



FCC RADIO TEST REPORT

FCC ID : A4RGUL82
Equipment : Phone
Model Name : GUL82
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, CA, 94043 USA
Standard : FCC Part 15 Subpart C §15.247

The product was received on Dec. 12, 2024 and testing was performed from Dec. 17, 2024 to Mar. 21, 2025. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR4N0918B	01	Initial issue of report	Apr. 17, 2025
FR4N0918B	02	Revise Appendix A. This report is an updated version, replacing the report issued on Apr. 17, 2025.	May 14, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(2)	6dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.247(b)(3) 15.247(b)(4)	Output Power	Pass	-
3.3	15.247(e)	Power Spectral Density	Pass	-
3.4	15.247(d)	Conducted Band Edges and Spurious Emission	Pass	-
3.5	15.247(d)	Radiated Band Edges and Spurious Emission	Pass	-
3.6	15.207	AC Conducted Emission	Pass	-
3.7	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturee who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: William Chen

Report Producer: Mila Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs GSM/WCDMA/LTE/5G NR/NTN, Bluetooth, BLE, BLE channel sounding, Thread, Wi-Fi 802.11be, NFC, WPC Rx, UWB and GNSS Rx.		
Antenna Type Bluetooth: <Ant. 3>: IFA Antenna <Ant. 4>: ILA Antenna		
EUT Information List		
S/N	Performed Test Item	
4B151FDCQ0000L	RF Conducted Measurement	
4B191FDCQ000A9	Radiated Spurious Emission	
51061FDCQ000B2	Conducted Emission	
Antenna information		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	Ant.3: -0.1 Ant.4: -1.1

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.1.1 Antenna Directional Gain

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the k th antenna is being fed by spatial stream j , or zero if it is not;
 G_k is the gain in dBi of the k th antenna.

As minimum $N_{SS}=1$ is supported by EUT, the formula can be simplified as:

Directional gain = $10 \cdot \log[(10^{G_1 / 20} + 10^{G_2 / 20} + \dots + 10^{G_N / 20})^2 / N_{ANT}]$ dBi

Where $G_1, G_2, \dots, G_N$ denote single antenna gain.

The directional gain "DG" is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 3	Ant 4	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Bluetooth	-0.10	-1.10	2.42	2.42	0.00	0.00

Calculation example:

If a device has two antenna, $G_{ANT3} = -0.10$ dBi; $G_{ANT4} = -1.10$ dBi

Directional gain derived from formula which is

$$10 \times \log \left\{ \left[10^{(-0.10 \text{ dBi} / 20)} + 10^{(-1.10 \text{ dBi} / 20)} \right]^2 / 2 \right\}$$

$$= 2.42 \text{ dBi}$$

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. TH05-HY, CO07-HY, 03CH16-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW3786

1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	0	2402	21	2444
	1	2404	22	2446
	2	2406	23	2448
	3	2408	24	2450
	4	2410	25	2452
	5	2412	26	2454
	6	2414	27	2456
	7	2416	28	2458
	8	2418	29	2460
	9	2420	30	2462
	10	2422	31	2464
	11	2424	32	2466
	12	2426	33	2468
	13	2428	34	2470
	14	2430	35	2472
	15	2432	36	2474
	16	2434	37	2476
	17	2436	38	2478
	18	2438	39	2480
	19	2440	-	-
	20	2442	-	-

2.2 Test Mode

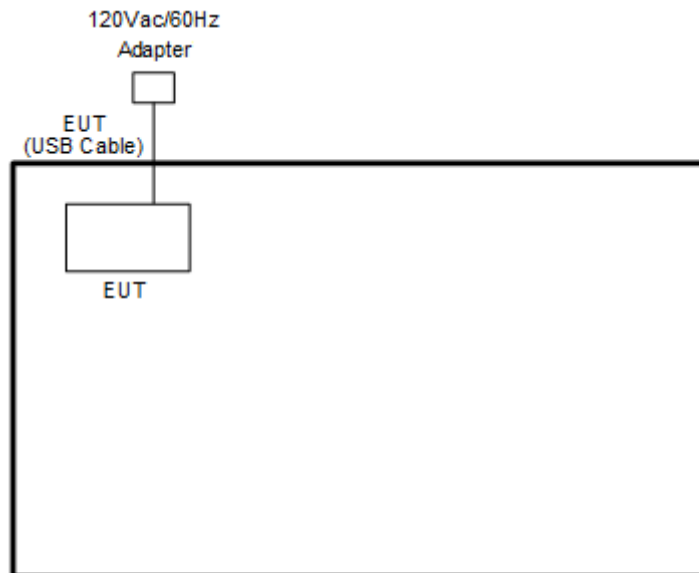
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find X Plane with Adapter as worst plane.
- b. The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.
- c. AC power line Conducted Emission was tested under maximum output power.

The following summary table is showing all test modes to demonstrate in compliance with the standard.

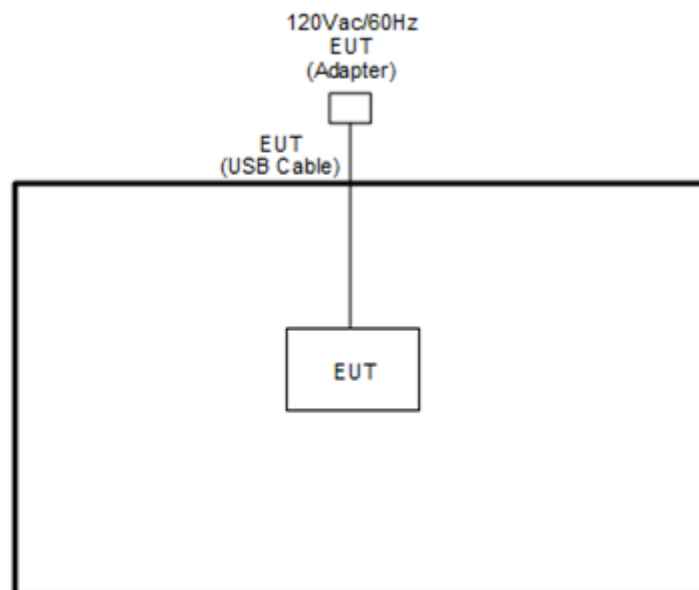
Summary table of Test Cases	
Test Item	Data Rate / Modulation
Conducted Test Cases	Bluetooth – LE / GFSK
	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps
	Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps
	Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps
	Mode 4: Bluetooth Tx CH01_2404 MHz_2Mbps
	Mode 5: Bluetooth Tx CH19_2440 MHz_2Mbps
	Mode 6: Bluetooth Tx CH38_2478 MHz_2Mbps
AC Conducted Emission	Mode 1: Bluetooth-LE 1M Channel 19 TX
Remark: - For Radiated Test Cases, the tests were performed with USB Cable 2. - The detailed Radiated test modes are shown in Appendix C. - For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power. - Bluetooth-LE 2Mbps does not support primary advertising channels; it does not support channel 00 and channel 39.	

2.3 Connection Diagram of Test System

<AC Conducted Emission Mode>



<Bluetooth-LE Tx Mode>





2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Adapter	Aohai	G9BR1	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "BT DUT Control GUI.exe (v.03-11-24)" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 4.2 + 10 = 14.2 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

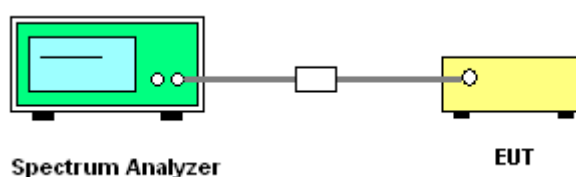
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW) $\geq 3 * RBW$.
6. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.

3.1.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5 MHz, the limit for output power is 30 dBm. If transmitting antenna of directional gain greater than 6 dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

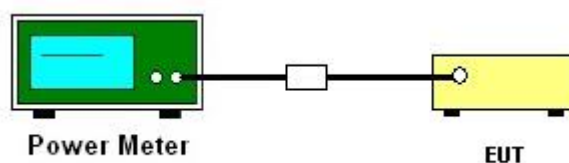
3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

1. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
2. The RF output of EUT is connected to the power meter by RF cable and attenuator.
3. The path loss is compensated to the results for each measurement.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Average Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8 dBm in any 3 kHz band at any time interval of continuous transmission.

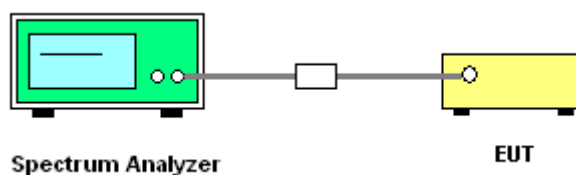
3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth (VBW) = 10 kHz. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6 dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.
7. The Measured power density (dBm)/ 100 kHz is a reference level and is used as 20 dBc down limit line for Conducted Band Edges and Conducted Spurious Emission.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission

All harmonics/spurious must be at least 30 dB down from the highest emission level within the authorized band.

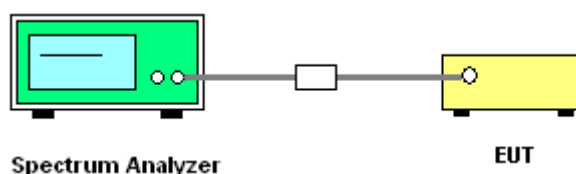
3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedure

1. The testing follows the ANSI C63.10 Section 11.11.3 Emission level measurement.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Set RBW = 100 kHz, VBW = 300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edges Plots

Please refer to Appendix A.

3.4.6 Test Result of Conducted Spurious Emission Plots

Please refer to Appendix A.

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

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

3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

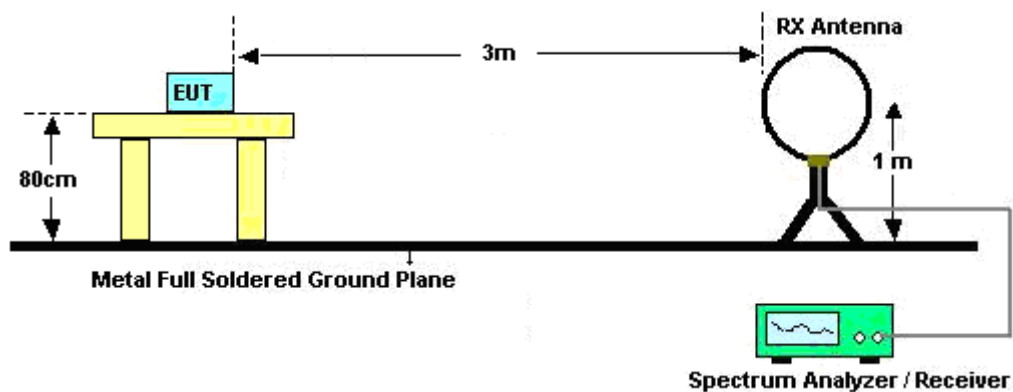


3.5.3 Test Procedures

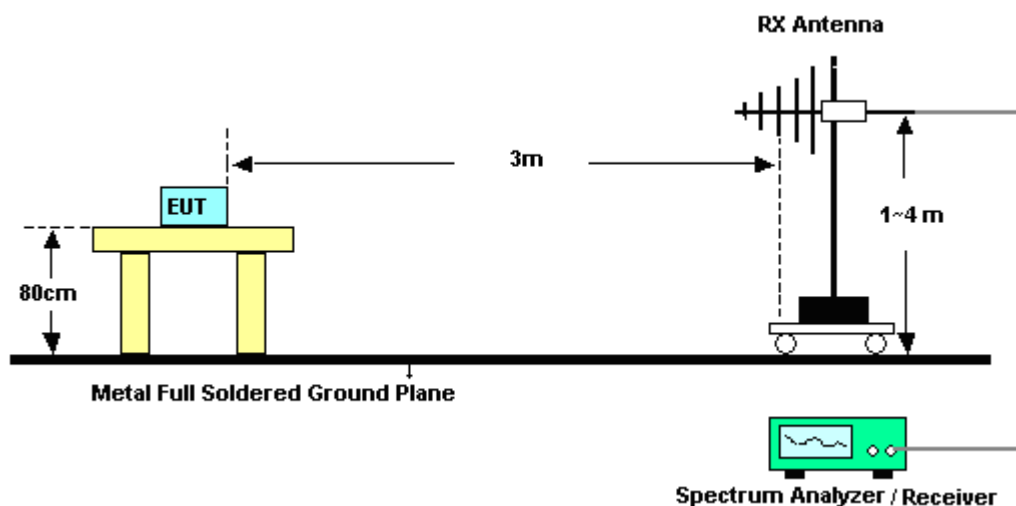
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW = 100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW = 3 MHz for $f \geq 1$ GHz for peak measurement.
For average measurement:
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.5.4 Test Setup

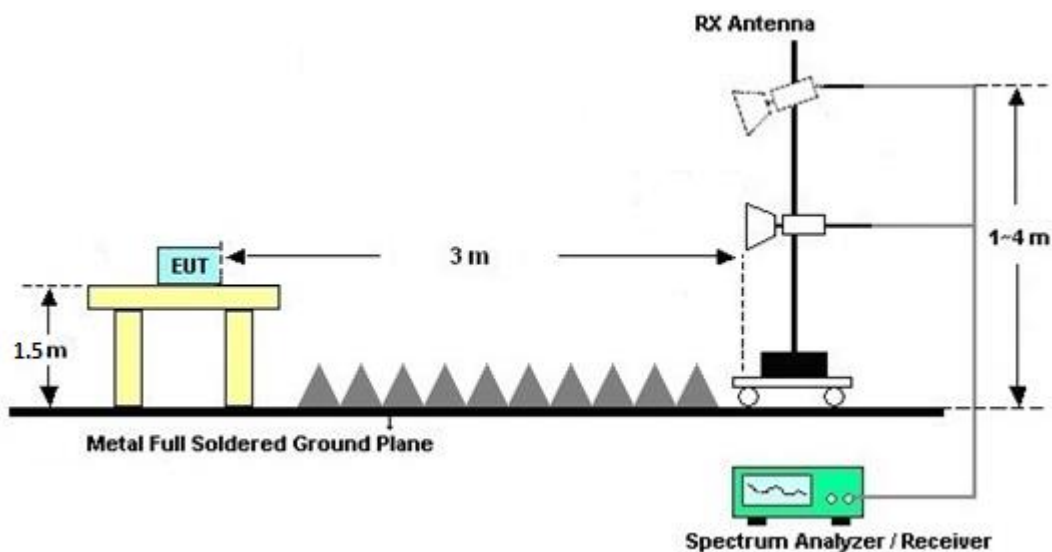
For radiated test below 30MHz



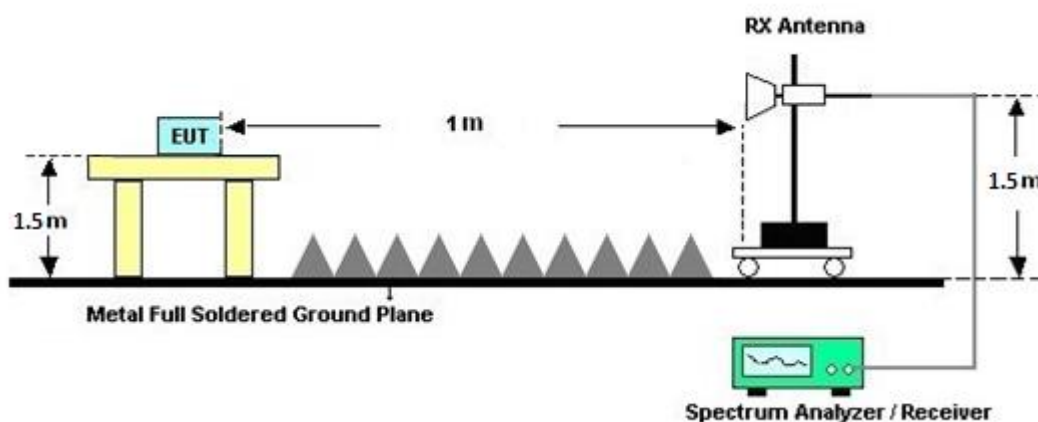
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.5.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result comes out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.5.7 Duty Cycle

Please refer to Appendix D.

3.5.8 Test Result of Radiated Spurious Emission (30 MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

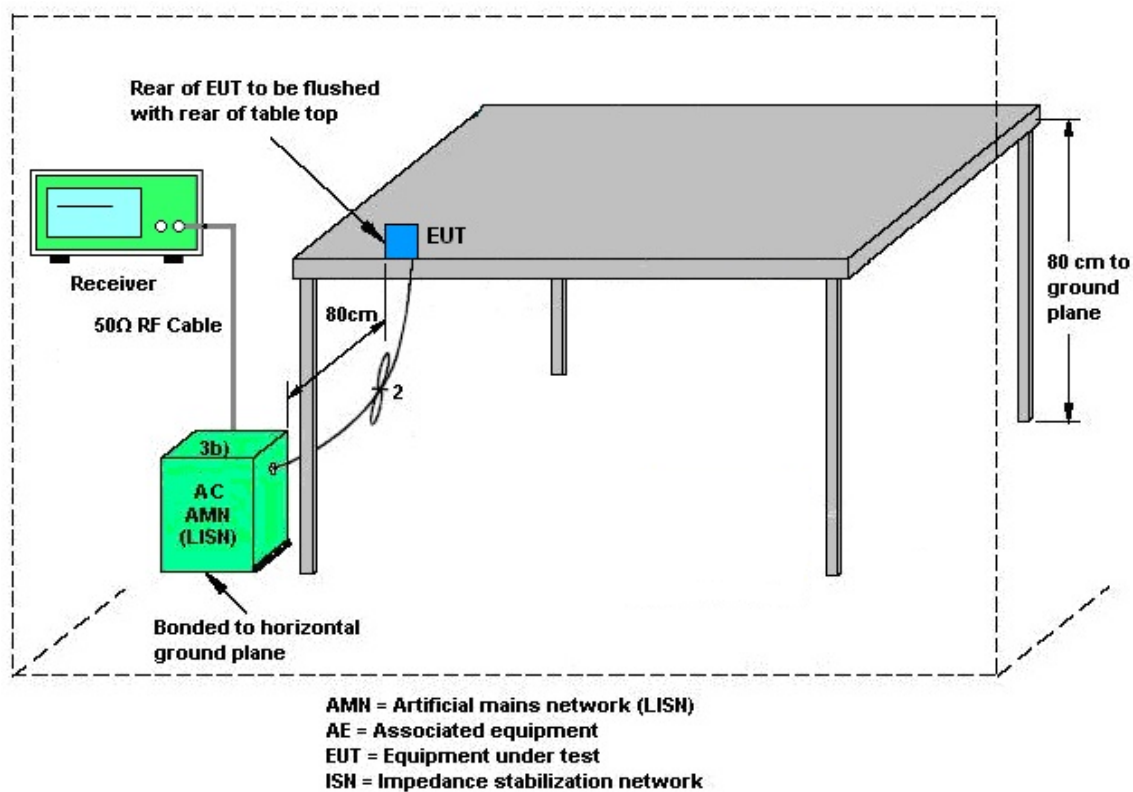
3.6.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.6.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9 kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.7 Antenna Requirements

3.7.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.7.2 Antenna Anti-Replacement Construction

b) Unique (non-standard) antenna connector.

(3) Use of a standard connector is also allowed if the connector is within the transmitter enclosure and can only be accessed by disassembly of the transmitter, where such disassembly is not normally required. The user manual must not show that user has access to the connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9kHz~30MHz	Aug. 29, 2024	Dec. 20, 2024~ Mar. 10, 2025	Aug. 28, 2025	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1224	18GHz~40GHz	Oct. 25, 2024	Dec. 20, 2024~ Mar. 10, 2025	Oct. 24, 2025	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A(MXE)	MY57290111	3Hz~26.5GHz	Nov. 22, 2024	Dec. 20, 2024~ Mar. 10, 2025	Nov. 21, 2025	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz to 1GHz	Oct. 05, 2024	Dec. 20, 2024~ Mar. 10, 2025	Oct. 04, 2025	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Mar. 28, 2024	Dec. 20, 2024~ Mar. 10, 2025	Mar. 27, 2025	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1328	1G~18GHz	Dec. 06, 2024	Mar. 24, 2025	Dec. 05, 2025	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1GHz	Jul. 02, 2024	Dec. 20, 2024~ Mar. 10, 2025	Jul. 01, 2025	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 05, 2024	Dec. 20, 2024~ Mar. 10, 2025	Dec. 04, 2025	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 25, 2023	Dec. 20, 2024~ Dec. 23, 2024	Dec. 24, 2024	Radiation (03CH16-HY)
Preamplifier	EMEC	EM1G18G	060812	1GHz~18GHz	Dec. 24, 2024	Dec. 24, 2024~ Mar. 10, 2025	Dec. 23, 2025	Radiation (03CH16-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May 27, 2024	Dec. 20, 2024~ Mar. 10, 2025	May 26, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000- 1530-8000- 40SS	SN17	1.53GHz Low Pass Filter	Jan. 15, 2024	Dec. 20, 2024~ Jan. 13, 2025	Jan. 14, 2025	Radiation (03CH16-HY)
Filter	Wainwright	WLK4-1000- 1530-8000- 40SS	SN17	1.53GHz Low Pass Filter	Jan. 14, 2025	Jan. 14, 2025~ Mar. 10, 2025	Jan. 13, 2026	Radiation (03CH16-HY)
Filter	Wainwright	WHKX12- 2700-3000- 18000-60ST	SN3	3GHz High Pass Filter	Jun. 28, 2024	Dec. 20, 2024~ Mar. 10, 2025	Jun. 27, 2025	Radiation (03CH16-HY)
Notch Filter	ST1	STI15_9935_5 150-5850	NA	N/A	Apr. 05, 2024	Dec. 20, 2024~ Mar. 10, 2025	Apr. 04, 2025	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14- 5425-5825- 6525-6925- 60SS	SN1	N/A	Jan. 05, 2024	Dec. 20, 2024~ Jan. 02, 2025	Jan. 04, 2025	Radiation (03CH16-HY)
Notch Filter	Wainwright	WRCQV14- 5425-5825- 6525-6925- 60SS	SN1	N/A	Jan. 03, 2025	Jan. 03, 2025~ Mar. 10, 2025	Jan. 02, 2026	Radiation (03CH16-HY)
Filter	Wainwright	WHKX6-7268- 9200-26500- 40CD	SN2	9GHz High Pass Filter	May 22, 2024	Dec. 20, 2024~ Mar. 10, 2025	May 21, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22, 2024	Dec. 20, 2024~ Mar. 10, 2025	Apr. 21, 2025	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLE X 104	EC-A5-300- 5757,805935/ 4,802434/4	30MHz~18GHz	Aug. 07, 2024	Dec. 20, 2024~ Mar. 10, 2025	Aug. 06, 2025	Radiation (03CH16-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEPEL	DTM-303A	TP201996	N/A	Nov. 01, 2024	Dec. 17, 2024~ Dec. 27, 2024	Oct. 31, 2025	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 35 (NO:109)	10MHz~6GHz	Jan. 15, 2024	Dec. 17, 2024~ Dec. 27, 2024	Jan. 14, 2025	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2024	Dec. 17, 2024~ Dec. 27, 2024	Aug. 22, 2025	Conducted (TH05-HY)
Switch Control Mainframe	Burgeon	ETF-058	EC1300484 (BOX3)	N/A	May 20, 2024	Dec. 17, 2024~ Dec. 27, 2024	May 19, 2025	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24121 1	N/A	Conducted Other Test Item	N/A	Dec. 17, 2024~ Dec. 27, 2024	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Mar. 19, 2025~ Mar. 21, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Mar. 19, 2025~ Mar. 21, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 23, 2024	Mar. 19, 2025~ Mar. 21, 2025	Oct. 22, 2025	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Mar. 19, 2025~ Mar. 21, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Lisn	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 12, 2024	Mar. 19, 2025~ Mar. 21, 2025	Dec. 11, 2025	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 23, 2024	Mar. 19, 2025~ Mar. 21, 2025	Sep. 22, 2025	Conduction (CO07-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.9 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Mina Liu	Temperature:	21~25	°C
Test Date:	2024/12/17~2024/12/27	Relative Humidity:	51~54	%

TEST RESULTS DATA **6dB and 99% Occupied Bandwidth**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)		6dB BW (MHz)		6dB BW Limit (MHz)	Pass /Fail
					Ant3	Ant4	Ant3	Ant4		
BLE	1Mbps	2	0	2402	1.049	1.049	0.717	0.715	0.50	Pass
BLE	1Mbps	2	19	2440	1.049	1.049	0.717	0.714	0.50	Pass
BLE	1Mbps	2	39	2480	1.049	1.049	0.716	0.717	0.50	Pass
BLE	2Mbps	2	1	2404	2.100	2.101	1.232	1.224	0.50	Pass
BLE	2Mbps	2	19	2440	2.101	2.101	1.228	1.226	0.50	Pass
BLE	2Mbps	2	38	2478	2.099	2.100	1.230	1.230	0.50	Pass

TEST RESULTS DATA **Average Power Table**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)	DG (dBi)	Total EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
					Ant3	Ant4	SUM					
BLE	1Mbps	2	0	2402	18.96	18.76	21.87	30.00	2.42	24.29	36.00	Pass
BLE	1Mbps	2	19	2440	18.84	18.71	21.79	30.00	2.42	24.21	36.00	Pass
BLE	1Mbps	2	39	2480	18.83	19.42	22.15	30.00	2.42	24.57	36.00	Pass
BLE	2Mbps	2	1	2404	19.40	18.84	22.14	30.00	2.42	24.56	36.00	Pass
BLE	2Mbps	2	19	2440	18.86	18.74	21.81	30.00	2.42	24.23	36.00	Pass
BLE	2Mbps	2	38	2478	19.10	19.50	22.31	30.00	2.42	24.73	36.00	Pass

TEST RESULTS DATA **Peak Power Density**

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	Peak PSD Worst +3.01 (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass /Fail
BLE	1Mbps	2	0	2402	18.42	3.79	6.80	2.42	8.00	Pass
BLE	1Mbps	2	19	2440	18.08	3.40	6.41	2.42	8.00	Pass
BLE	1Mbps	2	39	2480	18.75	4.04	7.05	2.42	8.00	Pass
BLE	2Mbps	2	1	2404	18.56	0.26	3.27	2.42	8.00	Pass
BLE	2Mbps	2	19	2440	18.09	-0.21	2.80	2.42	8.00	Pass
BLE	2Mbps	2	38	2478	18.42	0.50	3.51	2.42	8.00	Pass

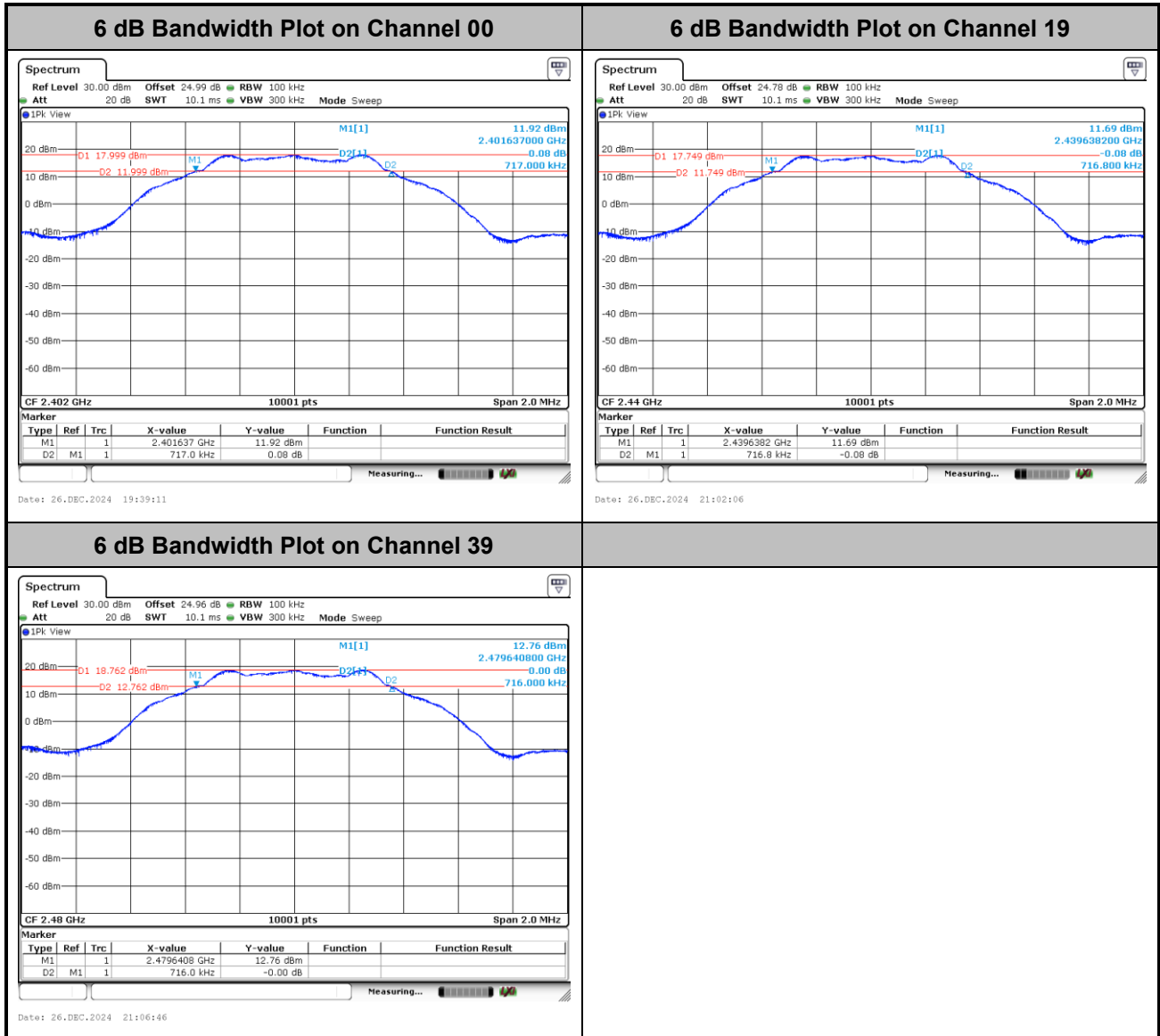
Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 30dBc limit.



Number of TX = 2, Ant. 3 (Measured)

6dB Bandwidth

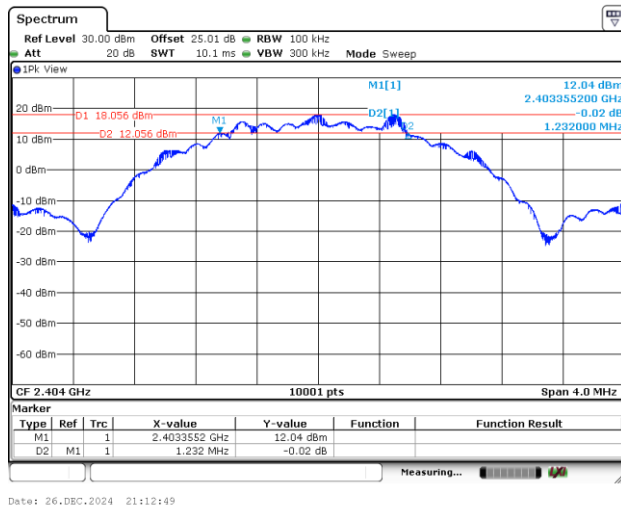
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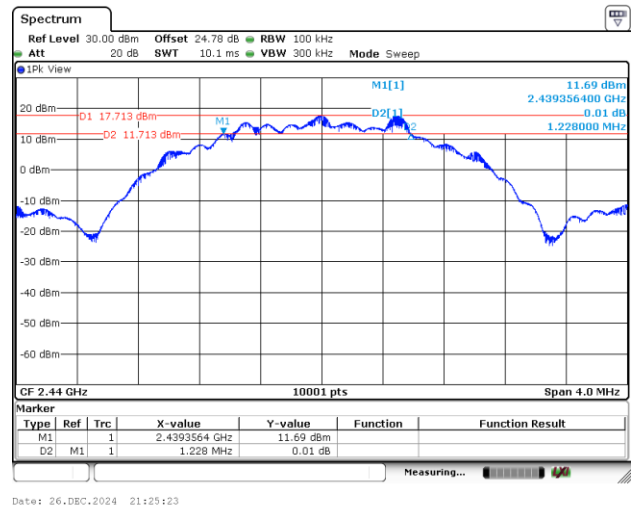


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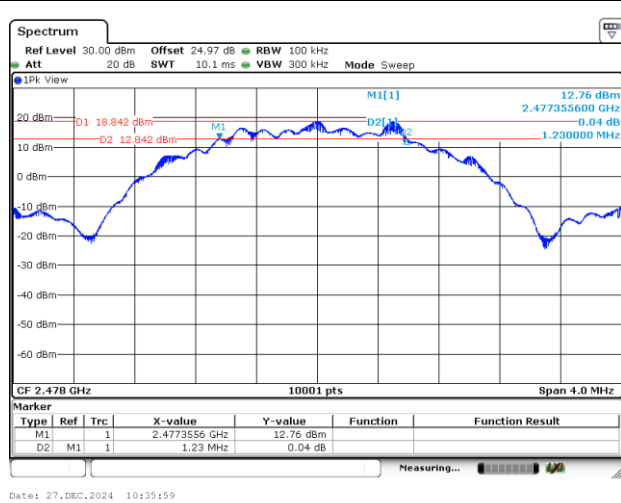
6 dB Bandwidth Plot on Channel 01



6 dB Bandwidth Plot on Channel 19



6 dB Bandwidth Plot on Channel 38

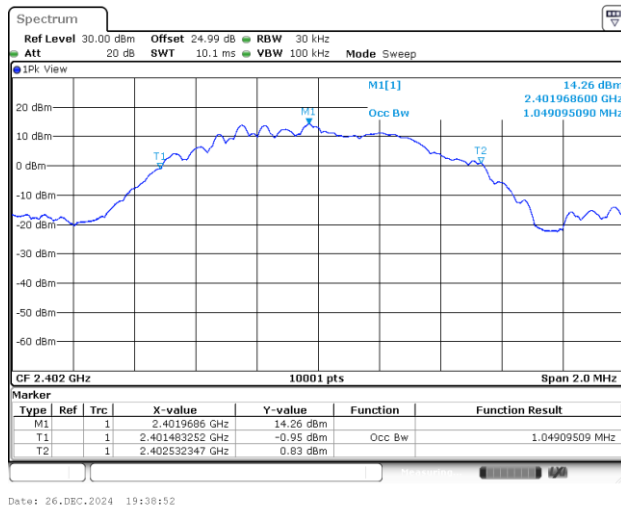




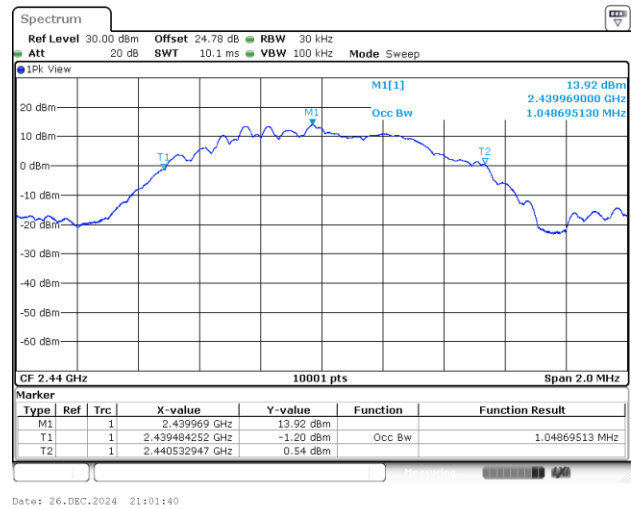
99% Occupied Bandwidth

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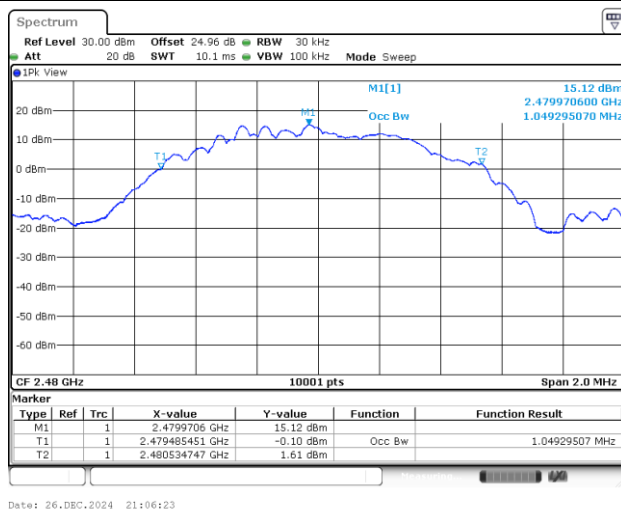
99% Occupied Bandwidth Plot on Channel 00



99% Occupied Bandwidth Plot on Channel 19



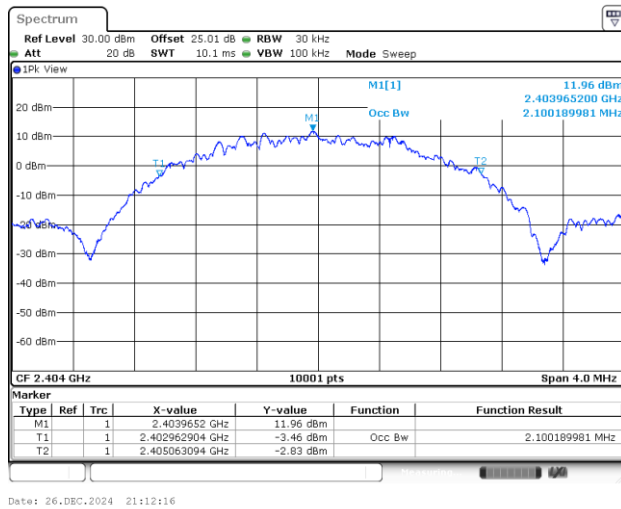
99% Occupied Bandwidth Plot on Channel 39



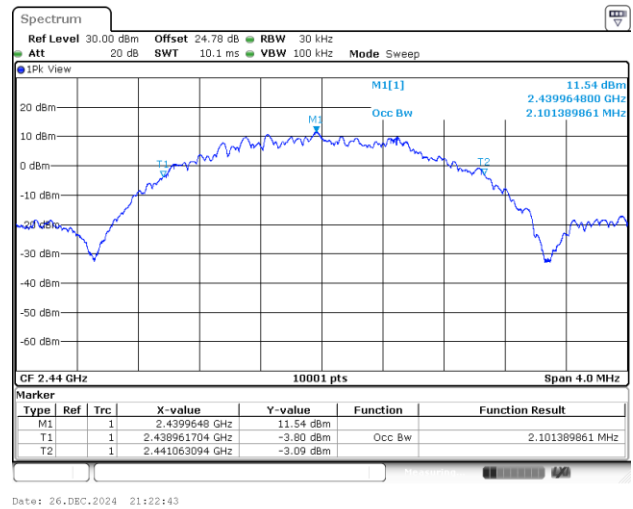


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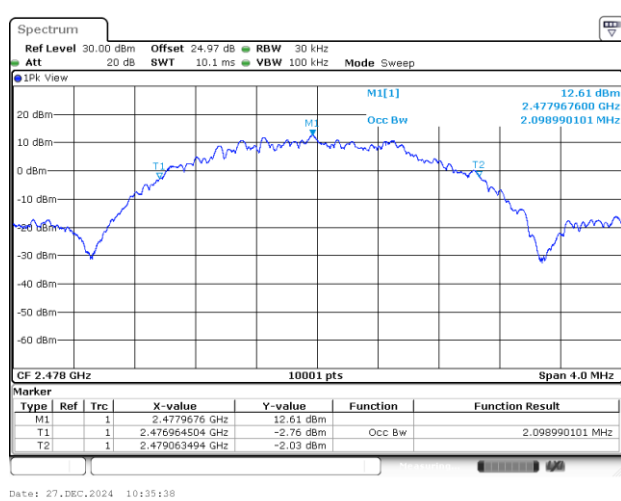
99% Occupied Bandwidth Plot on Channel 01



99% Occupied Bandwidth Plot on Channel 19



99% Occupied Bandwidth Plot on Channel 38

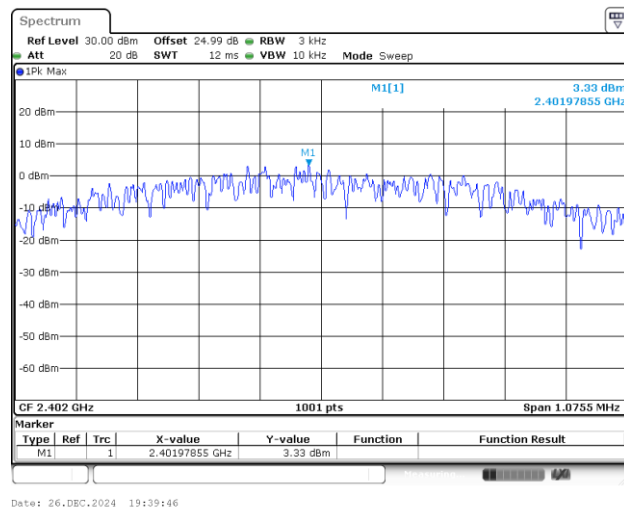




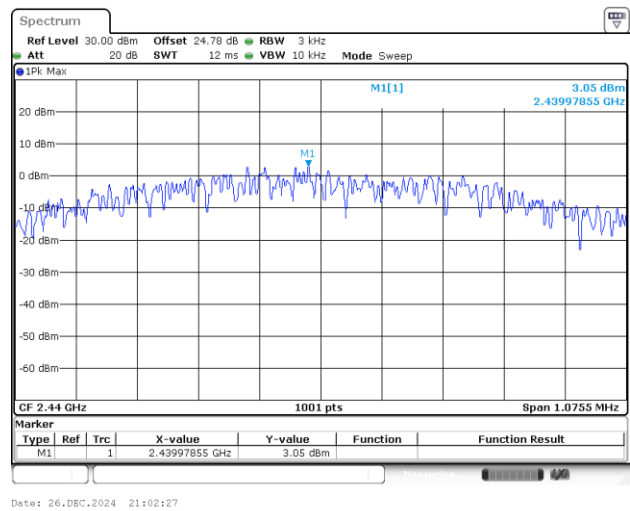
Power Spectral Density (dBm/3kHz)

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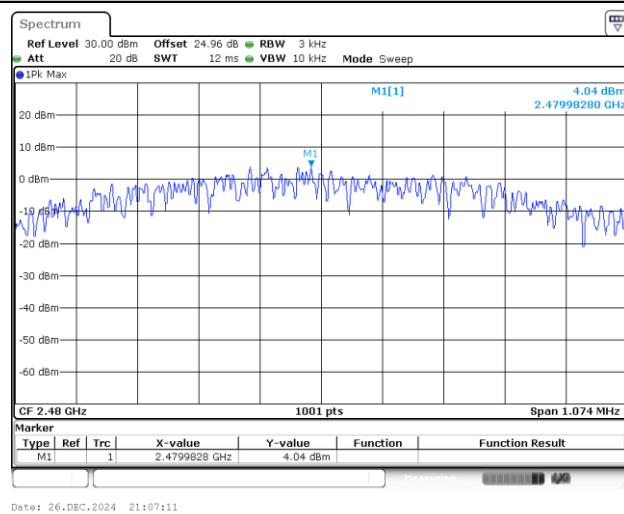
Power Density (dBm/3kHz) Plot Channel 00



Power Density (dBm/3kHz) Plot Channel 19



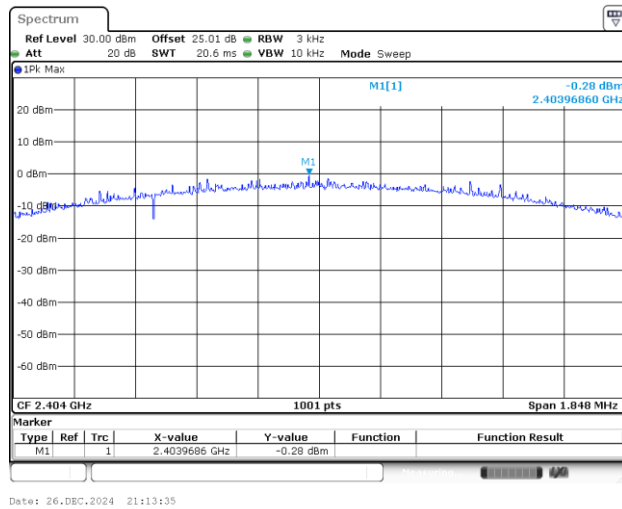
Power Density (dBm/3kHz) Plot Channel 39



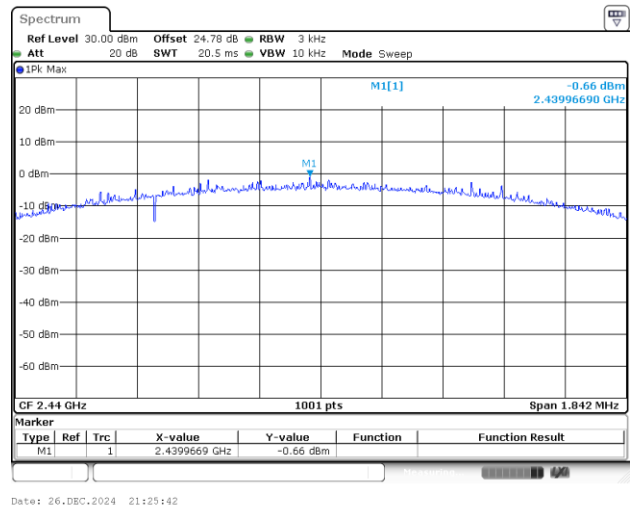


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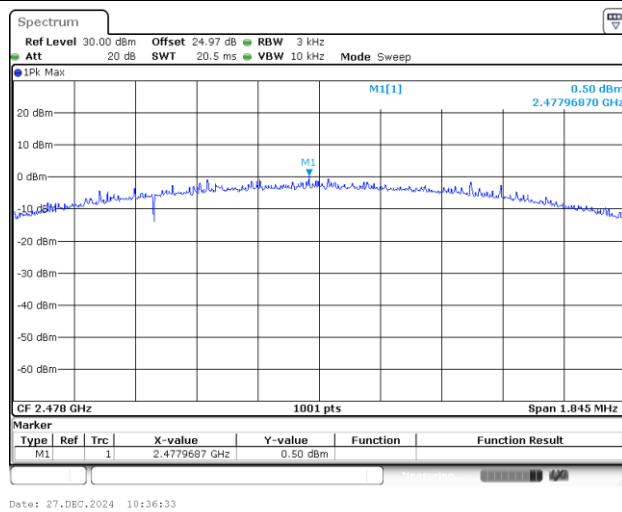
Power Density (dBm/3kHz) Plot Channel 01



Power Density (dBm/3kHz) Plot Channel 19



Power Density (dBm/3kHz) Plot Channel 38



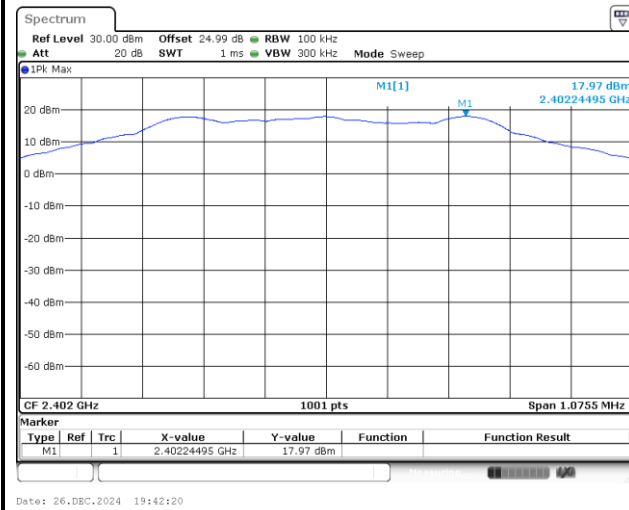


Band Edge and Conducted Spurious Emission

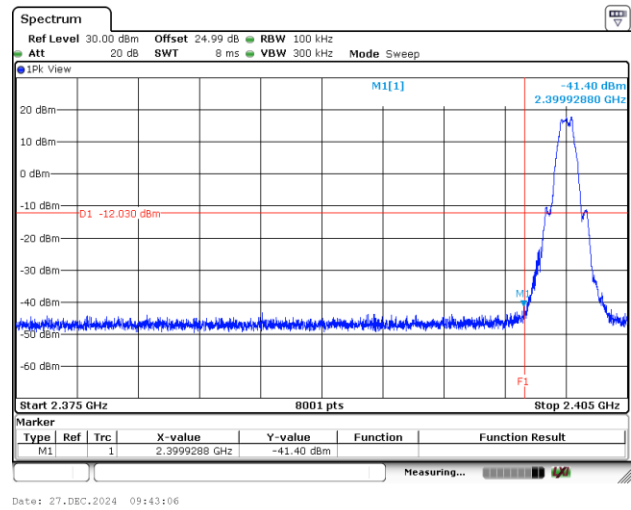
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Channel 00

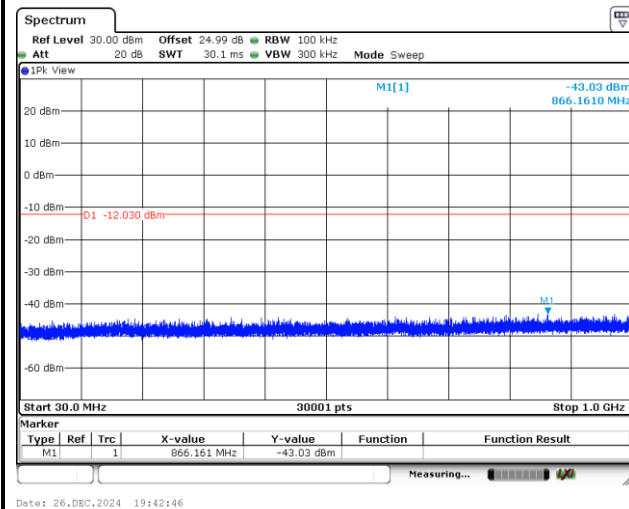
100kHz PSD reference Level Plot



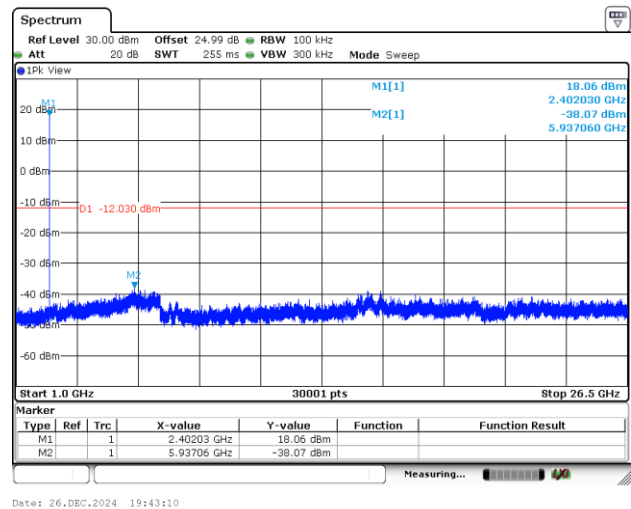
Plot on Channel 00



Spurious Emission 30MHz~1GHz Plot



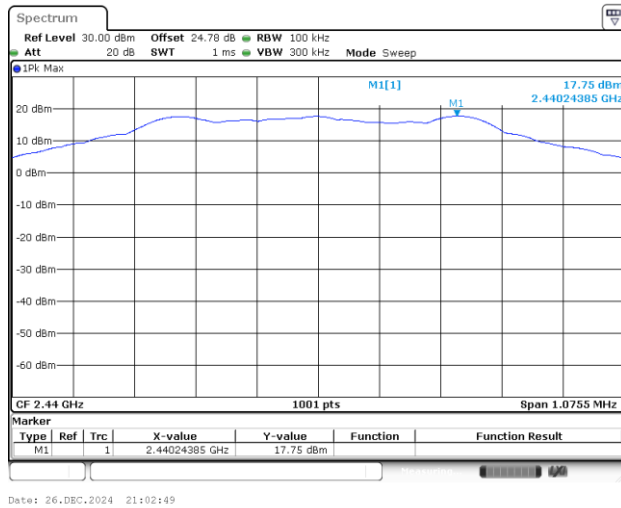
Spurious Emission 1GHz~26.5GHz Plot





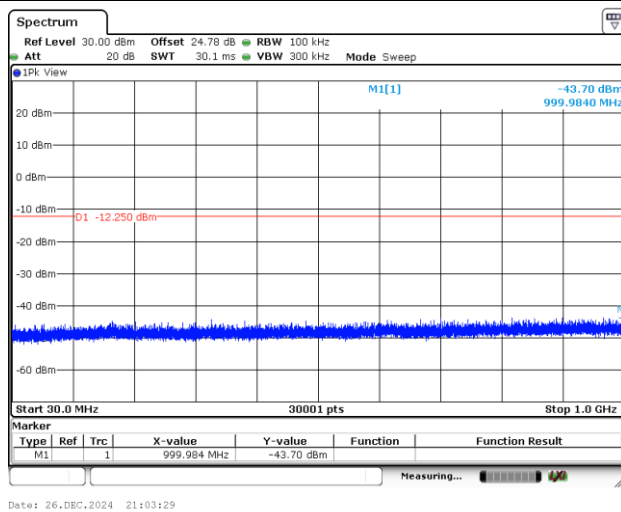
Channel 19

100kHz PSD reference Level Plot

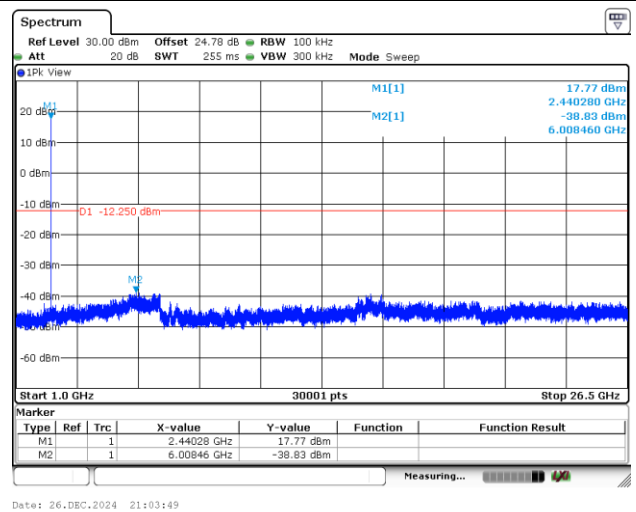


Plot on Channel 19

Spurious Emission 30MHz~1GHz Plot



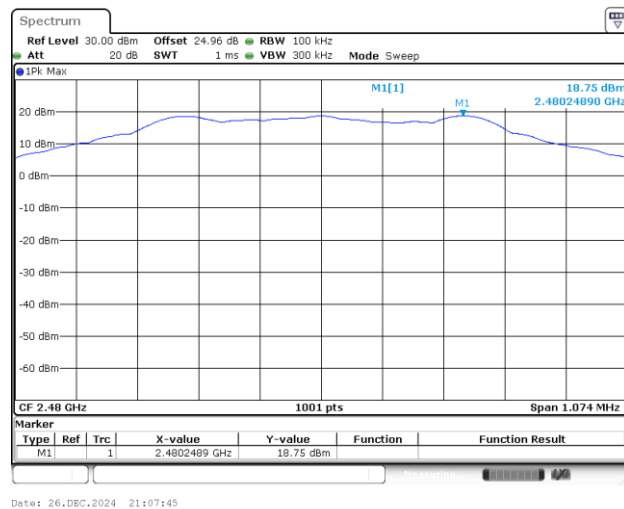
Spurious Emission 1GHz~26.5GHz Plot



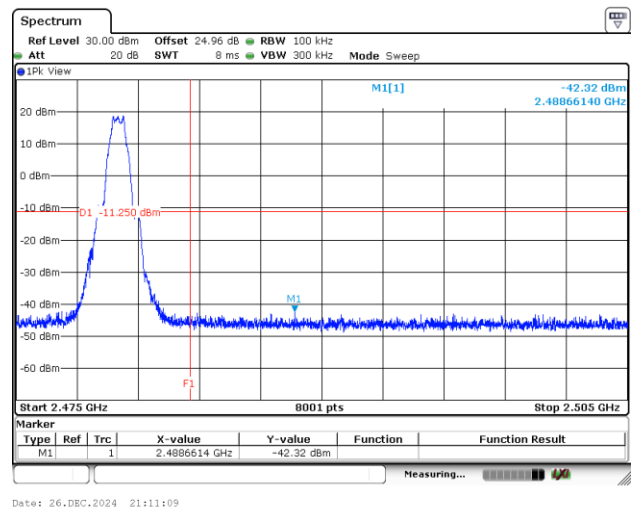


Channel 39

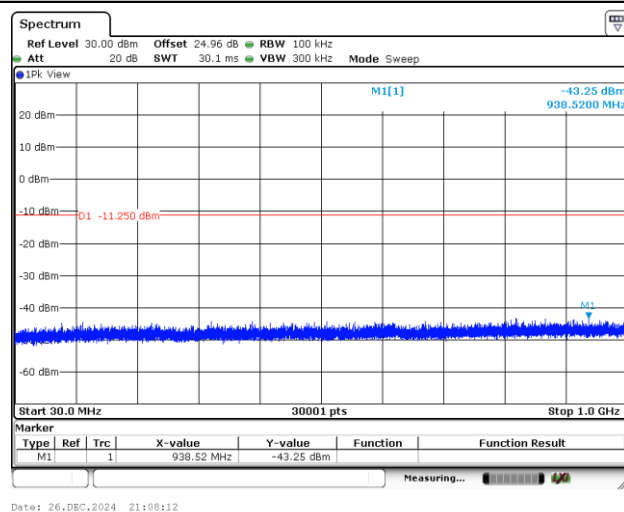
100kHz PSD reference Level Plot



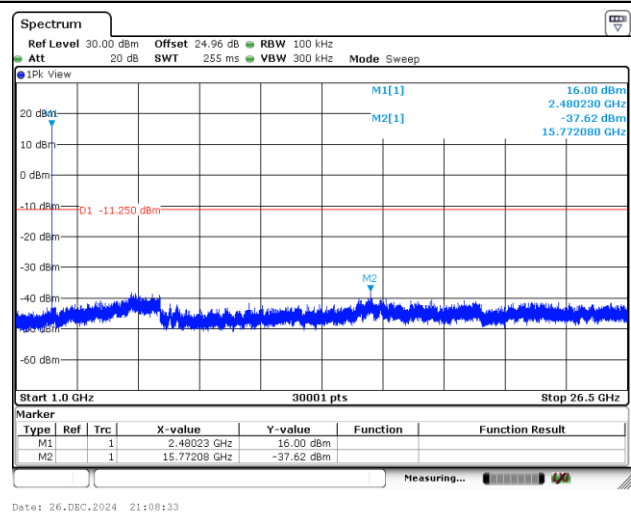
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot

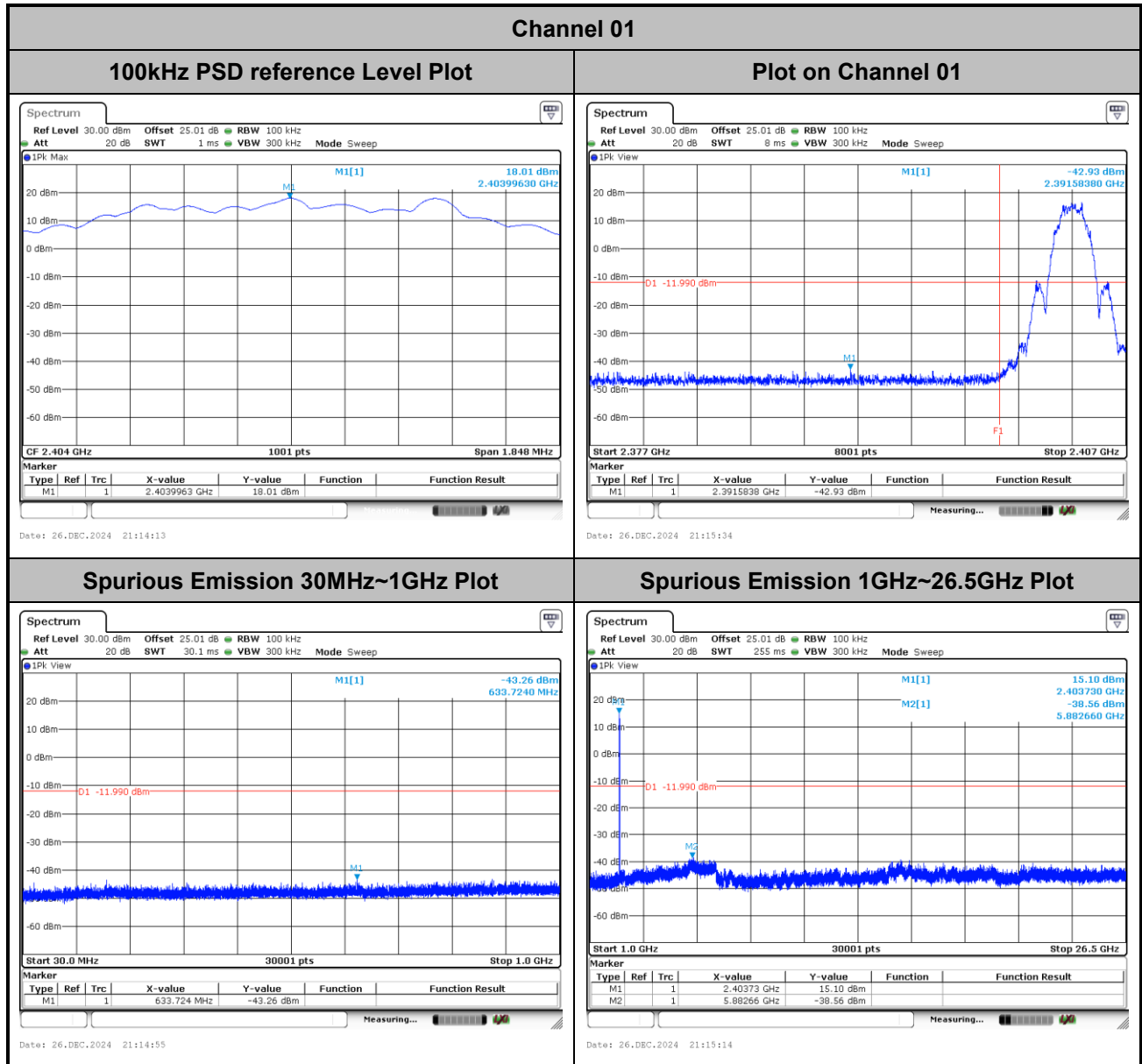


Spurious Emission 1GHz~26.5GHz Plot



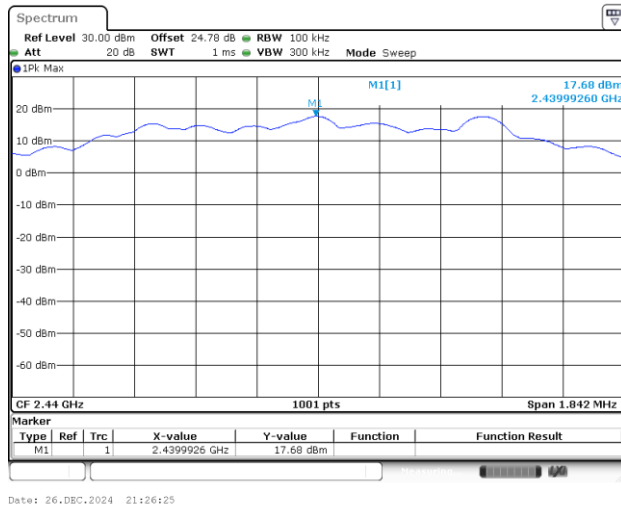


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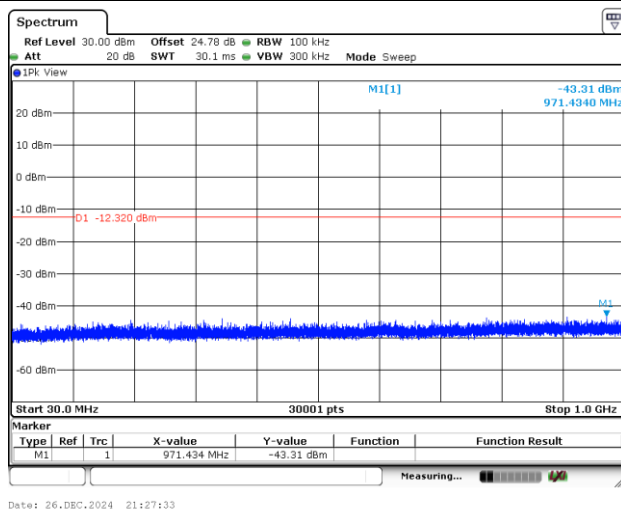
Channel 19

100kHz PSD reference Level Plot

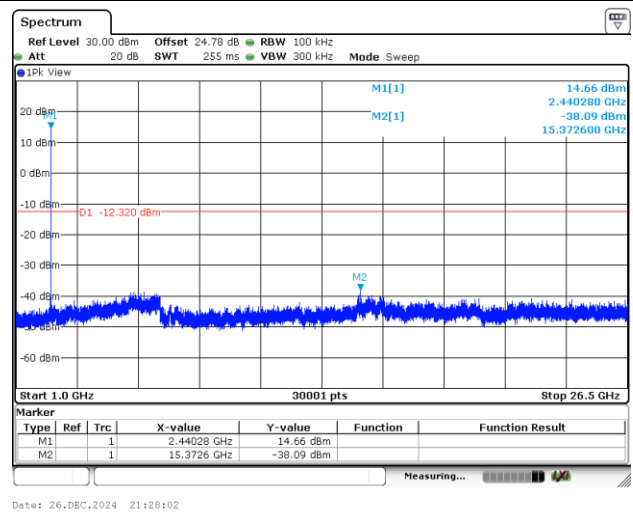


Plot on Channel 19

Spurious Emission 30MHz~1GHz Plot



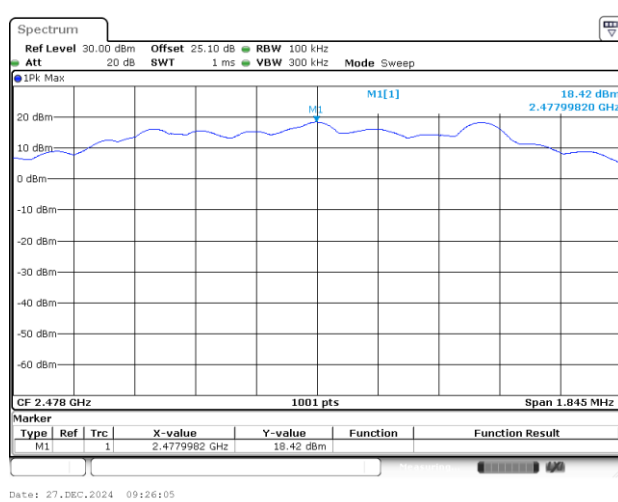
Spurious Emission 1GHz~26.5GHz Plot



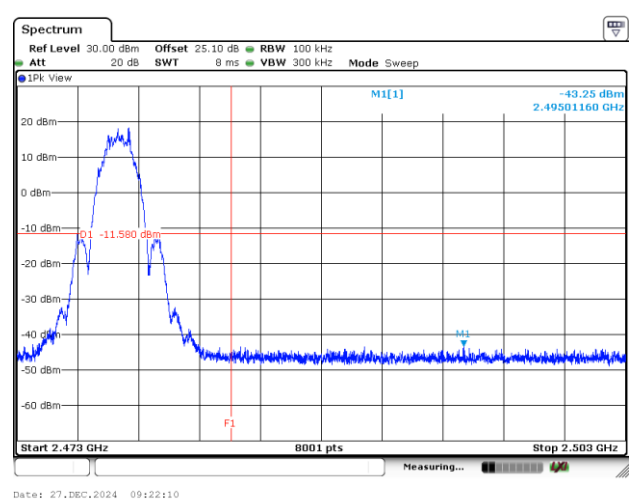


Channel 38

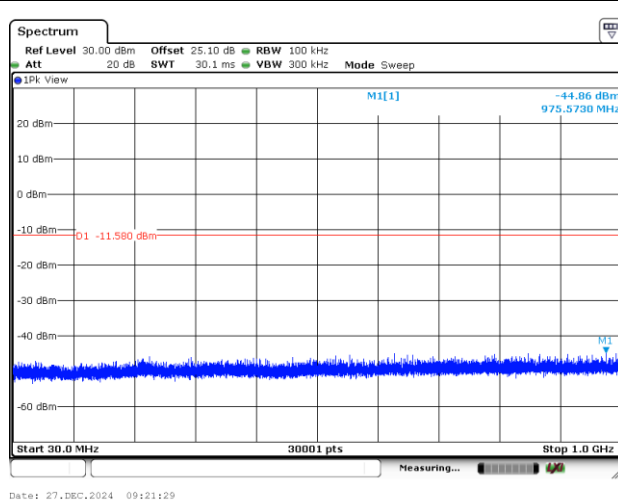
100kHz PSD reference Level Plot



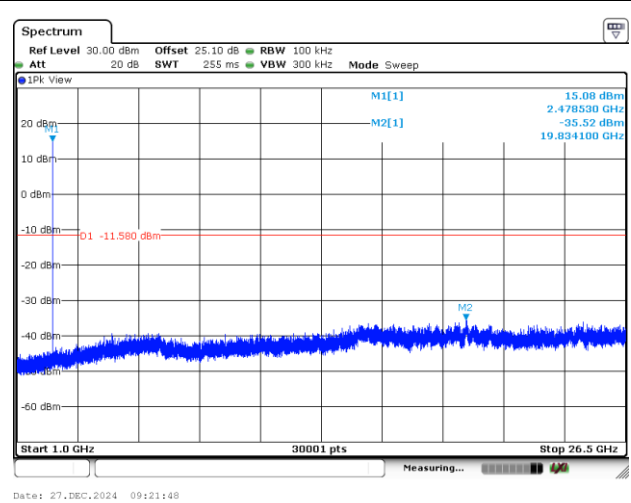
Plot on Channel 38



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot

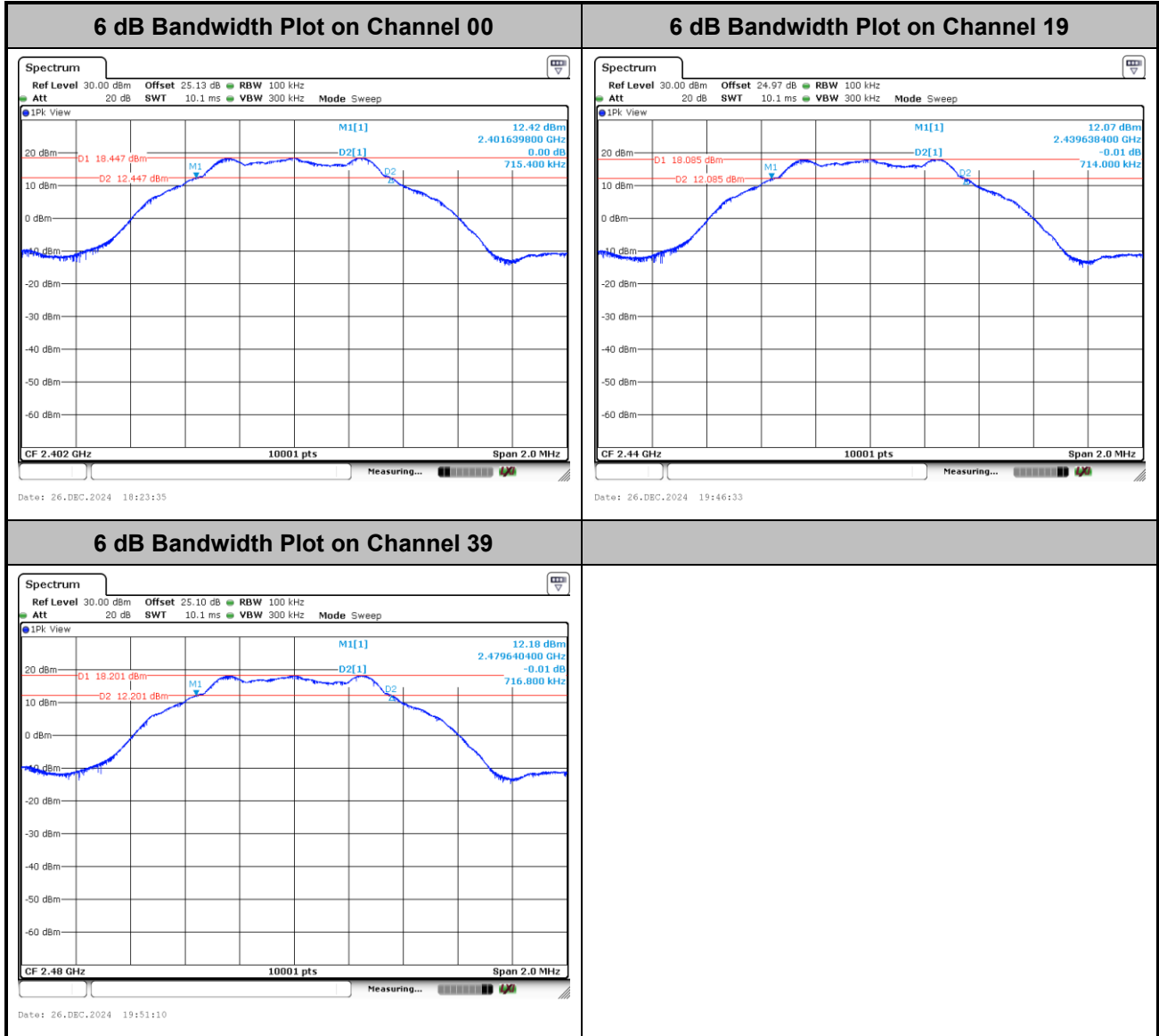




Number of TX = 2, Ant. 4 (Measured)

6dB Bandwidth

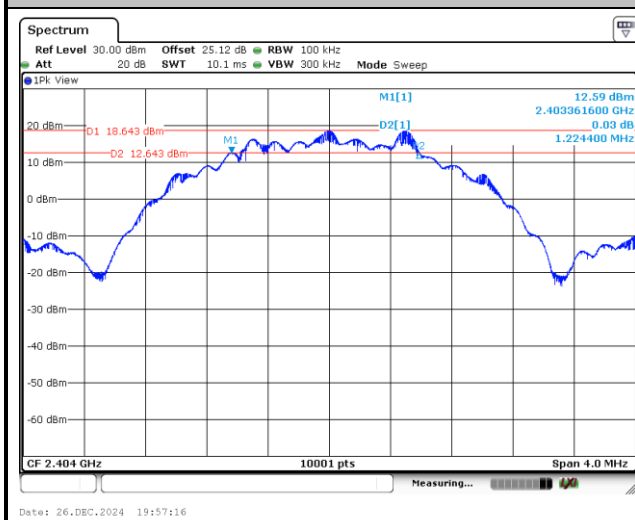
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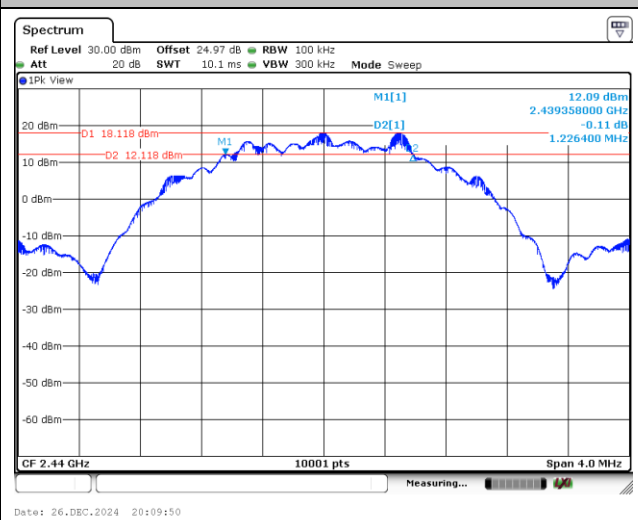


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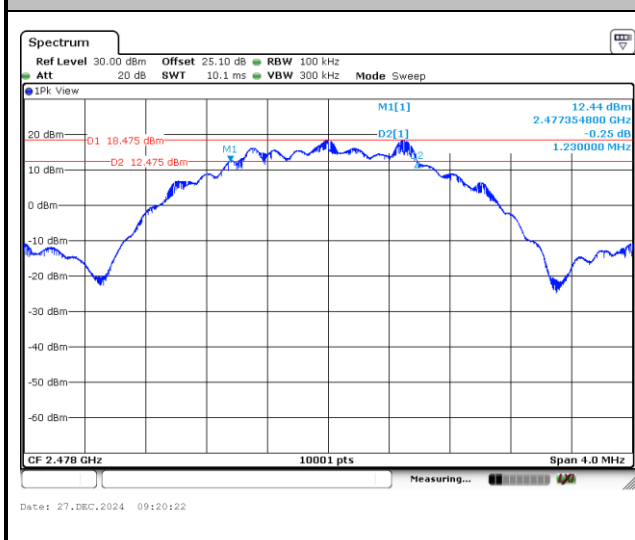
6 dB Bandwidth Plot on Channel 01



6 dB Bandwidth Plot on Channel 19



6 dB Bandwidth Plot on Channel 38

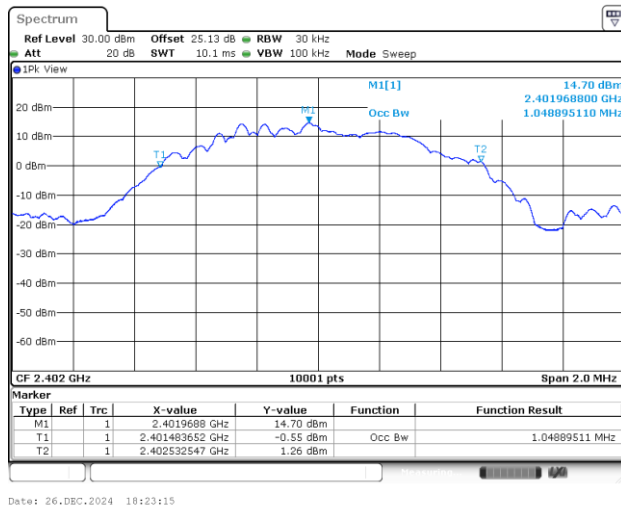




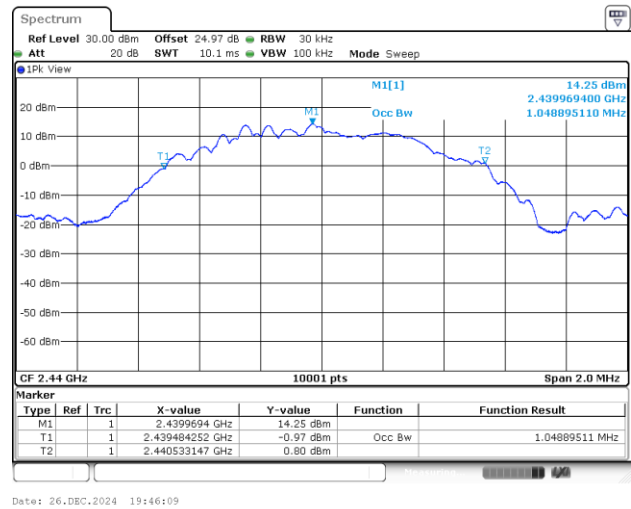
99% Occupied Bandwidth

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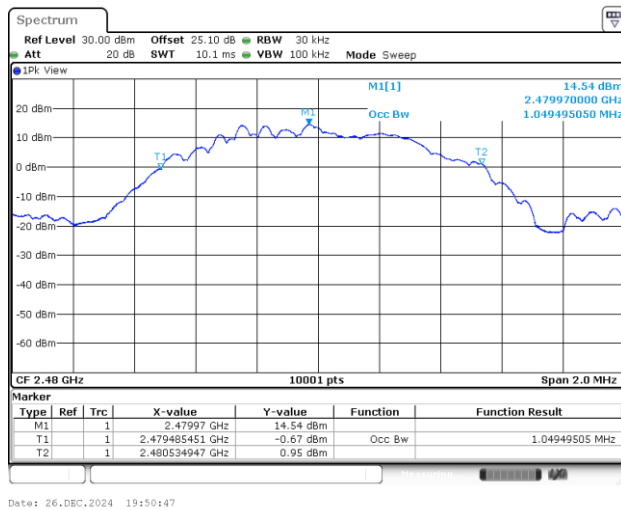
99% Occupied Bandwidth Plot on Channel 00



99% Occupied Bandwidth Plot on Channel 19



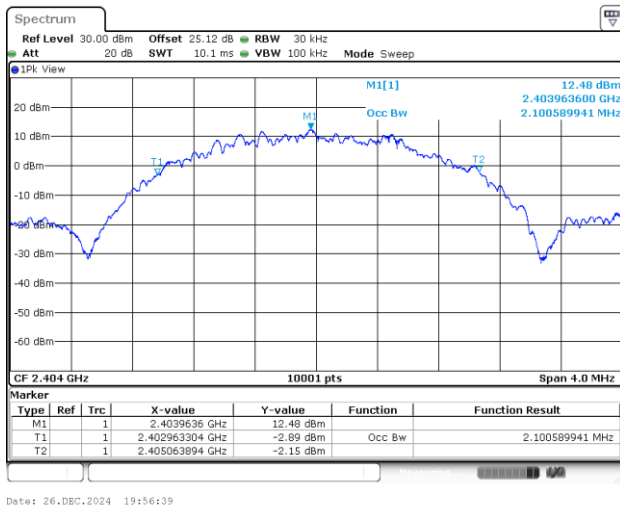
99% Occupied Bandwidth Plot on Channel 39



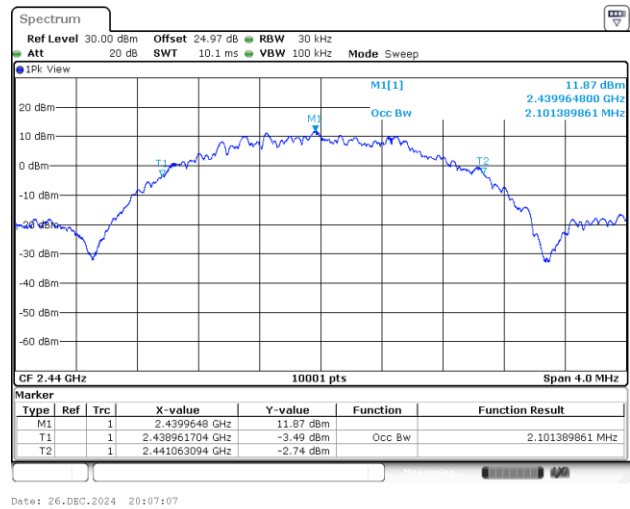


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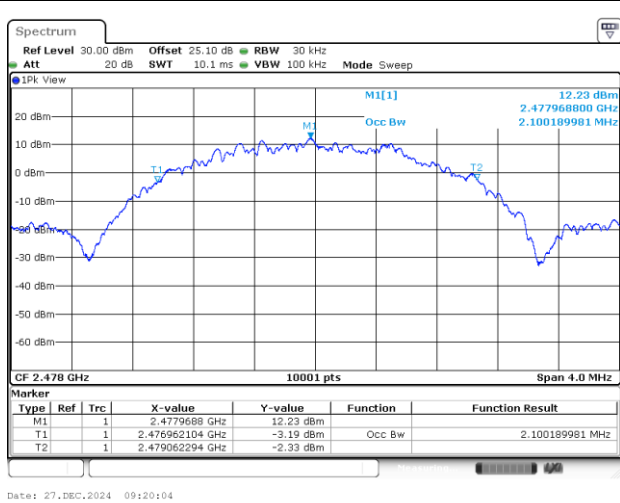
99% Occupied Bandwidth Plot on Channel 01



99% Occupied Bandwidth Plot on Channel 19



99% Occupied Bandwidth Plot on Channel 38

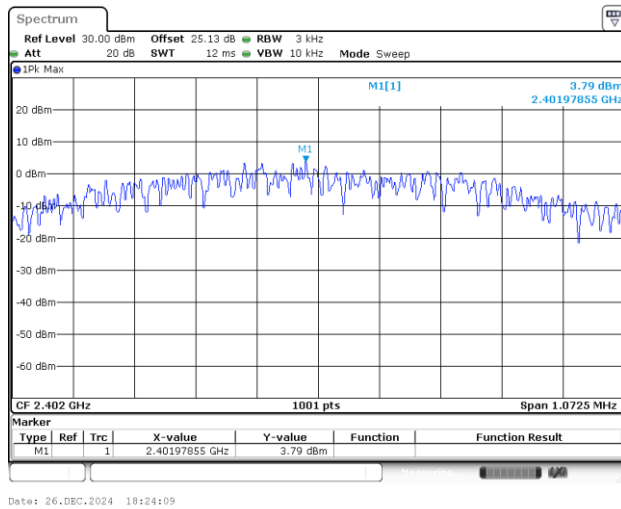




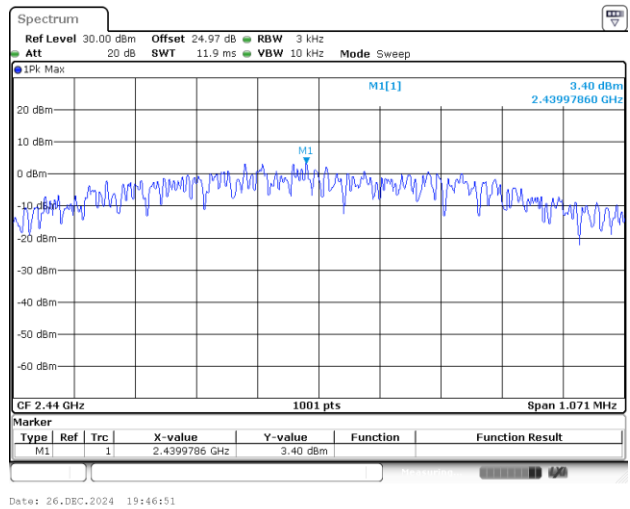
Power Spectral Density (dBm/3kHz)

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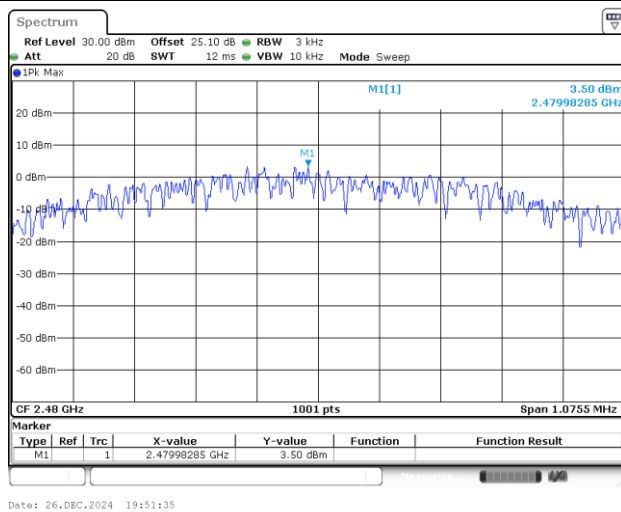
Power Density (dBm/3kHz) Plot Channel 00



Power Density (dBm/3kHz) Plot Channel 19



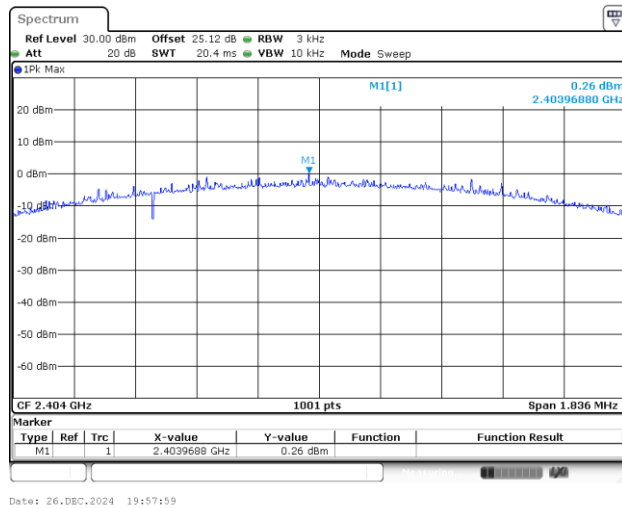
Power Density (dBm/3kHz) Plot Channel 39



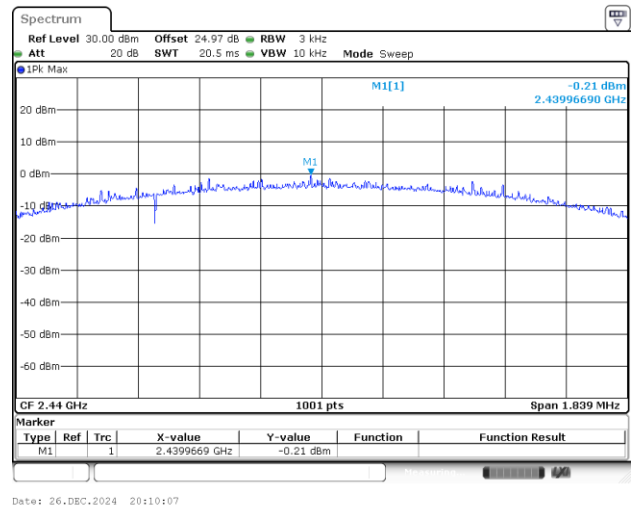


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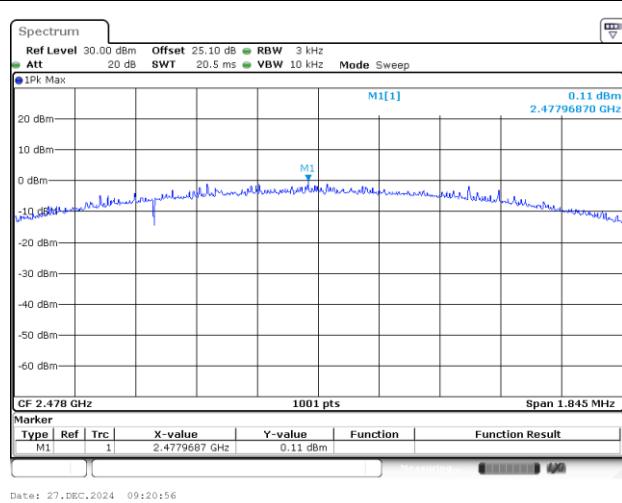
Power Density (dBm/3kHz) Plot Channel 01



Power Density (dBm/3kHz) Plot Channel 19

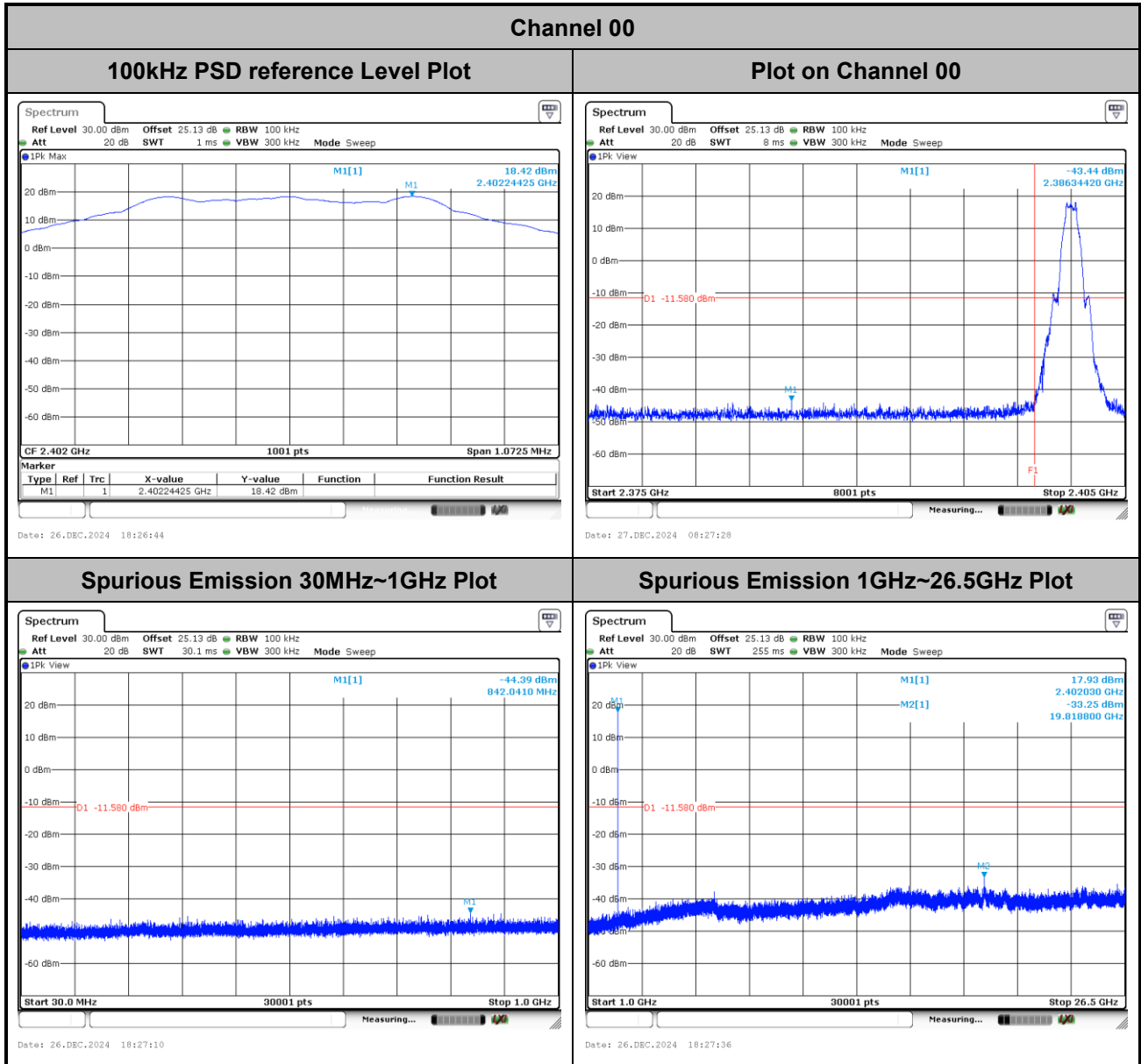


Power Density (dBm/3kHz) Plot Channel 38



Band Edge and Conducted Spurious Emission

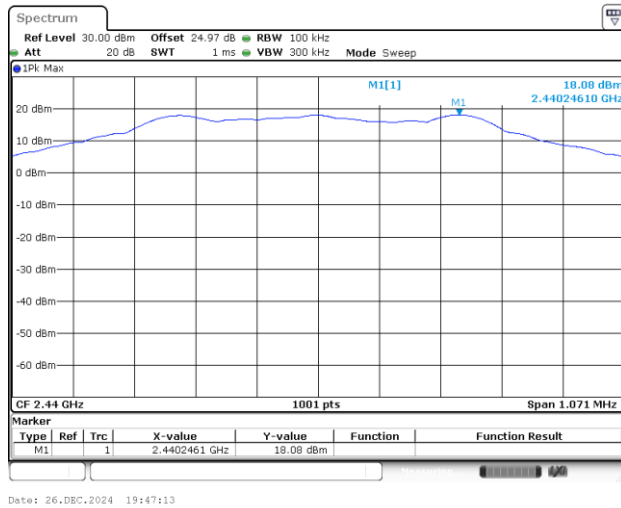
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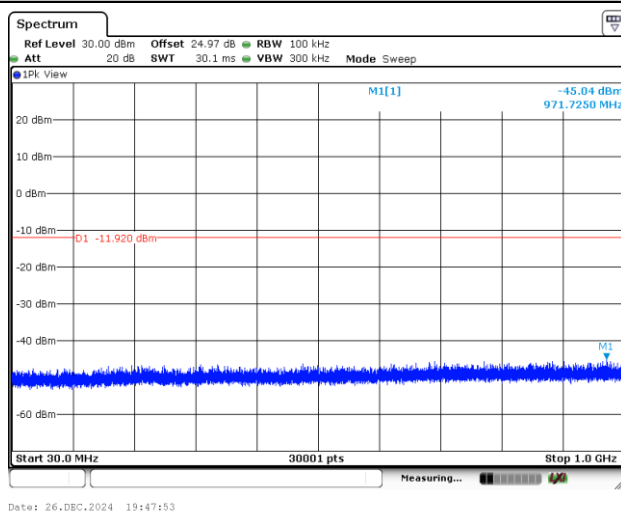
Channel 19

100kHz PSD reference Level Plot

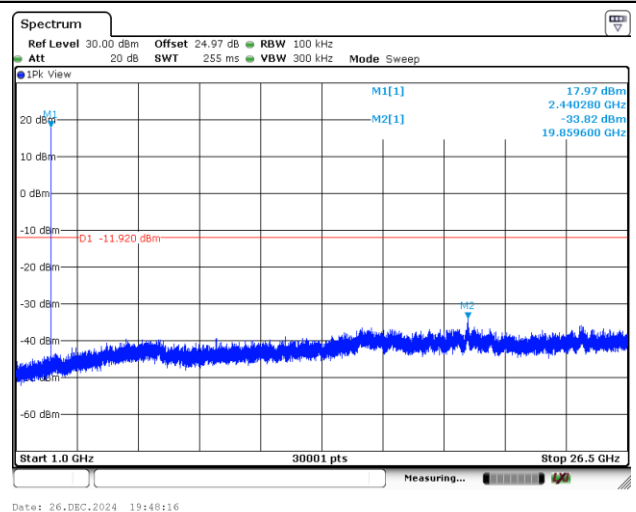


Plot on Channel 19

Spurious Emission 30MHz~1GHz Plot



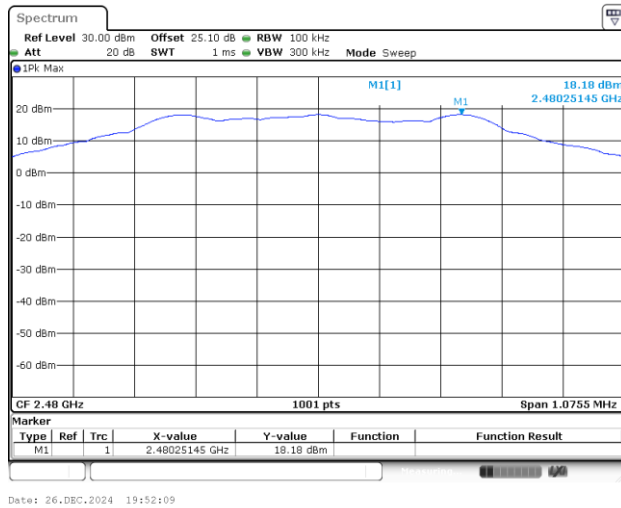
Spurious Emission 1GHz~26.5GHz Plot



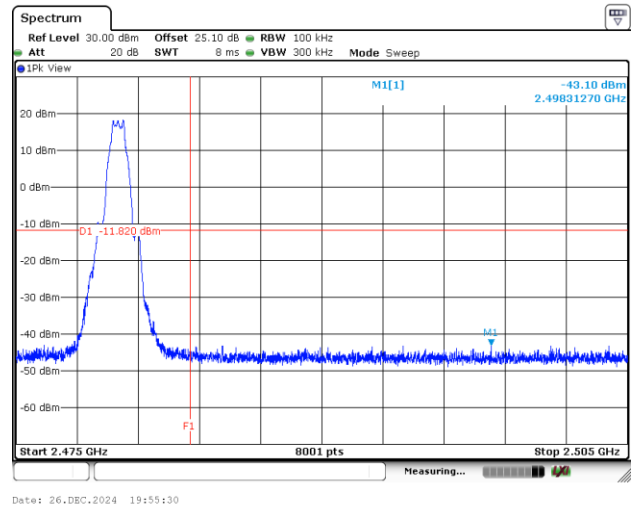


Channel 39

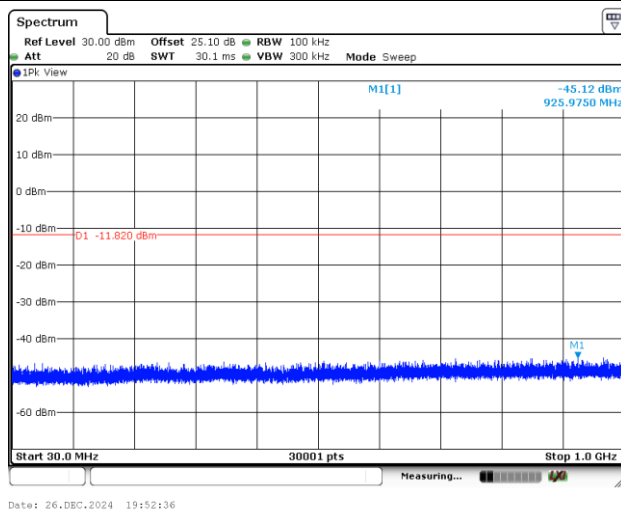
100kHz PSD reference Level Plot



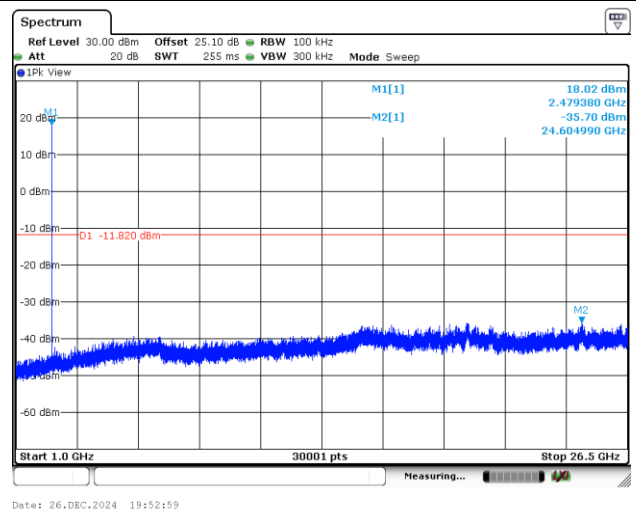
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot

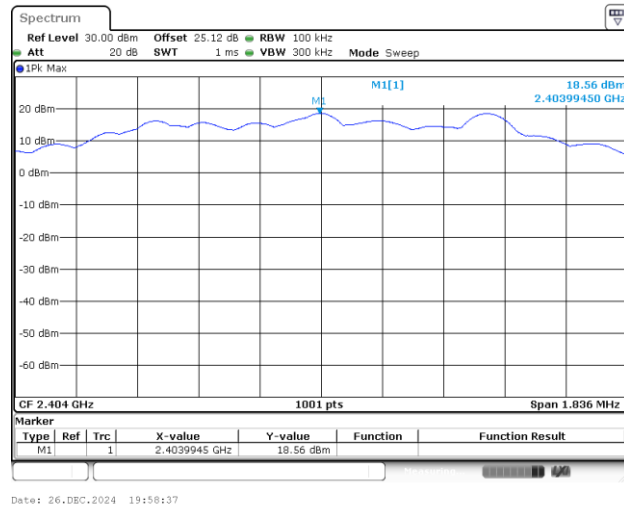




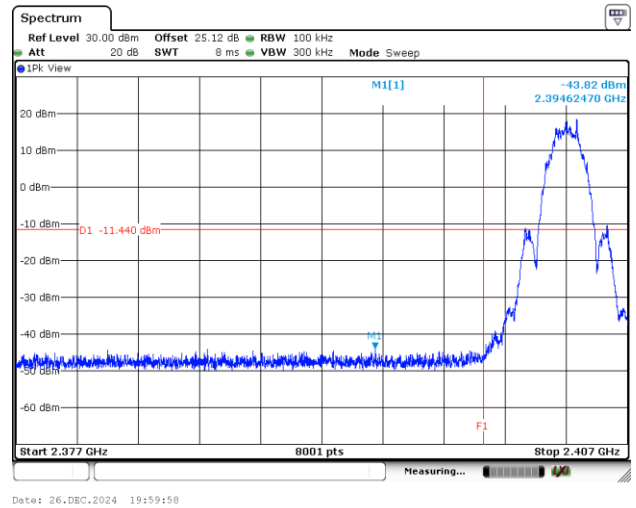
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Channel 01

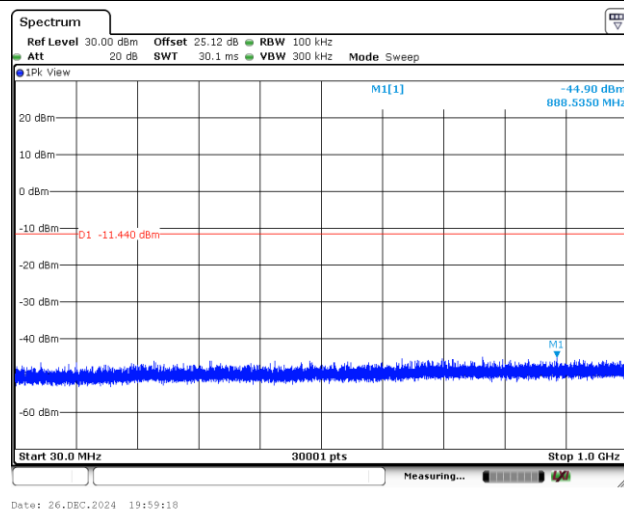
100kHz PSD reference Level Plot



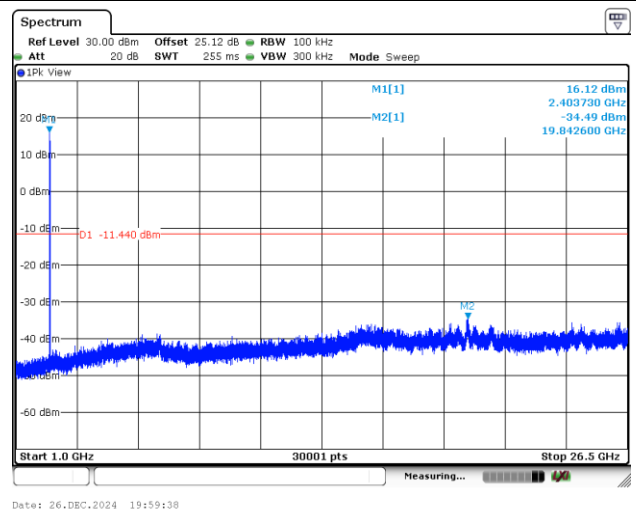
Plot on Channel 01



Spurious Emission 30MHz~1GHz Plot



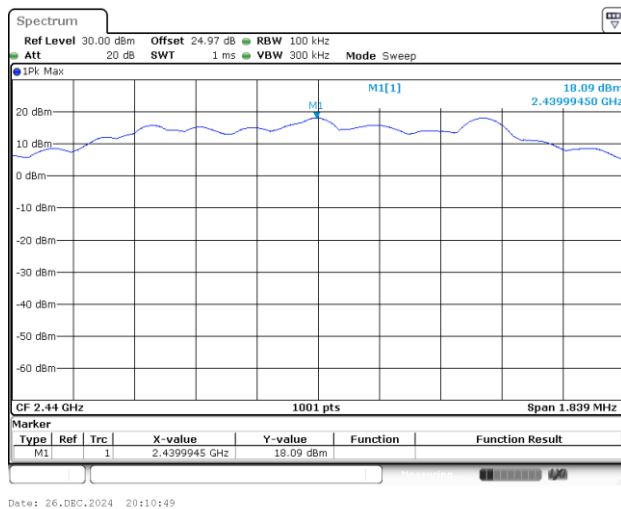
Spurious Emission 1GHz~26.5GHz Plot





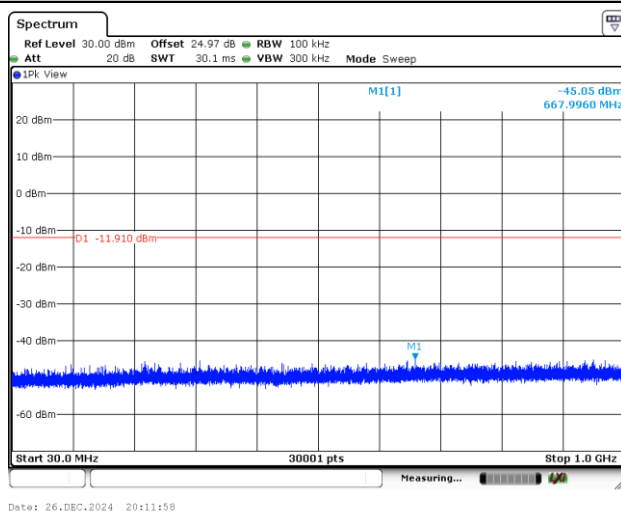
Channel 19

100kHz PSD reference Level Plot

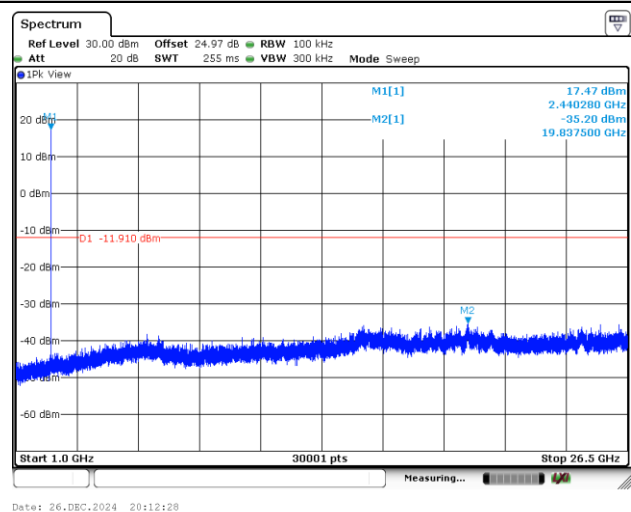


Plot on Channel 19

Spurious Emission 30MHz~1GHz Plot



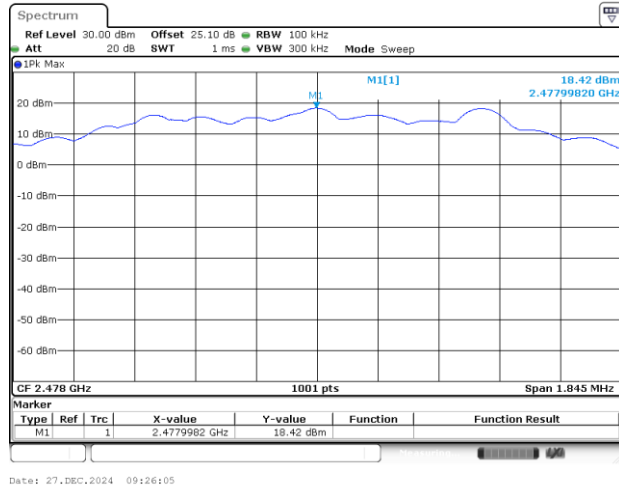
Spurious Emission 1GHz~26.5GHz Plot



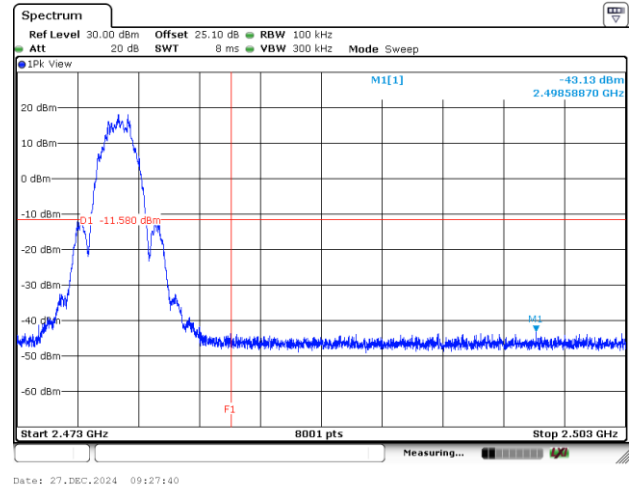


Channel 38

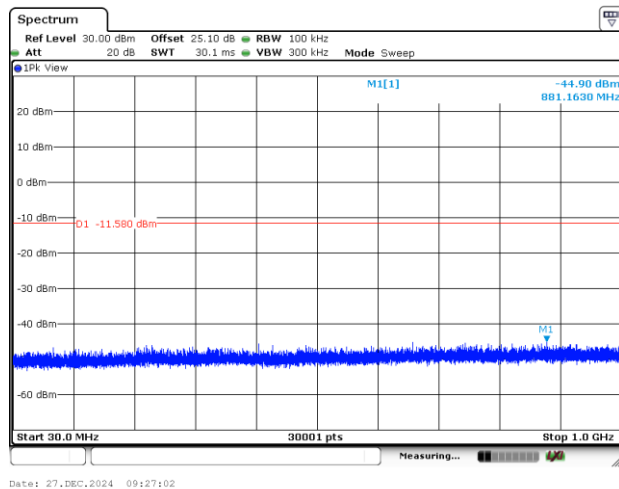
100kHz PSD reference Level Plot



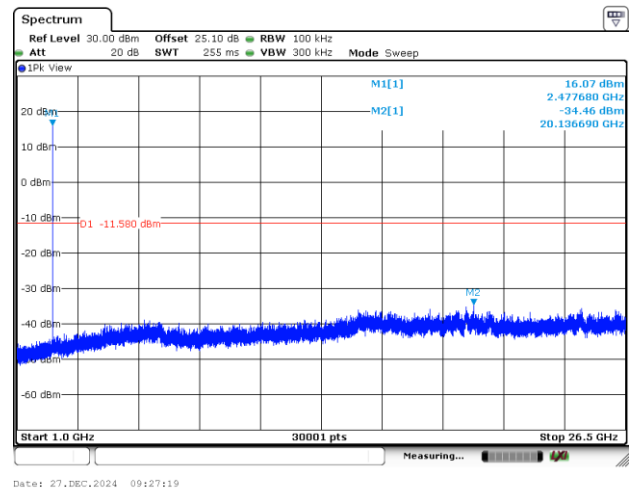
Plot on Channel 38



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot





Appendix B. AC Conducted Emission Test Results

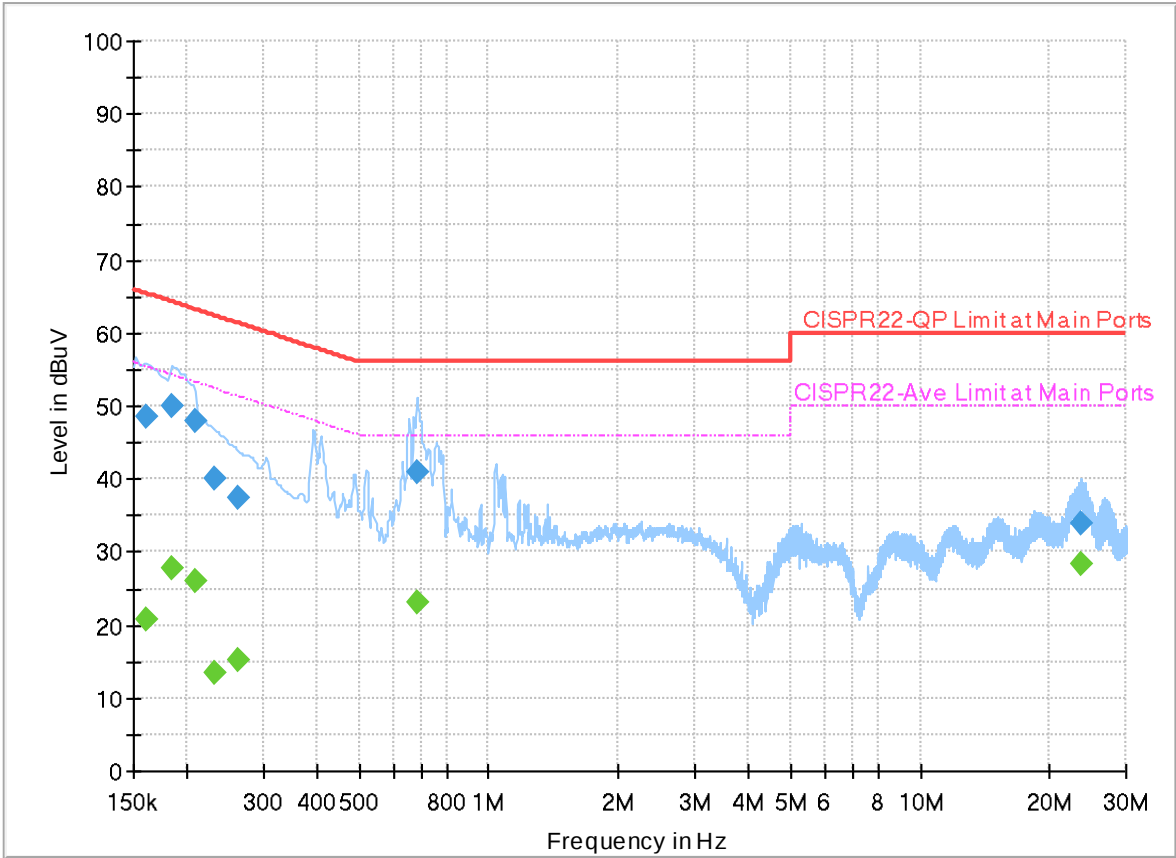
Test Engineer :	Louis Chung	Temperature :	16.1~22.7°C
		Relative Humidity :	45.9~48.9%

EUT Information

Report NO :
Test Mode :
Test Voltage :
Phase :

4N0918
Mode 1
120Vac/60Hz
Line

Full Spectrum



Final_Result

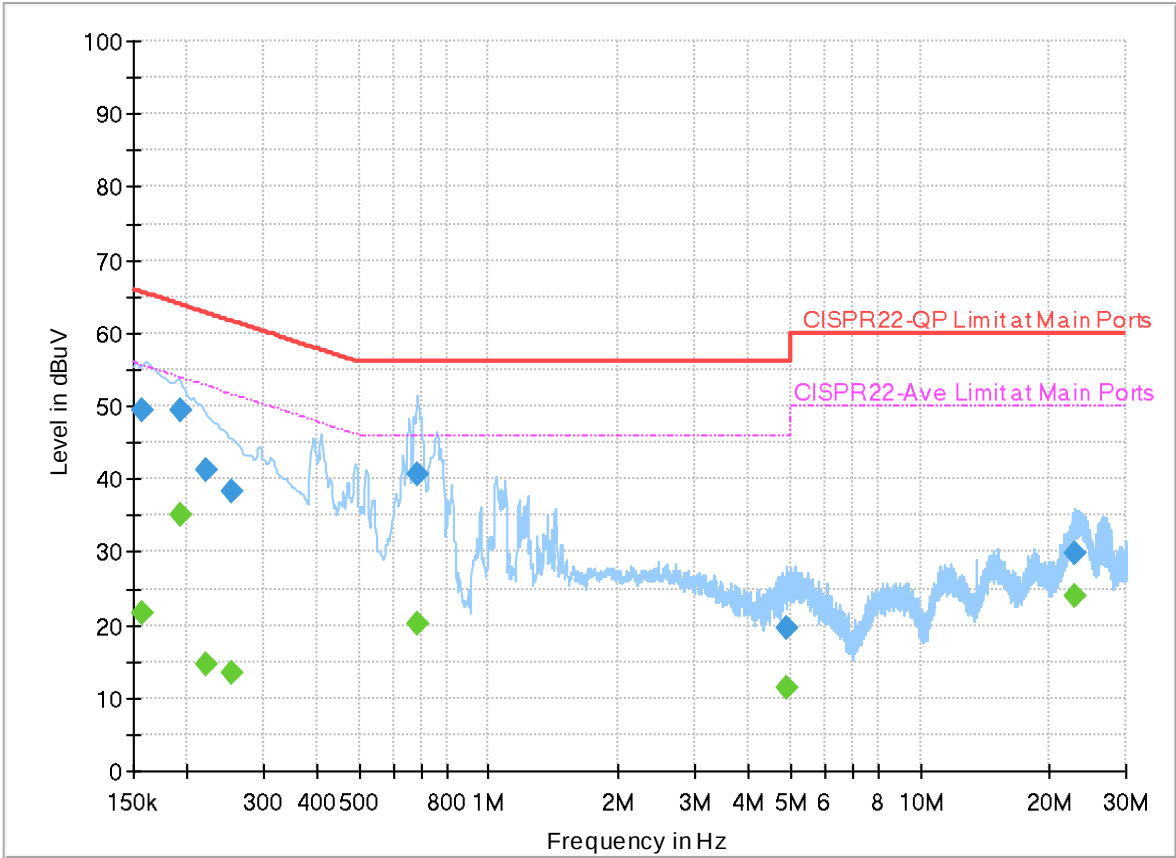
Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.161250	---	20.71	55.40	34.69	L1	OFF	19.8
0.161250	48.50	---	65.40	16.90	L1	OFF	19.8
0.183750	---	27.80	54.31	26.51	L1	OFF	19.8
0.183750	49.97	---	64.31	14.34	L1	OFF	19.8
0.208500	---	25.95	53.27	27.32	L1	OFF	19.8
0.208500	47.89	---	63.27	15.38	L1	OFF	19.8
0.231000	---	13.48	52.41	38.93	L1	OFF	19.8
0.231000	40.15	---	62.41	22.26	L1	OFF	19.8
0.262500	---	15.21	51.35	36.14	L1	OFF	19.8
0.262500	37.37	---	61.35	23.98	L1	OFF	19.8
0.683250	---	23.21	46.00	22.79	L1	OFF	19.8
0.683250	40.91	---	56.00	15.09	L1	OFF	19.8
23.538750	---	28.33	50.00	21.67	L1	OFF	20.7
23.538750	33.94	---	60.00	26.06	L1	OFF	20.7

EUT Information

Report NO :
Test Mode :
Test Voltage :
Phase :

4N0918
Mode 1
120Vac/60Hz
Neutral

Full Spectrum



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.157020	---	21.63	55.62	33.99	N	OFF	19.8
0.157020	49.35	---	65.62	16.27	N	OFF	19.8
0.193425	---	35.06	53.89	18.83	N	OFF	19.8
0.193425	49.45	---	63.89	14.44	N	OFF	19.8
0.222000	---	14.74	52.74	38.00	N	OFF	19.8
0.222000	41.33	---	62.74	21.41	N	OFF	19.8
0.253500	---	13.33	51.64	38.31	N	OFF	19.8
0.253500	38.16	---	61.64	23.48	N	OFF	19.8
0.684060	---	20.24	46.00	25.76	N	OFF	19.8
0.684060	40.65	---	56.00	15.35	N	OFF	19.8
4.902315	---	11.27	46.00	34.73	N	OFF	20.0
4.902315	19.66	---	56.00	36.34	N	OFF	20.0
22.908750	---	24.11	50.00	25.89	N	OFF	20.8
22.908750	29.88	---	60.00	30.12	N	OFF	20.8



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Jerry Lan, Gary Guo, and Steven Wu	Temperature :	20~26°C
		Relative Humidity :	40~65%

Note symbol

-L	Low channel location
-R	High channel location

C1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 7	2400-2483.5	3+4	Bluetooth-LE_GFSK	00	2402	1Mbps	-	-
Mode 8	2400-2483.5	3+4	Bluetooth-LE_GFSK	19	2440	1Mbps	-	-
Mode 9	2400-2483.5	3+4	Bluetooth-LE_GFSK	39	2480	1Mbps	-	-
Mode 15	2400-2483.5	3+4	Bluetooth-LE_GFSK	39	2480	1Mbps	-	LF
Mode 16	2400-2483.5	3+4	Bluetooth-LE_GFSK	39	2480	1Mbps	-	SHF
Mode 10	2400-2483.5	3+4	Bluetooth-LE_GFSK	01	2404	2Mbps	-	-
Mode 11	2400-2483.5	3+4	Bluetooth-LE_GFSK	19	2440	2Mbps	-	-
Mode 12	2400-2483.5	3+4	Bluetooth-LE_GFSK	38	2478	2Mbps	-	-

**C2. Summary of each worse mode**

<1Mbps>

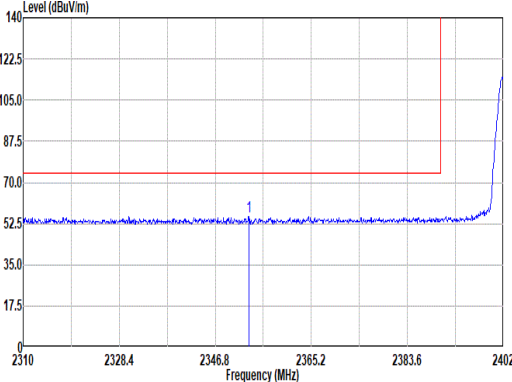
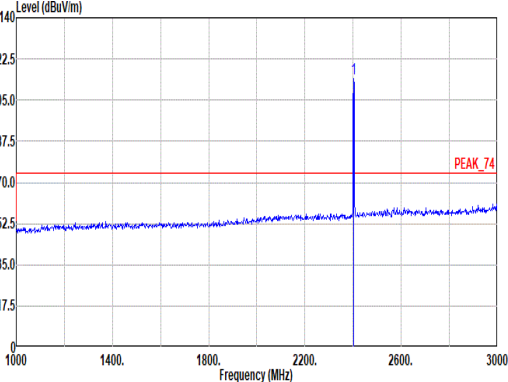
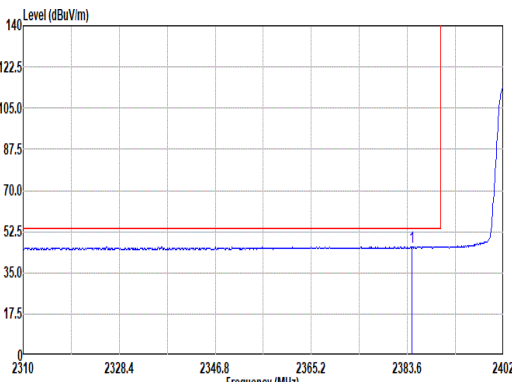
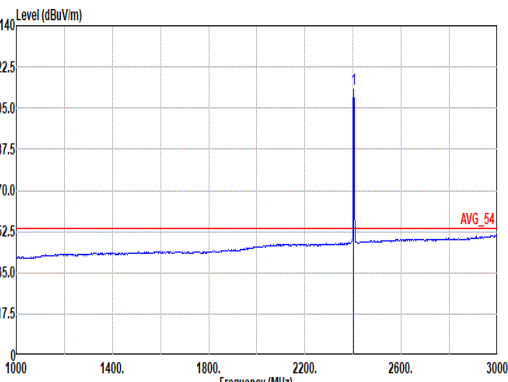
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
7	Bluetooth-LE_GFSK	00	2389.03	46.27	54.00	-7.73	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	00	4804.00	39.98	74.00	-34.02	V	Peak	Pass	-	Harmonic
8	Bluetooth-LE_GFSK	19	2485.60	46.80	54.00	-7.20	H	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	19	7320.00	44.91	74.00	-29.09	H	Peak	Pass	-	Harmonic
9	Bluetooth-LE_GFSK	39	2483.52	48.95	54.00	-5.05	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	39	7440.00	43.90	74.00	-30.10	V	Peak	Pass	-	Harmonic
15	LF	39	41.64	36.19	40.00	-3.81	V	QP	Pass	-	LF
16	SHF	39	22856.00	39.37	74.00	-34.63	H	Peak	Pass	-	SHF

<2Mbps>

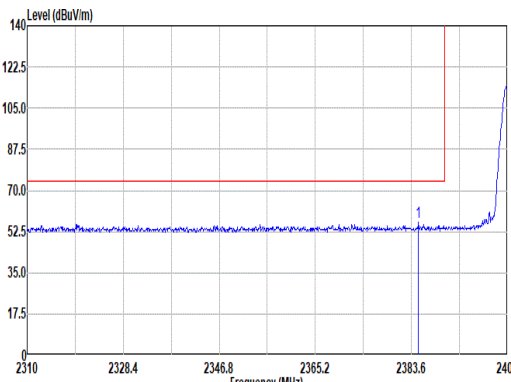
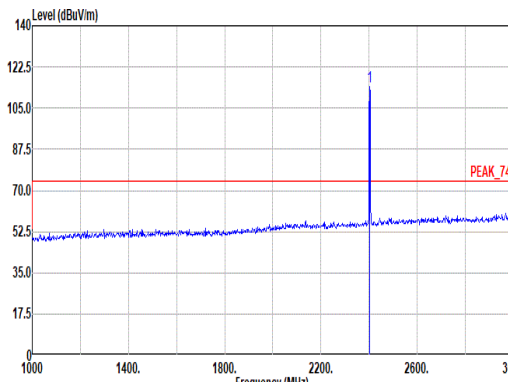
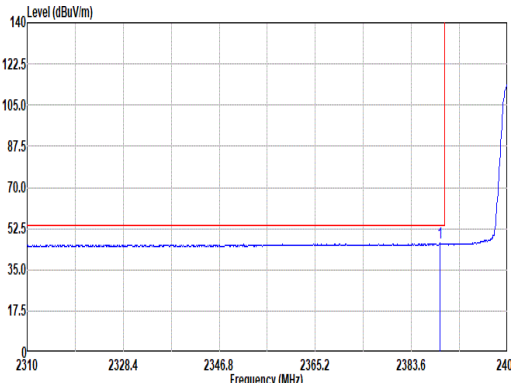
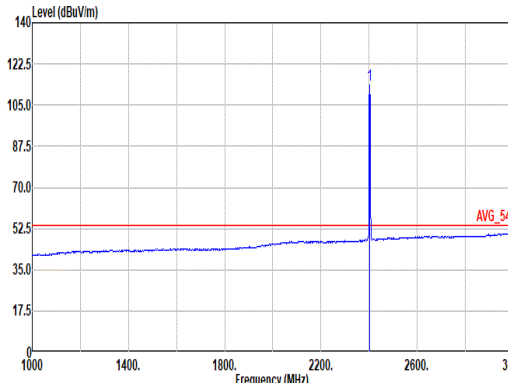
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
10	Bluetooth-LE_GFSK	01	2389.34	45.48	54.00	-8.52	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	01	4808.00	39.45	74.00	-34.55	H	Peak	Pass	-	Harmonic
11	Bluetooth-LE_GFSK	19	2484.52	46.04	54.00	-7.96	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	19	7320.00	42.17	54.00	-11.83	H	Avg.	Pass	-	Harmonic
12	Bluetooth-LE_GFSK	38	2483.74	46.58	54.00	-7.42	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE_GFSK	38	7434.00	43.75	74.00	-30.25	V	Peak	Pass	-	Harmonic



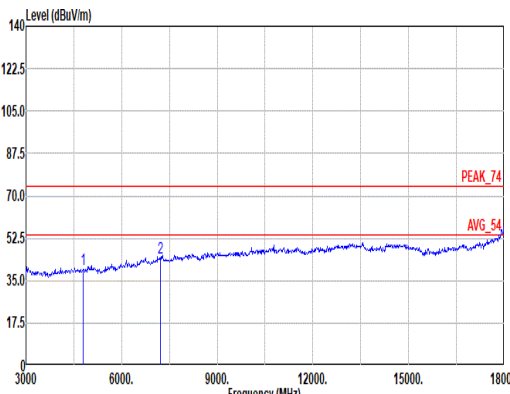
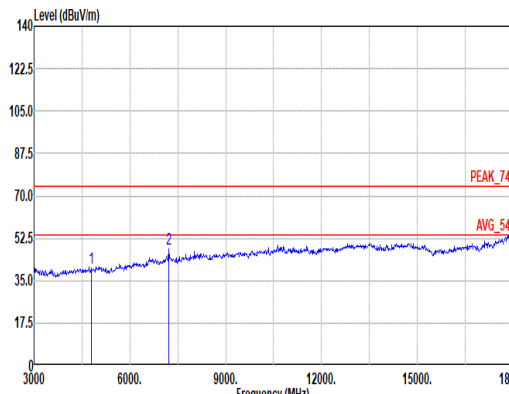
<1Mbps>

Mode	7																																																																																																					
	Band Edge																																																																																																					
	2400-2483.5_Bluetooth-LE_GFSK_CH00_2402MHz																																																																																																					
ANT	3+4																																																																																																					
Pol.	Horizontal						Fundamental																																																																																															
Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2353.24</td><td>55.64</td><td>74.00</td><td>-18.36</td><td>41.29</td><td>27.13</td><td>7.65</td><td>30.35</td><td>9.92</td><td>118</td><td>66</td><td>PEAK</td></tr></tbody></table>													Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2353.24	55.64	74.00	-18.36	41.29	27.13	7.65	30.35	9.92	118	66	PEAK	 Site : 03CH16-HY Condition: PEAK_74 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2402.00</td><td>114.16</td><td>-----</td><td>-----</td><td>99.44</td><td>27.40</td><td>7.73</td><td>30.33</td><td>9.92</td><td>118</td><td>66</td><td>PEAK</td></tr></tbody></table>													Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2402.00	114.16	-----	-----	99.44	27.40	7.73	30.33	9.92	118	66	PEAK
		Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																																									
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Avg.	 Site : 03CH16-HY Condition: AVG_BE_54 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:2.700kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2384.43</td><td>46.13</td><td>54.00</td><td>-7.87</td><td>31.60</td><td>27.24</td><td>7.70</td><td>30.33</td><td>9.92</td><td>118</td><td>66</td><td>AVERAGE</td></tr></tbody></table>													Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2384.43	46.13	54.00	-7.87	31.60	27.24	7.70	30.33	9.92	118	66	AVERAGE	 Site : 03CH16-HY Condition: AVG_54 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:2.700kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>2402.00</td><td>113.23</td><td>-----</td><td>-----</td><td>98.51</td><td>27.40</td><td>7.73</td><td>30.33</td><td>9.92</td><td>118</td><td>66</td><td>AVERAGE</td></tr></tbody></table>													Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2402.00	113.23	-----	-----	98.51	27.40	7.73	30.33	9.92	118	66	AVERAGE
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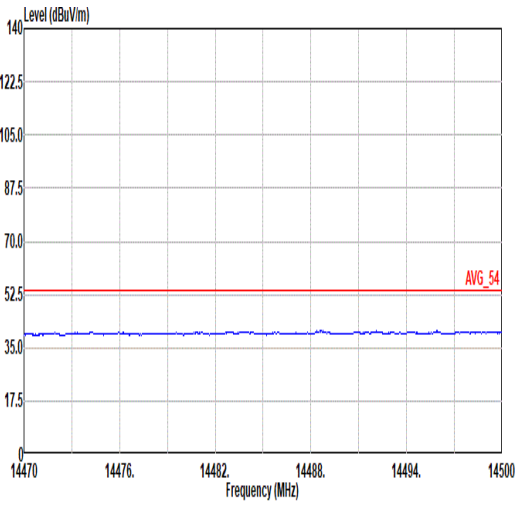
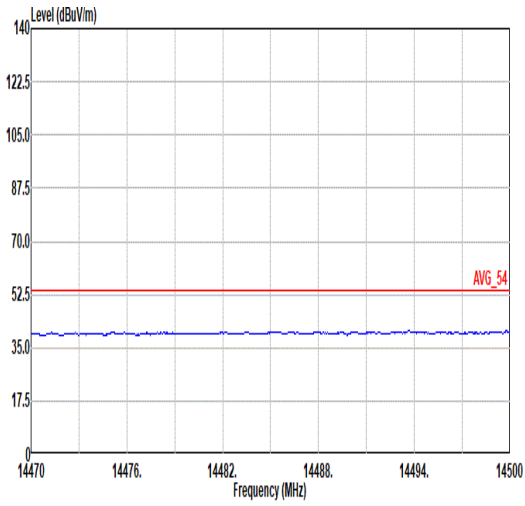
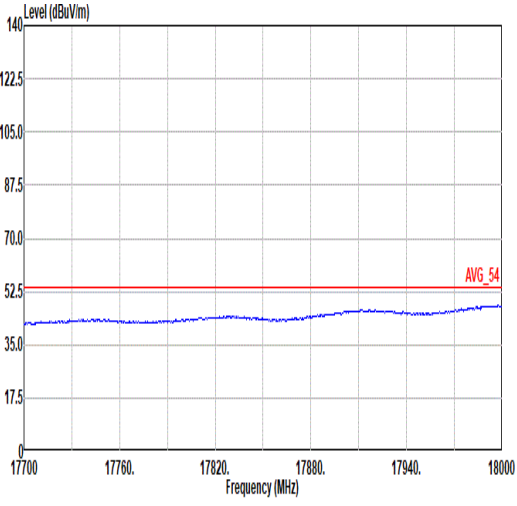
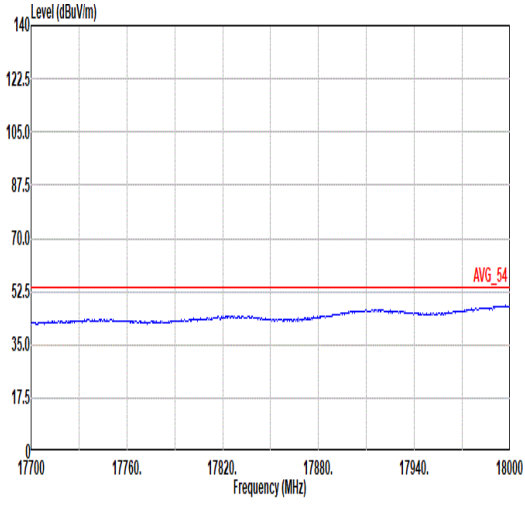
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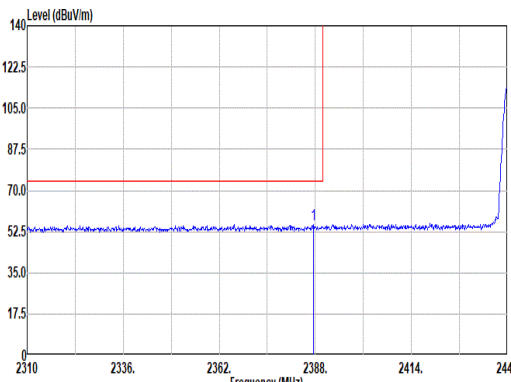
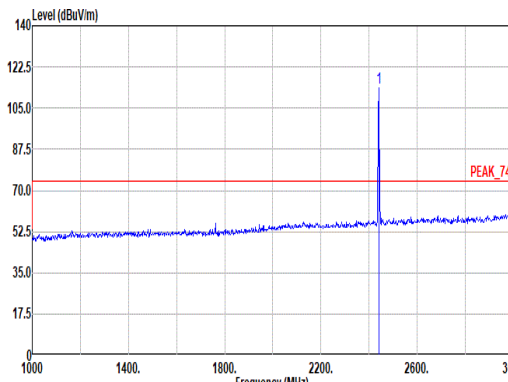
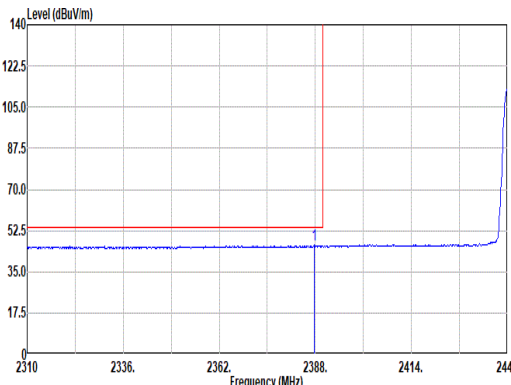
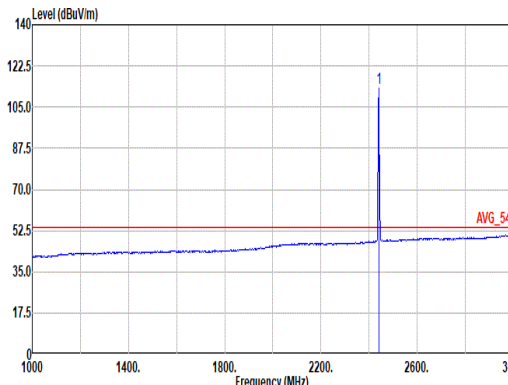
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ANT	3+4																																																																						
Pol.	Horizontal						Vertical																																																																
Peak Avg.																																																																							
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Remark: The unwanted signal 7206.000MHz、7206.000MHz can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).



Mode	7	
	Harmonic	
	2400-2483.5_Bluetooth-LE_GFSK_CH00_2402MHz	
ANT	3+4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 VERTICAL
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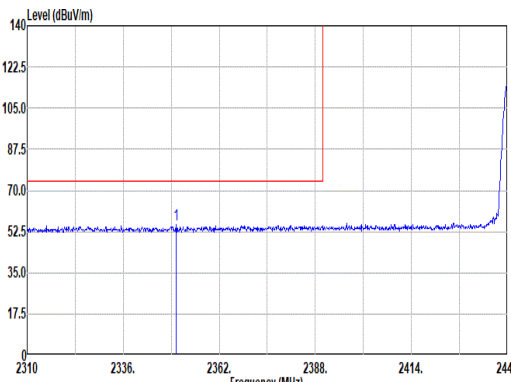
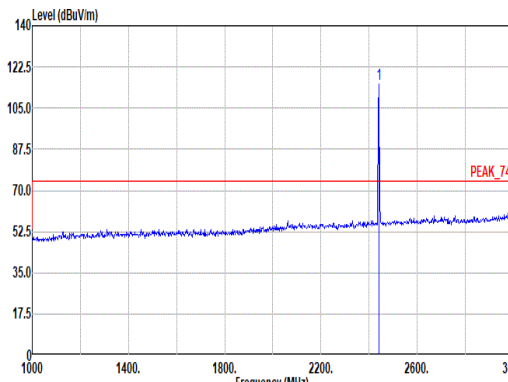
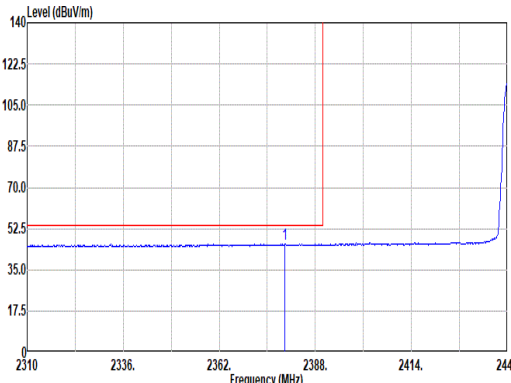
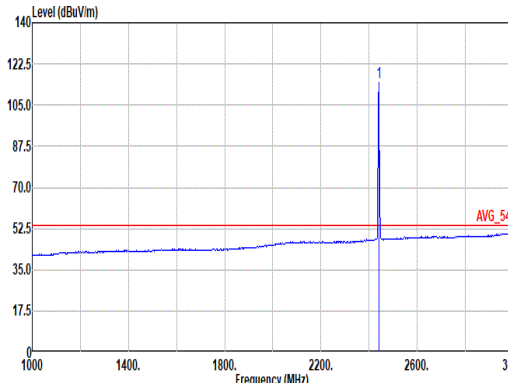


Mode	8																																																																																																											
	Band Edge - L																																																																																																											
	2400-2483.5_Bluetooth-LE_GFSK_CH19_2440MHz																																																																																																											
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Pol.	Horizontal						Fundamental																																																																																																					
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Avg.	Site : 03CH16-HY Condition: AVG_BE_54 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBW:2.700kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2485.60</td><td>46.80</td><td>54.00</td><td>-7.20</td><td>31.62</td><td>27.70</td><td>7.86</td><td>30.30</td><td>9.92</td><td>123</td><td>233</td><td>AVERAGE</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dB/m	dB	dB	dB	cm	deg	1	2485.60	46.80	54.00	-7.20	31.62	27.70	7.86	30.30	9.92	123	233	AVERAGE	Blank
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																					
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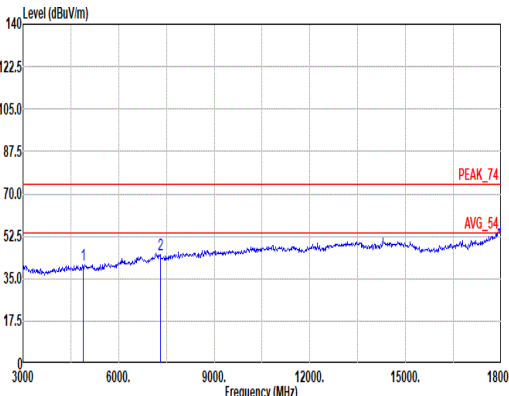
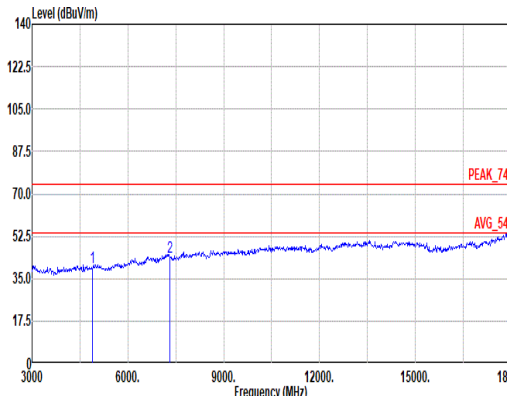


Mode	8																																																																																																			
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Peak	 Site : 03CH16-HY Condition: PEAK_BE_74 3m 91200-1522_240328 VERTICAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2350.30</td><td>55.37</td><td>74.00</td><td>-18.63</td><td>41.05</td><td>27.10</td><td>7.65</td><td>30.35</td><td>9.92</td><td>373</td><td>94</td><td>PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2350.30	55.37	74.00	-18.63	41.05	27.10	7.65	30.35	9.92	373	94	PEAK	 Site : 03CH16-HY Condition: PEAK_74 3m 91200-1522_240328 VERTICAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2440.00</td><td>114.93</td><td>-----</td><td>-----</td><td>99.93</td><td>27.60</td><td>7.79</td><td>30.31</td><td>9.92</td><td>373</td><td>94</td><td>PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2440.00	114.93	-----	-----	99.93	27.60	7.79	30.31	9.92	373	94	PEAK
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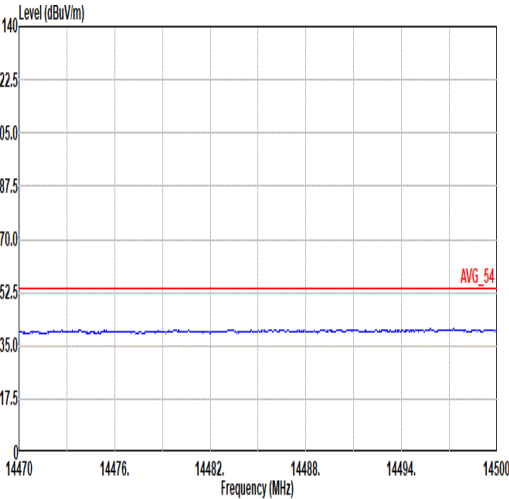
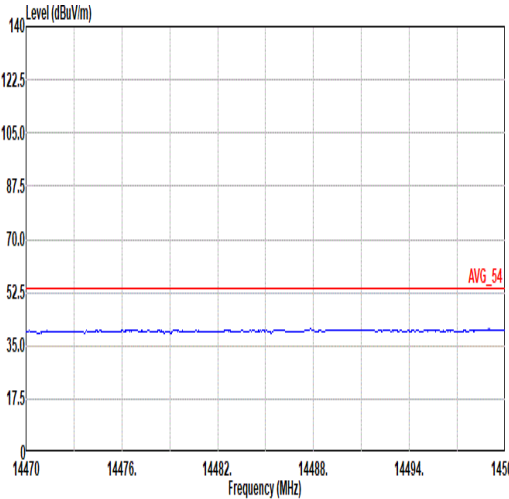
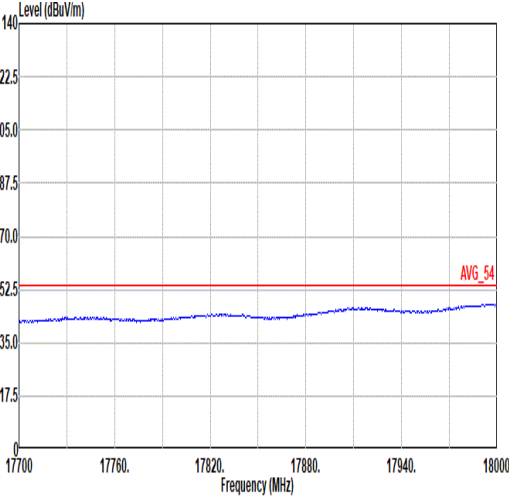
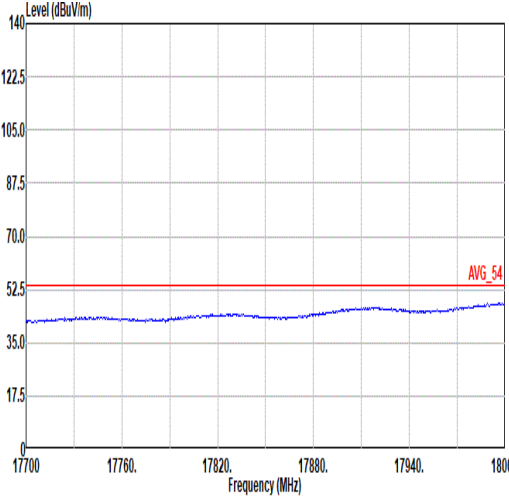


Mode	8																																																						
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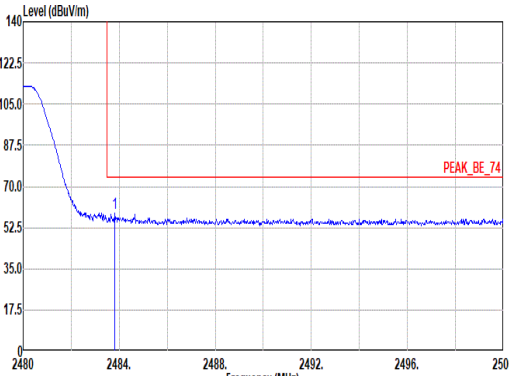
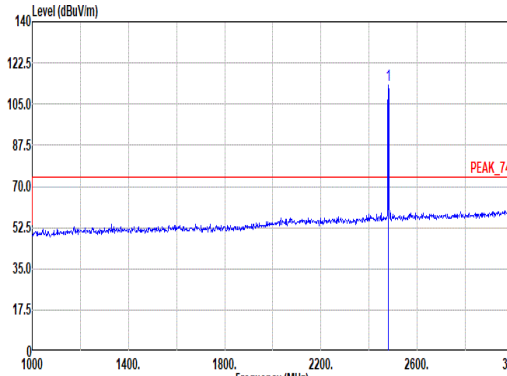
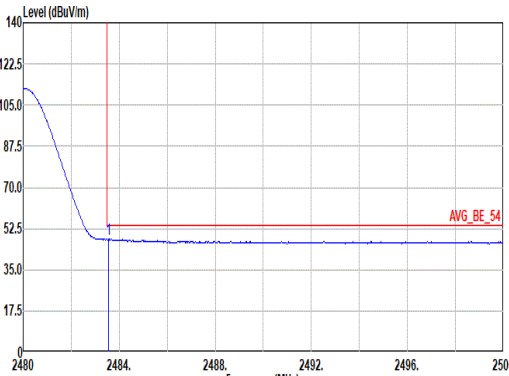
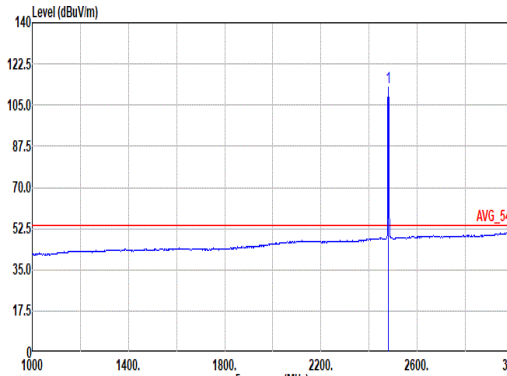


Mode	8																																																																	
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																										
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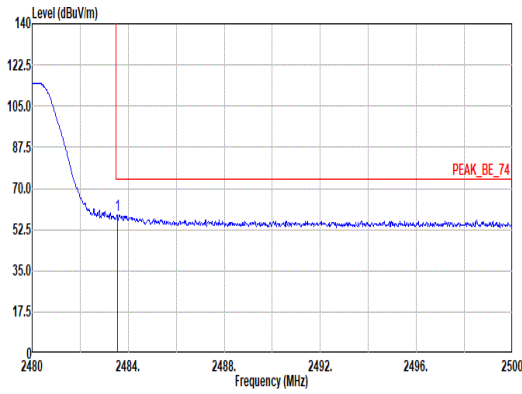
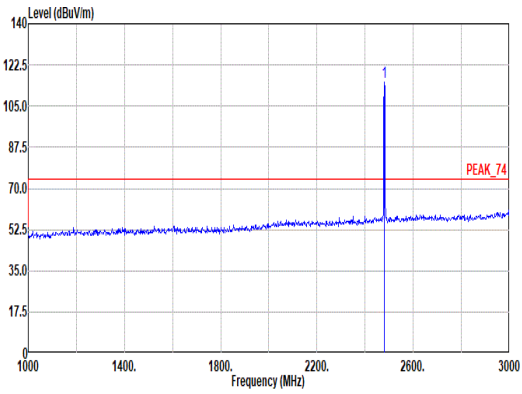
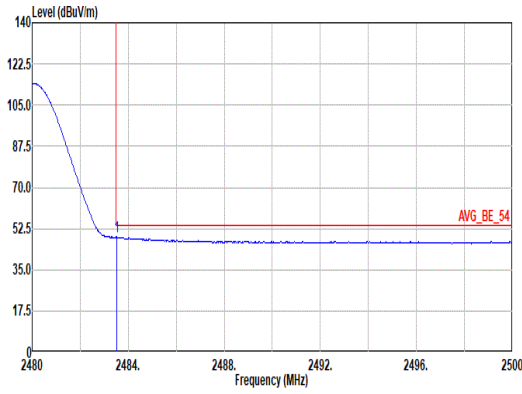
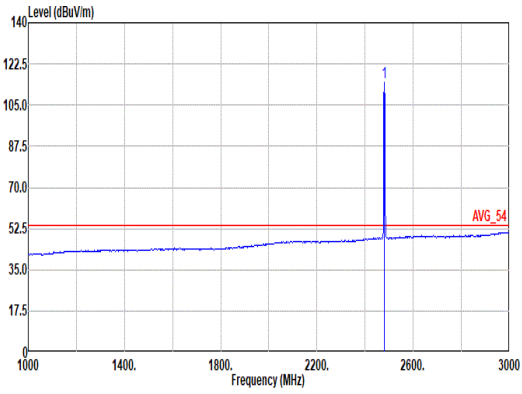


Mode	8	
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ANT	3+4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 VERTICAL
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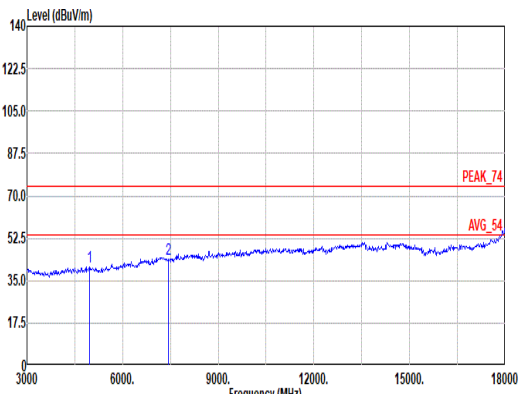
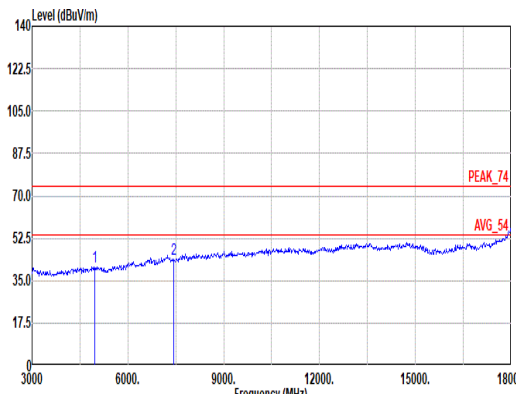


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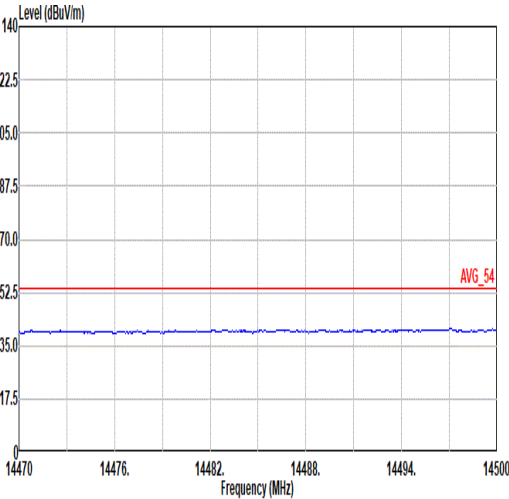
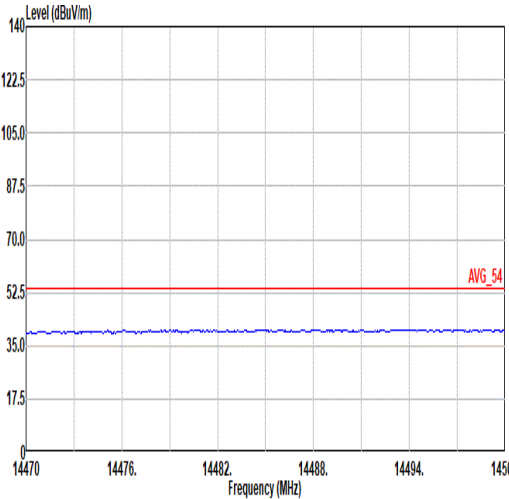
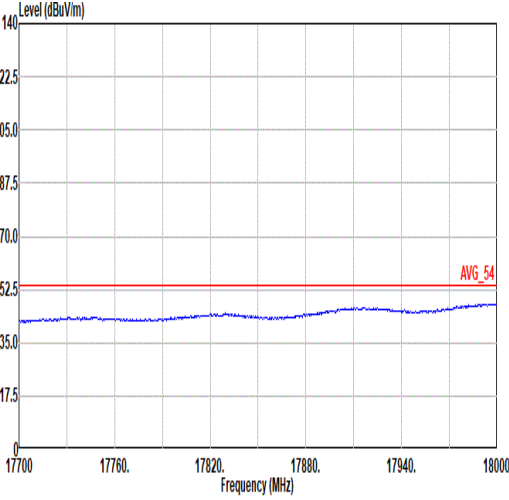
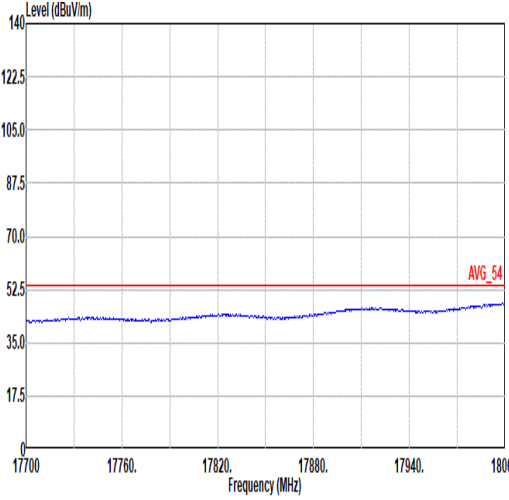


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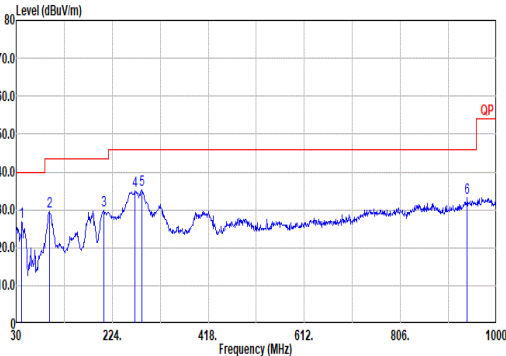
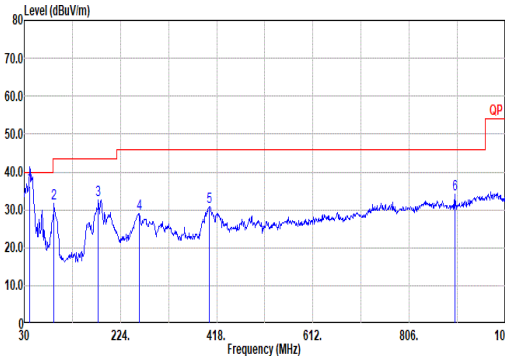


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1	4960.00	40.80	74.00	-33.20	62.46	33.02	11.06	66.27	0.53	--	PEAK																																																																																																					
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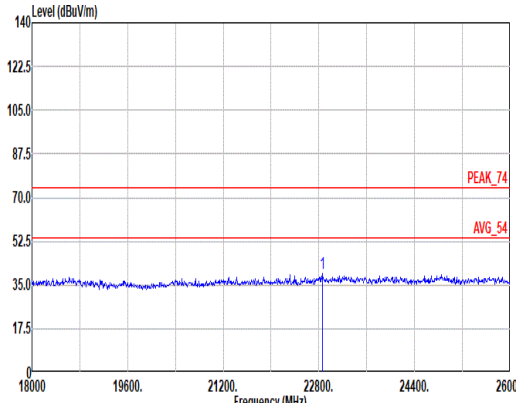
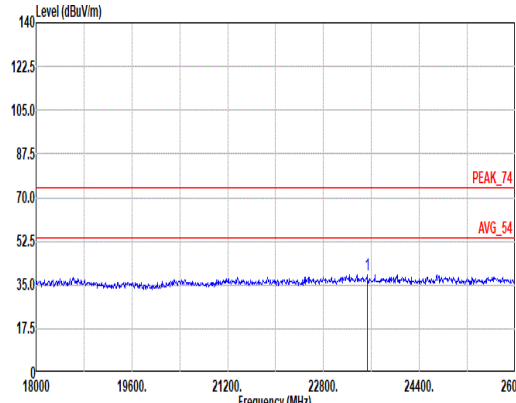


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ANT	3+4	
Pol.	Horizontal	Vertical
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	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 VERTICAL



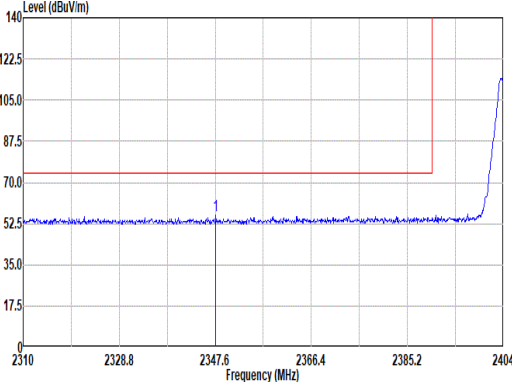
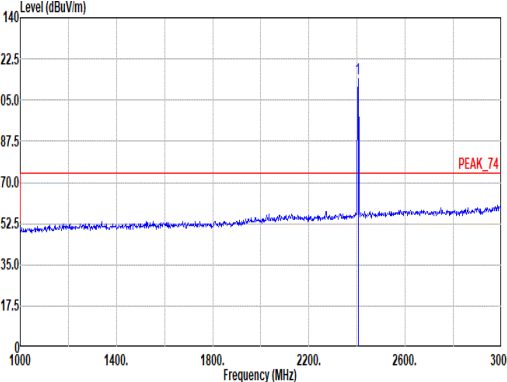
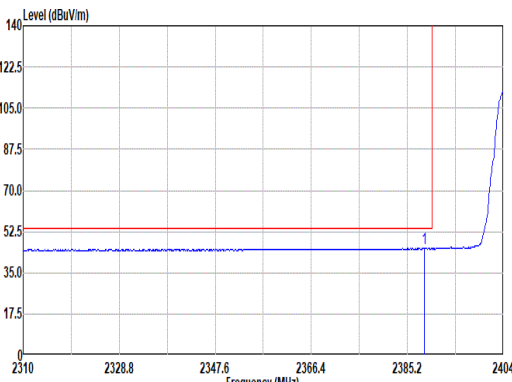
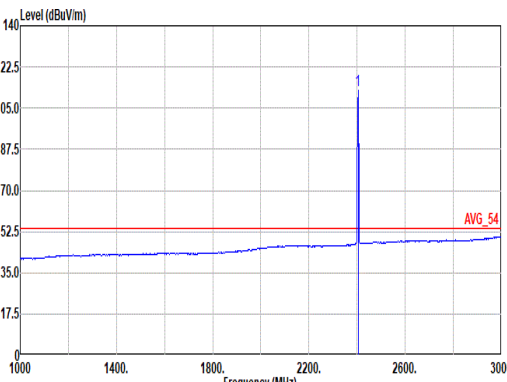
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ANT	3+4																																																																																																																																																																																																																								
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QP/ Peak																																																																																																																																																																																																																									
	Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06_47020 & 06_241005 HORIZONTAL						Site : 03CH16-HY Condition: QP 3m CBL6111D&00802N1D01N-06_47020 & 06_241005 VERTICAL																																																																																																																																																																																																																		
	<table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>41.64</td><td>26.82</td><td>40.00</td><td>-13.18</td><td>39.54</td><td>18.75</td><td>0.99</td><td>32.52</td><td>0.06</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>96.93</td><td>29.63</td><td>43.50</td><td>-13.87</td><td>44.85</td><td>15.71</td><td>1.51</td><td>32.51</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>207.51</td><td>29.75</td><td>43.50</td><td>-13.75</td><td>44.70</td><td>15.31</td><td>2.24</td><td>32.57</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>269.59</td><td>35.04</td><td>46.00</td><td>-10.96</td><td>45.57</td><td>19.18</td><td>2.54</td><td>32.32</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>284.14</td><td>35.21</td><td>46.00</td><td>-10.79</td><td>45.78</td><td>18.99</td><td>2.61</td><td>32.24</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>940.83</td><td>33.13</td><td>46.00</td><td>-12.87</td><td>29.16</td><td>30.80</td><td>4.78</td><td>31.85</td><td>0.24</td><td>--</td><td>Peak</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	41.64	26.82	40.00	-13.18	39.54	18.75	0.99	32.52	0.06	--	Peak	2	96.93	29.63	43.50	-13.87	44.85	15.71	1.51	32.51	0.07	--	Peak	3	207.51	29.75	43.50	-13.75	44.70	15.31	2.24	32.57	0.07	--	Peak	4	269.59	35.04	46.00	-10.96	45.57	19.18	2.54	32.32	0.07	--	Peak	5	284.14	35.21	46.00	-10.79	45.78	18.99	2.61	32.24	0.07	--	Peak	6	940.83	33.13	46.00	-12.87	29.16	30.80	4.78	31.85	0.24	--	Peak	<table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>41.64</td><td>36.19</td><td>40.00</td><td>-3.81</td><td>48.91</td><td>18.75</td><td>0.99</td><td>32.52</td><td>0.06</td><td>100</td><td>77 QP</td></tr><tr><td>2</td><td>90.14</td><td>31.82</td><td>43.50</td><td>-11.68</td><td>47.92</td><td>14.93</td><td>1.50</td><td>32.60</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>179.38</td><td>32.67</td><td>43.50</td><td>-10.83</td><td>47.37</td><td>15.33</td><td>2.09</td><td>32.20</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>261.83</td><td>29.05</td><td>46.00</td><td>-16.95</td><td>38.72</td><td>20.12</td><td>2.50</td><td>32.36</td><td>0.07</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>403.45</td><td>30.78</td><td>46.00</td><td>-15.22</td><td>37.77</td><td>21.97</td><td>3.16</td><td>32.22</td><td>0.10</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>898.15</td><td>34.11</td><td>46.00</td><td>-11.89</td><td>32.36</td><td>29.19</td><td>4.67</td><td>32.27</td><td>0.16</td><td>--</td><td>Peak</td></tr></tbody></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	41.64	36.19	40.00	-3.81	48.91	18.75	0.99	32.52	0.06	100	77 QP	2	90.14	31.82	43.50	-11.68	47.92	14.93	1.50	32.60	0.07	--	Peak	3	179.38	32.67	43.50	-10.83	47.37	15.33	2.09	32.20	0.08	--	Peak	4	261.83	29.05	46.00	-16.95	38.72	20.12	2.50	32.36	0.07	--	Peak	5	403.45	30.78	46.00	-15.22	37.77	21.97	3.16	32.22	0.10	--	Peak	6	898.15	34.11	46.00	-11.89	32.36	29.19	4.67	32.27	0.16	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																															
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1	41.64	26.82	40.00	-13.18	39.54	18.75	0.99	32.52	0.06	--	Peak																																																																																																																																																																																																														
2	96.93	29.63	43.50	-13.87	44.85	15.71	1.51	32.51	0.07	--	Peak																																																																																																																																																																																																														
3	207.51	29.75	43.50	-13.75	44.70	15.31	2.24	32.57	0.07	--	Peak																																																																																																																																																																																																														
4	269.59	35.04	46.00	-10.96	45.57	19.18	2.54	32.32	0.07	--	Peak																																																																																																																																																																																																														
5	284.14	35.21	46.00	-10.79	45.78	18.99	2.61	32.24	0.07	--	Peak																																																																																																																																																																																																														
6	940.83	33.13	46.00	-12.87	29.16	30.80	4.78	31.85	0.24	--	Peak																																																																																																																																																																																																														
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1	41.64	36.19	40.00	-3.81	48.91	18.75	0.99	32.52	0.06	100	77 QP																																																																																																																																																																																																														
2	90.14	31.82	43.50	-11.68	47.92	14.93	1.50	32.60	0.07	--	Peak																																																																																																																																																																																																														
3	179.38	32.67	43.50	-10.83	47.37	15.33	2.09	32.20	0.08	--	Peak																																																																																																																																																																																																														
4	261.83	29.05	46.00	-16.95	38.72	20.12	2.50	32.36	0.07	--	Peak																																																																																																																																																																																																														
5	403.45	30.78	46.00	-15.22	37.77	21.97	3.16	32.22	0.10	--	Peak																																																																																																																																																																																																														
6	898.15	34.11	46.00	-11.89	32.36	29.19	4.67	32.27	0.16	--	Peak																																																																																																																																																																																																														



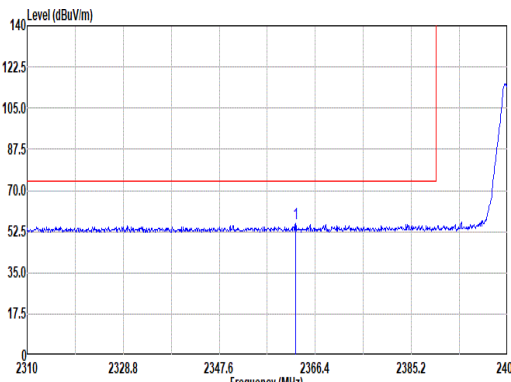
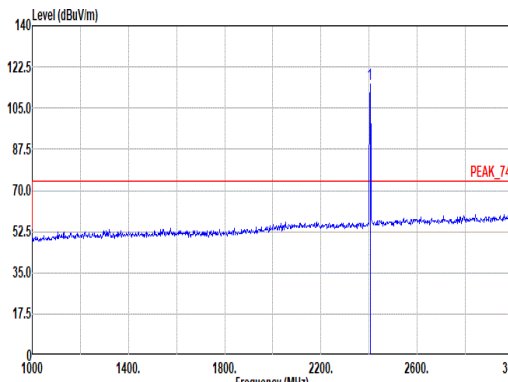
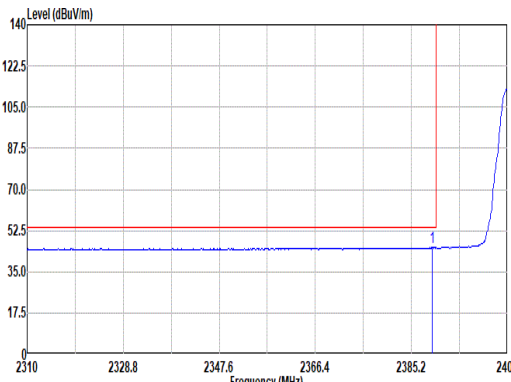
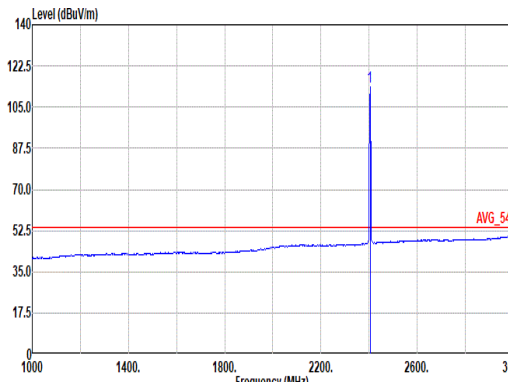
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ANT	3+4																																																																																								
Pol.	Horizontal						Vertical																																																																																		
Peak																																																																																									
	Site : 03CH16-HY Condition: PEAK_74 1m SHF_1230_241025 HORIZONTAL						Site : 03CH16-HY Condition: PEAK_74 1m SHF_1230_241025 VERTICAL																																																																																		
	<table><thead><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 22856.00</td><td>39.37</td><td>74.00</td><td>-34.63</td><td>58.87</td><td>38.64</td><td>5.86</td><td>54.46</td><td>-9.54</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table>						Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 22856.00	39.37	74.00	-34.63	58.87	38.64	5.86	54.46	-9.54	--	--	--	Peak	<table><thead><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 23528.00</td><td>39.26</td><td>74.00</td><td>-34.74</td><td>57.88</td><td>38.96</td><td>6.04</td><td>54.08</td><td>-9.54</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table>						Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 23528.00	39.26	74.00	-34.74	57.88	38.96	6.04	54.08	-9.54	--	--	--
Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																													
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																														
1 22856.00	39.37	74.00	-34.63	58.87	38.64	5.86	54.46	-9.54	--	--	--	Peak																																																																													
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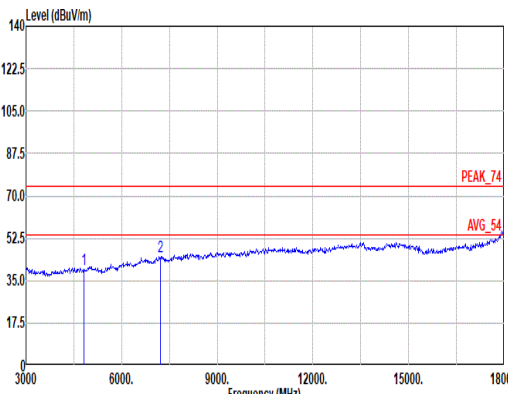
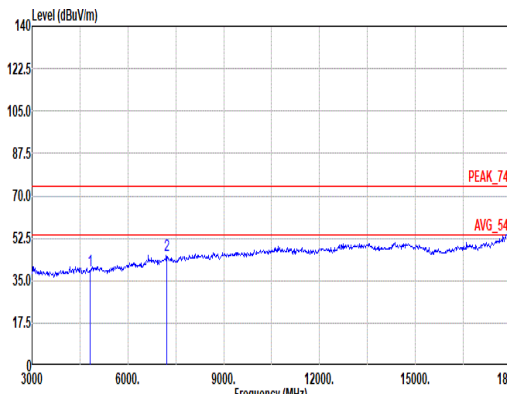
<2Mbps>

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ANT	3+4																																																																																															
Pol.	Horizontal						Fundamental																																																																																									
Peak																																																																																																
	Site : 03CH16-HY Condition: PEAK_BE_74 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2347.69</td><td>55.74</td><td>74.00</td><td>-18.26</td><td>41.43</td><td>27.10</td><td>7.64</td><td>30.35</td><td>9.92</td><td>100</td><td>72 PEAK</td></tr></tbody></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2347.69	55.74	74.00	-18.26	41.43	27.10	7.64	30.35	9.92	100	72 PEAK	Site : 03CH16-HY Condition: PEAK_74 3m 91200-1522_240328 HORIZONTAL : RBW:1000.000kHz VBN:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>2404.00</td><td>114.28</td><td>-----</td><td>-----</td><td>99.55</td><td>27.40</td><td>7.74</td><td>30.33</td><td>9.92</td><td>100</td><td>72 PEAK</td></tr></tbody></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2404.00	114.28	-----	-----	99.55	27.40	7.74	30.33	9.92	100
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1	2404.00	114.28	-----	-----	99.55	27.40	7.74	30.33	9.92	100	72 PEAK																																																																																					
Avg.																																																																																																
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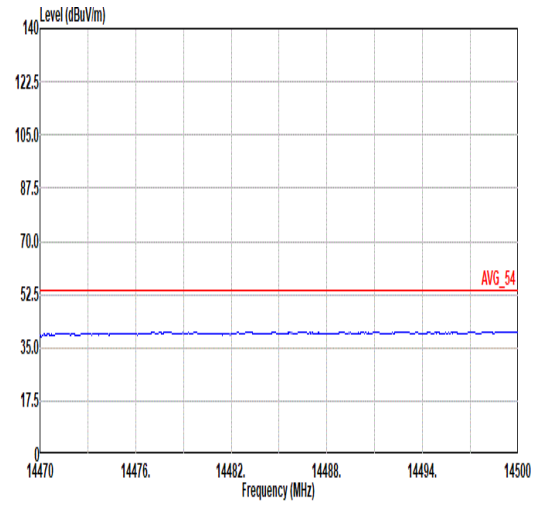
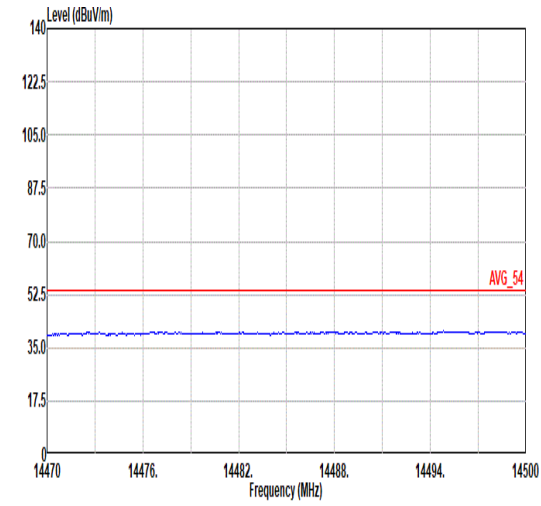
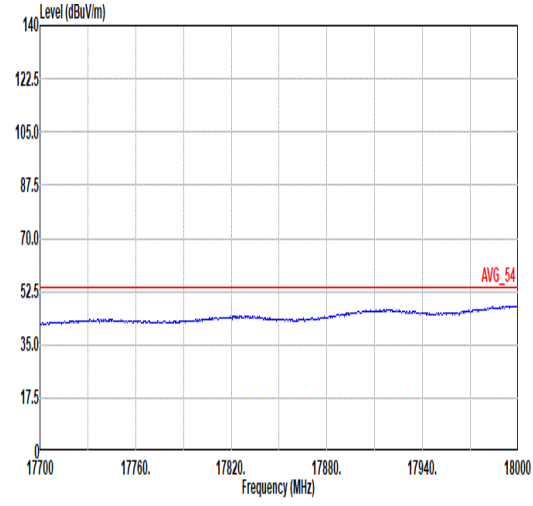
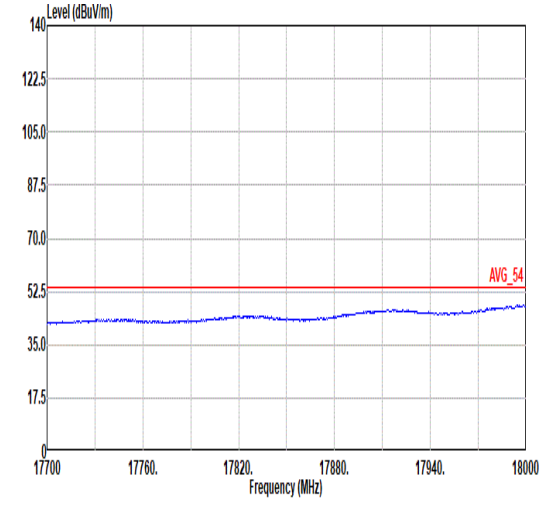
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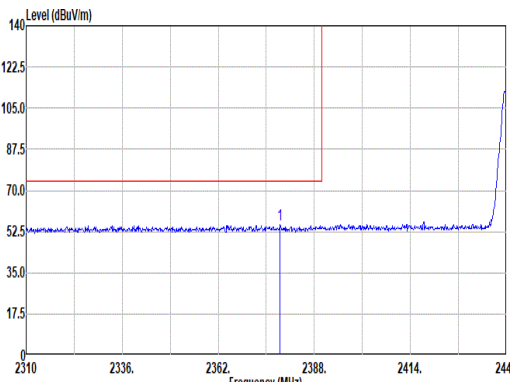
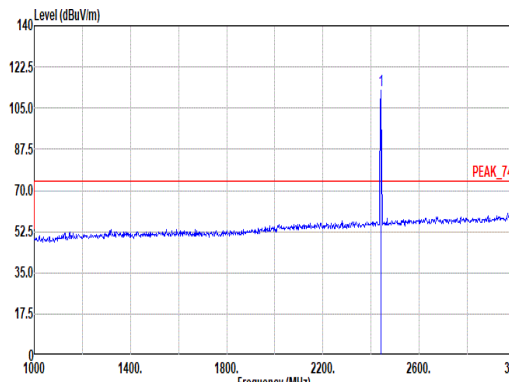
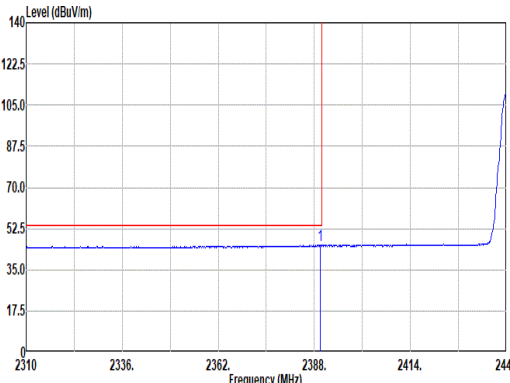
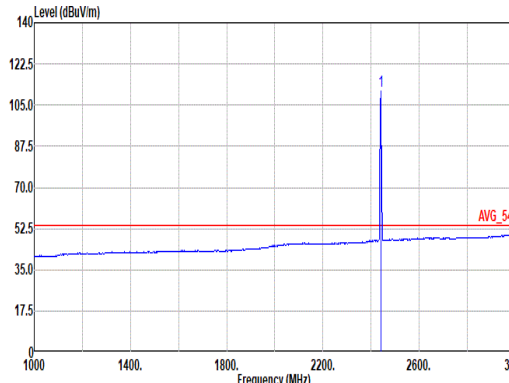
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	Harmonic																																																																						
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ANT	3+4																																																																						
Pol.	Horizontal						Vertical																																																																
Peak Avg.																																																																							
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Remark: The unwanted signal 7212.000MHz 、7212.000MHz can be ignored since it falls within the non-restricted band and meet the requirements of 15.247 (d).

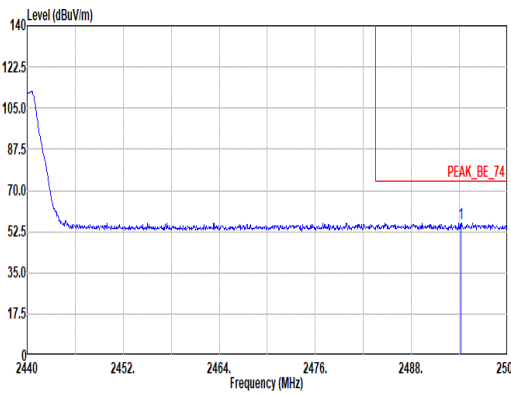
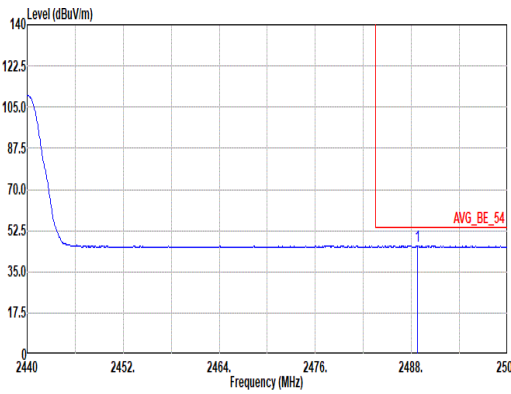


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ANT	3+4	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 VERTICAL
	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 HORIZONTAL	 Site : 03CH16-HY Condition: AVG_54 3m 91280-1522_240328 VERTICAL

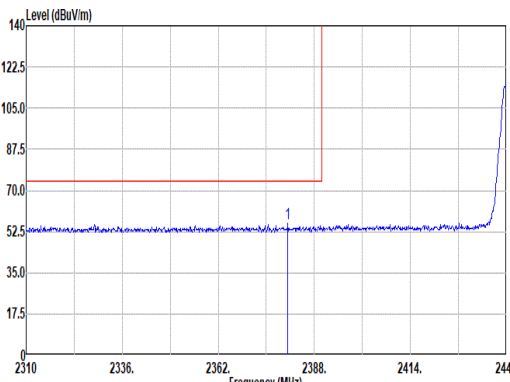
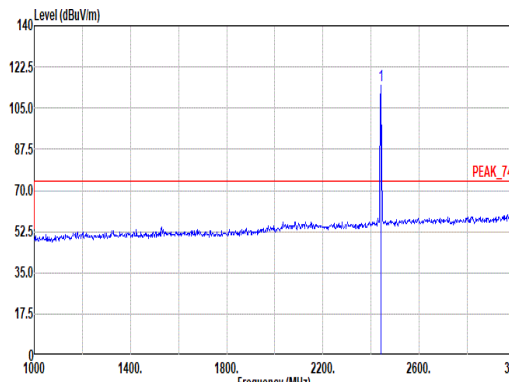
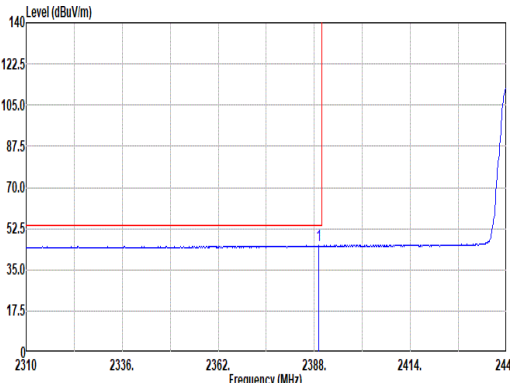
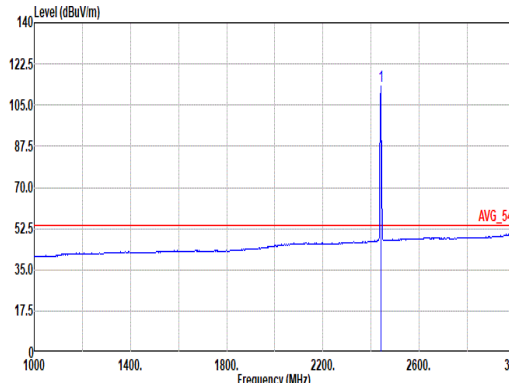


Mode	11																																																																																																	
	Band Edge - L																																																																																																	
	2400-2483.5_Bluetooth-LE_GFSK_CH19_2440MHz																																																																																																	
ANT	3+4																																																																																																	
Pol.	Horizontal						Fundamental																																																																																											
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