



Report No.: 86260807003

Date: August 19, 2026

Page 1 of 40

RF TEST REPORT

Applicant : Teng Yicheng (Chongqing) Communication Equipment Co., Ltd.

Address: Annex 1, No. 11 Jiangying Road, Changshengqiao Town, Nan'an District, Chongqing, China

Manufacturer: Teng Yicheng (Chongqing) Communication Equipment Co., Ltd.

Address: Annex 1, No. 11 Jiangying Road, Changshengqiao Town, Nan'an District, Chongqing, China

EUT Name: AI Glasses

Trade mark: /

Model: F8 Pro, F1 Pro, F2 Pro, F3 Pro, F5 Pro, F6 Pro, F9 Pro, F10 Pro, F11 Pro, F16 Pro, F1, F2, F3, F5, F6, F8, F9, F10, F11, F16

FCC ID: 2BXRF-AIGLASSES

Rating: DC 5V
Battery 3.8V

Sample Received Date: Aug. 7, 2026

Test Date: Aug. 7, 2026~Aug. 19, 2026

Applicable Standards: FCC 47, CFR Part 15.247

Test Result Pass

Prepared by: *Jojo Wu*

Approved by: *Bruce Zhang*

Jojo Wu/Project Engineer

Bruce Zhang/Technical Manager

HD Testing Technology (GuangDong) Co., Ltd.

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Page 2 of 40

Revision History

Version	Date of Issue	Description
V00	August 19, 2026	Original Version

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TABLE OF CONTENTS

1. TEST SUMMARY	4
2. TEST SITE	5
2.1. Test Facility	5
2.2. Measurement Uncertainty	5
2.3. Test Environment Condition	5
3. TEST EQUIPMENT LIST	6
4. EUT DESCRIPTION	8
4.1. Description of Test Configuration	9
4.2. Equipment Modifications	9
5. TEST METHODOLOGY	10
5.1. EUT System Operation	10
5.2. Configuration and Mode	10
6. SETUP OF EQUIPMENT UNDER TEST	11
6.1. Description of Support Units	11
6.2. Block Diagram of EUT Configuration	11
6.3. EUT Exercise Software	12
7. TEST RESULTS AND MEASUREMENT DATA	13
7.1. Antenna Requirement	13
7.2. Maximum Conducted Output Power	14
7.3. 6db Bandwidth	15
7.4. Power Spectral Density	16
7.5. Out of Band Conducted Emission	17
7.6. Band Edge	19
7.7. Radiated Spurious Emissions	25
7.8. Conducted Emission	36
8. PHOTOGRAPHS OF TEST SET-UP	39
9. PHOTOGRAPHS OF EUT	40

1. TEST SUMMARY

FCC Part 15C	Description of Test	Result
15.247(b)(4)&15.203	Antenna Requirement	Pass
15.247(b)(3)	Maximum Conducted Output power	Pass
15.247(a)(2)	6 dB Bandwidth	Pass
15.247(e)	Power Spectral Density	Pass
15.247(d)	Out of Band Conducted Emission	Pass
15.247(d)&15.205&15.209	Band edge	Pass
15.247(d)&15.205&15.209	Spurious Radiated Emission	Pass
15.207	Conducted Emission on AC Mains	Pass

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2. TEST SITE

2.1. Test Facility

HD Testing Technology (GuangDong) Co., Ltd.

Address: Building 1, No.18, Shihuan Road, Dongcheng Subdistrict, Dongguan, Guangdong, China

A2LA Certificate Number.:7547.01

FCC Designation Number:CN1419

FCC Test Firm Registration Number:361541

ISED Company Number:34332

ISED CAB identifier Number:CN0189

2.2. Measurement Uncertainty

Parameter	Uncertainty
Conducted Emission(150KHz-30MHz)	$\pm 3.2\text{dB}$
Radiated Emission(9KHz-30MHz)	$\pm 3.5\text{dB}$
Radiated Emission(30MHz-1GHz)	$\pm 4.7\text{dB}$
Radiated Emission (1GHz-6GHz)	$\pm 5.1\text{dB}$
Radiated Emission (6GHz-18GHz)	$\pm 5.1\text{dB}$
Radiated Emission (18GHz-40GHz)	$\pm 5.3\text{dB}$
Occupied bandwidth	$\pm 1.9\%$
Duty cycle	$\pm 0.11\%$
Power Spectral Density	$\pm 0.98\text{ dB}$

Note 1: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

2.3. Test Environment Condition

Ambient Temperature:	24~25°C
Ambient Relative Humidity:	55~60 %

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3. TEST EQUIPMENT LIST

Equipment	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCI	HDT-EM-003	Mar. 03, 2026	1 Year
Pulse limiter	Rohde&Schwarz	ESH3-Z2	HDT-EM-001	Mar. 03, 2026	1 Year
LISN	Rohde&Schwarz	ENV216	HDT-EM-002	Mar. 03, 2026	1 Year
Shielding Room	Taihe Mao Rui Electronic Equipment Co., Ltd.	8m*4m*4m	HDT-EM-030	Oct. 12, 2024	5 Year
EMI Test Receiver	Rohde&Schwarz	ESCI7	HDT-EM-005	Mar. 03, 2026	1 Year
Logarithmic Periodic Broadband Antenna	SCHWARZBECK	VULB9168	HDT-EM-009	Mar. 06, 2026	3 Year
Preamplifier	HP	8447F	HDT-EM-010	Mar. 03, 2026	1 Year
Horn Antenna	SCHWARZBECK	BBHA 9120D	HDT-EM-039	Mar. 06, 2026	3 Year
Preamplifier	/	1-18-53G22	HDT-EM-040	Mar. 03, 2026	1 Year
Anechoic Chamber	Taihe Mao Rui Electronic Equipment Co., Ltd.	9m*6m*6m	HDT-EM-030	Oct. 12, 2024	5 Year
Signal Analyzer	Keysight	N9020A	HDT-EM-038	Mar. 03, 2026	1 Year
Spectrum Analyzer	Rohde&Schwarz	FSV-40N	HDT-EM-069	Mar. 03, 2026	1 Year
18-40GHz Antenna	COM-MW	ZLB7-18-40G-77 7	HDT-EM-076	May 18, 2026	1 Year

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18-40GHz Preamplifier	QUANJUDA	LNA-18004000-50G35	HDT-EM-077	May 16, 2026	1 Year
Loop Antenna	Da Ze	ZN30900C	HDT-EM-053	May 16, 2025	3 Year
Power Meter	Agilent	N1910A	HDT-EM-081	May 16, 2026	1 Year
Filter	WCS Technology	ZBSF6-C2400-2483.5-294	HDT-EM-070	May 16, 2026	1 Year
RF Cable	Rosenberger	/	HDT-EM-078	May 17, 2025	3 Year
RF Cable	COM-MW	DCA9-2.92M80002.92M3.6-1304	HDT-EM-079	May 17, 2025	3 Year
DC Power	Agilent	E3632A	HDT-EM-043	Mar. 03, 2026	1Year
Power switching box	WCS Technology	SMU-3002	HDT-EM-047	Apr. 16, 2026	1 Year
Temperature Chamber	Guangke	GK-TH-1000	HDT-EM-039	Nov.24, 2025	1 Year
RF Test Software	WCS Technology	WCN-Regulatory	Version 25.06.2801		
EMI Test Software	Tonscend	JS32-CE	Version 5.0.0		
EMI Test Software	Tonscend	JS32-RE	Version 5.0.0		

Note:The attenuator is integrated into the Power Switch Box and taken into consideration during testing.

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4. EUT DESCRIPTION

Product:	AI Glasses
Test Model:	F8 Pro
Additional Model:	F1 Pro, F2 Pro, F3 Pro, F5 Pro, F6 Pro, F9 Pro, F10 Pro, F11 Pro, F16 Pro, F1, F2, F3, F5, F6, F8, F9, F10, F11, F16
Rating:	DC 5V Battery 3.8V
FCC ID:	2BXRF-AIGLASSES
Antenna Type:	Wire Antenna
Antenna Gain:	0.17dBi
Specification	2.4G WIFI,b/g/n20
Operation Frequency:	2412-2462MHz
Number of Channels:	11
Modulation Type:	DSSS,OFDM
Hardware Version:	V1.0
Software Version:	V1.0

Note:

- 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
- 2) Antenna gain was provided by the applicant/ manufacturer, and the applicant/ manufacturer is responsible for its validity.
- 3) The 802.11b/g/n20 standard of the 2.4G WIFI has been tested, and the report only presents the worst results.
- 4) The product model is F8 Pro the same PCB layout, electronic schematic antenna, mechanical structure, and design as F1 Pro, F2 Pro, F3 Pro, F5 Pro, F6 Pro, F9 Pro, F10 Pro, F11 Pro, F16 Pro, F1, F2, F3, F5, F6, F8, F9, F10, F11, F16 .Only the models are difference.
- 5) The test results in the report only apply to the tested sample.

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4.1. Description of Test Configuration

Channel List for 802.11b / 802.11g / 802.11n(HT20):

Channel	Frequency(MHz)	Channel	Frequency(MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437		

Test Channel

For 802.11b, 802.11g, 802.11n mode, EUT was tested with Channel 1, 6 and 11:

- Low Channel:2412MHz
- Middle Channel: 2437MHz
- High Channel:2462MHz

4.2. Equipment Modifications

Any modifications installed previous to testing by Teng Yicheng (Chongqing) Communication Equipment Co., Ltd. will be incorporated in each production model sold / leased in the United States.

No modifications were installed by HD Testing Technology (GuangDong) Co., Ltd..

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5. TEST METHODOLOGY

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+Errata to C63.10a-2024 and KDB 558074 D01 15.247 Meas Guidance v05r02.

5.1. EUT System Operation

For emissions testing, the equipment under test (EUT) setup to transmit continuously to simplify the measurement methodology. Care was taken to ensure proper power supply voltages during testing. During testing, all cables were manipulated to produce worst case emissions. The EUT was powered by DC 5V from adapter and battery 3.8V during the test.

5.2. Configuration and Mode

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows.

Based on the baseline scan, the worst-case data rates were:

Mode	Data rate
802.11b	1Mbps
802.11g	6 Mbps
802.11n HT20	MCS0

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6. SETUP OF EQUIPMENT UNDER TEST

6.1. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Support Equipment

No.	Equipment	Model	Serial No.	Manufacturer
1	Notebook	Lenovo Rescuer 15ISK	PF0GS9S1	Lenovo
2	USB serial port board	CP2102	/	Silicon Labs
3	Adapter	MNY-14-EE	/	MI

Support Cable

No.	Description	Shield	Length	Manufacturer
1	/	/	/	/
2	/	/	/	/

Note: 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.

6.2. Block Diagram of EUT Configuration

Conducted and radiated emission configuration

Adapter/Battery



EUT

RF Conducted configuration



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6.3. EUT Exercise Software

Test software: WiFi TestTool

Version:V1.1.9

Frequency (MHz)	Power Setting		
	b mode	g mode	n20 mode
2412	7	8	8
2437	7	8	8
2462	7	8	8

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7. TEST RESULTS AND MEASUREMENT DATA

7.1. Antenna Requirement

Test Requirement:	FCC Part Part 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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. FCC Part 15.247(b)(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi.if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
Test Result:	According to the manufacturer declared, the EUT has a Wire antenna, the Maximum directional gain of antenna is 0.17dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision. Refer to EUT Photo for further details.

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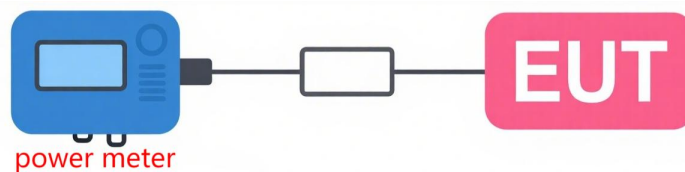
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7.2. Maximum Conducted Output Power

Test Requirement:	FCC Part 15.247 (b)(3)
Test Mode:	Transmitting mode with modulation
Limit:	For antennas with gains of 6 dBi or less, maximum allowed Transmitter output is 1 watt (+30 dBm).
Test Procedure:	Method PM is Measurement using an RF Peak power meter. The procedure for this method is as follows: 1.The testing follows the ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024+ Errata to C63.10a-2024 and KDB 558074 D01 15.247 Section 11.9.1.2. 2.The maximum peak conducted output power may be measured using a broadband peak RF power meter. 3.The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.
Test Result:	PASS

7.2.1. Test Setup:



7.2.2. Test Result

Please refer to Appendix A:Test Results of 2.4G WIFI.

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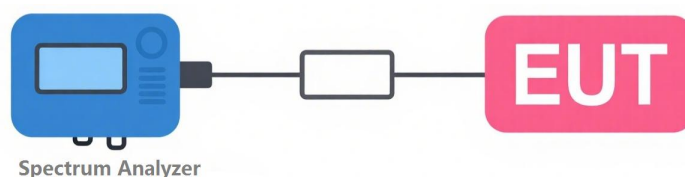
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7.3. 6db Bandwidth

Test Requirement:	FCC Part 15.247 (a)(2)
Test Mode:	Transmitting mode with modulation
Limit:	The 6 dB Bandwidth is at least 500 kHz.
Test Procedure:	(1) Connect EUT's antenna output to spectrum analyzer by RF cable. (2) Set the spectrum analyzer as follows: Set RBW = shall be in the range of 1% to 5% of the OBW but not less than 100 kHz. Set the VBW > [3 x RBW]. Detector =peak. Trace mode = max-hold. Sweep = No faster than coupled (auto) time. Allow the trace to stabilize. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the "-6 dB down amplitude". If a marker is below this "-6 dB down amplitude" value, then it shall be as close as possible to this value.
Test Result:	PASS

7.3.1. Test Setup:



7.3.2. Test Result

Please refer to Appendix A:Test Results of 2.4G WIFI..

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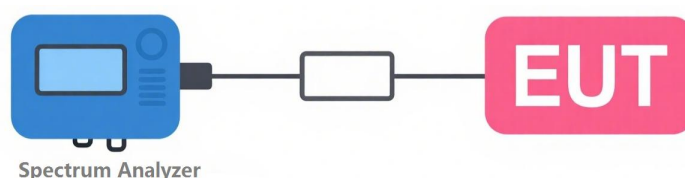
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7.4. Power Spectral Density

Test Requirement:	FCC Part 15.247 (e)
Test Mode:	Transmitting mode with modulation
Limit:	The Power Density does not exceed 8dBm/3 kHz.
Test Procedure:	Set spectrum analyzer as following: Set RBW $\geq$ 3kHz. Set VBW $\geq$ 3 x RBW. Set span to 1.5 times the DTS bandwidth Sweep time = auto couple. Detector = peak. Trace mode = max hold. Allow trace to fully stabilize. Use peak marker function to determine the peak amplitude level.
Test Result:	PASS

7.4.1. Test Setup



7.4.2. Test Result

Please refer to Appendix A:Test Results of 2.4G WIFI.

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7.5. Out of Band Conducted Emission

Test Requirement:	FCC Part15.247 (d)
Test Mode:	Transmitting mode with modulation
Limit:	At least 20 dB below the highest level of the desired power in the pass band.
Test Procedure:	Measurement Procedure -Reference Level Set the RBW = 100 kHz.a. Set the VBW $\geq$ 300 kHz. Detector = peak. Sweep time = auto couple Trace mode = max hold.。 Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level in any 100 kHz band segment within the fundamental EBW. Measurement Procedure -Unwanted Emission Level Set RBW = 100 kHz. Set VBW $\geq$ 300 kHz. Set span to encompass the spectrum to be examined. Detector = peak. Trace Mode = max hold.2 Sweep = auto couple.
Test Result:	PASS

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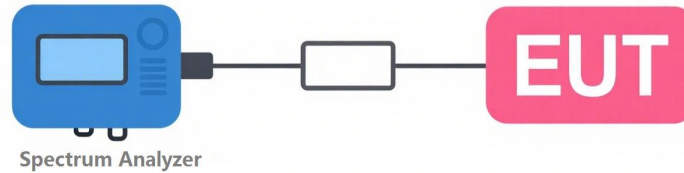
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7.5.1. Test Setup:



7.5.2. Test Result

Please refer to Appendix A:Test Results of 2.4G WIFI.

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7.6. Band Edge

Test Requirement:	FCC Part15 C 15.247(d), 15.205, 15.209																										
Test Mode:	Transmitting mode with modulation																										
Limit:	<table><tr><td>Frequency Range (MHz)</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance(meters)</td></tr><tr><td>0.009~0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490~1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705~30.0</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table>			Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance(meters)	0.009~0.490	2400/F(kHz)	300	0.490~1.705	24000/F(kHz)	30	1.705~30.0	30	30	30-88	100	3	88-216	150	3	216-960	200	3	Above 960	500	3
Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance(meters)																									
0.009~0.490	2400/F(kHz)	300																									
0.490~1.705	24000/F(kHz)	30																									
1.705~30.0	30	30																									
30-88	100	3																									
88-216	150	3																									
216-960	200	3																									
Above 960	500	3																									
Test Procedure:	1. The EUT was placed on a turntable with 1.5 meter for frequency above 1GHz respectively above ground. 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. 3. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines. 4. Set to the maximum power setting and enable the EUT transmit continuously. Note:Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis(X, Y, Z,). The worst case emissions were reported																										
Test Result:	PASS																										

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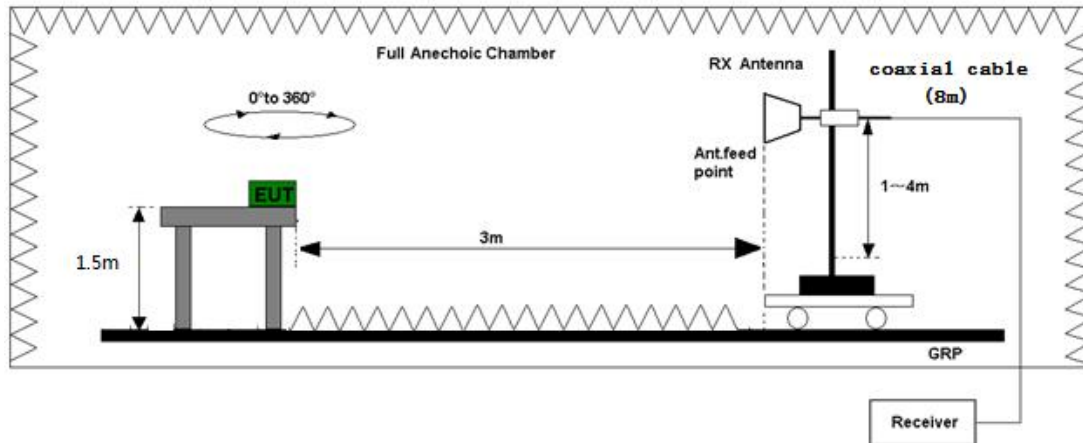
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7.6.1. Test Setup:



Test set-up of radiated disturbance (Above 1GHz)

7.6.2. Test Result

Test Voltage	DC 3.8V from battery
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Note: Only worse case 802.11b is reported.

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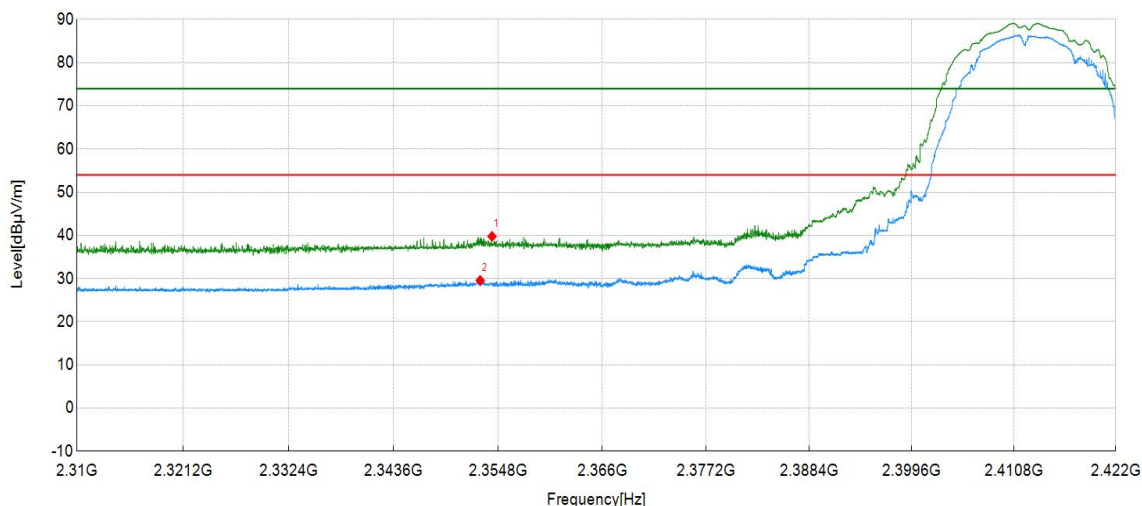
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802.11b-2412MHz

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2354.14	63.14	39.77	-23.37	74.00	34.23	150	360	PK	Horizontal	PASS
2	2352.86	52.94	29.57	-23.37	54.00	24.43	150	350	AV	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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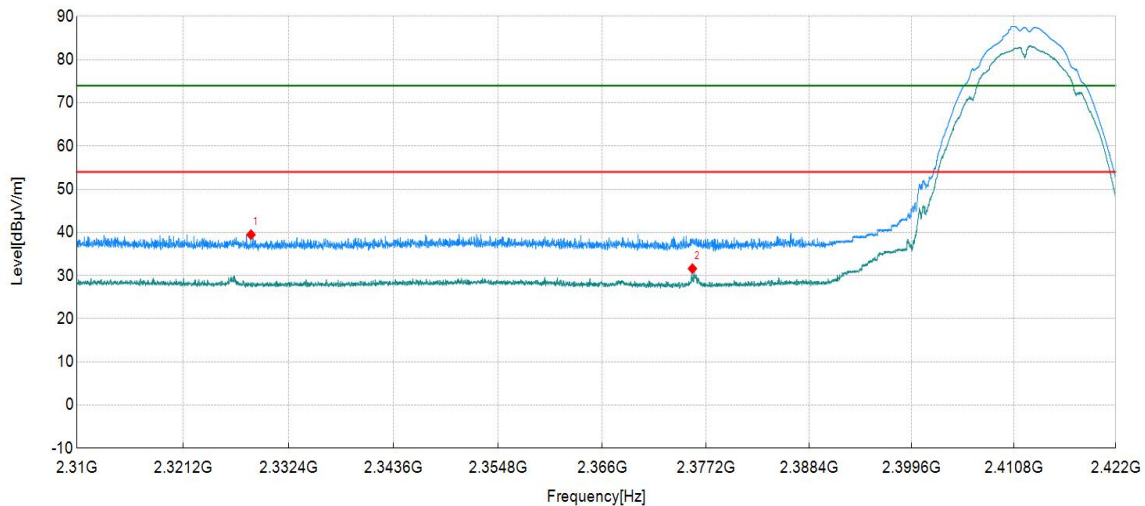
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2328.42	62.79	39.47	-23.32	74.00	34.53	150	140	PK	Vertical	PASS
2	2375.73	55.02	31.61	-23.41	54.00	22.39	150	50	AV	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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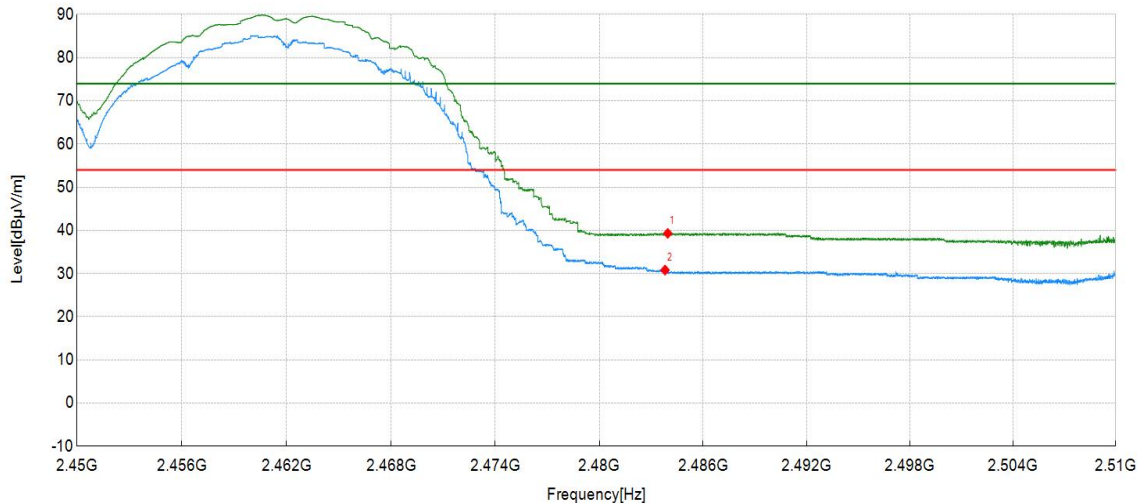
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802.11b-2462MHz

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2483.95	62.76	39.31	-23.45	74.00	34.69	100	70	PK	Horizontal	PASS
2	2483.80	54.26	30.81	-23.45	54.00	23.19	100	250	AV	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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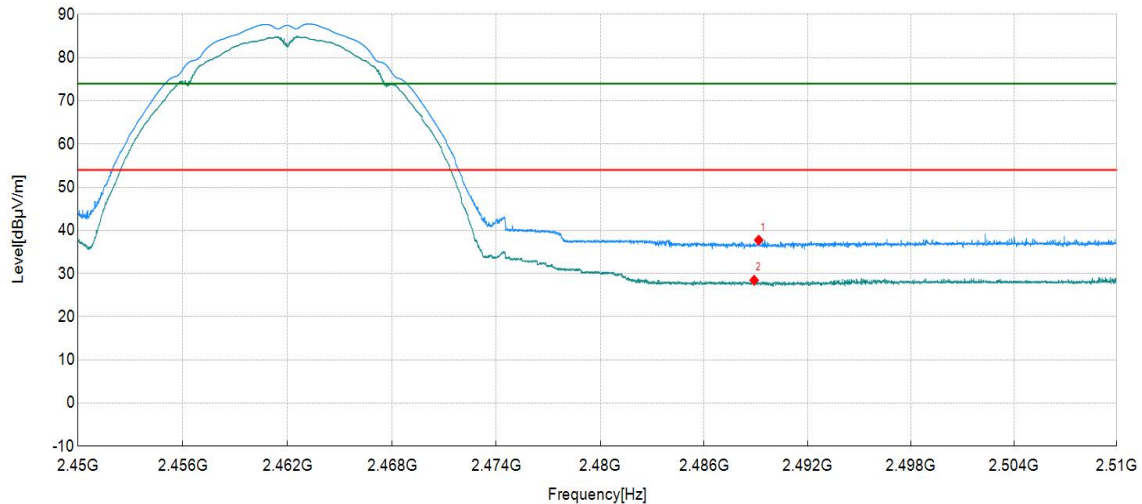
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	2489.16	61.20	37.75	-23.45	74.00	36.25	100	130	PK	Vertical	PASS
2	2488.90	51.91	28.46	-23.45	54.00	25.54	100	310	AV	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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7.7. Radiated Spurious Emissions

Test Requirement:	FCC Part15 C 15.247(d), 15.205, 15.209																										
Test Mode:	Transmitting mode with modulation																										
Limit:	<table><tr><td>Frequency Range (MHz)</td><td>Field Strength (microvolts/meter)</td><td>Measurement Distance(meters)</td></tr><tr><td>0.009~0.490</td><td>2400/F(kHz)</td><td>300</td></tr><tr><td>0.490~1.705</td><td>24000/F(kHz)</td><td>30</td></tr><tr><td>1.705~30.0</td><td>30</td><td>30</td></tr><tr><td>30-88</td><td>100</td><td>3</td></tr><tr><td>88-216</td><td>150</td><td>3</td></tr><tr><td>216-960</td><td>200</td><td>3</td></tr><tr><td>Above 960</td><td>500</td><td>3</td></tr></table>			Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance(meters)	0.009~0.490	2400/F(kHz)	300	0.490~1.705	24000/F(kHz)	30	1.705~30.0	30	30	30-88	100	3	88-216	150	3	216-960	200	3	Above 960	500	3
	Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance(meters)																								
	0.009~0.490	2400/F(kHz)	300																								
	0.490~1.705	24000/F(kHz)	30																								
	1.705~30.0	30	30																								
	30-88	100	3																								
	88-216	150	3																								
	216-960	200	3																								
	Above 960	500	3																								
Test Procedure:	Radiated emission measurements were performed from 9kHz to tenth harmonic or 40GHz. The EUT for testing is arranged on a styrene turntable. If some peripherals apply to the EUT, the peripherals will be connected to EUT and the whole system. During the test, all cables were arranged to produce worst-case emissions. The signal is maximized through rotation. The height of antenna and polarization is changing constantly for exploring for maximum signal level. The height of antenna can be up to 4 meters and down to 1 meter. Note:Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis(X, Y, Z,). The worst case emissions were reported																										
Test Result:	Pass																										

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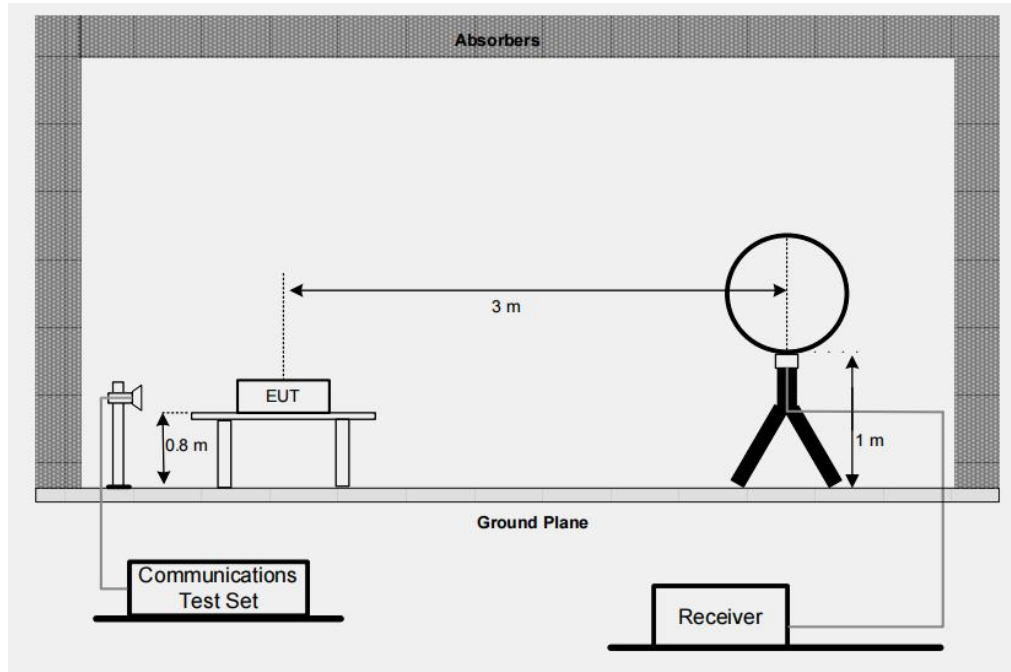
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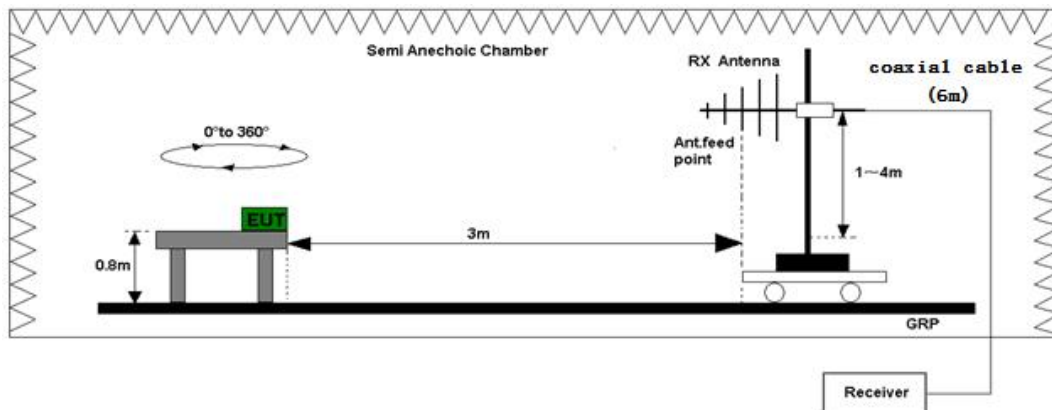
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7.7.1. Test Setup:



Test set-up of radiated disturbance (Up to 30MHz)



Test set-up of radiated disturbance (30MHz to 1GHz)

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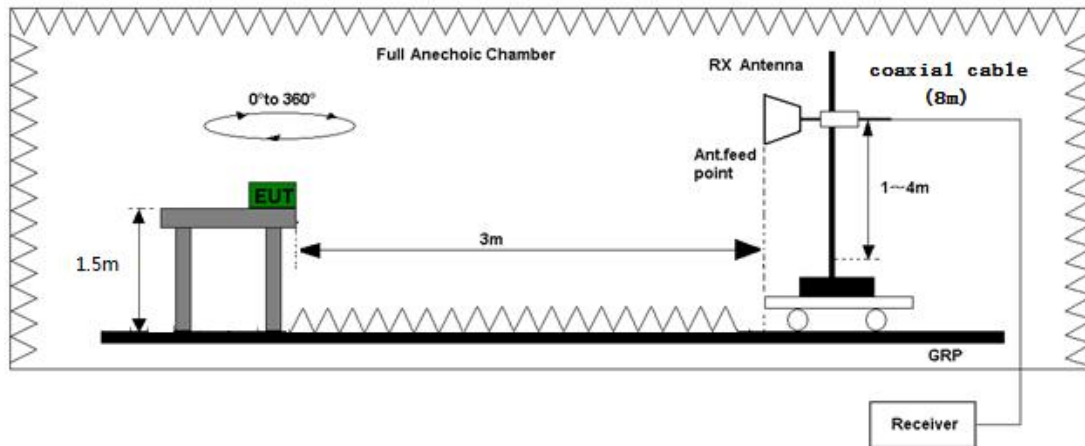
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Test set-up of radiated disturbance (Above 1GHz)

7.7.2. Test Result

Test Voltage	DC 5V from adapter(120V/60Hz)
--------------	-------------------------------

Up to 30MHz

Note:

- 1.For 9KHz to 30MHz and above 18 GHz, a pre-scan was performed, and the result was 20 dB lower than the limit line, the test data was not shown in the report.
- 2.Only worse case 802.11b is reported.

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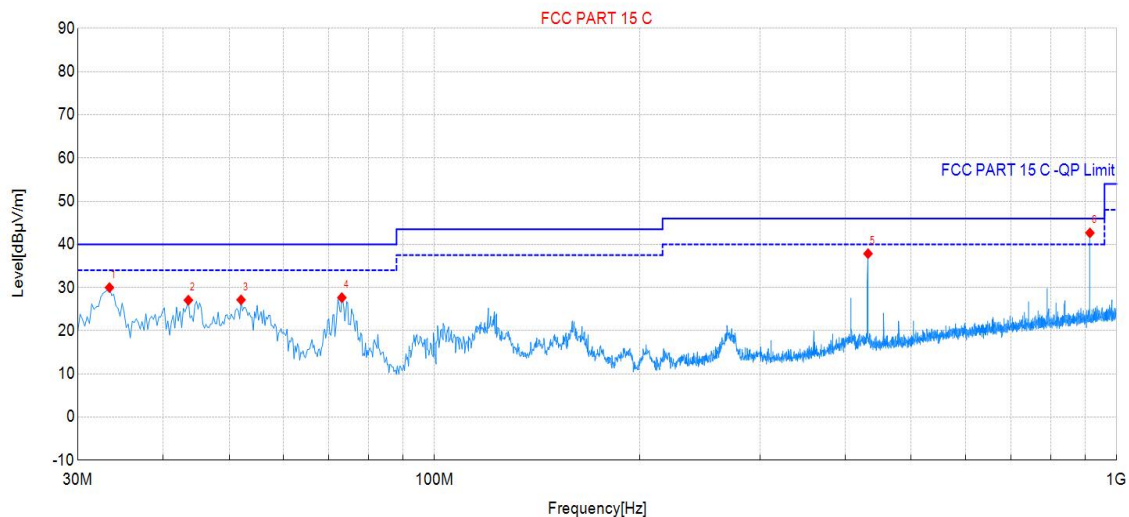
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Spurious Emission below 1GHz

Worst-case:802.11b mode-2412MHz

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	33.40	47.59	30.00	-17.59	40.00	10.00	100	0	QP	Vertical	PASS
2	43.58	44.16	27.08	-17.08	40.00	12.92	100	287	QP	Vertical	PASS
3	52.07	44.54	27.15	-17.39	40.00	12.85	100	353	QP	Vertical	PASS
4	73.17	47.57	27.67	-19.90	40.00	12.33	100	193	QP	Vertical	PASS
5	432.07	51.62	37.85	-13.77	46.00	8.15	100	18	QP	Vertical	PASS
6	913.67	49.75	42.66	-7.09	46.00	3.34	100	18	QP	Vertical	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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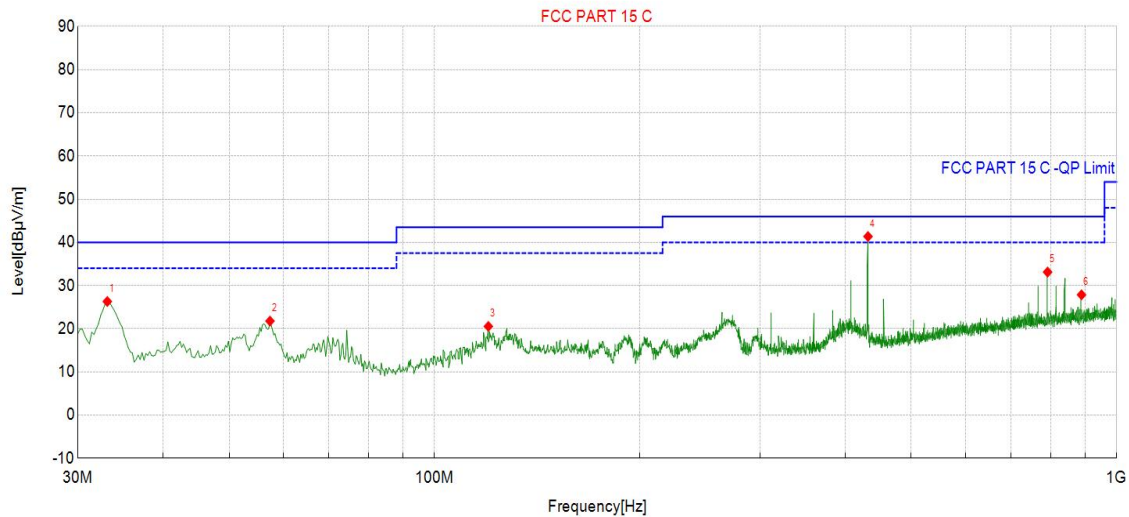
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	33.15	43.91	26.31	-17.60	40.00	13.69	100	91	QP	Horizontal	PASS
2	57.40	39.60	21.78	-17.82	40.00	18.22	100	358	QP	Horizontal	PASS
3	119.97	38.33	20.54	-17.79	43.50	22.96	100	7	QP	Horizontal	PASS
4	432.07	55.14	41.37	-13.77	46.00	4.63	100	289	QP	Horizontal	PASS
5	792.18	41.12	33.13	-7.99	46.00	12.87	100	120	QP	Horizontal	PASS
6	888.21	35.14	27.86	-7.28	46.00	18.14	100	223	QP	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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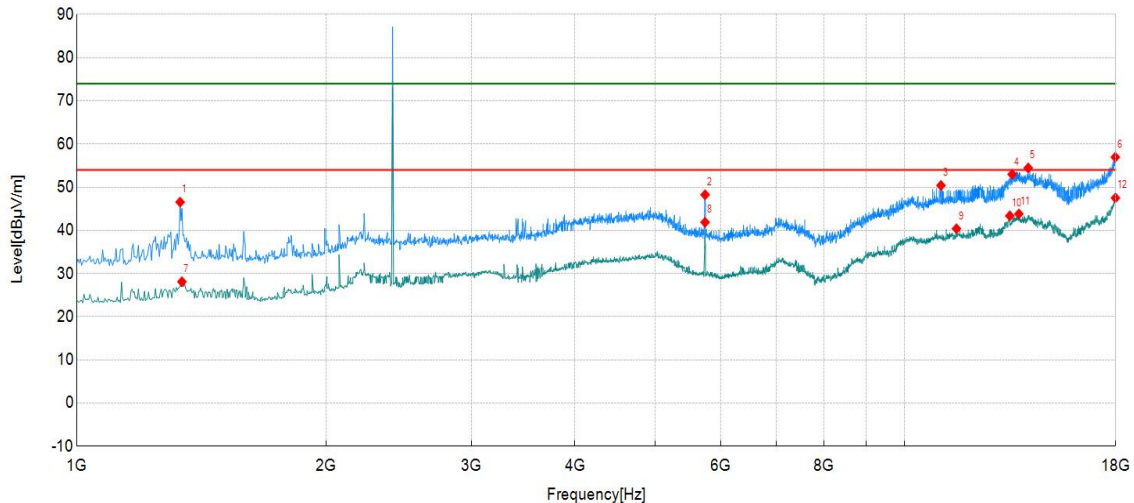
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Radiated Emissions (Above 1GHz)

Worst-case:802.11b mode-2412MHz:

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1333.27	72.15	46.55	-25.60	74.00	27.45	150	346	PK	Vertical	PASS
2	5743.95	70.41	48.25	-22.16	74.00	25.75	150	213	PK	Vertical	PASS
3	11072.81	61.36	50.40	-10.96	74.00	23.60	150	213	PK	Vertical	PASS
4	13497.50	63.91	52.98	-10.93	74.00	21.02	150	201	PK	Vertical	PASS
5	14113.02	64.37	54.47	-9.90	74.00	19.53	150	159	PK	Vertical	PASS
6	17983.00	59.81	56.96	-2.85	74.00	17.04	150	9	PK	Vertical	PASS
7	1340.07	53.72	28.11	-25.61	54.00	25.89	150	346	AV	Vertical	PASS
8	5743.95	64.04	41.88	-22.16	54.00	12.12	150	359	AV	Vertical	PASS
9	11559.11	50.76	40.39	-10.37	54.00	13.61	150	126	AV	Vertical	PASS
10	13409.08	54.54	43.37	-11.17	54.00	10.63	150	320	AV	Vertical	PASS
11	13752.55	54.50	43.81	-10.69	54.00	10.19	150	170	AV	Vertical	PASS
12	17989.80	50.25	47.52	-2.73	54.00	6.48	150	346	AV	Vertical	PASS

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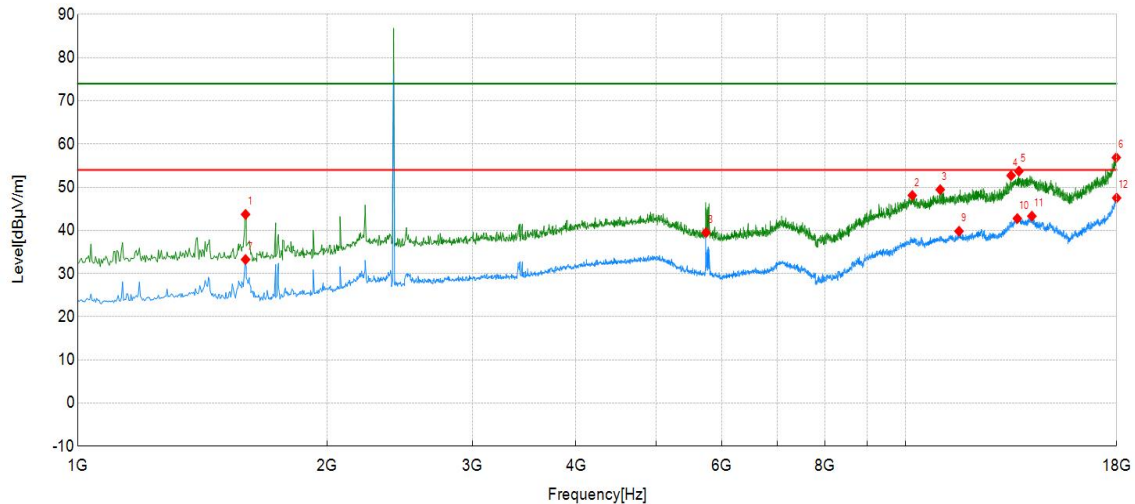
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1595.12	69.78	43.71	-26.07	74.00	30.29	150	359	PK	Horizontal	PASS
2	10195.44	61.26	48.10	-13.16	74.00	25.90	150	178	PK	Horizontal	PASS
3	11018.40	60.42	49.44	-10.98	74.00	24.56	150	138	PK	Horizontal	PASS
4	13419.28	63.83	52.69	-11.14	74.00	21.31	150	9	PK	Horizontal	PASS
5	13715.14	64.47	53.71	-10.76	74.00	20.29	150	339	PK	Horizontal	PASS
6	17983.00	59.72	56.87	-2.85	74.00	17.13	150	329	PK	Horizontal	PASS
7	1595.12	59.32	33.25	-26.07	54.00	20.75	150	359	AV	Horizontal	PASS
8	5743.95	61.66	39.50	-22.16	54.00	14.50	150	169	AV	Horizontal	PASS
9	11610.12	50.20	39.81	-10.39	54.00	14.19	150	359	AV	Horizontal	PASS
10	13653.93	53.56	42.74	-10.82	54.00	11.26	150	329	AV	Horizontal	PASS
11	14218.44	53.05	43.30	-9.75	54.00	10.70	150	84	AV	Horizontal	PASS
12	18000.00	50.08	47.52	-2.56	54.00	6.48	150	138	AV	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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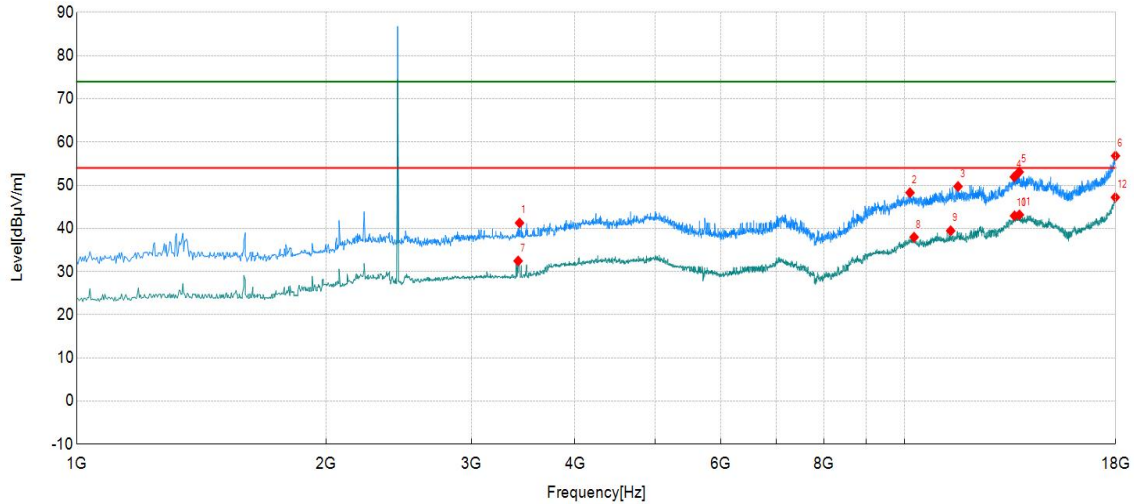
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Worst-case:802.11b mode-2437MHz:

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	3428.09	63.43	41.26	-22.17	74.00	32.74	150	124	PK	Vertical	PASS
2	10158.03	61.54	48.27	-13.27	74.00	25.73	150	295	PK	Vertical	PASS
3	11610.12	60.10	49.71	-10.39	74.00	24.29	150	103	PK	Vertical	PASS
4	13579.12	62.79	51.92	-10.87	74.00	22.08	150	1	PK	Vertical	PASS
5	13762.75	63.74	53.06	-10.68	74.00	20.94	150	167	PK	Vertical	PASS
6	17993.20	59.48	56.80	-2.68	74.00	17.20	150	157	PK	Vertical	PASS
7	3414.48	54.69	32.46	-22.23	54.00	21.54	150	352	AV	Vertical	PASS
8	10273.65	50.82	37.96	-12.86	54.00	16.04	150	305	AV	Vertical	PASS
9	11375.48	50.10	39.45	-10.65	54.00	14.55	150	359	AV	Vertical	PASS
10	13585.92	53.76	42.90	-10.86	54.00	11.10	150	124	AV	Vertical	PASS
11	13772.95	53.79	43.13	-10.66	54.00	10.87	150	8	AV	Vertical	PASS
12	17986.40	49.98	47.19	-2.79	54.00	6.81	150	254	AV	Vertical	PASS

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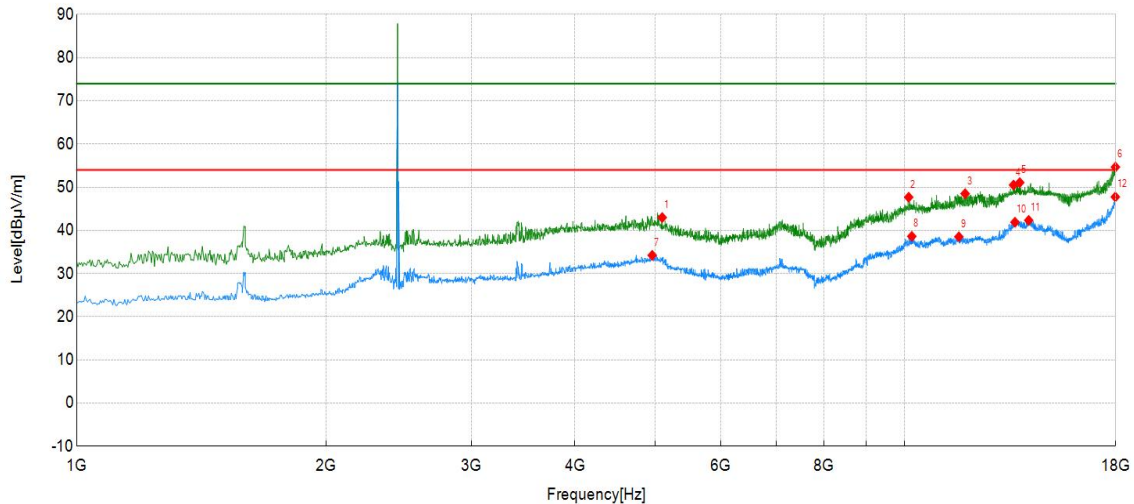
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	5097.82	61.96	42.97	-18.99	74.00	31.03	150	350	PK	Horizontal	PASS
2	10120.62	61.06	47.68	-13.38	74.00	26.32	150	130	PK	Horizontal	PASS
3	11841.37	59.32	48.50	-10.82	74.00	25.50	150	310	PK	Horizontal	PASS
4	13548.51	61.39	50.50	-10.89	74.00	23.50	150	70	PK	Horizontal	PASS
5	13783.16	61.71	51.07	-10.64	74.00	22.93	150	240	PK	Horizontal	PASS
6	17989.80	57.40	54.67	-2.73	74.00	19.33	150	160	PK	Horizontal	PASS
7	4958.39	52.96	34.22	-18.74	54.00	19.78	150	100	AV	Horizontal	PASS
8	10209.04	51.72	38.61	-13.11	54.00	15.39	150	60	AV	Horizontal	PASS
9	11637.33	48.99	38.52	-10.47	54.00	15.48	150	160	AV	Horizontal	PASS
10	13602.92	52.75	41.89	-10.86	54.00	12.11	150	230	AV	Horizontal	PASS
11	14133.43	52.19	42.33	-9.86	54.00	11.67	150	280	AV	Horizontal	PASS
12	17983.00	50.60	47.75	-2.85	54.00	6.25	150	240	AV	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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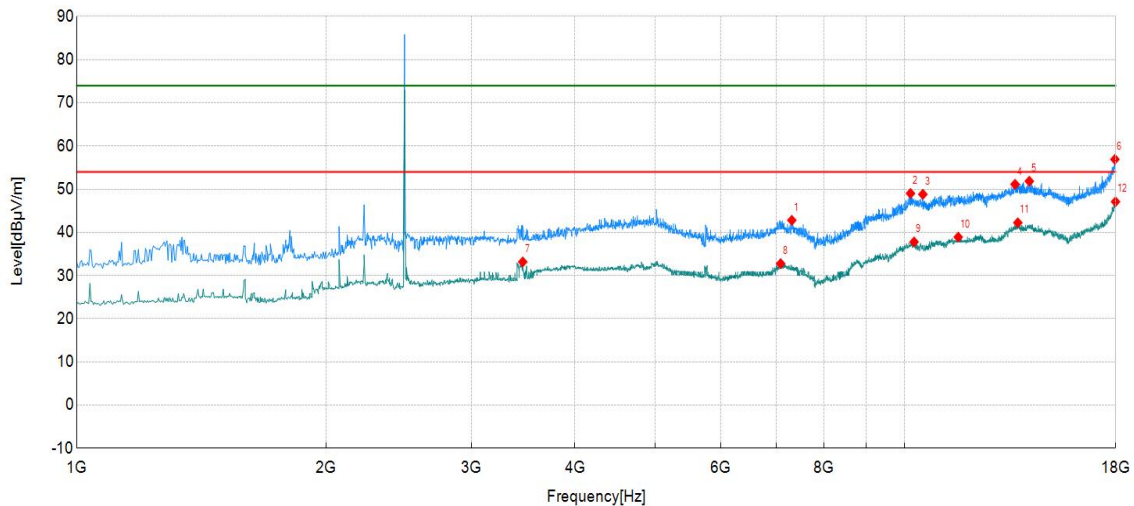
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Worst-case:802.11b mode-2462MHz:

Please refer to the following diagram:

Vertical:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	7311.66	63.29	42.80	-20.49	74.00	31.20	150	276	PK	Vertical	PASS
2	10171.63	62.27	49.03	-13.24	74.00	24.97	150	0	PK	Vertical	PASS
3	10528.71	60.92	48.82	-12.10	74.00	25.18	150	13	PK	Vertical	PASS
4	13606.32	61.99	51.14	-10.85	74.00	22.86	150	30	PK	Vertical	PASS
5	14157.23	61.69	51.86	-9.83	74.00	22.14	150	359	PK	Vertical	PASS
6	17962.59	60.12	56.92	-3.20	74.00	17.08	150	127	PK	Vertical	PASS
7	3458.69	55.20	33.16	-22.04	54.00	20.84	150	359	AV	Vertical	PASS
8	7087.22	52.57	32.76	-19.81	54.00	21.24	150	2	AV	Vertical	PASS
9	10273.65	50.65	37.79	-12.86	54.00	16.21	150	104	AV	Vertical	PASS
10	11616.92	49.33	38.91	-10.42	54.00	15.09	150	9	AV	Vertical	PASS
11	13711.74	53.00	42.23	-10.77	54.00	11.77	150	115	AV	Vertical	PASS
12	17993.20	49.79	47.11	-2.68	54.00	6.89	150	222	AV	Vertical	PASS

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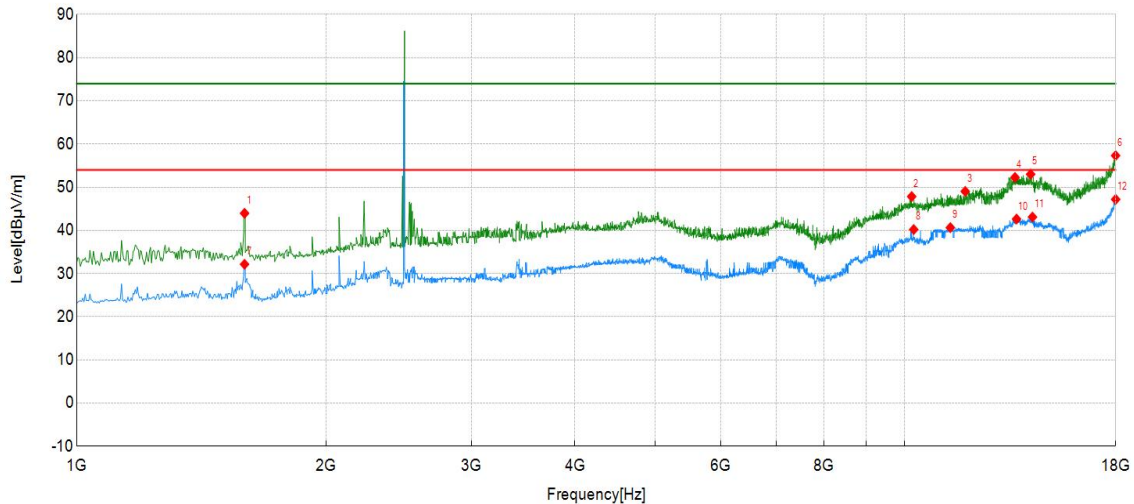
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Horizontal:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Det	Pol	Verdict
1	1595.12	70.03	43.96	-26.07	74.00	30.04	150	1	PK	Horizontal	PASS
2	10205.64	60.96	47.84	-13.12	74.00	26.16	150	221	PK	Horizontal	PASS
3	11844.77	59.85	49.04	-10.81	74.00	24.96	150	178	PK	Horizontal	PASS
4	13602.92	63.13	52.27	-10.86	74.00	21.73	150	157	PK	Horizontal	PASS
5	14208.24	62.76	53.01	-9.75	74.00	20.99	150	126	PK	Horizontal	PASS
6	17996.60	59.94	57.32	-2.62	74.00	16.68	150	356	PK	Horizontal	PASS
7	1595.12	58.22	32.15	-26.07	54.00	21.85	150	1	AV	Horizontal	PASS
8	10263.45	53.10	40.20	-12.90	54.00	13.80	150	114	AV	Horizontal	PASS
9	11365.27	51.32	40.64	-10.68	54.00	13.36	150	83	AV	Horizontal	PASS
10	13664.13	53.45	42.63	-10.82	54.00	11.37	150	50	AV	Horizontal	PASS
11	14283.06	52.80	43.09	-9.71	54.00	10.91	150	350	AV	Horizontal	PASS
12	18000.00	49.74	47.18	-2.56	54.00	6.82	150	360	AV	Horizontal	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

(3)Factor=Antenna Factor+ Cable Loss - Amplifier Factor

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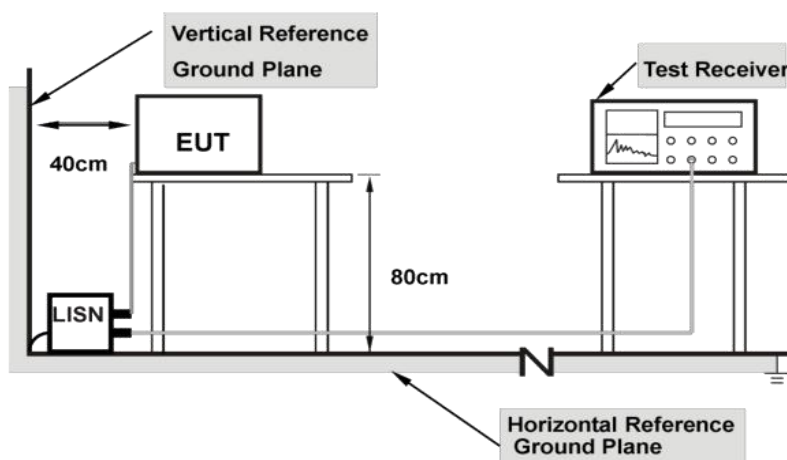
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7.8. Conducted Emission

Test Requirement:	FCC Part 15.207(a)		
Test Mode:	Transmitting mode with modulation		
Limit:			
	Frequency of Emission (MHz)	Conducted Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	*Decreases with the logarithm of the frequency.		
Test Procedure:	For tabletop equipment, the EUT along with its peripherals were placed on a 1.0m(W)×1.5m(L) and 0.8m in height wooden table. The EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane. The EUT was connected to power mains through a line impedance stabilization network (LISN), which provided 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room. The excess power cable between the EUT and the LISN was bundled.		
Test Result:	Pass		

7.8.1. Test Setup



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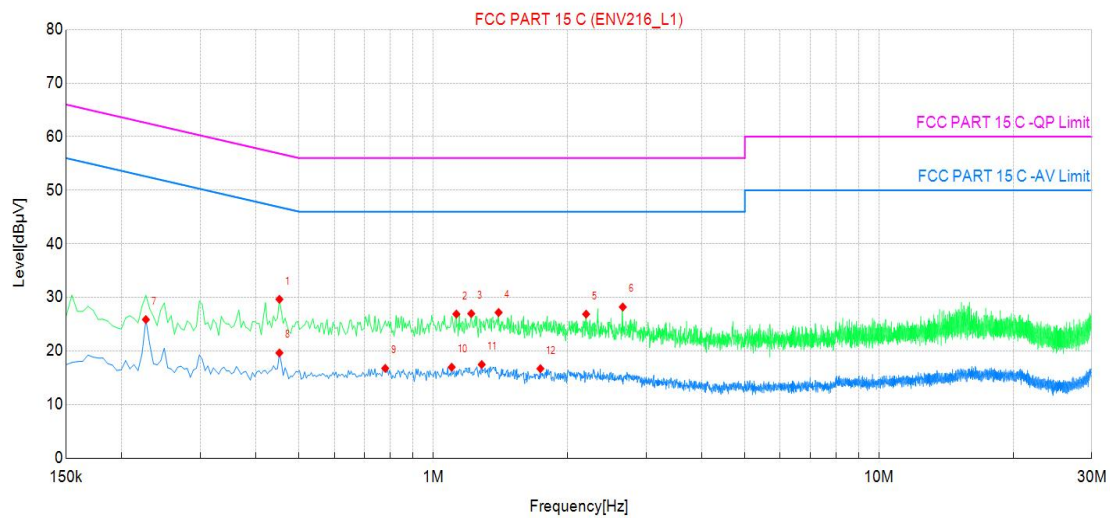
7.8.2. Test Result

Test Voltage	DC 5V from adapter(120V/60Hz)
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Worst-case:802.11b mode-2412MHz

Please refer to the following diagram:

Line:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Phase	Detector	Verdict
1	0.451500	10.53	29.64	19.11	56.85	27.21	L1	PK	PASS
2	1.126500	7.69	26.89	19.20	56.00	29.11	L1	PK	PASS
3	1.216500	7.76	26.96	19.20	56.00	29.04	L1	PK	PASS
4	1.401000	7.98	27.18	19.20	56.00	28.82	L1	PK	PASS
5	2.202000	7.67	26.87	19.20	56.00	29.13	L1	PK	PASS
6	2.661000	9.00	28.21	19.21	56.00	27.79	L1	PK	PASS
7	0.226500	6.68	25.86	19.18	52.58	26.72	L1	AV	PASS
8	0.451500	0.52	19.63	19.11	46.85	27.22	L1	AV	PASS
9	0.780000	-2.52	16.75	19.27	46.00	29.25	L1	AV	PASS
10	1.099500	-2.23	16.97	19.20	46.00	29.03	L1	AV	PASS
11	1.284000	-1.73	17.47	19.20	46.00	28.53	L1	AV	PASS
12	1.738500	-2.50	16.70	19.20	46.00	29.30	L1	AV	PASS

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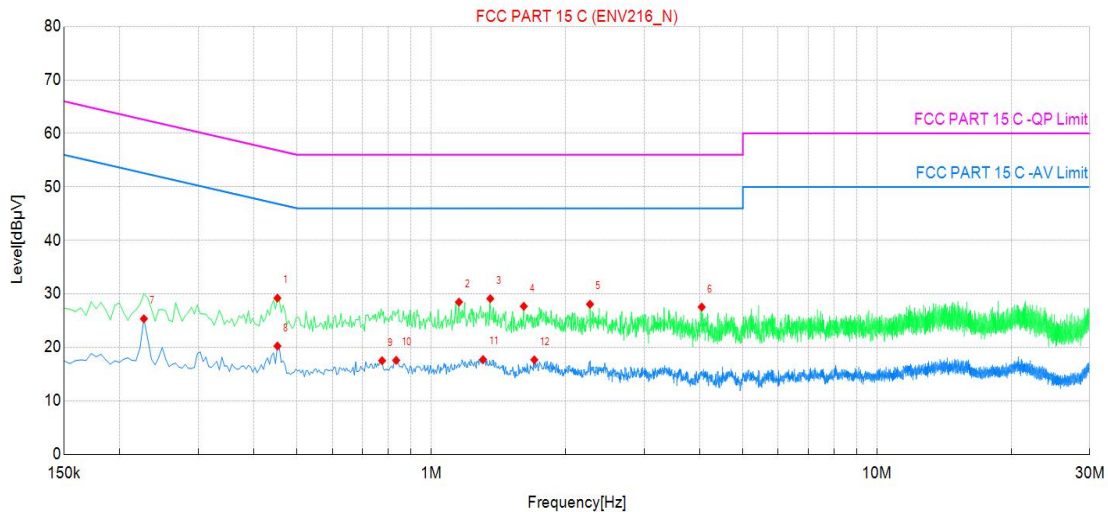
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Neutral:



Suspected Data List

NO.	Frequency [MHz]	Reading [dBμV]	Level [dBμV]	Factor [dB]	Limit [dBμV]	Margin [dB]	Phase	Detector	Verdict
1	0.451500	10.02	29.21	19.19	56.85	27.64	N	PK	PASS
2	1.153500	9.27	28.47	19.20	56.00	27.53	N	PK	PASS
3	1.356000	9.91	29.11	19.20	56.00	26.89	N	PK	PASS
4	1.612500	8.48	27.68	19.20	56.00	28.32	N	PK	PASS
5	2.269500	8.87	28.06	19.19	56.00	27.94	N	PK	PASS
6	4.042500	8.41	27.54	19.13	56.00	28.46	N	PK	PASS
7	0.226500	6.16	25.35	19.19	52.58	27.23	N	AV	PASS
8	0.451500	1.06	20.25	19.19	46.85	26.60	N	AV	PASS
9	0.775500	-1.76	17.51	19.27	46.00	28.49	N	AV	PASS
10	0.834000	-1.67	17.58	19.25	46.00	28.42	N	AV	PASS
11	1.306500	-1.48	17.72	19.20	46.00	28.28	N	AV	PASS
12	1.702500	-1.53	17.67	19.20	46.00	28.33	N	AV	PASS

Note:(1)Level=Reading+Factor

(2)Margin=Limit-Level

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Report No.: 86260807003

August 19, 2026

Page 39 of 40

8. PHOTOGRAPHS OF TEST SET-UP

For photographs of the test set-up, refer to the appendix file.(Test Setup Photo)

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Report No.: 86260807003

August 19, 2026

Page 40 of 40

9. PHOTOGRAPHS OF EUT

For photographs of the EUT, refer to the appendix file(EUT External Photos and EUT Internal Photos).

*** End of Report ***

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