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<table><tr><td>Date/s Tested</td><td>: 29-March-2026 - 10-April-2026</td></tr><tr><td>Report Issue Date</td><td>: 29-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>: SUBRAMANIAM VASU</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>: AAM29JQN9YA1AN (IC Model: PMUD2950AB)</td></tr><tr><td>Frequency Band</td><td>: 2.402 - 2.480 GHz</td></tr><tr><td>Max RF Output Power</td><td>: GFSK - 11.22mW PI/4 DQPSK & 8DPSK - 15.85mW</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) FCC 47CFR Part 15C ISED RSS 247 Issue 4</td><td>PASS</td></tr></table>		Date/s Tested	: 29-March-2026 - 10-April-2026	Report Issue Date	: 29-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	: SUBRAMANIAM VASU	Product Type	: Mobile / Vehicle Mount	Product Marketing Name (PMN)	: MR7r	Hardware Version Identification Number (HVIN)	: AAM29JQN9YA1AN (IC Model: PMUD2950AB)	Frequency Band	: 2.402 - 2.480 GHz	Max RF Output Power	: GFSK - 11.22mW PI/4 DQPSK & 8DPSK - 15.85mW	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) FCC 47CFR Part 15C ISED RSS 247 Issue 4	PASS
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Prepared By:  SITI NURHIDAYATI BINTI ABDUL HALIM Test Personnel	Approved Signatory:  VINCENT FOONG CHUEN KIT Responsible Engineer																																

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REVISION HISTORY

Revision History	Description	Date	Originator
Rev. A	Initial Report	17-May-2026	Hidayati
Rev. B	Update Cover Page info	29-Jun-26	Zalilah

1.0. General Information

EUT Description:

Technologies	2.4GHz BT
TX Frequency range	2402MHz – 2480MHz
Modulation Type	GFSK, Pi/4 DQPSK,8DPSK
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 132-174 3DB GAIN	MOTOROLA	HAD4022A
MOBILE ANTENNA GNSS L1 & L5 MAGNET MOUNT	MOTOROLA	PMAN4013A
GENESEE COLOR DISPLAY CONTROL HEAD	MOTOROLA	PMLN8805A
LTD DESKTOP MOBILE MIC	MOTOROLA	RMN5050A
DESKTOP TRAY WITH SPEAKER	MOTOROLA	RSN4005A
POWER SUPPLY ADAPTOR, EXT 280W POWER SUPPLY, 100-240VAC, SAE	MOTOROLA	PS000280A02
POWER CORD, US	MOTOROLA	3087791G01

Channel number and frequency information:

79 channels are provided to this EUT:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
0	2402	20	2422	40	2442	60	2462
1	2403	21	2423	41	2443	61	2463
2	2404	22	2424	42	2444	62	2464
3	2405	23	2425	43	2445	63	2465
4	2406	24	2426	44	2446	64	2466
5	2407	25	2427	45	2447	65	2467
6	2408	26	2428	46	2448	66	2468
7	2409	27	2429	47	2449	67	2469
8	2410	28	2430	48	2450	68	2470
9	2411	29	2431	49	2451	69	2471
10	2412	30	2432	50	2452	70	2472
11	2413	31	2433	51	2453	71	2473
12	2414	32	2434	52	2454	72	2474
13	2415	33	2435	53	2455	73	2475
14	2416	34	2436	54	2456	74	2476
15	2417	35	2437	55	2457	75	2477

16	2418	36	2438	56	2458	76	2478
17	2419	37	2439	57	2459	77	2479
18	2420	38	2440	58	2460	78	2480
19	2421	39	2441	59	2461		

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 (b)(1)	RSS-247 5.4(b)	Conducted RF Output Power (Peak)	Pass	Highest output power: 11.350 dBm (13.646 mW)	008TCF0111	Hidayati
15.247 (a)(1)	RSS-247 5.1(a) RSS-247 5.1(b)	(1) 20dB Channel Bandwidth (2) Channel Separation	Pass	GFSK – 864KF1D Pi/4 DQPSK – 1M18G1D 8DPSK - 1M19G1D	008TCF0111	Hidayati
15.247(a)(1)(iii)	RSS-247 5.1(d)	Number of hopping Frequency used	Pass	Meet the limit requirement.	008TCF0111	Hidayati
15.247(a)(1)(iii)	RSS-247 5.1(d)	Dwell time on each channel	Pass	Meet the limit requirement.	008TCF0111	Hidayati
15.247 (d)	RSS-247 5.5	Band Edge Conducted Spurious Emission	Pass	Worst case emission: -43.71dBm	008TCF0111	Hidayati
15.247 (d)	RSS-247 5.5	Conducted Spurious Emission	Pass	Worst case emission: -45.40 dBm	008TCF0111	Hidayati
15.205, 15.209, 15.247 (d)	RSS-247 5.5	Radiated Emission within Restricted Bands	Pass	Worst case emission: RBE: 43.96dBuV/m (margin: 10.04dB) RSE: 30.40 dBuV/m (Margin: 13.10 dB)	008TCF1353	Nazrin, Fuad & Rezza
15.207	RSS-Gen 8.8	AC Powerline Conducted Emission	Pass	Meet the limit requirement.	008TCF1353	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 # 3 (SW Version: Ate Main_v3.2.2)

Description	Model	Serial Number	Calibration Date	Calibration Due Date
POWER SUPPLY	6652A	3541A02371	3-Sep-25	3-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 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
5m SEMI-ANECHOIC CHAMBER	S800-HX	J2308	No Cal. Req'd	No Cal. Req'd
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
SYSTEM CONTROLLER	SC104V	050806-1	No Cal. Req'd	No Cal. Req'd
TURNTABLE FLUSH MOUNT 2M	FM2011	FM2011-001	No Cal. Req'd	No Cal. Req'd
ANTENNA POSITIONING TOWER	TLT2	090308-5	No Cal. Req'd	No Cal. Req'd
BROAD-BAND HORN ANTENNA	BBHA9170	BBHA9170143	30-Sep-25	30-Sep-26
PREAMPLIFIER 18-40GHz	JS44-18004000- 33-8P	2034566	No Cal. Req'd	No Cal. Req'd
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

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	4-Sep-2025	4-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 Technology	Modulation Type	Environmental Conditions
Test Mode	0 to 78	0,39,78	FHSS	GFSK, Pi/4 DQPSK,8DPSK	23.6°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 Technology	Modulation Type	Environmental Conditions
Test Mode	0 to 78	0,39,78	FHSS	GFSK, Pi/4 DQPSK,8DPSK	23.6°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 Technology	Modulation Type	Environmental Conditions
Application Mode	0 to 78	AUTO	FHSS	AUTO	19.5°C, 54.5%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).

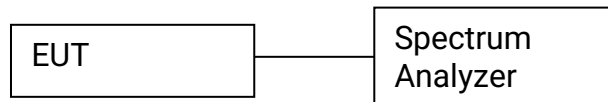
☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Available Channel	Tested Channel	Modulation Technology	Modulation Type	Environmental Conditions
Test Mode	0 to 78	0,39,78	FHSS	GFSK, Pi/4 DQPSK,8DPSK	25°C, 54.8%RH

6.0. Transmitter Test Parameters

6.1. Conducted RF Output Power (Peak)

6.1.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and set EUT to transmit maximum data rate with hopping disable.
- c) Connect EUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - a. RBW = > 20 dB bandwidth
 - b. VBW = RBW
 - c. Detector mode = Peak
 - d. AMPLITUDE → Scale/Div = 10 dB
 - e. Trace = Max hold
 - f. Sweep = auto
- e) Measure the captured power within the band and recording the plot.
- f) Repeat above procedure with other different mode of operation.

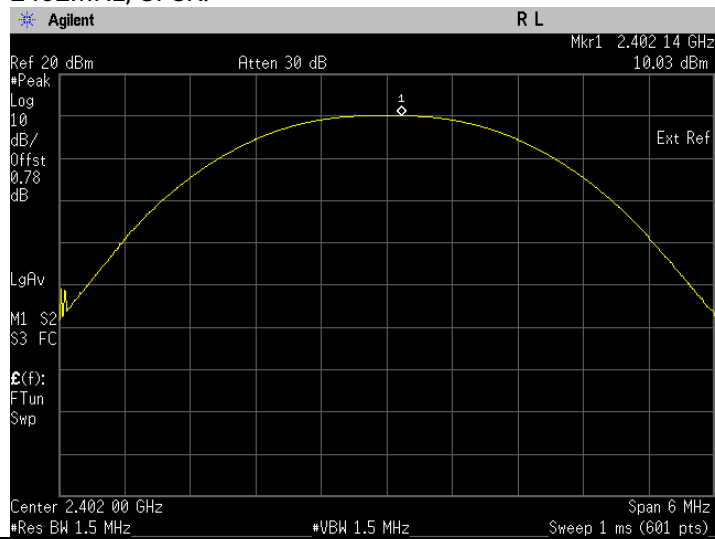
6.1.2. Test Limits:

Normal Condition (25 ° C)
≤ 125mW (or 20.9dBm)

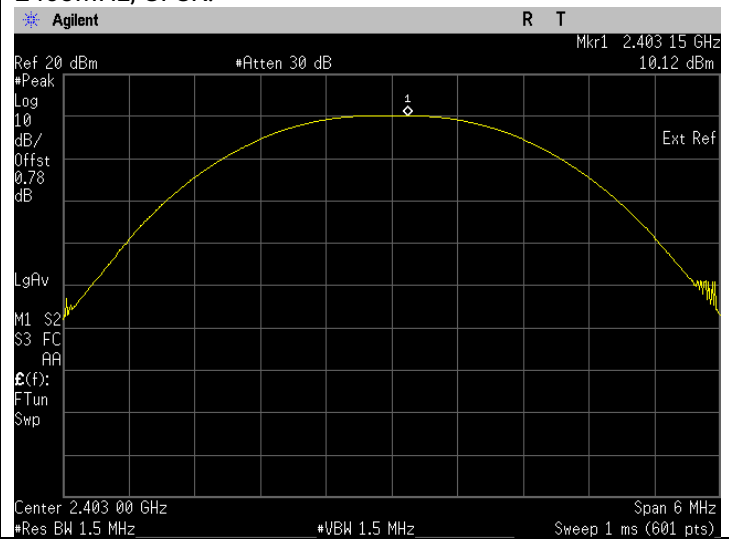
6.1.3. Test Data:

Test Conditions			Results	
Modulation	Voltage(V)	Test Frequency(GHz)	dBm	Status
GFSK	13.60	2.4020	10.034	Pass
		2.4030	10.120	Pass
		2.4410	9.734	Pass
		2.4790	9.510	Pass
		2.4800	9.440	Pass
Pi/4 DQPSK	13.60	2.4020	11.109	Pass
		2.4030	11.120	Pass
		2.4410	10.797	Pass
		2.4790	10.500	Pass
		2.4800	10.481	Pass
8DPSK	13.60	2.4020	11.296	Pass
		2.4030	11.350	Pass
		2.4410	11.012	Pass
		2.4790	10.730	Pass
		2.4800	10.699	Pass

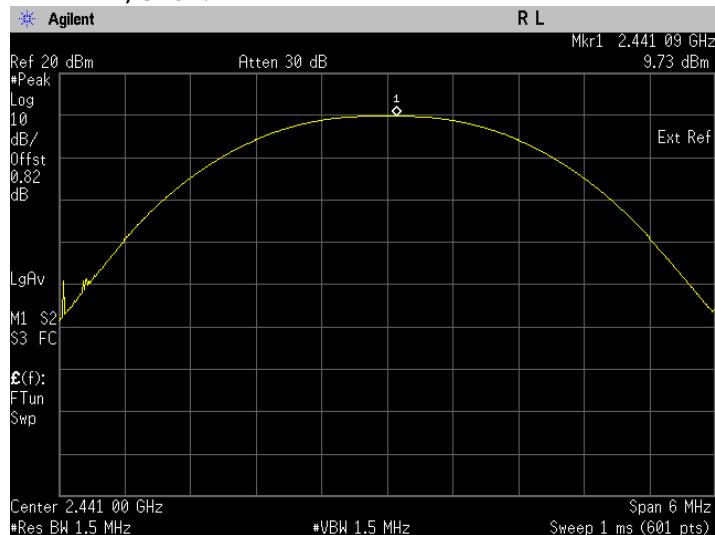
The Conducted RF Output Power test with result at 2402MHz, GFSK.



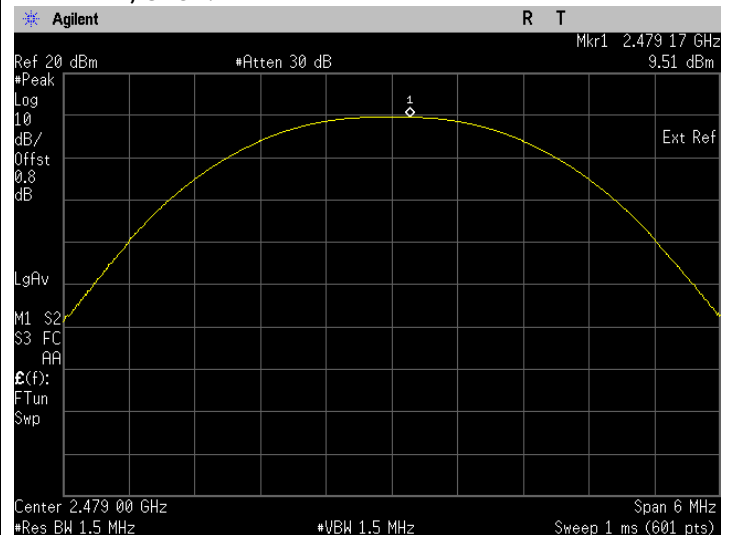
The Conducted RF Output Power test with result at 2403MHz, GFSK.



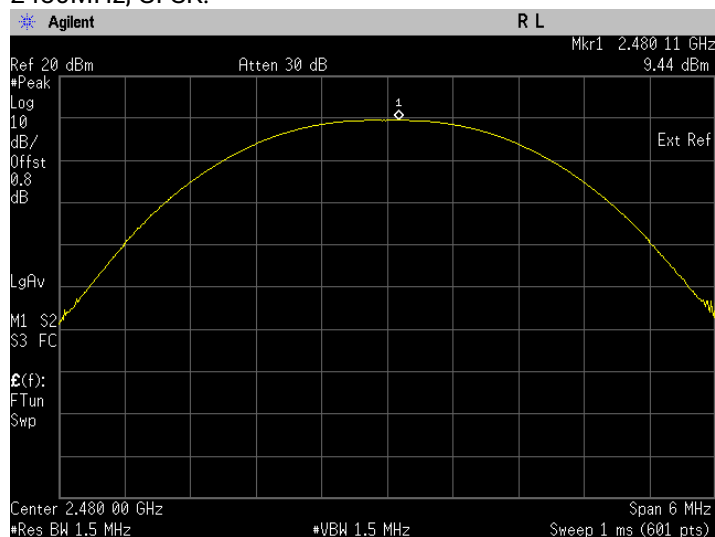
The Conducted RF Output Power test with result at 2441MHz, GFSK.



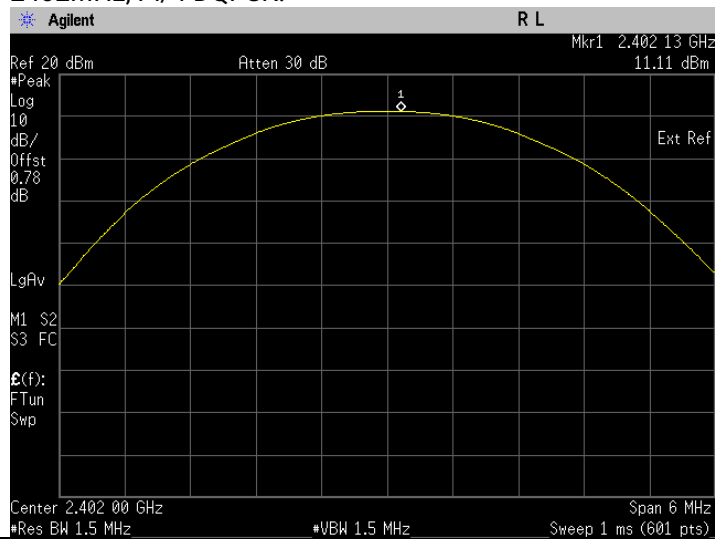
The Conducted RF Output Power test with result at 2479MHz, GFSK.



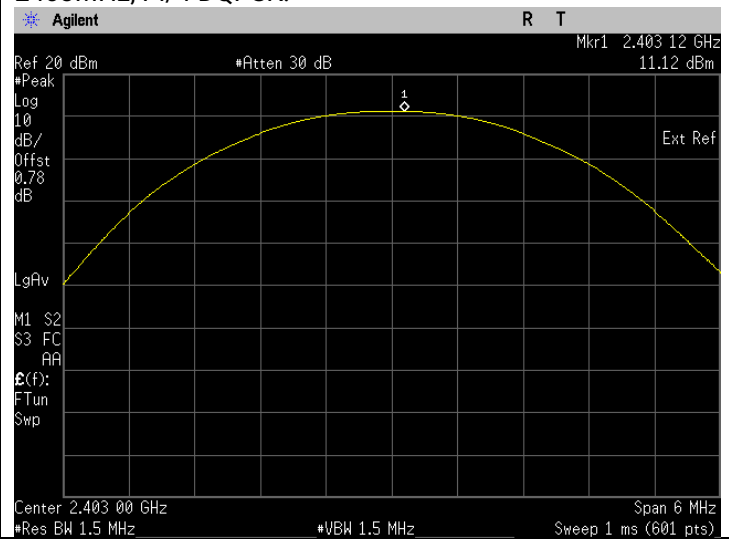
The Conducted RF Output Power test with result at 2480MHz, GFSK.



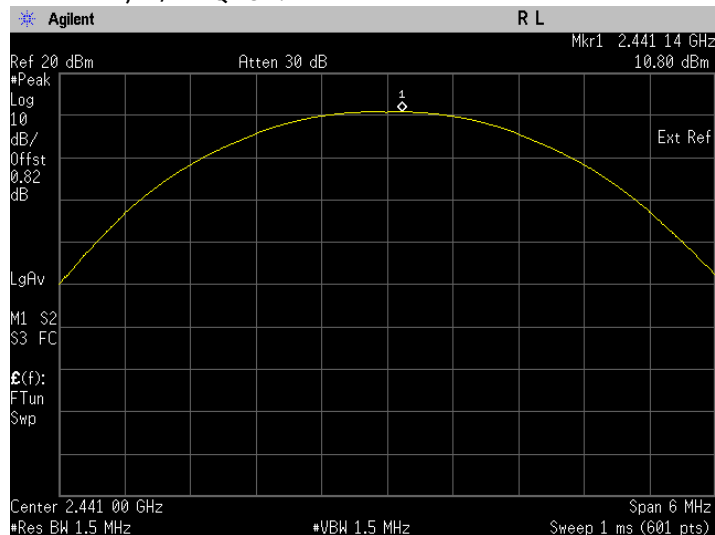
The Conducted RF Output Power test with result at 2402MHz, Pi/4 DQPSK.



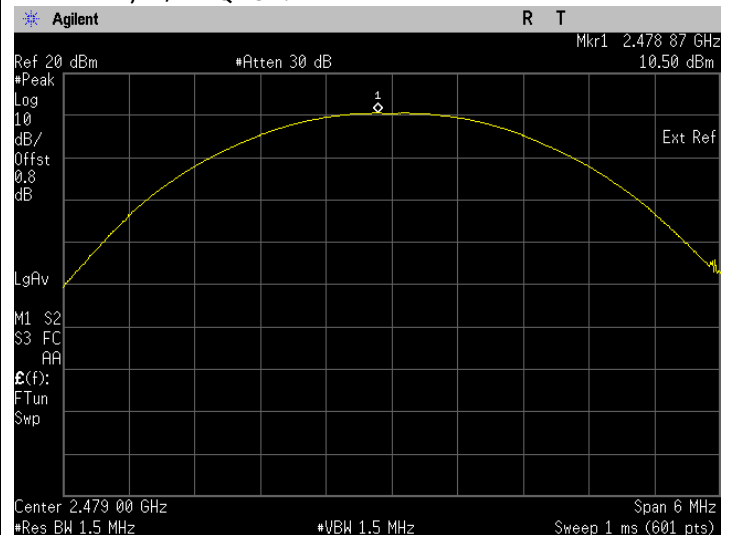
The Conducted RF Output Power test with result at 2403MHz, Pi/4 DQPSK.



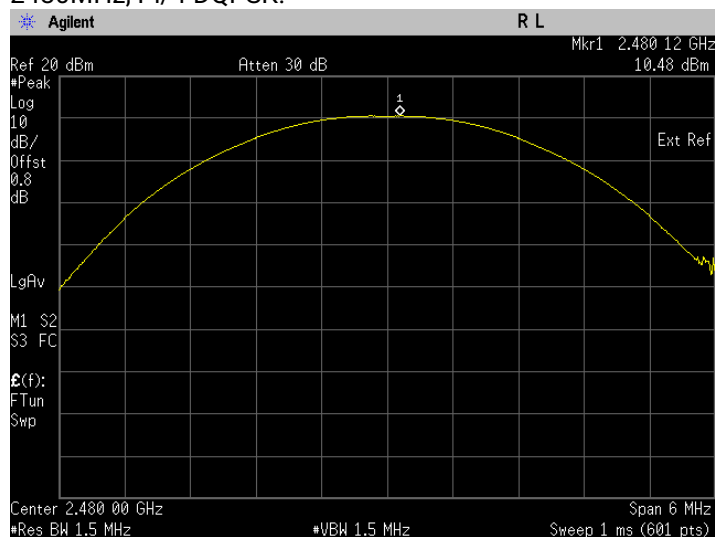
The Conducted RF Output Power test with result at 2441MHz, Pi/4 DQPSK.



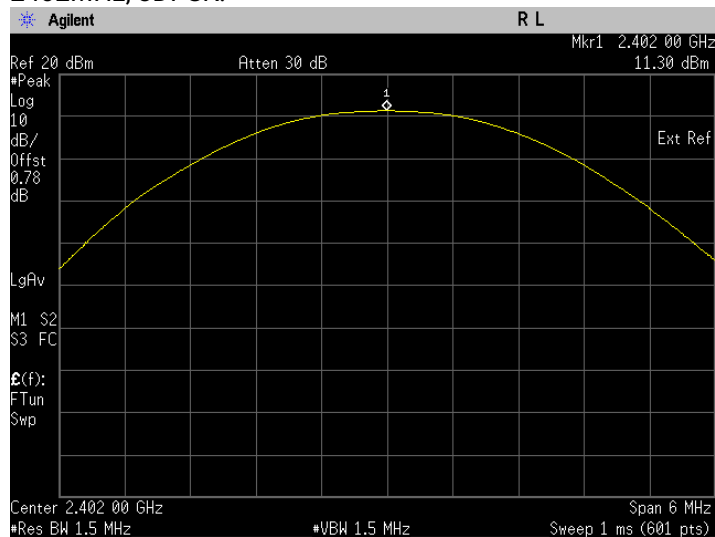
The Conducted RF Output Power test with result at 2479MHz, Pi/4 DQPSK.



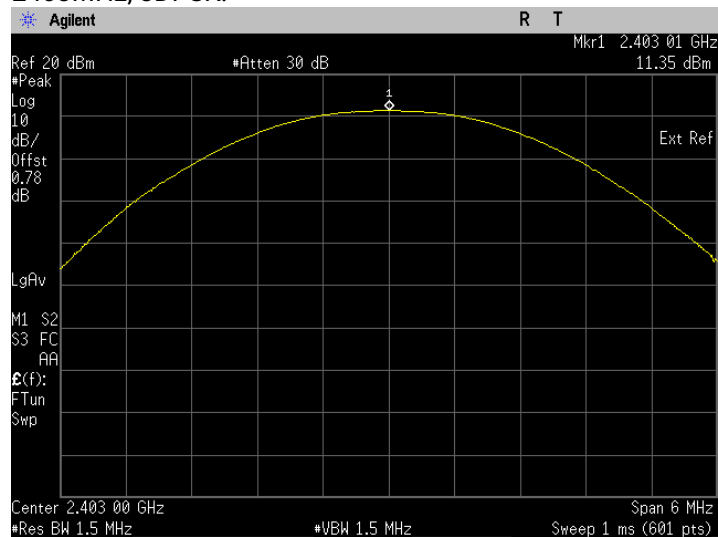
The Conducted RF Output Power test with result at 2480MHz, Pi/4 DQPSK.



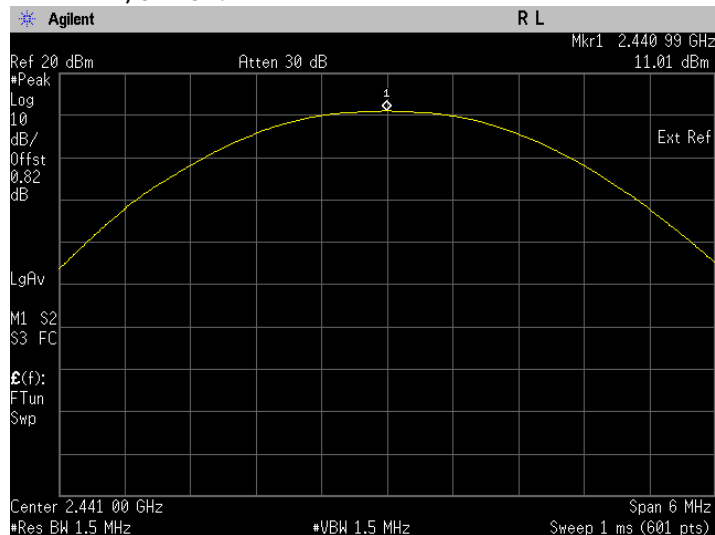
The Conducted RF Output Power test with result at 2402MHz, 8DPSK.



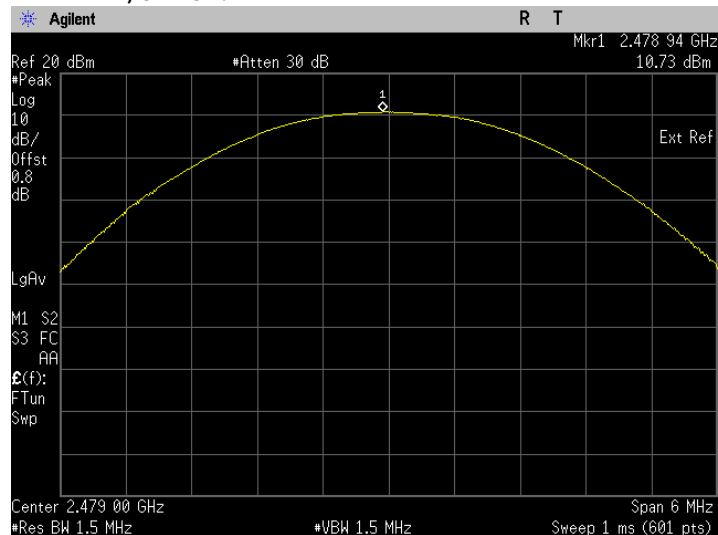
The Conducted RF Output Power test with result at 2403MHz, 8DPSK.



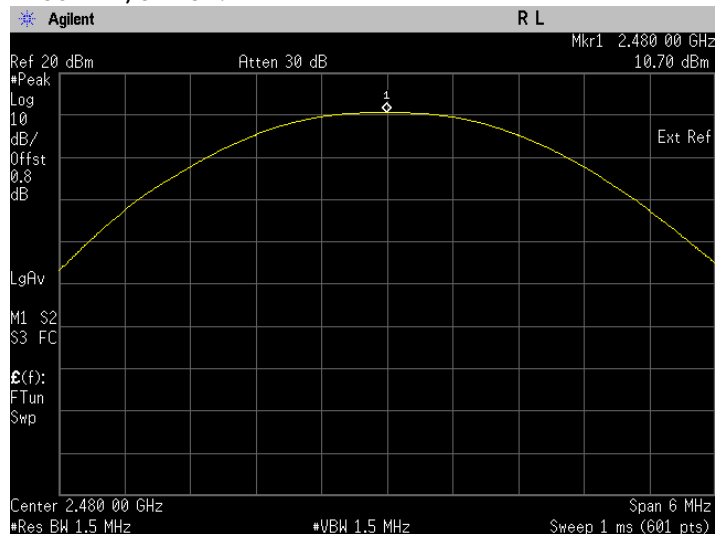
The Conducted RF Output Power test with result at 2441MHz, 8DPSK.



The Conducted RF Output Power test with result at 2479MHz, 8DPSK.

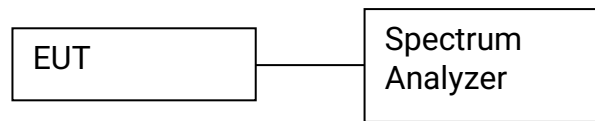


The Conducted RF Output Power test with result at 2480MHz, 8DPSK.



6.2. 20dB Channel Bandwidth

6.2.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and set EUT to transmit maximum data rate with hopping disable.
- c) Connect EUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - a. RBW = 30 kHz
 - b. VBW = 100 kHz
 - c. SPAN = 3 MHz, center on test frequency
 - d. AMPLITUDE → Scale/Div = 10 dB
 - e. Detector mode = Peak
 - f. Trace = Max hold
 - g. Sweep = auto
- e) Measure the freq different of two frequencies that were attenuated 20dB from peak of the emission & record the frequency difference as the emission bandwidth.
- f) Save the plot result from spectrum analyzer screen.
- g) Repeat above procedure with other different mode of operation.

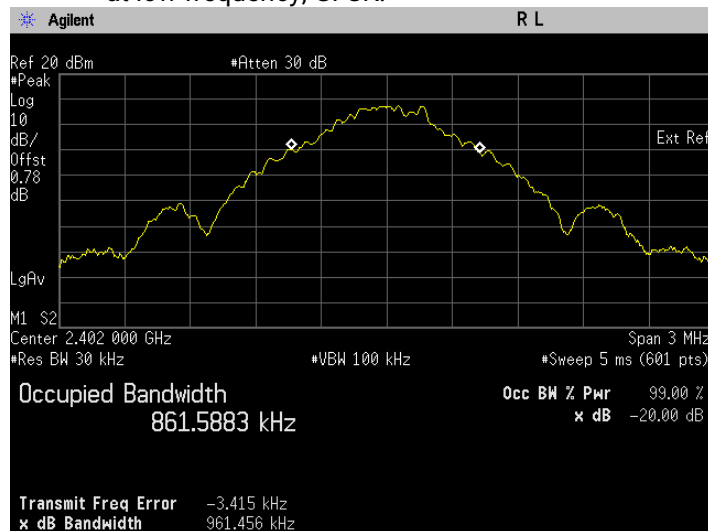
6.2.2. Test Limits:

Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

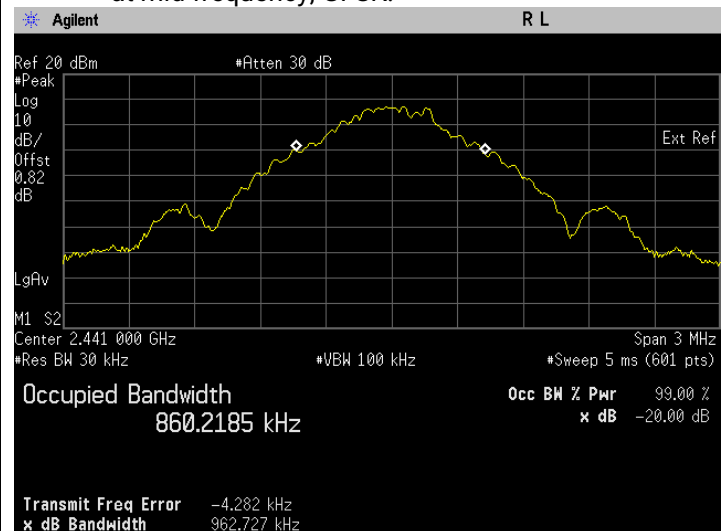
6.2.3. Test Data:

Test Conditions		Test Frequency	Results		
Modulation Type	Voltage(V)	TX (GHz)	20dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Status
GFSK	13.60	2.4020	0.961	0.862	Pass
		2.4410	0.963	0.860	Pass
		2.4800	0.959	0.864	Pass
Pi/4 DQPSK	13.60	2.4020	1.336	1.181	Pass
		2.4410	1.337	1.179	Pass
		2.4800	1.338	1.181	Pass
8DPSK	13.60	2.4020	1.310	1.184	Pass
		2.4410	1.309	1.183	Pass
		2.4800	1.310	1.187	Pass

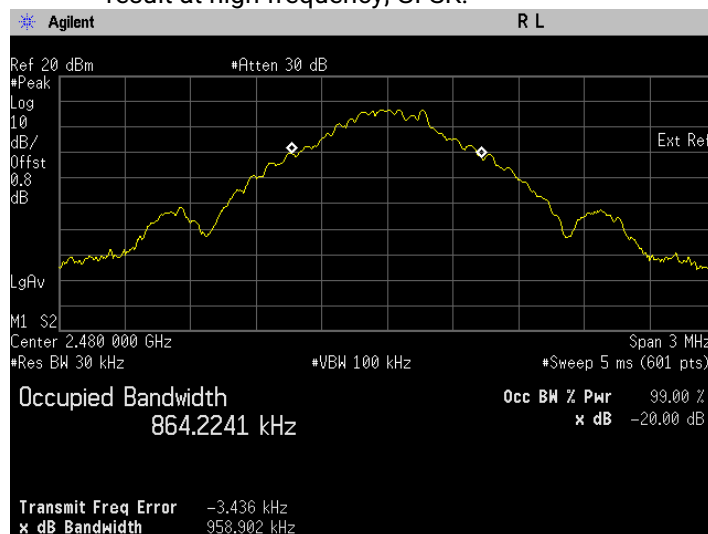
i. The 20 dB BW & occupied bandwidth test with result at low frequency, GFSK.



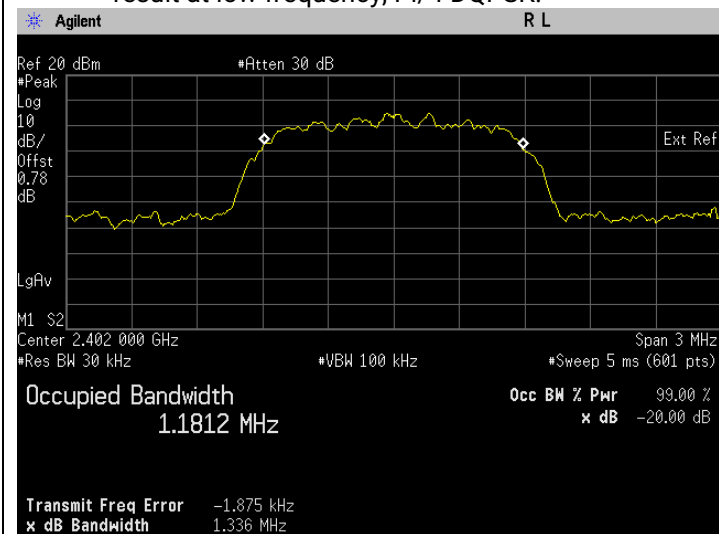
ii. The 20 dB BW & occupied bandwidth test with result at mid frequency, GFSK.



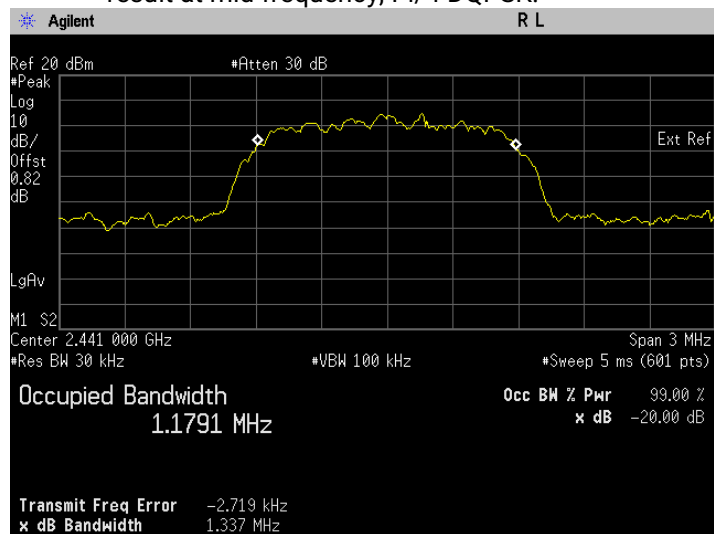
iii. The 20 dB BW & occupied bandwidth test with result at high frequency, GFSK.



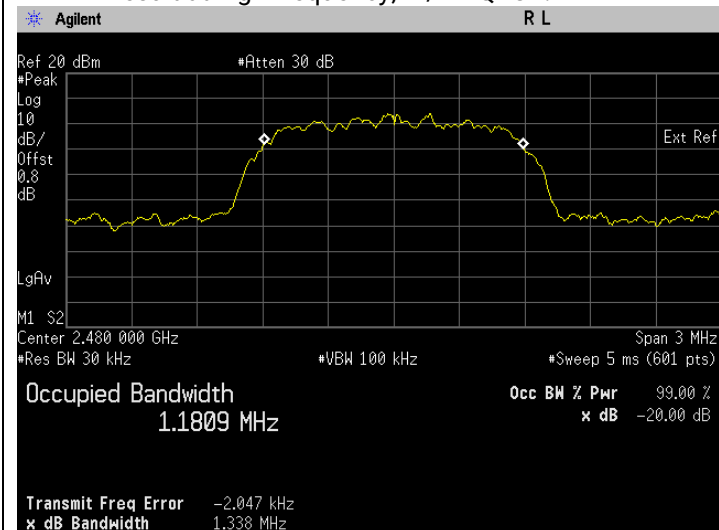
i. The 20 dB BW & occupied bandwidth test with result at low frequency, Pi/4 DQPSK.



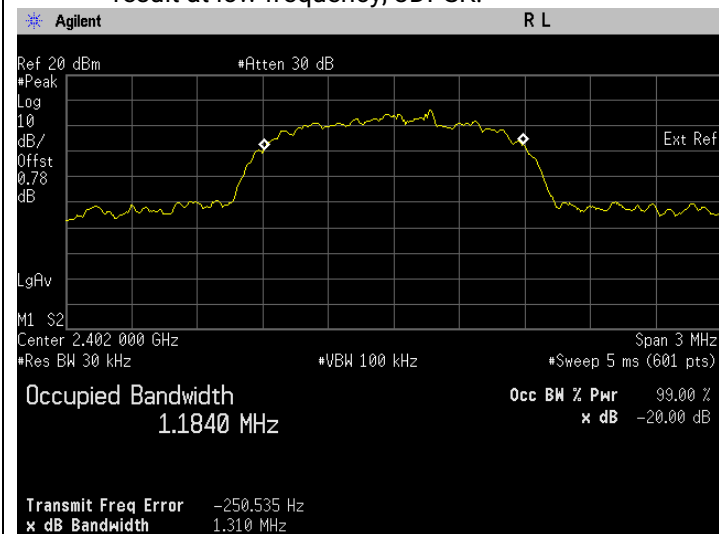
ii. The 20 dB BW & occupied bandwidth test with result at mid frequency, Pi/4 DQPSK.



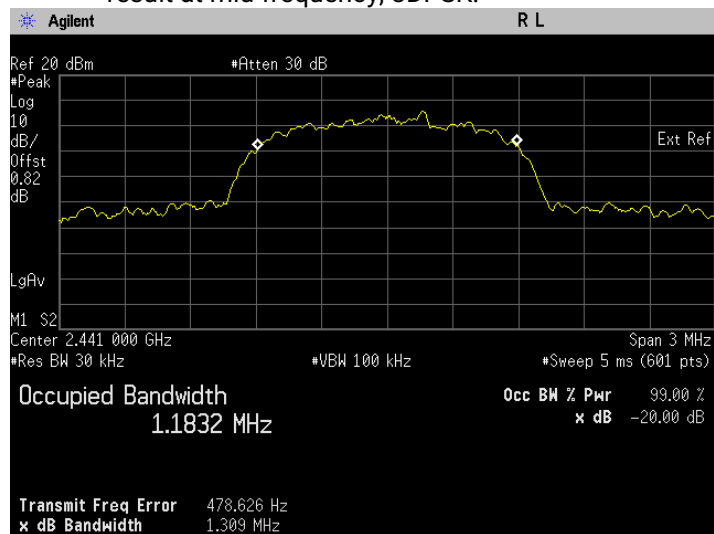
iii. The 20 dB BW & occupied bandwidth test with result at high frequency, Pi/4 DQPSK.



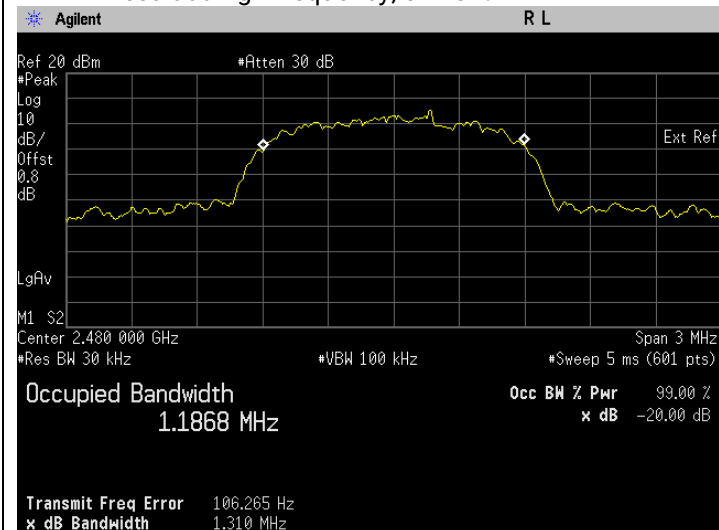
i. The 20 dB BW & occupied bandwidth test with result at low frequency, 8DPSK.



ii. The 20 dB BW & occupied bandwidth test with result at mid frequency, 8DPSK.

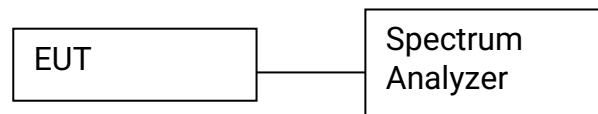


iii. The 20 dB BW & occupied bandwidth test with result at high frequency, 8DPSK.



6.3. Band-edge Conducted Spurious Emission

6.3.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and keep the EUT in hopping mode.
- c) Connect EUT'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. SPAN = 4 MHz (Low channel) or 6MHz(High Channel)
 - d. Detector mode = Peak
 - e. AMPLITUDE → Scale/Div = 10 dB
 - f. Trace = Max hold
 - g. Sweep = auto
- e) Measure the captured band edge emission result and recording the plot.
- f) Repeat above on EUT with hopping disable.
- g) Repeat above procedure with other different test frequency.

6.3.2. Test Limits

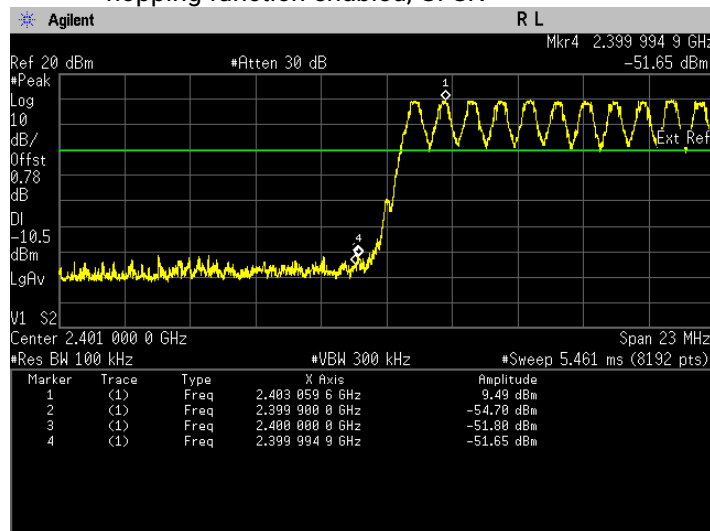
Normal Condition (25 ° C)
Shall be at least 20 dB below the peak power.

6.3.3. Test Result

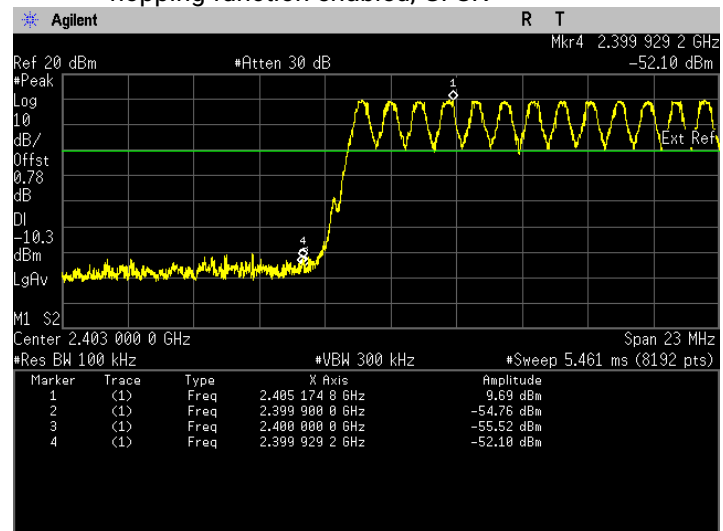
Test Conditions				Results	
Modulation	Voltage(V)	Hopping Method	Test Frequency(GHz)	dB	Status
GFSK	13.60	Enabled (continuously)	2.402	-51.65	Pass
			2.403	-52.10	Pass
			2.479	-54.99	Pass
			2.480	-55.81	Pass
		Disabled (constantly)	2.402	-51.05	Pass
			2.403	-55.37	Pass
			2.479	-55.91	Pass
			2.480	-56.22	Pass
Pi/4 DQPSK	13.60	Enabled (continuously)	2.402	-50.30	Pass
			2.403	-52.79	Pass
			2.479	-55.39	Pass
			2.480	-56.87	Pass
		Disabled (constantly)	2.402	-48.94	Pass
			2.403	-54.76	Pass
			2.479	-57.41	Pass
			2.480	-54.89	Pass
8 DPSK	13.60	Enabled (continuously)	2.402	-44.47	Pass
			2.403	-48.14	Pass
			2.479	-55.26	Pass
			2.480	-55.53	Pass
		Disabled (constantly)	2.402	-43.71	Pass
			2.403	-52.72	Pass
			2.479	-55.04	Pass
			2.480	-52.00	Pass

GFSK Modulation:

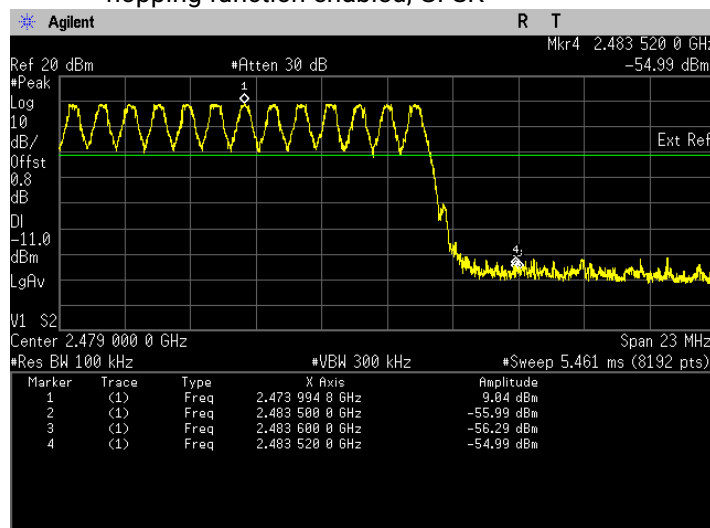
i. The highest band edge emission at 2402 MHz with hopping function enabled, GFSK



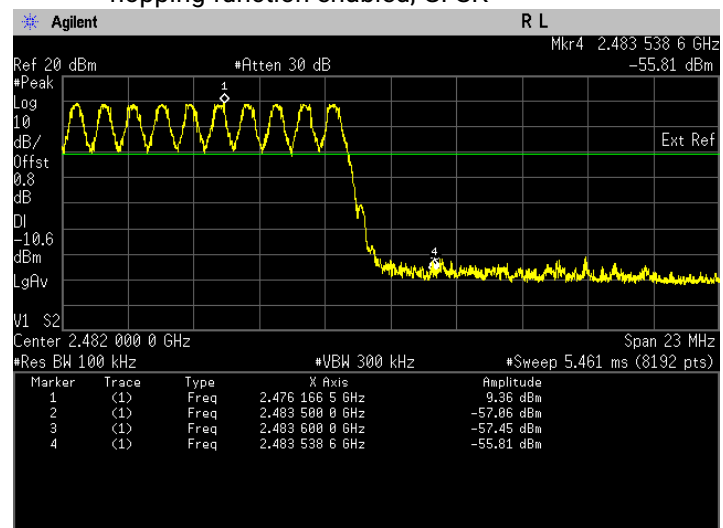
ii. The highest band edge emission at 2403 MHz with hopping function enabled, GFSK



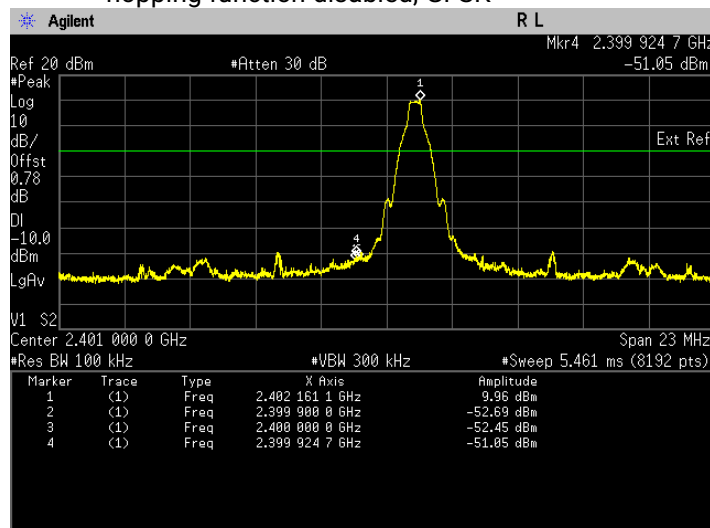
iii. The highest band edge emission at 2479 MHz with hopping function enabled, GFSK



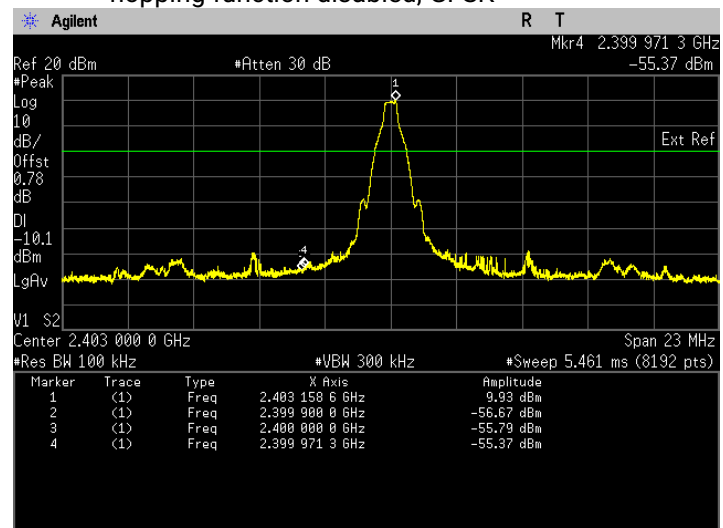
iv. The highest band edge emission at 2480 MHz with hopping function enabled, GFSK



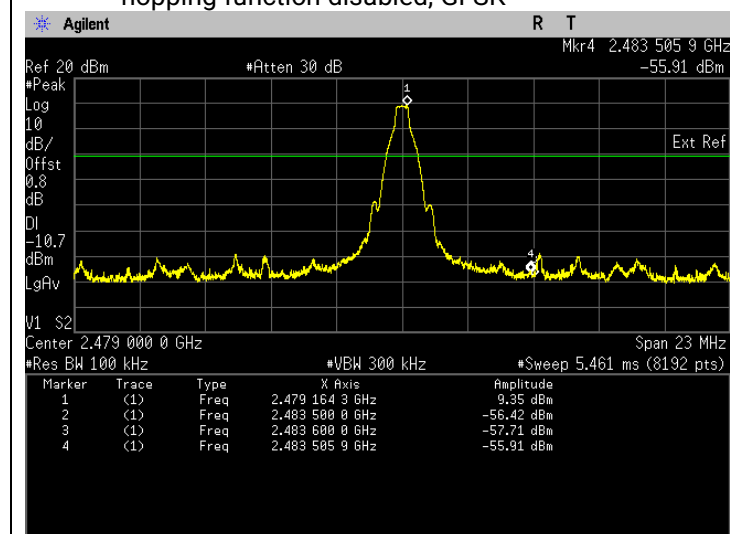
v. The highest band edge emission at 2402 MHz with hopping function disabled, GFSK



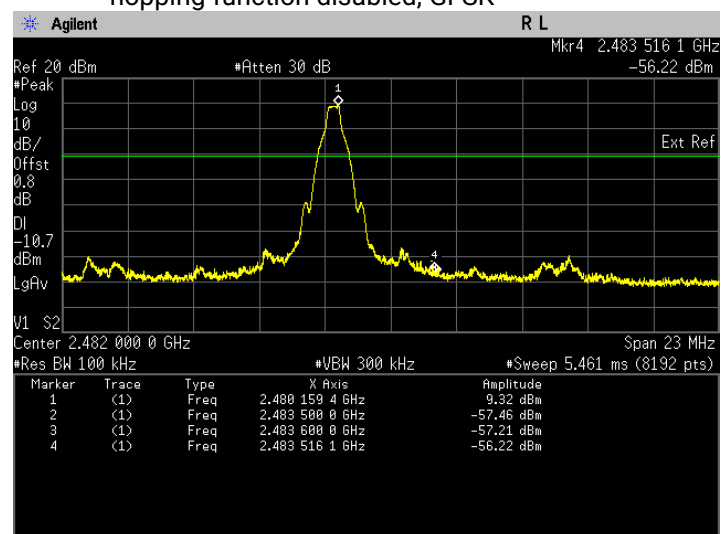
vi. The highest band edge emission at 2403 MHz with hopping function disabled, GFSK



vii. The highest band edge emission at 2479 MHz with hopping function disabled, GFSK

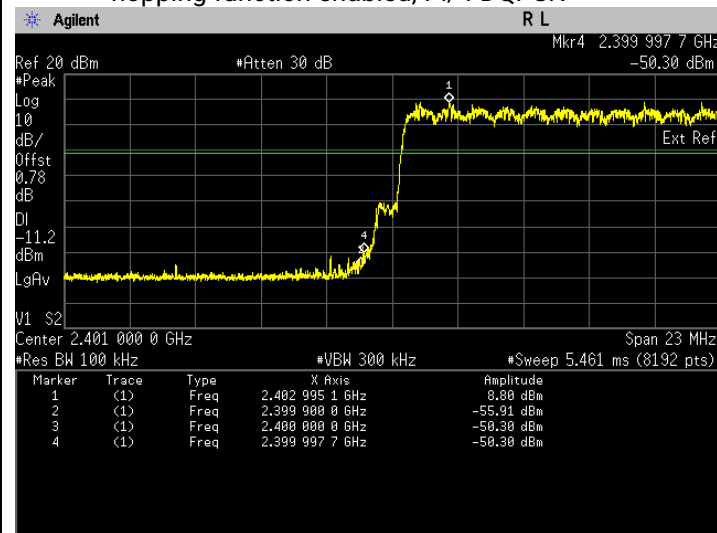


viii. The highest band edge emission at 2480 MHz with hopping function disabled, GFSK

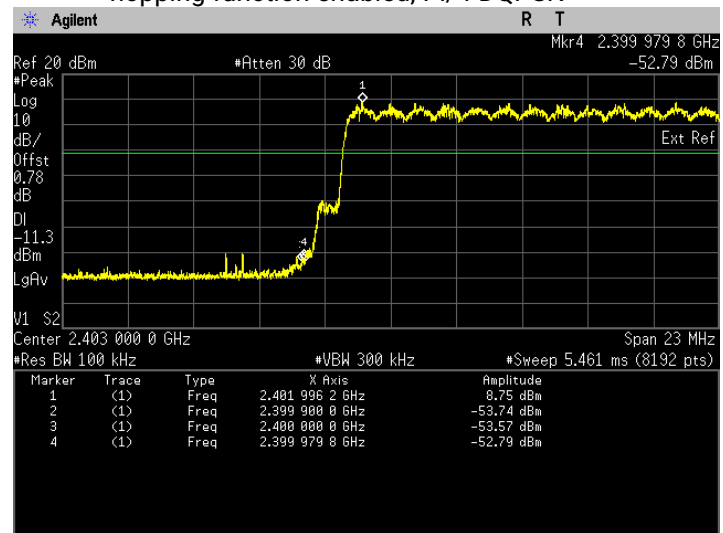


Pi/4 DQPSK Modulation:

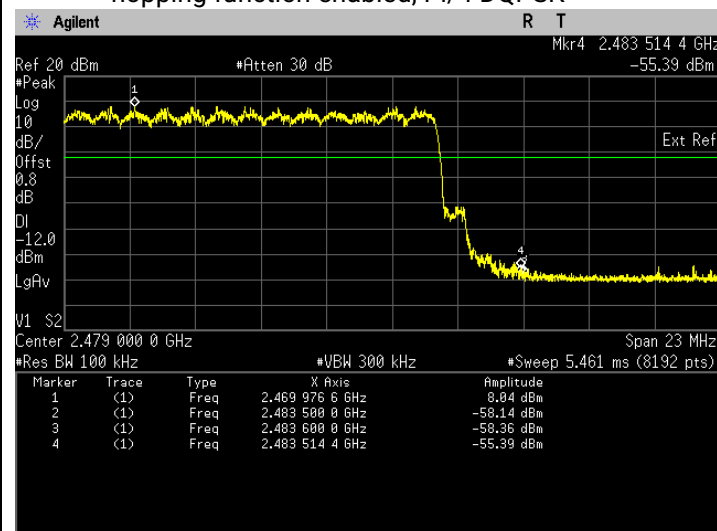
i. The highest band edge emission at 2402 MHz with hopping function enabled, Pi/4 DQPSK



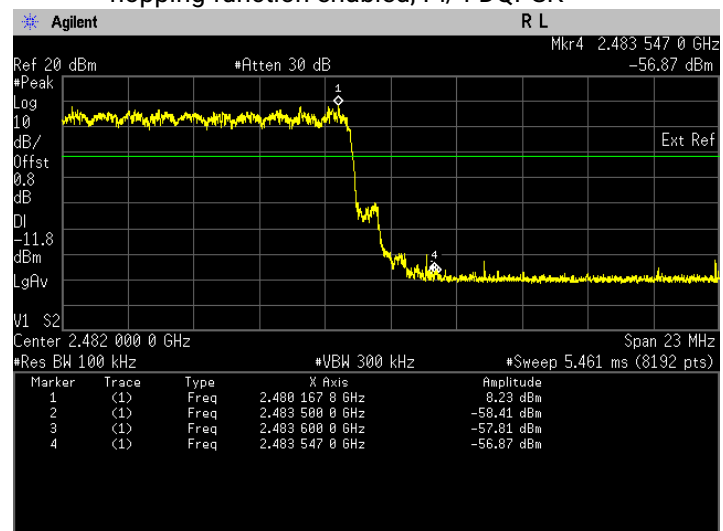
ii. The highest band edge emission at 2403 MHz with hopping function enabled, Pi/4 DQPSK



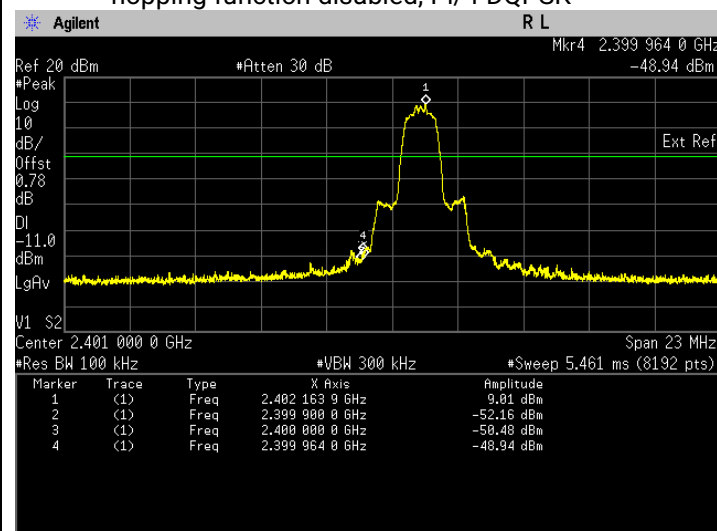
iii. The highest band edge emission at 2479 MHz with hopping function enabled, Pi/4 DQPSK



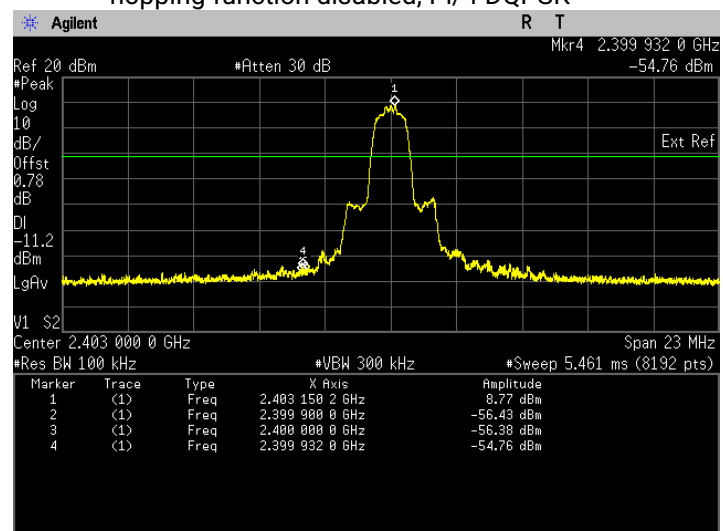
iv. The highest band edge emission at 2480 MHz with hopping function enabled, Pi/4 DQPSK



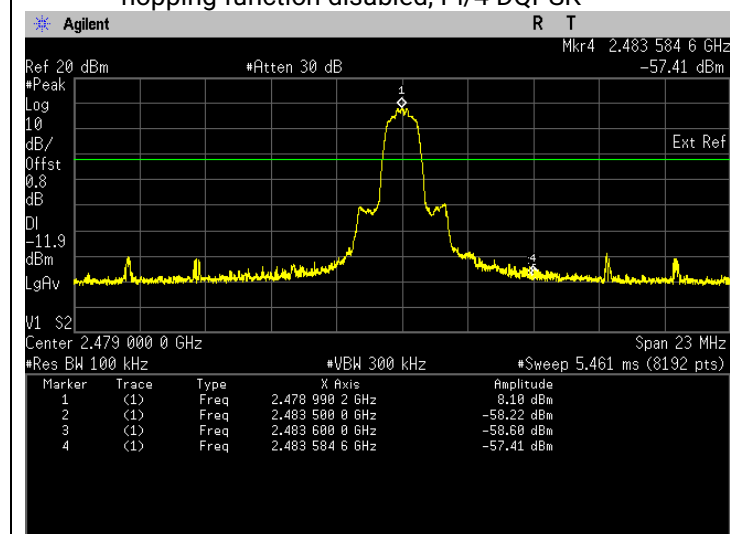
v. The highest band edge emission at 2402 MHz with hopping function disabled, Pi/4 DQPSK



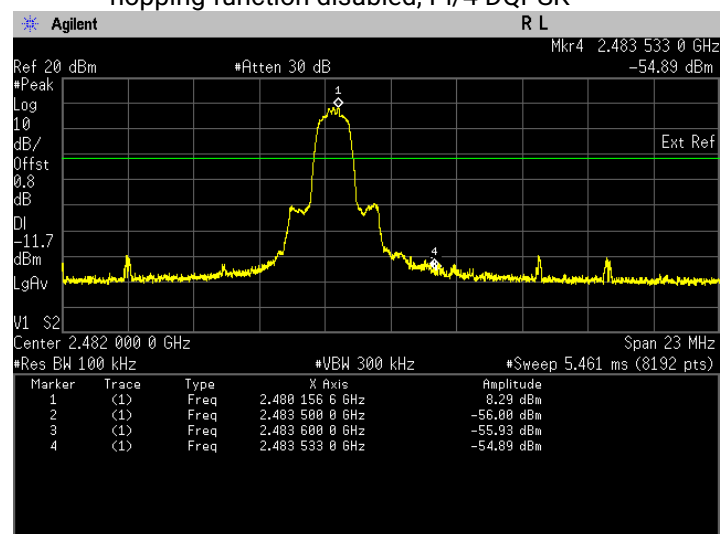
vi. The highest band edge emission at 2403 MHz with hopping function disabled, Pi/4 DQPSK



vii. The highest band edge emission at 2479 MHz with hopping function disabled, Pi/4 DQPSK

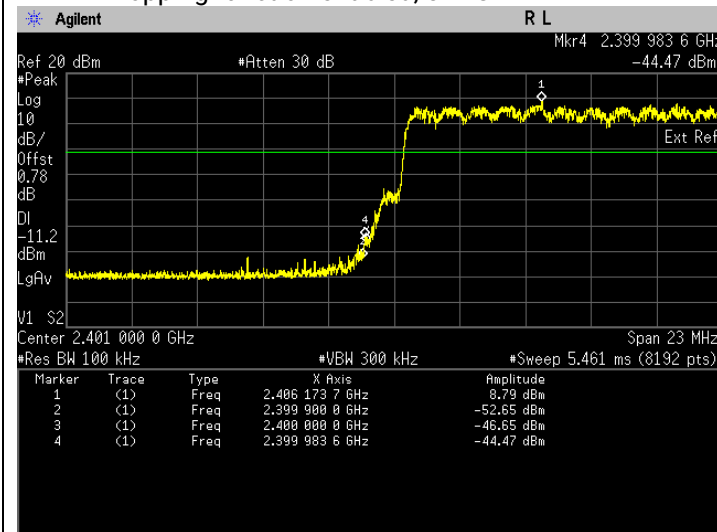


viii. The highest band edge emission at 2480 MHz with hopping function disabled, Pi/4 DQPSK

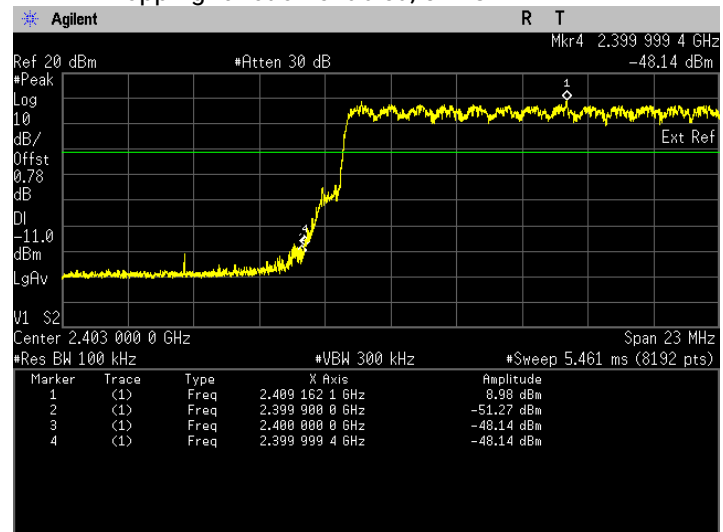


8DPSK Modulation:

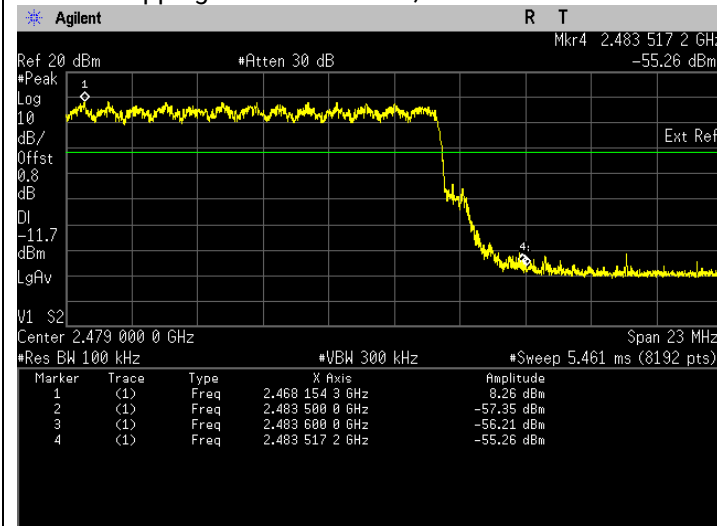
i. The highest band edge emission at 2402 MHz with hopping function enabled, 8DPSK



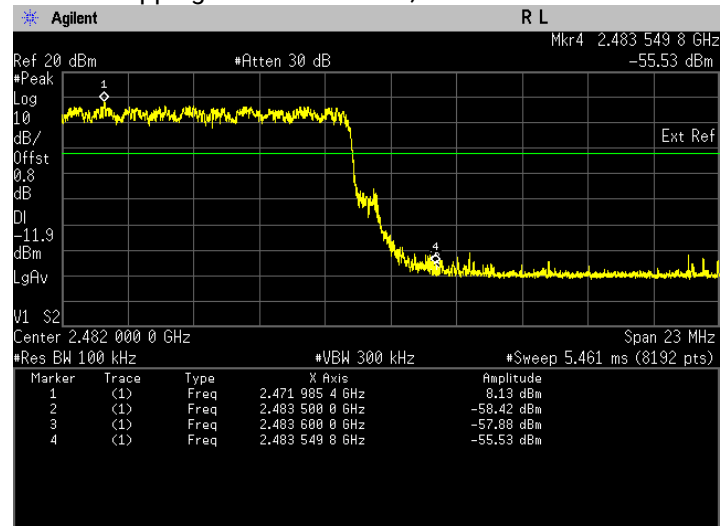
ii. The highest band edge emission at 2403 MHz with hopping function enabled, 8DPSK



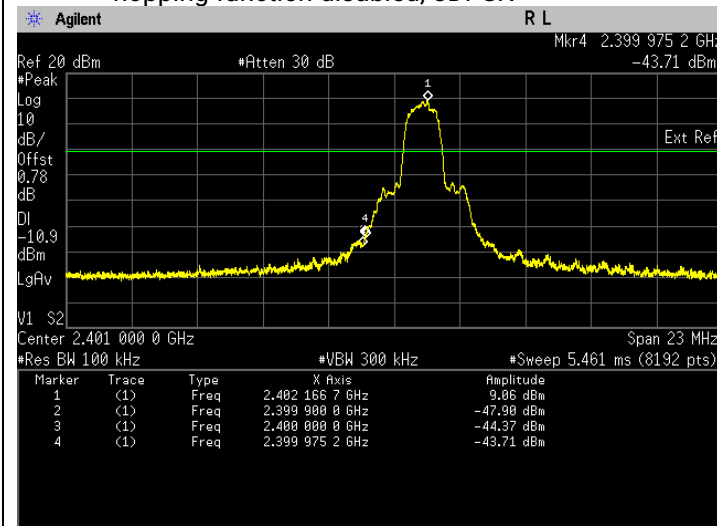
iii. The highest band edge emission at 2479 MHz with hopping function enabled, 8DPSK



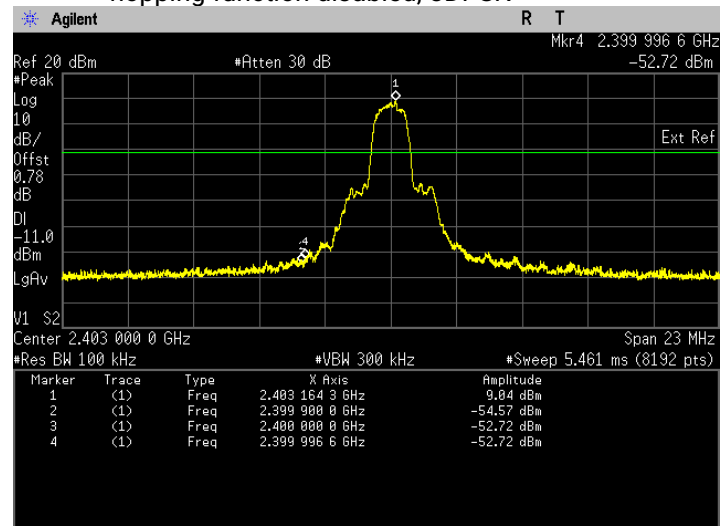
iv. The highest band edge emission at 2480 MHz with hopping function enabled, 8DPSK

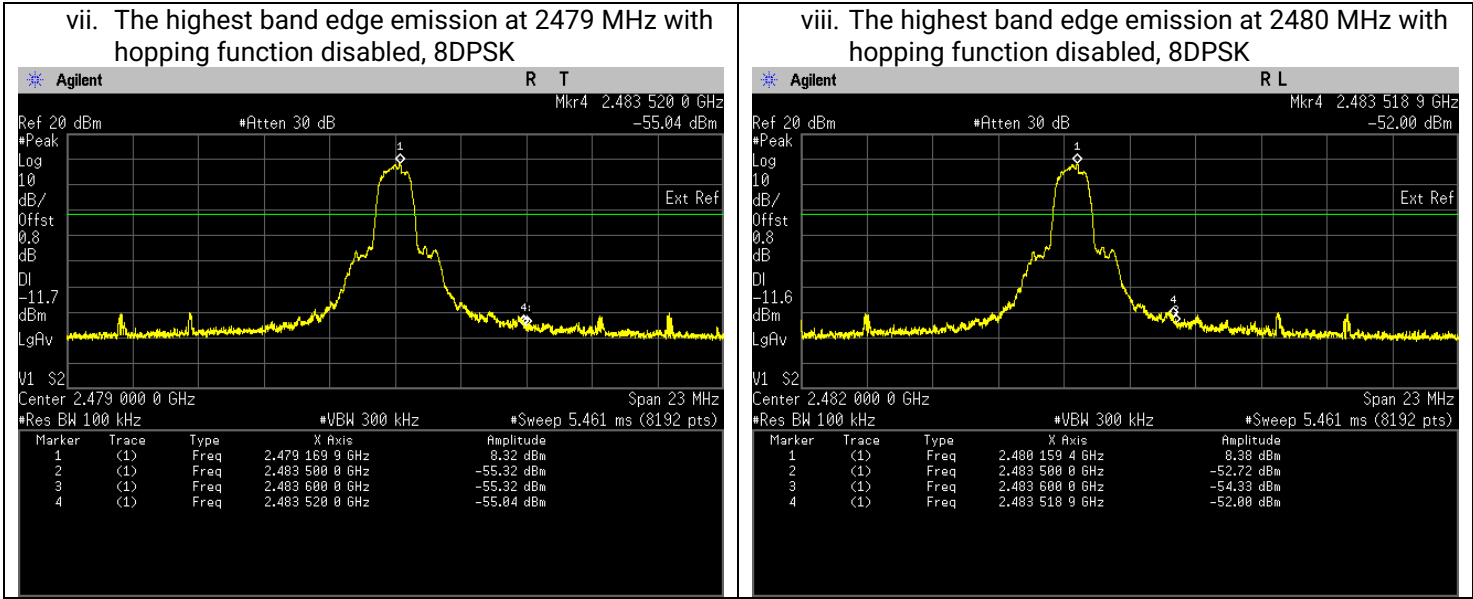


v. The highest band edge emission at 2402 MHz with hopping function disabled, 8DPSK



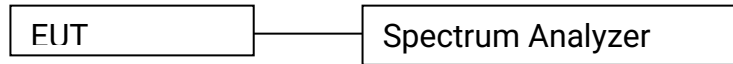
vi. The highest band edge emission at 2403 MHz with hopping function disabled, 8DPSK





6.4. Dwell time on each channel

6.4.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and keep the EUT in hopping mode.
- c) Connect EUT'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. SPAN = Zero SPAN, center on hopping frequency
 - d. Detector mode = Peak
 - e. Trace = Max hold
 - f. Sweep time = 5second
 - g. Sweep = Single
- e) Measure total numbers of transmissions occur in 5 second and save the plot.
- f) Change the setting of spectrum analyzer :
 - a. RBW = 100 kHz
 - b. VBW = 300 kHz
 - c. Sweep time = sufficient to capture dwell time for 1 transmission
 - d. Sweep = Single
- g) Measure dwell time for 1 transmission and save the plot.
- h) Calculate accumulate dwell time in a given period equal to number of hopping frequencies x 0.4
- i) Repeat above procedure with other different mode of operation.

6.4.2. Test Limits:

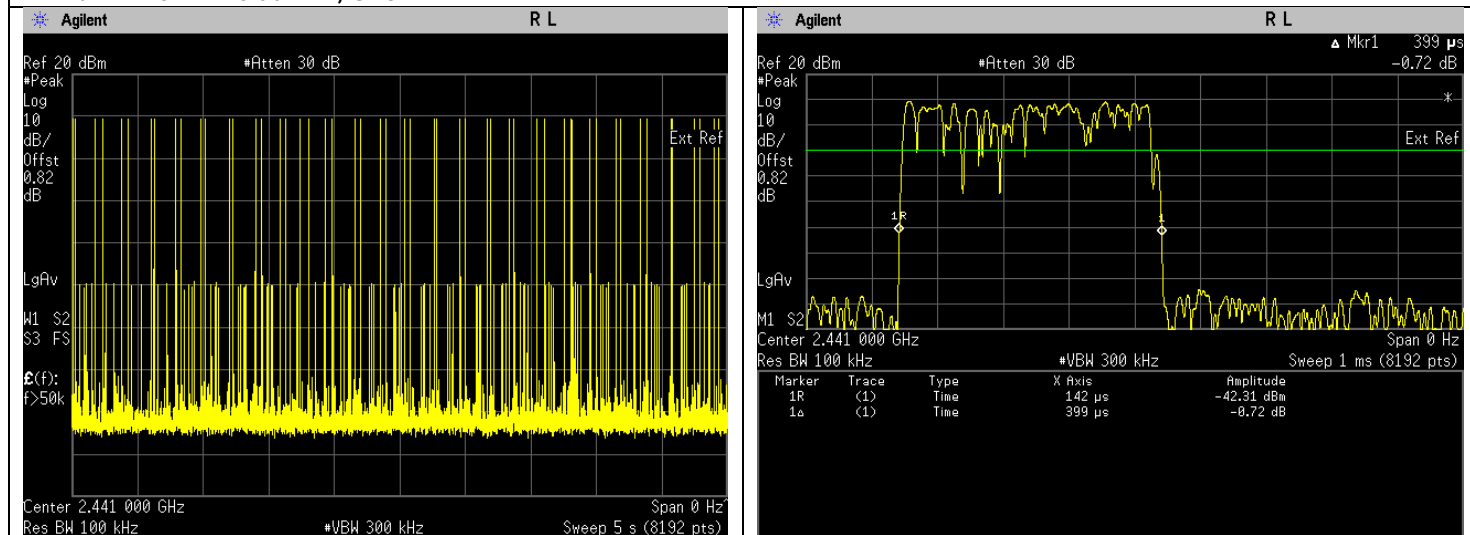
Normal Condition (25 ° C)
≤ 400ms

6.4.3. Test Result

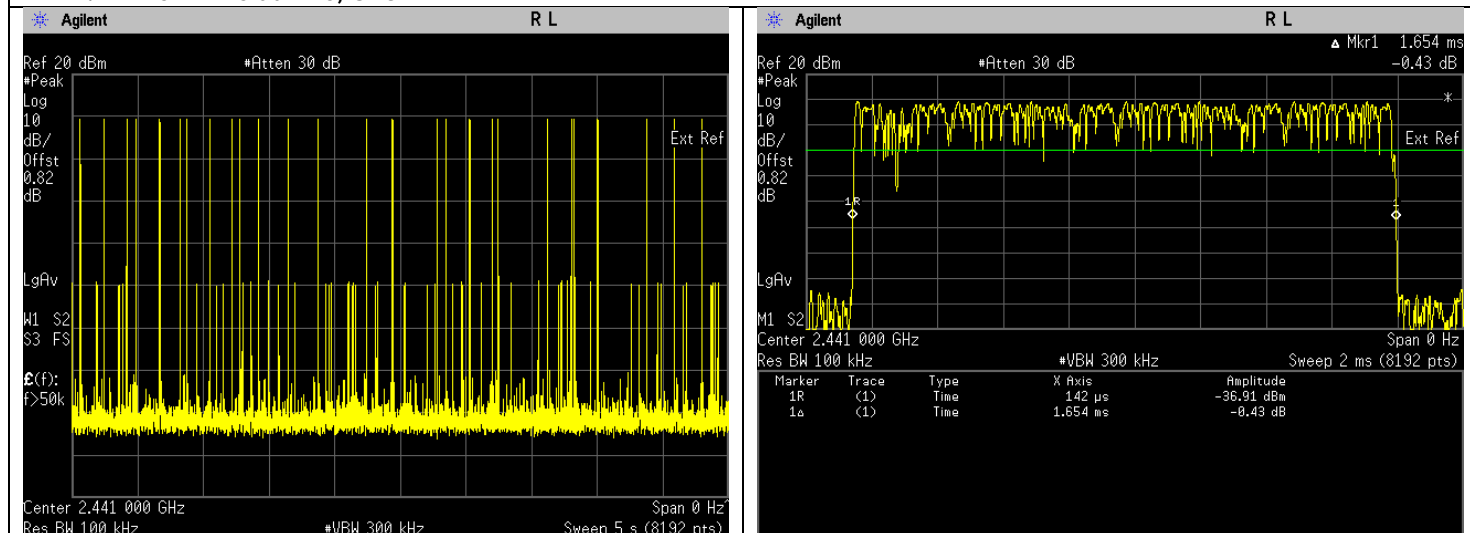
Test Conditions				Results			
Modulation	Voltage (V)	TX Frequency (MHz)	Data Package	No. of transmission in 5s (a)	Dwell time in one transmission (b)	Total accumulate dwell time in 31.6s. (c)	Status
GFSK	13.60	2441	DH1	53	0.399	133.649040	Pass
			DH3	28	1.654	292.691840	Pass
			DH5	19	2.903	348.592240	Pass
Pi/4 DQPSK	13.60	2441	DH1	52	0.402	132.113280	Pass
			DH3	29	1.653	302.961840	Pass
			DH5	18	2.901	330.017760	Pass
8 DPSK	13.60	2441	DH1	53	0.401	134.318960	Pass
			DH3	23	1.651	239.989360	Pass
			DH5	18	2.902	330.131520	Pass

****Note:** Total dwell time 31.6s (79Hopping*0.4), (c) = (a) x 6.32 x (b)

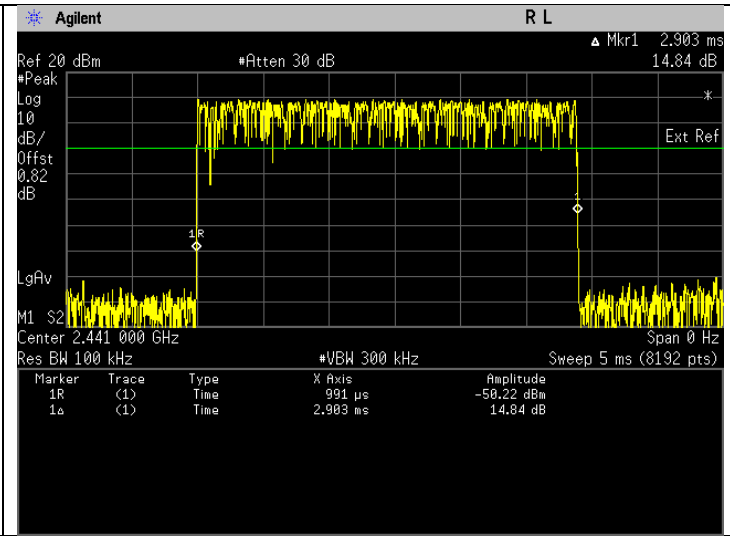
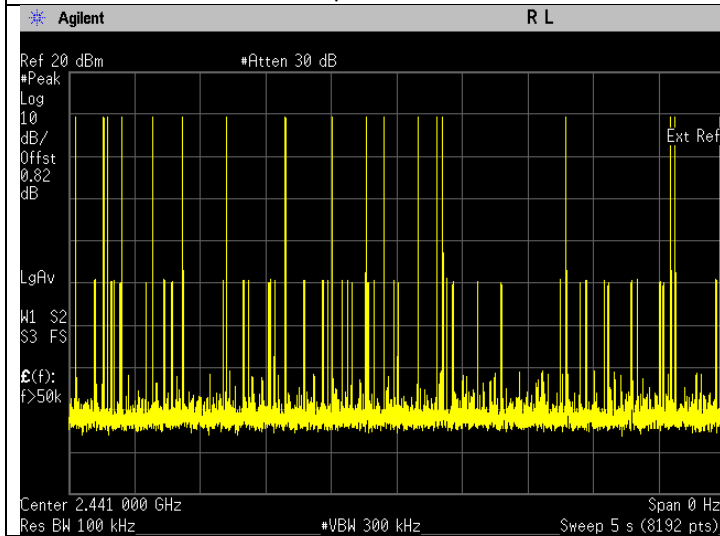
i. Dwell Time at DH1, GFSK



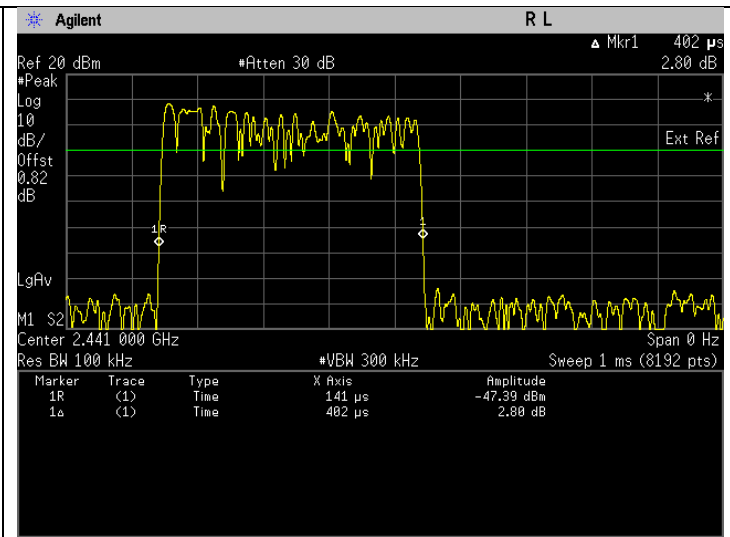
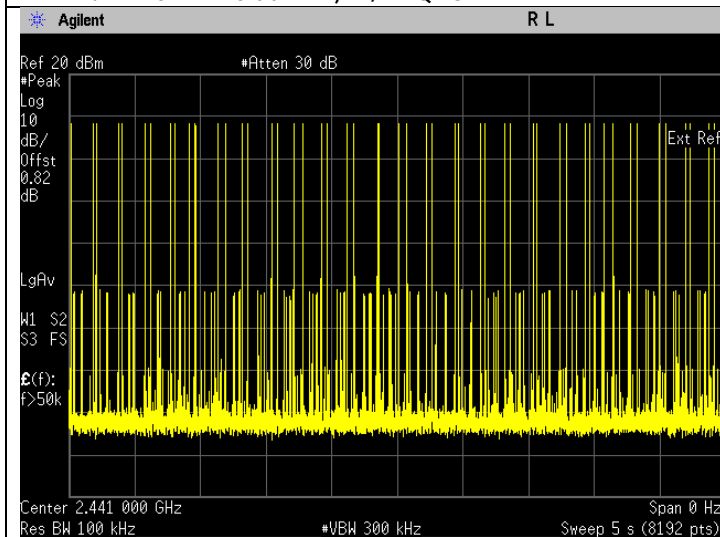
ii. Dwell Time at DH3, GFSK



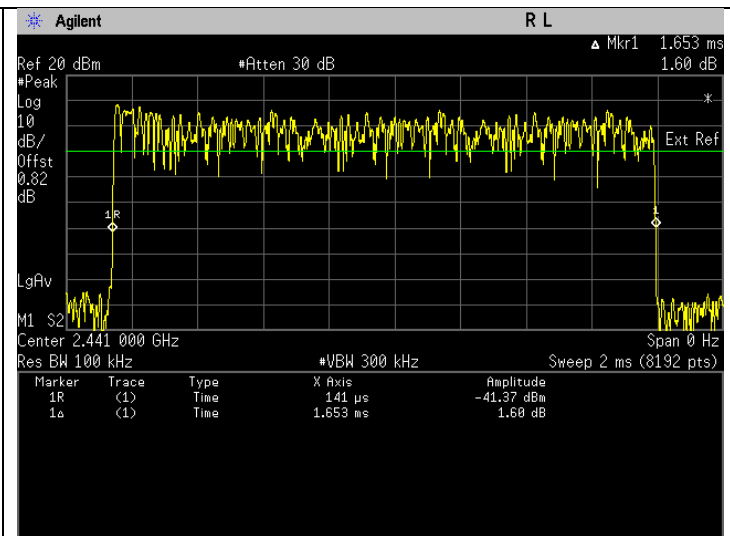
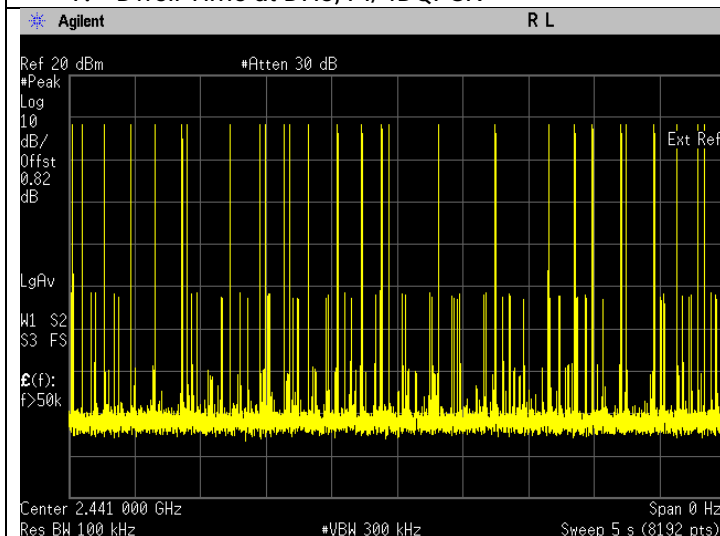
iii. Dwell Time at DH5, GFSK



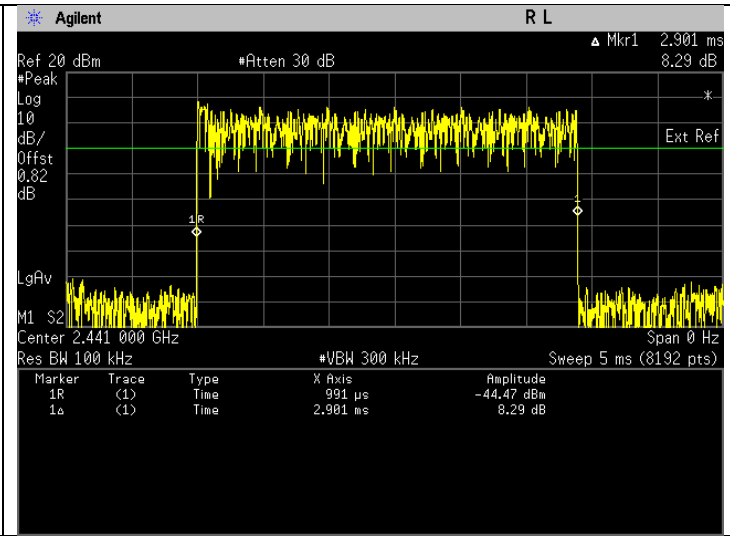
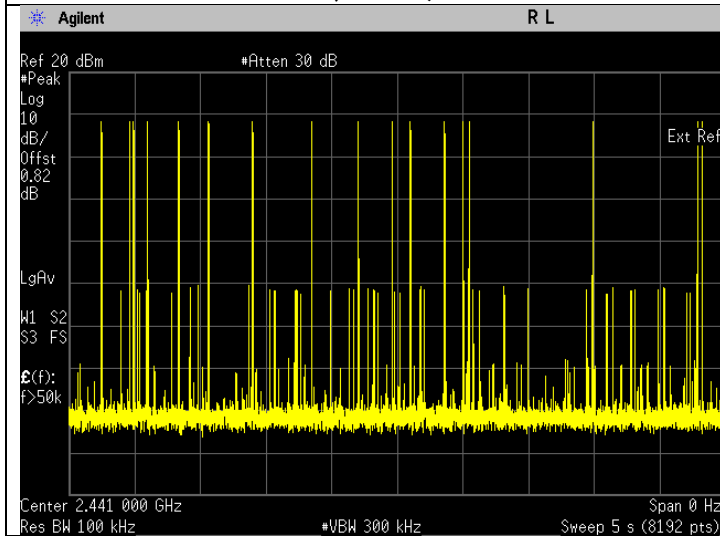
iv. Dwell Time at DH1, PI/4DQPSK



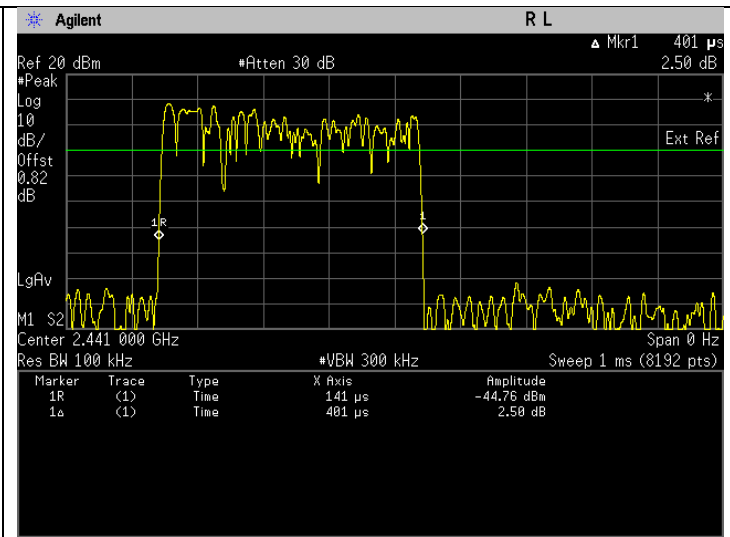
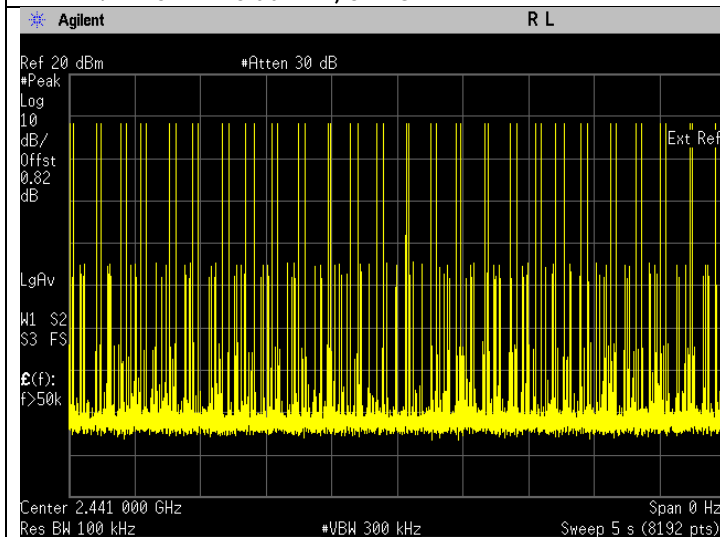
v. Dwell Time at DH3, PI/4DQPSK



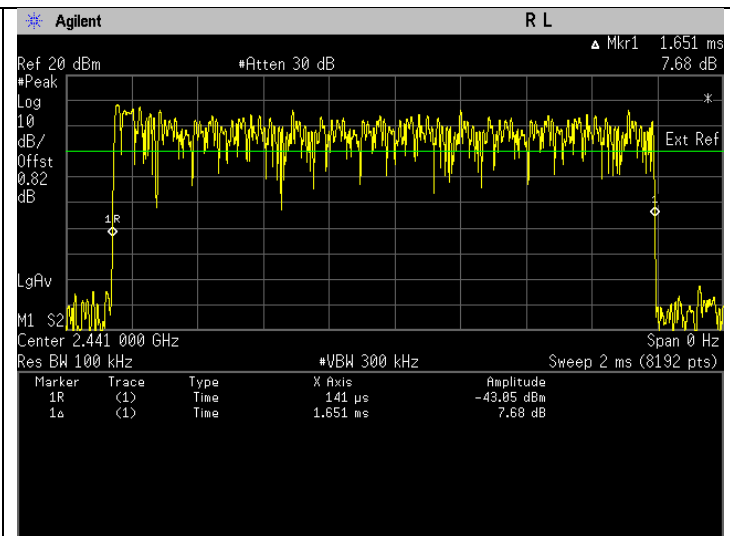
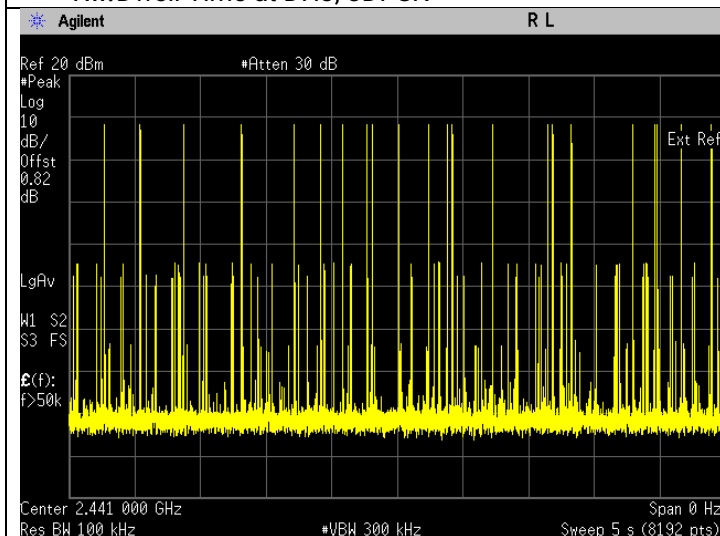
vi. Dwell Time at DH5, PI/4DQPSK



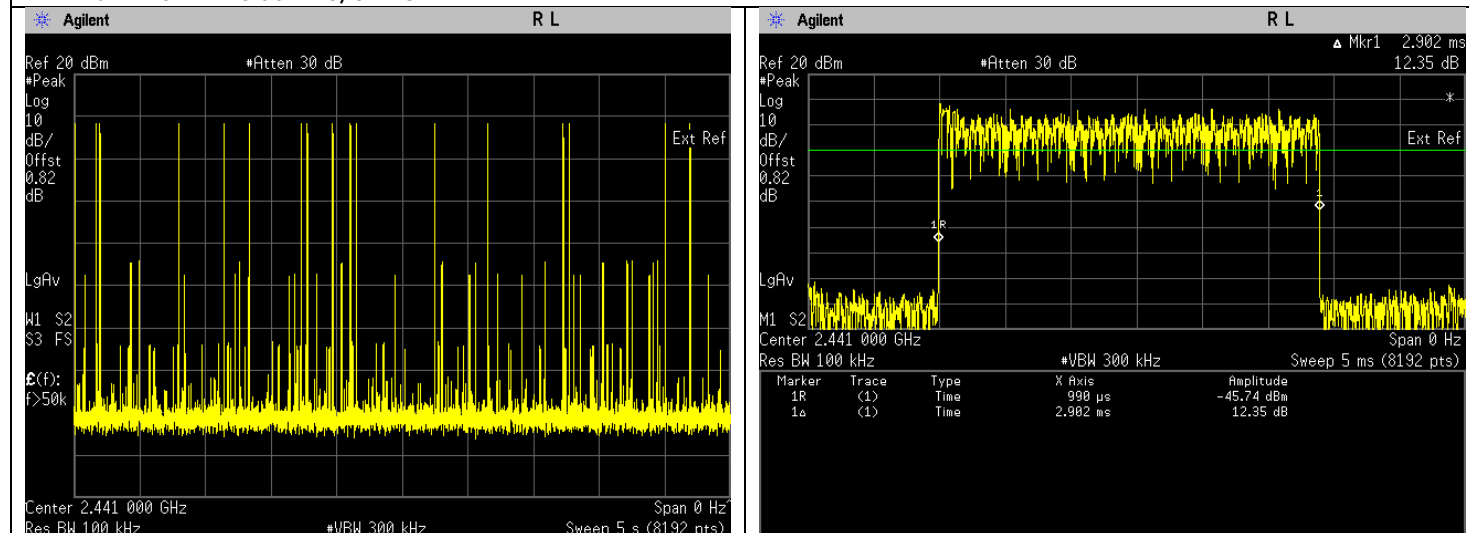
vii. Dwell Time at DH1, 8DPSK



viii. Dwell Time at DH3, 8DPSK

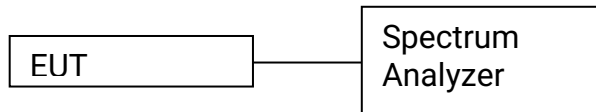


ix. Dwell Time at DH5, 8DPSK



6.5. Number of hopping Frequency

6.5.1. Test Setup



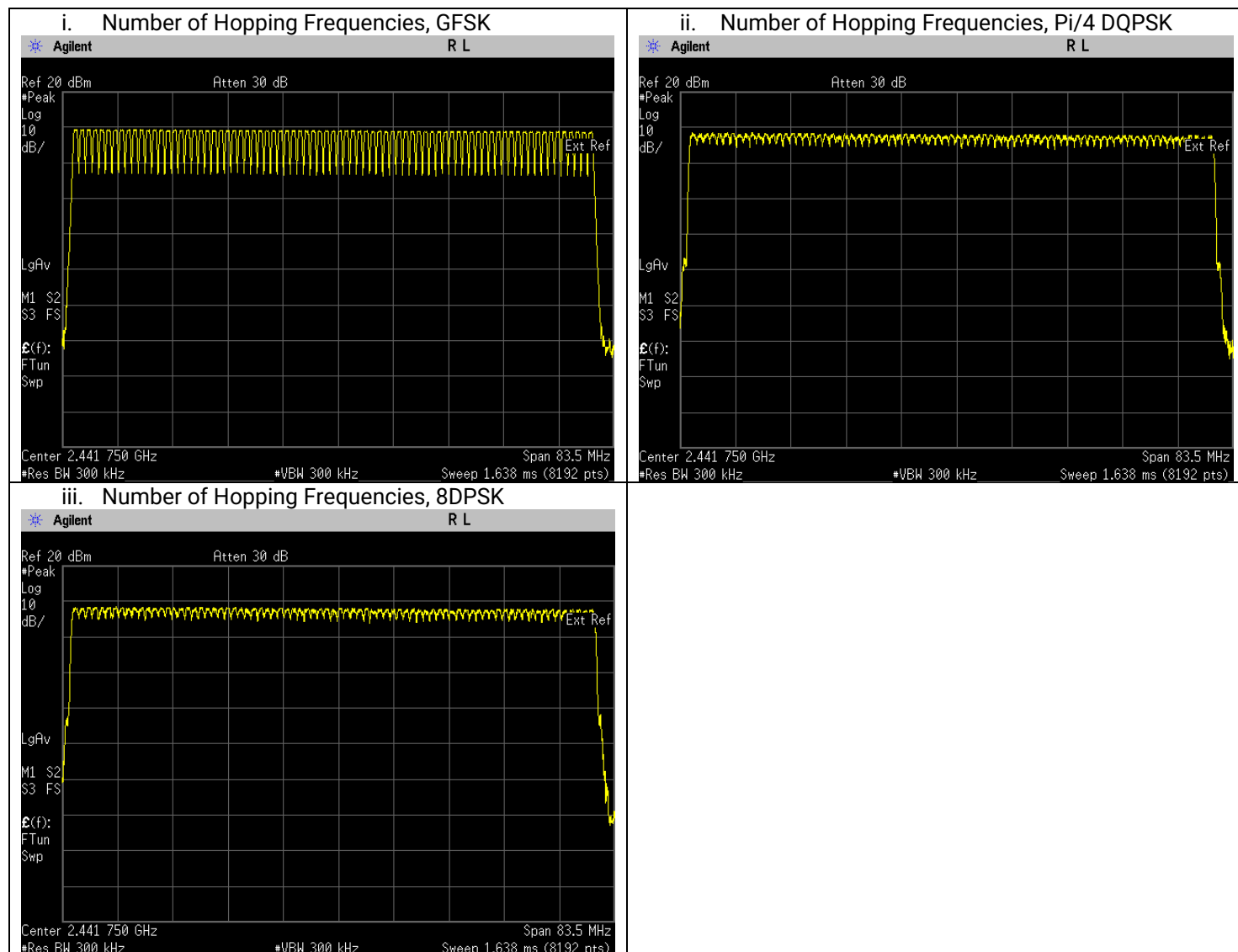
- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and keep the EUT in hopping mode.
- c) Connect EUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - a. RBW = 300 kHz
 - b. VBW = 300 kHz
 - c. Detector mode = Peak
 - d. Trace = Max hold
- e) Allow the trace to stabilized & save the plot result from spectrum analyzer screen.
- f) Count number of channel frequency in the operating.
- g) Repeat above procedure for other test frequency.

6.5.2. Test Limits:

Normal Condition (25 ° C)
≥ 15

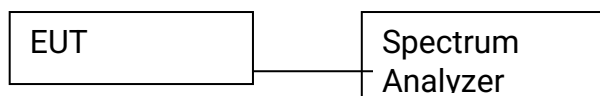
6.5.3. Test Result

Test Conditions			Results	
Modulation	Voltage(V)	Test Frequency (GHz)	No. of Hopping Frequencies	Status
GFSK	13.60	2.4020-2.4835	79	Pass
Pi/4DQPSK	13.60	2.4020-2.4835	79	Pass
8DPSK	13.60	2.4020-2.4835	79	Pass



6.6. Channel Separation

6.6.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and keep the EUT in hopping mode.
- c) Connect EUT's antenna terminal to spectrum analyzer with a low loss cable.
- d) Setting of Spectrum analyzer :
 - a. RBW = 300 kHz
 - b. VBW = 300 kHz
 - c. SPAN = 3 MHz, center on test frequency
 - d. AMPLITUDE → Scale/Div = 5 dB
 - e. Detector mode = Peak
 - f. Trace = Max hold
 - g. Sweep = auto
- e) Measure the frequency different of these two adjacent channels with marker delta function & record the measurement results.
- f) Repeat above procedure with other different mode of operation.

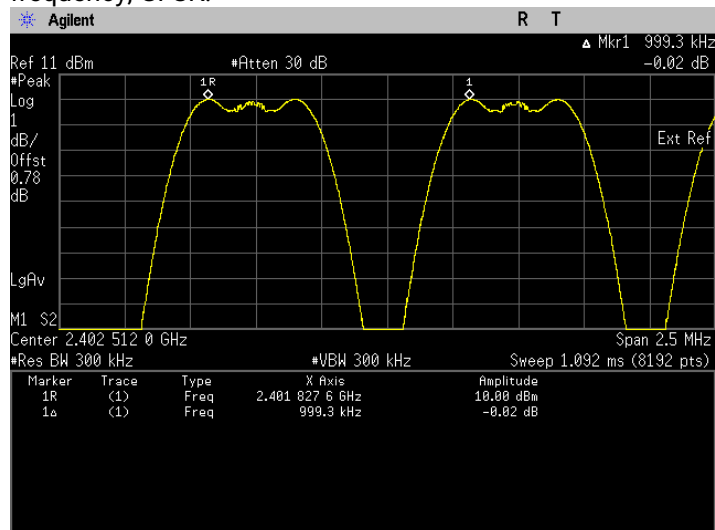
6.6.2. Test Limits:

Normal Condition (25 ° C)
≥ 2/3 of 20dB Bandwidth

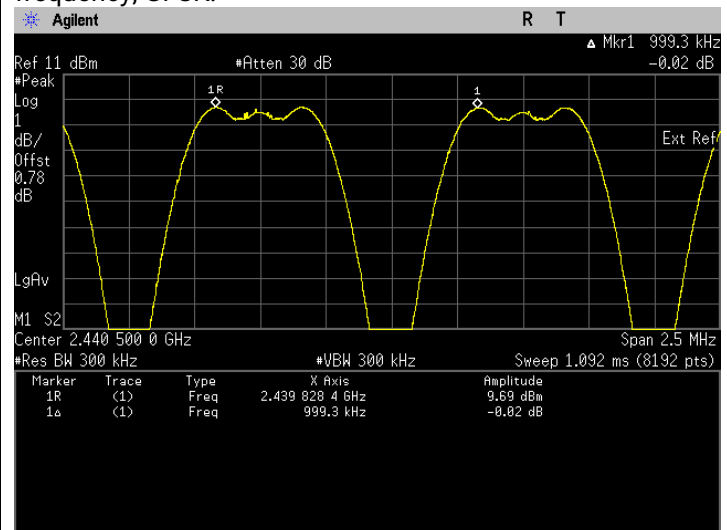
6.6.3. Test Result

Test Conditions			Results			
Modulation	Voltage(V)	Test Frequency (GHz)	Adjacent Channel Separation (MHz)	20dB Bandwidth (MHz)	2/3 of 20dB Bandwidth (kHz)	Status
GFSK	13.60	2.4020	0.999	0.961	640.667	Pass
		2.4410	0.999	0.963	642.000	Pass
		2.4800	1.000	0.959	639.333	Pass
Pi/4DQPSK	13.60	2.4020	1.000	1.336	890.667	Pass
		2.4410	1.001	1.337	891.333	Pass
		2.4800	1.001	1.338	892.000	Pass
8DPSK	13.60	2.4020	0.999	1.310	873.333	Pass
		2.4410	0.999	1.309	872.667	Pass
		2.4800	1.001	1.310	873.333	Pass

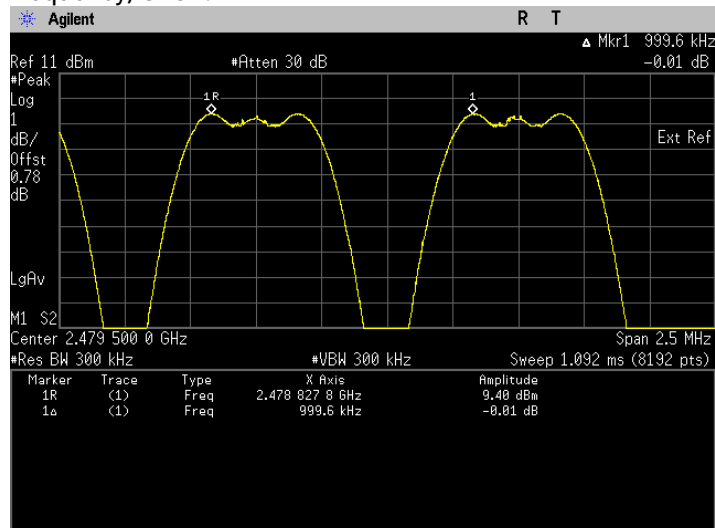
The Conducted RF Output Power test with result at low frequency, GFSK.



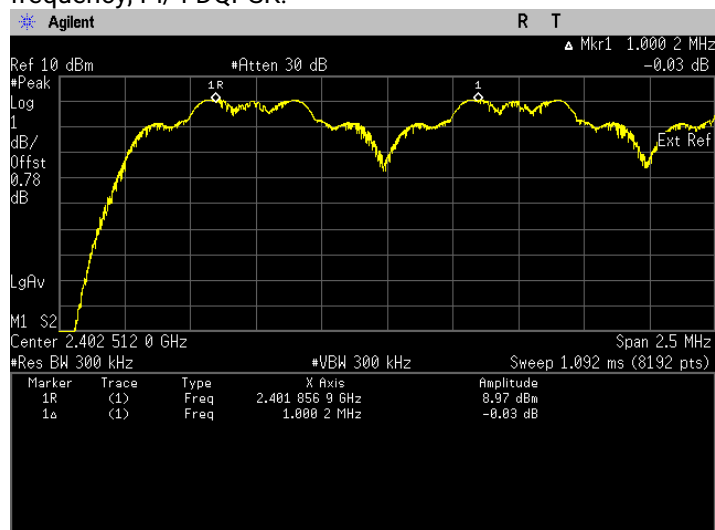
The Conducted RF Output Power test with result at mid frequency, GFSK.



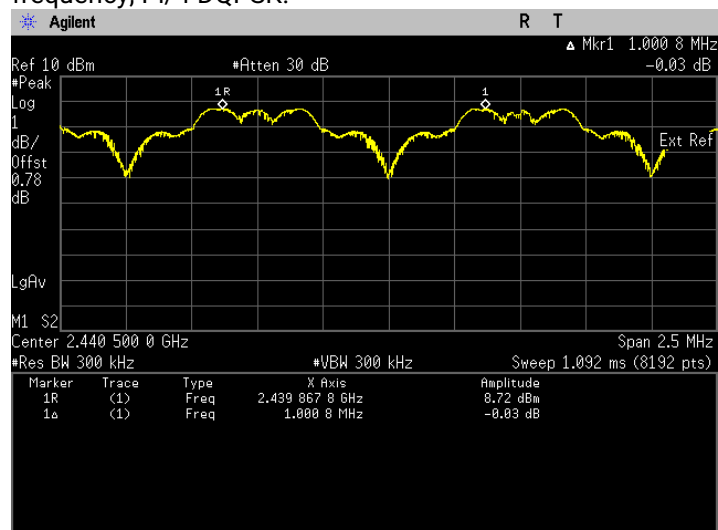
The Conducted RF Output Power test with result at high frequency, GFSK.



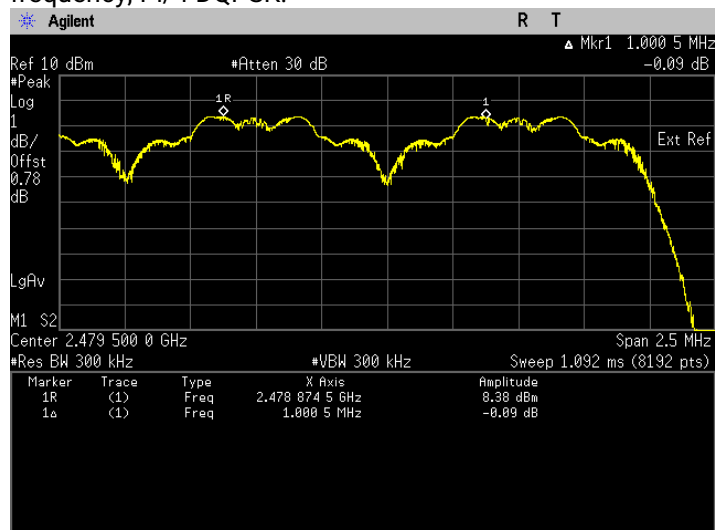
The Conducted RF Output Power test with result at low frequency, Pi/4 DQPSK.



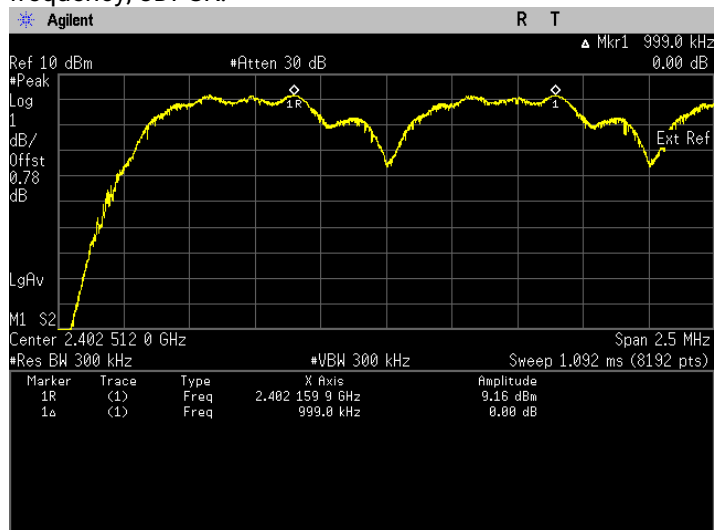
The Conducted RF Output Power test with result at mid frequency, Pi/4 DQPSK.



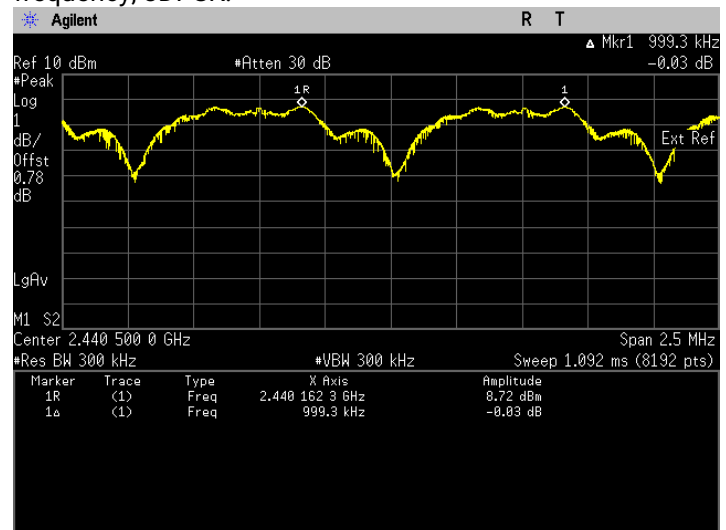
The Conducted RF Output Power test with result at high frequency, Pi/4 DQPSK.



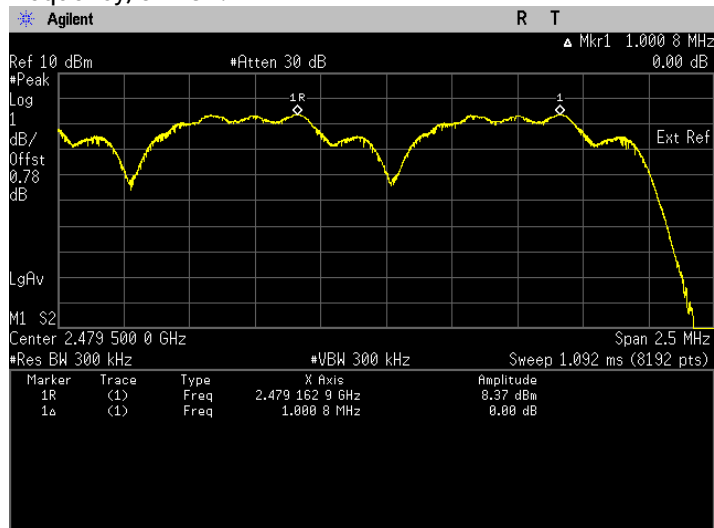
The Conducted RF Output Power test with result at low frequency, 8DPSK.



The Conducted RF Output Power test with result at mid frequency, 8DPSK.

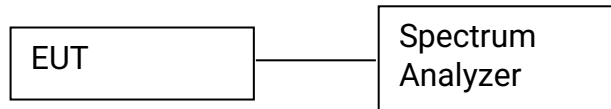


The Conducted RF Output Power test with result at high frequency, 8DPSK.



6.7. Conducted Spurious Emission

6.7.1. Test Setup



- a) Check and ensure the spectrum analyzer well calibrate.
- b) Turn on the EUT and set EUT to transmit maximum data rate with hopping disable.
- c) Connect EUT'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. SPAN = Cover until 10th harmonic
 - d. Detector mode = Peak
 - e. AMPLITUDE → Scale/Div = 10 dB
 - f. Trace = Max hold
 - g. Sweep = auto
- e) Measure the captured spurious emission result and recording the plot.
- f) Repeat above procedure with other different mode of operation.

6.7.2. Test Limits:

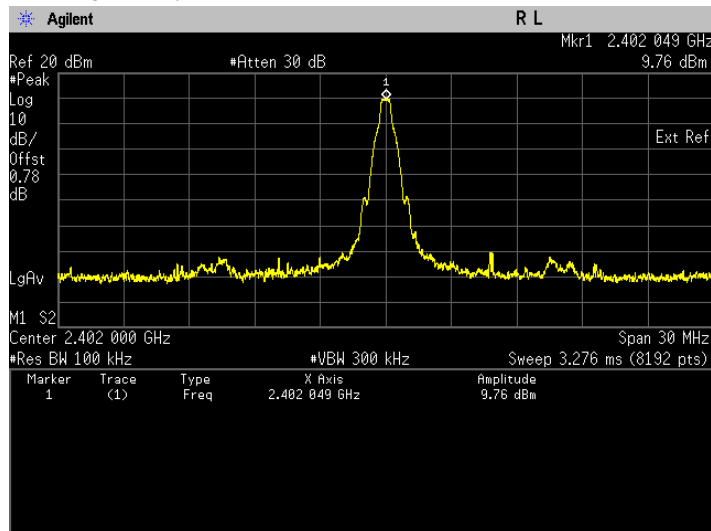
Normal Condition (25 ° C)
Shall be at least 20 dB below for peak power.

6.7.3. Test Data:

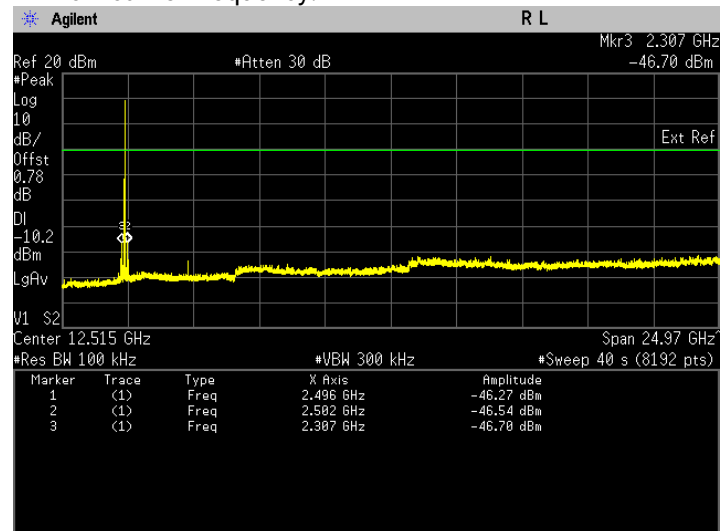
Test Conditions			Results		
Modulation	Voltage(V)	Test Frequency (GHz)	Spurs (MHz)	Level (dBm)	Status
GFSK	13.60	2.4020	2496.000	-46.266	Pass
		2.4030	2304.000	-46.480	Pass
		2.4410	2338.000	-45.579	Pass
		2.4790	2374.000	-45.400	Pass
		2.4800	2585.000	-45.908	Pass
Pi/4 DQPSK	13.60	2.4020	2499.000	-47.732	Pass
		2.4030	2502.000	-47.240	Pass
		2.4410	2338.000	-48.472	Pass
		2.4790	24805.000	-50.580	Pass
		2.4800	2383.000	-49.371	Pass
8DPSK	13.60	2.4020	2554.000	-49.008	Pass
		2.4030	2304.000	-49.190	Pass
		2.4410	2542.000	-50.276	Pass
		2.4790	2374.000	-50.110	Pass
		2.4800	24707.000	-51.363	Pass

GFSK Modulation:

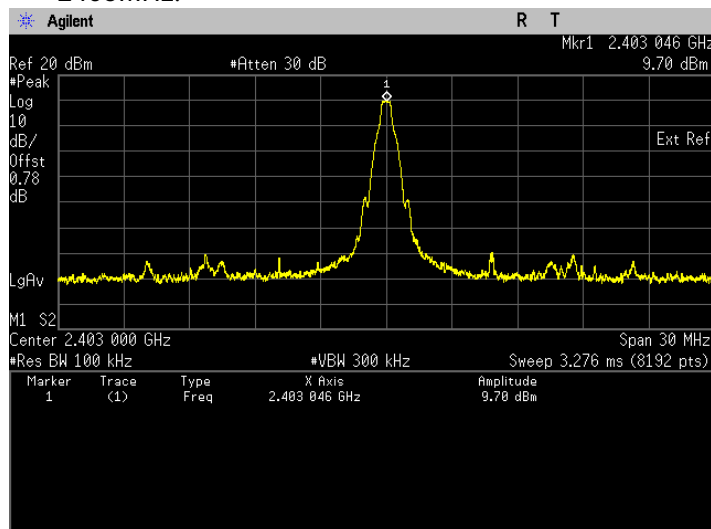
- The high emission level within the assigned band at 2402MHz.



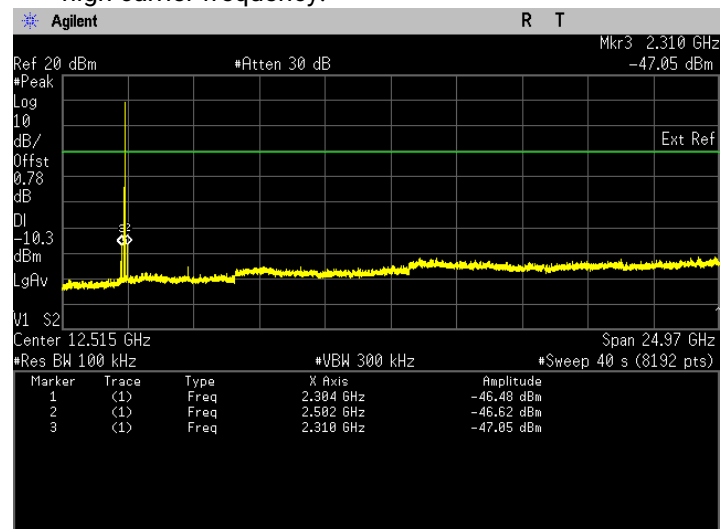
- Spurious emission measurement in 30MHz – 25GHz at low carrier frequency.



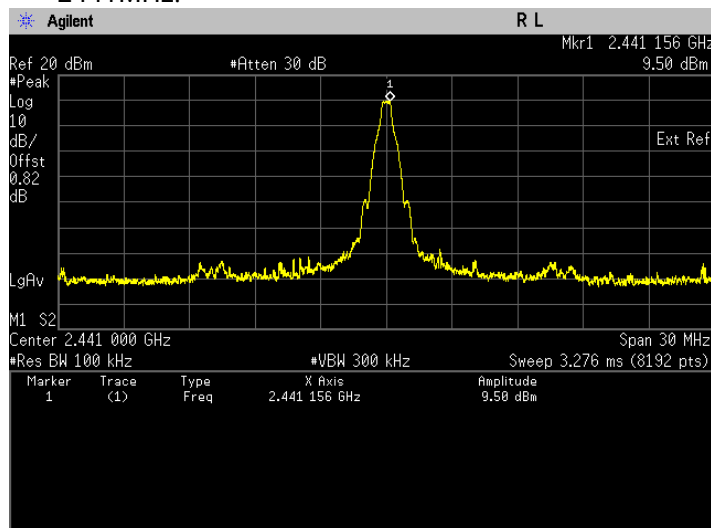
- The high emission level within the assigned band at 2403MHz.



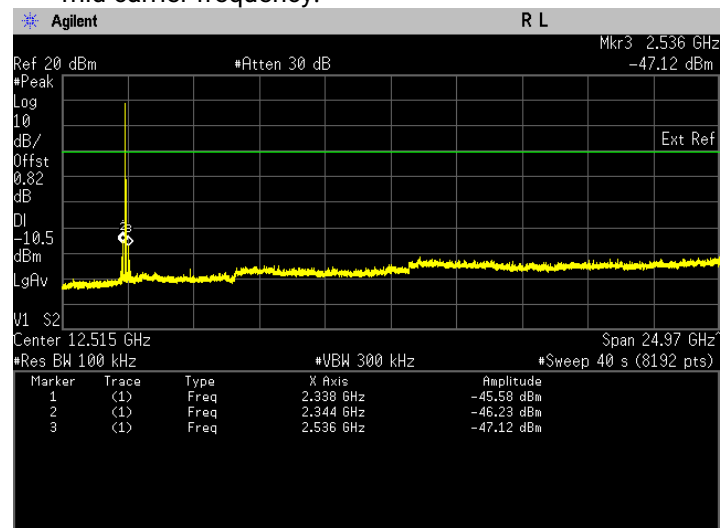
- Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.



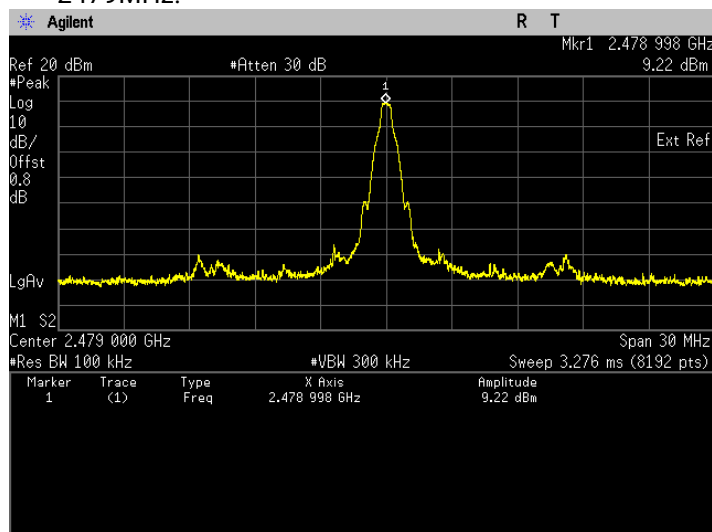
- The high emission level within the assigned band at 2441MHz.



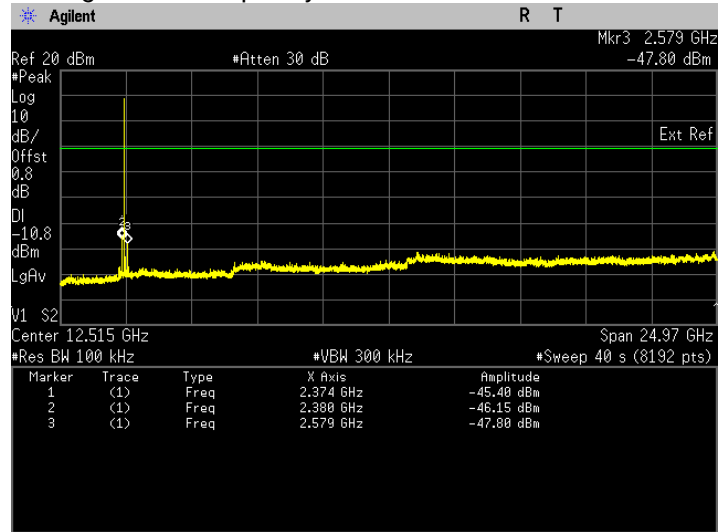
- Spurious emission measurement in 30MHz – 25GHz at mid carrier frequency.



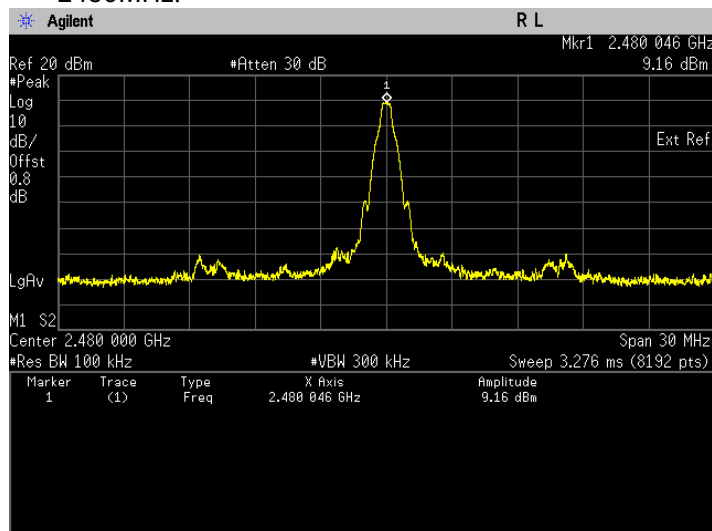
- The high emission level within the assigned band at 2479MHz.



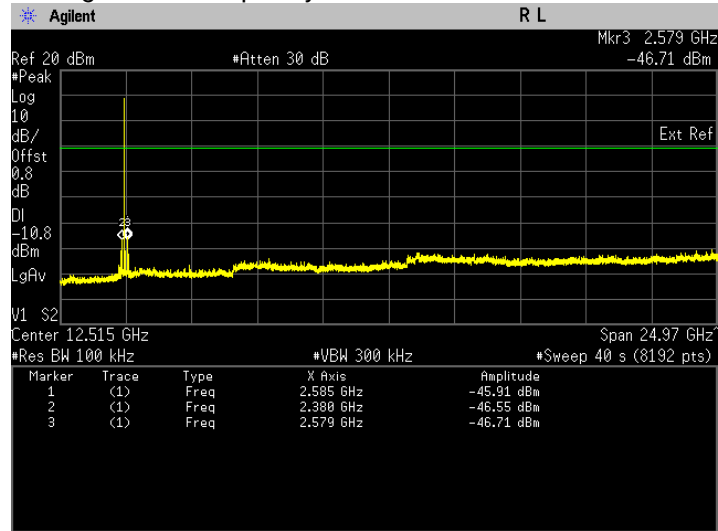
- Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.



- The high emission level within the assigned band at 2480MHz.

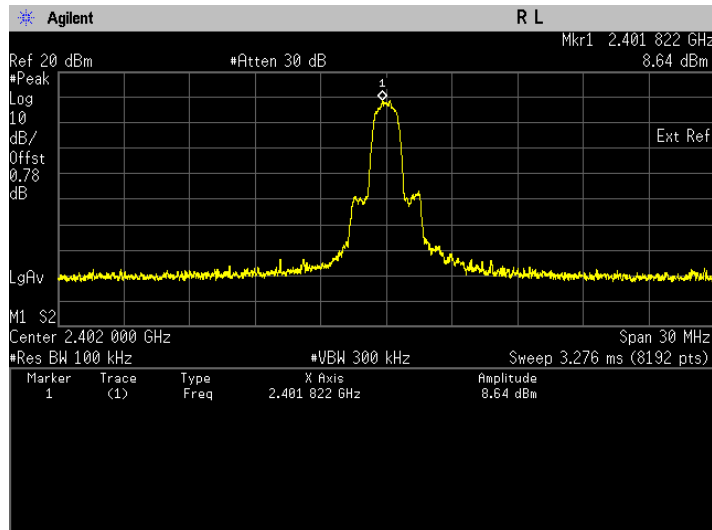


- Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.

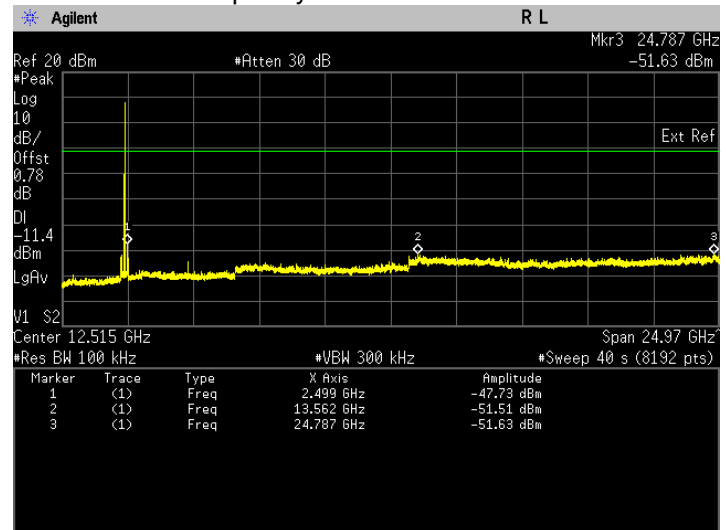


Pi/4 DQPSK Modulation:

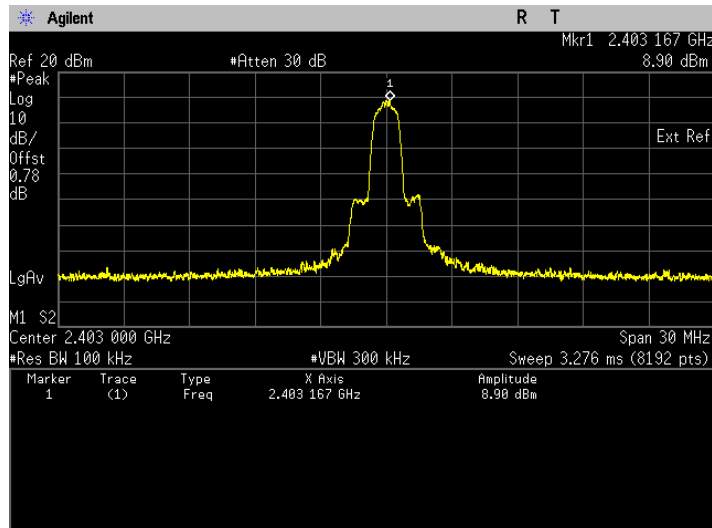
- The high emission level within the assigned band at 2402MHz.



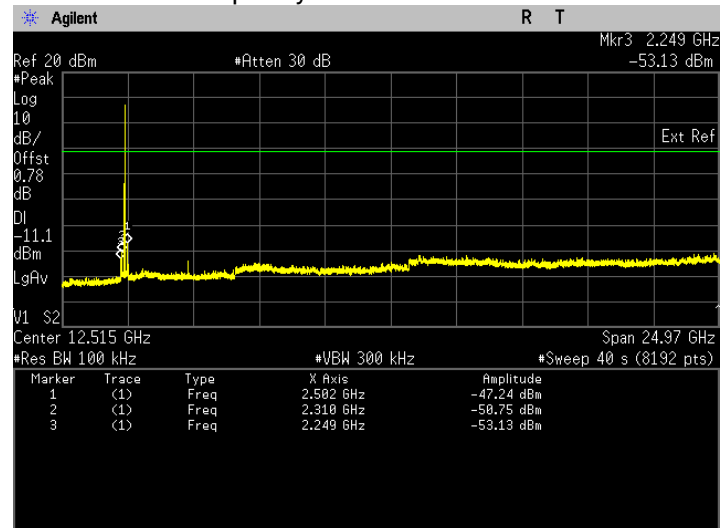
- Spurious emission measurement in 30MHz – 25GHz at low carrier frequency.



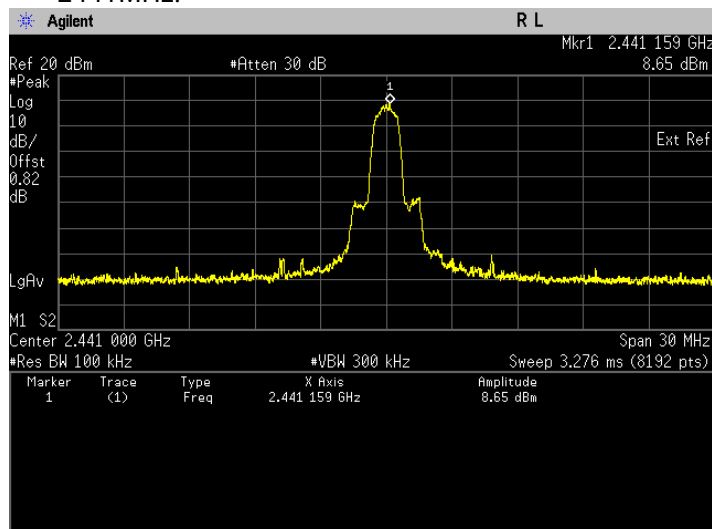
- The high emission level within the assigned band at 2403MHz.



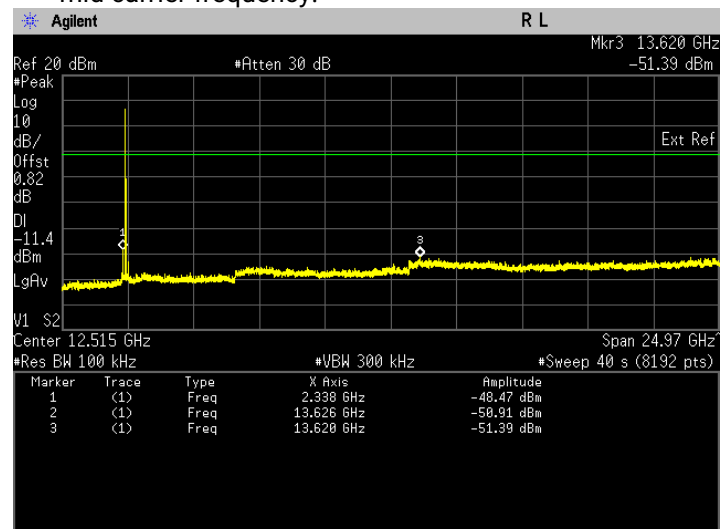
- Spurious emission measurement in 30MHz – 25GHz at low carrier frequency.



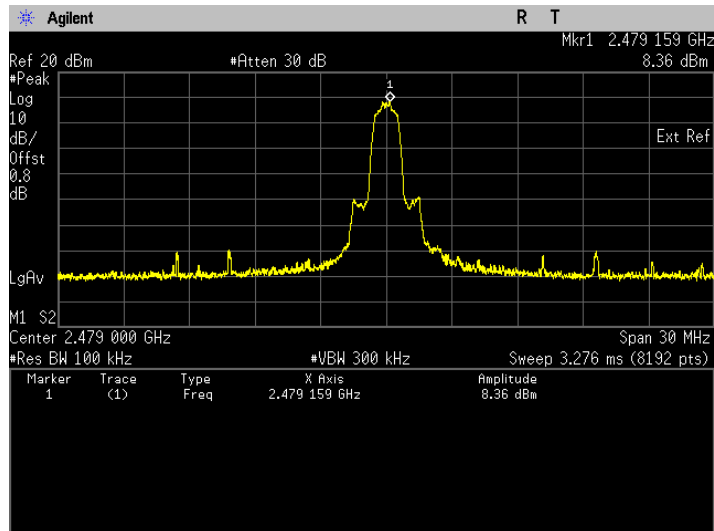
- The high emission level within the assigned band at 2441MHz.



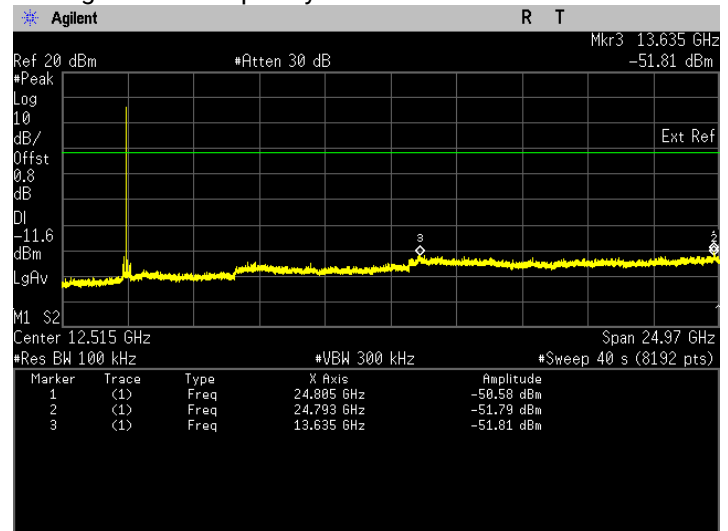
- Spurious emission measurement in 30MHz – 25GHz at mid carrier frequency.



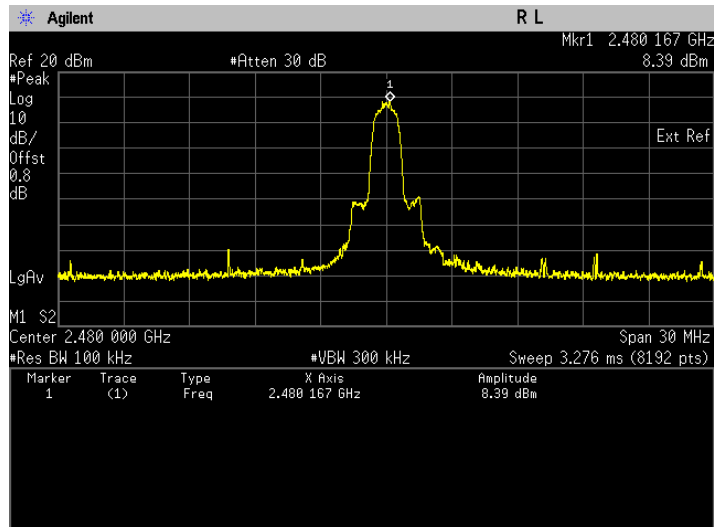
- The high emission level within the assigned band at 2479MHz.



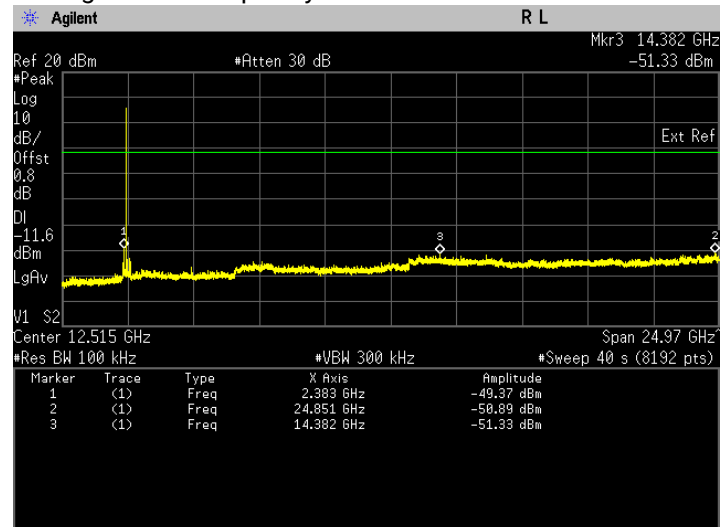
- Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.



- The high emission level within the assigned band at 2480MHz.

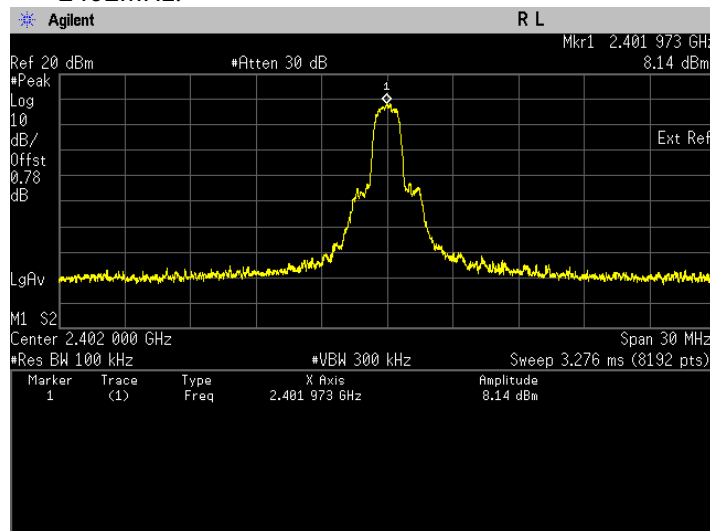


- Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.

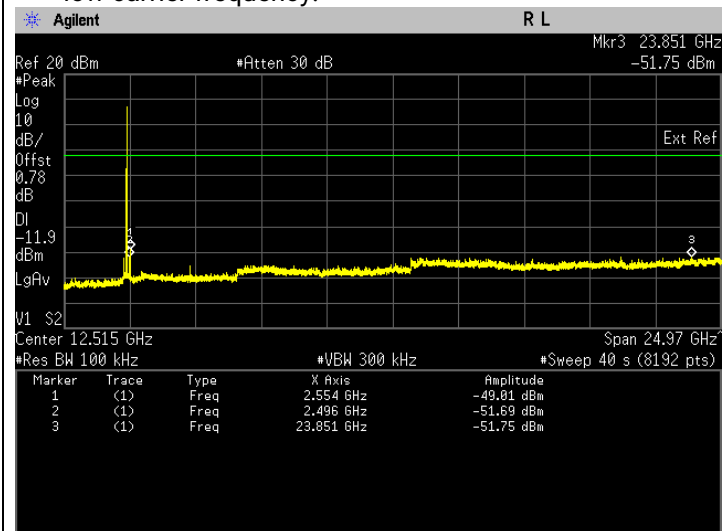


8DPSK Modulation:

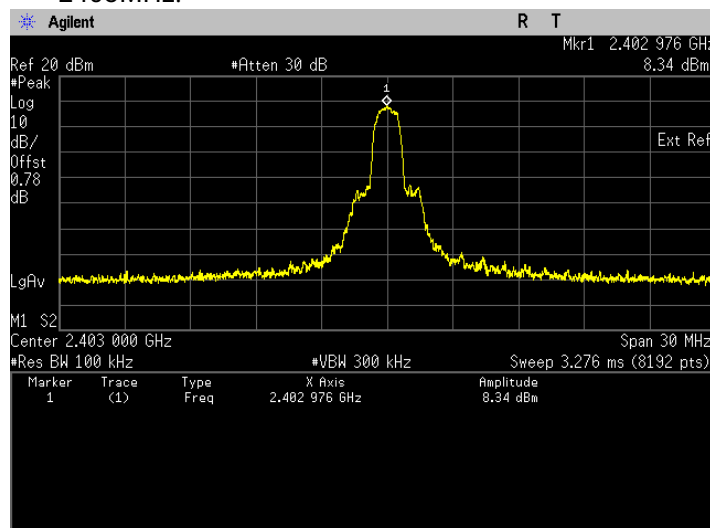
i. The high emission level within the assigned band at 2402MHz.



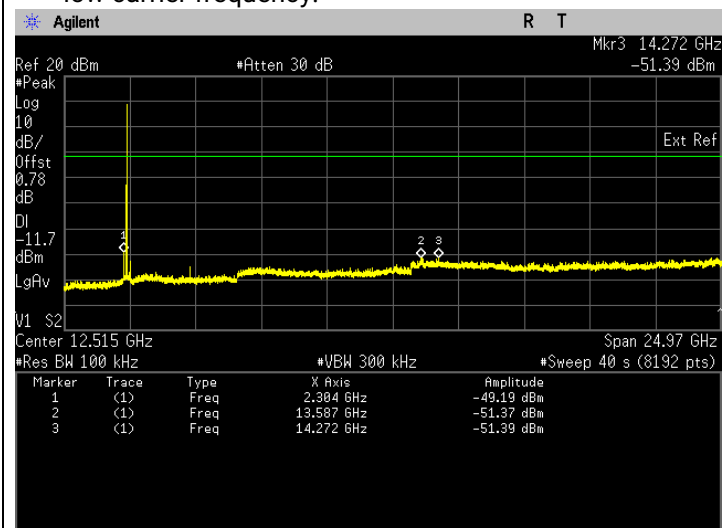
ii. Spurious emission measurement in 30MHz – 25GHz at low carrier frequency.



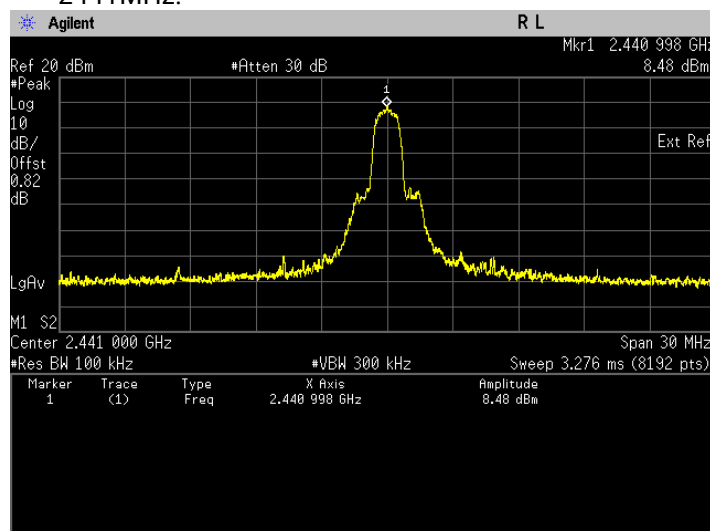
iii. The high emission level within the assigned band at 2403MHz.



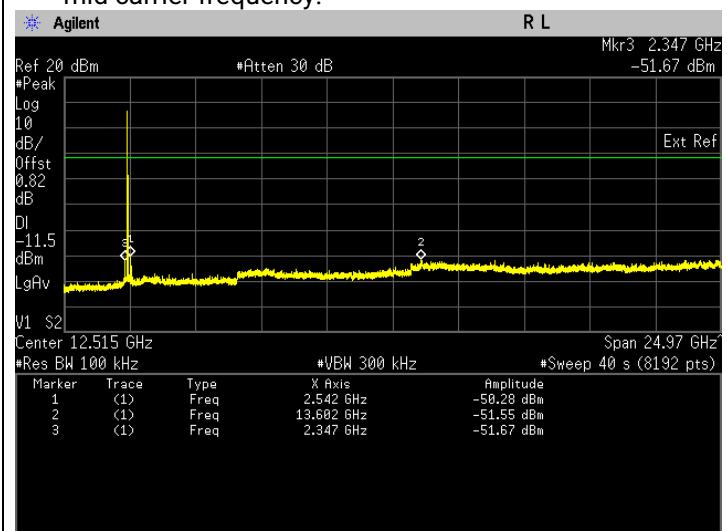
iv. Spurious emission measurement in 30MHz – 25GHz at low carrier frequency.



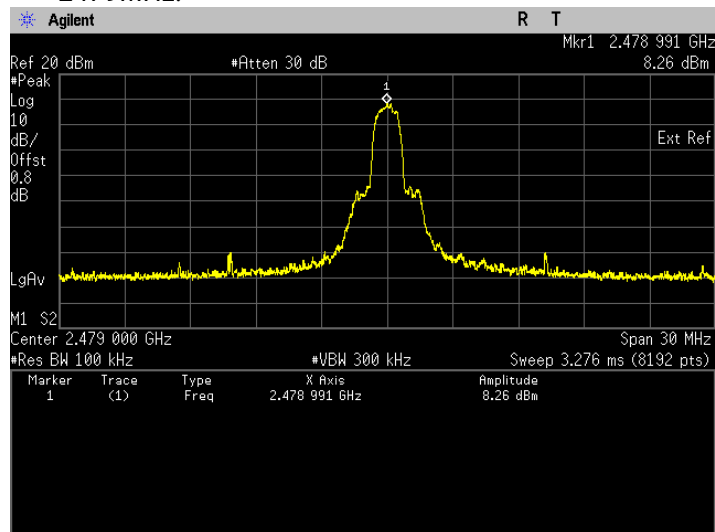
v. The high emission level within the assigned band at 2441MHz.



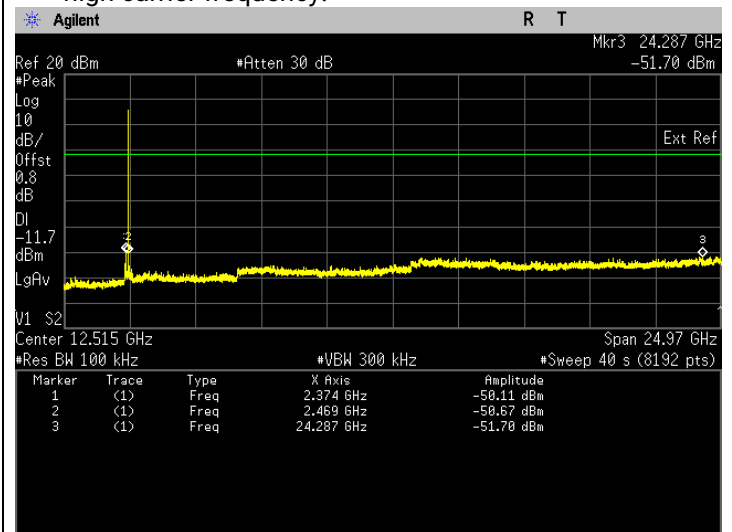
vi. Spurious emission measurement in 30MHz – 25GHz at mid carrier frequency.



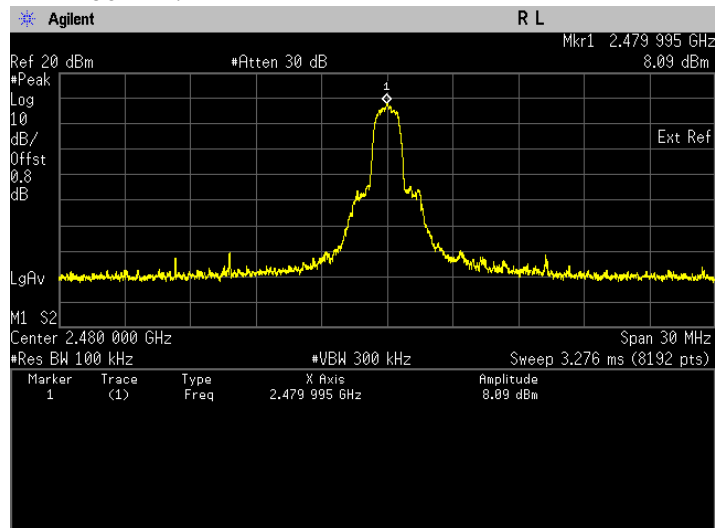
vii. The high emission level within the assigned band at 2479MHz.



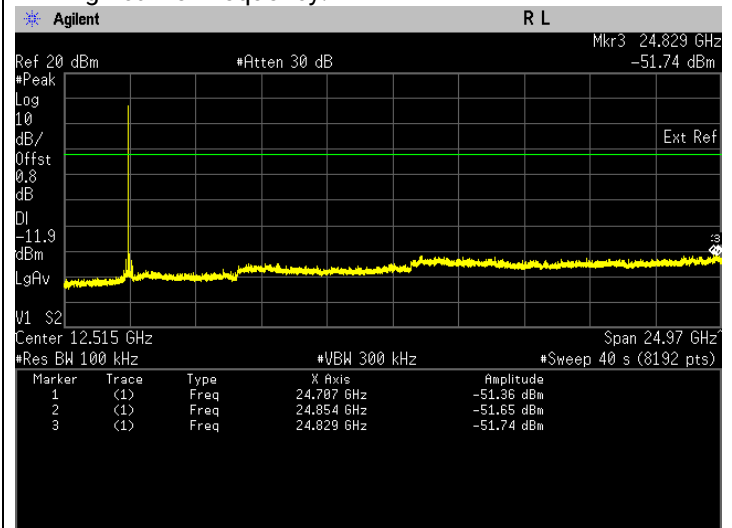
viii. Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.



ix. The high emission level within the assigned band at 2480MHz.

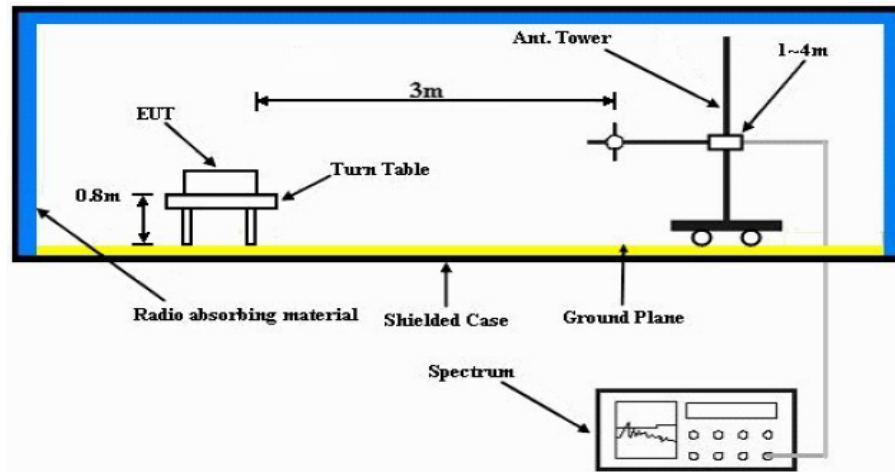


x. Spurious emission measurement in 30MHz – 25GHz at high carrier frequency.



6.8. Radiated Emission within restricted Bands

6.8.1. 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:

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

6.8.2. 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(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

NOTE:

- The lower limit shall apply at the transition frequencies.
- Emission level (dBuV/m) = 20 log Emission level (uV/m).
- 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.

6.8.3. Test Data:

SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - 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	2310.1200	50.93 *	74.00	23.07
Horizontal	Peak	2310.5990	49.90 *	74.00	24.10
Vertical	Average	2310.8390	43.96	54.00	10.04
Vertical	Average	2390.0000	36.08	54.00	17.92
Horizontal	Average	2390.0000	34.88	54.00	19.12
Vertical	Peak	2390.0000	46.70 *	74.00	27.30
Horizontal	Peak	2390.0000	45.79 *	74.00	28.21

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 3 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

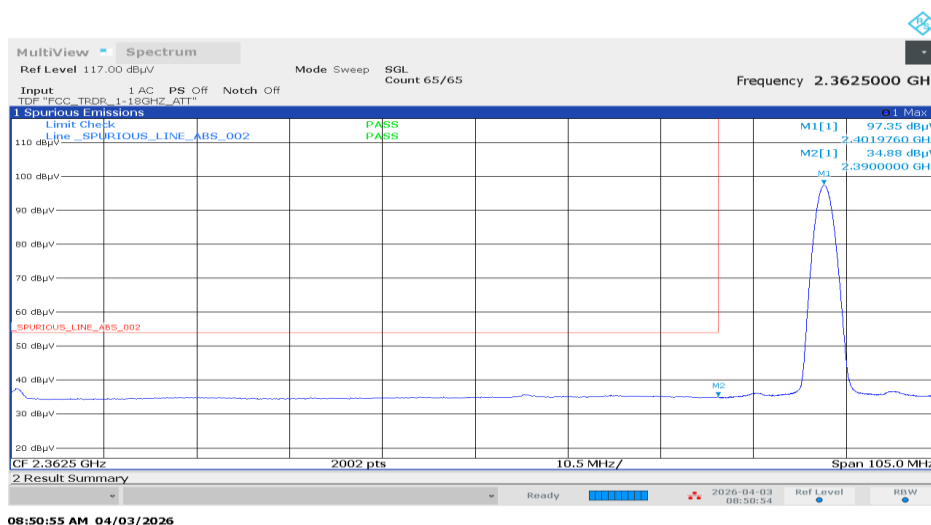
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 (Average,Horizontal)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01
Test Mode : BT - GFSK Channel SP/Bandwidth (kHz) : 1000.0000
Test Frequency (MHz) : 2480.0000 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	Average	2483.5000	39.89	54.00	14.11
Horizontal	Average	2483.5000	36.20	54.00	17.80
Vertical	Peak	2483.5000	48.21 *	74.00	25.79
Horizontal	Peak	2483.5000	45.34 *	74.00	28.66
Vertical	Peak	2483.5250	52.22 *	74.00	21.78
Vertical	Peak	2484.2500	52.38 *	74.00	21.62
Horizontal	Peak	2484.6950	47.81 *	74.00	26.19
Horizontal	Peak	2490.4640	45.22 *	74.00	28.78
Horizontal	Peak	2490.8270	45.15 *	74.00	28.85
Horizontal	Peak	2491.9310	46.57 *	74.00	27.43
Horizontal	Peak	2493.5630	45.86 *	74.00	28.14
Horizontal	Peak	2493.8100	45.47 *	74.00	28.53
Horizontal	Peak	2494.3540	46.14 *	74.00	27.86
Horizontal	Peak	2494.6840	45.72 *	74.00	28.28
Horizontal	Peak	2495.3270	46.15 *	74.00	27.85
Horizontal	Peak	2499.0360	47.58 *	74.00	26.42
Vertical	Peak	2499.1020	51.25 *	74.00	22.75

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 3 Apr, 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.

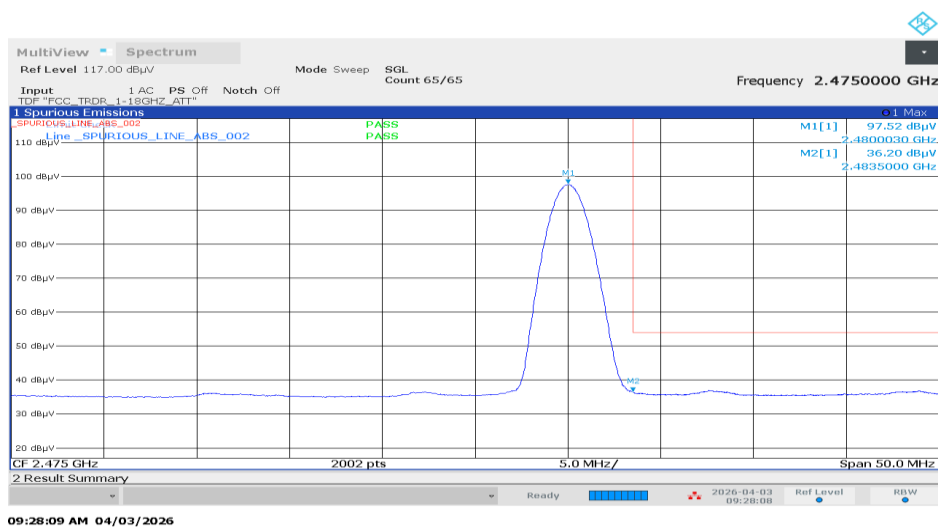
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

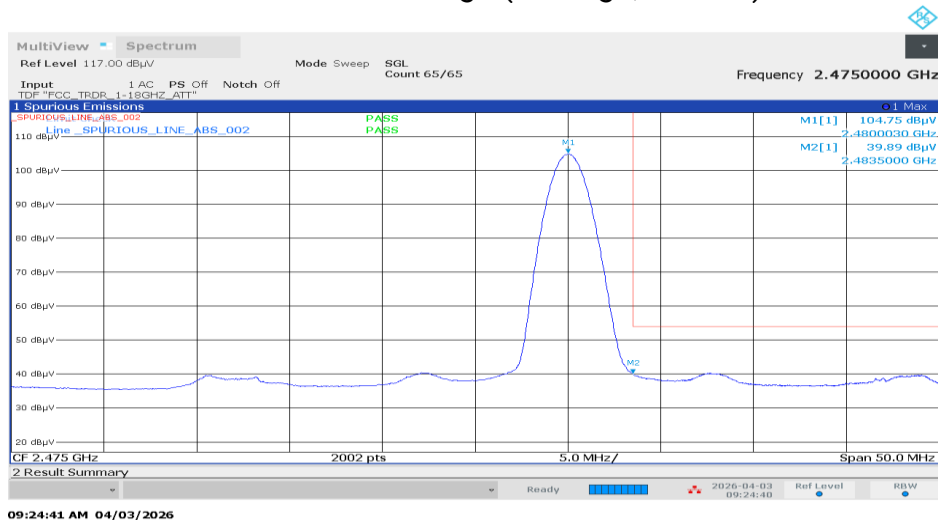
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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

Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - PI/4-DQPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2402.0000	Softpot Power :	12.00
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	2310.8390	49.13 *	74.00	24.87
Horizontal	Peak	2311.1590	48.38 *	74.00	25.62
Vertical	Average	2390.0000	36.14	54.00	17.86
Horizontal	Average	2390.0000	34.81	54.00	19.19
Vertical	Peak	2390.0000	45.17 *	74.00	28.83
Horizontal	Peak	2390.0000	45.46 *	74.00	28.54

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 3 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

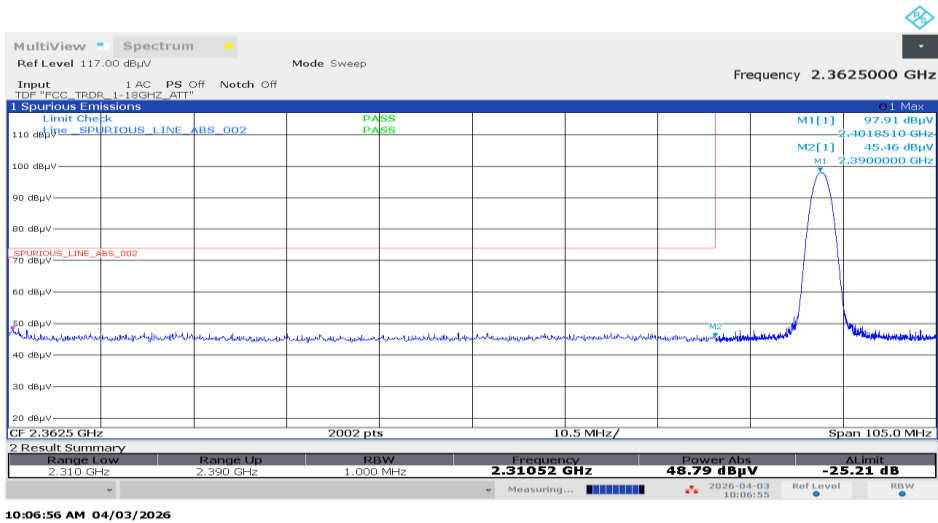
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

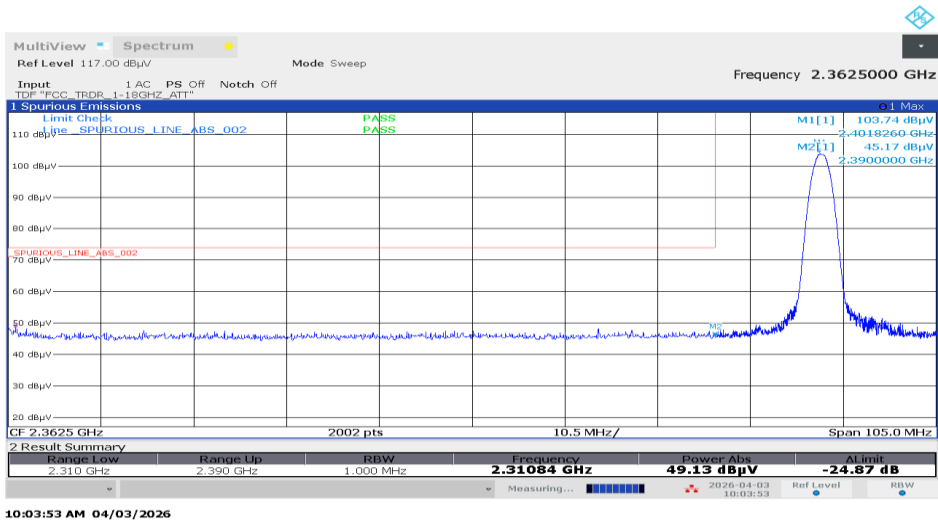
NOTE :

- 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.

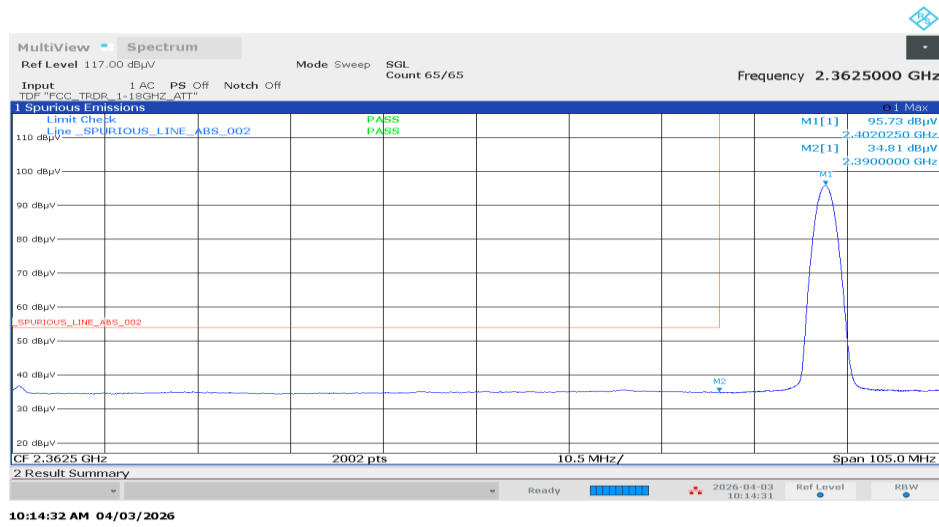
Restricted Band Edge (Peak,Horizontal)



Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average, Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - PI/4-DQPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2480.0000	Softpot Power :	12.00
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	Average	2483.5000	41.02	54.00	12.98
Horizontal	Average	2483.5000	37.62	54.00	16.38
Vertical	Peak	2483.5000	50.17 *	74.00	23.83
Horizontal	Peak	2483.5000	47.11 *	74.00	26.89
Horizontal	Peak	2483.5250	49.31 *	74.00	24.69
Vertical	Peak	2483.8540	55.11	74.00	18.89
Vertical	Peak	2484.1840	54.04	74.00	19.96
Vertical	Peak	2484.2330	54.56	74.00	19.44
Vertical	Peak	2484.3490	53.86 *	74.00	20.14
Vertical	Peak	2484.6950	53.51 *	74.00	20.49
Horizontal	Peak	2485.0740	49.92 *	74.00	24.08
Horizontal	Peak	2485.6670	49.77 *	74.00	24.23
Vertical	Peak	2485.6840	51.61 *	74.00	22.39
Vertical	Peak	2485.9150	51.61 *	74.00	22.39
Vertical	Peak	2486.0630	51.46 *	74.00	22.54
Vertical	Peak	2486.4920	52.08 *	74.00	21.92
Horizontal	Peak	2488.3540	46.62 *	74.00	27.38
Horizontal	Peak	2491.1400	46.25 *	74.00	27.75
Horizontal	Peak	2491.6510	46.57 *	74.00	27.43
Horizontal	Peak	2492.8870	47.26 *	74.00	26.74

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 3 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

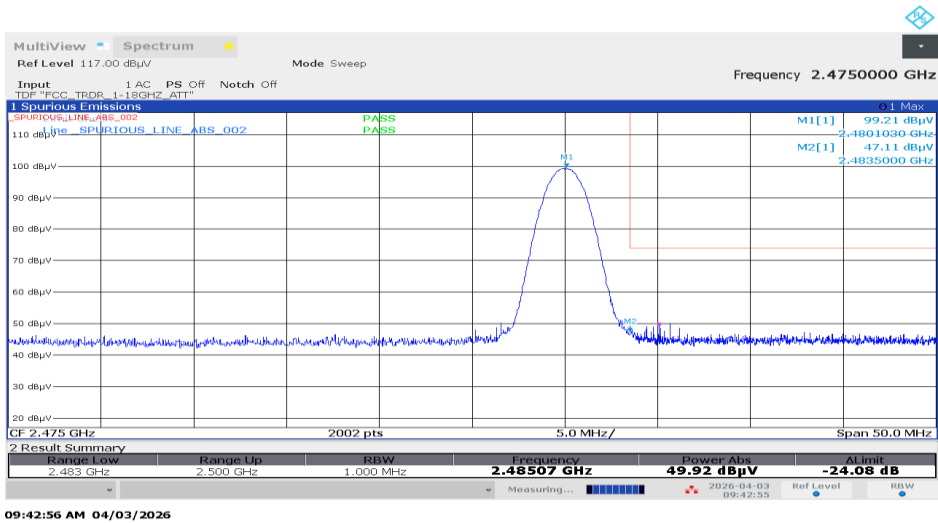
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

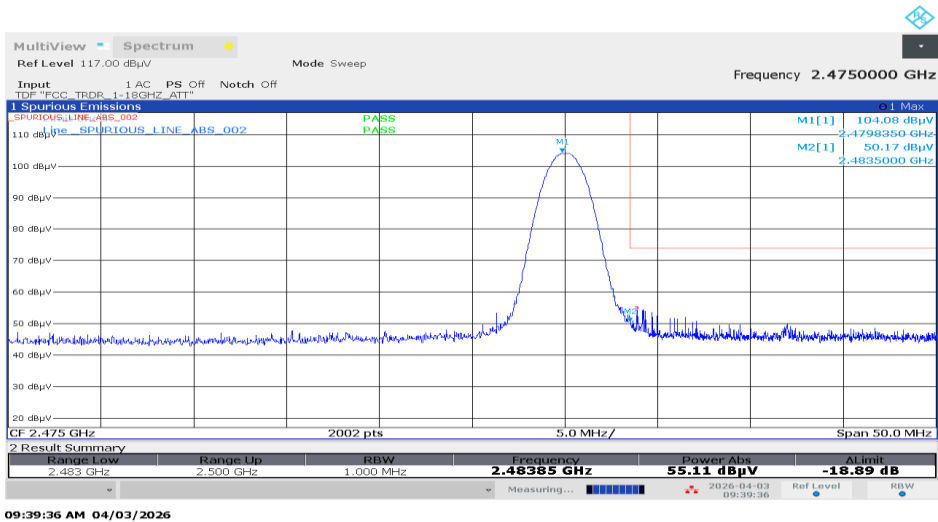
NOTE :

- 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.

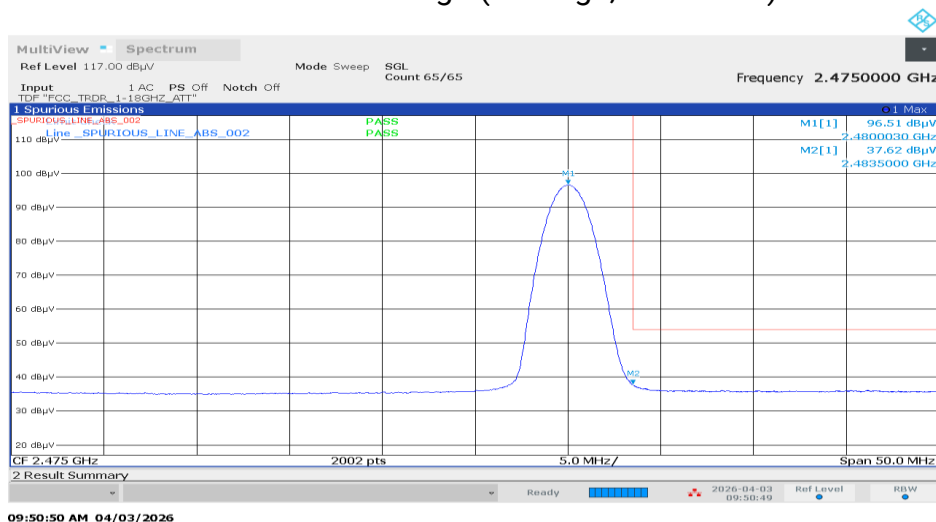
Restricted Band Edge (Peak,Horizontal)



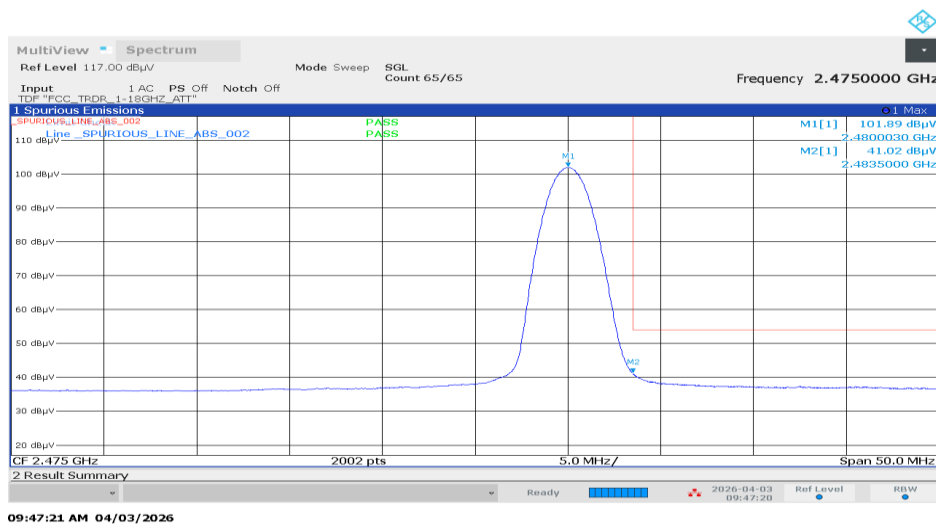
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01
Test Mode : BT - 8-DPSK Channel SP/Bandwidth (kHz) : 1000.0000
Test Frequency (MHz) : 2402.0000 Softpot Power : 12.00
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)
Horizontal	Peak	2377.9720	48.27 *	74.00	25.73
Vertical	Peak	2378.6110	49.18 *	74.00	24.82
Vertical	Average	2390.0000	35.84	54.00	18.16
Horizontal	Average	2390.0000	34.60	54.00	19.40
Vertical	Peak	2390.0000	47.02 *	74.00	26.98
Horizontal	Peak	2390.0000	45.17 *	74.00	28.83

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Fuad Test Date : Fri, 3 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

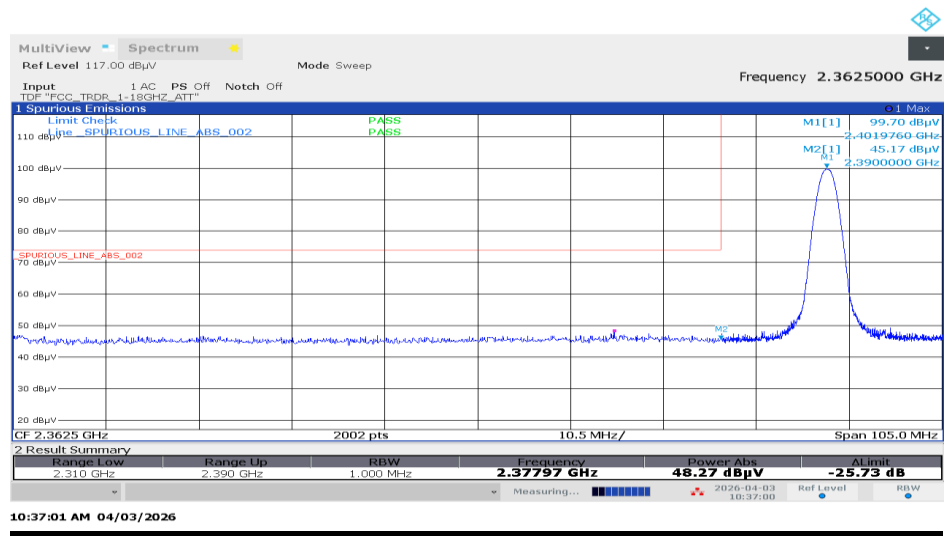
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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.

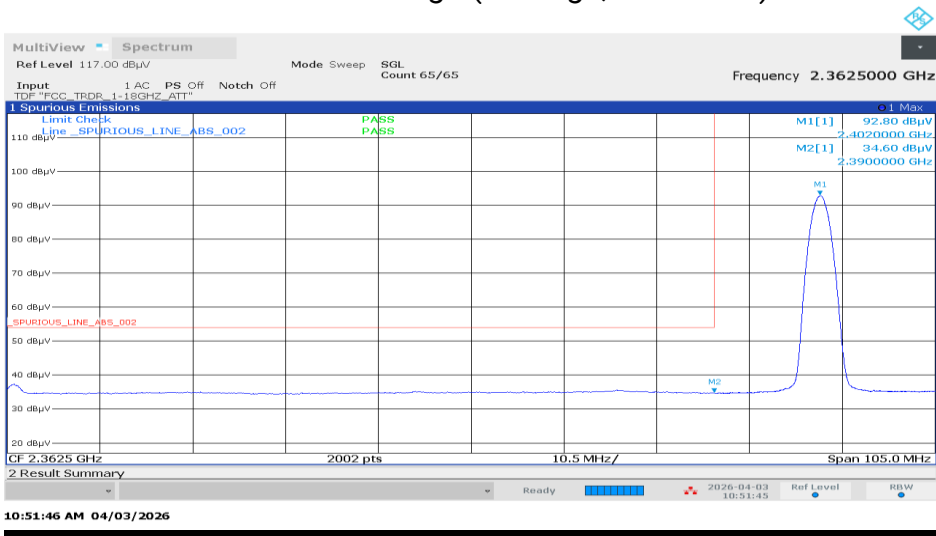
Restricted Band Edge (Peak,Horizontal)



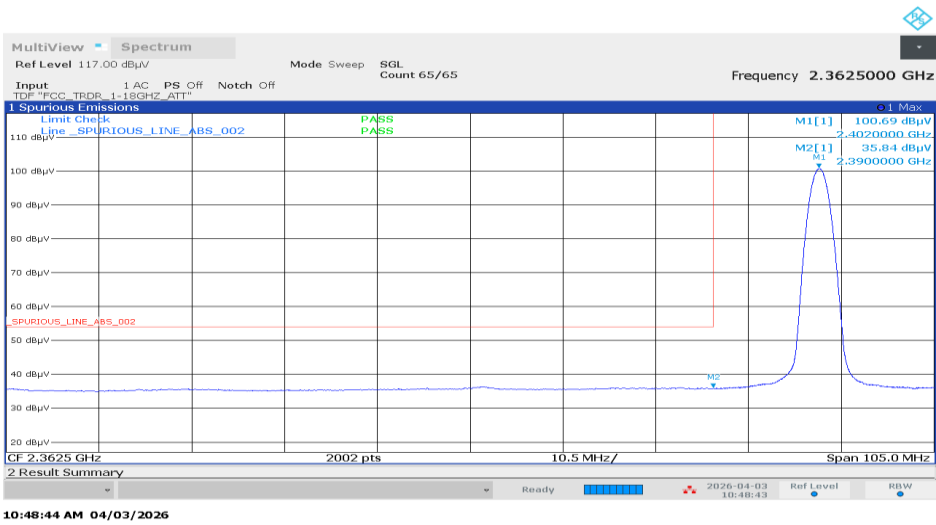
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Restricted Band-edge : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - 8-DPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2480.0000	Softpot Power :	12.00
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	Average	2483.5000	40.11	54.00	13.89
Horizontal	Average	2483.5000	38.20	54.00	15.80
Vertical	Peak	2483.5000	52.57 *	74.00	21.43
Horizontal	Peak	2483.5000	48.73 *	74.00	25.27
Vertical	Peak	2483.6400	53.92 *	74.00	20.08
Horizontal	Peak	2483.8540	50.20 *	74.00	23.80
Vertical	Peak	2484.9750	53.70 *	74.00	20.30
Horizontal	Peak	2485.2720	47.74 *	74.00	26.26
Vertical	Peak	2486.3270	51.74 *	74.00	22.26
Horizontal	Peak	2488.7170	45.06 *	74.00	28.94
Horizontal	Peak	2489.3270	46.31 *	74.00	27.69
Horizontal	Peak	2492.0800	46.80 *	74.00	27.20

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Fuad	Test Date :	Fri, 3 Apr, 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.

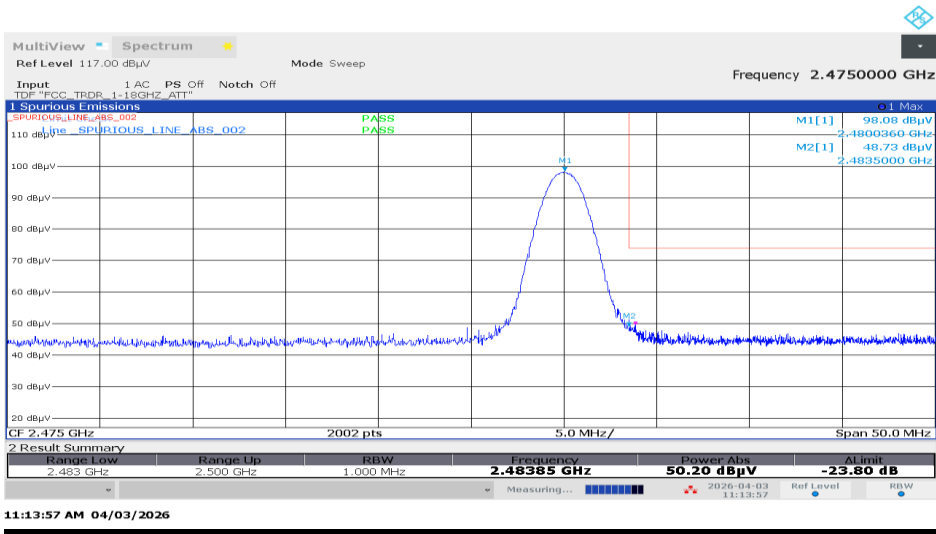
*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

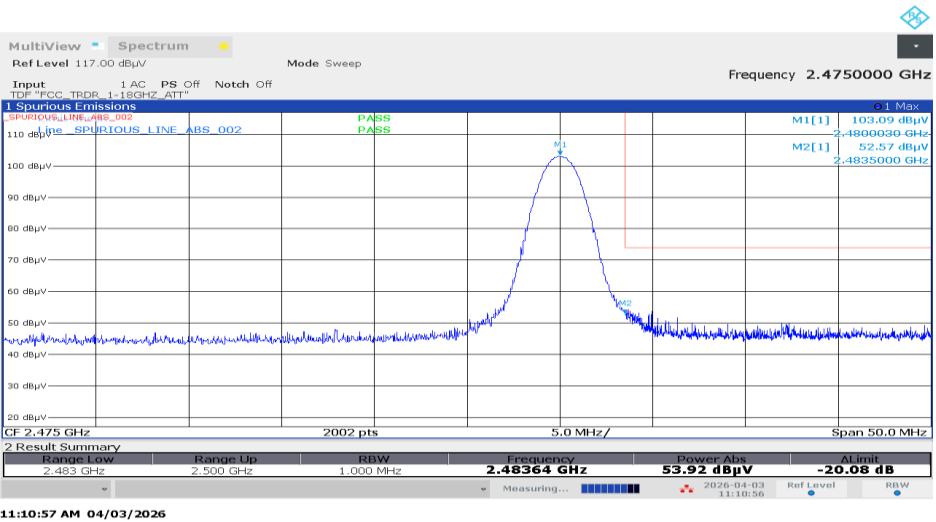
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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

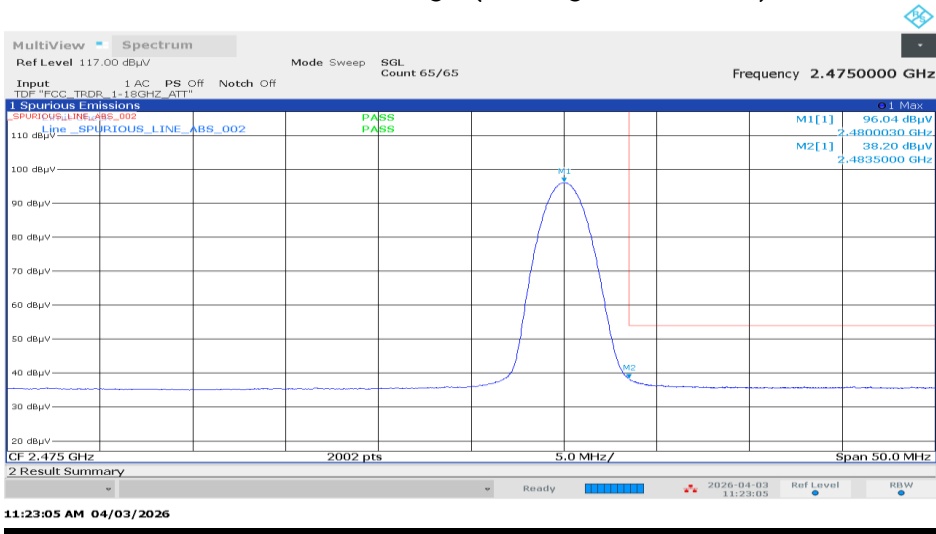
Restricted Band Edge (Peak,Horizontal)



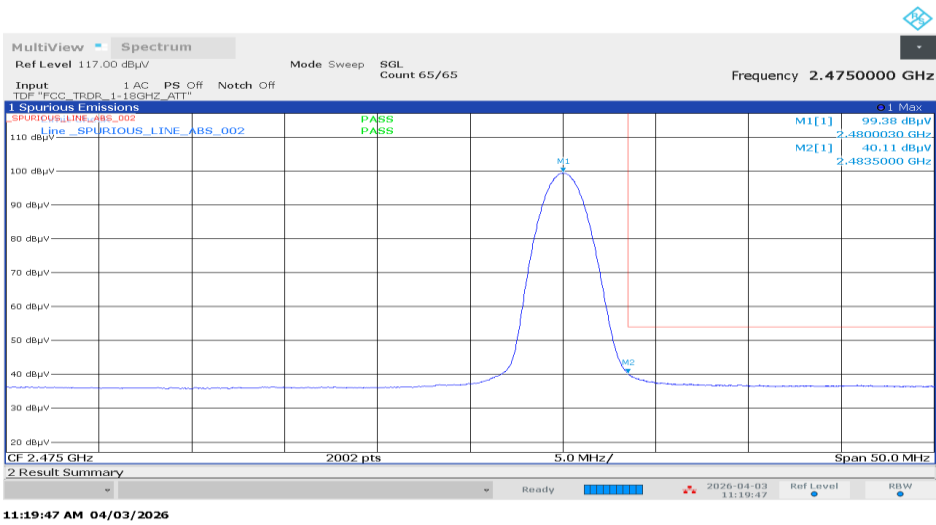
Restricted Band Edge (Peak,Vertical)



Restricted Band Edge (Average,Horizontal)



Restricted Band Edge (Average,Vertical)



SAC TX Radiated Emission : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - 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	42.0614	36.72 *	105.54	85.54	48.82
Horizontal	Peak	42.4410	28.33 *	105.54	85.54	57.21
Vertical	Peak	49.1260	35.92 *	105.54	85.54	49.62
Horizontal	Peak	49.1810	30.75 *	105.54	85.54	54.79
Horizontal	Peak	52.0023	26.67 *	105.54	85.54	58.87
Vertical	Peak	52.6047	32.47 *	105.54	85.54	53.07
Horizontal	Peak	81.5345	31.08 *	105.54	85.54	54.46
Vertical	Peak	82.4875	39.19 *	105.54	85.54	46.35
Vertical	Peak	98.6323	25.36 *	105.54	85.54	60.18
Horizontal	Peak	99.3896	29.15 *	105.54	85.54	56.39
Horizontal	Quasi-Peak	125.0010	29.95	-	43.50	13.55
Vertical	Quasi-Peak	125.0120	29.93	-	43.50	13.57

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

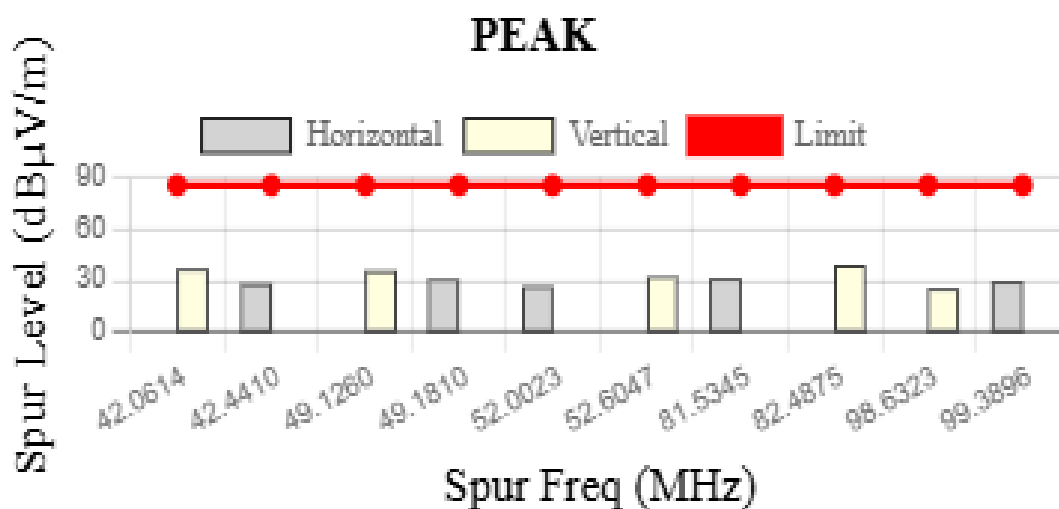
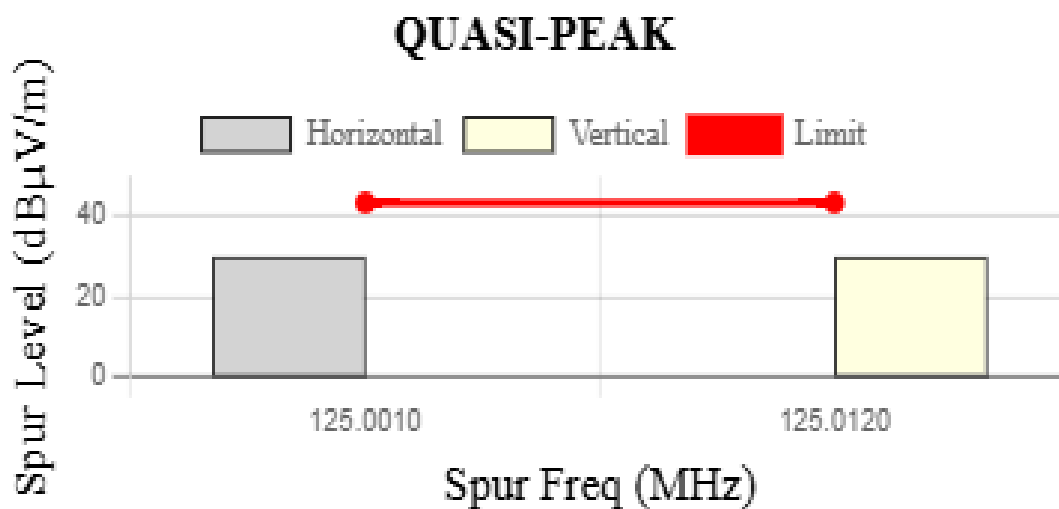
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - GFSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2441.0000	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)
Horizontal	Peak	34.0331	28.38 *	105.54	85.54	57.16
Vertical	Peak	34.5596	33.50 *	105.54	85.54	52.04
Vertical	Peak	44.4290	36.27 *	105.54	85.54	49.27
Horizontal	Peak	44.8986	28.46 *	105.54	85.54	57.08
Horizontal	Peak	51.7725	27.45 *	105.54	85.54	58.09
Vertical	Peak	52.2070	31.45 *	105.54	85.54	54.09
Horizontal	Peak	81.2150	31.28 *	105.54	85.54	54.26
Vertical	Peak	81.4917	39.00 *	105.54	85.54	46.54
Horizontal	Peak	99.0013	29.64 *	105.54	85.54	55.90
Vertical	Peak	99.5767	33.41 *	105.54	85.54	52.13
Horizontal	Quasi-Peak	125.0050	30.00	-	43.50	13.50
Vertical	Quasi-Peak	125.0080	30.40	-	43.50	13.10

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

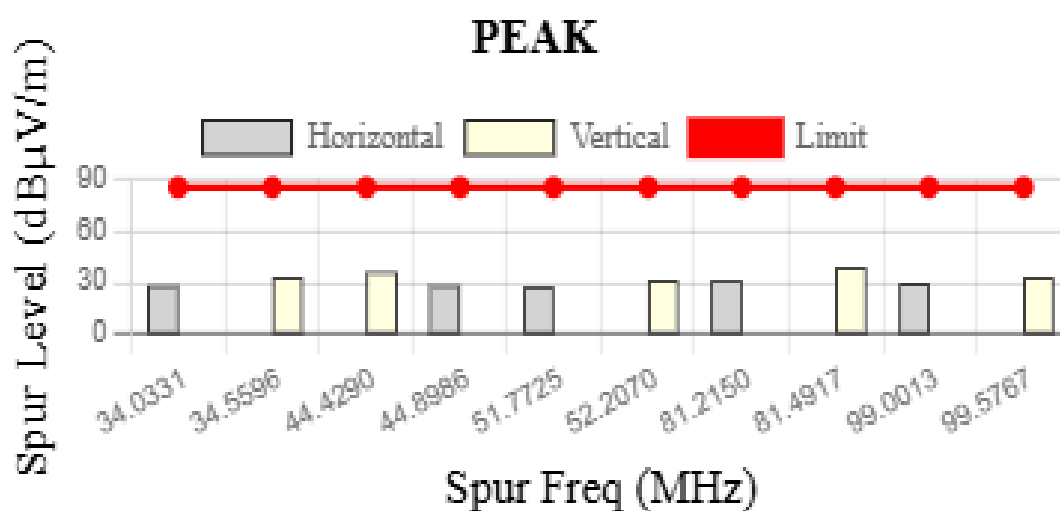
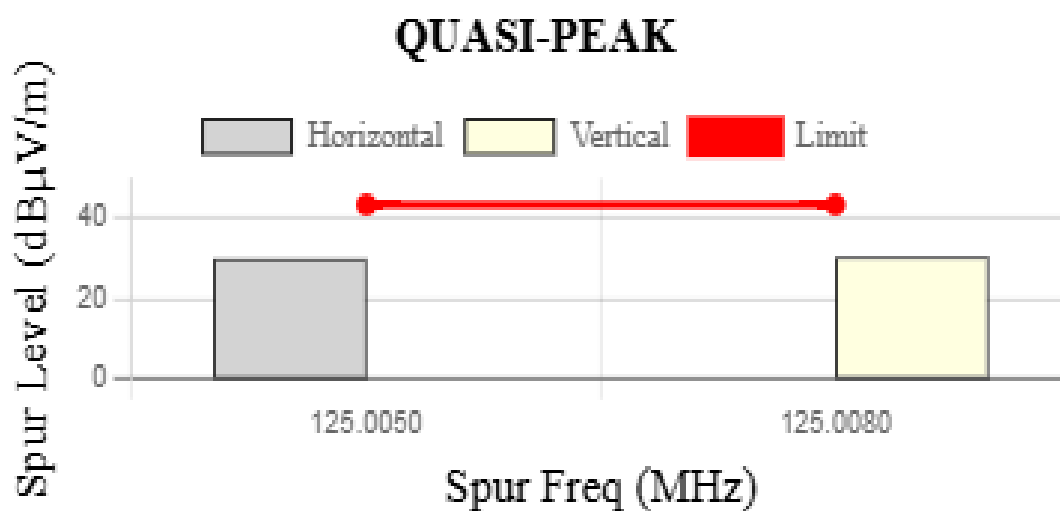
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - GFSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2480.0000	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)
Horizontal	Peak	30.7762	29.45 *	105.54	85.54	56.09
Vertical	Peak	31.2678	33.90 *	105.54	85.54	51.64
Horizontal	Peak	49.1599	32.03 *	105.54	85.54	53.51
Vertical	Peak	49.1919	36.58 *	105.54	85.54	48.96
Horizontal	Peak	51.9553	27.45 *	105.54	85.54	58.08
Vertical	Peak	52.5747	32.13 *	105.54	85.54	53.41
Vertical	Peak	82.6001	38.06 *	105.54	85.54	47.48
Horizontal	Peak	82.9048	31.17 *	105.54	85.54	54.37
Vertical	Peak	99.0060	33.27 *	105.54	85.54	52.27
Horizontal	Peak	99.0749	29.02 *	105.54	85.54	56.52
Vertical	Quasi-Peak	124.9690	21.76 *	-	43.50	21.74
Horizontal	Quasi-Peak	124.9800	29.27	-	43.50	14.23

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

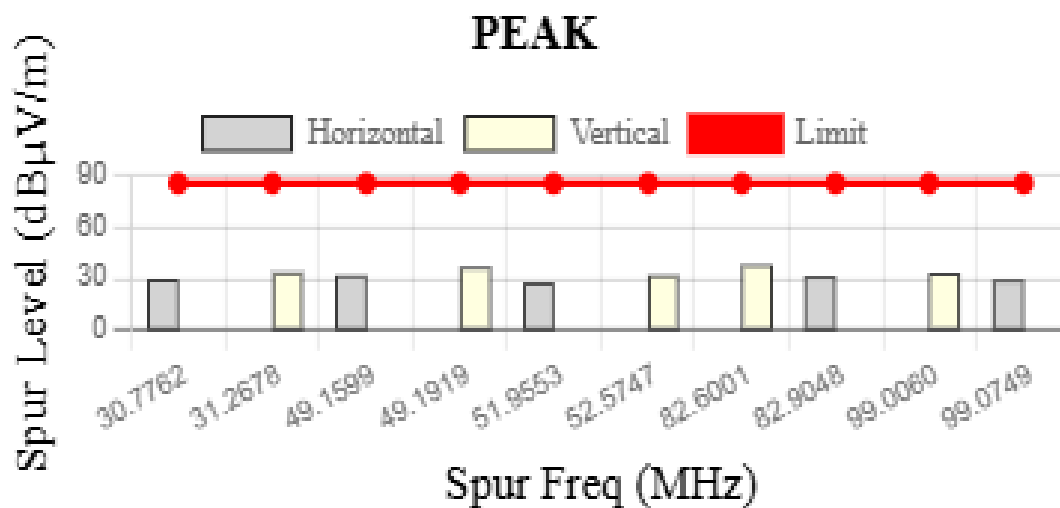
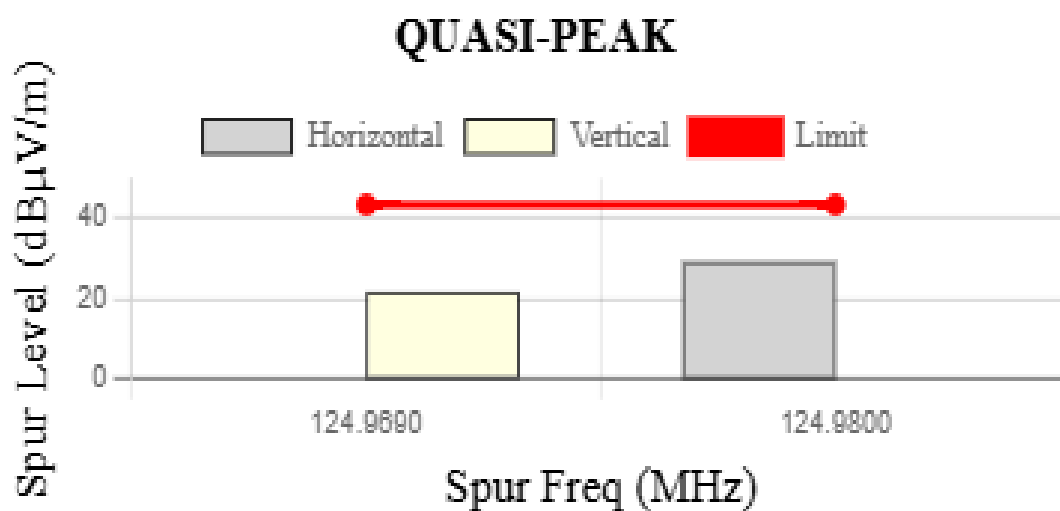
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - PI/4-DQPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2402.0000	Softpot Power :	12.00
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	36.3068	33.02 *	105.54	85.54	52.52
Horizontal	Peak	36.5965	27.49 *	105.54	85.54	58.05
Horizontal	Peak	44.7672	28.35 *	105.54	85.54	57.19
Vertical	Peak	45.4665	35.79 *	105.54	85.54	49.75
Horizontal	Peak	51.6274	26.42 *	105.54	85.54	59.12
Vertical	Peak	52.4286	31.87 *	105.54	85.54	53.67
Horizontal	Peak	81.3184	31.45 *	105.54	85.54	54.09
Vertical	Peak	81.8399	39.14 *	105.54	85.54	46.40
Vertical	Peak	98.9572	26.83 *	105.54	85.54	58.71
Horizontal	Peak	99.4417	29.35 *	105.54	85.54	56.19
Vertical	Quasi-Peak	124.9960	29.69	-	43.50	13.81
Horizontal	Quasi-Peak	125.0250	29.12	-	43.50	14.38
Horizontal	Peak	850.0469	32.01 *	105.54	85.54	53.53
Vertical	Peak	850.0619	29.33 *	105.54	85.54	56.21

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

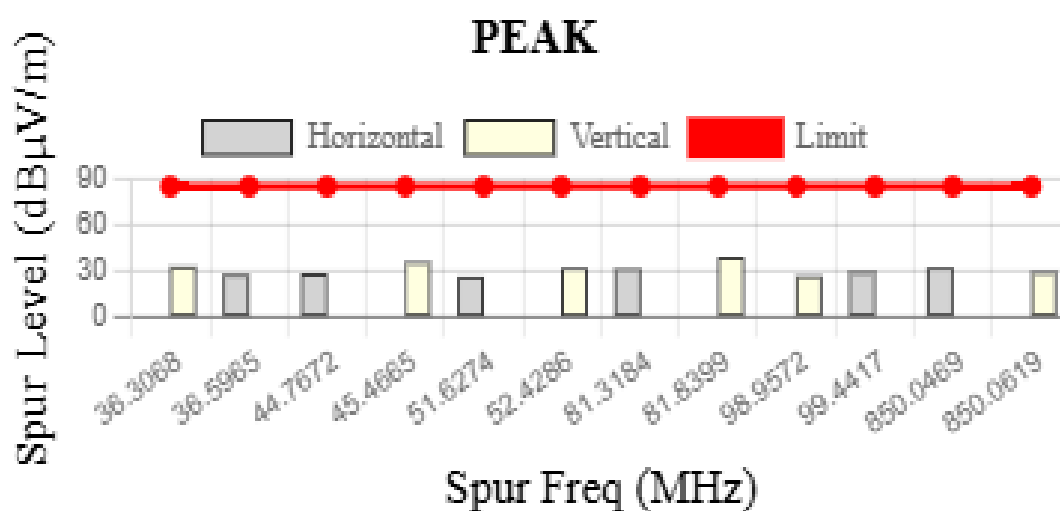
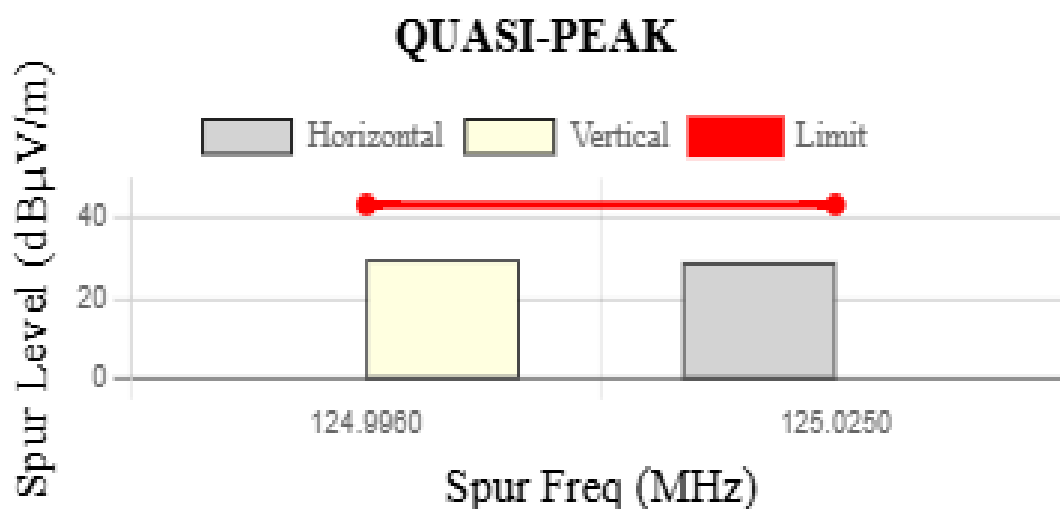
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01
Test Mode : BT - PI/4-DQPSK Channel SP/Bandwidth (kHz) : 1000.0000
Test Frequency (MHz) : 2441.0000 Softpot Power : 12.00
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)
Horizontal	Peak	34.2771	28.80 *	105.54	85.54	56.74
Vertical	Peak	34.6827	33.81 *	105.54	85.54	51.73
Vertical	Peak	42.6279	35.90 *	105.54	85.54	49.64
Horizontal	Peak	42.8647	28.40 *	105.54	85.54	57.14
Horizontal	Peak	53.1270	25.83 *	105.54	85.54	59.71
Vertical	Peak	53.4157	31.44 *	105.54	85.54	54.10
Horizontal	Peak	80.5635	31.64 *	105.54	85.54	53.90
Vertical	Peak	81.5055	38.97 *	105.54	85.54	46.57
Horizontal	Peak	98.7029	30.32 *	105.54	85.54	55.22
Vertical	Peak	99.0496	34.23 *	105.54	85.54	51.31
Horizontal	Quasi-Peak	124.9670	26.01	-	43.50	17.49
Vertical	Quasi-Peak	124.9960	30.19	-	43.50	13.31
Horizontal	Peak	850.0400	32.98 *	105.54	85.54	52.56
Vertical	Peak	850.5195	28.40 *	105.54	85.54	57.14

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sat, 4 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

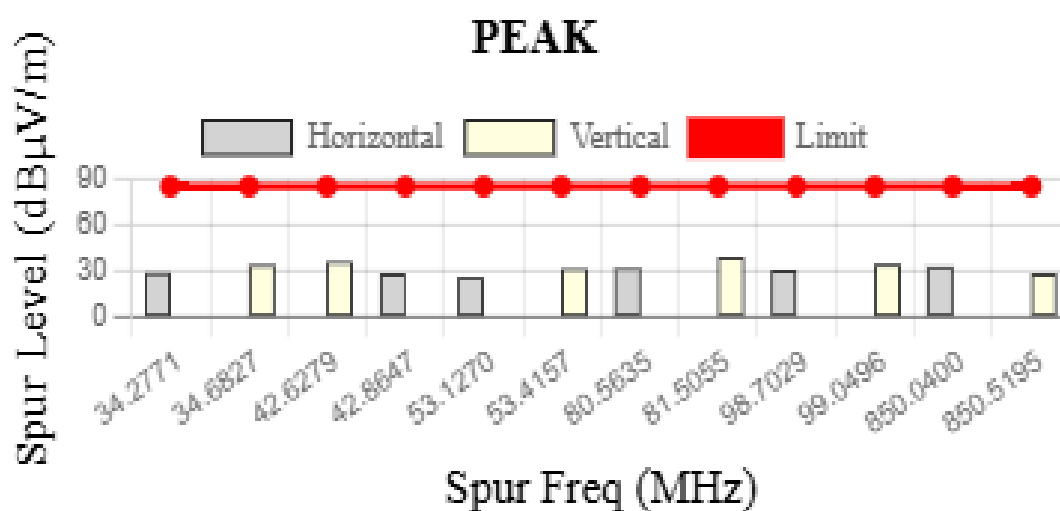
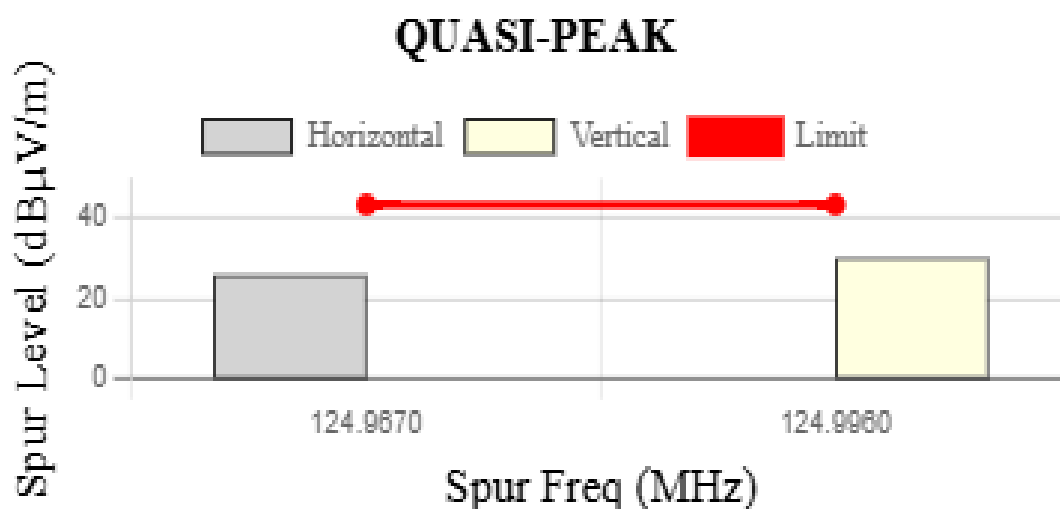
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - PI/4-DQPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2480.0000	Softpot Power :	12.00
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)
Horizontal	Peak	42.4711	29.34 *	105.54	85.54	56.20
Vertical	Peak	42.7748	36.27 *	105.54	85.54	49.27
Horizontal	Peak	49.0661	31.90 *	105.54	85.54	53.64
Vertical	Peak	49.1550	36.63 *	105.54	85.54	48.91
Horizontal	Peak	53.2459	23.97 *	105.54	85.54	61.57
Vertical	Peak	53.5046	31.23 *	105.54	85.54	54.31
Horizontal	Peak	80.5992	31.48 *	105.54	85.54	54.06
Vertical	Peak	80.7910	38.84 *	105.54	85.54	46.70
Horizontal	Peak	99.2429	29.90 *	105.54	85.54	55.64
Vertical	Peak	99.3168	23.62 *	105.54	85.54	61.92
Horizontal	Quasi-Peak	125.0080	30.40	-	43.50	13.10
Vertical	Quasi-Peak	125.0380	28.75	-	43.50	14.75

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

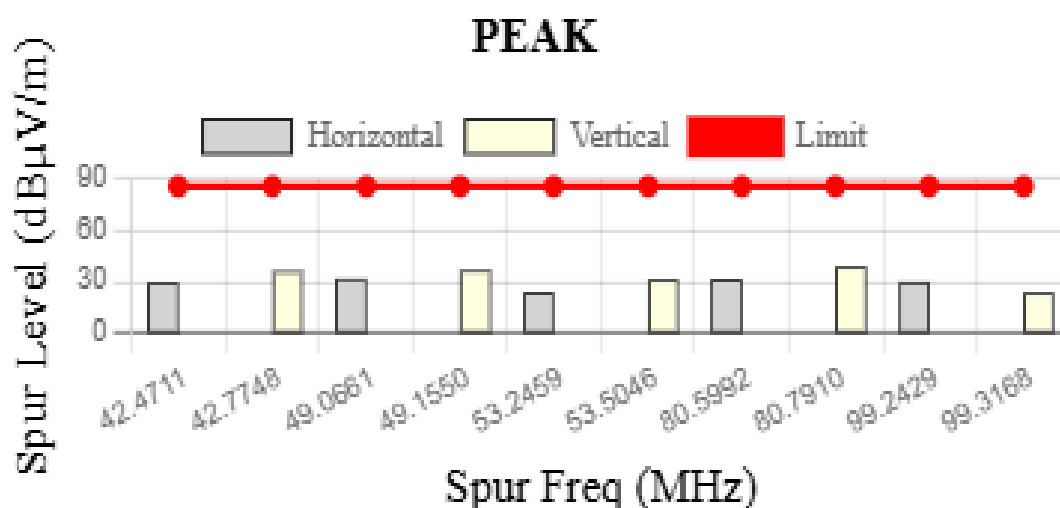
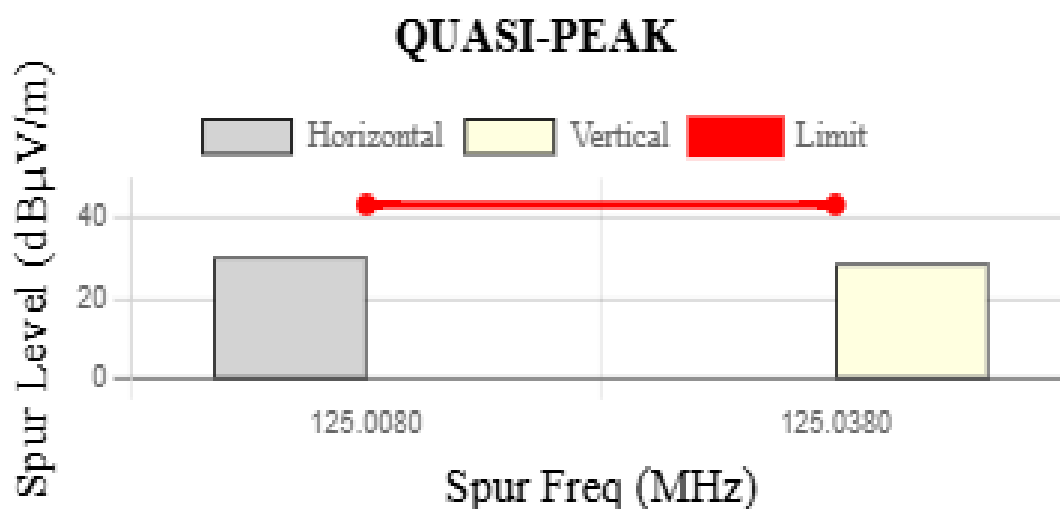
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - 8-DPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2402.0000	Softpot Power :	12.00
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	34.6339	34.06 *	105.54	85.54	51.48
Horizontal	Peak	34.9955	28.28 *	105.54	85.54	57.26
Horizontal	Peak	44.5014	28.77 *	105.54	85.54	56.77
Vertical	Peak	44.9380	36.21 *	105.54	85.54	49.33
Horizontal	Peak	50.6503	27.54 *	105.54	85.54	58.00
Vertical	Peak	51.1808	31.64 *	105.54	85.54	53.90
Horizontal	Peak	80.7643	31.50 *	105.54	85.54	54.04
Vertical	Peak	81.4905	39.82 *	105.54	85.54	45.72
Horizontal	Peak	98.9074	29.76 *	105.54	85.54	55.78
Vertical	Peak	99.1771	27.36 *	105.54	85.54	58.18
Horizontal	Peak	950.0150	32.46 *	105.54	85.54	53.08
Vertical	Peak	950.0330	31.58 *	105.54	85.54	53.96

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

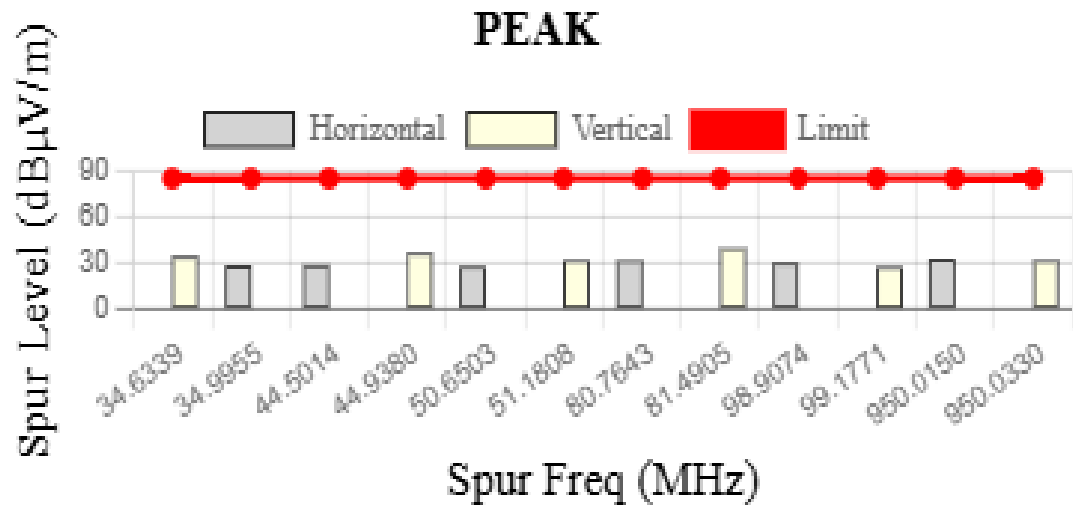
Remarks:

** 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 : 1466N00-EMC-00050

FCC ID :	AZ492FT7188	IC :	109U-92FT7188
Model No :	AAM29JQN9YA1AN	Serial No :	008TCF1353
Battery :	-	Charger :	-
Accessory :	HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01		
Test Mode :	BT - 8-DPSK	Channel SP/Bandwidth (kHz) :	1000.0000
Test Frequency (MHz) :	2441.0000	Softpot Power :	12.00
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)
Horizontal	Peak	34.9015	28.92 *	105.54	85.54	56.62
Vertical	Peak	35.6817	33.79 *	105.54	85.54	51.75
Horizontal	Peak	42.8458	28.60 *	105.54	85.54	56.94
Vertical	Peak	43.1096	36.24 *	105.54	85.54	49.30
Vertical	Peak	49.1470	37.35 *	105.54	85.54	48.19
Horizontal	Peak	49.1739	31.48 *	105.54	85.54	54.06
Horizontal	Peak	80.3024	31.14 *	105.54	85.54	54.40
Vertical	Peak	80.6261	38.99 *	105.54	85.54	46.55
Horizontal	Peak	99.2440	30.30 *	105.54	85.54	55.23
Vertical	Peak	99.4698	33.68 *	105.54	85.54	51.86
Vertical	Peak	950.0370	30.41 *	105.54	85.54	55.13
Horizontal	Peak	950.0450	32.57 *	105.54	85.54	52.97

Temperature (°C) :	23.6	Humidity (%) :	68.9
Test Performed by :	Nazrin & Rezza	Test Date :	Sat, 4 Apr, 2026
System MU :	6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)		

Remarks:

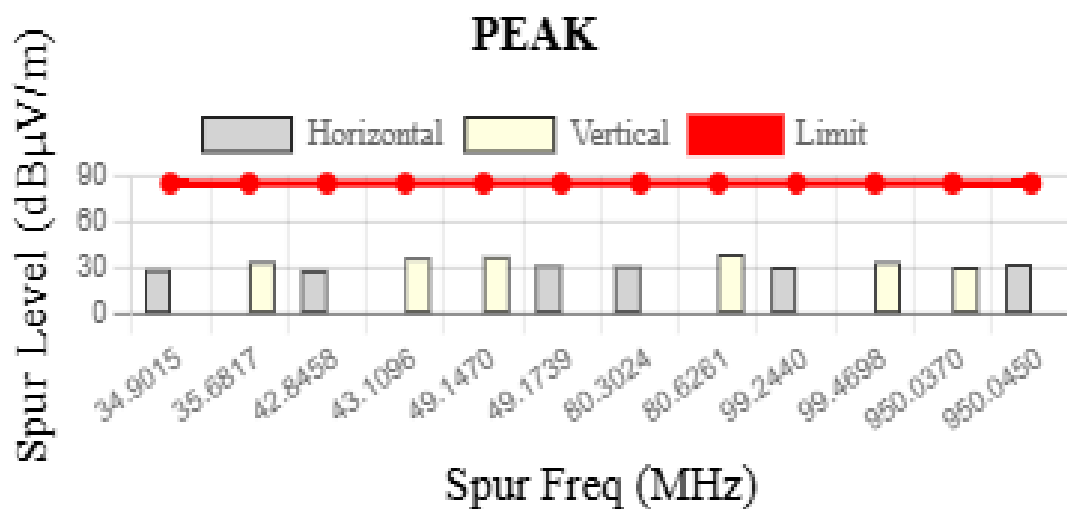
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*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 : 1466N00-EMC-00050

FCC ID : AZ492FT7188 IC : 109U-92FT7188
Model No : AAM29JQN9YA1AN Serial No : 008TCF1353
Battery : - Charger : -
Accessory : HAD4022A, PMAN4013A-CF1, RMN5050A-C4, RSN4005A-CF1, PMLN8805A, PS000280A02-CF1, 3087791G01
Test Mode : BT - 8-DPSK Channel SP/Bandwidth (kHz) : 1000.0000
Test Frequency (MHz) : 2480.0000 Softpot Power : 12.00
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)
Horizontal	Peak	43.1545	29.38 *	105.54	85.54	56.16
Vertical	Peak	43.4941	36.51 *	105.54	85.54	49.03
Horizontal	Peak	51.6645	26.69 *	105.54	85.54	58.85
Vertical	Peak	52.2769	32.49 *	105.54	85.54	53.05
Horizontal	Peak	78.4584	30.26 *	105.54	85.54	55.28
Vertical	Peak	78.6372	37.84 *	105.54	85.54	47.70
Horizontal	Peak	98.6710	30.11 *	105.54	85.54	55.43
Vertical	Peak	99.1676	29.12 *	105.54	85.54	56.42
Vertical	Quasi-Peak	124.9920	28.93	-	43.50	14.57
Horizontal	Quasi-Peak	125.0000	29.62	-	43.50	13.88
Horizontal	Peak	899.9950	32.13 *	105.54	85.54	53.41
Vertical	Peak	900.0919	29.14 *	105.54	85.54	56.40

Temperature (°C) : 23.6 Humidity (%) : 68.9
Test Performed by : Nazrin & Rezza Test Date : Sat, 4 Apr, 2026
System MU : 6.00 dB (30MHz-1000MHz); 5.14 dB (1000MHz-18000MHz); 5.36 dB (18000MHz-40000MHz)

Remarks:

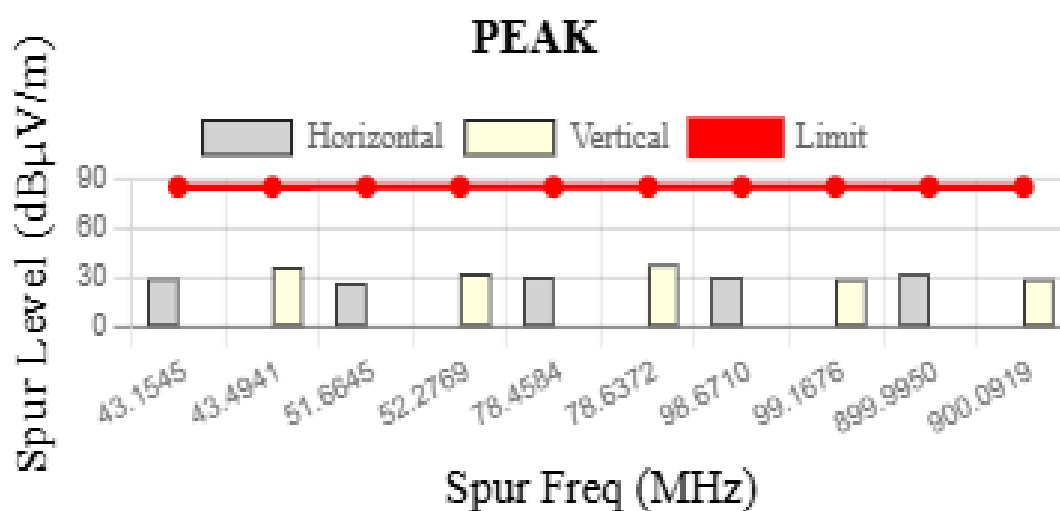
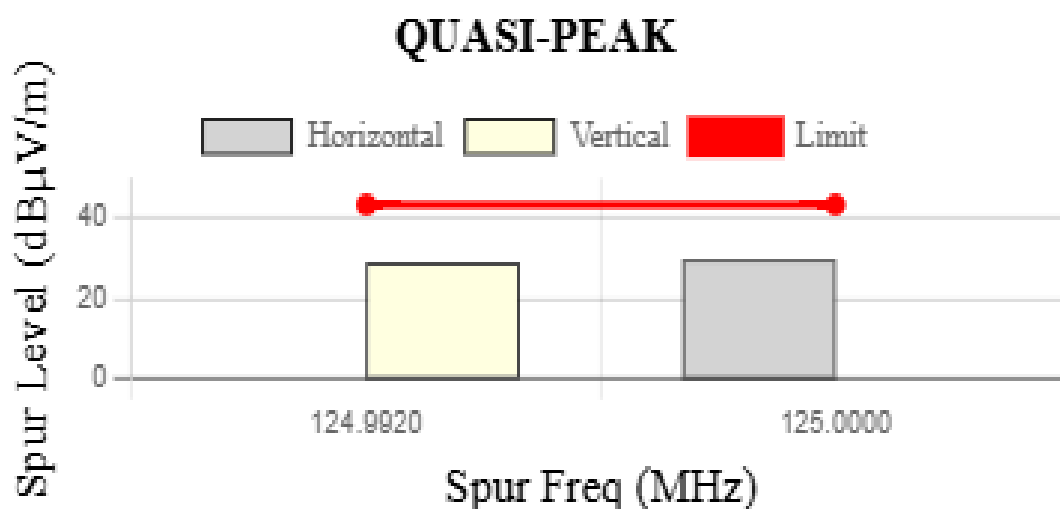
** Indicates the spurious emission could not be detected due to noise limitations or ambient.

*Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported.

NOTE :

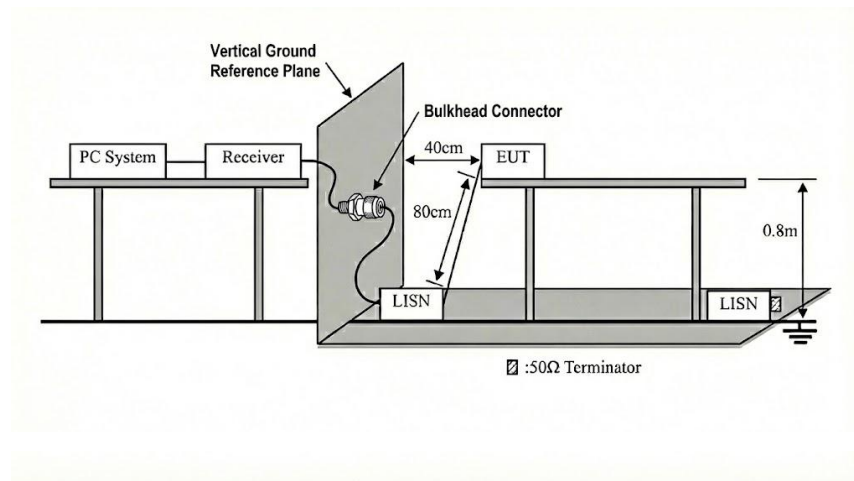
1) If the peak values is less than the QP limit, the QP result deemed to comply with QP limit.

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



6.9.AC Powerline Conducted Emission

6.9.1. 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 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.

6.9.2. 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(μ V)	
	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.		

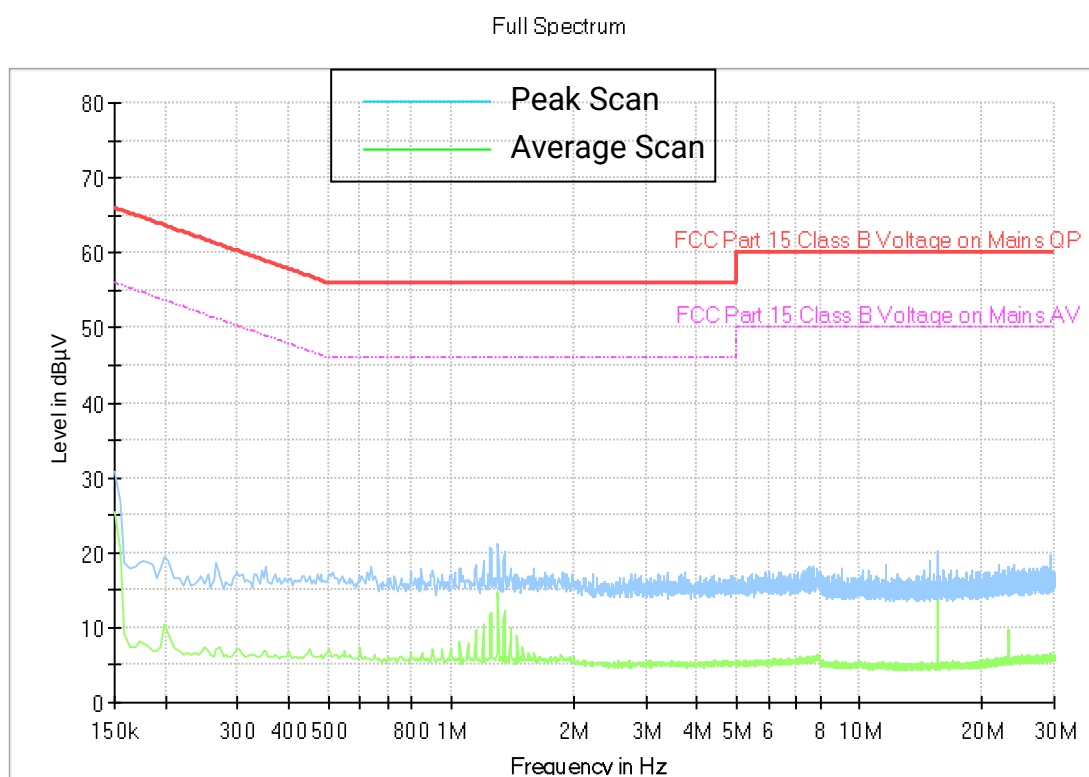
Table 2: Limits for Conducted Disturbance at the Mains Ports of Class B ITE

6.9.3. Test Result

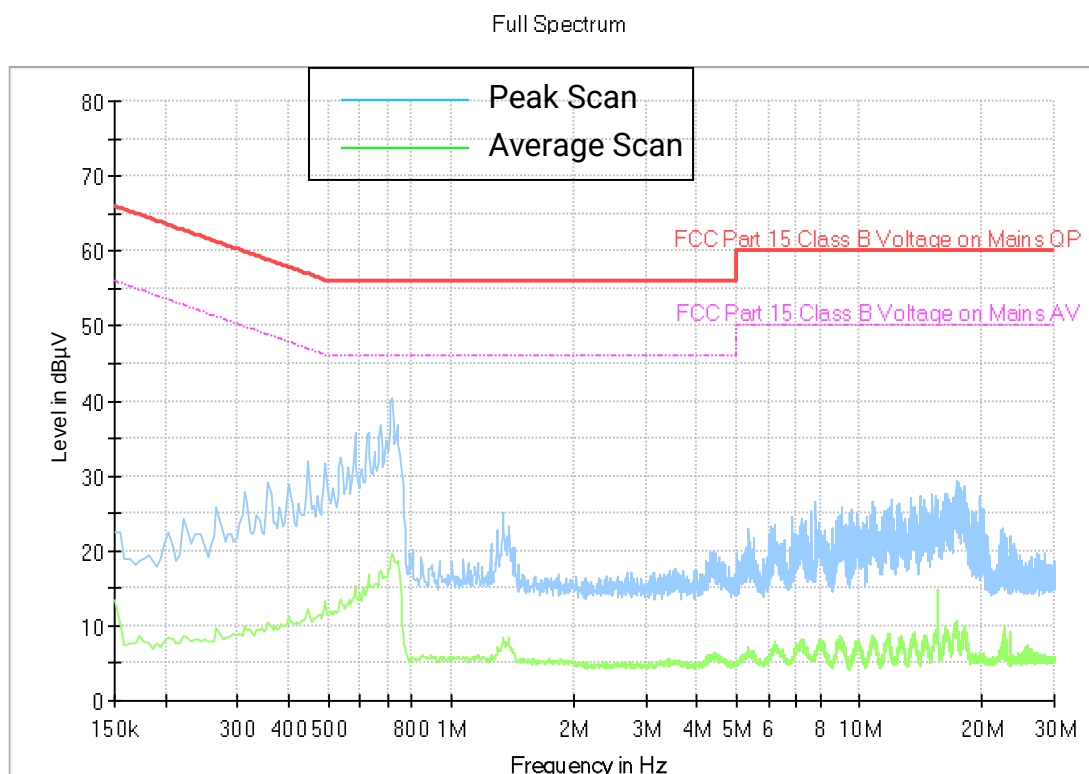
Report ID: 1466N00-EMC-00050
Temperature: 19.5 °C
Humidity: 54.5 %RH
Tester: Helmy
Date of Test: 6 Apr 2026

Test Data
120 VAC, 60Hz

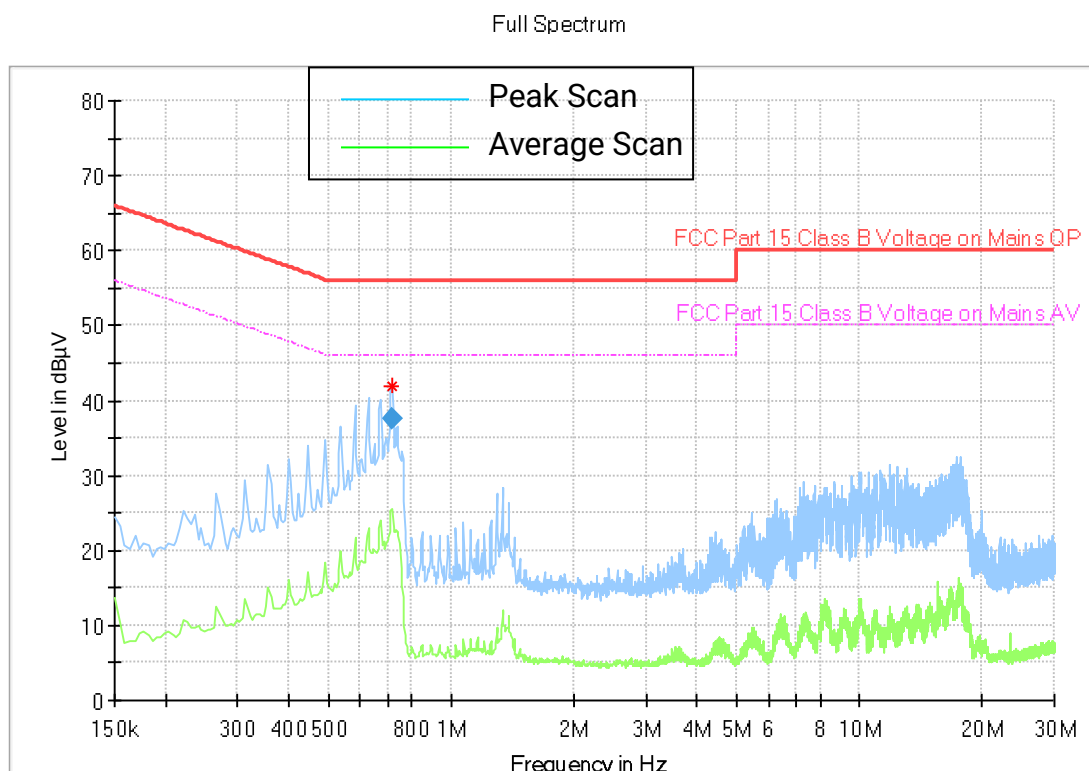
1) Ambient



2) PSU Alone



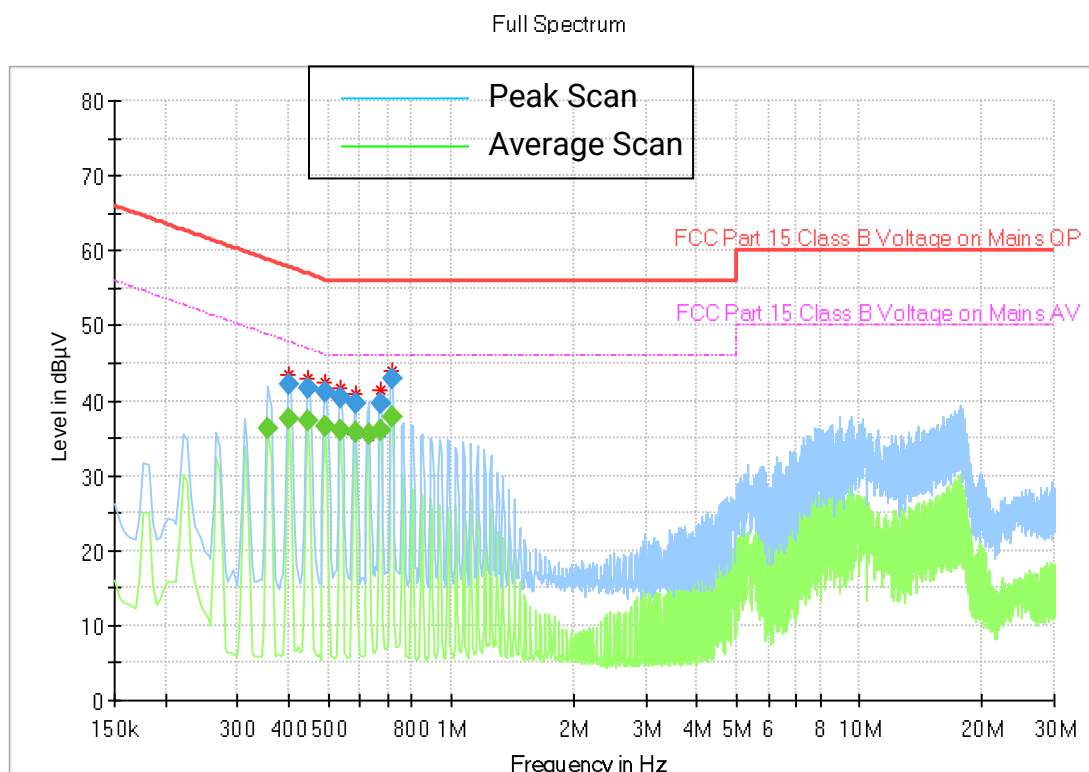
3) PSU + Radio Off



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.717000	37.49	---	56.00	18.51	N	ON	9.9

4) PSU + Radio Standby (BT EDR Transmit, CH: 2402MHz Mod: 8DPSK)



QuasiPeak and Average Measurement

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.357000	---	36.33	48.80	12.47	L1	ON	10.0
0.402000	42.26	---	57.81	15.56	L1	ON	10.0
0.402000	---	37.58	47.81	10.23	L1	ON	10.0
0.447000	41.56	---	56.93	15.37	N	ON	10.0
0.447000	---	37.34	46.93	9.59	L1	ON	10.0
0.492000	41.19	---	56.13	14.95	L1	ON	10.0
0.492000	---	36.65	46.13	9.49	L1	ON	10.0
0.537000	---	36.10	46.00	9.90	L1	ON	10.0
0.537000	40.39	---	56.00	15.61	L1	ON	10.0
0.582000	---	35.78	46.00	10.22	L1	ON	10.0
0.582000	39.59	---	56.00	16.41	L1	ON	10.0
0.627000	---	35.56	46.00	10.44	L1	ON	10.0
0.627000	---	36.10	46.00	9.90	L1	ON	9.9
0.672000	39.74	---	56.00	16.26	L1	ON	9.9
0.717000	---	37.88	46.00	8.12	L1	ON	9.9
0.717000	43.04	---	56.00	12.96	L1	ON	9.9

END OF TEST REPORT