

TEST REPORT

On behalf of

Savant Technologies LLC, dba GE Lighting, a Savant company

Product Name: Wifi and Bluetooth module

Model No.: LBEE5QD1ZM

FCC ID: PUU-LB1ZM

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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File No. : C1D2510010
Report No. : ACI-F25161
Date of Test : 2025.11.07-17
Date of Report : 2025.12.18

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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TEST REPORT

Applicant : Savant Technologies LLC, dba GE Lighting, a Savant company
EUT Description : Wifi and Bluetooth module
(A) Model No. : Refer to Sec.2.1
(B) Power Supply : DC from power supply
(C) Test Voltage : DC 4.2V to the base board to power EUT

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, Wifi2.4, Wifi5G function are contained in No.ACI-F25160, ACI-F25162, ACI-F25163 report.

Date of Test : 2025.11.07-17 Date of Report : 2025.12.18

Producer :

Huimin Yan

HUIMIN YAN / Assistant

Review :

Jarey Lu

JAREY LU / Deputy Assistant Manager

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

.....
Authorized Signatory(s)

Kamp Chen

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	N/A*	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)
20 dB Bandwidth Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(a)(1)
Carrier Frequency Separation Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(a)(1)
Number of Hopping Frequencies Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(a)(1)(iii)
Dwell Time Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(a)(1)(iii)
Maximum Peak Output Power Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(b)(1)
Band Edge Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(d)
Emission Limitations Measurement	FCC RULES AND REGULATIONS PART 15 SUBPART C AND ANSI C63.10:2020	N/A*	15.247(d)
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.			
*This was one modified report, and the results of this test item refer to the original report.			

2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

- Description : Wifi and Bluetooth module
- Type of EUT : ☒ Production ☐ Pre-product ☐ Pro-type
- Model Number : LBEE5QD1ZM
- Radio Tech : BLE 5.0;
Bluetooth(FHSS);
IEEE 802.11 a/b/g/n/ac.
- Channel Freq. : BLE: 2402MHz-2480MHz;
BT: 2420MHz-2480MHz;
802.11b/g/n20: 2412MHz-2462MHz.
802.11a/n20/ac20:
5180MHz-5240MHz; 5260MHz-5320MHz;
5500MHz-5700MHz; 5745MHz-5825MHz;
802.11n40/ac40:
5190MHz-5230MHz; 5270MHz-5310MHz;
5510MHz-5670MHz; 5755MHz-5795MHz;
802.11ac80:
5210MHz; 5290MHz; 5510MHz-5690MHz;
5775MHz.
- Modulation : BLE: GFSK;
BT: GFSK, $\pi/4$ DQPSK, 8DPSK.
802.11b: DSSS (CCK, DQPSK, DBPSK);
802.11a/g/n: OFDM (64QAM, 16QAM, QPSK, BPSK);
802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK).
- Note#1 : This was one modify report to add one new antenna:
- | | |
|---------------|--|
| Antenna Maker | Yijia |
| Antenna P/N | YJQ01.259.002.101A |
| Form factor | RP-SMA/Whip |
| Type | monopole |
| Antenna Gain | max gain of 4 dBi at 2.4GHz;
max gain of 4 dBi at 5GHz. |
- Note#2 : The Antenna information was provided by the customer.
- Note#3 : According to the modification, we had done the re-test on Radiated Emissions, the results show that the EUT was complied with the standard.
As the EUT had done the test on one New Base Board which was different to the Original report, the conducted output power was checked. The conducted power was lower than the original results when use the same power setting.

Note#4 : This report just for BT(FHSS) radio technology, for the BLE, Wifi2.4G and Wifi5G refer to the report No. ACI-F25160, ACI-F25162 and ACI-F25163.

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

Manufacturer : same as Applicant

Factory#1 : Sichuan Hongrui Electric Co., ltd
Building #201, Comprehensive Bonded Zone, feiyun road, East No.261, High-TechPark, Mianyang

Factory#2 : VIETNAM CHANGHONG ELECTRIC COMPANY LIMITED
Workshop W4 (leased by WWWHP), Land plot 4.2B, Dinh Vu Industrial Zone, Dong Hai 2 Ward, Hai An District, Haiphong City, VN.

2.2 EUT Specifications Assessed in Current Report

Mode	Modulation	Data Rate(Mbps)
BR	GFSK	1
EDR	$\pi/4$ -DQPSK, 8DPSK	Up to 3

Channel List			
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
00	2402	40	2442
01	2403	41	2443
02	2404	42	2444
03	2405	43	2445
...	...	...	...
...	...	...	...
...	...	...	...
36	2438	76	2478
37	2439	77	2479
38	2440	78	2480
39	2441		

2.3 Test Information

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

Mode	data rate (Mbps)	Tx Power Setting	Test Channel		Frequency (MHz)
GFSK (DH5)	1	Default	Low:	00	2402
		Default	Middle:	39	2441
		Default	High:	78	2480
		Default	Hopping:	--	--
8DPSK (3DH5)	3	Default	Low:	00	2402
		Default	Middle:	39	2441
		Default	High:	78	2480
		Default	Hopping:	--	--

Note: The setting information was provided by the customer.

2.4 Sample Description

Test Item	Model Number	Sample Number	Date of receipted
Radiated Emission	LBEE5QD1ZM	E20251017-02-01/01	2025.10.17

2.5 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

2.6 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 RADIATED EMISSION TEST

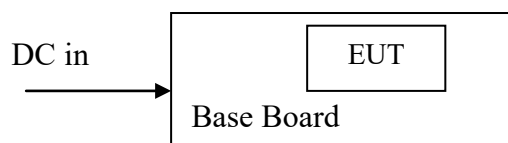
3.1 Test Equipment

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

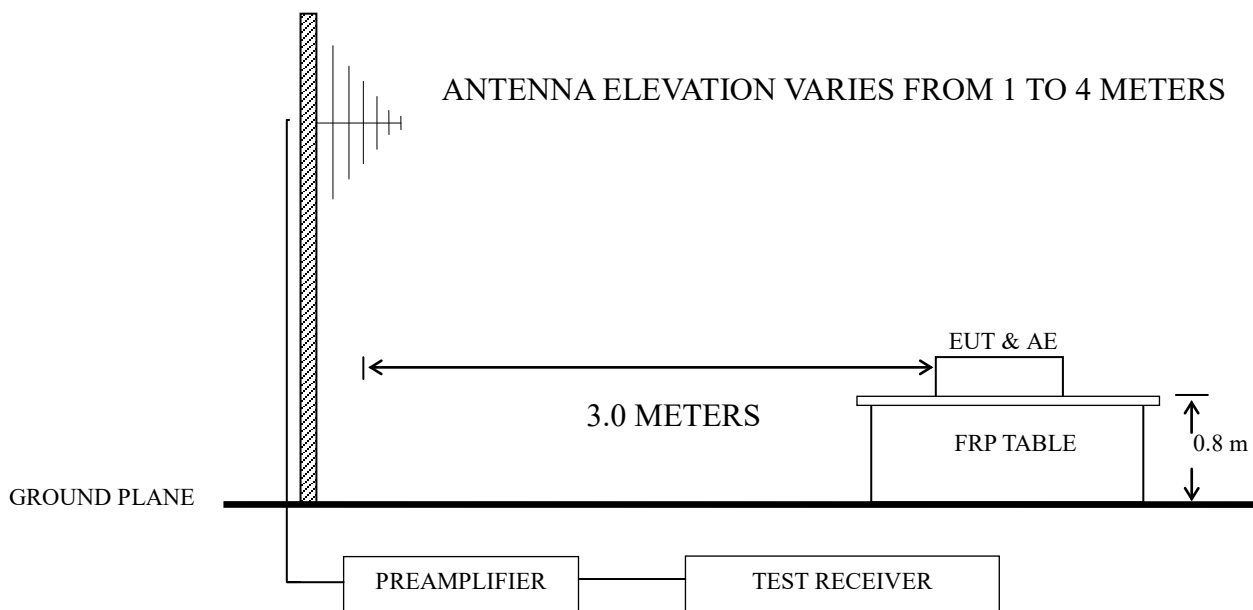
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Preamplifier	Agilent	8447D	2944A10548	2025.02.22	1 Year
2.	Preamplifier	HP	8449B	3008A00864	2025.02.22	1 Year
3.	EXA Signal Analyzer	Agilent	N9010A	MY52221182	2025.08.09	1 Year
4.	Test Receiver	R&S	ESCI	101303	2025.02.22	1 Year
5.	Bilog Antenna+ 6dB Attenuator	Schwarzbeck	VULB 9168+ EMCI-N-6-06	708+AT-N0638	2025.01.15	1 Year
6.	Horn Antenna	EMCO	3115	96074878	2025.07.25	1 Year
7.	Horn Antenna	EMCO	3116	00062643	2025.01.21	2 Year
8.	RE Cable-1m+ Coaxial Switch	HARBOUR+ ANRITSU	RE Cable-1m+ MP59B	RE-1m-00x+ 6200655086	2025.02.22	1 Year
9.	RE Cable-3m+ RE Cable-10m	TIMES+ SCHAFFNER	LMR400-NMNM -3.0M+RG 212U-MIL C 17	20250211-0001 +RE-10m-001	2025.02.22	1 Year
10.	Coaxial Cable(CH.3)	Mini-Circuits	FLC-2FT-SMSM+	21112086	2025.02.22	1 Year
11.	RE Cable-5m	TIMES	SFT205-SMNM -5.0M	20250211-0001	2025.02.22	1 Year
12.	Software	Audix	e3	e3.v9.210616	--	--

3.2 Block Diagram of Test Setup

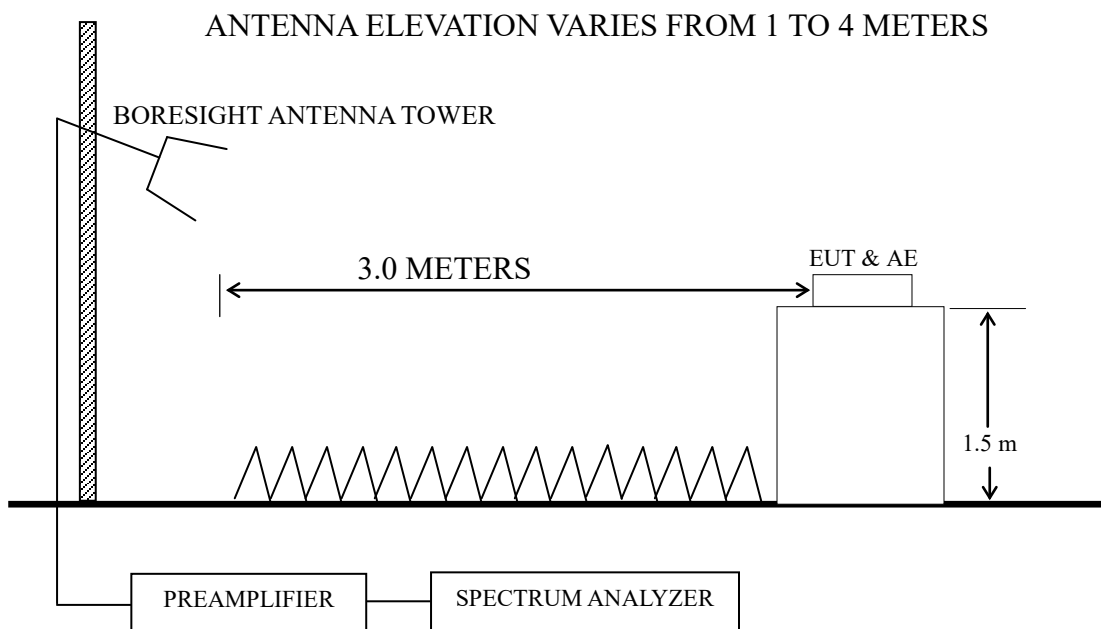
3.2.1 EUT & Peripherals



3.2.2 Below 1GHz



3.2.3 Above 1GHz



3.3 Radiated Emission Limit (§15.209)

Frequency (MHz)	Distance (m)	Field strength limits (μV/m)	
		(μV/m)	dB(μV/m)
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 below or equal to 1GHz and Average value detector above 1GHz. NOTE 5 - Above 1 GHz, the limit on peak emission is 20 dB above the maximum permitted average emission limit applicable to the EUT			

3.4 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.

3.5 Operating Condition of EUT

3.5.1 Setup the EUT as shown in Sec. 3.2.

3.5.2 Turn the EUT on.

3.5.3 Connect the EUT and the TTL terminal of Test Fixture through three 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.

3.5.4 Use the software as section 2.3 to select the test mode, then remove the Test fixture and Notebook PC.

3.5.5 Then do the test.

3.5.6 Repeat step 3.5.2 and 3.5.5, until the test of all modes finished.

3.6 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 bandwidth of Test Receiver R&S ESCI was set at 120 kHz from 30MHz to 1000MHz.

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

The frequency range from 30 MHz to 25 GHz (Up to 10th harmonics from fundamental frequency) was checked.

All the test results are listed in Sec.3.7.

3.7 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.

The pre-test had done for the mode list in section 2.3, and the worst case emission list as below:

Frequency range: below 1GHz (Worst case emission)

No.	Operation	Mode	Channel	Frequency	Data Page
1.	Transmitting	GFSK	00	2402 MHz	P14-15

Frequency range: above 1GHz (Worst case emission)

No.	Operation	Mode	Channel	Frequency	Data Page
1.	Transmitting	GFSK	00	2402 MHz	P16-19
2.	Transmitting	8DPSK	00	2402 MHz	P20-23

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

Margin (dB) = Limits (dB μ V/m) - Emission Level (dB μ V/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 Stand direction, for this direction was the maximum emission direction during the test. The data of Side & 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.

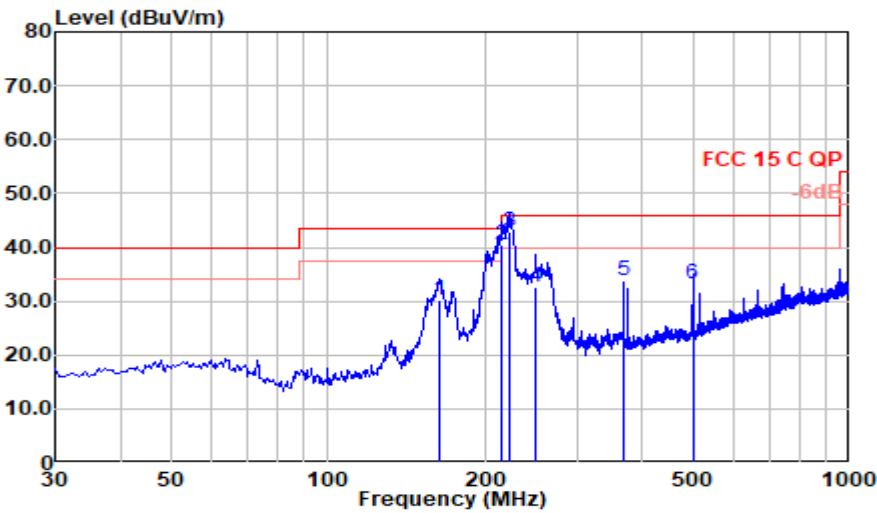
For above 1GHz test, if the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

Radiated emission < 1GHz

Test Date:	2025.11.17	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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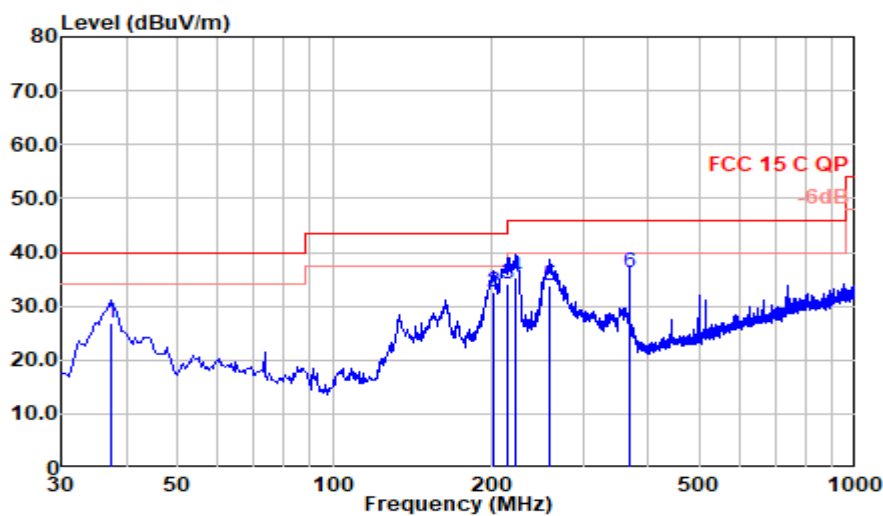
Mode: GFSK CH2402MHz



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
163.860	38.22	19.40	1.44	29.00	30.06	43.50	13.44	QP
215.755	51.91	15.80	1.67	28.96	40.42	43.50	3.08	QP
223.030	54.27	15.80	1.69	28.98	42.78	46.00	3.22	QP
249.705	41.70	17.89	1.82	28.85	32.57	46.00	13.43	QP
368.530	39.56	20.84	2.22	28.74	33.88	46.00	12.12	QP
499.965	36.36	23.60	2.63	29.50	33.09	46.00	12.91	QP

Mode: GFSK CH2402MHz

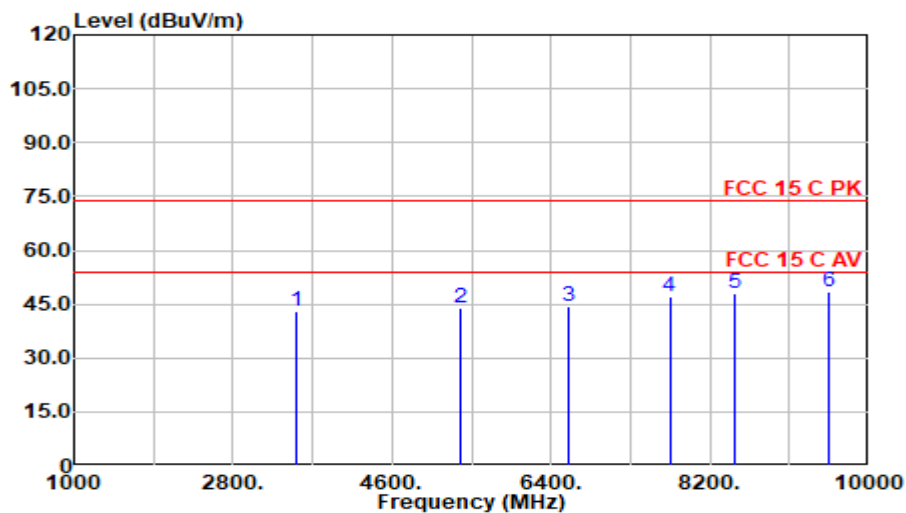


Polarization at Vertical

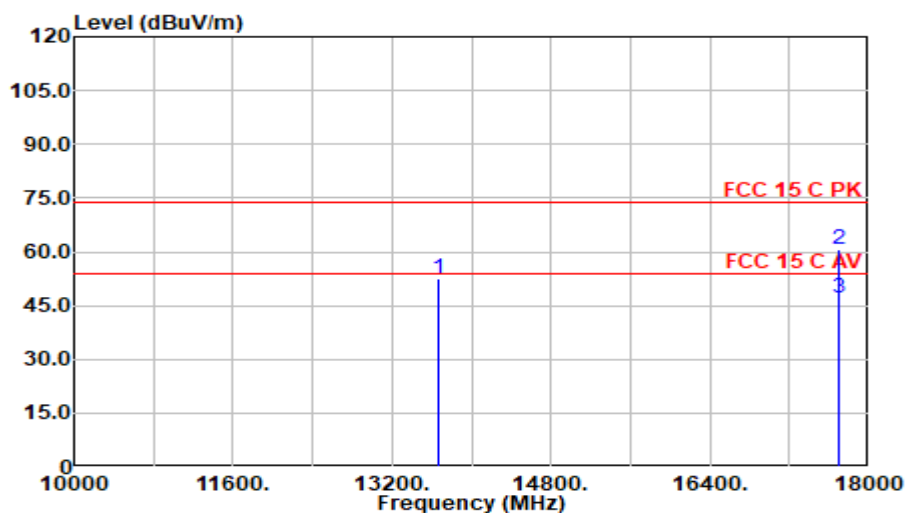
Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
37.275	36.36	19.43	0.74	29.56	26.97	40.00	13.03	QP
202.175	43.55	16.22	1.64	28.82	32.59	43.50	10.91	QP
214.785	45.69	15.80	1.67	28.95	34.21	43.50	9.29	QP
222.545	46.97	15.80	1.69	28.99	35.47	46.00	10.53	QP
258.920	42.74	17.90	1.87	28.81	33.71	46.00	12.29	QP
368.530	41.88	20.84	2.22	28.74	36.20	46.00	9.80	QP

Radiated Emission > 1GHz

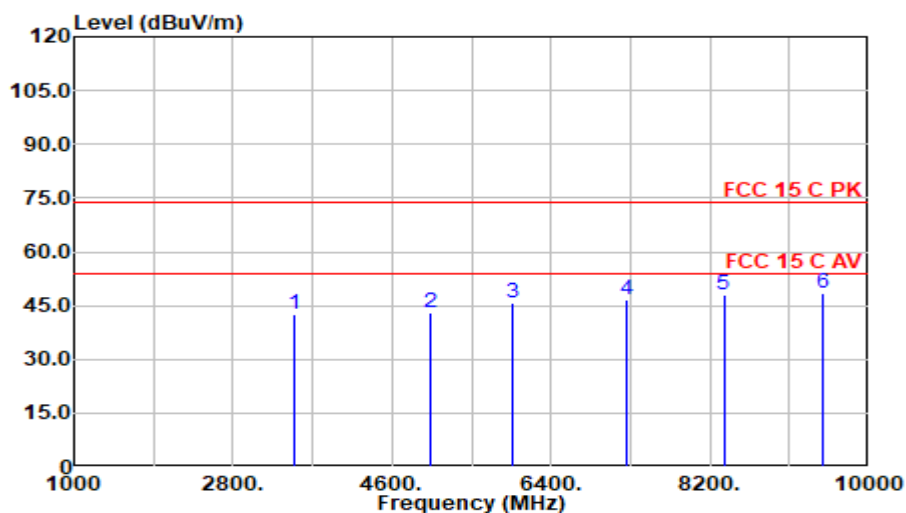
Test Date:	2025.11.07	Temp./Hum.:	22°C/51%RH	Test By:	Jarey
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Mode: GFSK CH2402MHz**Polarization at Horizontal**

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
3526.625	44.75	30.55	3.37	35.79	42.87	74.00	31.13	Peak
5383.875	42.92	33.10	4.38	36.62	43.77	74.00	30.23	Peak
6610.000	42.57	33.96	4.93	36.86	44.60	74.00	29.40	Peak
7744.750	42.88	36.29	5.14	37.20	47.11	74.00	26.89	Peak
8473.625	42.77	37.45	5.25	37.30	48.17	74.00	25.83	Peak
9540.375	42.68	37.40	5.41	37.13	48.35	74.00	25.65	Peak

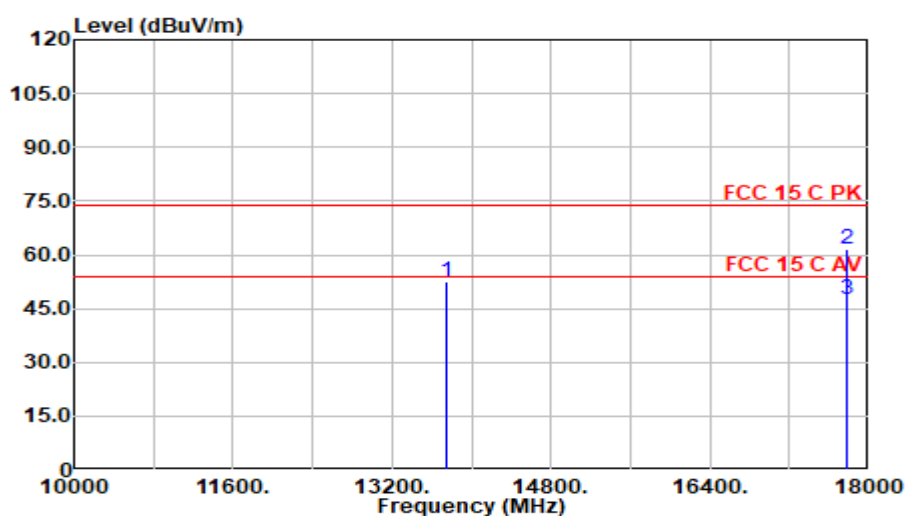
Mode: GFSK CH2402MHz**Polarization at Horizontal**

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
13667.130	41.22	40.13	6.92	35.86	52.41	74.00	21.59	Peak
17704.630	42.11	45.22	7.97	34.52	60.80	74.00	13.20	Peak
17704.630	28.41	45.22	7.97	34.52	47.09	54.00	6.91	Average

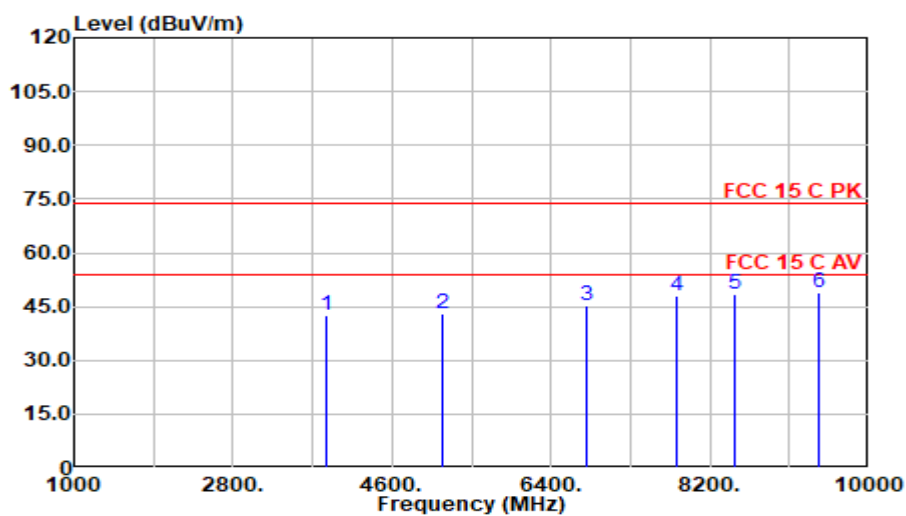
Mode: GFSK CH2402MHz

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
3492.625	44.43	30.60	3.35	35.77	42.60	74.00	31.40	Peak
5031.125	42.74	32.36	4.21	36.51	42.81	74.00	31.19	Peak
5974.625	44.45	33.25	4.76	36.79	45.67	74.00	28.33	Peak
7256.000	43.00	35.72	5.03	37.01	46.74	74.00	27.26	Peak
8356.750	42.96	37.31	5.24	37.30	48.21	74.00	25.79	Peak
9489.375	43.00	37.38	5.40	37.15	48.63	74.00	25.37	Peak

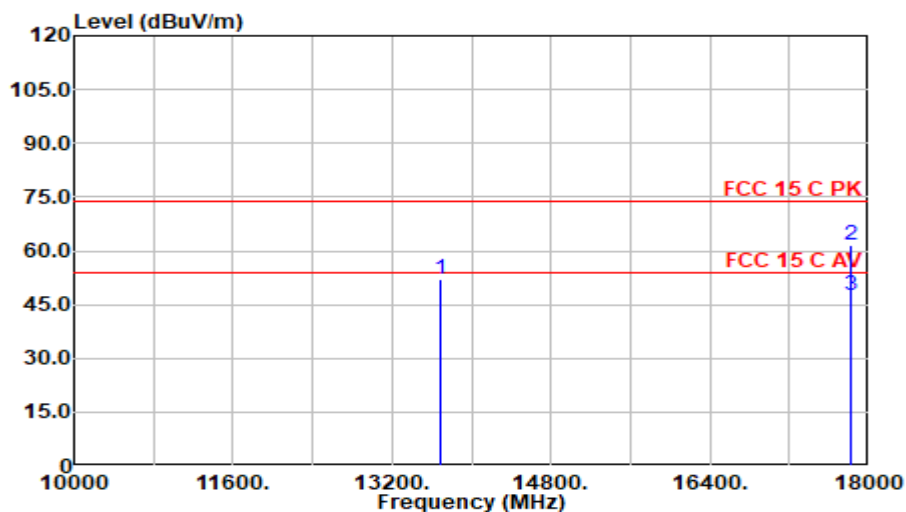
Mode: GFSK CH2402MHz**Polarization at Vertical**

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
13754.250	41.10	40.36	6.96	35.85	52.57	74.00	21.43	Peak
17787.500	42.34	45.64	8.00	34.48	61.49	74.00	12.51	Peak
17787.500	28.56	45.64	8.00	34.48	47.71	54.00	6.29	Average

Mode: 8DPSK CH2402MHz**Polarization at Horizontal**

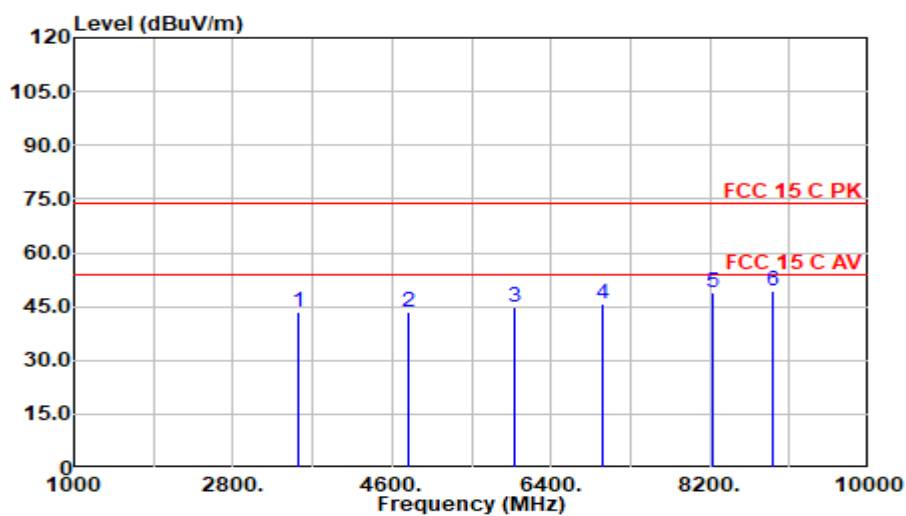
Frequency (MHz)	Meter Reading dB (μV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Factor (dB)	Emission Level dB (μV/m)	Limits dB (μV/m)	Margin (dB)	Remark
3866.625	43.25	31.80	3.56	36.02	42.60	74.00	31.40	Peak
5169.250	42.44	32.88	4.28	36.55	43.04	74.00	30.96	Peak
6807.625	42.69	34.60	4.96	36.88	45.36	74.00	28.64	Peak
7817.000	43.47	36.43	5.17	37.23	47.84	74.00	26.16	Peak
8484.250	42.86	37.43	5.25	37.30	48.24	74.00	25.76	Peak
9425.625	43.19	37.30	5.38	37.17	48.69	74.00	25.31	Peak

Mode: 8DPSK CH2402MHz



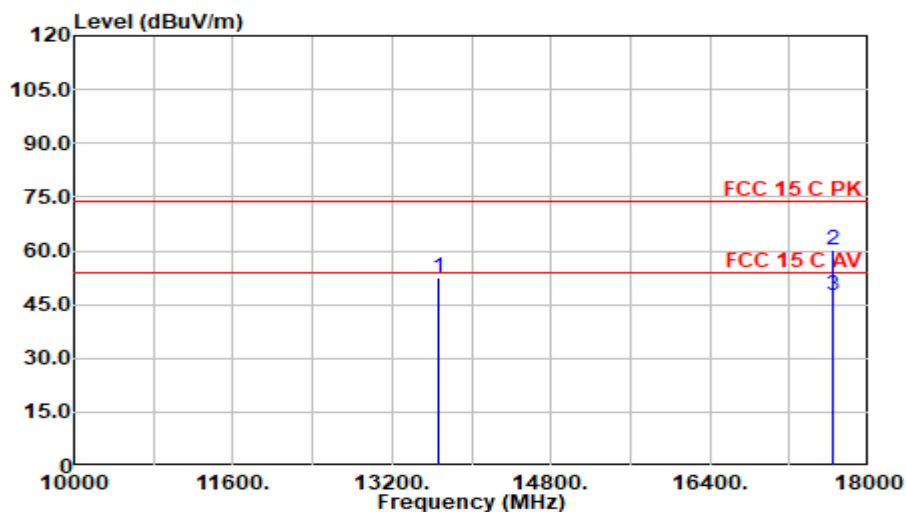
Polarization at Horizontal

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
13696.880	40.86	40.19	6.93	35.86	52.13	74.00	21.87	Peak
17821.500	42.35	45.74	8.00	34.47	61.63	74.00	12.37	Peak
17821.500	28.44	45.74	8.00	34.47	47.71	54.00	6.29	Average

Mode: 8DPSK CH2402MHz**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
3530.875	45.18	30.54	3.37	35.80	43.29	74.00	30.71	Peak
4778.250	43.75	32.11	4.08	36.42	43.53	74.00	30.47	Peak
5989.500	43.76	33.28	4.77	36.80	45.02	74.00	28.98	Peak
6994.625	43.12	34.69	4.98	36.90	45.89	74.00	28.11	Peak
8225.000	43.77	37.00	5.23	37.30	48.71	74.00	25.29	Peak
8905.000	44.08	37.51	5.24	37.30	49.54	74.00	24.46	Peak

Mode: 8DPSK CH2402MHz



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
13667.130	41.24	40.13	6.92	35.86	52.43	74.00	21.57	Peak
17640.880	41.93	44.79	7.96	34.54	60.13	74.00	13.87	Peak
17640.880	29.49	44.79	7.96	34.54	47.70	54.00	6.30	Average

4 ANTENNA REQUIREMENT

4.1 Specification Limits (§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.

4.2 Result

According to KDB 353028 D1, the following describes the three ways that can be used to demonstrate compliance to Section 15.203:

- a) Antenna permanently attached.
- b) Unique (non-standard) antenna connector.
- c) Professional installation.

For this product, the antenna is:

- ☐ Antenna permanently attached
- ☒ Unique (non-standard) antenna connector
- ☐ Professional installation
- ☐ not meet any of ways list above

that

- ☒ compliant
- ☐ not compliant

with the requirement of Section 15.203.

5 DEVIATION TO TEST SPECIFICATIONS

None.

6 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 %