QP
6		798.9797	33.22	-2.62	30.60	46.00	-15.40	QP

Temperature:	26 °C	Relative Humidity:	54 %
Pressure:	101KPa	Phase :	Vertical
Test Mode:	Mode 3	Test Voltage:	DC 3.3V



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		32.7486	41.17	-14.88	26.29	40.00	-13.71	QP
2		63.7588	42.92	-15.38	27.54	40.00	-12.46	QP
3		77.0505	42.83	-16.08	26.75	40.00	-13.25	QP
4		138.8735	42.52	-16.97	25.55	43.50	-17.95	QP
5	*	377.2591	44.05	-9.99	34.06	46.00	-11.94	QP
6		979.1804	34.06	-0.59	33.47	54.00	-20.53	QP

Antenna 1

Between 1GHz – 40GHz

Test Mode:	TX(5.1G) - 802.11a
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.029	70.83	-20.73	50.10	68.20	-18.10	PK
Vertical	4434.029	59.77	-20.73	39.03	54.00	-14.97	AV
Vertical	10360.093	61.33	-9.36	51.97	68.20	-16.23	PK
Vertical	10360.093	49.54	-9.36	40.18	54.00	-13.82	AV
Vertical	15540.139	62.57	-7.84	54.73	74.00	-19.27	PK
Vertical	15540.139	49.79	-7.84	41.95	54.00	-12.05	AV
Horizontal	4434.162	73.95	-20.73	53.22	68.20	-14.98	PK
Horizontal	4434.162	59.59	-20.73	38.86	54.00	-15.14	AV
Horizontal	10360.008	64.57	-9.36	55.21	68.20	-12.99	PK
Horizontal	10360.008	49.21	-9.36	39.85	54.00	-14.15	AV
Horizontal	15540.140	61.94	-7.84	54.10	74.00	-19.90	PK
Horizontal	15540.140	49.56	-7.84	41.72	54.00	-12.28	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.162	74.20	-20.42	53.79	74.00	-20.21	PK
Vertical	4592.162	59.88	-20.42	39.46	54.00	-14.54	AV
Vertical	10400.070	64.58	-9.30	55.28	68.20	-12.92	PK
Vertical	10400.070	49.57	-9.30	40.27	54.00	-13.73	AV
Vertical	15600.193	60.85	-7.82	53.03	74.00	-20.97	PK
Vertical	15600.193	49.14	-7.82	41.32	54.00	-12.68	AV
Horizontal	4592.181	70.65	-20.42	50.24	74.00	-23.76	PK
Horizontal	4592.181	59.45	-20.42	39.03	54.00	-14.97	AV
Horizontal	10400.088	63.62	-9.30	54.32	68.20	-13.88	PK
Horizontal	10400.088	49.70	-9.30	40.40	54.00	-13.60	AV
Horizontal	15600.005	63.76	-7.82	55.94	74.00	-18.06	PK
Horizontal	15600.005	49.73	-7.82	41.91	54.00	-12.09	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.026	70.80	-20.12	50.68	74.00	-23.32	PK
Vertical	4739.026	59.05	-20.12	38.93	54.00	-15.07	AV
Vertical	10480.125	62.76	-9.18	53.58	68.20	-14.62	PK
Vertical	10480.125	49.32	-9.18	40.14	54.00	-13.86	AV
Vertical	15720.160	60.62	-7.78	52.84	74.00	-21.16	PK
Vertical	15720.160	49.19	-7.78	41.41	54.00	-12.59	AV
Horizontal	4739.099	70.80	-20.12	50.68	74.00	-23.32	PK
Horizontal	4739.099	59.46	-20.12	39.34	54.00	-14.66	AV
Horizontal	10480.126	63.16	-9.18	53.98	68.20	-14.22	PK
Horizontal	10480.126	49.51	-9.18	40.33	54.00	-13.67	AV
Horizontal	15720.102	60.35	-7.78	52.57	74.00	-21.43	PK
Horizontal	15720.102	49.45	-7.78	41.67	54.00	-12.33	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11n-HT20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.059	74.51	-20.73	53.78	68.20	-14.42	PK
Vertical	4434.059	59.31	-20.73	38.57	54.00	-15.43	AV
Vertical	10360.197	61.04	-9.36	51.68	68.20	-16.52	PK
Vertical	10360.197	49.72	-9.36	40.36	54.00	-13.64	AV
Vertical	15540.172	62.35	-7.84	54.51	74.00	-19.49	PK
Vertical	15540.172	49.70	-7.84	41.86	54.00	-12.14	AV
Horizontal	4434.116	73.33	-20.73	52.60	68.20	-15.60	PK
Horizontal	4434.116	59.15	-20.73	38.42	54.00	-15.58	AV
Horizontal	10360.135	61.77	-9.36	52.41	68.20	-15.79	PK
Horizontal	10360.135	49.66	-9.36	40.30	54.00	-13.70	AV
Horizontal	15540.173	61.68	-7.84	53.84	74.00	-20.16	PK
Horizontal	15540.173	49.57	-7.84	41.73	54.00	-12.27	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.038	73.71	-20.42	53.30	74.00	-20.70	PK
Vertical	4592.038	59.16	-20.42	38.74	54.00	-15.26	AV
Vertical	10400.170	63.10	-9.30	53.80	68.20	-14.40	PK
Vertical	10400.170	49.74	-9.30	40.44	54.00	-13.56	AV
Vertical	15600.029	64.35	-7.82	56.53	74.00	-17.47	PK
Vertical	15600.029	49.11	-7.82	41.29	54.00	-12.71	AV
Horizontal	4592.099	72.58	-20.42	52.16	74.00	-21.84	PK
Horizontal	4592.099	59.04	-20.42	38.63	54.00	-15.37	AV
Horizontal	10400.167	60.63	-9.30	51.33	68.20	-16.87	PK
Horizontal	10400.167	49.57	-9.30	40.27	54.00	-13.73	AV
Horizontal	15600.111	62.51	-7.82	54.69	74.00	-19.31	PK
Horizontal	15600.111	49.52	-7.82	41.70	54.00	-12.30	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.119	74.75	-20.12	54.63	74.00	-19.37	PK
Vertical	4739.119	59.12	-20.12	39.00	54.00	-15.00	AV
Vertical	10480.104	62.98	-9.18	53.80	68.20	-14.40	PK
Vertical	10480.104	49.35	-9.18	40.17	54.00	-13.83	AV
Vertical	15720.183	60.62	-7.78	52.84	74.00	-21.16	PK
Vertical	15720.183	49.12	-7.78	41.34	54.00	-12.66	AV
Horizontal	4739.133	71.18	-20.12	51.05	74.00	-22.95	PK
Horizontal	4739.133	59.55	-20.12	39.43	54.00	-14.57	AV
Horizontal	10480.199	62.29	-9.18	53.11	68.20	-15.09	PK
Horizontal	10480.199	49.92	-9.18	40.74	54.00	-13.26	AV
Horizontal	15720.083	61.75	-7.78	53.97	74.00	-20.03	PK
Horizontal	15720.083	49.87	-7.78	42.09	54.00	-11.91	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11n-HT40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.100	72.33	-20.73	51.59	68.20	-16.61	PK
Vertical	4434.100	59.96	-20.73	39.23	54.00	-14.77	AV
Vertical	10380.022	64.64	-9.33	55.31	68.20	-12.89	PK
Vertical	10380.022	49.24	-9.33	39.91	54.00	-14.09	AV
Vertical	15570.053	64.44	-7.83	56.61	74.00	-17.39	PK
Vertical	15570.053	49.39	-7.83	41.56	54.00	-12.44	AV
Horizontal	4434.081	71.22	-20.73	50.49	74.00	-23.51	PK
Horizontal	4434.081	59.17	-20.73	38.44	54.00	-15.56	AV
Horizontal	10380.162	60.50	-9.33	51.17	68.20	-17.03	PK
Horizontal	10380.162	50.00	-9.33	40.67	54.00	-13.33	AV
Horizontal	15570.113	63.88	-7.83	56.05	74.00	-17.95	PK
Horizontal	15570.113	49.27	-7.83	41.44	54.00	-12.56	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.050	72.74	-20.12	52.62	68.20	-15.58	PK
Vertical	4739.050	59.60	-20.12	39.48	54.00	-14.52	AV
Vertical	10460.049	63.24	-9.21	54.03	68.20	-14.17	PK
Vertical	10460.049	49.35	-9.21	40.14	54.00	-13.86	AV
Vertical	15690.196	63.34	-7.79	55.55	74.00	-18.45	PK
Vertical	15690.196	49.31	-7.79	41.52	54.00	-12.48	AV
Horizontal	4739.069	74.37	-20.12	54.25	68.20	-13.95	PK
Horizontal	4739.069	59.02	-20.12	38.90	54.00	-15.10	AV
Horizontal	10460.112	60.10	-9.21	50.89	68.20	-17.31	PK
Horizontal	10460.112	49.35	-9.21	40.14	54.00	-13.86	AV
Horizontal	15690.019	60.36	-7.79	52.57	74.00	-21.43	PK
Horizontal	15690.019	49.87	-7.79	42.08	54.00	-11.92	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11ac-HT20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.188	70.98	-20.73	50.25	68.20	-17.95	PK
Vertical	4434.188	59.36	-20.73	38.63	54.00	-15.37	AV
Vertical	10360.179	61.01	-9.36	51.65	68.20	-16.55	PK
Vertical	10360.179	49.58	-9.36	40.22	54.00	-13.78	AV
Vertical	15540.098	62.49	-7.84	54.65	74.00	-19.35	PK
Vertical	15540.098	49.18	-7.84	41.34	54.00	-12.66	AV
Horizontal	4434.042	74.51	-20.73	53.77	68.20	-14.43	PK
Horizontal	4434.042	59.20	-20.73	38.47	54.00	-15.53	AV
Horizontal	10360.059	60.39	-9.36	51.03	68.20	-17.17	PK
Horizontal	10360.059	49.26	-9.36	39.90	54.00	-14.10	AV
Horizontal	15540.177	64.35	-7.84	56.51	74.00	-17.49	PK
Horizontal	15540.177	49.30	-7.84	41.46	54.00	-12.54	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.138	74.52	-20.42	54.10	74.00	-19.90	PK
Vertical	4592.138	59.79	-20.42	39.37	54.00	-14.63	AV
Vertical	10400.191	60.16	-9.30	50.86	68.20	-17.34	PK
Vertical	10400.191	49.36	-9.30	40.06	54.00	-13.94	AV
Vertical	15600.103	60.96	-7.82	53.14	74.00	-20.86	PK
Vertical	15600.103	49.48	-7.82	41.66	54.00	-12.34	AV
Horizontal	4592.157	73.91	-20.42	53.50	74.00	-20.50	PK
Horizontal	4592.157	59.05	-20.42	38.64	54.00	-15.36	AV
Horizontal	10400.014	60.57	-9.30	51.27	68.20	-16.93	PK
Horizontal	10400.014	49.57	-9.30	40.27	54.00	-13.73	AV
Horizontal	15600.150	64.57	-7.82	56.75	74.00	-17.25	PK
Horizontal	15600.150	49.84	-7.82	42.02	54.00	-11.98	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.006	72.89	-20.12	52.77	74.00	-21.23	PK
Vertical	4739.006	59.58	-20.12	39.46	54.00	-14.54	AV
Vertical	10480.139	63.59	-9.18	54.41	68.20	-13.79	PK
Vertical	10480.139	49.51	-9.18	40.33	54.00	-13.67	AV
Vertical	15720.089	62.53	-7.78	54.75	74.00	-19.25	PK
Vertical	15720.089	49.32	-7.78	41.54	54.00	-12.46	AV
Horizontal	4739.008	72.17	-20.12	52.05	74.00	-21.95	PK
Horizontal	4739.008	59.54	-20.12	39.42	54.00	-14.58	AV
Horizontal	10480.048	63.16	-9.18	53.98	68.20	-14.22	PK
Horizontal	10480.048	49.48	-9.18	40.30	54.00	-13.70	AV
Horizontal	15720.135	61.38	-7.78	53.60	74.00	-20.40	PK
Horizontal	15720.135	49.72	-7.78	41.94	54.00	-12.06	AV

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

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

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

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

Test Mode:	TX(5.1G) - 802.11ac-HT40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.106	72.87	-20.73	52.14	68.20	-16.06	PK
Vertical	4434.106	59.24	-20.73	38.50	54.00	-15.50	AV
Vertical	10380.161	63.05	-9.33	53.72	68.20	-14.48	PK
Vertical	10380.161	49.99	-9.33	40.66	54.00	-13.34	AV
Vertical	15570.110	62.31	-7.83	54.48	74.00	-19.52	PK
Vertical	15570.110	49.07	-7.83	41.24	54.00	-12.76	AV
Horizontal	4434.034	73.52	-20.73	52.78	74.00	-21.22	PK
Horizontal	4434.034	59.57	-20.73	38.84	54.00	-15.16	AV
Horizontal	10380.120	62.71	-9.33	53.38	68.20	-14.82	PK
Horizontal	10380.120	49.25	-9.33	39.92	54.00	-14.08	AV
Horizontal	15570.108	61.39	-7.83	53.56	74.00	-20.44	PK
Horizontal	15570.108	49.35	-7.83	41.52	54.00	-12.48	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.140	72.36	-20.12	52.23	68.20	-15.97	PK
Vertical	4739.140	59.15	-20.12	39.03	54.00	-14.97	AV
Vertical	10460.124	61.86	-9.21	52.65	68.20	-15.55	PK
Vertical	10460.124	49.17	-9.21	39.96	54.00	-14.04	AV
Vertical	15690.182	64.07	-7.79	56.28	74.00	-17.72	PK
Vertical	15690.182	49.87	-7.79	42.08	54.00	-11.92	AV
Horizontal	4739.174	73.65	-20.12	53.53	68.20	-14.67	PK
Horizontal	4739.174	59.92	-20.12	39.80	54.00	-14.20	AV
Horizontal	10460.037	62.23	-9.21	53.02	68.20	-15.18	PK
Horizontal	10460.037	49.13	-9.21	39.92	54.00	-14.08	AV
Horizontal	15690.094	62.47	-7.79	54.68	74.00	-19.32	PK
Horizontal	15690.094	49.63	-7.79	41.84	54.00	-12.16	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(5.1G) - 802.11ax-HT20
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5180 MHz)-Above 1G							
Vertical	4434.036	71.61	-20.73	50.88	68.20	-17.32	PK
Vertical	4434.036	59.56	-20.73	38.83	54.00	-15.17	AV
Vertical	10360.012	60.59	-9.36	51.23	68.20	-16.97	PK
Vertical	10360.012	49.92	-9.36	40.56	54.00	-13.44	AV
Vertical	15540.003	62.59	-7.84	54.75	74.00	-19.25	PK
Vertical	15540.003	49.22	-7.84	41.38	54.00	-12.62	AV
Horizontal	4434.082	72.59	-20.73	51.86	68.20	-16.34	PK
Horizontal	4434.082	59.95	-20.73	39.22	54.00	-14.78	AV
Horizontal	10360.181	62.10	-9.36	52.74	68.20	-15.46	PK
Horizontal	10360.181	49.93	-9.36	40.57	54.00	-13.43	AV
Horizontal	15540.054	60.56	-7.84	52.72	74.00	-21.28	PK
Horizontal	15540.054	49.26	-7.84	41.42	54.00	-12.58	AV
Middle Channel (5200 MHz)-Above 1G							
Vertical	4592.003	72.36	-20.42	51.94	74.00	-22.06	PK
Vertical	4592.003	59.69	-20.42	39.27	54.00	-14.73	AV
Vertical	10400.018	61.25	-9.30	51.95	68.20	-16.25	PK
Vertical	10400.018	49.90	-9.30	40.60	54.00	-13.40	AV
Vertical	15600.003	61.36	-7.82	53.54	74.00	-20.46	PK
Vertical	15600.003	49.23	-7.82	41.41	54.00	-12.59	AV
Horizontal	4592.041	71.44	-20.42	51.02	74.00	-22.98	PK
Horizontal	4592.041	59.73	-20.42	39.32	54.00	-14.68	AV
Horizontal	10400.072	62.05	-9.30	52.75	68.20	-15.45	PK
Horizontal	10400.072	49.45	-9.30	40.15	54.00	-13.85	AV
Horizontal	15600.013	64.15	-7.82	56.33	74.00	-17.67	PK
Horizontal	15600.013	49.08	-7.82	41.26	54.00	-12.74	AV
High Channel (5240 MHz)-Above 1G							
Vertical	4739.113	72.53	-20.12	52.41	74.00	-21.59	PK
Vertical	4739.113	59.88	-20.12	39.76	54.00	-14.24	AV
Vertical	10480.181	63.88	-9.18	54.70	68.20	-13.50	PK
Vertical	10480.181	49.33	-9.18	40.15	54.00	-13.85	AV
Vertical	15720.175	62.74	-7.78	54.96	74.00	-19.04	PK
Vertical	15720.175	49.12	-7.78	41.34	54.00	-12.66	AV
Horizontal	4739.141	71.15	-20.12	51.02	74.00	-22.98	PK
Horizontal	4739.141	59.68	-20.12	39.56	54.00	-14.44	AV
Horizontal	10480.123	61.60	-9.18	52.42	68.20	-15.78	PK
Horizontal	10480.123	49.05	-9.18	39.87	54.00	-14.13	AV
Horizontal	15720.047	62.05	-7.78	54.27	74.00	-19.73	PK
Horizontal	15720.047	49.21	-7.78	41.43	54.00	-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(5.1G) - 802.11ax-HT40
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5190 MHz)-Above 1G							
Vertical	4434.164	74.20	-20.73	53.46	68.20	-14.74	PK
Vertical	4434.164	59.35	-20.73	38.62	54.00	-15.38	AV
Vertical	10380.120	61.74	-9.33	52.41	68.20	-15.79	PK
Vertical	10380.120	49.78	-9.33	40.45	54.00	-13.55	AV
Vertical	15570.014	64.40	-7.83	56.57	74.00	-17.43	PK
Vertical	15570.014	49.01	-7.83	41.18	54.00	-12.82	AV
Horizontal	4434.014	72.65	-20.73	51.92	74.00	-22.08	PK
Horizontal	4434.014	59.17	-20.73	38.44	54.00	-15.56	AV
Horizontal	10380.064	60.98	-9.33	51.65	68.20	-16.55	PK
Horizontal	10380.064	49.79	-9.33	40.46	54.00	-13.54	AV
Horizontal	15570.093	61.98	-7.83	54.15	74.00	-19.85	PK
Horizontal	15570.093	49.92	-7.83	42.09	54.00	-11.91	AV
Middle Channel (5230 MHz)-Above 1G							
Vertical	4739.102	71.90	-20.12	51.78	68.20	-16.42	PK
Vertical	4739.102	59.46	-20.12	39.34	54.00	-14.66	AV
Vertical	10460.197	62.44	-9.21	53.23	68.20	-14.97	PK
Vertical	10460.197	49.20	-9.21	39.99	54.00	-14.01	AV
Vertical	15690.055	64.40	-7.79	56.61	74.00	-17.39	PK
Vertical	15690.055	49.65	-7.79	41.86	54.00	-12.14	AV
Horizontal	4739.053	71.04	-20.12	50.92	68.20	-17.28	PK
Horizontal	4739.053	59.81	-20.12	39.69	54.00	-14.31	AV
Horizontal	10460.158	60.01	-9.21	50.80	68.20	-17.40	PK
Horizontal	10460.158	49.88	-9.21	40.67	54.00	-13.33	AV
Horizontal	15690.039	61.39	-7.79	53.60	74.00	-20.40	PK
Horizontal	15690.039	49.56	-7.79	41.77	54.00	-12.23	AV

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

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

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

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

Test Mode:	TX(5.3G) - 802.11a
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Polar	Frequency	Reading Level	Correct Factor	Measurement	Limits	Over	Detector Type
(H/V)	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	
Low Channel (5260 MHz)-Above 1G							
Vertical	4434.133	73.23	-20.73	52.50	68.20	-15.70	PK
Vertical	4434.133	59.76	-20.73	39.03	54.00	-14.97	AV
Vertical	10520.073	64.80	-9.12	55.68	68.20	-12.52	PK
Vertical	10520.073	49.39	-9.12	40.27	54.00	-13.73	AV
Vertical	15780.182	63.76	-7.77	55.99	74.00	-18.01	PK
Vertical	15780.182	49.63	-7.77	41.86	54.00	-12.14	AV
Horizontal	4434.135	70.31	-20.73	49.58	68.20	-18.62	PK
Horizontal	4434.135	59.13	-20.73	38.40	54.00	-15.60	AV
Horizontal	10520.134	64.34	-9.12	55.22	68.20	-12.98	PK
Horizontal	10520.134	49.70	-9.12	40.58	54.00	-13.42	AV
Horizontal	15780.136	63.12	-7.77	55.35	74.00	-18.65	PK
Horizontal	15780.136	49.57	-7.77	41.80	54.00	-12.20	AV
Middle Channel (5280 MHz)-Above 1G							
Vertical	4592.036	71.36	-20.42	50.94	74.00	-23.06	PK
Vertical	4592.036	59.20	-20.42	38.79	54.00	-15.21	AV
Vertical	10560.194	63.83	-9.06	54.77	68.20	-13.43	PK
Vertical	10560.194	49.27	-9.06	40.21	54.00	-13.79	AV
Vertical	15840.159	61.76	-7.75	54.01	74.00	-19.99	PK
Vertical	15840.159	49.51	-7.75	41.76	54.00	-12.24	AV
Horizontal	4592.087	74.06	-20.42	53.64	74.00	-20.36	PK
Horizontal	4592.087	59.49	-20.42	39.07	54.00	-14.93	AV
Horizontal	10560.162	64.15	-9.06	55.09	68.20	-13.11	PK
Horizontal	10560.162	49.22	-9.06	40.16	54.00	-13.84	AV
Horizontal	15840.168	62.88	-7.75	55.13	74.00	-18.87	PK
Horizontal	15840.168	49.78	-7.75	42.03	54.00	-11.97	AV
High Channel (5320 MHz)-Above 1G							
Vertical	4739.162	71.17	-20.12	51.05	74.00	-22.95	PK
Vertical	4739.162	59.12	-20.12	39.00	54.00	-15.00	AV
Vertical	10640.053	60.82	-8.94	51.88	68.20	-16.32	PK
Vertical	10640.053	49.84	-8.94	40.90	54.00	-13.10	AV
Vertical	15960.189	63.35	-7.71	55.64	74.00	-18.36	PK
Vertical	15960.189	49.26	-7.71	41.55	54.00	-12.45	AV
Horizontal	4739.062	70.98	-20.12	50.85	74.00	-23.15	PK
Horizontal	4739.062	59.39	-20.12	39.27	54.00	-14.73	AV
Horizontal	10640.161	62.41	-8.94	53.47	68.20	-14.73	PK
Horizontal	10640.161	49.42	-8.94	40.48	54.00	-13.52	AV
Horizontal	15960.117	60.62	-7.71	52.91	74.00	-21.09	PK
Horizontal	15960.117	49.15	-7.71	41.44	54.00	-12.56	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.