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<table><tr><td>Date/s Tested</td><td>: 01-May-2026 -15-May-2026</td></tr><tr><td>Report Issue Date</td><td>: 13-June -2026</td></tr><tr><td>Test Location</td><td>: MOTOROLA PENANG ADV. COMM. LABORATORY</td></tr><tr><td>Manufacturer/Location</td><td>: Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia</td></tr><tr><td>Requestor</td><td>: CHUAH YIH JIAN</td></tr><tr><td>Product Type</td><td>: Mobile / Vehicle Mount</td></tr><tr><td>Product Marketing Name (PMN)</td><td>: MR7r</td></tr><tr><td>Hardware Version Identification Number (HVIN)</td><td>: AAM29QPN9YA1AN</td></tr><tr><td>Frequency Band</td><td>: 2.402 - 2.480 GHz</td></tr><tr><td>Max RF Output Power</td><td>: 11.22 mWatts</td></tr><tr><td>Applicant Name</td><td>: Motorola Solutions Inc</td></tr><tr><td>Applicant Address</td><td>: Plot 2A, Medan bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia</td></tr><tr><td>FCC Registrations</td><td>: 461337</td></tr><tr><td>CAB ID</td><td>: MY0001</td></tr><tr><td>Firmware Version Identification Number (FVIN)</td><td>: D02.26.02.0175</td></tr></table> The equipment was tested accordance to the requirement listed below: <table><tr><td>(2.4GHz BT LE) 47 CFR Part 15C ISED RSS 247 Issue 4</td><td>PASS</td></tr></table>		Date/s Tested	: 01-May-2026 -15-May-2026	Report Issue Date	: 13-June -2026	Test Location	: MOTOROLA PENANG ADV. COMM. LABORATORY	Manufacturer/Location	: Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia	Requestor	: CHUAH YIH JIAN	Product Type	: Mobile / Vehicle Mount	Product Marketing Name (PMN)	: MR7r	Hardware Version Identification Number (HVIN)	: AAM29QPN9YA1AN	Frequency Band	: 2.402 - 2.480 GHz	Max RF Output Power	: 11.22 mWatts	Applicant Name	: Motorola Solutions Inc	Applicant Address	: Plot 2A, Medan bayan Lepas, Mukim 12 SWD, 11900 Bayan Lepas, Penang, Malaysia	FCC Registrations	: 461337	CAB ID	: MY0001	Firmware Version Identification Number (FVIN)	: D02.26.02.0175	(2.4GHz BT LE) 47 CFR Part 15C ISED RSS 247 Issue 4	PASS
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REVISION HISTORY

Revision History	Description	Date	Originator
Rev. A	Initial Report	13- June-2026	Nur Alieya

1.0 General Information

EUT Description:

Technologies	2.4GHz BT LE
TX Frequency range	2402MHz – 2480MHz
Modulation Type	GFSK
Connector type	PROGRAMMING, TEST & ALIGNMENT CABLE
Antenna type	PIFA
Temporary RF Connector	0.56dB

Note: The description and information regarding the EUT are provided by the customer. The laboratory shall not be held responsible for any inaccuracies or misinformation in the provided details that may result in incorrect test outcomes.

The EUT contains following accessory devices and data cable:

Item	Brand	Model or P/N
ANTENNA COMBO GNSS (GPS/GALILEO/QZSS/GLONASS), UHF 406-420 MHZ, 3.5 DB GN MINI-U	MOTOROLA	PMAE4032B
MOBILE ANTENNA GNSS L1 & L5 MAGNET MOUNT	MOTOROLA	PMAN4013A
LTD DESKTOP MOBILE MIC	MOTOROLA	RMN5050A-C4
DESKTOP TRAY WITH SPEAKER	MOTOROLA	RSN4005A-CF1
POWER SUPPLY ADAPTOR, EXT 280W POWER SUPPLY, 100-240VAC, SAE	MOTOROLA	PS000280A02-CF1
GENESEE COLOR DISPLAY CONTROL HEAD	MOTOROLA	PMLN8805A
MOTOTRBO REAR ACCESSORY CONNECTOR KIT	MOTOROLA	PMLN5072A
POWER CORD, US	MOTOROLA	3087791G01

Channel number and frequency information:

40 channels are provided to this EUT:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	10	2422	20	2442	30	2462
1	2404	11	2424	21	2444	31	2464
2	2406	12	2426	22	2446	32	2466
3	2408	13	2428	23	2448	33	2468
4	2410	14	2430	24	2450	34	2470
5	2412	15	2432	25	2452	35	2472
6	2414	16	2434	26	2454	36	2474
7	2416	17	2436	27	2456	37	2476
8	2418	18	2438	28	2458	38	2478
9	2420	19	2440	29	2460	39	2480

General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, the EUT is to comply with the requirements of the following standards:

FCC 47 CFR Part 15 Subpart C

KDB 558074 D01 15.247 Meas Guidance v05

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024 + Errata to C63.10a-2024

Deviation from standard

Not applicable as no deviation from standard test method

Modifications to EUT

For RF conducted measurements a pigtail was soldered out of the board while for radiated measurements there were no modifications to the device

2.0 Summary of Test Results

FCC Clause	ISED Clause	Test Item	Result	Remark	Serial number tested	Tested by
15.247 (a)(2)	RSS 247 5.2 (a)	DTS & 99% Channel Bandwidth	Pass	Highest 99% OCB: BT 4.0 - 1.05 MHz (1M05F1D) BT 5.0 - 2.07 MHz (2M07F1D)	008TCF1821	Hidayati
15.247 (b)(3)	RSS 247 5.4 (d)	Conducted RF Output Power (Peak)	Pass	Highest output power: BT 4.0 - 9.767dBm (9.478mW) BT 5.0 - 9.819dBm (9.592mW)	008TCF1821	Hidayati
15.247(e)	RSS 247 5.2 (b)	Maximum Peak Power Spectral Density	Pass	Meet the limit requirement.	008TCF1821	Hidayati
15.247 (d)	RSS-247 5.5	Band-Edge Conducted Spurious Emission	Pass	Worst case emission: -49.03dBm	008TCF1821	Hidayati
15.247 (b)	RSS-247 5.5	Conducted Spurious Emission	Pass	Worst case emission: -41.30dBm	008TCF1821	Hidayati
15.205, 15.209, 15.247 (d)	RSS247 5.5	Radiated Emission within Restricted Bands	Pass	Worst case emission: RBE: 44.70dBuV/m (Margin: 9.30dB) RSE: 43.34dBuV/m (Margin: 10.66dB)	008TCF1848	Nazrin & Fuad
15.207	RSS-Gen 8.8	AC Power Line Conducted Spurious Emission	Pass	Meet the limit requirement.	008TCF1848	Helmy
15.203	-	Antenna Requirement	NA	Internal antenna is not accessible to the end-user	NA	NA

3.0. Measurement Uncertainty

The measurement uncertainties below were calculated using approach describe in ETSI TR 100 028, ETSI TR 100 028-2 (using a coverage factor of $k = 1.96$) & CISPR 16-4-2 (using a coverage factor of $k=2$), which gives a level of confidence of approximately 95%.

According to CISPR 16-4-2, the levels were found to be below levels of U_{CISPR} and therefore no adjustment of the data for measurement uncertainty is required.

ETSI TR 100 028 & ETSI TR 100 028-2:

MEASUREMENT TYPE	FREQUENCY RANGE	EXPANDED UNCERTAINTY
Conducted Spurious Output Power	9kHz-12750MHz	± 2.82 dB

CISPR 16-4-2:

MEASUREMENT TYPE	FREQUENCY RANGE	EXPANDED UNCERTAINTY
AC Power-line Conducted Emissions	150kHz-30MHz	± 3.44 dB
Radiated Emissions	30MHz-1000MHz	± 6.00 dB
Radiated Emissions	1000MHz-18000MHz	± 5.14 dB
Radiated Emissions	18000MHz-40000MHz	± 5.36 dB

Final Reported Test Results

The final reported test results are calculated using the following equation:

Reported RF Measurement Results = Measured Measurement Results + Correction Factor

Where:

- Measured Measurement Results is the measured test results
- Correction Factor is the cumulative loss of all cables used during measurement, including temporary RF connector and antenna gain.

4.0 Equipment List

Bluetooth ATE # 1 (SW Version: Ate Main_v3.2.2)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
POWER SUPPLY	6652A	3541A02371	30-Sep-25	03-Sep-26
SPECTRUM ANALYZER	E4440A	MY46186938	13-Nov-25	13-Nov-26
CHAMBER	SH-641	92003820	09-Jul-25	09-Jul-26

Radiated Emission Station (SW Version: EMC FCC IC RE v1.8.2)

Description	Model #	Serial Number	Calibration Date	Calibration Due Date
DRG HORN FREQ.	SAS-571	719	31-Oct-25	31-Oct-26
DRG HORN FREQ.	SAS-571	1027	21-Jul-25	21-Jul-26
DC Power Supply	6031A	3313A02730	06-Oct-25	06-Oct-26
SIGNAL GENERATOR	SMB 100A	180683	20-Dec-24	20-Dec-27
EMI TEST RECEIVER	ESW44	101731	11-Aug-25	10-Aug-26
BILOG ANTENNA	CBL 6112D	55546	30-Jun-25	30-Jun-26
BILOG ANTENNA	CBL6112B	2964	06-Nov-25	06-Nov-26
DATA LOGGER THERMOHYGROMETER	SDL500	A.016785	16-Jul-25	16-Jul-26
BROAD-BAND HORN ANTENNA	BBHA9170	BBHA9170143	30-Sep-25	30-Sep-26
PREAMPLIFIER 1-18GHz	EMC0518A45SE	981005	19-Sep-25	18-Sep-26
PREAMPLIFIER	PAM-0118P	361	29-Sep-23	29-Sep-26
LOOP ANTENNA	6502	00208416	06-Nov-25	06-Nov-26
5m SEMI-ANECHOIC CHAMBER	S800-HX	J2308	Not Required	Not Required
SYSTEM CONTROLLER	SC104V	050806-1	Not Required	Not Required
TURNTABLE FLUSH MOUNT 2M	FM2011	FM2011-001	Not Required	Not Required
ANTENNA POSITIONING TOWER	TLT2	090308-5	Not Required	Not Required
PREAMPLIFIER 18-40GHz	JS44-18004000-33-8P	2034566	Not Required	Not Required

AC Powerline Station (SW Version: EMC32 Ver.10.60.10)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
DATA LOGGER	DSB	16344143	16-Jul-2025	16-Jul-2026
V-NETWORK 2-LINE	ENV216	101268	30-Jun-2025	30-Jun-2026
EMI TEST RECEIVER	ESCI 3	100225	04-Sep-2025	04-Sep-2026
PROGRAMMABLE AC SOURCE	61604	ABR000000926	20-Aug-2025	20-Aug-2026

Note: Performed test site validation in accordance with ANSI C63.4-2014+C63.4a-2017 (30 MHz - 1 GHz) and CISPR 16-1-4 (1 GHz - 18 GHz) annually but no less than once every 3 years.

5.0 Test Mode Applicability and Test Channel Detail

Radiated Emission Test (Above 1GHz)

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Channel	Tested Channel	Modulation Type	Environmental Conditions
Test Mode	0 to 39	0,19,39	GFSK	23.7°C, 68.9%RH

Radiated Emission Test (Below 1GHz)

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Channel	Tested Channel	Modulation Type	Environmental Conditions
Test Mode	0 to 39	0,19,39	GFSK	23.7°C, 68.9%RH

Power Line Conducted Emission Test

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Channel	Tested Channel	Modulation Type	Environmental Conditions
Application Mode	0 to 39	AUTO	AUTO	20.1°C, 54.9%RH

Antenna Port Conducted Measurement:

☒ This item includes all test value of each mode, but only includes spectrum plot of worst value of each mode.

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

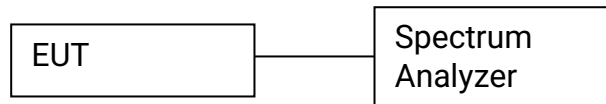
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Channel	Tested Channel	Modulation Type	Environmental Conditions
Test Mode	0 to 39	0,19,39	GFSK	25°C, 54.8%RH

6.0 Transmitter Test Parameters

6.1 6dB Channel Bandwidth

6.1.1 Test Setup



- 1) Check and ensure the spectrum analyzer well calibrate.
- 2) Turn on the DUT and set DUT to transmit maximum power.
- 3) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- 4) Setting of Spectrum analyzer :
 - a. RBW = 100 kHz
 - b. VBW = 300 kHz
 - c. Detector mode = Peak
 - d. Trace = Max hold
 - e. Sweep = auto
- 5) Measure the freq different of two frequencies that were attenuated 6dB from peak of the emission & record the frequency difference as the emission bandwidth.

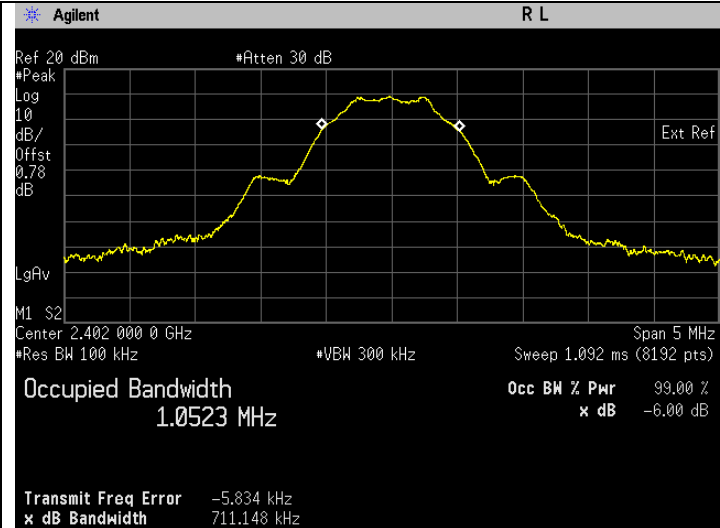
6.1.2 Test Limits:

Normal Condition (25 ° C)
≥500 kHz

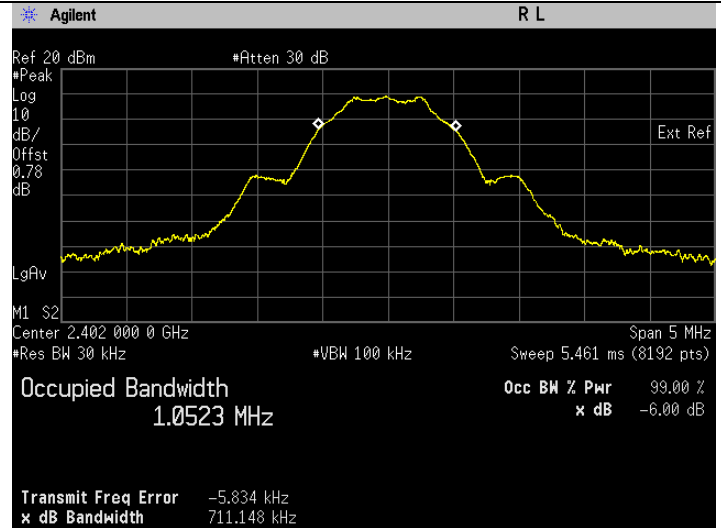
6.1.3 Test Data:

BTLE 1M

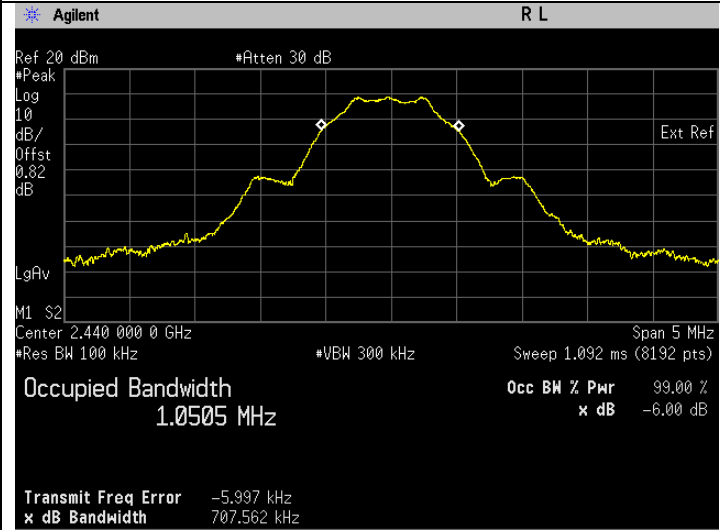
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Status
Bluetooth LE	1	2402	0.72	1.05	Pass
Bluetooth LE	1	2440	0.72	1.05	Pass
Bluetooth LE	1	2480	0.72	1.05	Pass



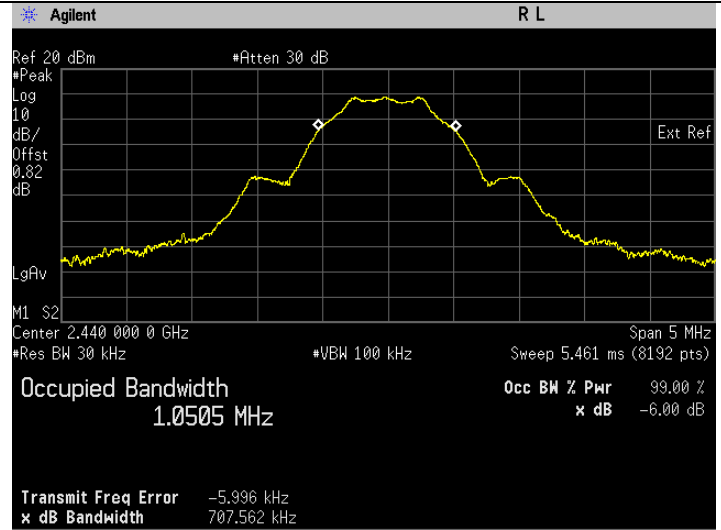
6dB Bandwidth. Bluetooth LE Frequency 2402 MHz



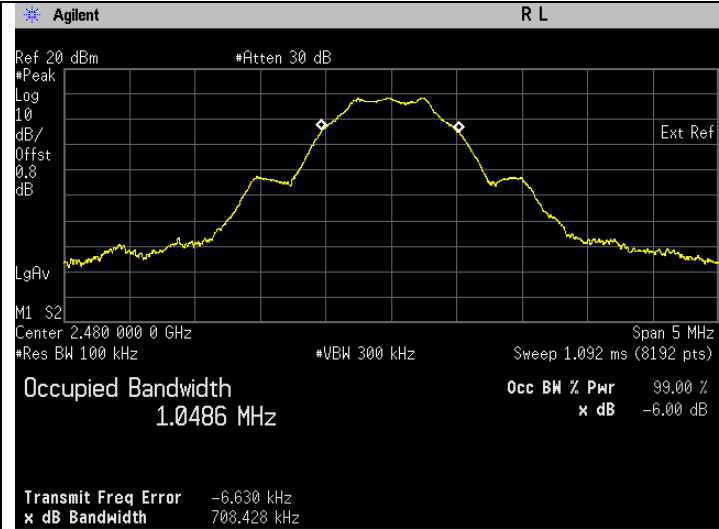
99% Bandwidth. Bluetooth LE Frequency 2402 MHz.



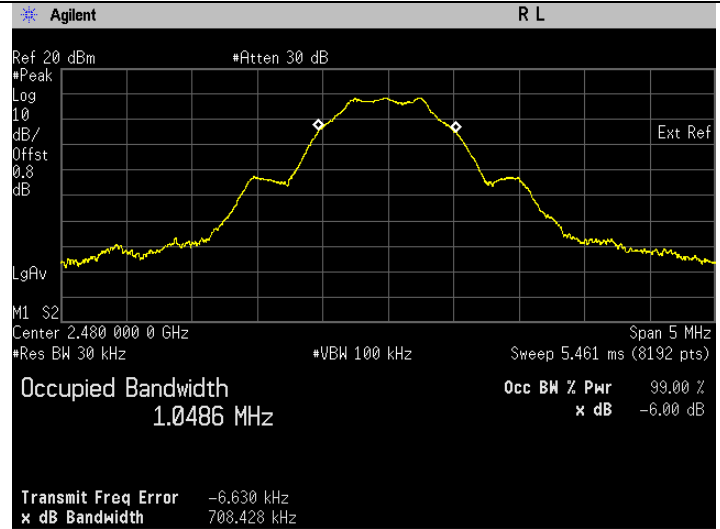
6dB Bandwidth. Bluetooth LE Frequency 2440 MHz



99% Bandwidth. Bluetooth LE Frequency 2440 MHz.



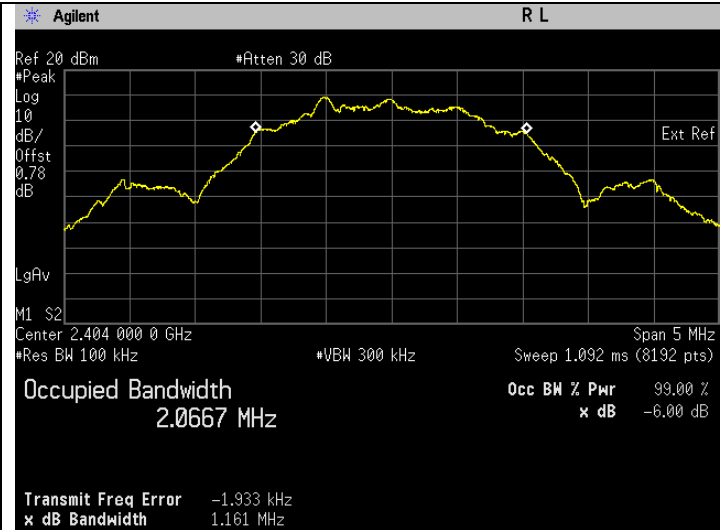
6dB Bandwidth. Bluetooth LE Frequency 2480 MHz



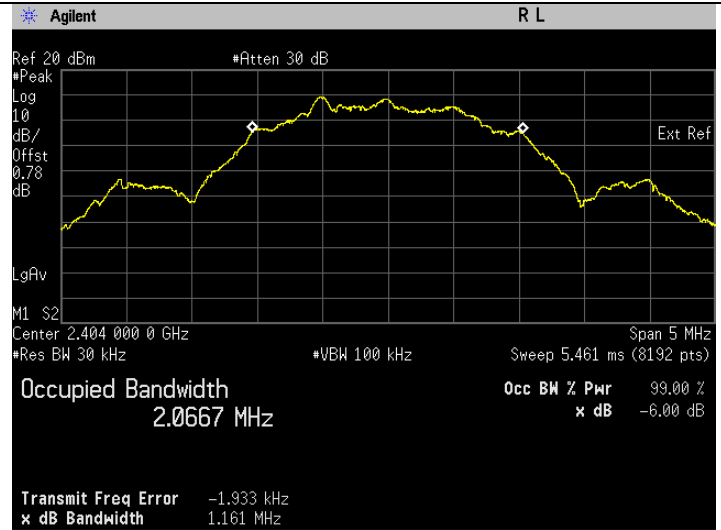
99% Bandwidth. Bluetooth LE Frequency 2480 MHz.

BTLE 2M

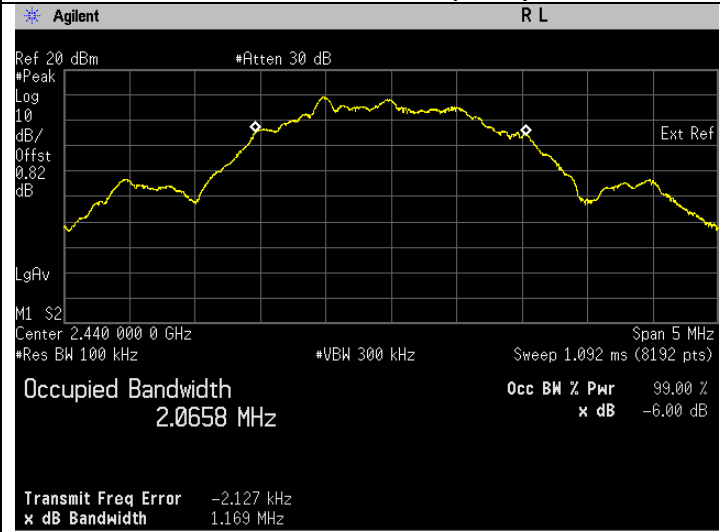
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	6dB Bandwidth (MHz)	99% Bandwidth (MHz)	Status
Bluetooth LE	2	2404	1.16	2.07	Pass
Bluetooth LE	2	2440	1.17	2.07	Pass
Bluetooth LE	2	2478	1.17	2.06	Pass



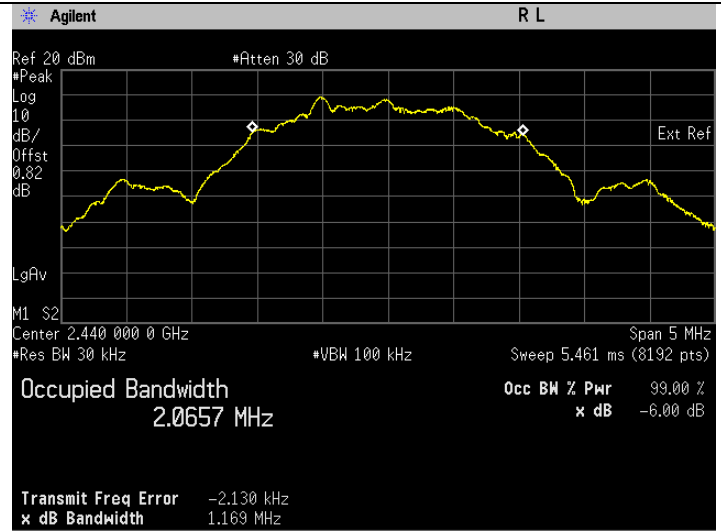
6dB Bandwidth. Bluetooth LE Frequency 2404 MHz



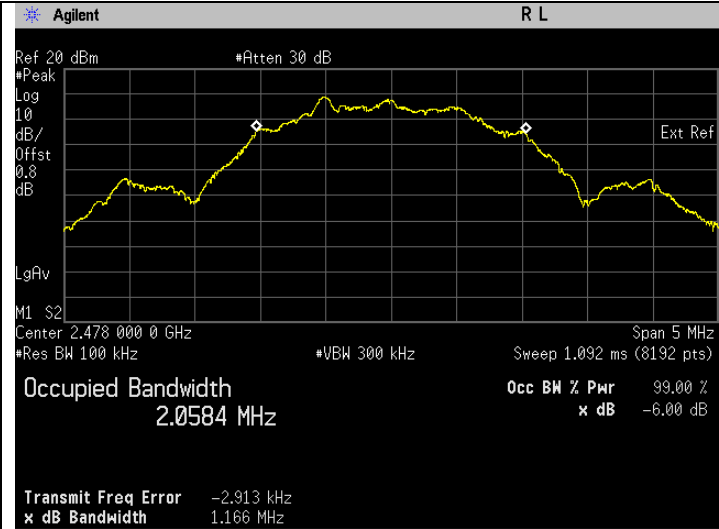
99% Bandwidth. Bluetooth LE Frequency 2404 MHz.



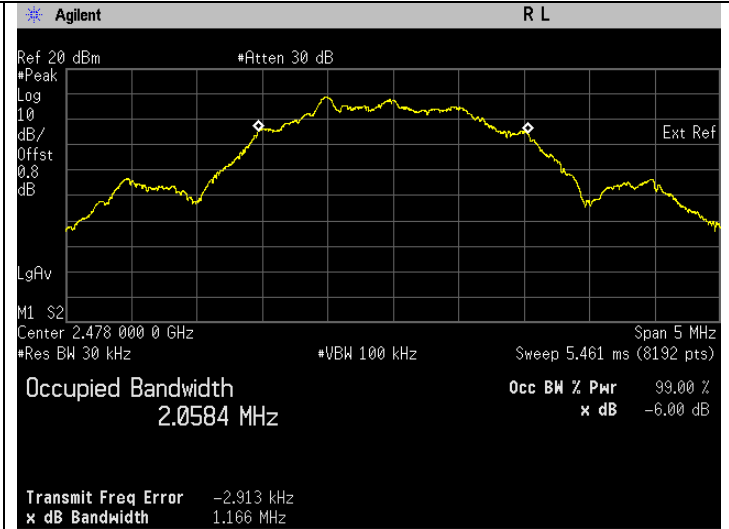
6dB Bandwidth. Bluetooth LE Frequency 2440 MHz



99% Bandwidth. Bluetooth LE Frequency 2440 MHz.



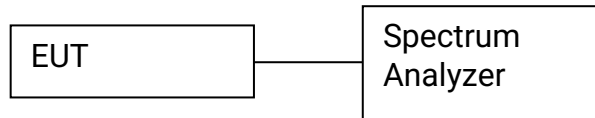
6dB Bandwidth. Bluetooth LE Frequency 2478 MHz



99% Bandwidth. Bluetooth LE Frequency 2478 MHz.

6.2 Conducted RF Output Power

6.2.1 Test Setup



Peak

- 1) Check and ensure the spectrum analyzer well calibrate.
- 2) Turn on the DUT and set DUT to transmit maximum power.
- 3) Measure the duty cycle of transmitter output signal.
- 4) Setting of Spectrum analyzer :
 - a. Set the RBW = 3 MHz.
 - b. Set the VBW = 50 MHz.
 - c. Set the span $\geq [1.5 \times \text{OBW bandwidth}]$.
 - d. Detector = Peak
 - e. Sweep time = auto couple.
 - f. Trace mode = max hold.
 - g. Allow trace to fully stabilize.

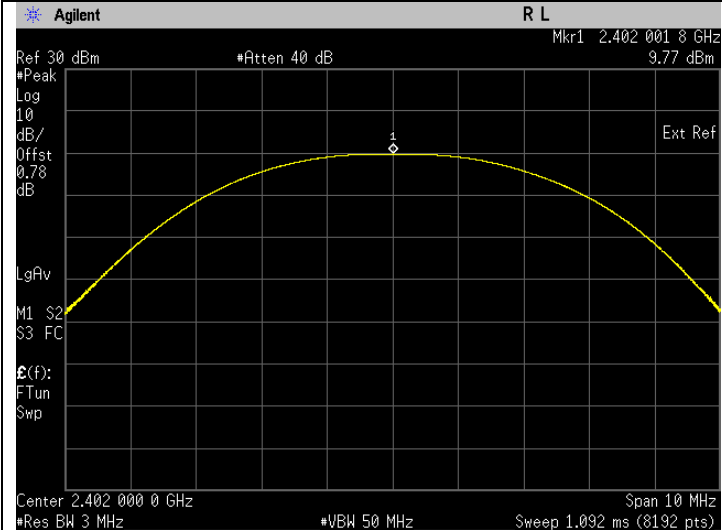
6.2.2 Test Limits:

Normal Condition (25 ° C)
≤ 1 Watt(30 dBm)

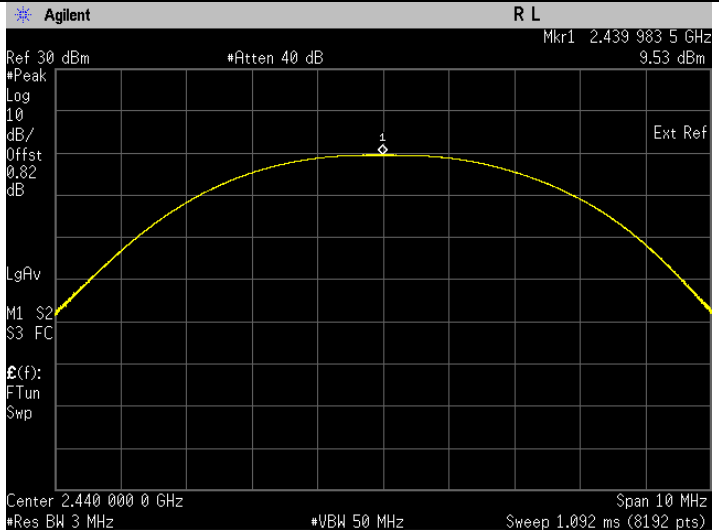
6.2.3 Test Data:

BTLE 1M

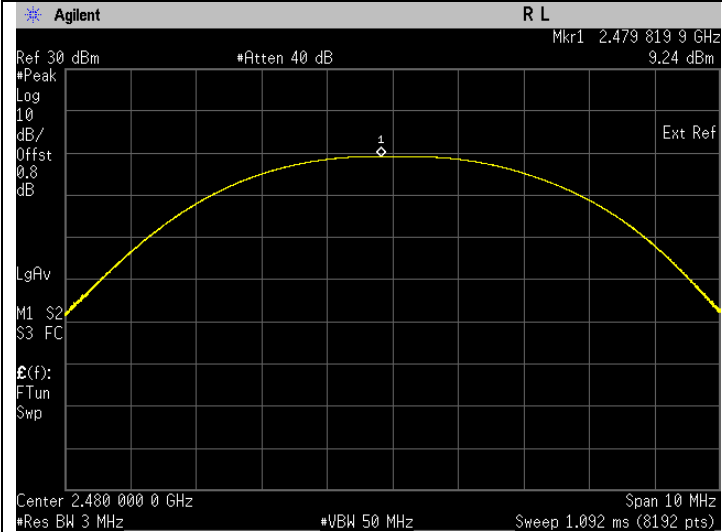
Test Conditions		Test Frequency	Results	
Standard	Data Rate	Tx (MHz)	Output Power (dBm)	Status
Bluetooth LE	1	2402	9.767	Pass
Bluetooth LE	1	2440	9.526	Pass
Bluetooth LE	1	2480	9.243	Pass



Frequency 2402 MHz



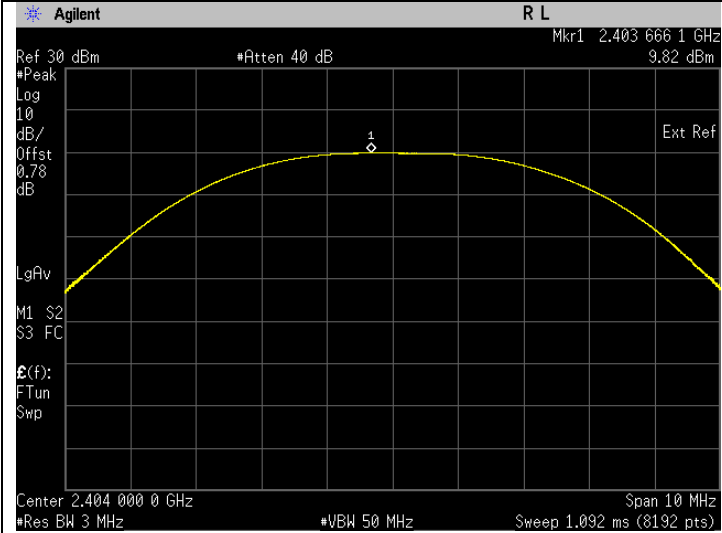
Frequency 2440 MHz



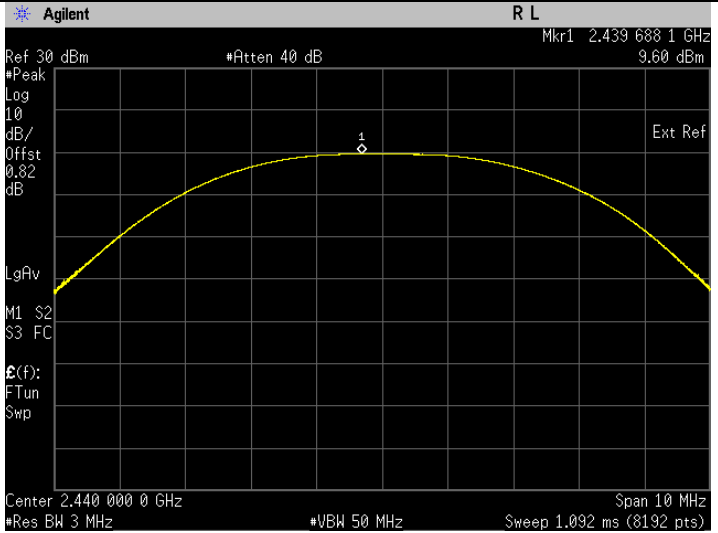
Frequency 2480 MHz

BTLE 2M

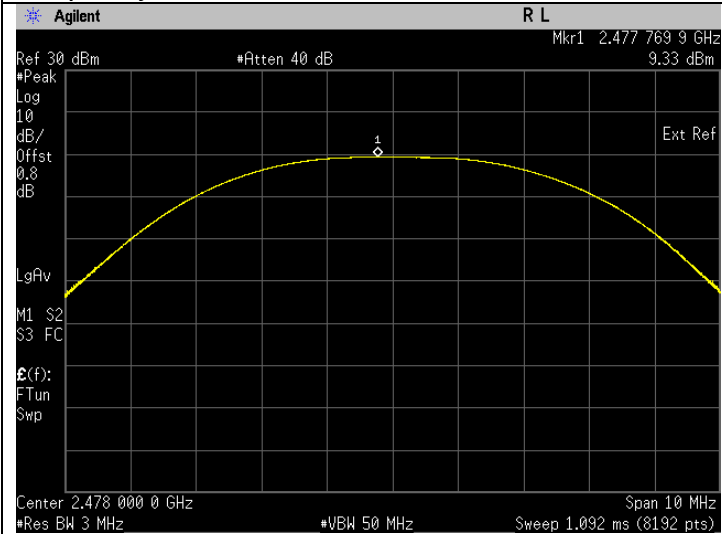
Test Conditions		Test Frequency	Results	
Standard	Data Rate	Tx (MHz)	Output Power (dBm)	Status
Bluetooth LE	2	2404	9.819	Pass
Bluetooth LE	2	2440	9.595	Pass
Bluetooth LE	2	2478	9.329	Pass



Frequency 2404 MHz



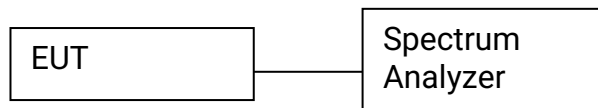
Frequency 2440 MHz



Frequency 2478 MHz

6.3 Maximum Peak Power Spectral Density

6.3.1 Test Setup



Maximum Peak

- 1) Check and ensure the spectrum analyzer well calibrate.
- 2) Turn on the DUT and set DUT to transmit maximum power.
- 3) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- 4) Setting of Spectrum analyzer :
 - a. Set analyzer center frequency to DTS channel center frequency.
 - b. Set the span to 1.5 times the DTS bandwidth.
 - c. Set the RBW to 3 kHz.
 - d. Set the VBW $\geq [3 \times \text{RBW}]$.
 - e. Detector = peak.
 - f. Sweep time = auto couple.
 - g. Trace mode = max hold.
 - h. Allow trace to fully stabilize.
 - i. Use the peak marker function to determine the maximum amplitude level within the RBW.
 - j. If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.

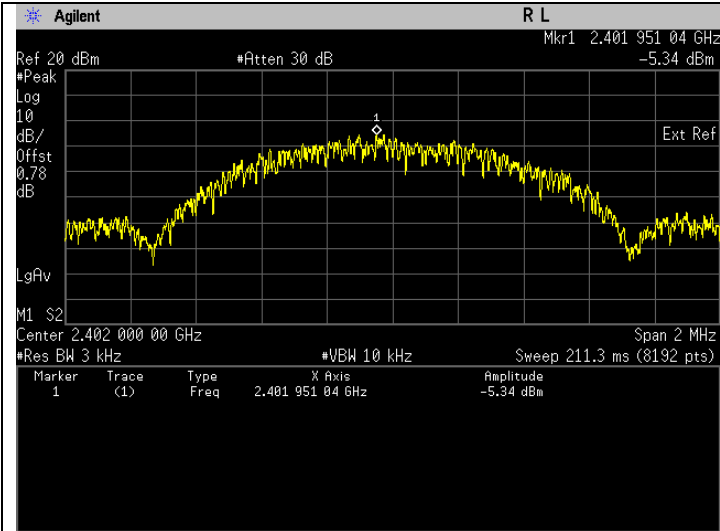
6.3.2 Test Limits:

Normal Condition (25 ° C)
$\leq 8 \text{ dBm/3kHz}$

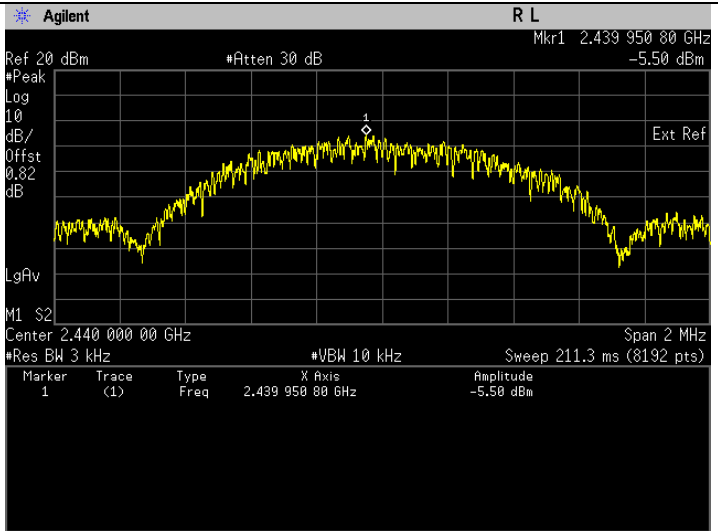
6.3.3 Test Result

BTLE 1M

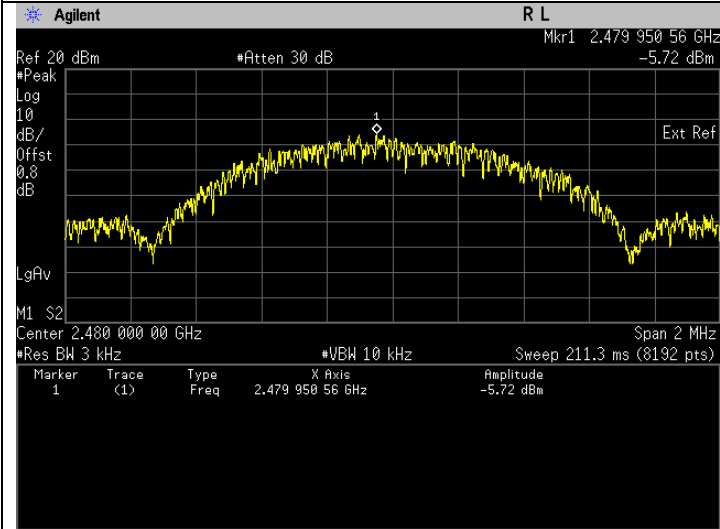
Test Conditions		Test Frequency	Results	
Standard	Data Rate	Tx (MHz)	Power (dBm/3kHz)	Status
Bluetooth LE	1	2402	-5.34	Pass
Bluetooth LE	1	2440	-5.50	Pass
Bluetooth LE	1	2480	-5.72	Pass



Maximum Power Spectral Density. Bluetooth LE
Frequency 2402 MHz.



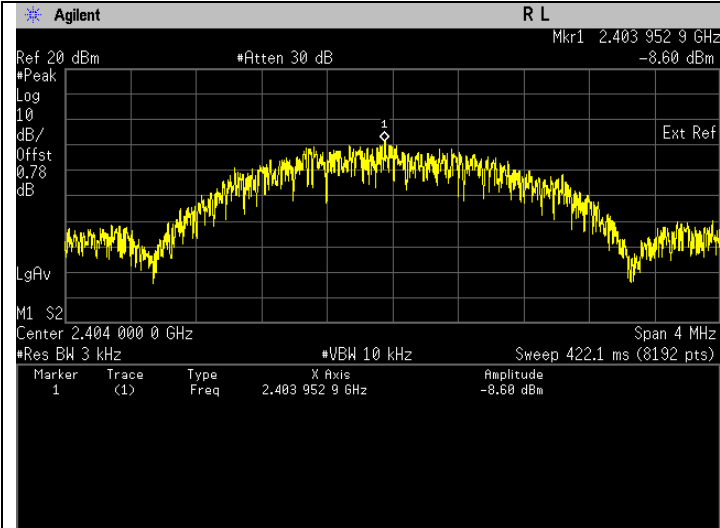
Maximum Power Spectral Density. Bluetooth LE
Frequency 2440 MHz.



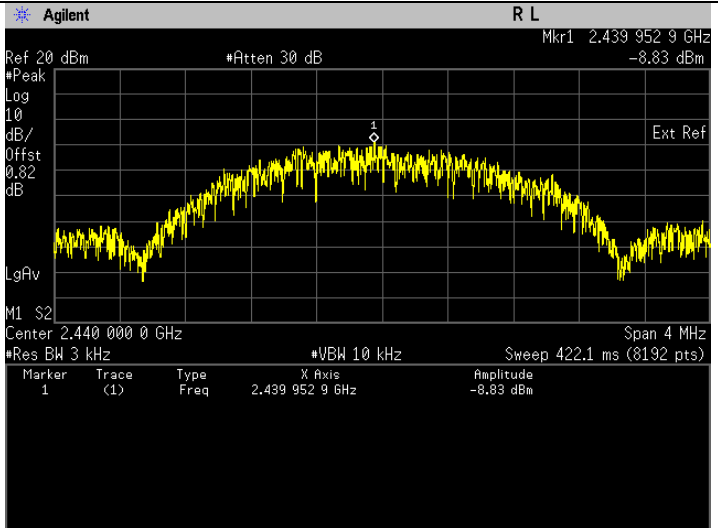
Maximum Power Spectral Density. Bluetooth LE
Frequency 2480 MHz.

BTLE 2M

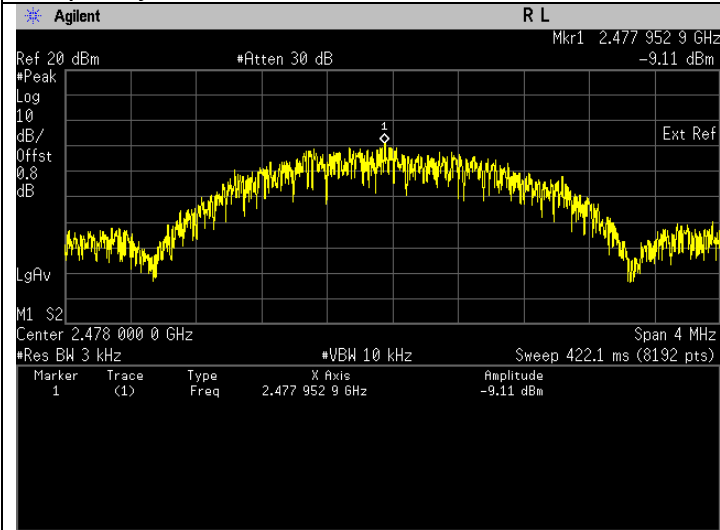
Test Conditions		Test Frequency	Results	
Standard	Data Rate	Tx (MHz)	Power (dBm/3kHz)	Status
Bluetooth LE	2	2404	-8.60	Pass
Bluetooth LE	2	2440	-8.83	Pass
Bluetooth LE	2	2478	-9.11	Pass



Maximum Power Spectral Density. Bluetooth LE
Frequency 2404 MHz.



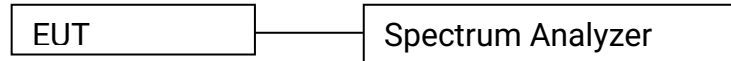
Maximum Power Spectral Density. Bluetooth LE
Frequency 2440 MHz.



Maximum Power Spectral Density. Bluetooth LE
Frequency 2478 MHz.

6.4 Conducted Spurious Emission

6.4.1 Test Setup



- 1) Check and ensure the spectrum analyzer well calibrate.
- 2) Turn on the DUT and set DUT to transmit maximum power.
- 3) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- 4) Setting of Spectrum analyzer :
 - a. RBW = 100 kHz
 - b. VBW = 300 kHz
 - c. Detector mode = Peak
 - d. Trace = Max Hold
 - e. Sweep = auto
- 5) Use the peak marker function to measure highest emission and scan up to 10th harmonic.

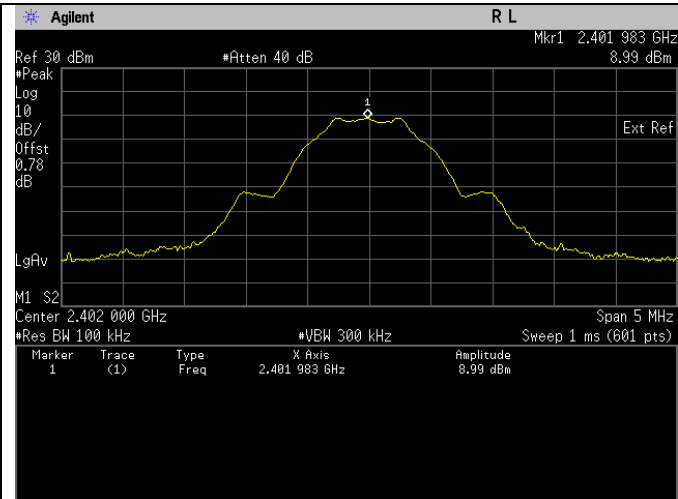
6.4.2 Test Limits:

Normal Condition (25 ° C)
Shall be at least 20 dB below max power. (Peak detector)

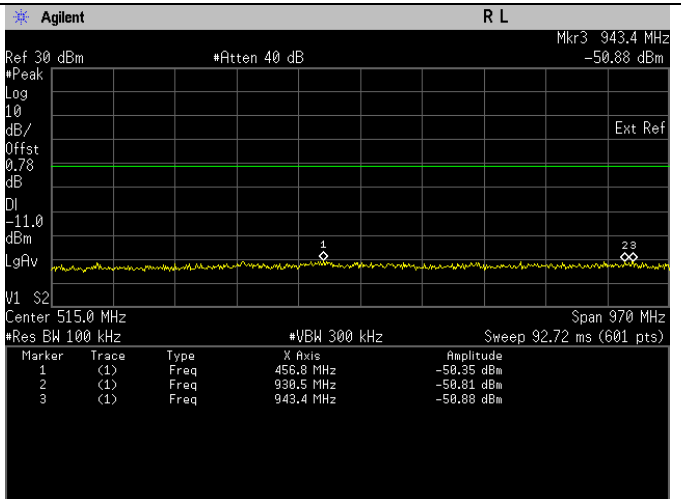
6.4.3 Test Result

BTLE 1M

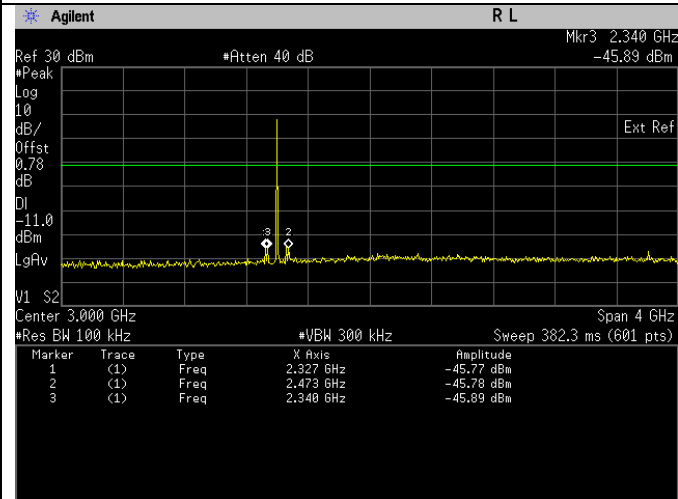
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	Spurs (MHz)	Level (dBm)	Status
Bluetooth LE	1	2402	23792.00	-41.37	Pass
			24850.00	-41.49	Pass
			24592.00	-41.54	Pass
Bluetooth LE	1	2440	13575.00	-41.61	Pass
			24842.00	-41.78	Pass
			13617.00	-41.98	Pass
Bluetooth LE	1	2480	24217.00	-41.76	Pass
			24817.00	-42.19	Pass
			24250.00	-42.19	Pass



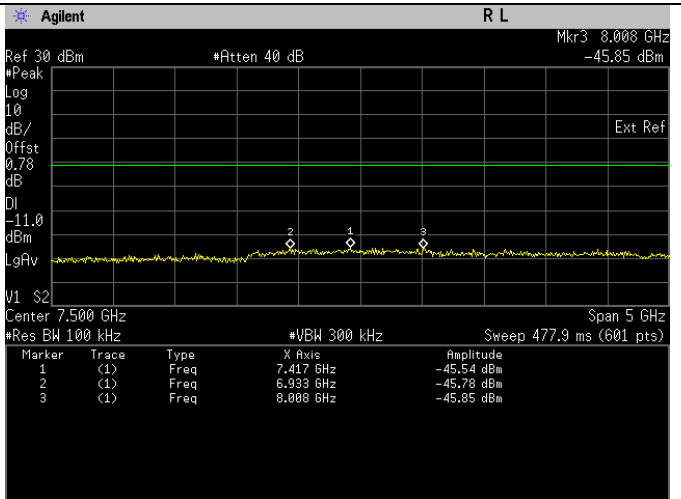
Frequency 2402 MHz. Reference Level.



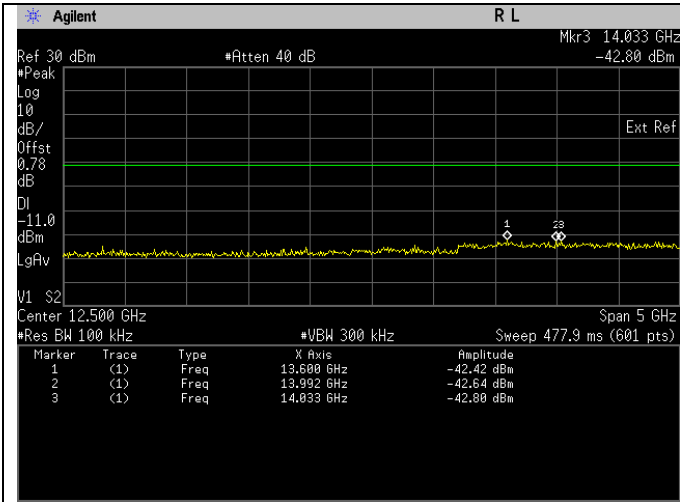
Frequency 2402 MHz. Emission Level, 30 MHz -> 1 GHz.



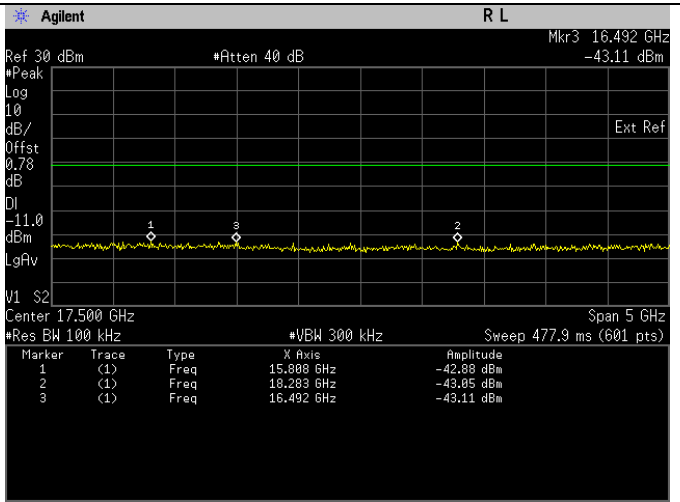
Frequency 2402 MHz. Emission Level, 1 GHz -> 5 GHz.



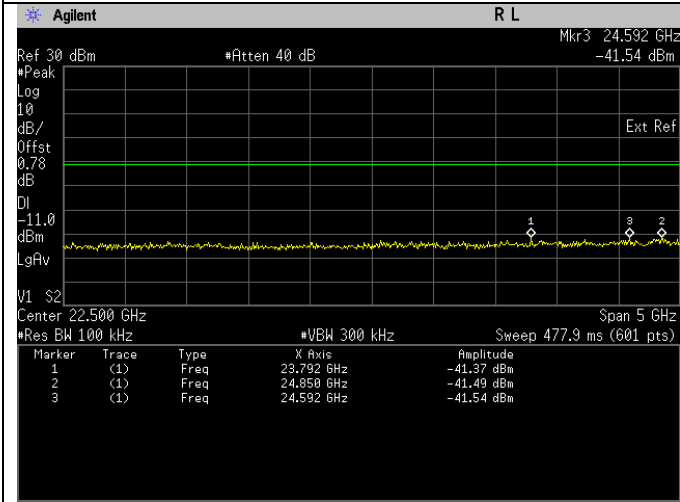
Frequency 2402 MHz. Emission Level, 5 GHz -> 10 GHz.



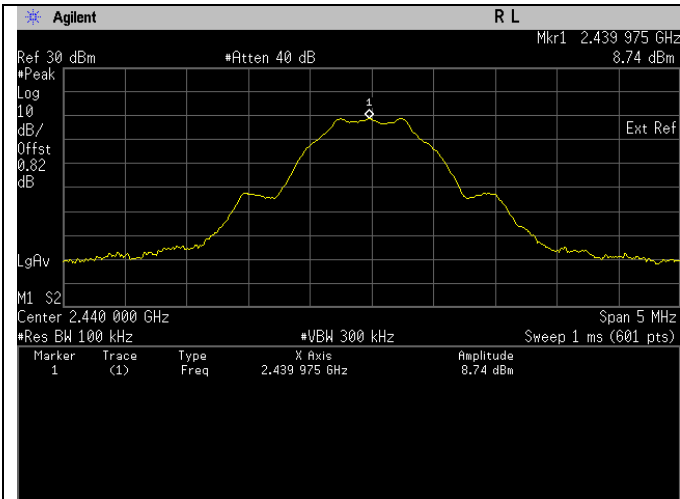
Frequency 2402 MHz. Emission Level, 10 GHz -> 15 GHz.



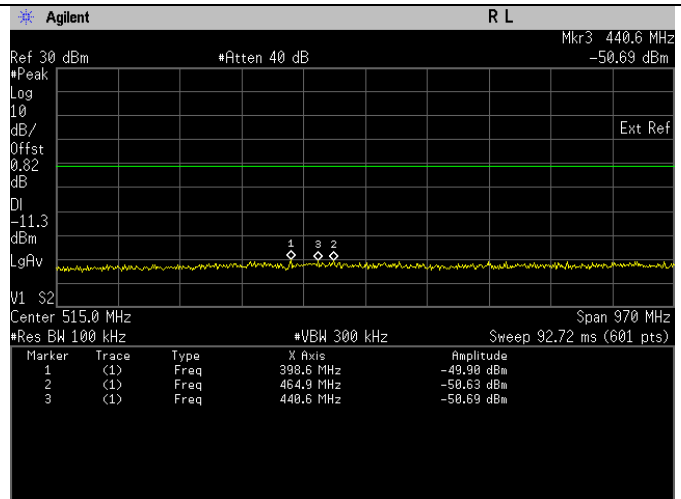
Frequency 2402 MHz. Emission Level, 15 GHz -> 20 GHz.



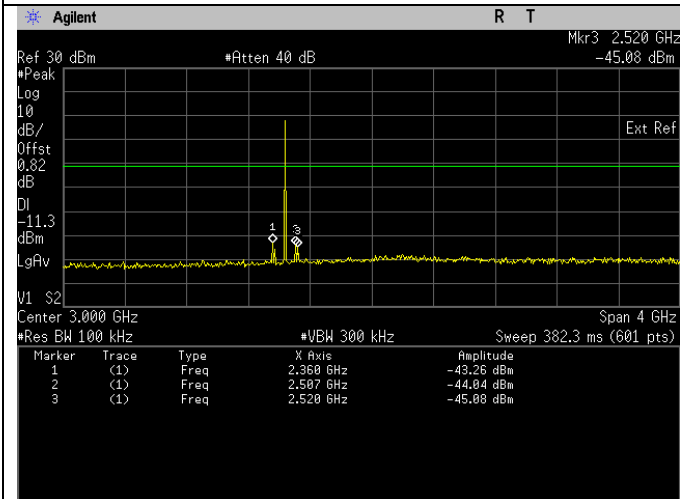
Frequency 2402 MHz Emission Level, 20 GHz -> 25 GHz.



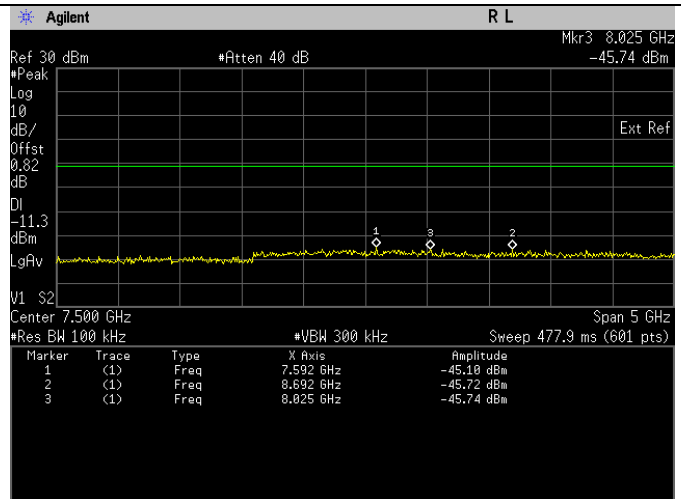
Frequency 2440 MHz. Reference Level.



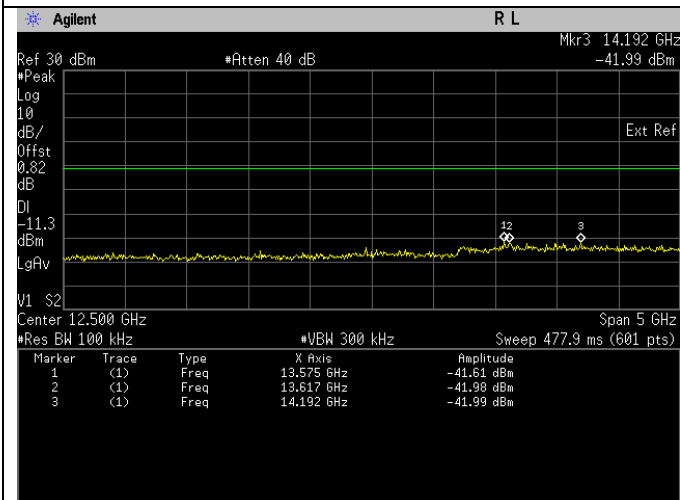
Frequency 2440 MHz. Emission Level, 30 MHz -> 1 GHz.



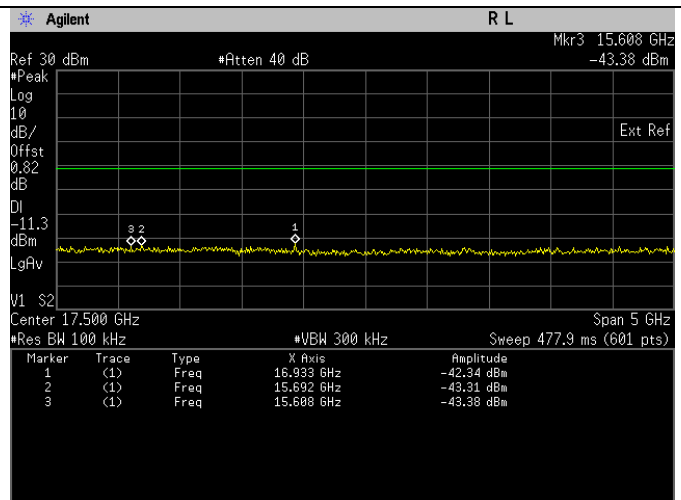
Frequency 2440 MHz. Emission Level, 1 GHz -> 5 GHz.



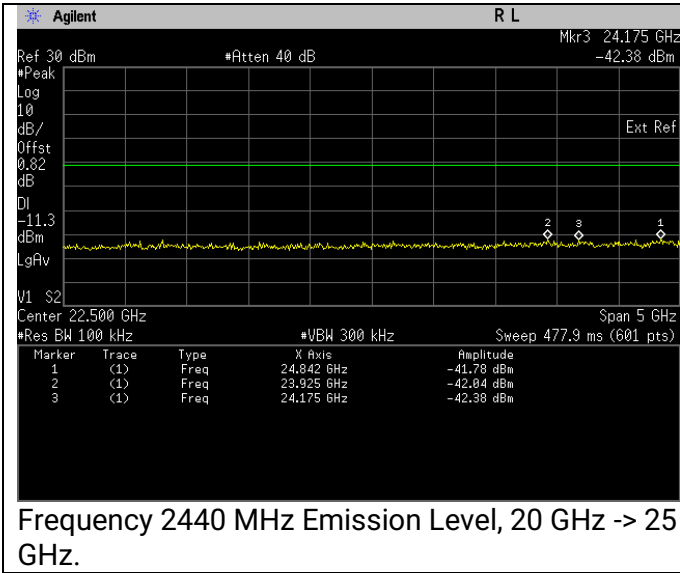
Frequency 2440 MHz. Emission Level, 5 GHz -> 10 GHz.

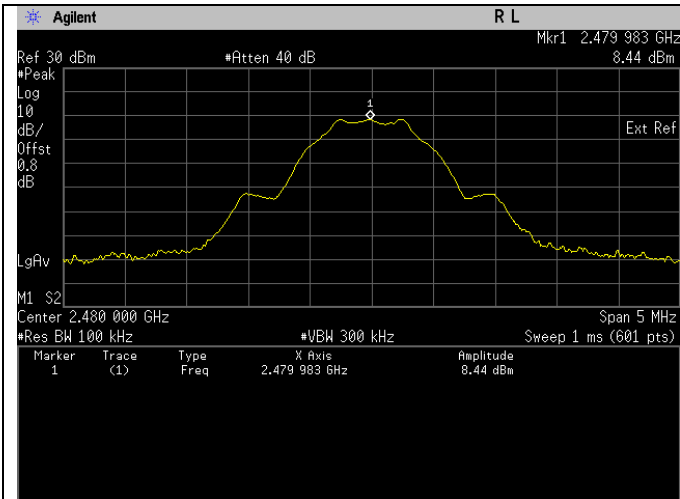


Frequency 2440 MHz. Emission Level, 10 GHz -> 15 GHz.

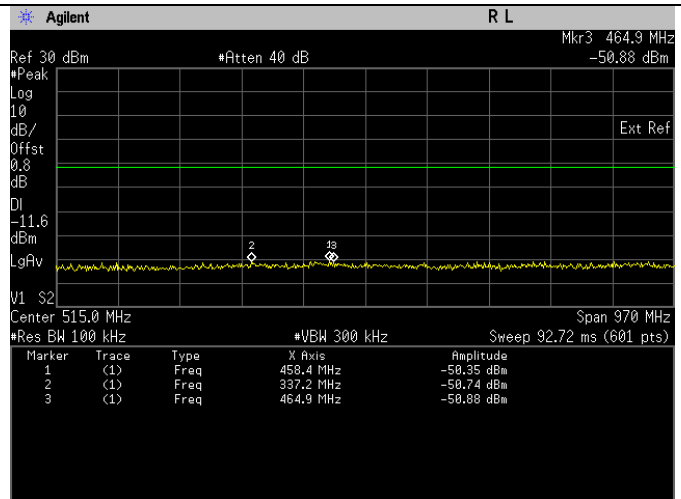


Frequency 2440 MHz. Emission Level, 15 GHz -> 20 GHz.

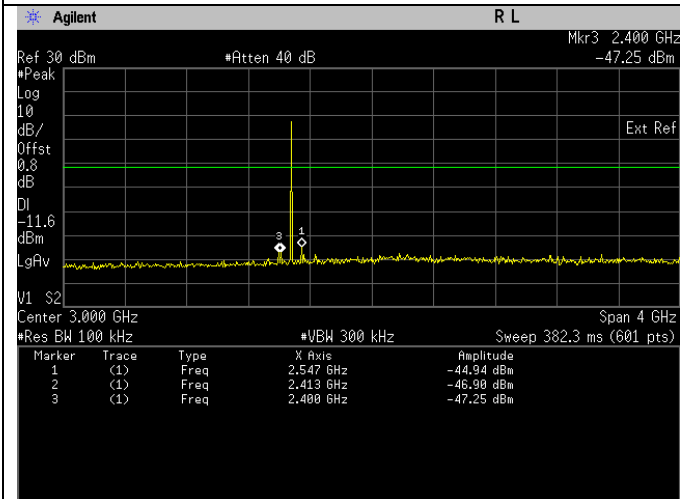




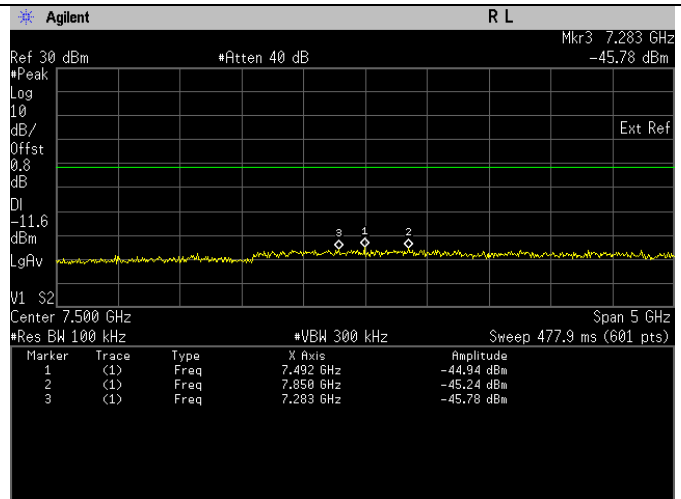
Frequency 2480 MHz. Reference Level.



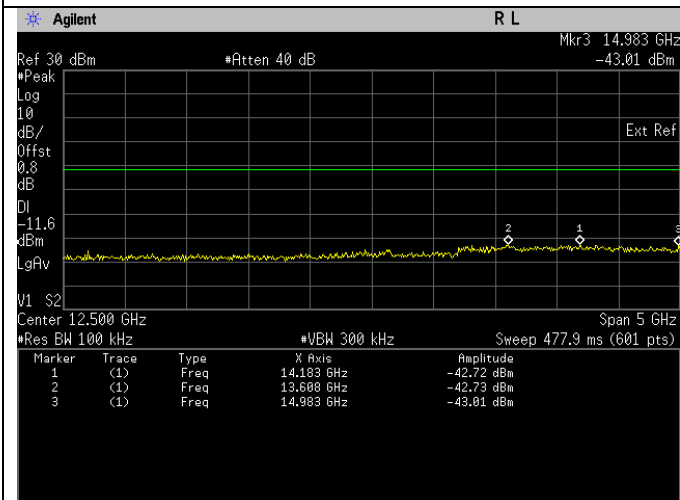
Frequency 2480 MHz. Emission Level, 30 MHz -> 1 GHz.



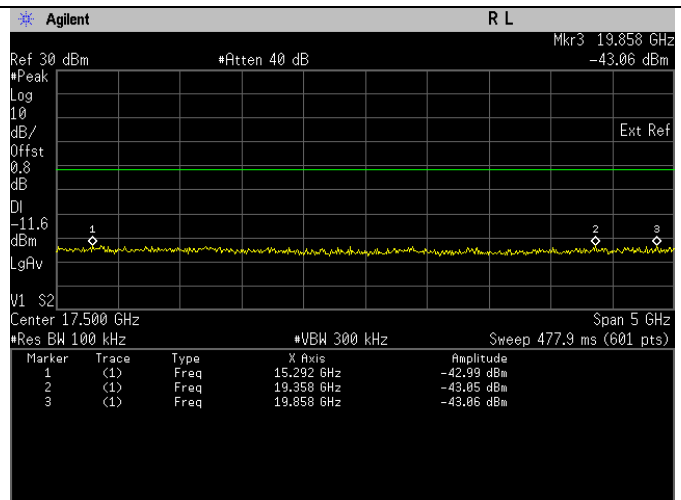
Frequency 2480 MHz. Emission Level, 1 GHz -> 5 GHz.



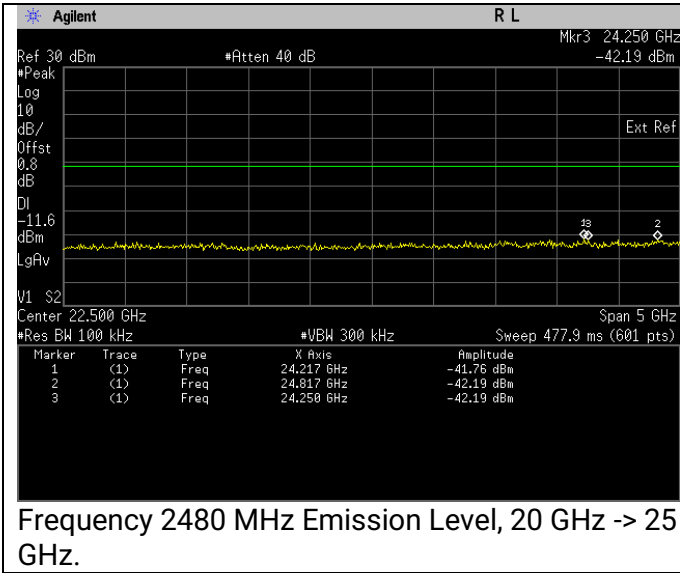
Frequency 2480 MHz. Emission Level, 5 GHz -> 10 GHz.



Frequency 2480 MHz. Emission Level, 10 GHz -> 15 GHz.

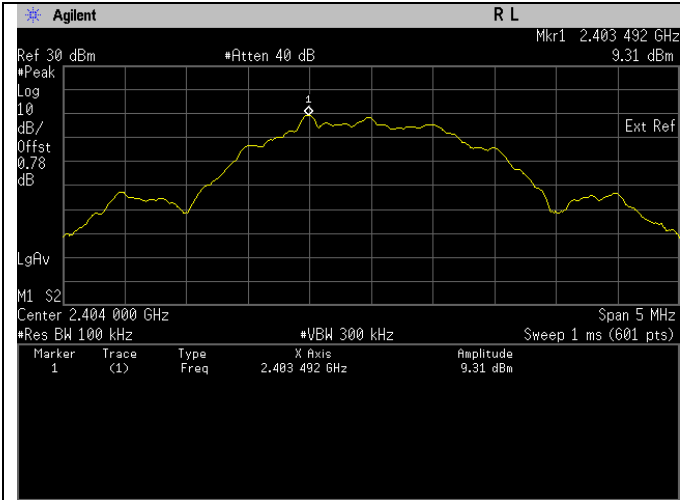


Frequency 2480 MHz. Emission Level, 15 GHz -> 20 GHz.

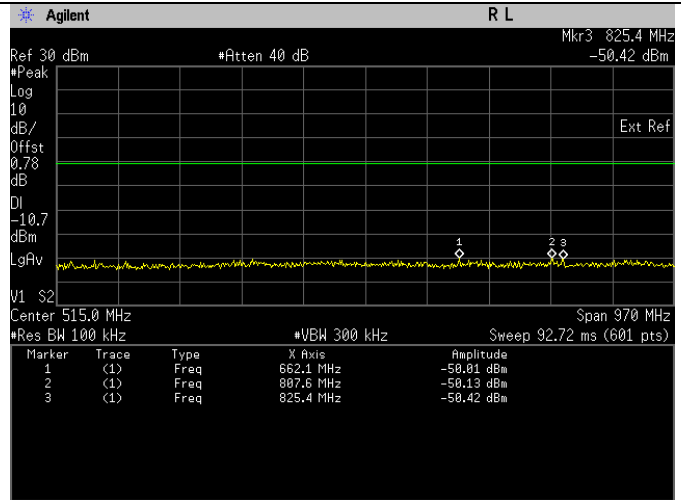


BTLE 2M

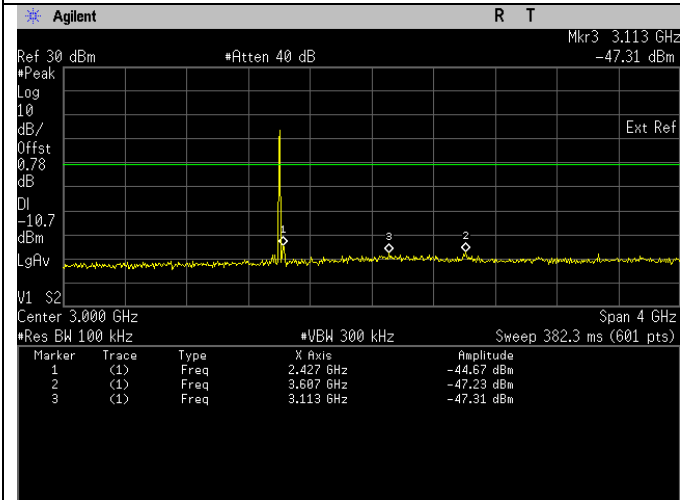
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	Spurs (MHz)	Level (dBm)	Status
Bluetooth LE	2	2404	24842.00	-41.30	Pass
			24817.00	-41.79	Pass
			24217.00	-41.98	Pass
Bluetooth LE	2	2440	13617.00	-41.90	Pass
			14050.00	-41.94	Pass
			24742.00	-42.08	Pass
Bluetooth LE	2	2478	24917.00	-41.90	Pass
			24175.00	-42.22	Pass
			15292.00	-42.27	Pass



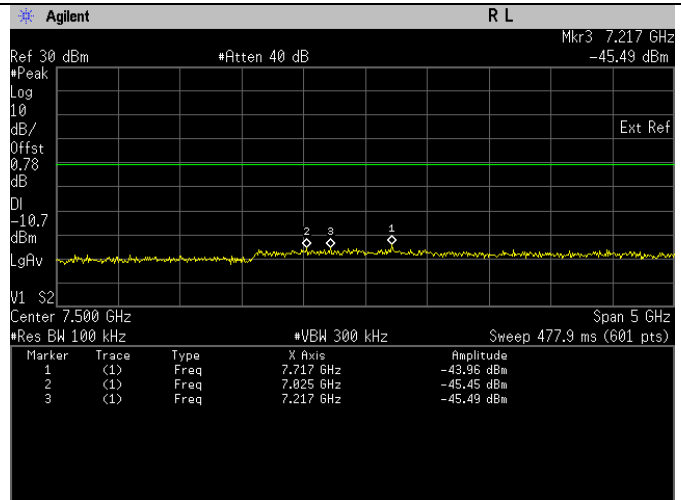
Frequency 2404 MHz. Reference Level.



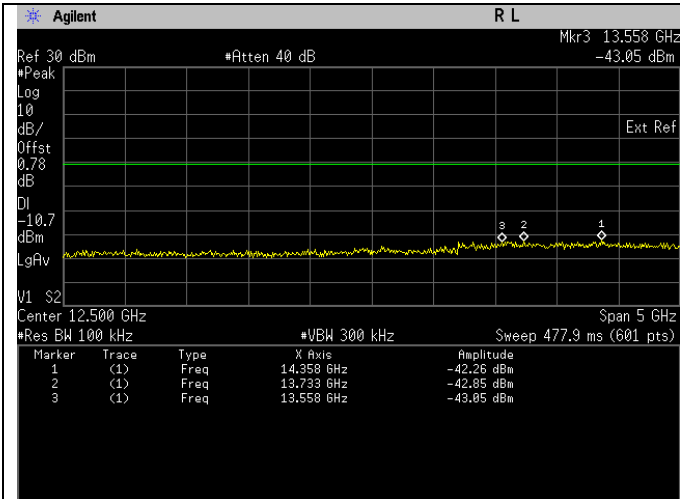
Frequency 2404 MHz. Emission Level, 30 MHz -> 1 GHz.



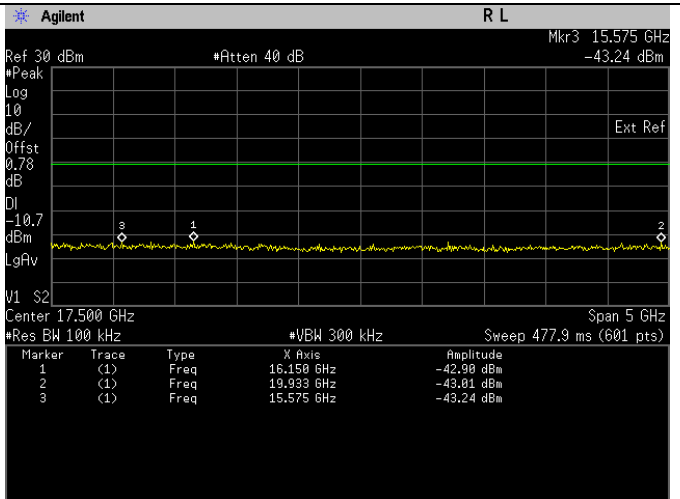
Frequency 2404 MHz. Emission Level, 1 GHz -> 5 GHz.



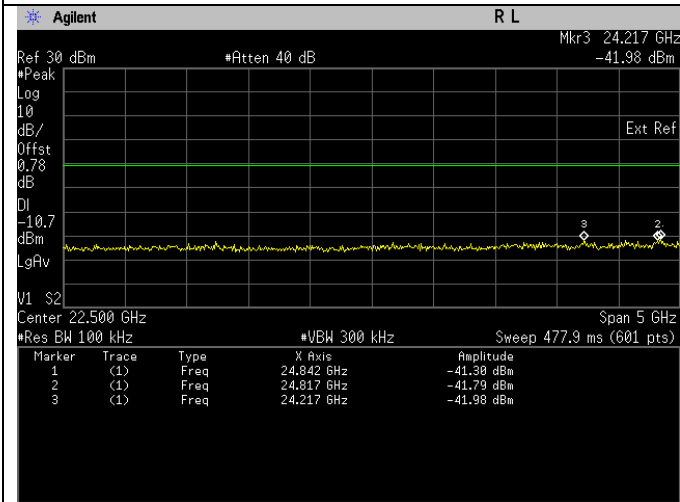
Frequency 2404 MHz. Emission Level, 5 GHz -> 10 GHz.



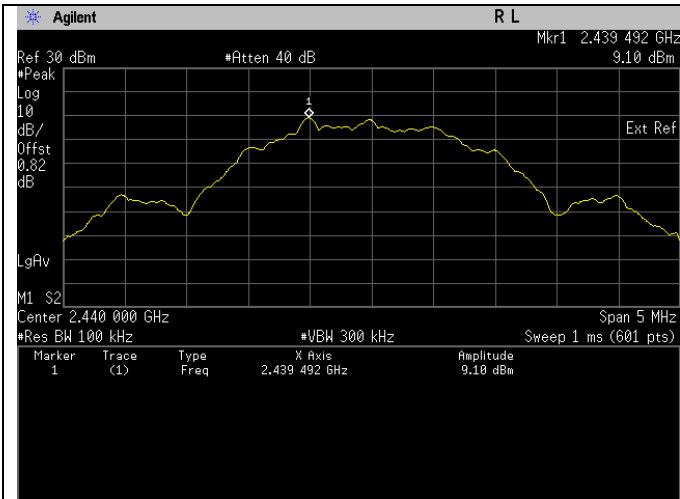
Frequency 2404 MHz. Emission Level, 10 GHz -> 15 GHz.



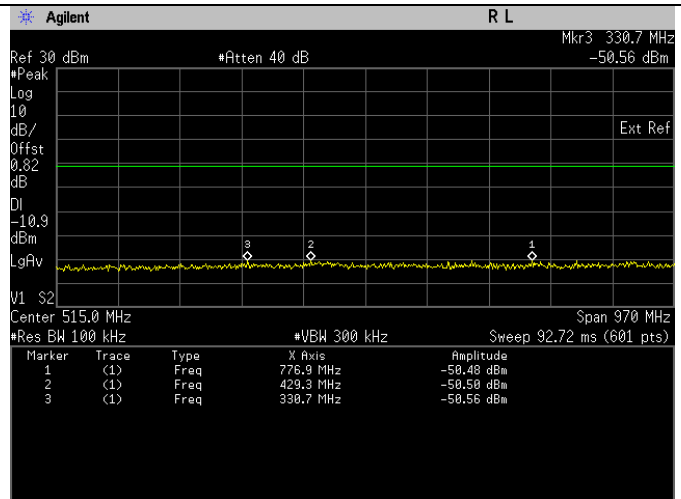
Frequency 2404 MHz. Emission Level, 15 GHz -> 20 GHz.



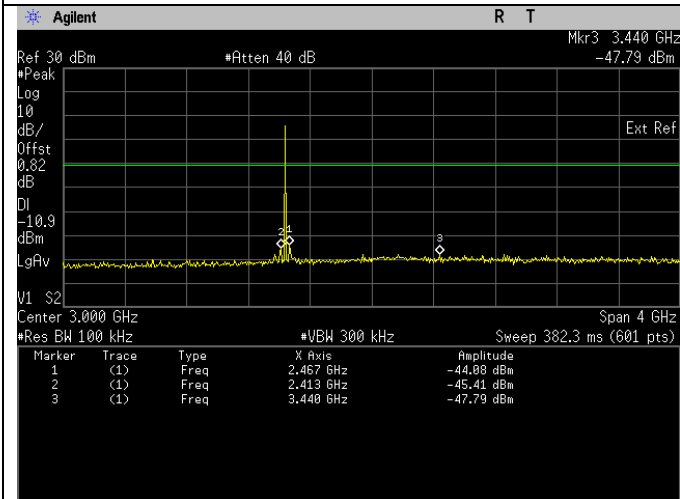
Frequency 2404 MHz Emission Level, 20 GHz -> 25 GHz.



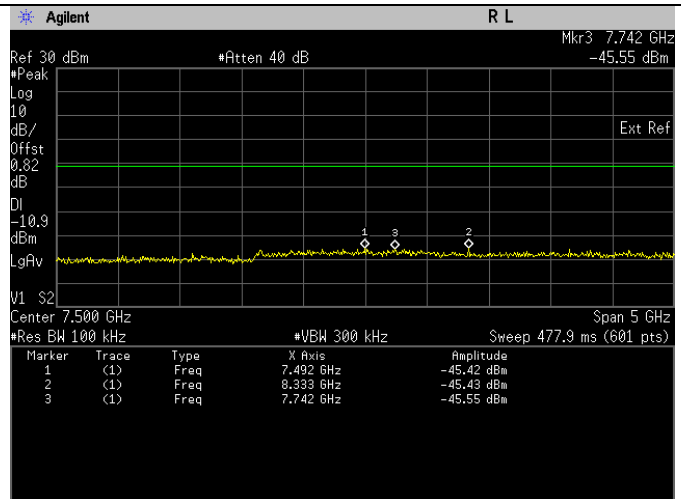
Frequency 2440 MHz. Reference Level.



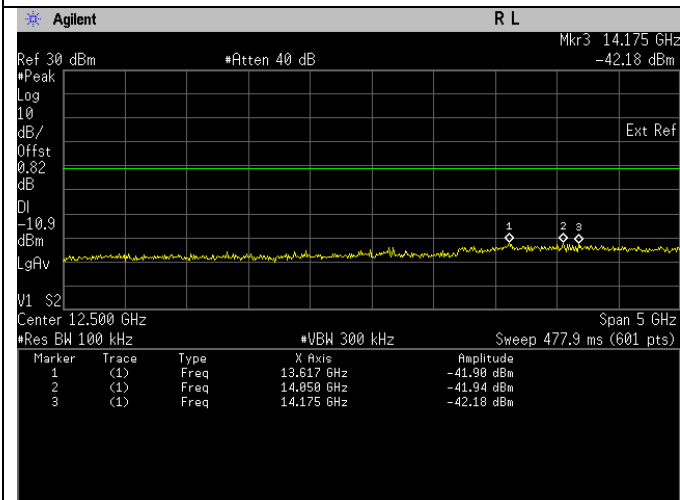
Frequency 2440 MHz. Emission Level, 30 MHz -> 1 GHz.



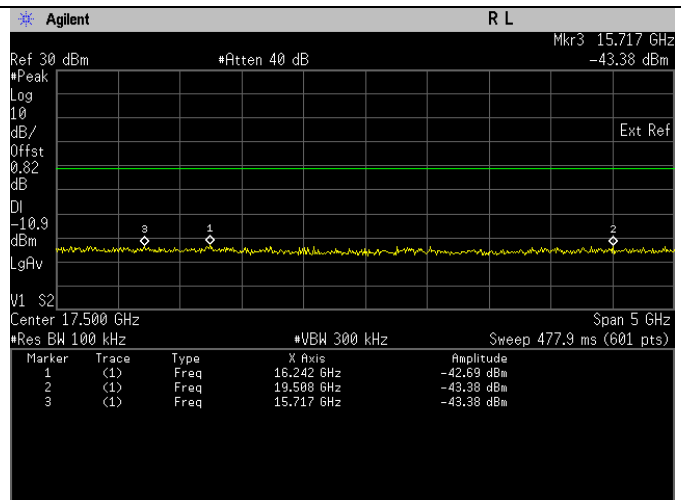
Frequency 2440 MHz. Emission Level, 1 GHz -> 5 GHz.



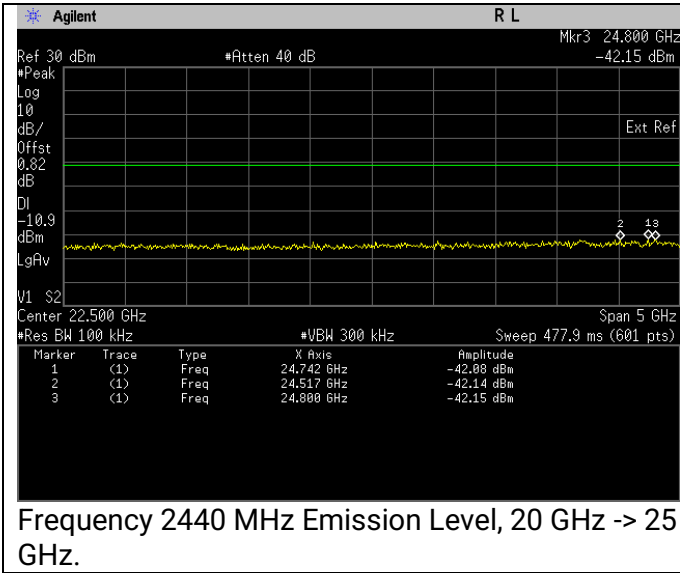
Frequency 2440 MHz. Emission Level, 5 GHz -> 10 GHz.

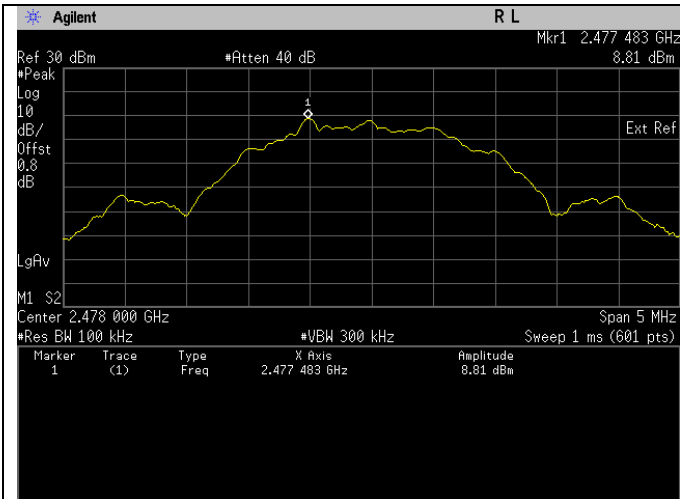


Frequency 2440 MHz. Emission Level, 10 GHz -> 15 GHz.

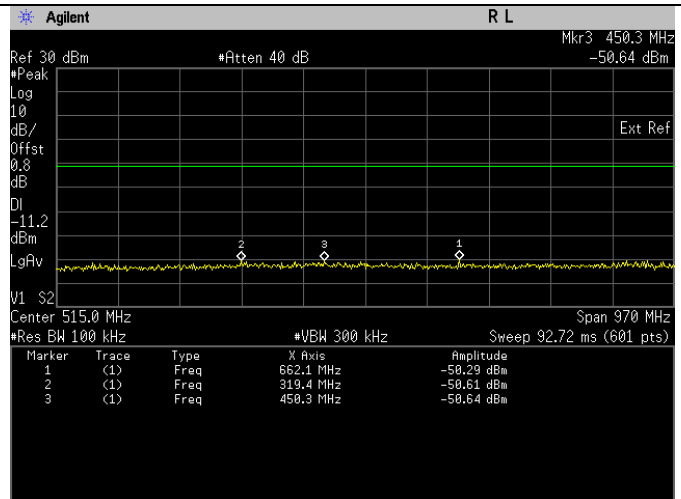


Frequency 2440 MHz. Emission Level, 15 GHz -> 20 GHz.

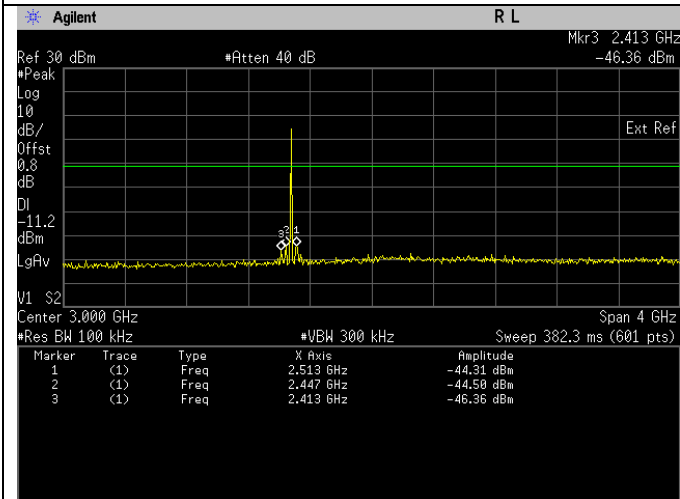




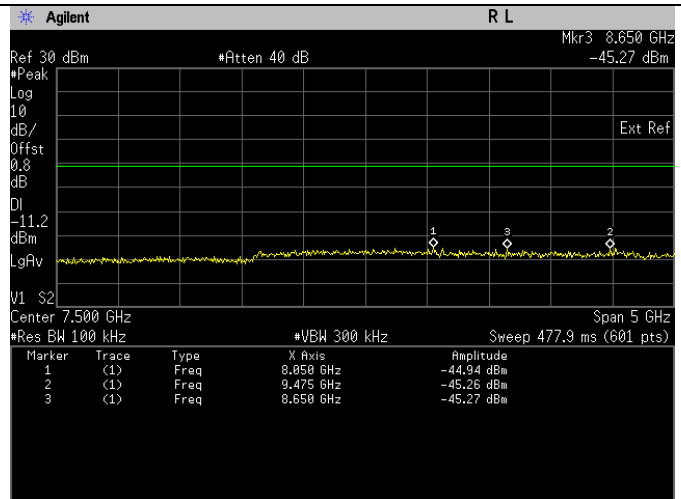
Frequency 2478 MHz. Reference Level.



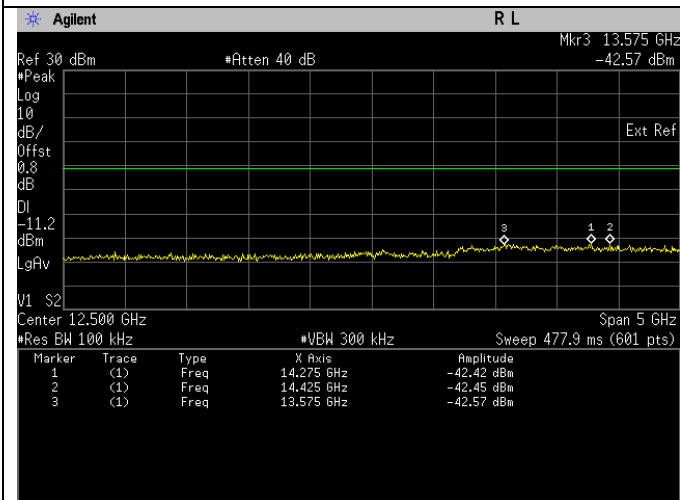
Frequency 2478 MHz. Emission Level, 30 MHz -> 1 GHz.



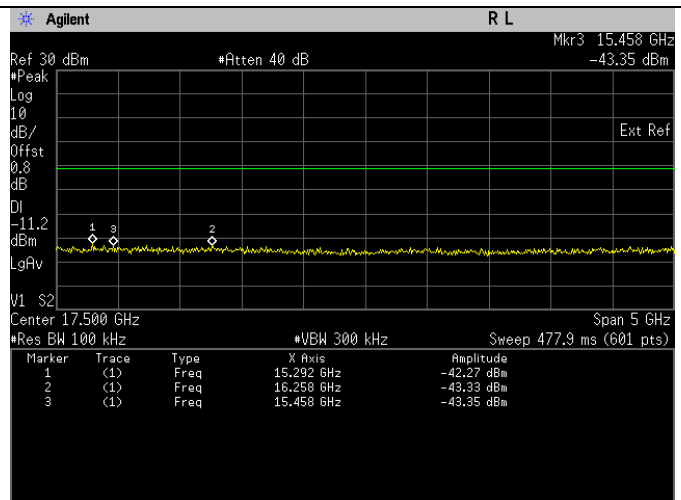
Frequency 2478 MHz. Emission Level, 1 GHz -> 5 GHz.



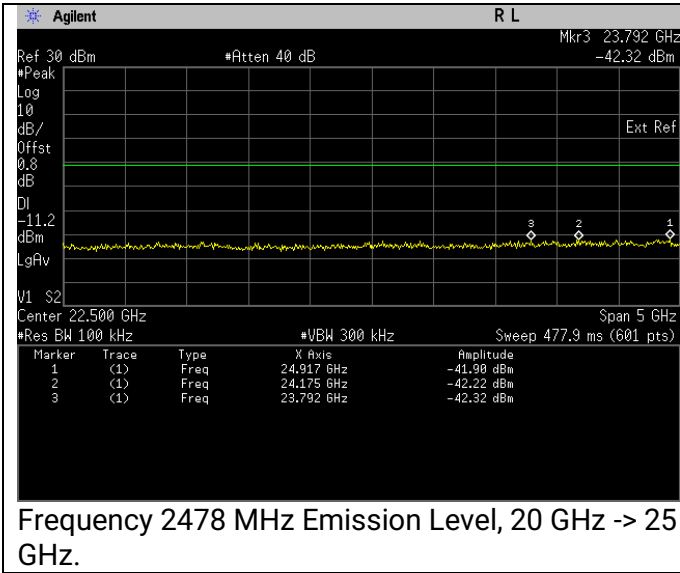
Frequency 2478 MHz. Emission Level, 5 GHz -> 10 GHz.



Frequency 2478 MHz. Emission Level, 10 GHz -> 15 GHz.

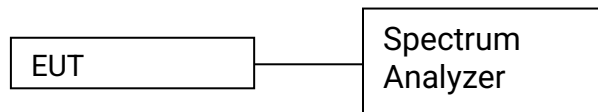


Frequency 2478 MHz. Emission Level, 15 GHz -> 20 GHz.



6.5 Band edge Conducted Spurious Emission

6.5.1 Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the DUT and set DUT to transmit maximum power.
- c) Connect DUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - a. RBW = 100 kHz
 - b. VBW = 300 kHz
 - c. Detector mode = Peak
 - d. Trace = Max Hold
 - e. Sweep = auto
- e) Use the peak marker function to measure highest emission.

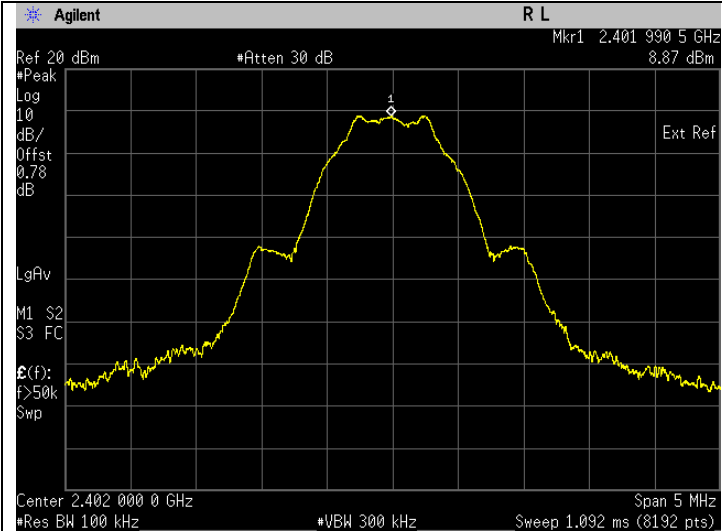
6.5.2 Test Limits:

Normal Condition (25 ° C)
Shall be at least 20 dB below max power. (Peak detector)

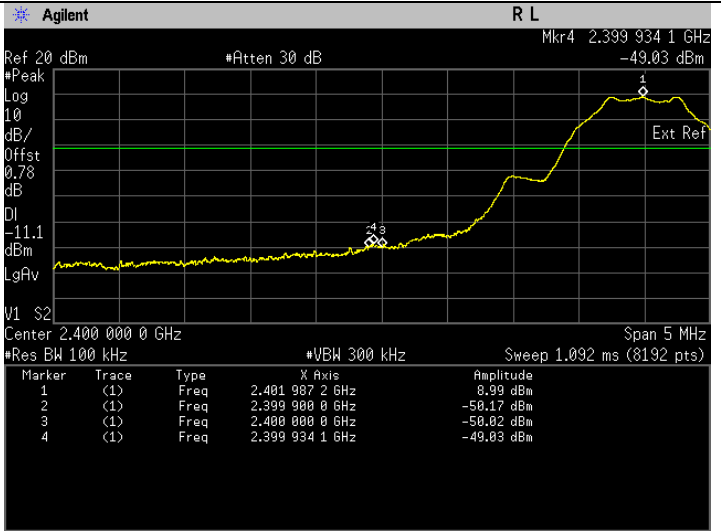
6.5.3 Test Result

BTLE 1M

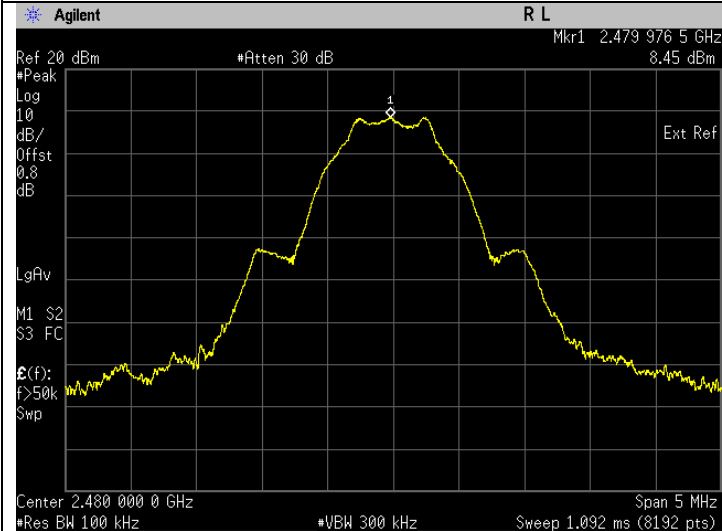
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	Frequencies (MHz)	Power (dBm)	Status
Bluetooth LE	1	2402	2399.93	-49.03	Pass
Bluetooth LE	1	2480	2483.50	-55.23	Pass



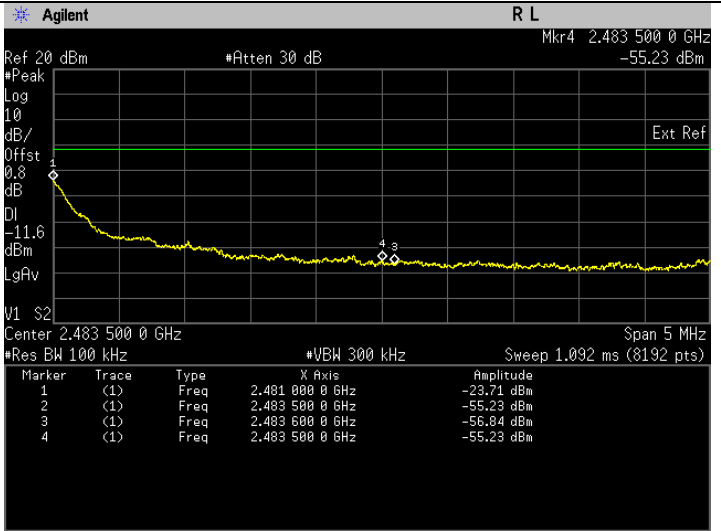
Band Edge (Peak). Bluetooth LE Frequency 2402 MHz
Reference Level.



Band Edge (Peak). Bluetooth LE Frequency 2402 MHz Band
Edge.



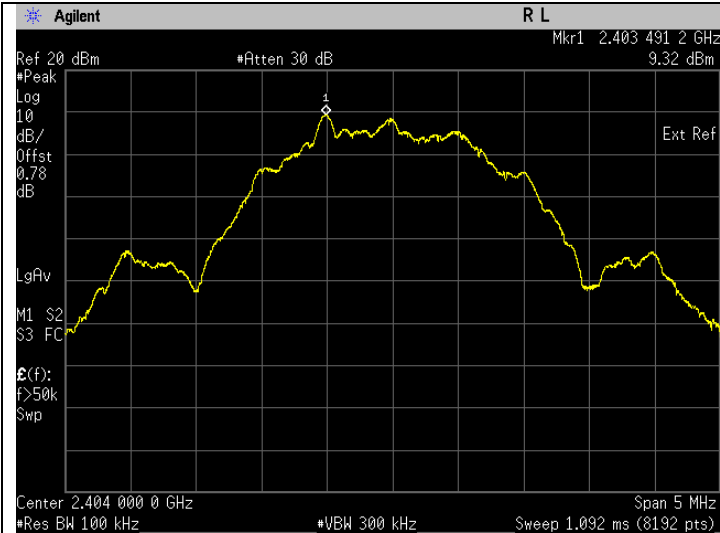
Band Edge (Peak). Bluetooth LE Frequency 2480 MHz
Reference Level.



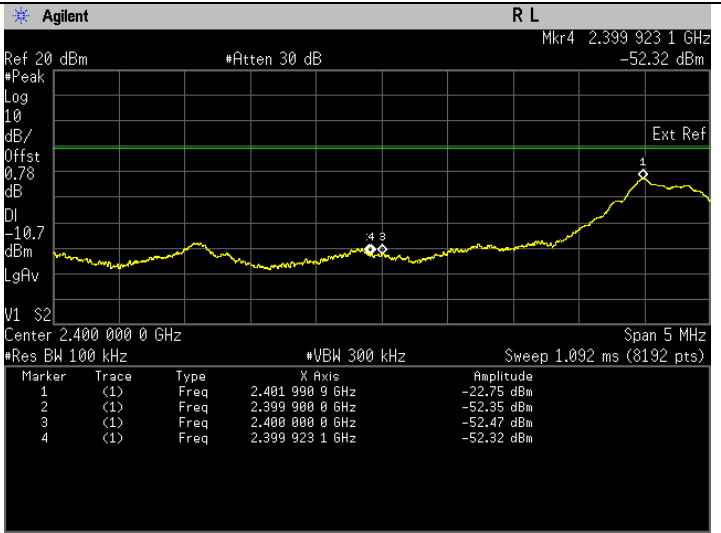
Band Edge (Peak). Bluetooth LE Frequency 2480 MHz Band
Edge.

BTLE 2M

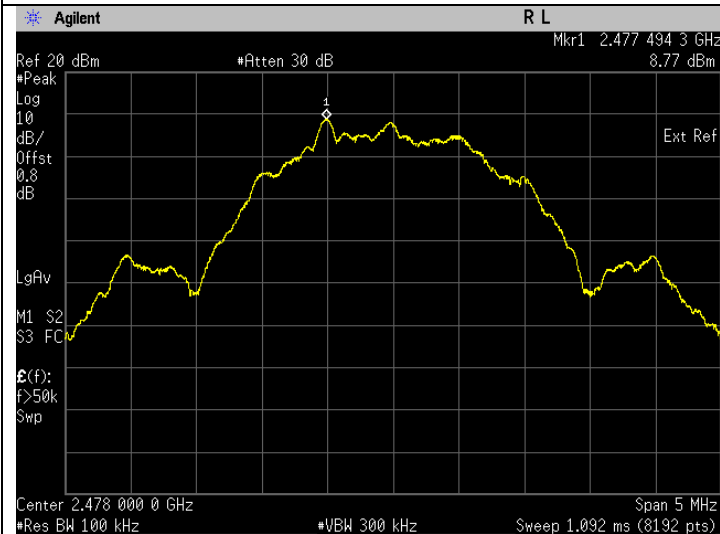
Test Conditions		Test Frequency	Results		
Standard	Data Rate	Tx (MHz)	Frequencies (MHz)	Power (dBm)	Status
Bluetooth LE	2	2404	2399.92	-52.32	Pass
Bluetooth LE	2	2478	2483.50	-51.24	Pass



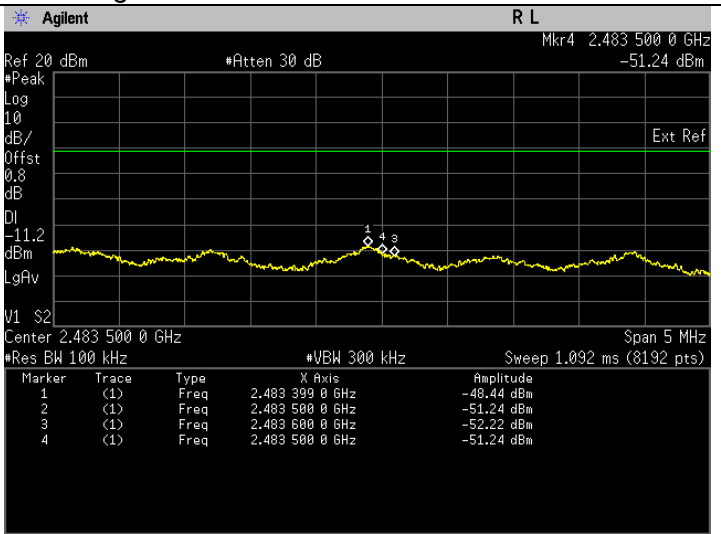
Band Edge (Peak). Bluetooth LE Frequency 2404 MHz Reference Level.



Band Edge (Peak). Bluetooth LE Frequency 2404 MHz Band Edge.



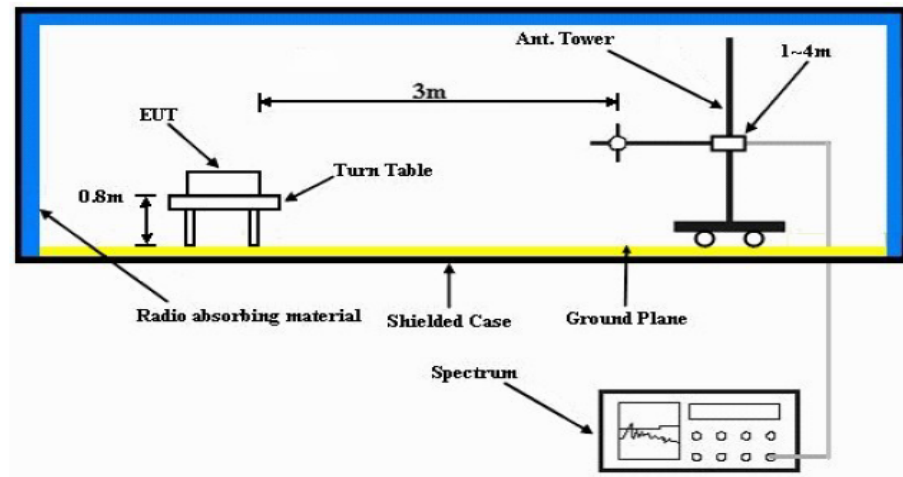
Band Edge (Peak). Bluetooth LE Frequency 2478 MHz Reference Level.



Band Edge (Peak). Bluetooth LE Frequency 2478 MHz Band Edge.

6.6 Radiated Emission within Restricted Bands

6.6.1 Test Setup



- The EUT is placed on the top of a rotating table 0.8m (<1GHz) or 1.5m (>1GHz) above the ground at a 3m semi-anechoic chamber. The table is rotated 360 degrees to determine the position of the highest radiation.
- The EUT is set 3m away from the interference-receiving antenna, which is mounted on the top of a variable-height antenna tower.
- The antenna is Bilog/Horn antenna depend on which frequency range uses, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT is arranged to its worst case and then the antenna is tuned to heights from 1m to 4m and the rotatable table is turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system is set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode is fall within the range of 10dB from the limit specified, the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. Otherwise, the testing could be stopped and the peak values of the EUT would be reported.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection at frequency below 1GHz.
2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1 GHz.
3. All modes of operation were investigated and the worst-case emissions are reported.

6.6.2 Test Limits:

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20dB below the highest level of the desired power.

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	$2400/F(\text{kHz})$	300
0.490-1.705	$24000/F(\text{kHz})$	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

NOTE:

- 1) The lower limit shall apply at the transition frequencies.
- 2) Emission level (dBuV/m) = $20 \log$ Emission level (uV/m).
- 3) For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

6.6.3 Test Results:

SAC TX Restricted Band-edge : 1468N00-EMC-00049

FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	BTLE - GFSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2402.0000	Softpot Power :	10.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Peak	2331.3790	55.58	74.00	18.42
Horizontal	Peak	2331.6980	49.09 *	74.00	24.91
Vertical	Peak	2341.3690	55.97	74.00	18.03
Vertical	Average	2390.0000	35.76	54.00	18.24
Horizontal	Average	2390.0000	35.51	54.00	18.49
Vertical	Peak	2390.0000	45.78 *	74.00	28.22
Horizontal	Peak	2390.0000	44.94 *	74.00	29.06

Temperature (°C) :	23.7	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Thu, 7 May, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

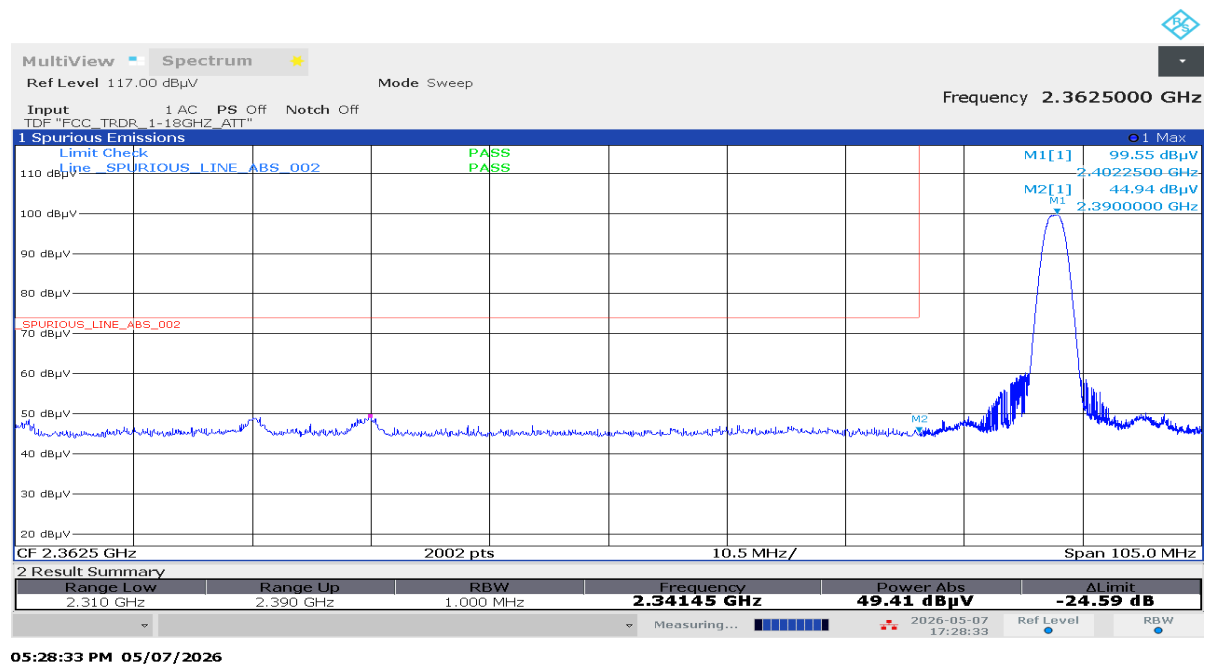
Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
 *Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

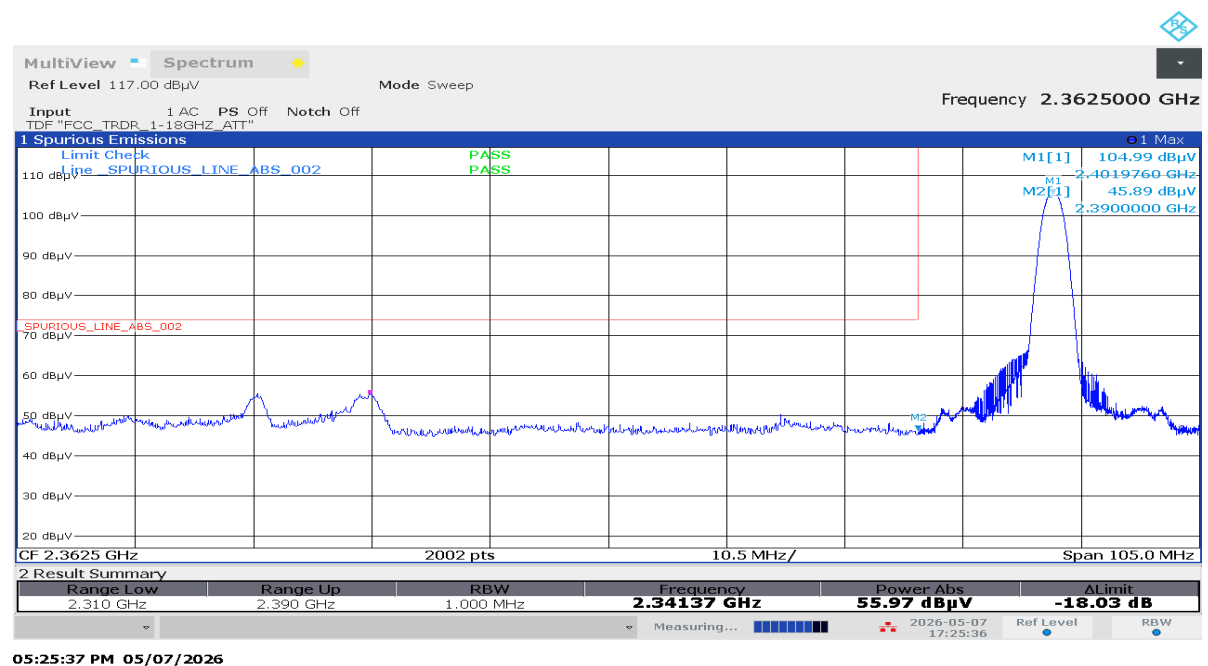
NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



05:37:22 PM 05/07/2026

Restricted Band Edge (Average,Vertical)



05:34:05 PM 05/07/2026

SAC TX Restricted Band-edge : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 1000.0000 (kHz) :
Test Frequency 2480.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	2483.5000	39.83	54.00	14.17
Horizontal	Average	2483.5000	37.28	54.00	16.72
Vertical	Peak	2483.5000	47.98 *	74.00	26.02
Horizontal	Peak	2483.5000	44.70 *	74.00	29.30
Vertical	Peak	2483.5410	52.75 *	74.00	21.25
Horizontal	Peak	2483.8380	50.15 *	74.00	23.85
Vertical	Peak	2483.9370	53.47 *	74.00	20.53
Vertical	Peak	2484.3160	52.80 *	74.00	21.20
Vertical	Peak	2488.2720	52.14 *	74.00	21.86
Horizontal	Peak	2498.2440	47.02 *	74.00	26.98

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 7 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

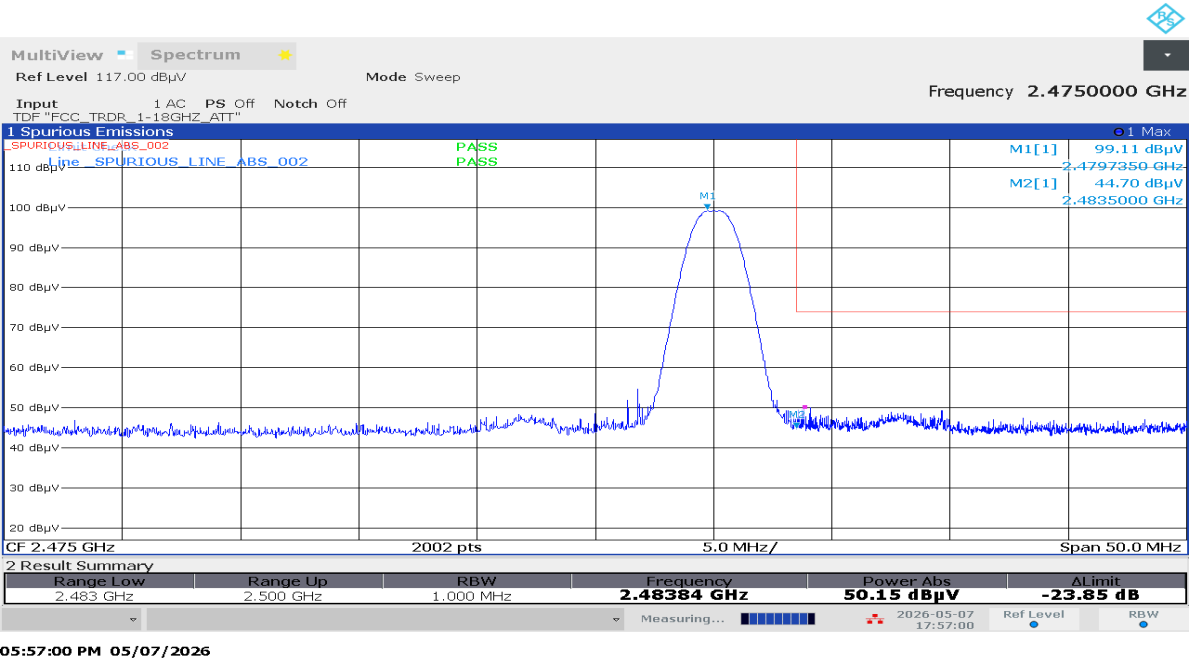
Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

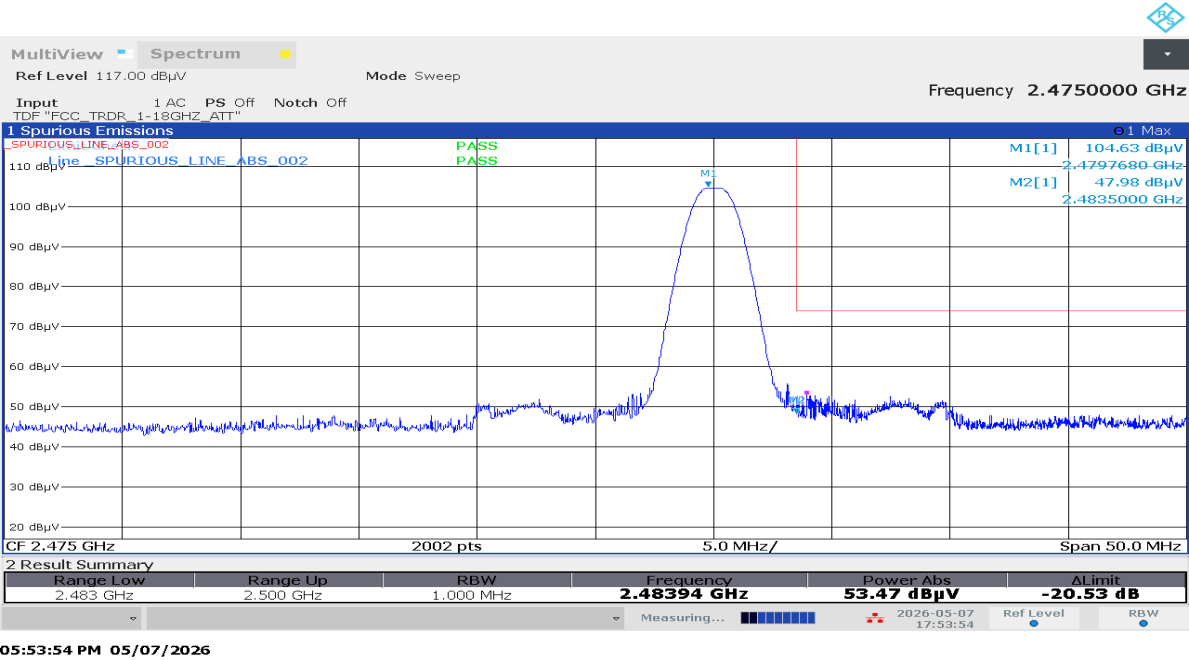
NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

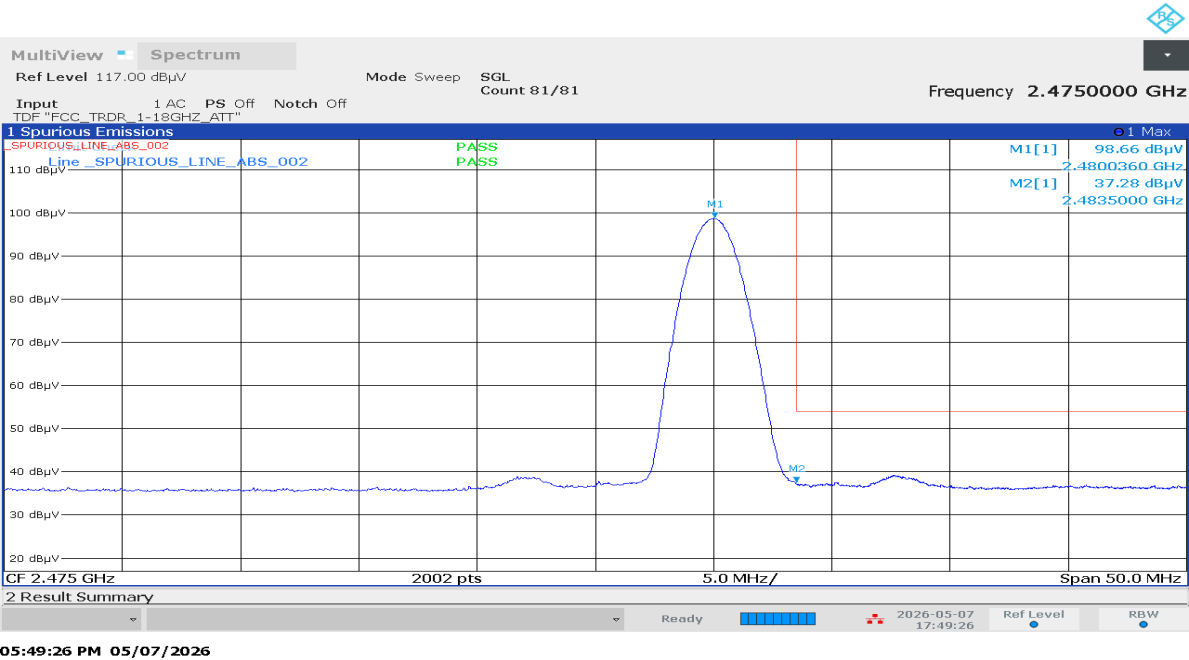
Restricted Band Edge (Peak,Horizontal)



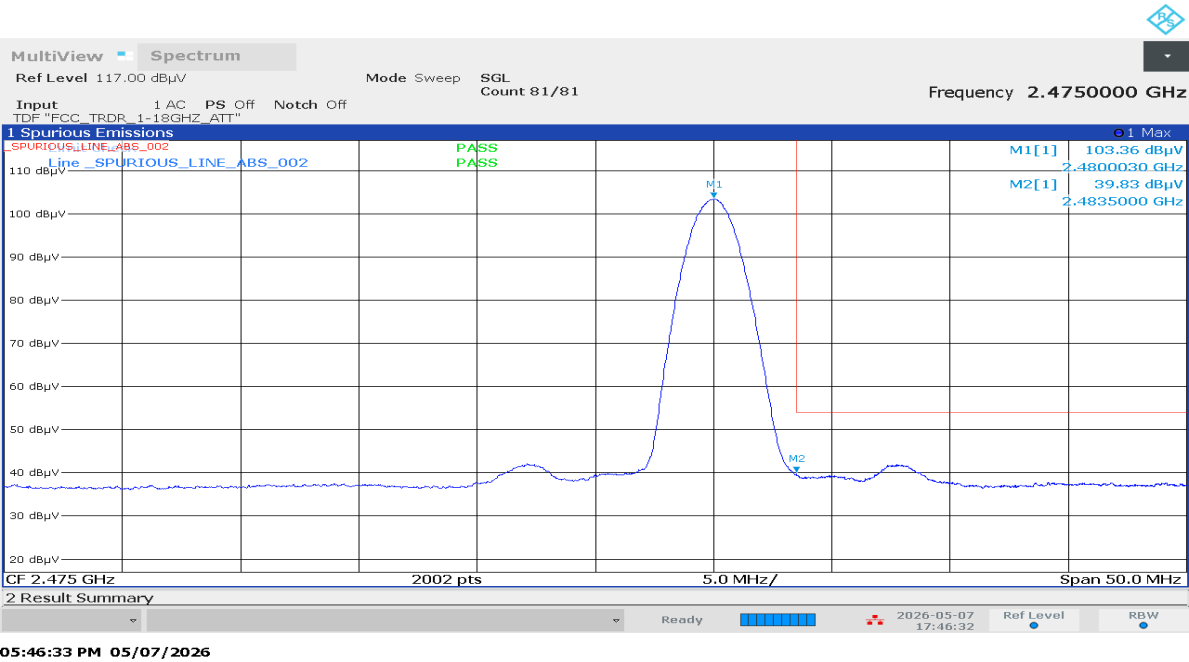
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)

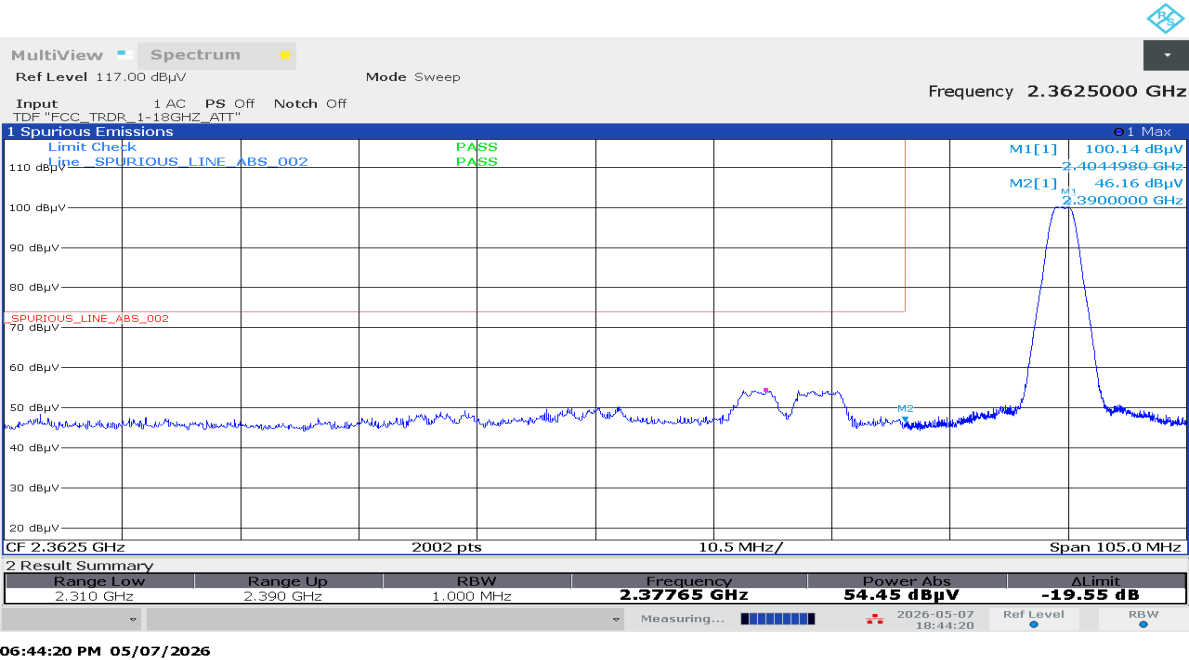


SAC TX Restricted Band-edge : 1468N00-EMC-00049

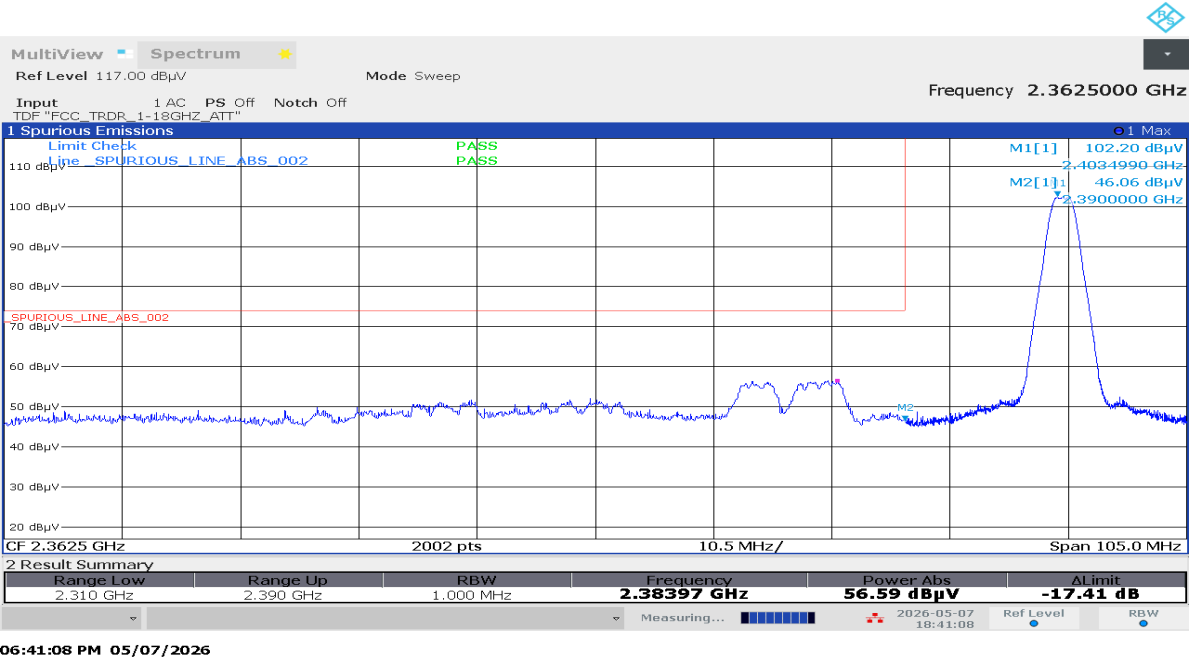
FCC ID :	AZ492FT7190	IC :	109U-92FT7190
Model No :	AAM29QPN9YA1AN	Serial No :	008TCF1848
Battery :	-	Charger :	-
Accessory :	PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01		
Test Mode :	BTLE - GFSK	Channel SP/Bandwidth (kHz) :	2000.0000
Test Frequency (MHz) :	2404.0000	Softpot Power :	10.00
Plane :	Y-Plane	Band :	-
Test Standard :	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024	Voltage (V) :	120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Vertical	Peak	2376.4540	56.38	74.00	17.62
Horizontal	Average	2376.7730	42.27	54.00	11.73
Horizontal	Peak	2377.6520	54.45	74.00	19.55
Horizontal	Peak	2380.5300	54.33	74.00	19.67
Horizontal	Average	2381.4890	42.12	54.00	11.88
Vertical	Average	2382.7670	42.40	54.00	11.60
Horizontal	Average	2382.7670	44.70	54.00	9.30
Vertical	Average	2383.8060	43.08	54.00	10.92
Vertical	Peak	2383.9660	56.59	74.00	17.41
Vertical	Average	2390.0000	36.47	54.00	17.53
Horizontal	Average	2390.0000	36.12	54.00	17.88
Vertical	Peak	2390.0000	46.06 *	74.00	27.94
Horizontal	Peak	2390.0000	46.16 *	74.00	27.84

Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



06:09:56 PM 05/07/2026

Restricted Band Edge (Average,Vertical)



06:07:02 PM 05/07/2026

SAC TX Restricted Band-edge : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 2000.0000 (kHz) :
Test Frequency 2478.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Average	2483.5000	43.43	54.00	10.57
Horizontal	Average	2483.5000	39.21	54.00	14.79
Vertical	Peak	2483.5000	50.98 *	74.00	23.02
Horizontal	Peak	2483.5000	45.41 *	74.00	28.59
Vertical	Average	2483.6240	43.55	54.00	10.45
Horizontal	Peak	2483.6900	48.04 *	74.00	25.96
Vertical	Average	2484.4150	42.02	54.00	11.98
Vertical	Average	2484.4640	42.13	54.00	11.87
Vertical	Average	2484.6290	42.04	54.00	11.96
Vertical	Peak	2485.6020	52.28 *	74.00	21.72
Vertical	Peak	2493.0030	49.87 *	74.00	24.13
Horizontal	Peak	2493.1670	46.73 *	74.00	27.27
Horizontal	Peak	2497.5360	46.23 *	74.00	27.77
Horizontal	Peak	2498.3100	45.93 *	74.00	28.07
Horizontal	Peak	2499.0030	45.93 *	74.00	28.07
Horizontal	Peak	2499.5800	46.44 *	74.00	27.56

Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Thu, 7 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

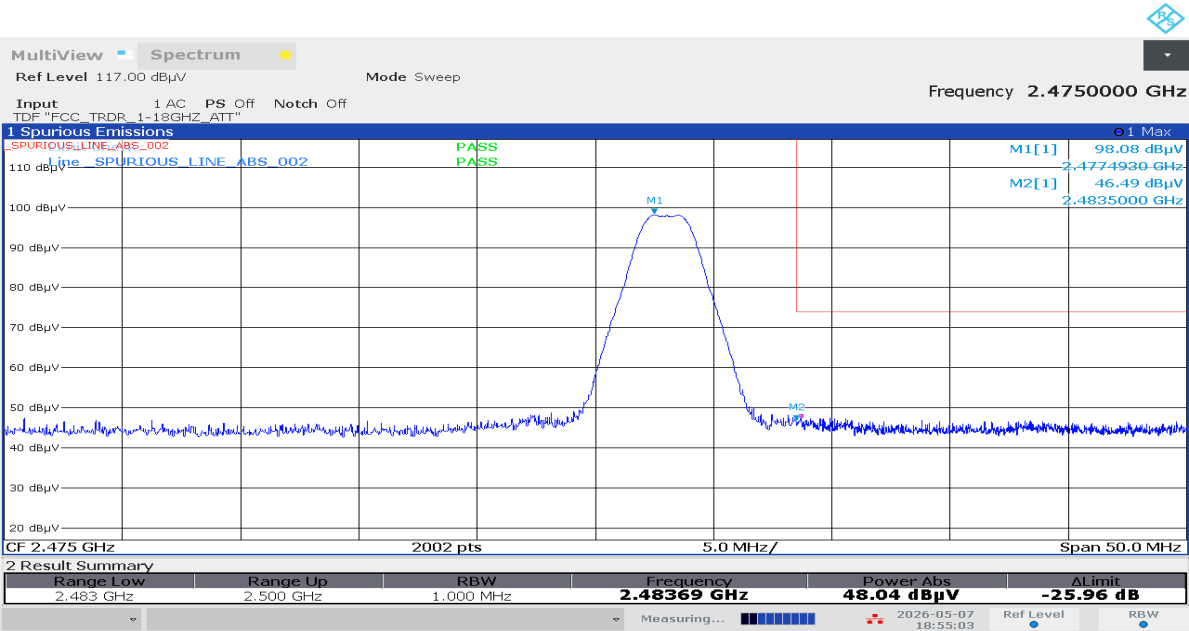
Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

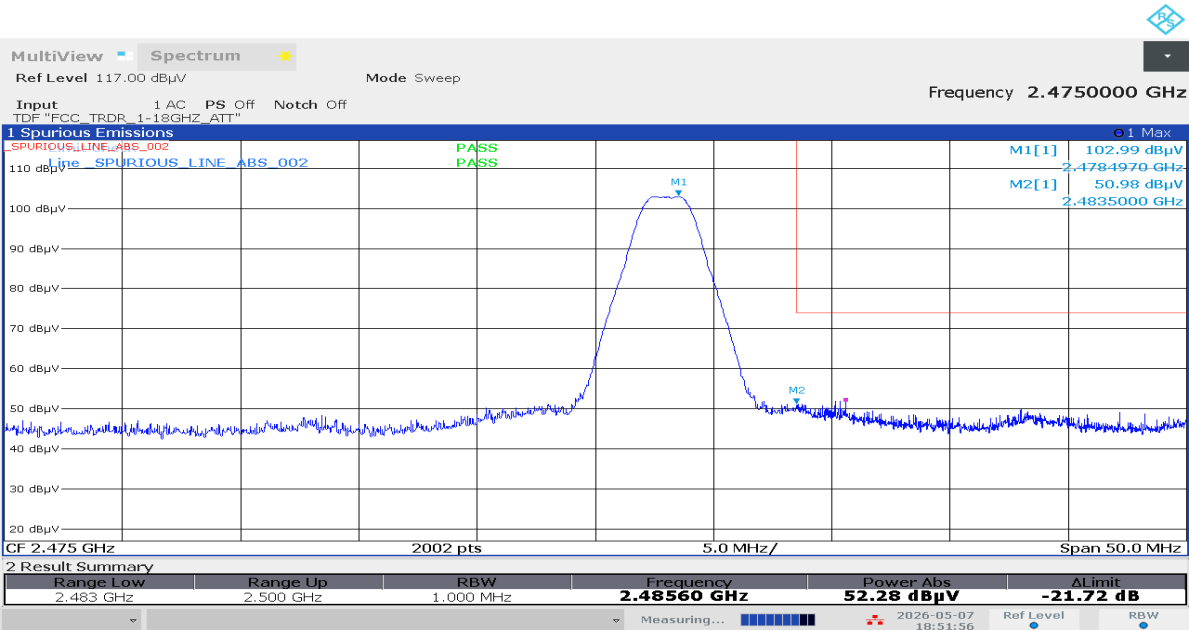
- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.

Restricted Band Edge (Peak,Horizontal)



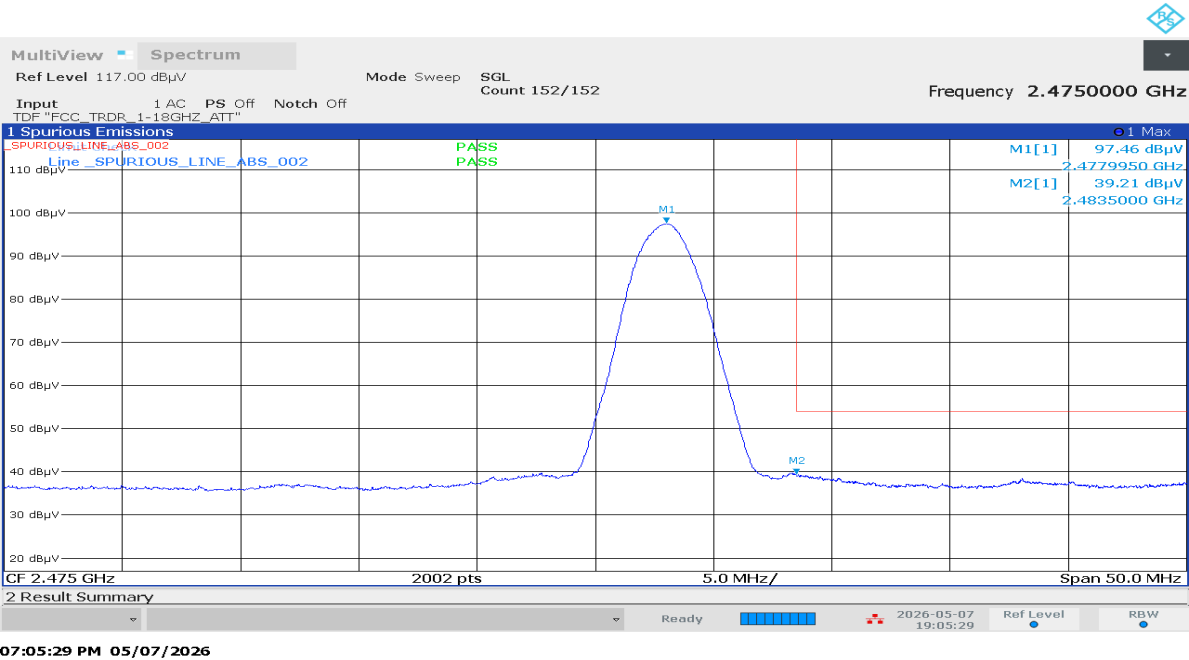
06:55:04 PM 05/07/2026

Restricted Band Edge (Peak,Vertical)

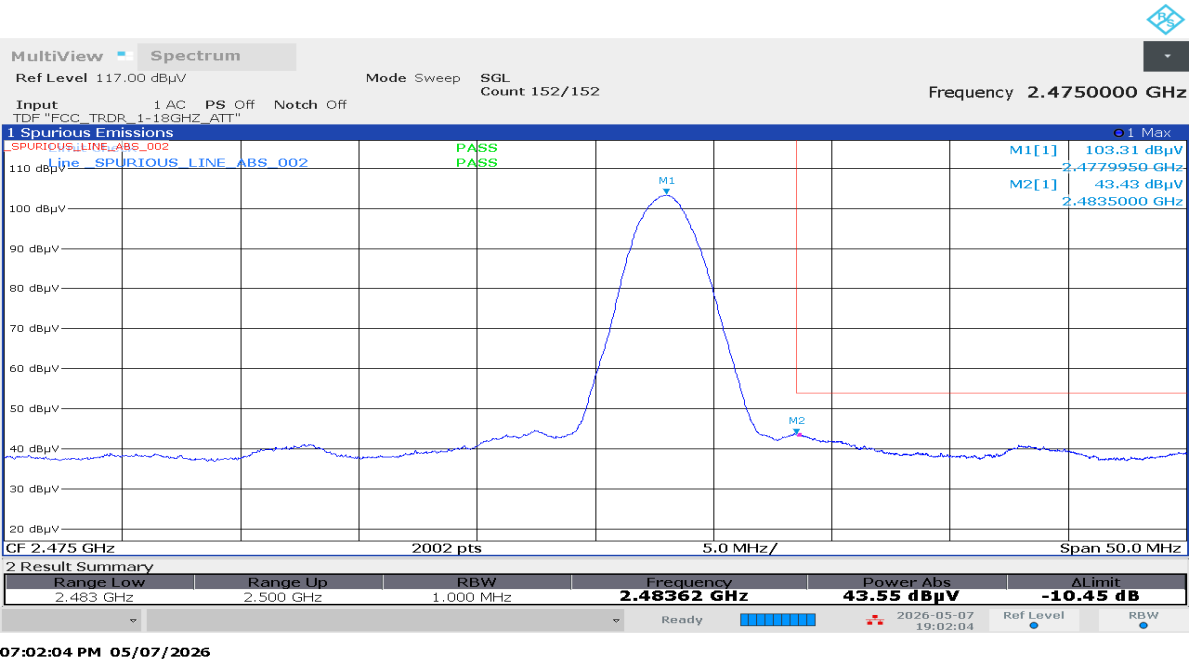


06:51:56 PM 05/07/2026

Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth (kHz) : 1000.0000
Test Frequency (MHz) : 2402.0000 Softpot Power : 10.00
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	77.2000	27.40 *	106.40	86.40	59.00
Horizontal	Peak	77.2020	34.13 *	106.40	86.40	52.26
Vertical	Peak	140.5326	27.76 *	106.40	86.40	58.64
Horizontal	Peak	140.6395	27.43 *	106.40	86.40	58.97
Horizontal	Peak	148.1180	32.85 *	106.40	86.40	53.55
Vertical	Peak	148.2588	24.18 *	106.40	86.40	62.22
Vertical	Quasi-Peak	246.7223	13.19 *	-	46.00	32.81
Horizontal	Quasi-Peak	247.2877	11.30 *	-	46.00	34.70
Horizontal	Peak	501.5850	34.10 *	106.40	86.40	52.30
Vertical	Peak	501.6020	29.77 *	106.40	86.40	56.63
Horizontal	Peak	900.0080	33.55 *	106.40	86.40	52.85
Vertical	Peak	900.0410	29.28 *	106.40	86.40	57.11
Vertical	Peak	4803.9950	47.88 *	-	74.00	26.12
Vertical	Average	4803.9950	41.32	-	54.00	12.68
Horizontal	Peak	4804.1650	45.97 *	-	74.00	28.03
Horizontal	Average	4804.1650	35.93	-	54.00	18.07

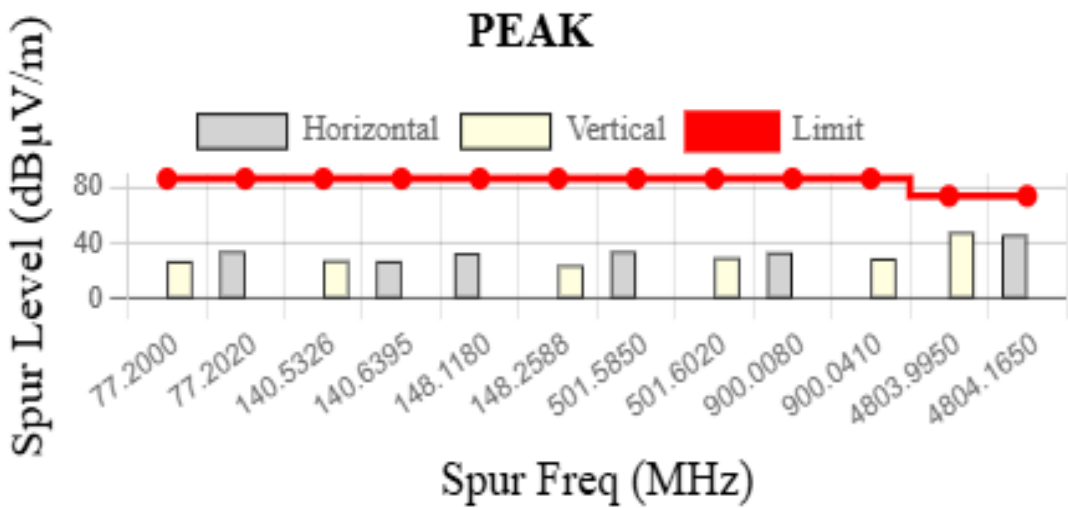
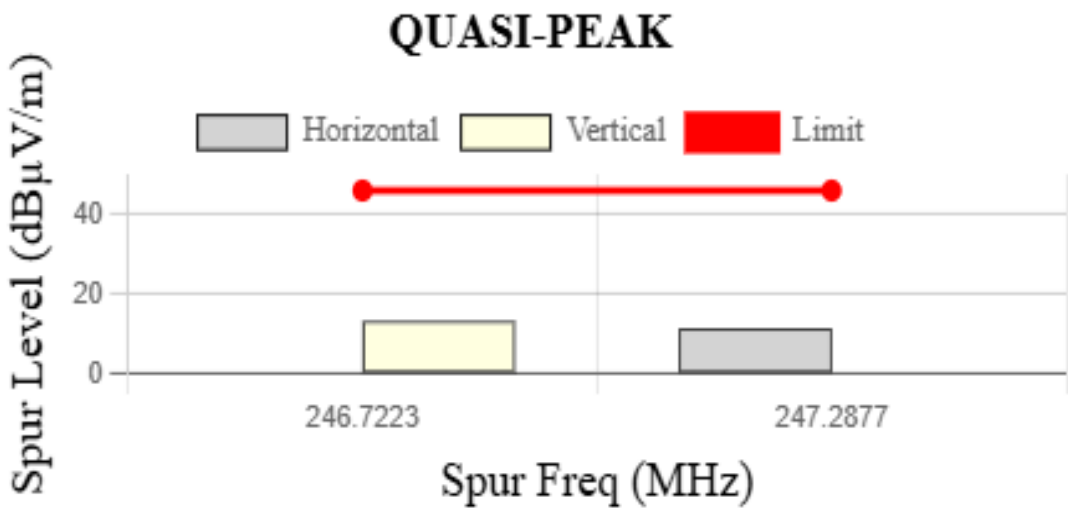
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

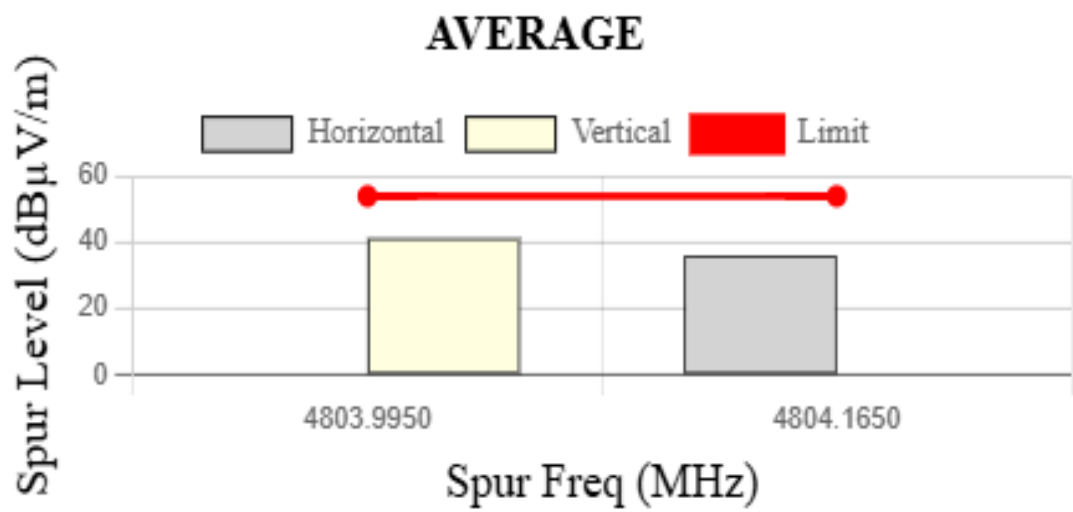
Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 1000.0000 (kHz) :
Test Frequency 2440.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Peak	77.2070	33.21 *	106.40	86.40	53.19
Vertical	Peak	77.2080	26.05 *	106.40	86.40	60.35
Horizontal	Peak	148.1370	33.03 *	106.40	86.40	53.37
Vertical	Peak	148.1470	26.88 *	106.40	86.40	59.51
Vertical	Peak	421.2227	23.59 *	106.40	86.40	62.81
Horizontal	Peak	421.3366	22.77 *	106.40	86.40	63.63
Vertical	Peak	501.5900	31.83 *	106.40	86.40	54.57
Horizontal	Peak	501.6089	33.95 *	106.40	86.40	52.45
Vertical	Peak	900.0410	29.98 *	106.40	86.40	56.42
Horizontal	Peak	900.0430	33.55 *	106.40	86.40	52.84
Vertical	Peak	4879.6930	49.22 *	-	74.00	24.78
Vertical	Average	4879.6930	43.23	-	54.00	10.77
Horizontal	Peak	4880.3590	47.63 *	-	74.00	26.37
Horizontal	Average	4880.3590	39.90	-	54.00	14.10

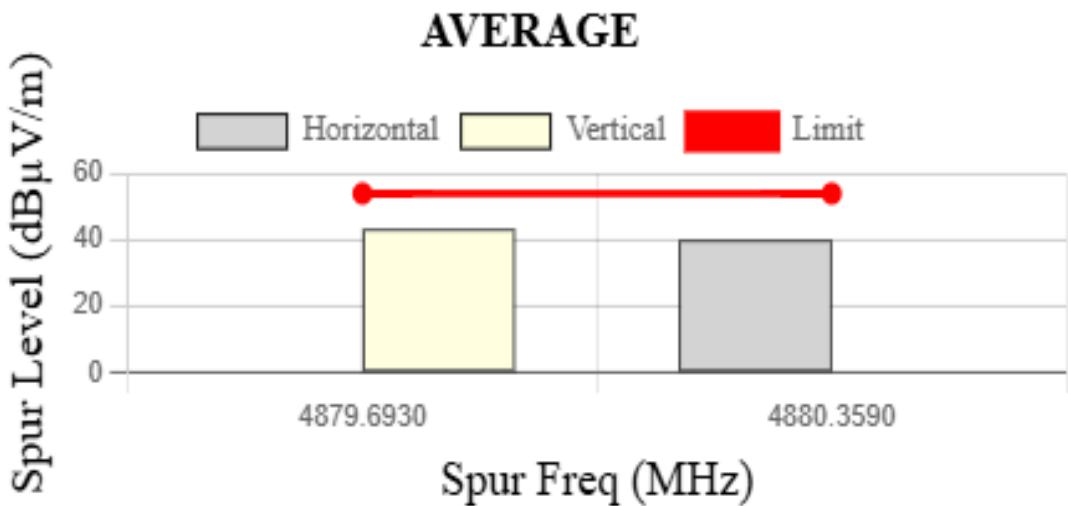
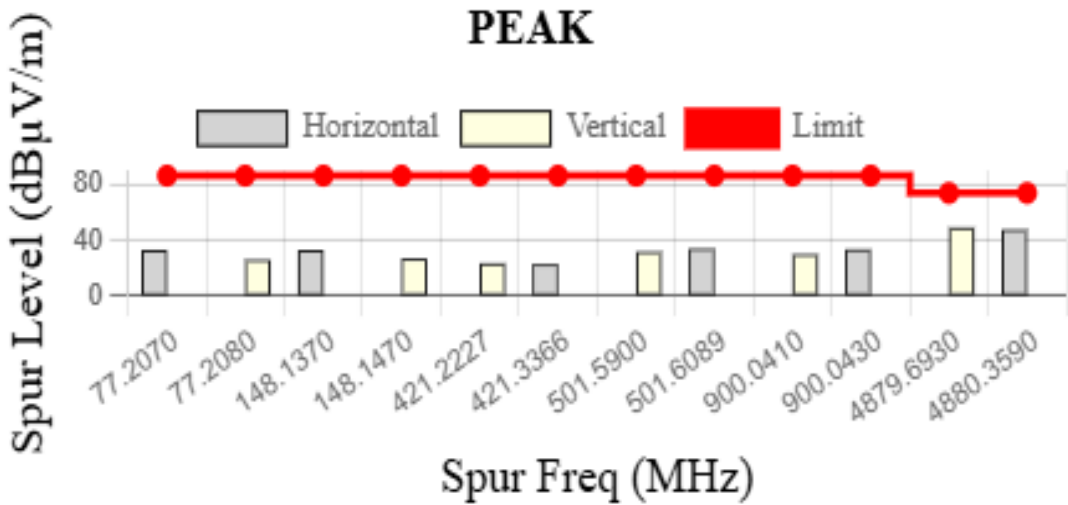
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.



SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 1000.0000 (kHz) :
Test Frequency 2480.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Peak	77.1760	33.58 *	106.40	86.40	52.82
Vertical	Peak	77.2130	27.13 *	106.40	86.40	59.27
Vertical	Peak	147.6704	24.31 *	106.40	86.40	62.09
Horizontal	Peak	148.0950	33.04 *	106.40	86.40	53.36
Horizontal	Peak	223.4450	24.19 *	106.40	86.40	62.21
Vertical	Peak	223.4720	18.55 *	106.40	86.40	67.85
Vertical	Peak	410.2888	34.40 *	106.40	86.40	52.00
Horizontal	Peak	410.3188	24.03 *	106.40	86.40	62.37
Vertical	Peak	501.5880	31.39 *	106.40	86.40	55.01
Horizontal	Peak	501.6010	33.92 *	106.40	86.40	52.48
Vertical	Peak	900.0320	29.90 *	106.40	86.40	56.50
Horizontal	Peak	900.0540	33.93 *	106.40	86.40	52.47
Vertical	Peak	4959.5640	48.87 *	-	74.00	25.13
Vertical	Average	4959.5640	43.34	-	54.00	10.66
Horizontal	Peak	4960.4070	49.06 *	-	74.00	24.94
Horizontal	Average	4960.4070	42.69	-	54.00	11.31

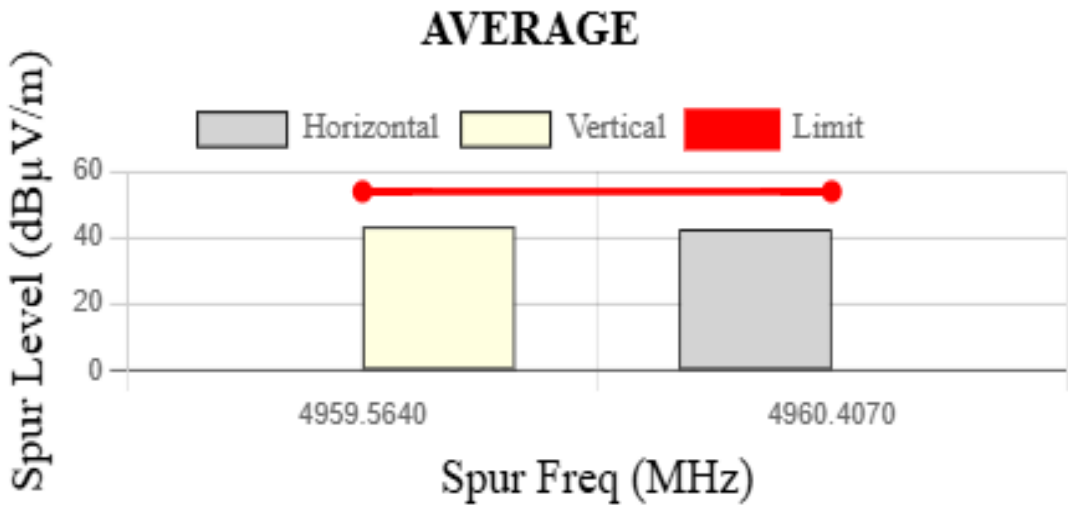
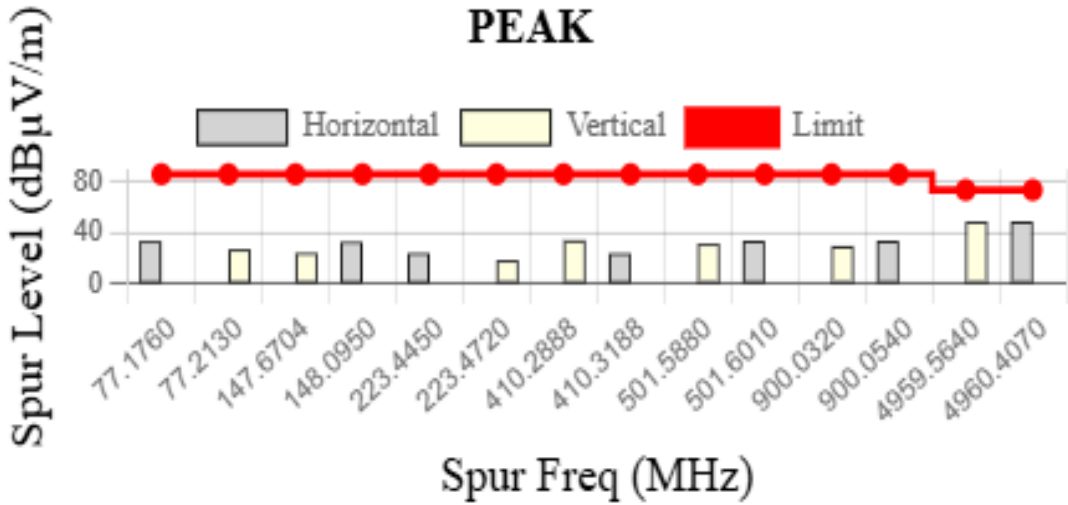
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.



SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 2000.0000 (kHz) :
Test Frequency 2404.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Horizontal	Peak	77.1790	28.20 *	106.40	86.40	58.20
Vertical	Peak	77.2110	26.43 *	106.40	86.40	59.97
Vertical	Peak	148.1120	26.83 *	106.40	86.40	59.57
Horizontal	Peak	148.1330	33.01 *	106.40	86.40	53.39
Vertical	Peak	223.4779	19.24 *	106.40	86.40	67.16
Horizontal	Peak	223.4789	30.48 *	106.40	86.40	55.92
Vertical	Quasi-Peak	409.9840	27.44	-	46.00	18.56
Horizontal	Quasi-Peak	409.9950	20.09 *	-	46.00	25.91
Horizontal	Peak	501.5980	34.14 *	106.40	86.40	52.26
Vertical	Peak	501.6109	31.15 *	106.40	86.40	55.25
Horizontal	Peak	900.0360	34.23 *	106.40	86.40	52.17
Vertical	Peak	900.0670	29.54 *	106.40	86.40	56.86
Horizontal	Peak	4808.0510	43.92 *	-	74.00	30.08
Horizontal	Average	4808.0510	33.14 *	-	54.00	20.86
Vertical	Peak	4808.4120	48.60 *	-	74.00	25.40
Vertical	Average	4808.4120	39.86	-	54.00	14.14

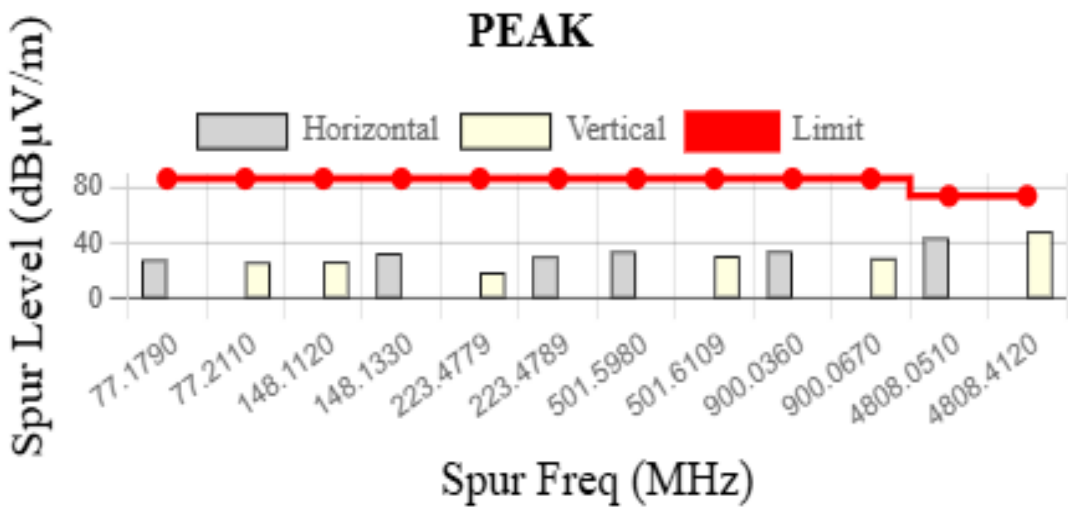
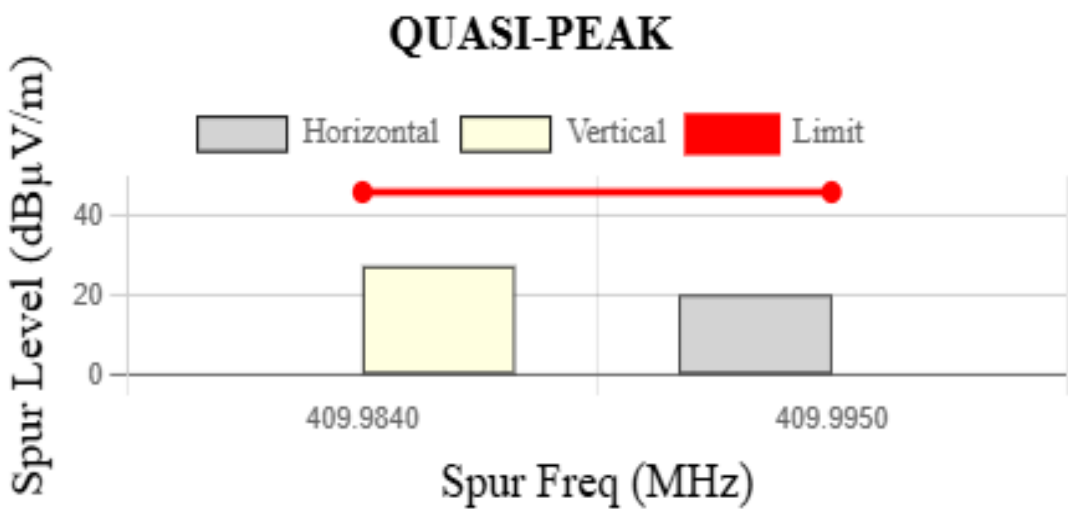
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

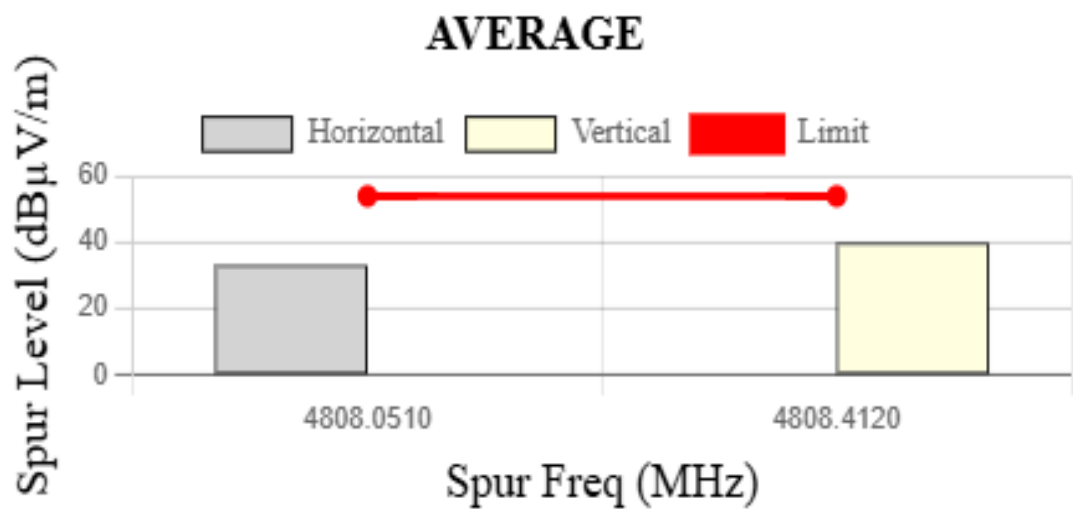
Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.





SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 2000.0000 (kHz) :
Test Frequency 2440.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	77.2050	28.49 *	106.40	86.40	57.91
Horizontal	Peak	77.2220	29.19 *	106.40	86.40	57.21
Horizontal	Peak	141.8660	28.28 *	106.40	86.40	58.12
Vertical	Peak	141.8670	27.74 *	106.40	86.40	58.66
Horizontal	Peak	148.1400	33.03 *	106.40	86.40	53.37
Vertical	Peak	148.2009	25.36 *	106.40	86.40	61.03
Vertical	Peak	410.0130	35.79 *	106.40	86.40	50.61
Horizontal	Peak	410.2547	26.27 *	106.40	86.40	60.13
Horizontal	Peak	501.5830	33.94 *	106.40	86.40	52.46
Vertical	Peak	501.6119	30.20 *	106.40	86.40	56.20
Horizontal	Peak	900.0710	33.84 *	106.40	86.40	52.56
Vertical	Peak	900.0720	30.33 *	106.40	86.40	56.07
Horizontal	Peak	4880.1570	47.01 *	-	74.00	26.99
Horizontal	Average	4880.1570	37.56	-	54.00	16.44
Vertical	Peak	4880.4390	48.56 *	-	74.00	25.44
Vertical	Average	4880.4390	40.77	-	54.00	13.23

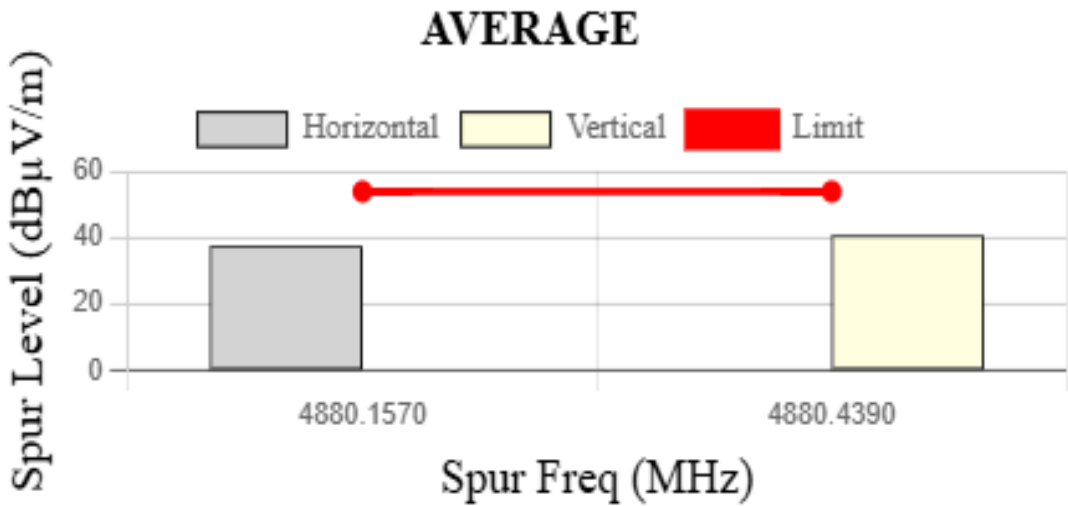
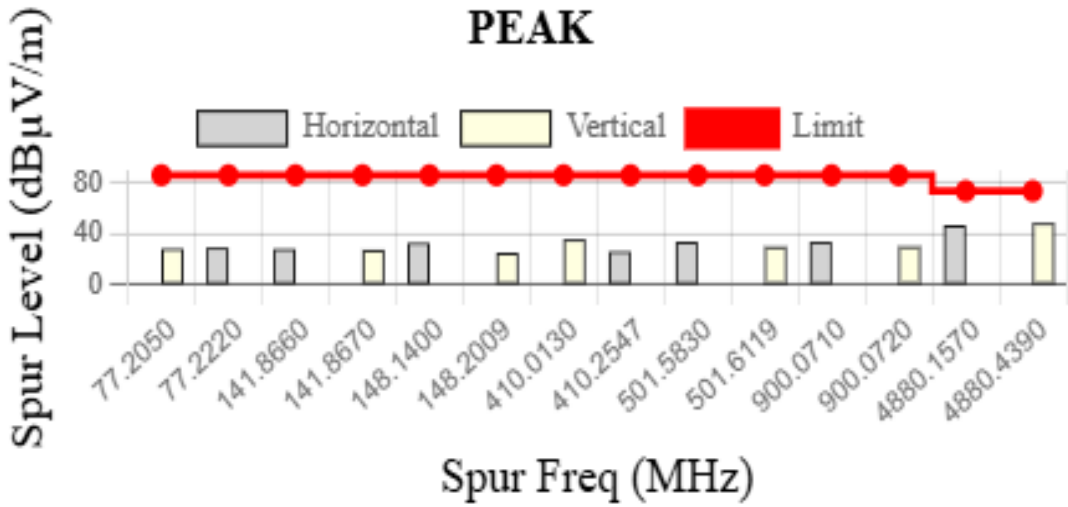
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.



SAC TX Radiated Emission : 1468N00-EMC-00049

FCC ID : AZ492FT7190 IC : 109U-92FT7190
Model No : AAM29QPN9YA1AN Serial No : 008TCF1848
Battery : - Charger : -
Accessory : PMAE4032B, PMAN4013A, RMN5050A-C4, RSN4005A-CF1, PS000280A02-CF1, PMLN8805A, PMLN5072A, 3087791G01
Test Mode : BTLE - GFSK Channel SP/Bandwidth 2000.0000 (kHz) :
Test Frequency 2478.0000 Softpot Power : 10.00 (MHz) :
Plane : Y-Plane Band : -
Test Standard : ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 Voltage (V) : 120.00

Antenna Polarization	Detector	Spur Freq (MHz)	Spur Level (dBμV/m)	Carrier Power (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	Peak	77.1940	27.77 *	106.40	86.40	58.63
Horizontal	Peak	77.2110	34.15 *	106.40	86.40	52.25
Vertical	Peak	141.8780	27.76 *	106.40	86.40	58.64
Horizontal	Peak	142.3535	28.55 *	106.40	86.40	57.85
Vertical	Peak	148.1380	26.87 *	106.40	86.40	59.53
Horizontal	Peak	148.1430	31.82 *	106.40	86.40	54.58
Horizontal	Peak	410.0080	24.27 *	106.40	86.40	62.13
Vertical	Peak	410.0180	33.12 *	106.40	86.40	53.28
Vertical	Peak	501.5900	31.09 *	106.40	86.40	55.31
Horizontal	Peak	501.5900	34.09 *	106.40	86.40	52.31
Vertical	Peak	900.0260	29.56 *	106.40	86.40	56.84
Horizontal	Peak	900.0480	33.48 *	106.40	86.40	52.92

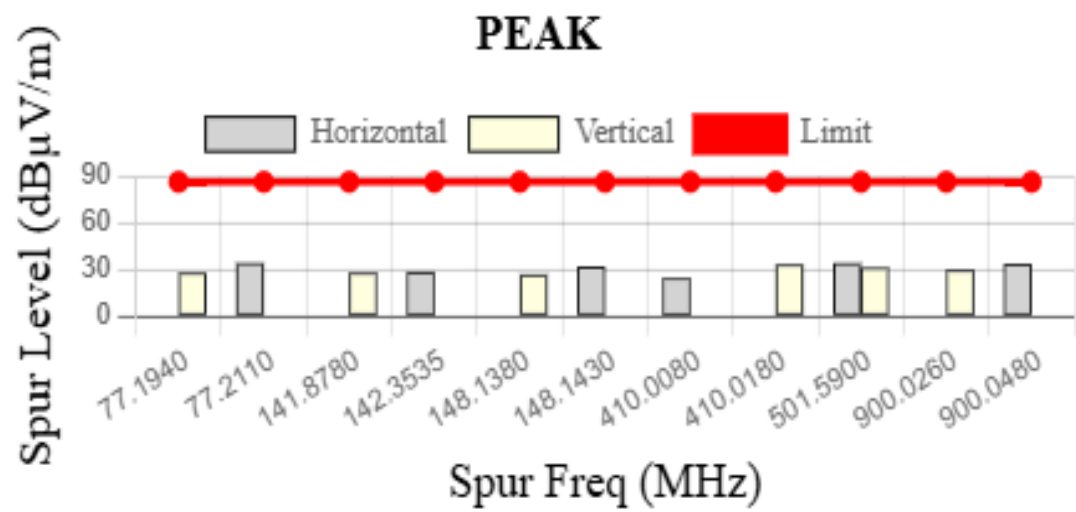
Temperature (°C) : 23.7 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Sun, 10 May, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

** Indicates the spurious emission could not be detected due to noise limitations or ambient.
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

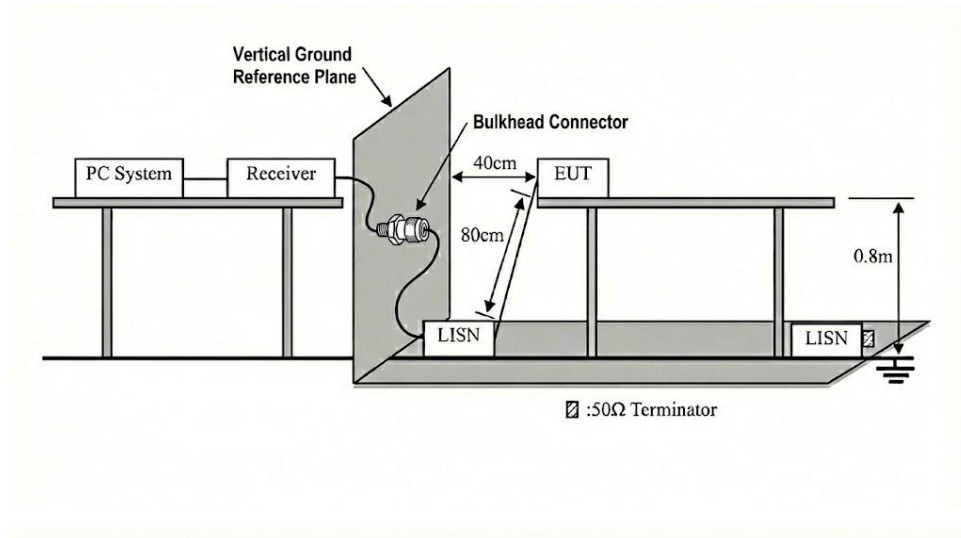
NOTE :

- 1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.
- 2) If the peak values is less than the AV limit, the average result deemed to comply with AV limit.



6.7 AC Powerline Conducted Emission

6.7.1 Test Setup



- 1) Tests were conducted for both Receive and Transmit Mode of the EUT.
- 2) The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN) and connected to test receiver. All other EUT support units power cords were connected to the power mains through another LISN terminated with 50 ohm loads.
- 3) Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- 4) The frequency range from 150 kHz to 30MHz was measured.

6.7.2 Test Limits:

For AC Power Line Conducted Test Limit can be Class A or B depends on product classification.

**Limits for conducted disturbance at the mains ports
of class A ITE**

Frequency range MHz	Limits dB(μV)	
	Quasi-peak	Average
0,15 to 0,50	79	66
0,50 to 30	73	60

NOTE The lower limit shall apply at the transition frequency.

Table 1: Limits for Conducted Disturbance at the Mains Ports of Class A ITE.

**Limits for conducted disturbance at the mains ports
of class B ITE**

Frequency range MHz	Limits dB(μ V)	
	Quasi-peak	Average
0,15 to 0,50	66 to 56	56 to 46
0,50 to 5	56	46
5 to 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 to 0,50 MHz.		

Table 2: Limits for Conducted Disturbance at the Mains Ports of Class B ITE

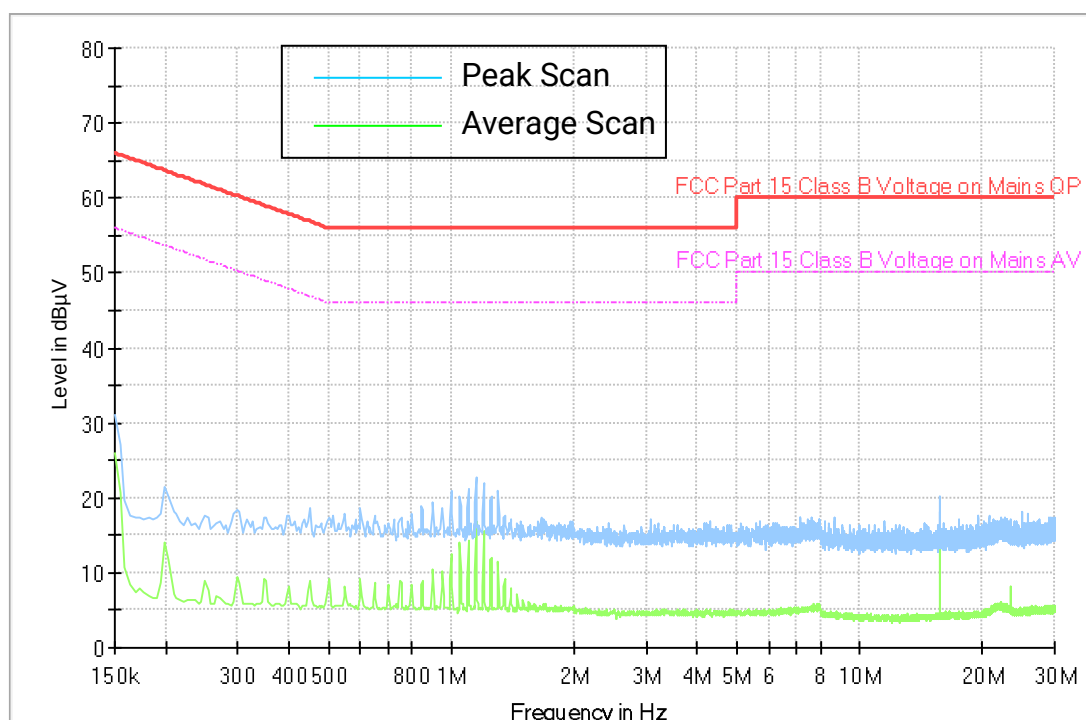
6.7.3 Test Result

Report ID: 1468N00-EMC-00049
Temperature: 20.1 °C
Humidity: 54.9 %RH
Tester: Helmy
Date of Test: 13 May 2026

120VAC, 50Hz

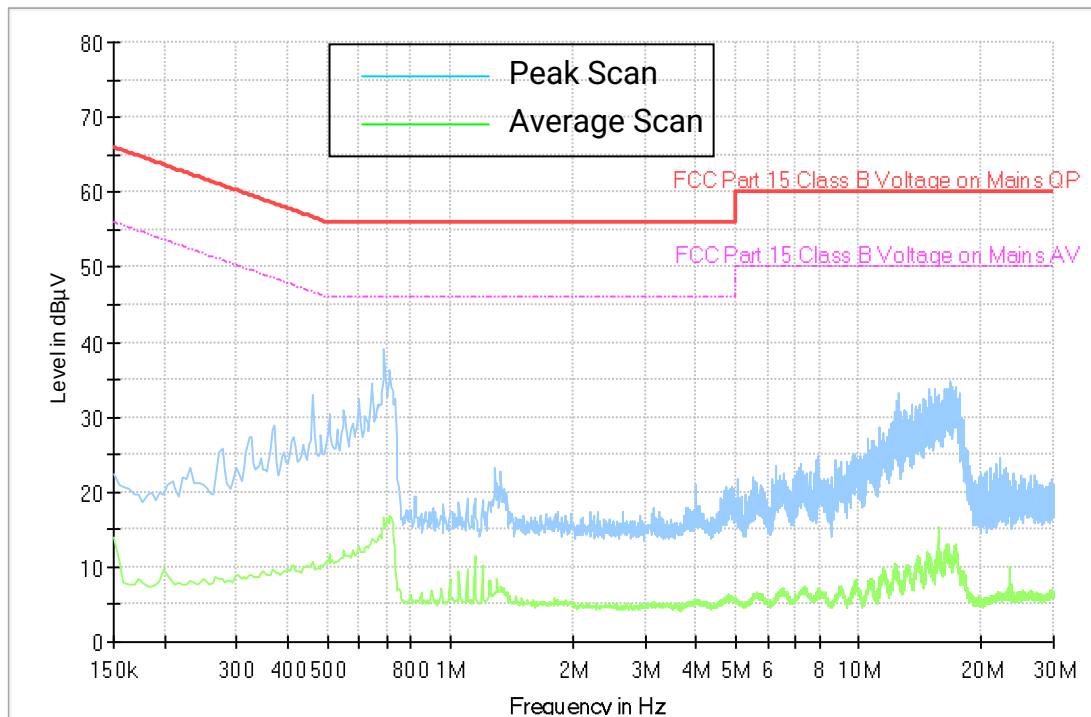
1) Ambient

Full Spectrum



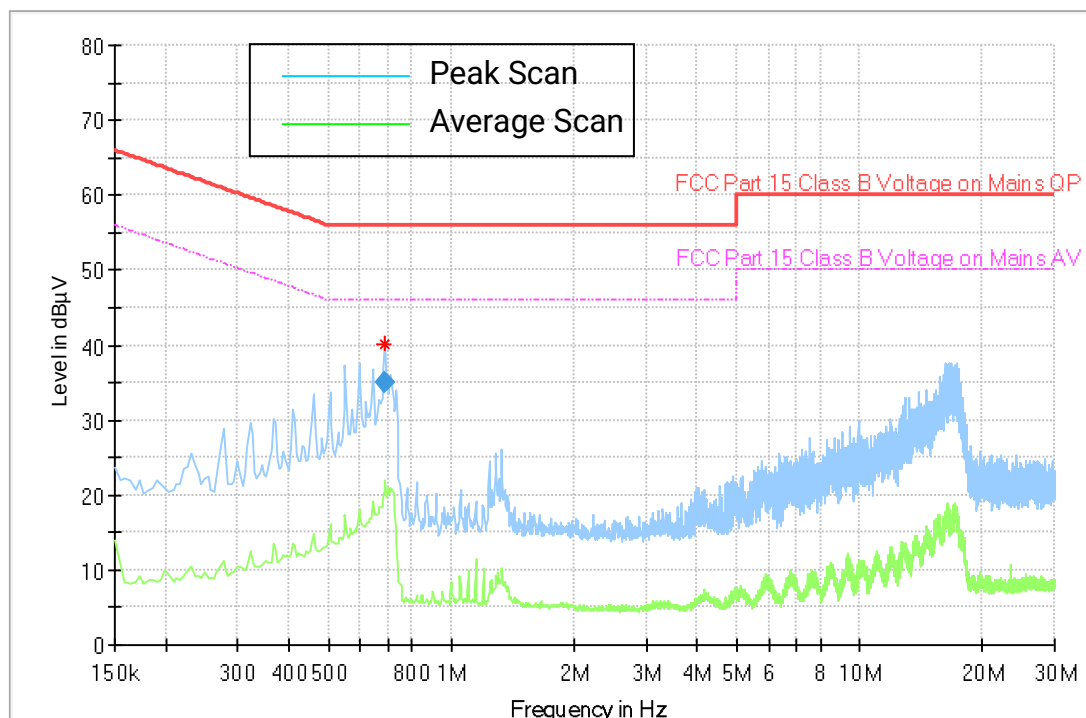
2) PSU Alone

Full Spectrum



3) Radio OFF

Full Spectrum

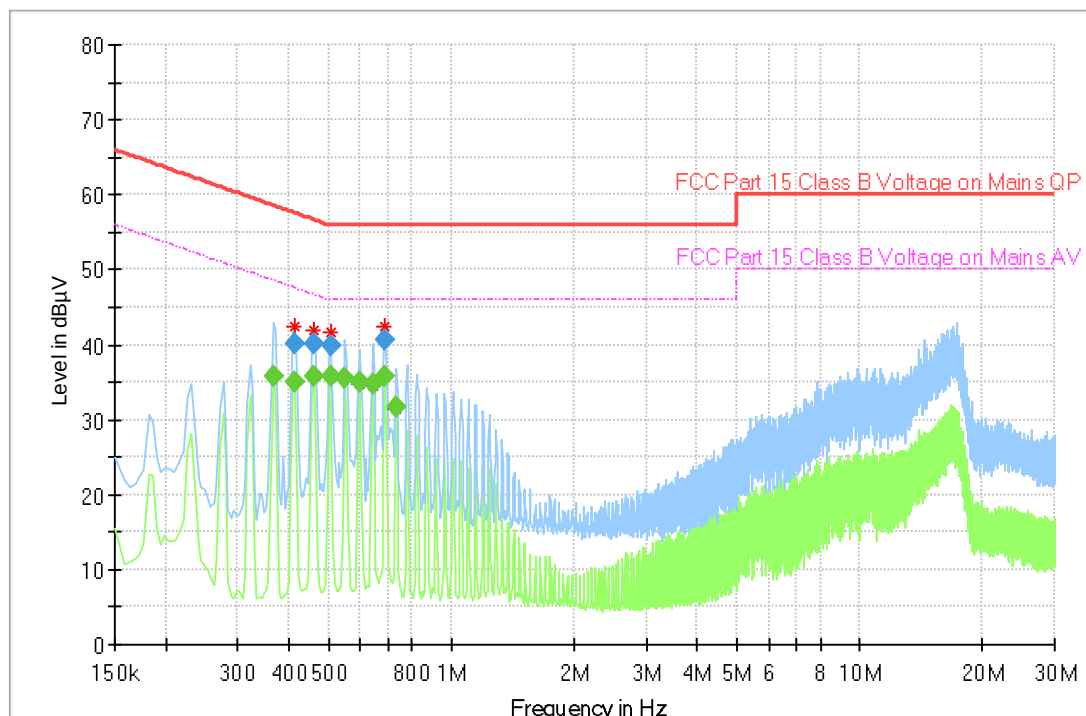


QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.690000	35.08	---	56.00	20.92	N	ON	9.9

4) Radio Standby

Full Spectrum

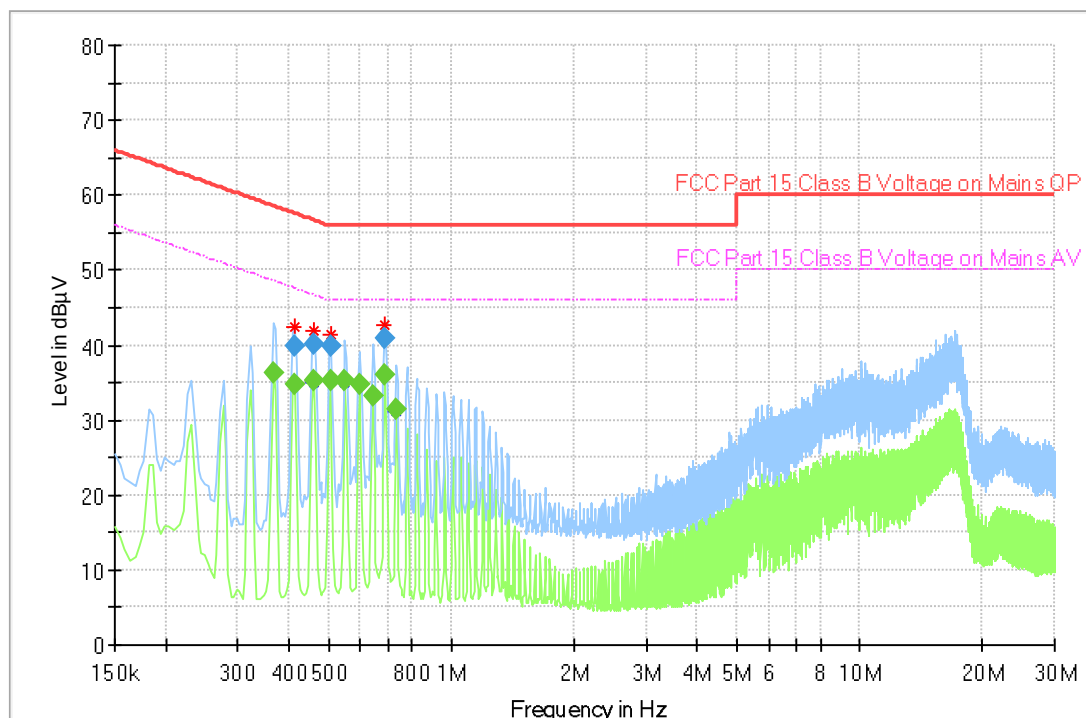


QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.366000	---	35.84	48.59	12.75	L1	ON	10.0
0.415500	40.03	---	57.54	17.51	N	ON	10.0
0.415500	---	35.12	47.54	12.42	L1	ON	10.0
0.460500	---	35.76	46.68	10.92	L1	ON	10.0
0.460500	40.18	---	56.68	16.50	L1	ON	10.0
0.505500	---	35.79	46.00	10.21	L1	ON	10.0
0.505500	39.91	---	56.00	16.09	L1	ON	10.0
0.550500	---	35.52	46.00	10.48	L1	ON	10.0
0.595500	---	34.93	46.00	11.07	L1	ON	10.0
0.640500	---	34.64	46.00	11.36	L1	ON	10.0
0.690000	---	35.73	46.00	10.27	N	ON	9.9
0.690000	40.73	---	56.00	15.27	N	ON	9.9
0.735000	---	31.60	46.00	14.40	L1	ON	9.9

5) Bluetooth LE1M Transmit CH: 2402MHz, Mod: GFSK

Full Spectrum

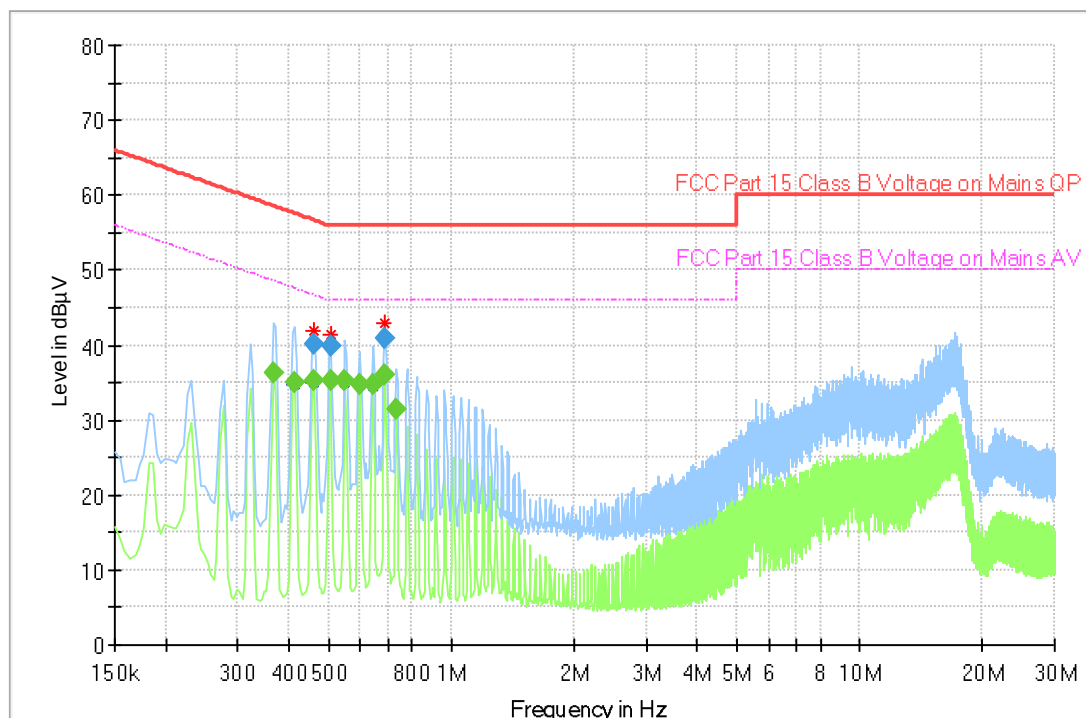


QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.366000	---	36.34	48.59	12.25	L1	ON	10.0
0.415500	---	34.85	47.54	12.69	L1	ON	10.0
0.415500	39.94	---	57.54	17.59	L1	ON	10.0
0.460500	---	35.24	46.68	11.45	L1	ON	10.0
0.460500	40.20	---	56.68	16.49	L1	ON	10.0
0.505500	---	35.29	46.00	10.71	L1	ON	10.0
0.505500	39.91	---	56.00	16.09	L1	ON	10.0
0.550500	---	35.17	46.00	10.83	L1	ON	10.0
0.595500	---	34.80	46.00	11.20	N	ON	10.0
0.645000	---	33.29	46.00	12.71	N	ON	9.9
0.690000	40.99	---	56.00	15.01	L1	ON	9.9
0.690000	---	36.13	46.00	9.87	L1	ON	9.9
0.735000	---	31.38	46.00	14.62	L1	ON	9.9

6) Bluetooth LE2M Transmit CH: 2404MHz, Mod: GFSK

Full Spectrum



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.366000	---	36.35	48.59	12.25	L1	ON	10.0
0.415500	---	34.89	47.54	12.65	L1	ON	10.0
0.460500	40.21	---	56.68	16.47	L1	ON	10.0
0.460500	---	35.29	46.68	11.39	L1	ON	10.0
0.505500	39.88	---	56.00	16.12	N	ON	10.0
0.505500	---	35.31	46.00	10.69	L1	ON	10.0
0.550500	---	35.17	46.00	10.83	L1	ON	10.0
0.595500	---	34.83	46.00	11.17	L1	ON	10.0
0.640500	---	34.71	46.00	11.29	N	ON	10.0
0.690000	41.01	---	56.00	14.99	N	ON	9.9
0.690000	---	36.16	46.00	9.84	L1	ON	9.9
0.735000	---	31.41	46.00	14.59	L1	ON	9.9

END OF TEST REPORT