

TEST REPORT

On behalf of

Savant Technologies LLC, dba GE Lighting, a Savant company

Product Name: CYNC Shoplight

Model No.: CFIXSHP46CDMAT

FCC ID: PUU-CFIXSHP46

Prepared For: Savant Technologies LLC, dba GE Lighting, a Savant company
1975 Noble Road Cleveland, Ohio United States 44112

Prepared By: Audix Technology (Shanghai) Co., Ltd.
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TESTING
NVLAP LAB CODE 200371-0

File No. : C1D2608053
Report No. : ACI-F26134A1
Date of Test : 2026.09.16-10.18
Date of Report : 2026.10.20

The statement is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

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APPENDIX I PHOTOGRAPHS OF TEST	TOTAL 4 PAGES
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TEST REPORT

Applicant : Savant Technologies LLC, dba GE Lighting, a Savant company
EUT Description : CYNC Shoplight
(A) Model No. : CFIXSHP46CDMAT
(B) Power Supply : 120V AC 60Hz
(C) Test Voltage : 120V/60Hz

Test Procedure Used:

*FCC RULES AND REGULATIONS PART 15 SUBPART C
AND ANSI C63.10:2020*

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. This report also shows that the EUT (M/N: Refer to Sec2.1), which was tested is technically compliance with the FCC limits.

This report applies to above tested Sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

The test results for EUT's BLE function are contained in No.ACI-F26133A1 report.

Date of Test : 2026.09.16-10.18 Date of Report : 2026.10.20

Producer : Luna Long
LUNA LONG / Assistant

Review : Jarey Lu
JAREY LU / Deputy Assistant Manager

 **AUDIX**[®]
For and on behalf of
Audix Technology (Shanghai) Co., Ltd.

Signatory : Kamp Chen
Authorized Signature(s) KAMP CHEN / Manager

1 SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The result is determined according to the decision rules of customer selection in the ASC-403 application service form.

1. According to IEC GUIDE 115 Procedure 2 and ILAC-G8, the uncertainties value is not used in determining the PASS/FAIL results.

2. If the required specification or standard already contains the decision rules, it will be carried out in accordance with the regulations or standard documents or the requirements of the competent units. If the required specification or standard does not contain a decision rule, the same paragraph 1.

3. If your company has a required decision rule, it will be implemented in accordance with the requirements and ISO/IEC Guide 98-4 specifications.

The EUT have been tested according to the applicable standards as referenced below:

Description / Test Item	Test Standard	Results	Meets Limit
EMISSION			
Conducted Emission	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.207
Radiated Emission	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.209(a) 15.205(a)(c)
6 dB Bandwidth Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.247(a)(2)
Maximum Output Power Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.247(b)(3)
Emission Limitations Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.247(d)
Band Edge Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.247(d)
Power Spectral Density Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.247(e)
Antenna Requirement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	Pass	15.203
N/A is an abbreviation for Not Applicable.			

2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

Description : CYNCR Shoplight

Type of EUT : ☒ Production ☐ Pre-product ☐ Pro-type

Model Number : CFIXSHP46CDMAT

Note#1 : The modified histories of report are as follows:

Edition No.	Rev. Summary	Data of Rev.
0	1. Original Report.	2026.07.14
Rev. A1	1. Change the Mainboard.	2026.10.20

Note#2 : The new mainboard change the mainboard layout but not change the schematic, and it does not change the RF board, that not affects the Radio Technology (RF power, Working frequency, bandwidth, Modulation method).

Note#3 : According to the modification, we had done the “Spurious Emissions” re-test in this report.

Radio Tech : BLE 4.2;
IEEE 802.11 b/g/n.

Channel Freq. : BLE: 2402MHz-2480MHz;
802.11b/g/n20: 2412MHz-2462MHz;
802.11n40: 2422MHz-2452MHz.

Modulation : BLE: GFSK;
802.11b: DSSS (CCK, DQPSK, DBPSK);
802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK).

Antenna Info. : Transmit Type: 1T1X;
Connector Type: PCB;
Antenna Type: PCB Antenna;
Antenna Gain: 0.5dBi.

Note#4 : The Antenna information was provided by the customer.

Applicant : Savant Technologies LLC, dba GE Lighting, a Savant company
1975 Noble Road Cleveland, Ohio United States 44112

Manufacturer : same as Applicant

2.2 EUT Specifications Assessed in Current Report

Mode	Modulation	Data Rate(Mbps)
802.11b	DSSS (DQPSK, DBPSK, CCK)	Up to 11
802.11g	OFDM (64-QAM, 16-QAM, QPSK, BPSK)	Up to 54
802.11n-HT 20	OFDM (64-QAM, 16-QAM, QPSK, BPSK)	Up to 72.2
802.11n-HT 40	OFDM (64QAM, 16QAM, QPSK, BPSK)	Up to 150

Channel List			
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437		

2.3 Test Information

The test software “SSCOM.exe” was used to control EUT work in TX mode, Attenuator setting and select test channel.

Mode	data rate (Mbps)	Attenuator Setting	Test Channel		Frequency (MHz)
802.11b	1	0	Low:	1	2412
		0	Middle:	6	2437
		0	High:	11	2462
802.11g	6	8	Low:	1	2412
		8	Middle:	6	2437
		8	High:	11	2462
802.11n20	MCS0	8	Low:	1	2412
		8	Middle:	6	2437
		8	High:	11	2462
802.11n40	MCS0	8	Low:	3	2422
		8	Middle:	6	2437
		8	High:	9	2452

Note: The setting information was provided by the customer.

2.4 Duty Cycle Check

N/A

2.5 Sample Description

Test Item	Model Number	Sample Number	Date of receipted
Conducted Emission	CFIXSHP46CDMAT	E20260831-02-03/03	2026.08.31
Radiated Emission	CFIXSHP46CDMAT	E20260821-02-01/01	2026.08.21

2.6 Supported equipment

Brand : Acer
Product Name: : Notebook PC
Model Name : TravelMate P238 series
Model Number : N15W8

Product Name : Test Fixture
Product Function : USB to TTL

2.7 Description of Test Facility

Name of Firm : Audix Technology (Shanghai) Co., Ltd.

Site Location : 3F, Building 34, No. 680 Guiping Rd.,
Caohejing, Hi-Tech Park,
Shanghai 200233, China

Accredited by NVLAP, Lab Code : 200371-0

FCC Designation Number : CN5027

Test Firm Registration Number : 954668

3 CONDUCTED EMISSION TEST

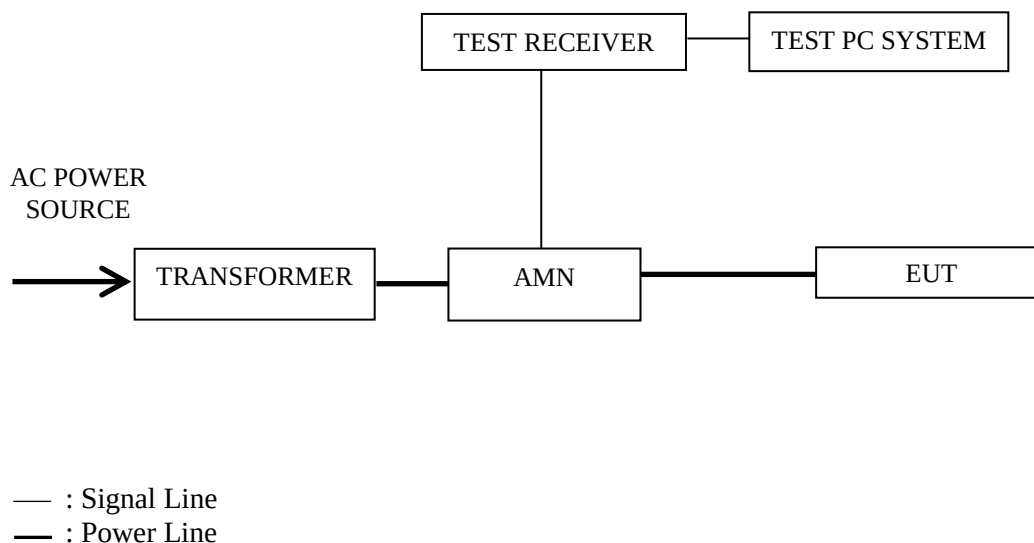
3.1 Test Equipment

The following test equipments are used during the conducted emission test in a shielded room:

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESCI	101302	2026.02.24	1 Year
2.	Artificial Mains Network (AMN)	R&S	ESH2-Z5	843890/011	2026.02.24	1 Year
3.	Fixed Attenuator	SHYL	TTS-1	001	2026.02.24	1 Year
4.	50Ω Coaxial Switch	Anritsu	MP59B	6200655085	2026.02.24	1 Year
5.	Coaxial Cable	Audix	CE Cable	CE-SH1-001	2026.02.24	1 Year
6.	Software	Audix	e3	e3.v9.210616	--	--

3.2 Block Diagram of Test Setup

3.2.1 Conducted Disturbance Test Setup



3.3 Conducted Emission Limits (§15.207)

Frequency Range (MHz)	Limits dB(μV)	
	Quasi-peak	Average
0.15 ~ 0.5	66~56	56~46
0.5 ~ 5	56	46
5 ~ 30	60	50
NOTE 1 – The lower limit shall apply at the transition frequencies. NOTE 2 – The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz~0.50 MHz		

3.4 Test Configuration

The EUT (listed in Sec.2.1) was installed as shown on Sec.3.2 to meet FCC requirement and operating in a manner which tends to maximize its emission level in a normal application.

3.5 Operating Condition of EUT

3.5.1 Setup the EUT as shown in Sec. 3.2.

3.5.2 Turn on the power of all equipment.

3.5.3 Turn the EUT on the test mode, and then test.

3.6 Test Procedures

The EUT was placed upon a non-metallic table, which is 0.8 m above the horizontal conducting ground plane and 0.4 m from a vertical reference plane. The EUT was connected to the power mains through an Artificial Mains Network (AMN) to provide a 50 Ω coupling impedance for the measuring equipment. Both sides of AC line (Line & Neutral) were checked to find out the maximum conducted emission according to FCC Part 15 Subpart C and ANSI C63.10:2020 requirements during conducted disturbance test.

The I.F. bandwidth of Test Receiver ESCI was set at 9 kHz.

The frequency range from 150 kHz to 30 MHz was checked.

Test with a dummy load in lieu of the antenna to determine compliance with Section 15.207 limits within the transmitter's fundamental emission band. (According to KDB 174176 D01 Line Conducted FAQ)

The test modes were done on conducted disturbance test and all the test results are listed in Sec. 3.7

3.7 Test Results

< **PASS** >

The frequency and amplitude of the highest conducted emission relative the limit is reported. All the emissions not reported below are too low against the FCC limit.

Worst case emission:

No.	Operation	Mode	Channel	Frequency (MHz)	Data Page
1.	Transmitting	802.11b	1	2412	P11-12

NOTE 1 –Emission Level (dBμV/m) = Read Level (dBμV) + AMN Factor (dB) + Aux Factor (dB) + Cable Loss (dB)

Margin (dB) = Limits (dBμV) - Emission Level (dBμV)

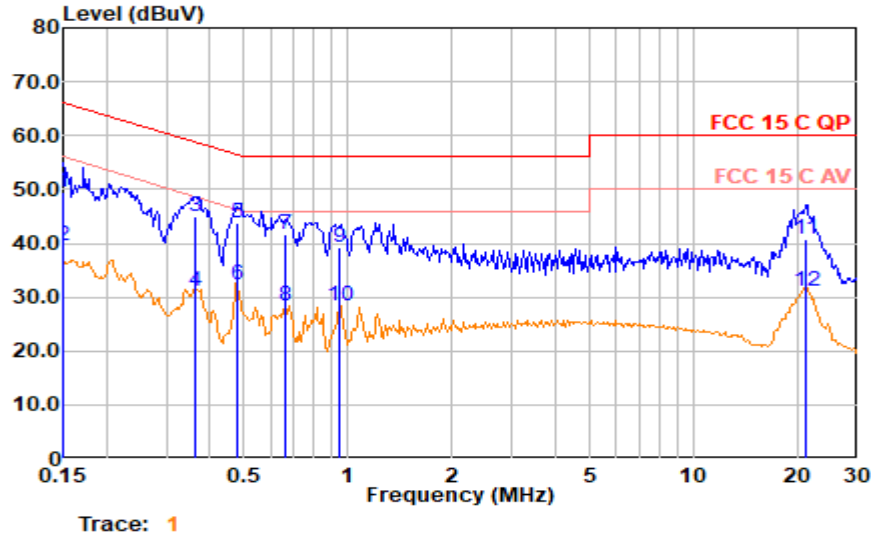
NOTE 2 – “QP” means “Quasi-Peak” values

NOTE 3 – The emission levels which not reported are too low against the official limit.

Worst case emission

Test Date:	2026.09.16	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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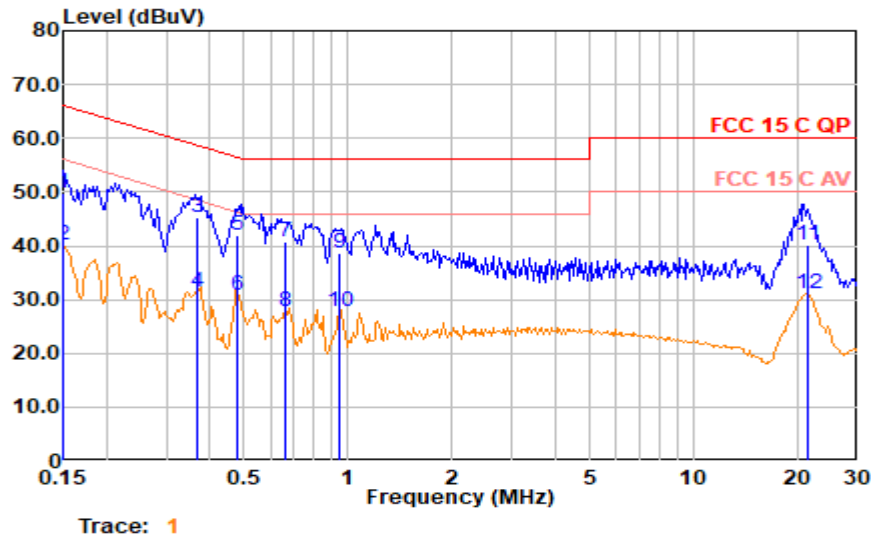
Mode: 802.11b CH2412MHz



Polarization at Line

Frequency (MHz)	Meter Reading dB (μV)	AMN Factor (dB)	Aux Factor (dB)	Cable Loss (dB)	Emission Level dB (μV)	Limits dB (μV)	Margin (dB)	Remark
0.150	39.75	0.20	9.50	0.11	49.56	66.00	16.44	QP
0.150	29.66	0.20	9.50	0.11	39.47	56.00	16.53	Average
0.363	35.16	0.30	9.50	0.12	45.08	58.65	13.57	QP
0.363	21.21	0.30	9.50	0.12	31.13	48.65	17.52	Average
0.480	33.90	0.30	9.50	0.12	43.82	56.34	12.52	QP
0.480	22.43	0.30	9.50	0.12	32.35	46.34	13.99	Average
0.660	31.58	0.32	9.50	0.14	41.54	56.00	14.46	QP
0.660	18.55	0.32	9.50	0.14	28.51	46.00	17.49	Average
0.944	29.29	0.40	9.50	0.17	39.36	56.00	16.64	QP
0.944	18.38	0.40	9.50	0.17	28.45	46.00	17.55	Average
21.185	30.59	0.30	9.51	0.28	40.69	60.00	19.31	QP
21.185	20.98	0.30	9.51	0.28	31.07	50.00	18.93	Average

Mode: 802.11b CH2412MHz



Polarization at Neutral

Frequency (MHz)	Meter Reading dB (μV)	AMN Factor (dB)	Aux Factor (dB)	Cable Loss (dB)	Emission Level dB (μV)	Limits dB (μV)	Margin (dB)	Remark
0.150	40.15	0.20	9.50	0.11	49.96	66.00	16.04	QP
0.150	30.40	0.20	9.50	0.11	40.21	56.00	15.79	Average
0.367	35.32	0.30	9.50	0.12	45.24	58.57	13.33	QP
0.367	21.33	0.30	9.50	0.12	31.25	48.57	17.32	Average
0.480	31.94	0.30	9.50	0.12	41.86	56.34	14.48	QP
0.480	20.97	0.30	9.50	0.12	30.89	46.34	15.45	Average
0.660	30.79	0.42	9.50	0.14	40.85	56.00	15.15	QP
0.660	17.76	0.42	9.50	0.14	27.82	46.00	18.18	Average
0.944	28.72	0.34	9.50	0.17	38.73	56.00	17.27	QP
0.944	17.91	0.34	9.50	0.17	27.92	46.00	18.08	Average
21.396	30.01	0.38	9.51	0.28	40.19	60.00	19.81	QP
21.396	20.87	0.38	9.51	0.28	31.04	50.00	18.96	Average

4 RADIATED EMISSION TEST

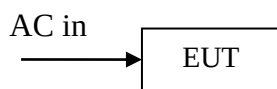
4.1 Test Equipment

The following test equipment are used during the radiated emission test in a semi-anechoic chamber:

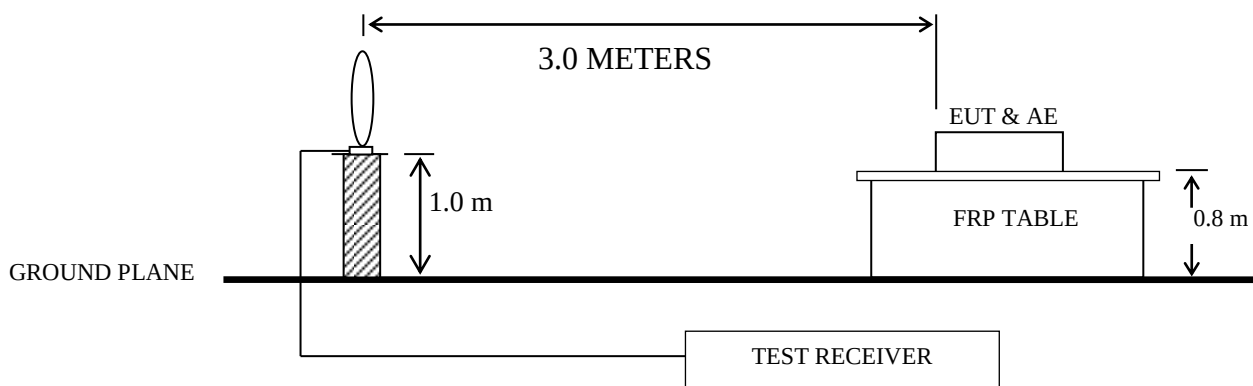
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Preamplifier	Agilent	8447D	2944A10548	2026.02.24	1 Year
2.	Preamplifier	HP	8449B	3008A00864	2026.02.24	1 Year
3.	Preamplifier	EM Electronics	EM18G40GA	060770	2026.02.24	1 Year
4.	EXA Signal Analyzer	Agilent	N9010A	MY52221182	2026.07.03	1 Year
5.	Test Receiver	R&S	ESCI	101303	2026.02.24	1 Year
6.	Loop Antenna	Schaffner	HLA6120	1193	2026.08.04	1 Year
7.	Bilog Antenna+ 6dB Attenuator	Schwarzbeck	VULB 9168+ EMCI-N-6-06	708+AT-N0637	2026.01.21	1 Year
8.	Horn Antenna	EMCO	3115	96074878	2026.08.06	1 Year
9.	Horn Antenna	EMCO	3116	00062643	2025.01.21	2 Year
10.	Cavity Band Rejection Filter	WT	WT-A3882-R10	WT200312-1-2	2026.02.24	1 Year
11.	3.5G High Pass Filter	Agilent	84300-80038	066	2026.02.24	1 Year
12.	RE Cable-3m+ Coaxial Switch	TIMES+ANRI TSU	LMR400-NMNM-3.0M+MP59B	20250211-0001+6200655086	2026.02.24	1 Year
13.	RE Cable-1m	TIMES	LMR400UF-NM NM-1.0M	20260303-001	2026.02.24	1 Year
14.	RE Cable-11m	TIMES	LMR400UF-NM NM-11.0M	20260303-001	2026.02.24	1 Year
15.	Coaxial Cable(CH.3)	Mini-Circuits	FLC-2FT-SMSM+	21112086	2026.02.24	1 Year
16.	RE Cable-5m	TIMES	SFT205-SMNM-5.0M	20250211-0001	2026.02.24	1 Year
17.	RF Cable-0.6m+4m	EM Electronics	EM102-0.6M+EM 102-4M	W0061790001+W0061800001	2026.02.24	1 Year
18.	Software	Audix	e3	e3.v9.210616	--	--

4.2 Block Diagram of Test Setup

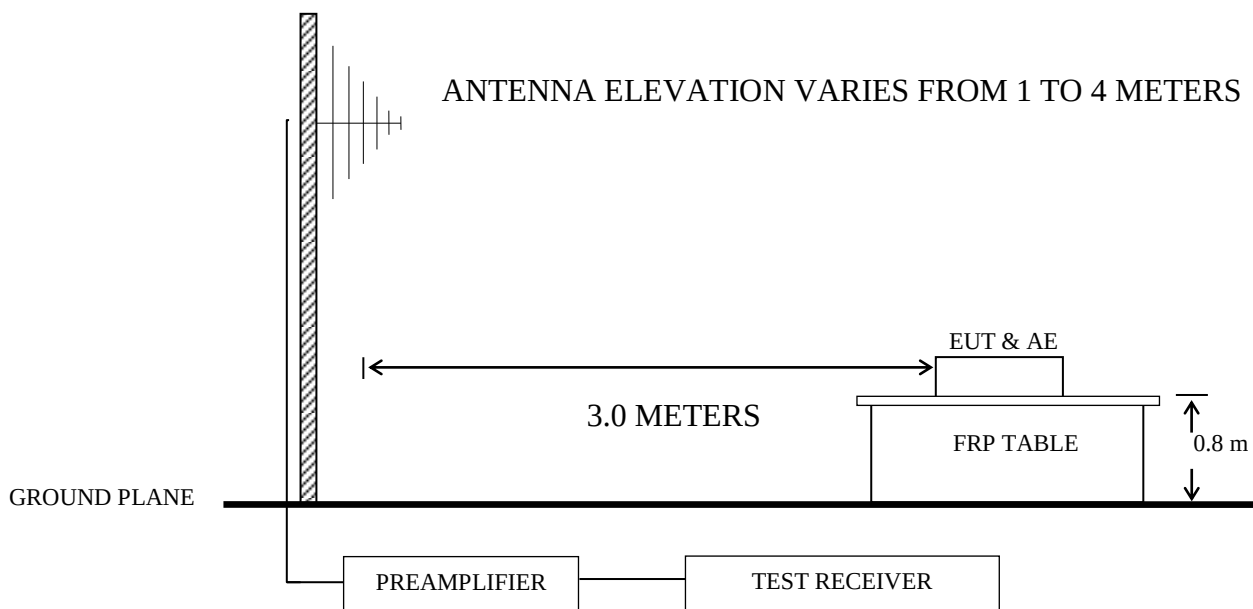
4.2.1 EUT & Peripherals



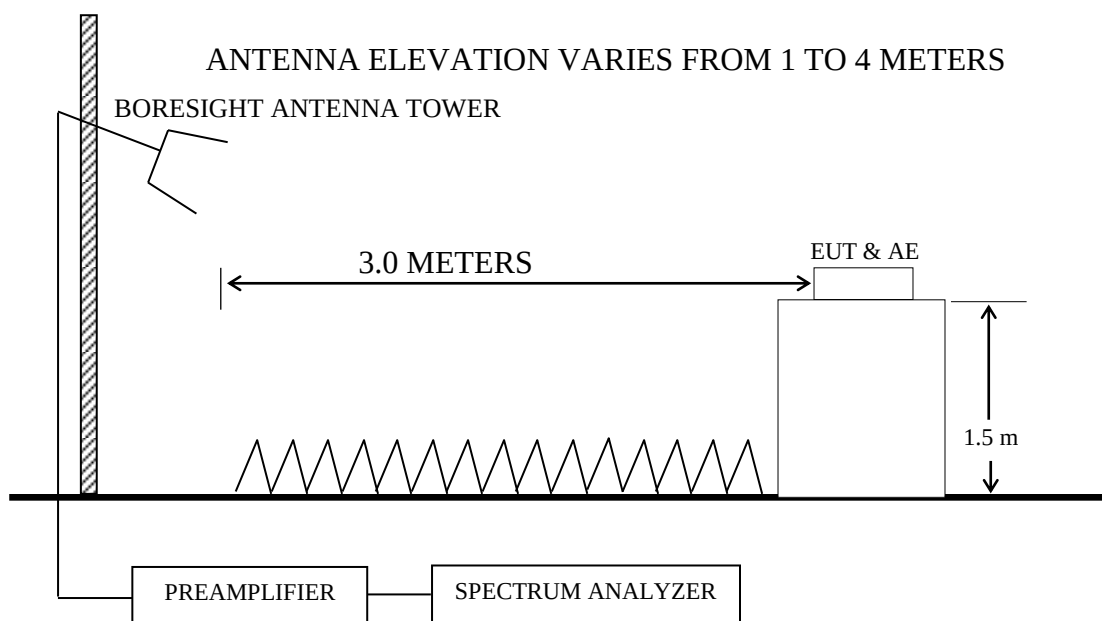
4.2.2 9kHz to 30MHz



4.2.3 30MHz to 1GHz



4.2.4 Above 1GHz



4.3 Radiated Emission Limit (§15.209)

Frequency (MHz)	Distance (m)	Field strength limits (μV/m)	
		(μV/m)	dB (μV/m)
0.009 ~ 0.490	300	2400/F(kHz)	20log(2400/F(kHz))
0.490 ~ 1.705	30	24000/F(kHz)	20log(24000/F(kHz))
1.705 ~ 30	30	30	29.5
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0

NOTE 1 - Emission Level dB (μV/m) = 20 log Emission Level (μV/m)

NOTE 2 - The tighter limit applies at the band edges.

NOTE 3 - Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

NOTE 4 - The limits shown are based on Quasi-peak value detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. The limits in these three bands are based on average detector.

NOTE 5 - Above 1 GHz, the limit on peak emission is 20 dB above the maximum permitted average emission limit applicable to the EUT

4.4 Test Configuration

The EUT (listed in Sec.2.1) and the simulators (listed in Sec.2.2) were installed as shown on Sec.4.2 to meet FCC requirements and operating in a manner that tends to maximize its emission level in a normal application.

4.5 Operating Condition of EUT

4.5.1 Setup the EUT as shown in Sec. 4.2.

4.5.2 Turn the EUT on.

4.5.3 Connect the EUT and the TTL terminal of Test Fixture through HCI cables of EUT, as follows (TX to RXD, RX to TXD, GND to GND). Plug the USB terminal of Test Fixture to the USB port of Notebook PC.

4.5.4 Use the software as section 2.3 to select the test mode, remove Test Fixture and Notebook PC out of test area, then test.

4.5.5 Repeat step 4.5.2 and 4.5.4, until the test of all modes finished.

4.6 Test Procedures

Radiated emission test applies to harmonics/spurs that fall in the restricted bands listed in Section 15.205. The maximum permitted average field strength is listed in Section 15.209. A pre-amp is necessary for this measurement. For measurement above 1 GHz, set RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. If the emission is pulsed, modify the unit for continuous operation; use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.

The EUT was placed on a turntable. Below 1 GHz, the table height is 80 cm above the reference ground plane. Above 1 GHz, the table height is 1.5 m. The turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna, which was mounted on an antenna tower. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (Calibrated Bilog Antenna) or Horn antenna was used as receiving antenna. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interference cables were manipulated according to ANSI C63.10:2020 requirements during radiated emission test.

The resolution bandwidth of Test Receiver R&S ESCI was set at 200 Hz from 9kHz to 150kHz, set 9kHz from 150kHz to 30MHz, and set at 120 kHz from 30MHz to 1000MHz.

The resolution bandwidth of Agilent N9010A was set at 1MHz for above 1GHz.

The frequency range from 9 kHz to 25 GHz (Up to 10th harmonics from fundamental frequency) was checked.

All the test results are listed in Sec.4.7.

4.7 Test Results

<PASS>

The frequency and amplitude of the highest radiated emission relative the limit is reported. All the emissions not reported below are too low against the FCC limit.

Frequency range: below 1GHz (Worst case emission)

No.	Operation	Mode	Channel	Frequency	Data Page
1.	Transmitting	802.11b	1	2412 MHz	P18-19

Note: The emissions between 9kHz to 30MHz were too low against the limit.

Frequency range: 1GHz to 18GHz (Worst case emission)

No.	Operation	Mode	Channel	Frequency	Data Page
1.	Transmitting	802.11b	1	2412 MHz	P20-23

Frequency range: above 18GHz (Worst case emission)

No.	Operation	Mode	Channel	Frequency	Data Page
1.	Transmitting	802.11b	1	2412 MHz	P24-25

NOTE 1 – Emission Level (dBμV/m) = Read Level (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB) - Preamp Factor (dB)

Margin (dB) = Limits (dBμV/m) - Emission Level (dBμV/m).

NOTE 2 – “QP” means “Quasi-Peak” values

NOTE 3 – 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

NOTE 4 – The emission levels which not reported are too low against the official limit.

NOTE 5 – The emission levels recorded below is data of EUT configured in Side direction, for this direction was the maximum emission direction during the test. The data of Stand & Lying direction are too low against the official limit to be reported.

NOTE 6 – All reading are Quasi-Peak values below or equal to 1GHz, Peak and Average values above 1GHz.

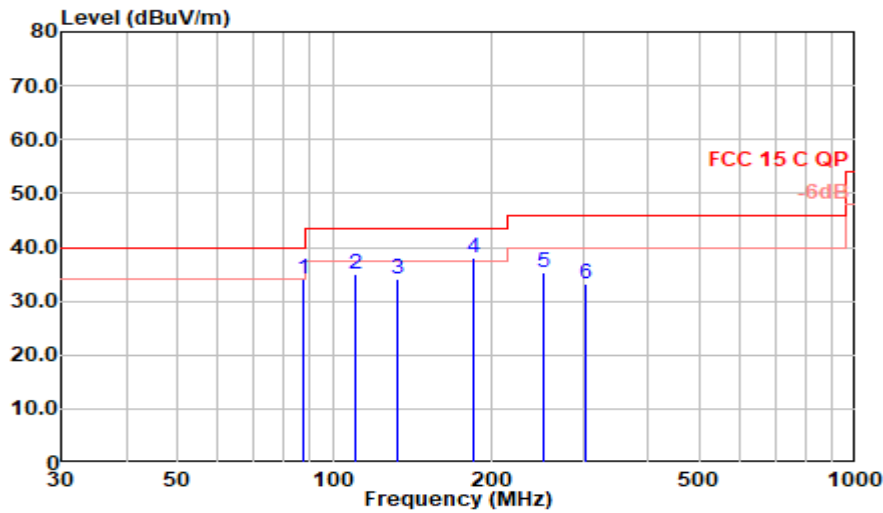
For above 1GHz test, if the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.

NOTE 7 – The frequency range 2310-2390MHz & 2483.5-2500MHz were tested for Restricted bands.

Radiated emission < 1GHz

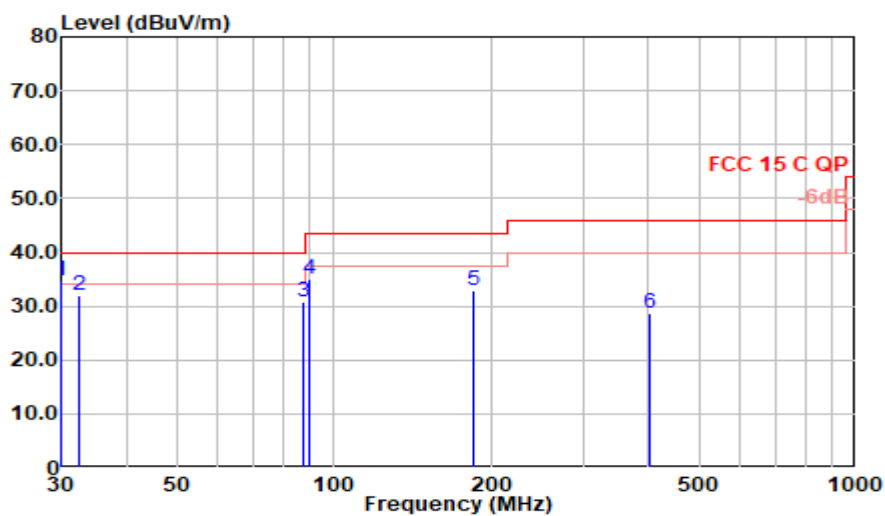
Test Date:	2026.10.18	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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Mode: 802.11b CH2412MHz



Polarization at Horizontal

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
87.230	48.94	13.68	0.75	29.40	33.97	40.00	6.03	QP
110.025	47.76	15.80	0.83	29.35	35.04	43.50	8.46	QP
132.820	44.54	17.86	0.89	29.25	34.04	43.50	9.46	QP
184.715	49.02	17.03	1.00	29.08	37.98	43.50	5.52	QP
251.645	44.92	17.80	1.26	28.80	35.18	46.00	10.82	QP
303.055	41.26	19.26	1.41	28.81	33.12	46.00	12.88	QP

Mode: 802.11b CH2412MHz

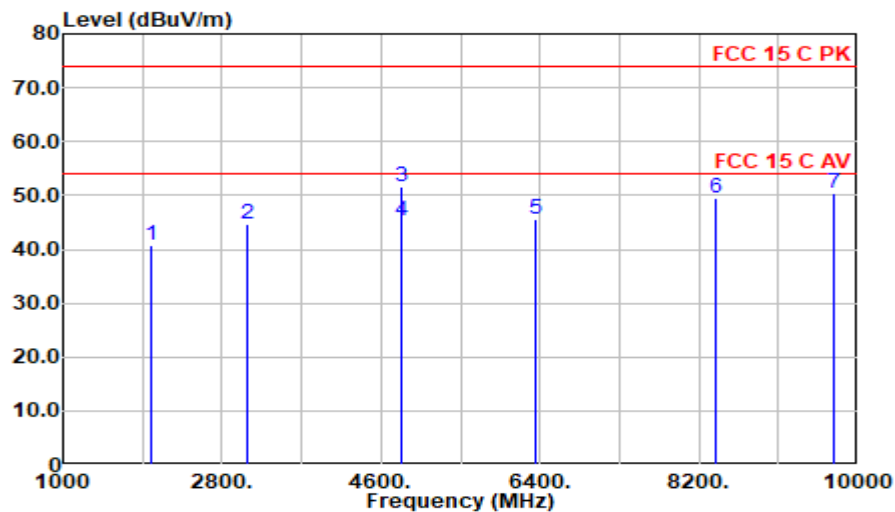
Polarization at Vertical

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
30.030	45.46	18.10	0.56	29.50	34.62	40.00	5.38	QP
32.425	42.91	18.16	0.57	29.50	32.14	40.00	7.86	QP
87.230	45.82	13.68	0.75	29.40	30.85	40.00	9.15	QP
89.655	49.91	13.67	0.76	29.40	34.93	43.50	8.57	QP
184.715	44.01	17.03	1.00	29.08	32.97	43.50	10.53	QP
403.450	35.07	21.47	1.56	29.43	28.67	46.00	17.33	QP

Radiated Emission 1GHz to 18GHz

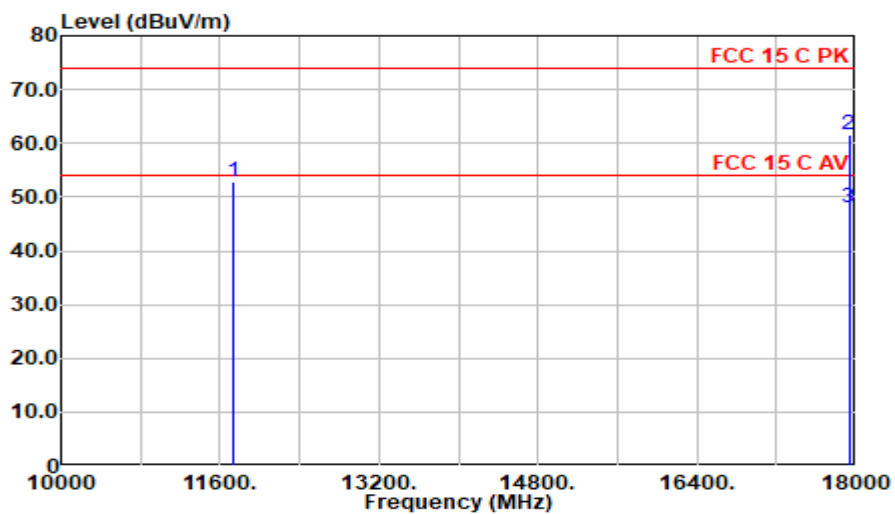
Test Date:	2026.09.17	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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Mode: 802.11b CH2412MHz

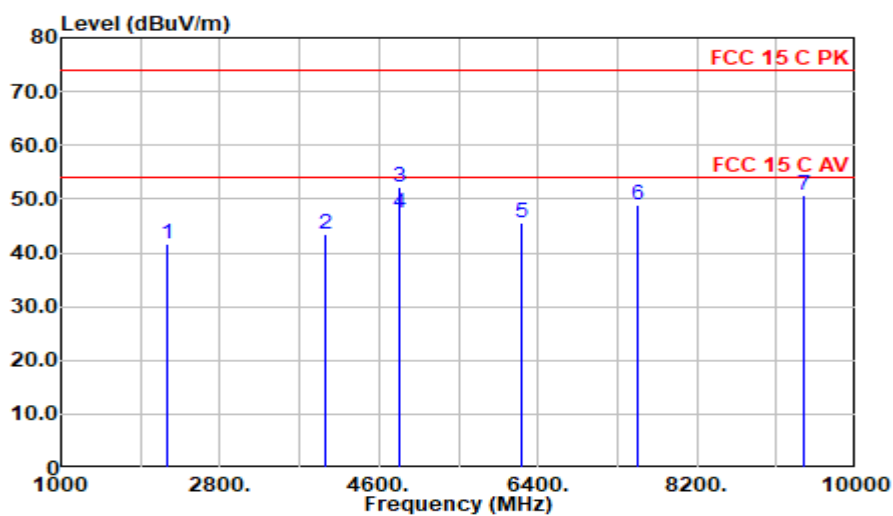


Polarization at Horizontal

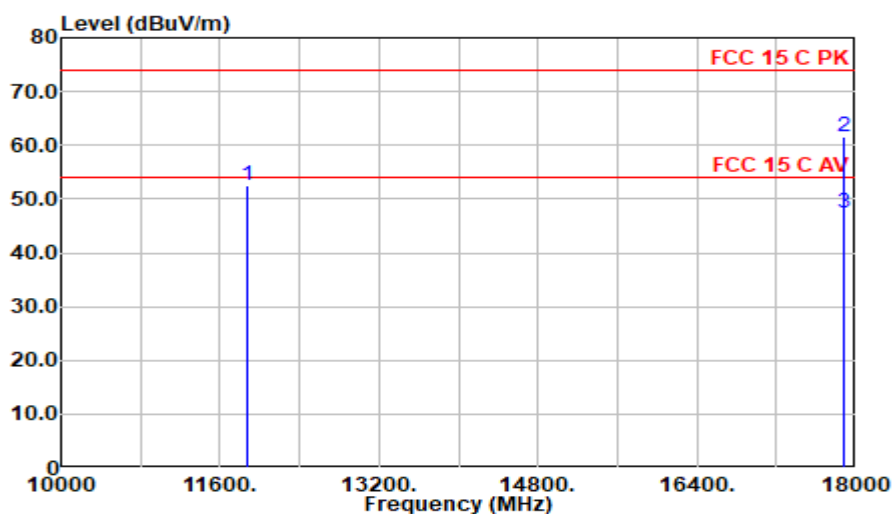
Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
1990.250	46.45	28.18	2.71	36.70	40.64	74.00	33.36	Peak
3076.125	46.11	30.70	3.30	35.46	44.65	74.00	29.35	Peak
4823.750	50.85	32.95	4.28	36.44	51.64	74.00	22.36	Peak
4823.750	44.35	32.95	4.28	36.44	45.14	54.00	8.86	Average
6352.875	42.69	34.49	5.13	36.84	45.48	74.00	28.52	Peak
8397.125	43.15	38.20	5.53	37.30	49.58	74.00	24.42	Peak
9727.375	43.13	38.20	6.12	37.08	50.37	74.00	23.63	Peak

Mode: 802.11b CH2412MHz**Polarization at Horizontal**

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
11733.380	42.80	39.57	7.19	36.73	52.83	74.00	21.17	Peak
17929.880	42.32	45.99	9.48	36.21	61.58	74.00	12.42	Peak
17929.880	28.63	45.99	9.48	36.21	47.89	54.00	6.11	Average

Mode: 802.11b CH2412MHz**Polarization at Vertical**

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
2209.125	46.50	28.74	2.84	36.38	41.70	74.00	32.30	Peak
3994.125	43.31	32.51	3.83	36.10	43.55	74.00	30.45	Peak
4823.540	51.39	32.95	4.28	36.44	52.18	74.00	21.82	Peak
4823.540	46.54	32.95	4.28	36.44	47.33	54.00	6.67	Average
6212.625	42.92	34.50	5.08	36.82	45.68	74.00	28.32	Peak
7534.375	43.59	36.93	5.45	37.12	48.85	74.00	25.15	Peak
9421.375	43.75	38.29	5.93	37.17	50.80	74.00	23.20	Peak

Mode: 802.11b CH2412MHz

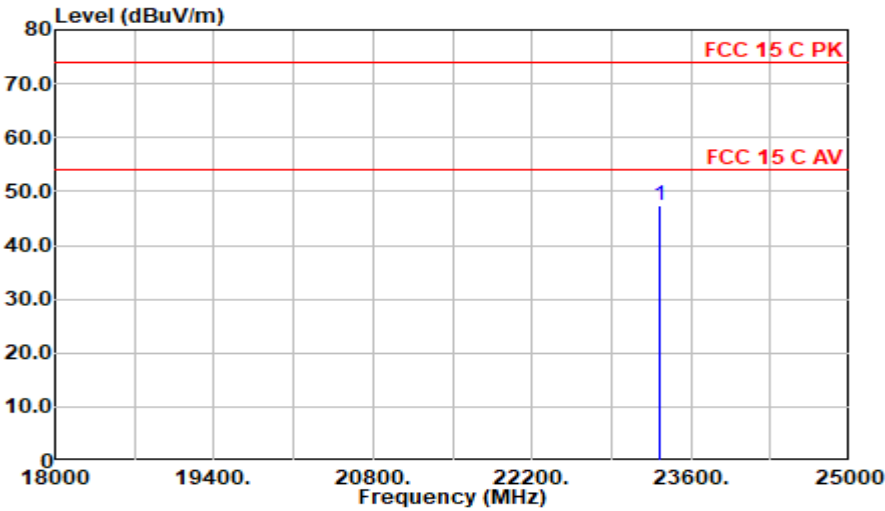
Polarization at Vertical

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
11871.500	42.86	39.29	7.16	36.71	52.59	74.00	21.41	Peak
17876.750	42.59	45.85	9.46	36.22	61.68	74.00	12.32	Peak
17876.750	28.26	45.85	9.46	36.22	47.35	54.00	6.65	Average

Radiated Emission > 18GHz

Test Date:	2026.09.17	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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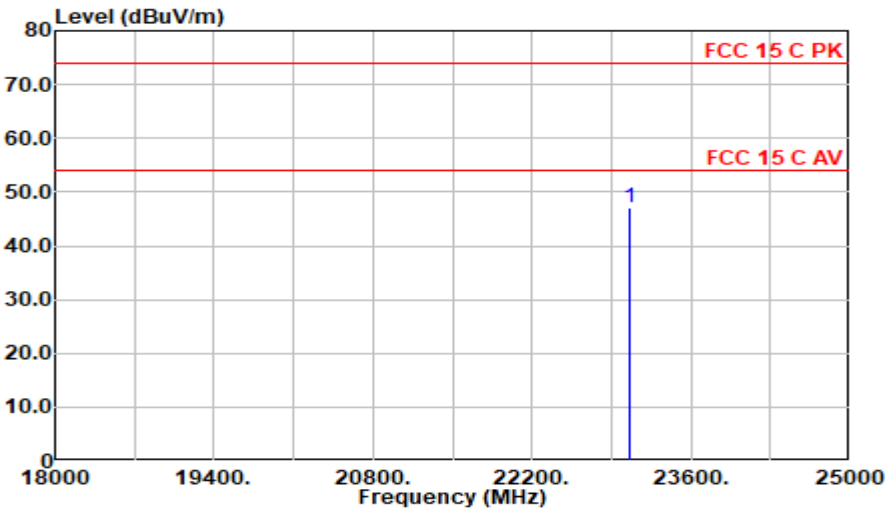
Mode: 802.11b CH2412MHz



Polarization at Horizontal

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
23326.000	47.64	45.10	8.46	53.93	47.27	74.00	26.73	Peak

Mode: 802.11b CH2412MHz



Polarization at Vertical

Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
23053.000	47.53	45.02	8.44	53.82	47.17	74.00	26.83	Peak

5 MEASUREMENT UNCERTAINTY LIST

The measurement uncertainty was estimated for test on the EUT according to CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage of K=2.

The uncertainties value is not used in determining the PASS/FAIL results.

Test Items/Facilities	Frequency/Equipment/Unit	Uncertainty
Conducted Emission No.1 Shielded Room	9kHz~150kHz	±3.1 dB
	150kHz~30MHz	±2.6 dB
Conducted Emission No.3 Shielded Room	9kHz~150kHz	±3.1 dB
	150kHz~30MHz	±2.6 dB
Radiated Emission	30MHz~200MHz, Horizontal	±3.8 dB
	30MHz~200MHz, Vertical	±4.1 dB
	200MHz~1000MHz, Horizontal	±3.6 dB
	200MHz~1000MHz, Vertical	±5.1 dB
	1GHz~6GHz	±5.3 dB
	6GHz~18GHz	±5.3 dB
	18GHz~40GHz	±3.5 dB
Output Power Test	50MHz~18GHz	0.77 dB
Power Density Test	9kHz~6GHz	1.08 dB
RF Frequency Test	9kHz~40GHz	6×10^{-4}
Bandwidth Test	9kHz~6GHz	1.5×10^{-3}
RF Radiated Power Test	30MHz~1000MHz	3.06 dB
Conducted Output Power Test	50MHz~18GHz	0.83 dB
AC Voltage(<10kHz) Test	120V~230V	0.04 %
DC Power Test	0V~30V	0.4 %
Temperature	-40°C~+100°C	0.52 °C
Humidity	30%~95%	2.6 %

---END OF REPORT---