FCC RADIO TEST REPORT

FCC ID	:	**TVE-110T17**
Equipment	:	**Bluetooth Low Energy Module**
Brand Name	:	**FORTINET**
Model Name	:	**FBLE-2024TI**
Marketing Name	:	**Bluetooth Low Energy Module**
Applicant	:	**Fortinet Inc.** **899 KIFER RD** **SUNNYVALE CA 94086** **UNITED STATES**
Manufacturer	:	**Fortinet Inc.** **899 KIFER RD** **SUNNYVALE CA 94086** **UNITED STATES**
Standard	:	**FCC Part 15 Subpart C §15.247**

The product was received on Dec. 06, 2023 and testing was performed from Jan. 12, 2024 to Jan. 30, 2024. 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.

Louis Wu

Approved by: Louis Wu

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Table of Contents

History of this test report

Report No.	Version	Description	Issue Date
FR3D0610	01	Initial issue of report	Feb. 21, 2024
FR3D0610	02	Revise Product Feature of Equipment Under Test This report is an updated version, replacing the report issued on Feb. 21, 2024.	Mar. 14, 2024

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	Reporting only	-
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	2.68 dB under the limit at 7440.00 MHz
3.6	15.207	AC Conducted Emission	Pass	6.97 dB under the limit at 0.34 MHz
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/manufacturer 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: Yun Huang

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
SKU 1	FWF-50G-5G, FWF-51G-5G
SKU 2	FG-50G-5G, FG-51G-5G
Installed into the Host	Equipment Name: Network Security Gateway Brand Name: FORTINET Model Name: FortiGate 50G-5Gxxxxxxxxxx, FORTIGATE-50G-5Gxxxxxxxxxx, FG-50G-5Gxxxxxxxxxx, FortiGate 51G-5Gxxxxxxxxxx, FORTIGATE-51G-5Gxxxxxxxxxx, FG-51G-5Gxxxxxxxxxx, FortiWiFi 50G-5Gxxxxxxxxxx, FORTIWIFI-50G-5Gxxxxxxxxxx, FWF-50G-5Gxxxxxxxxxx, FortiWiFi 51G-5Gxxxxxxxxxx, FORTIWIFI-51G-5Gxxxxxxxxxx, FWF-51G-5Gxxxxxxxxxx (where “x” can be used as “A-Z”, or “0-9”, or “-“, or blank for software purposes or marketing purposes only) Marketing Name: FortiGate 50G-5G, FortiGate 51G-5G, FortiWiFi 50G-5G, FortiWiFi 51G-5G
General Specs	Bluetooth-LE
Antenna Type	Monopole

Antenna information		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	1.53

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

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, 03CH23-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
- 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).

b. AC power line Conducted Emission was tested under maximum output power.

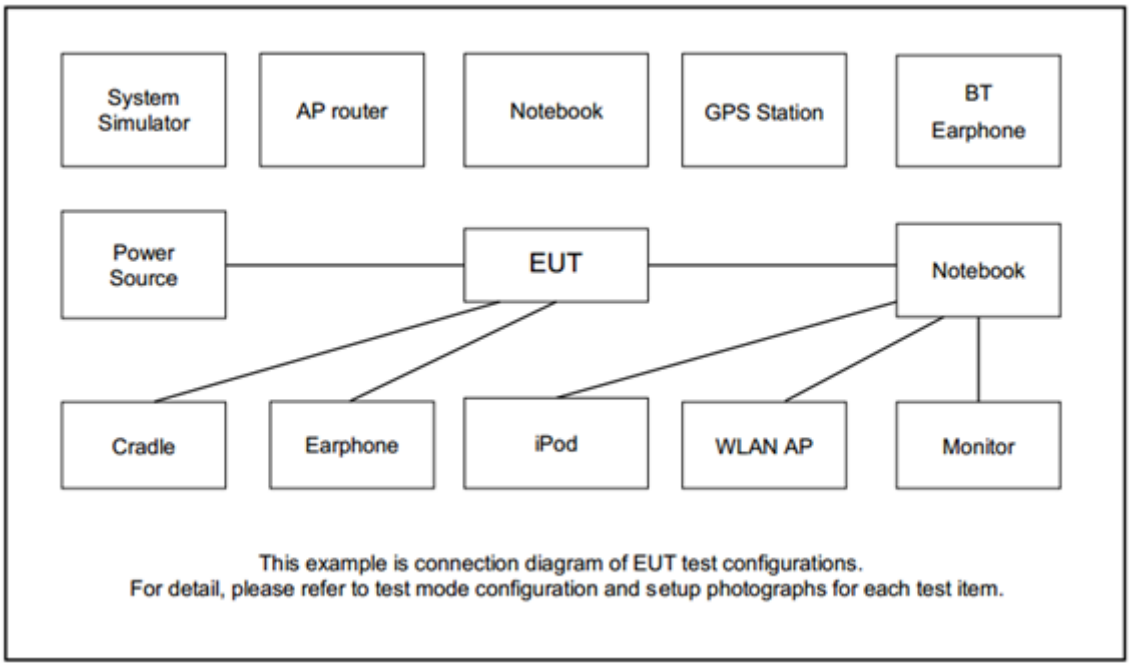
The following summary table is showing all test modes to demonstrate in compliance with the standard.

Summary table of Test Cases	
Test Item	**Data Rate / Modulation**
Conducted Test Cases	**Bluetooth – LE / GFSK**
	Mode 1: Bluetooth Tx CH00_2402 MHz_125Kbps
	Mode 2: Bluetooth Tx CH19_2440 MHz_125Kbps
	Mode 3: Bluetooth Tx CH39_2480 MHz_125Kbps
	Mode 4: Bluetooth Tx CH00_2402 MHz_500Kbps
	Mode 5: Bluetooth Tx CH19_2440 MHz_500Kbps
	Mode 6: Bluetooth Tx CH39_2480 MHz_500Kbps
	Mode 7: Bluetooth Tx CH00_2402 MHz_1Mbps
	Mode 8: Bluetooth Tx CH19_2440 MHz_1Mbps
	Mode 9: Bluetooth Tx CH39_2480 MHz_1Mbps
	Mode 10: Bluetooth Tx CH00_2402 MHz_2Mbps
	Mode 11: Bluetooth Tx CH19_2440 MHz_2Mbps
	Mode 12: Bluetooth Tx CH39_2480 MHz_2Mbps

Summary table of Test Cases	
Test Item	**Data Rate / Modulation**
Radiated Test Cases	**Bluetooth – LE / GFSK**
	<SKU 1>
	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 CH00_2402 MHz_2Mbps
	Mode 5: Bluetooth Tx CH19_2440 MHz_2Mbps
	Mode 6: Bluetooth Tx CH39_2480 MHz_2Mbps
	Mode 7: Bluetooth Tx CH00_2402 MHz_125Kbps
	Mode 8: Bluetooth Tx CH19_2440 MHz_125Kbps
	Mode 9: Bluetooth Tx CH39_2480 MHz_125Kbps
	Mode 10: Bluetooth Tx CH00_2402 MHz_500Kbps
	Mode 11: Bluetooth Tx CH19_2440 MHz_500Kbps
	Mode 12: Bluetooth Tx CH39_2480 MHz_500Kbps
	<SKU 2>
	Mode 13: Bluetooth Tx CH00_2402 MHz_500Kbps
	Mode 14: Bluetooth Tx CH19_2440 MHz_500Kbps
	Mode 15: Bluetooth Tx CH39_2480 MHz_500Kbps
	Mode 16: Bluetooth Tx CH00_2402 MHz_1Mbps
	Mode 17: Bluetooth Tx CH19_2440 MHz_1Mbps
	Mode 18: Bluetooth Tx CH39_2480 MHz_1Mbps
	Mode 19: Bluetooth Tx CH00_2402 MHz_2Mbps
	Mode 20: Bluetooth Tx CH19_2440 MHz_2Mbps
	Mode 21: Bluetooth Tx CH39_2480 MHz_2Mbps
	Mode 22: Bluetooth Tx CH00_2402 MHz_125Kbps
	Mode 23: Bluetooth Tx CH19_2440 MHz_125Kbps
	Mode 24: Bluetooth Tx CH39_2480 MHz_125Kbps

Summary table of Test Cases	
Test Item	**Data Rate / Modulation**
AC Conducted Emission	**Bluetooth – LE / GFSK**
	Mode 1: Bluetooth-LE Link + AC Adapter for SKU 1
	Mode 2: Bluetooth-LE Link + AC Adapter for SKU 2
Remark: 1. The worst case of Conducted Emission is mode 2; only the test data of it was reported. 2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	DELL	Latitude 3400	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
2.	Notebook	Lenovo	ideaPad Gaming	PD9AX201NG	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Smartphone	ASUS	Zenfone5	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “About SmartRF Studio version8.0.0.12 ALPHA” 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.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

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.

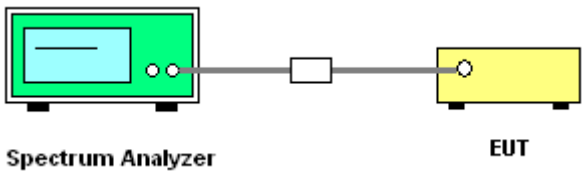
3.1.2 Measuring Instruments

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) ≥ 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.

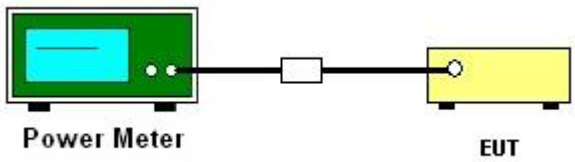
3.2.2 Measuring Instruments

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.

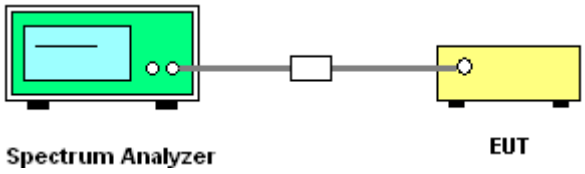
3.4.2 Measuring Instruments

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 output power of this device is measured by spectrum analyzer, the attenuation under this paragraph 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

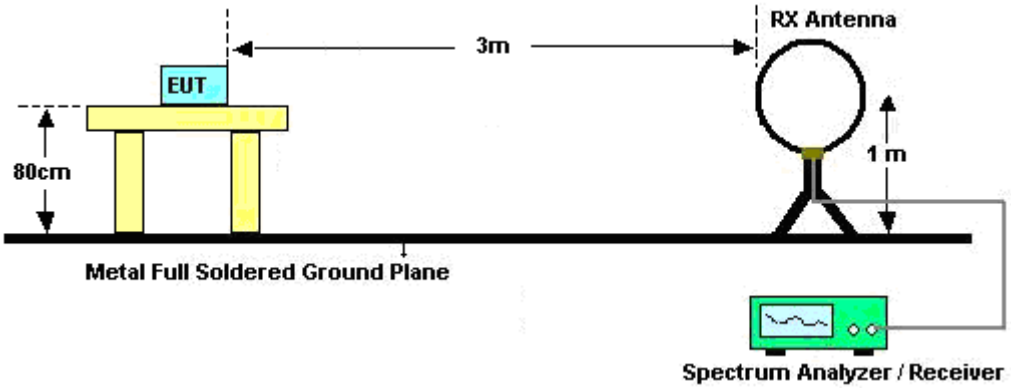
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

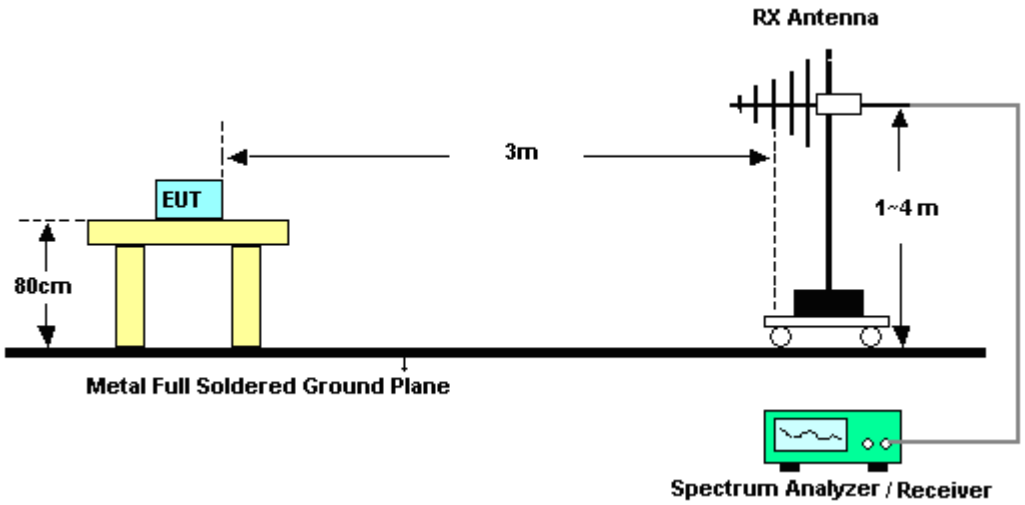
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the 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 ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW = 3 MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 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

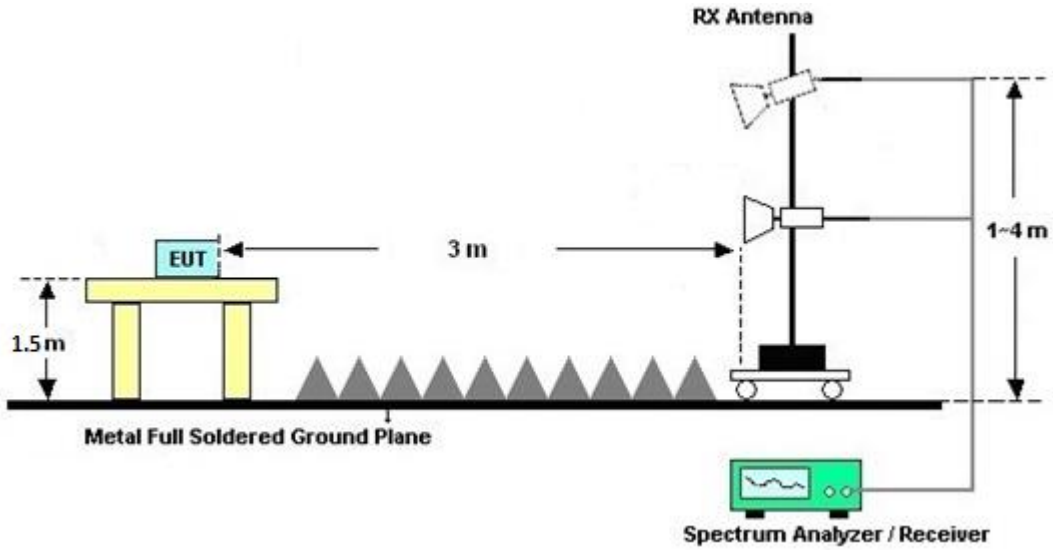
For radiated test below 30MHz



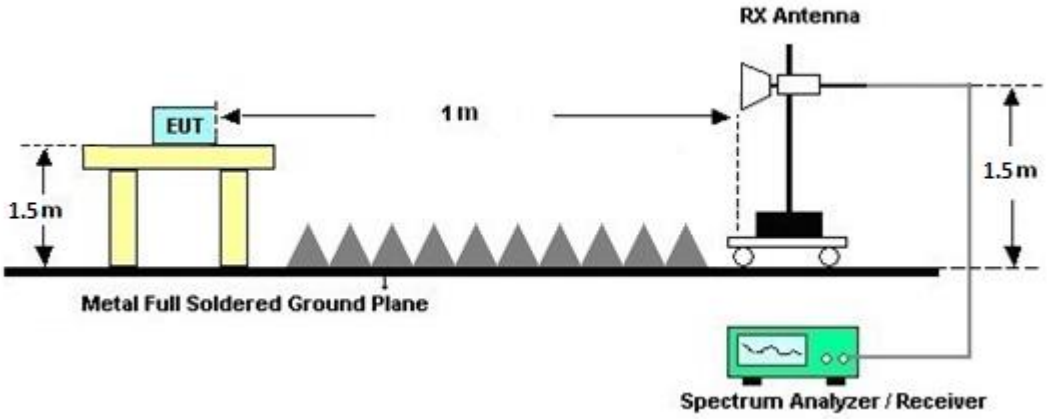
For radiated test from 30MHz to 1GHz



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 (dBμV)	
	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.

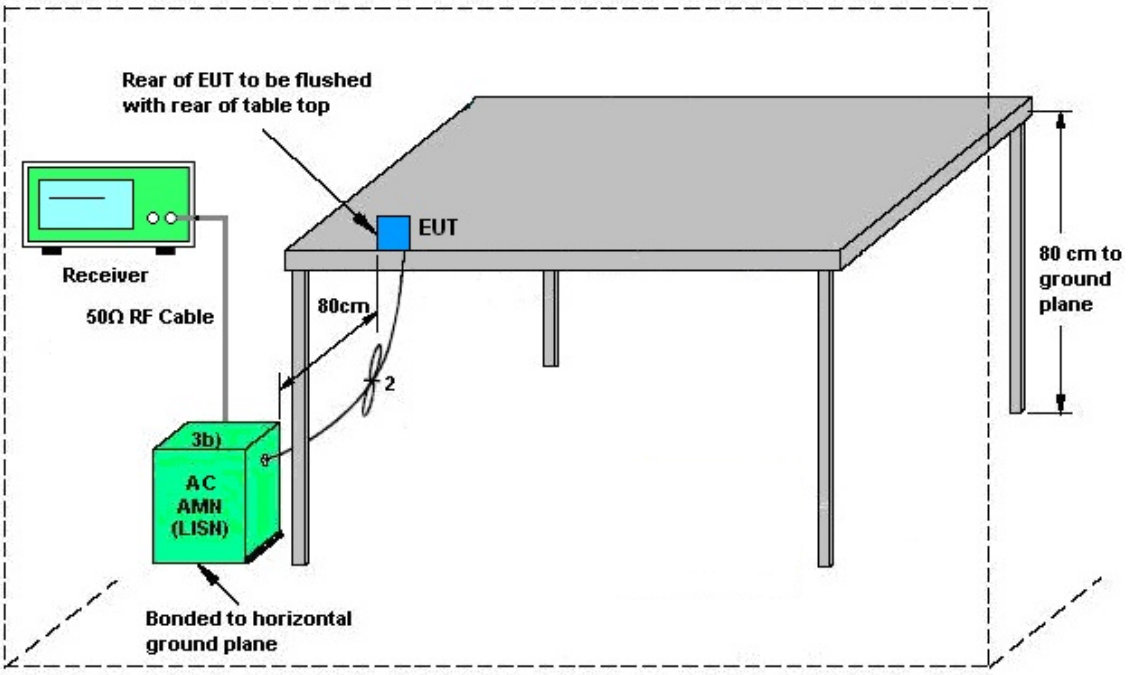
3.6.2 Measuring Instruments

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



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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 rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

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	9 kHz~30 MHz	Sep. 12, 2023	Jan. 12, 2024~ Jan. 28, 2024	Sep. 11, 2024	Radiation (03CH23-HY)
Bilog Antenna with 6dB pad	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	N/A	Oct. 15, 2023	Jan. 12, 2024~ Jan. 28, 2024	Oct. 14, 2024	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	N/A	Jul. 15, 2023	Jan. 12, 2024~ Jan. 28, 2024	Jul. 14, 2024	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18EN	1GHz~18GHz	Jul. 12, 2023	Jan. 12, 2024~ Jan. 28, 2024	Jul. 11, 2024	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	1225	18GHz-40GHz	Jul. 10, 2023	Jan. 12, 2024~ Jan. 28, 2024	Jul. 09, 2024	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060877	N/A	Sep. 28, 2023	Jan. 12, 2024~ Jan. 28, 2024	Sep. 27, 2024	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060871	18-40GHz	Aug. 30, 2023	Jan. 12, 2024~ Jan. 28, 2024	Aug. 29, 2024	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	N/A	Aug. 17, 2023	Jan. 12, 2024~ Jan. 28, 2024	Aug. 16, 2024	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303B	TP211542	N/A	Oct. 30, 2023	Jan. 12, 2024~ Jan. 28, 2024	Oct. 29, 2024	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jan. 12, 2024~ Jan. 28, 2024	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 12, 2024~ Jan. 28, 2024	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 12, 2024~ Jan. 28, 2024	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019122	RK-002348	N/A	N/A	Jan. 12, 2024~ Jan. 28, 2024	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 07, 2023	Jan. 12, 2024~ Jan. 28, 2024	Mar. 06, 2024	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/231119/ 231122	N/A	Nov. 27, 2023	Jan. 12, 2024~ Jan. 28, 2024	Nov. 26, 2024	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 07, 2023	Jan. 30, 2024	Nov. 06, 2024	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	16I00054SNO12 (NO:113)	10MHz~6GHz	Dec. 12, 2023	Jan. 30, 2024	Dec. 11, 2024	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 23, 2023	Jan. 30, 2024	Aug. 22, 2024	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jan. 17, 2024~ Jan. 26, 2024	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 17, 2024~ Jan. 26, 2024	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2023	Jan. 17, 2024~ Jan. 26, 2024	Oct. 19, 2024	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 15, 2023	Jan. 17, 2024~ Jan. 26, 2024	Mar. 14, 2024	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 05, 2023	Jan. 17, 2024~ Jan. 26, 2024	Mar. 04, 2024	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 13, 2023	Jan. 17, 2024~ Jan. 26, 2024	Mar. 12, 2024	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Sep. 20, 2023	Jan. 17, 2024~ Jan. 26, 2024	Sep. 19, 2024	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))	**3.44 dB**

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.80 dB**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.40 dB**

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.30 dB**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.20 dB**

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Eason Huang	Temperature:	21~25	°C
Test Date:	2024/1/30	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
BLE	125kbps	1	0	2402	1.108	0.766	0.50	Pass
BLE	125kbps	1	19	2440	1.104	0.766	0.50	Pass
BLE	125kbps	1	39	2480	1.094	0.767	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)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	125kbps	1	0	2402	7.80	30.00	1.53	9.33	36.00	Pass
BLE	125kbps	1	19	2440	6.90	30.00	1.53	8.43	36.00	Pass
BLE	125kbps	1	39	2480	6.90	30.00	1.53	8.43	36.00	Pass

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	125kbps	1	0	2402	4.63	1.99	1.53	8.00	Pass
BLE	125kbps	1	19	2440	3.41	0.84	1.53	8.00	Pass
BLE	125kbps	1	39	2480	3.97	0.86	1.53	8.00	Pass

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

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
BLE	500kbps	1	0	2402	1.066	0.712	0.50	Pass
BLE	500kbps	1	19	2440	1.058	0.725	0.50	Pass
BLE	500kbps	1	39	2480	1.056	0.730	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)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	500kbps	1	0	2402	7.80	30.00	1.53	9.33	36.00	Pass
BLE	500kbps	1	19	2440	6.90	30.00	1.53	8.43	36.00	Pass
BLE	500kbps	1	39	2480	6.90	30.00	1.53	8.43	36.00	Pass

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	500kbps	1	0	2402	7.80	-5.19	1.53	8.00	Pass
BLE	500kbps	1	19	2440	6.68	-5.67	1.53	8.00	Pass
BLE	500kbps	1	39	2480	6.81	-5.51	1.53	8.00	Pass

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

Report Number : FR3D0610

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
BLE	1Mbps	1	0	2402	1.076	0.716	0.50	Pass
BLE	1Mbps	1	19	2440	1.088	0.724	0.50	Pass
BLE	1Mbps	1	39	2480	1.070	0.709	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)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	1Mbps	1	0	2402	7.80	30.00	1.53	9.33	36.00	Pass
BLE	1Mbps	1	19	2440	6.90	30.00	1.53	8.43	36.00	Pass
BLE	1Mbps	1	39	2480	6.90	30.00	1.53	8.43	36.00	Pass

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	1Mbps	1	0	2402	7.79	-3.77	1.53	8.00	Pass
BLE	1Mbps	1	19	2440	6.70	-6.31	1.53	8.00	Pass
BLE	1Mbps	1	39	2480	6.82	-5.55	1.53	8.00	Pass

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

Report Number : FR3D0610

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
BLE	2Mbps	1	0	2402	2.069	1.366	0.50	Pass
BLE	2Mbps	1	19	2440	2.065	1.362	0.50	Pass
BLE	2Mbps	1	39	2480	2.073	1.337	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)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	2Mbps	1	0	2402	7.80	30.00	1.53	9.33	36.00	Pass
BLE	2Mbps	1	19	2440	6.90	30.00	1.53	8.43	36.00	Pass
BLE	2Mbps	1	39	2480	6.90	30.00	1.53	8.43	36.00	Pass

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	2Mbps	1	0	2402	6.63	-7.14	1.53	8.00	Pass
BLE	2Mbps	1	19	2440	5.56	-7.68	1.53	8.00	Pass
BLE	2Mbps	1	39	2480	5.95	-7.46	1.53	8.00	Pass

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

6dB Bandwidth

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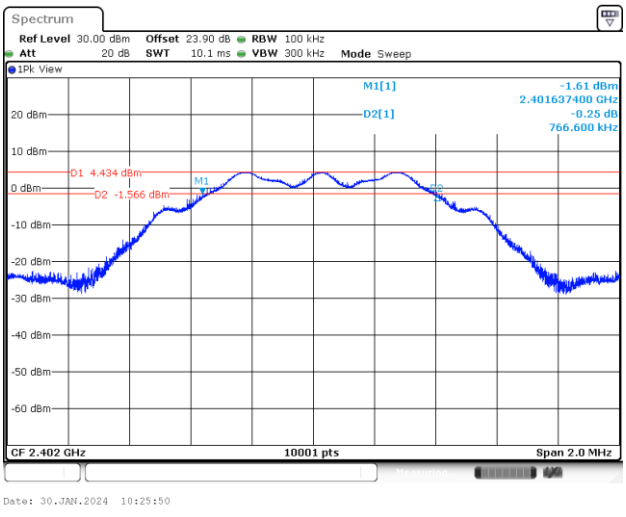
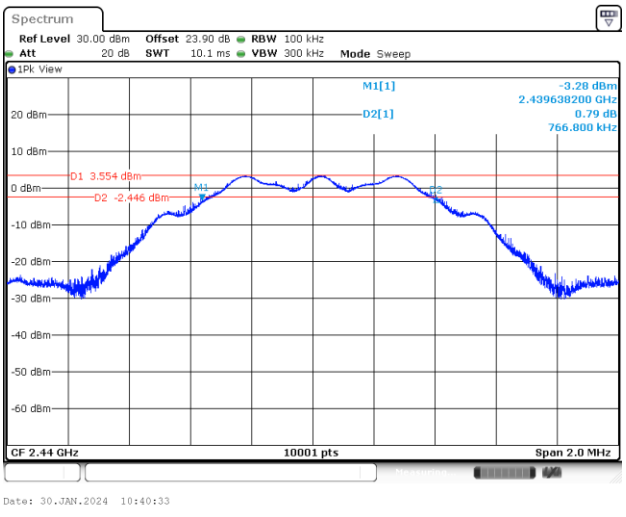
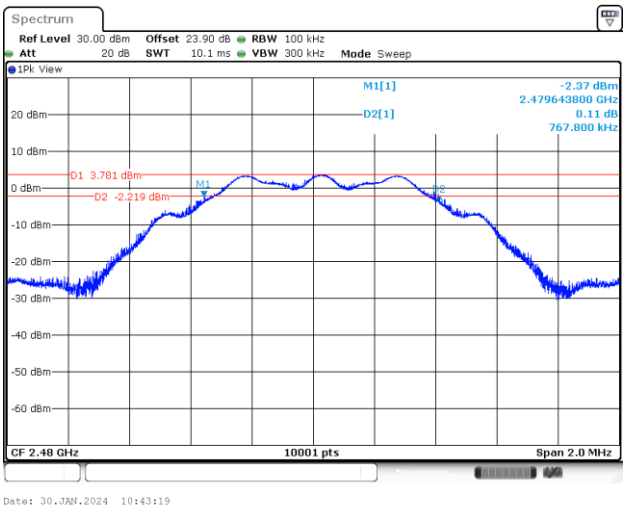
6 dB Bandwidth Plot on Channel 00	6 dB Bandwidth Plot on Channel 19
	
6 dB Bandwidth Plot on Channel 39	
	

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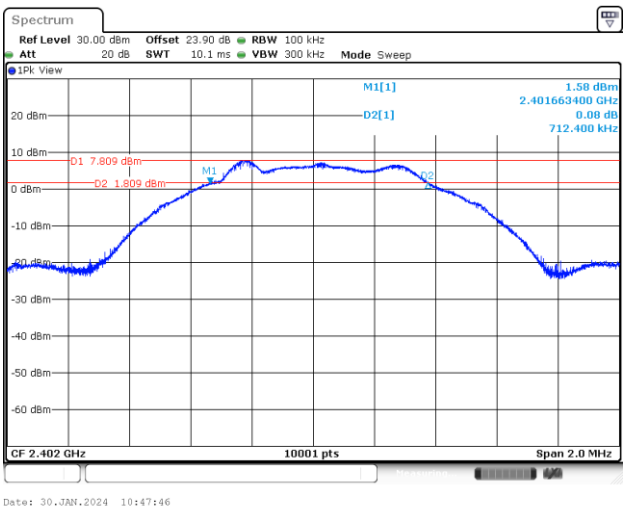
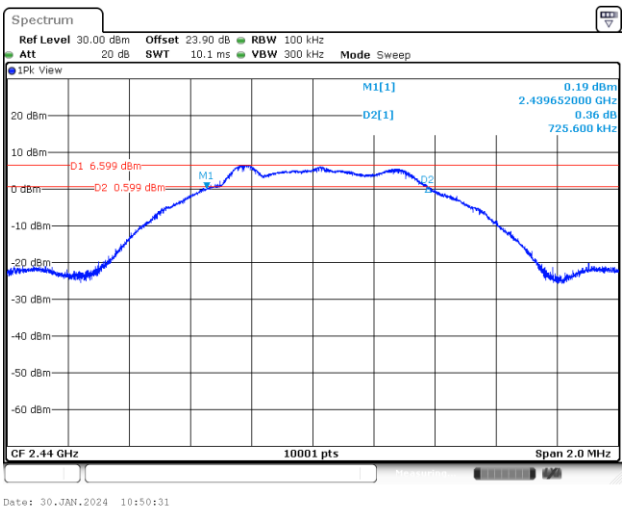
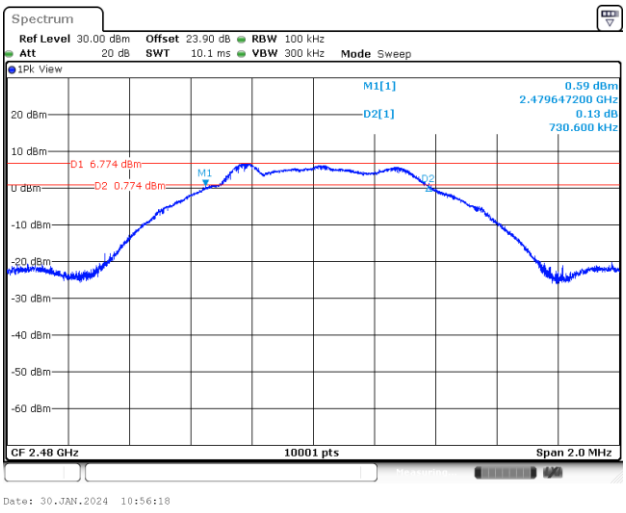
6 dB Bandwidth Plot on Channel 00	6 dB Bandwidth Plot on Channel 19
	
6 dB Bandwidth Plot on Channel 39	
	

99% Occupied Bandwidth

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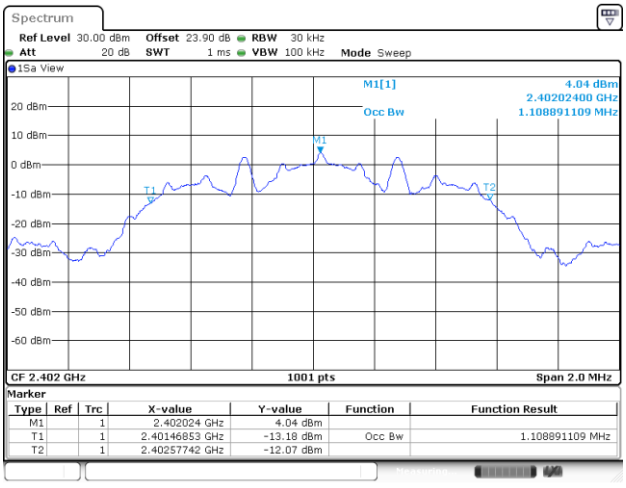
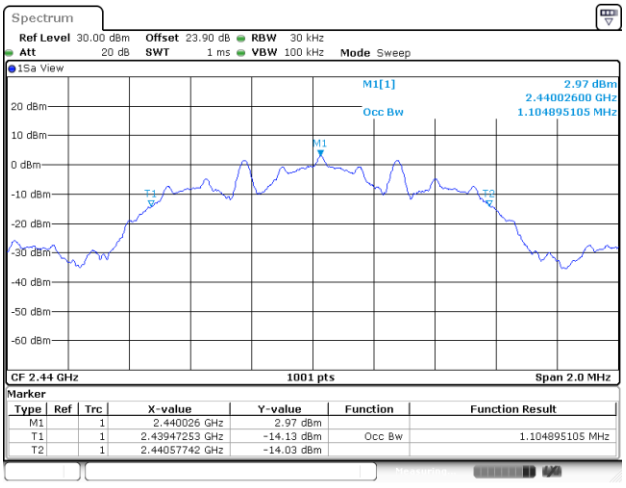
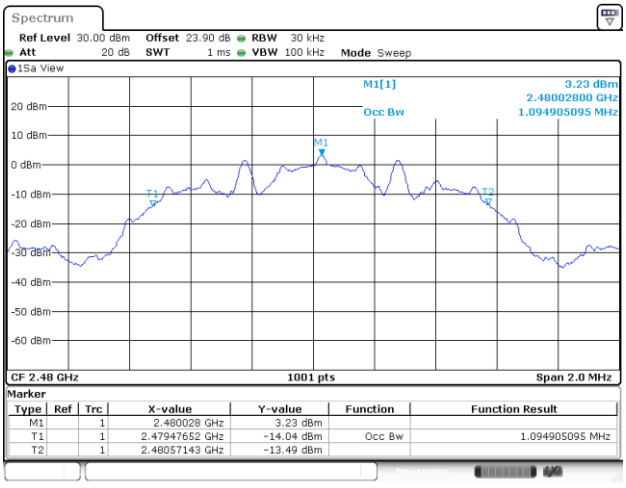
99% Occupied Bandwidth Plot on Channel 00	99% Occupied Bandwidth Plot on Channel 19
	
99% Occupied Bandwidth Plot on Channel 39	
	

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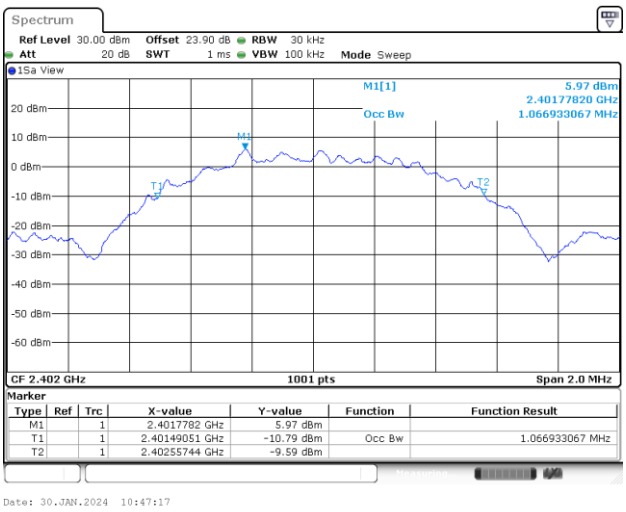
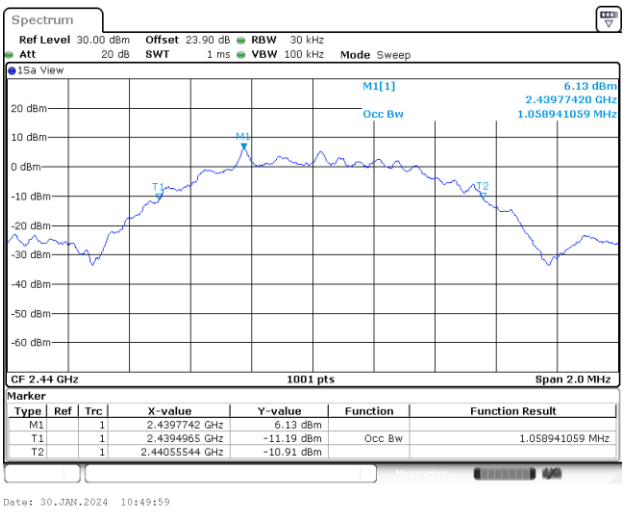
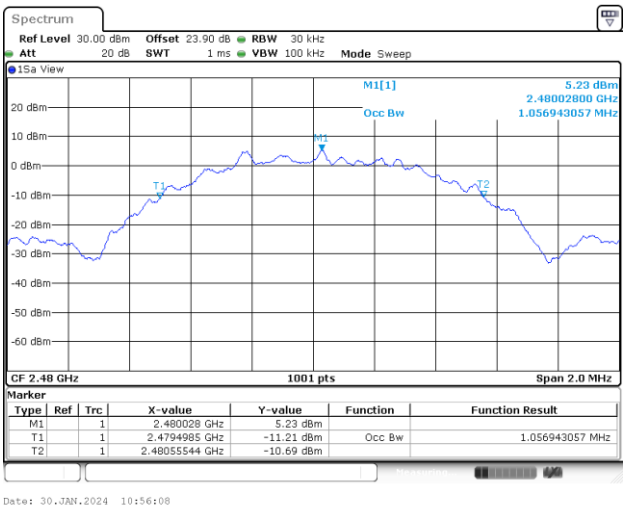
99% Occupied Bandwidth Plot on Channel 00	99% Occupied Bandwidth Plot on Channel 19
	
99% Occupied Bandwidth Plot on Channel 39	
	

Power Spectral Density (dBm/3kHz)

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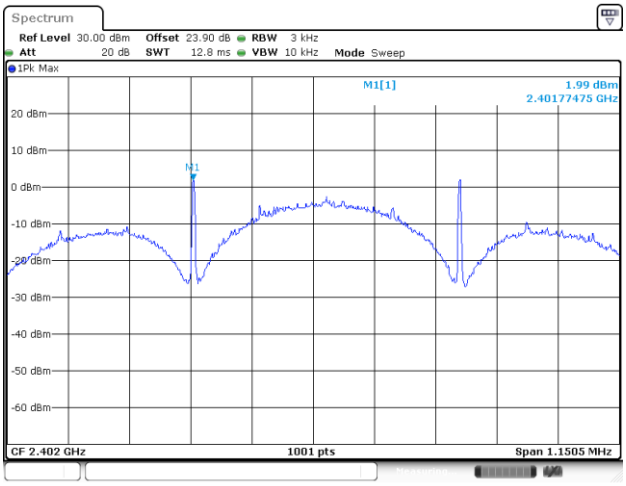
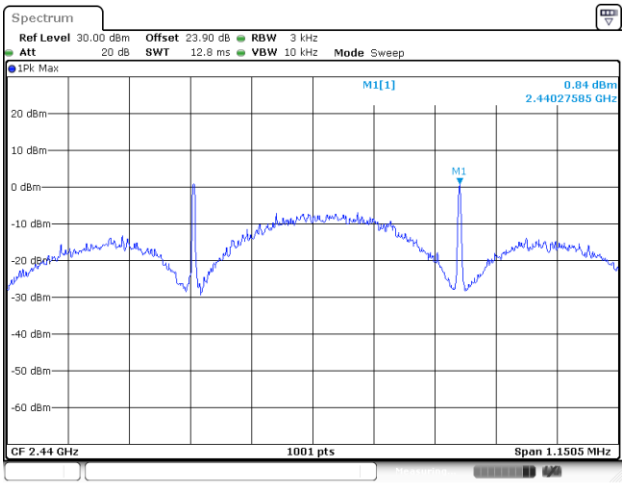
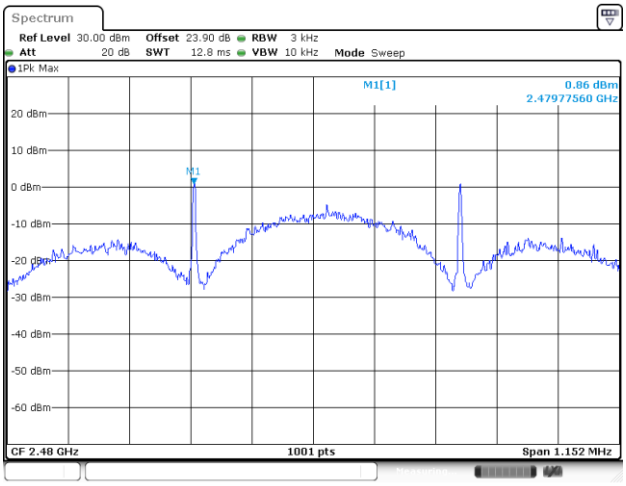
Power Density (dBm/3kHz) Plot Channel 00	Power Density (dBm/3kHz) Plot Channel 19
	
Power Density (dBm/3kHz) Plot Channel 39	
	

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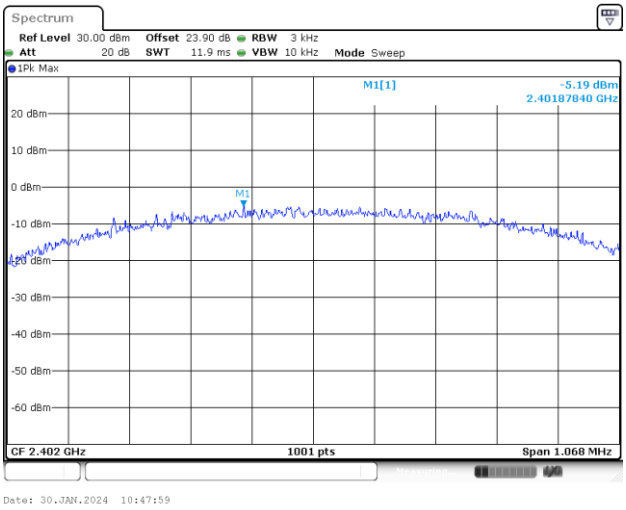
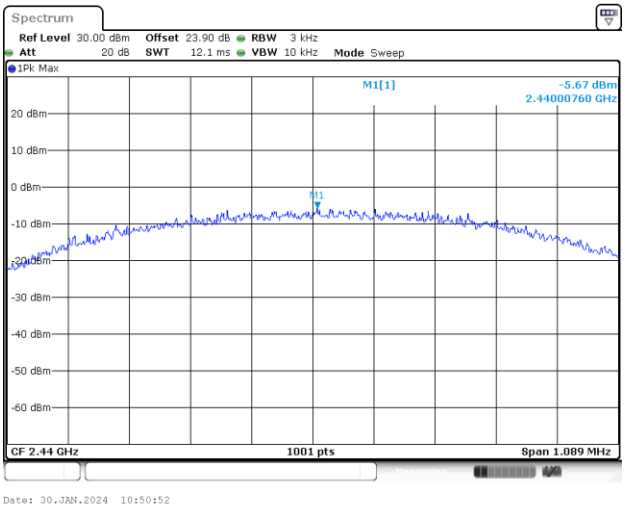
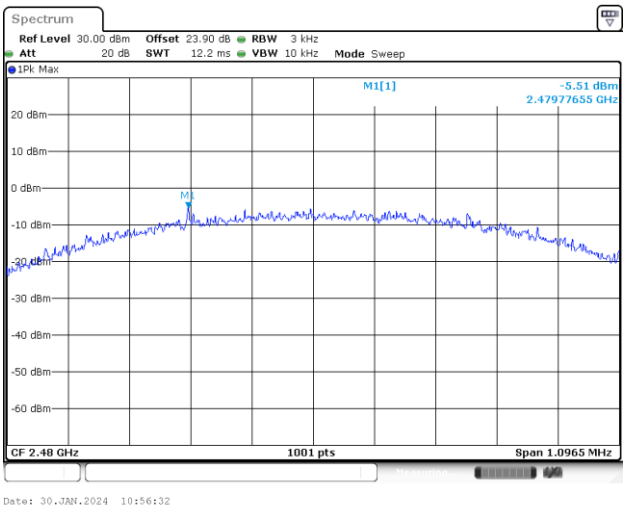
Power Density (dBm/3kHz) Plot Channel 00	Power Density (dBm/3kHz) Plot Channel 19
	
Power Density (dBm/3kHz) Plot Channel 39	
	

Band Edge and Conducted Spurious Emission

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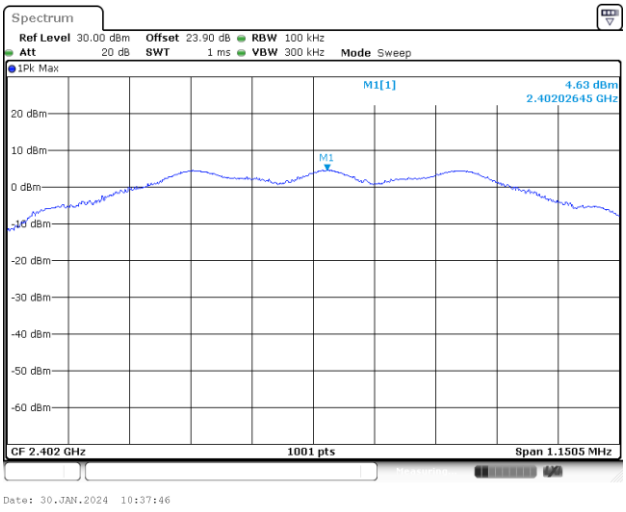
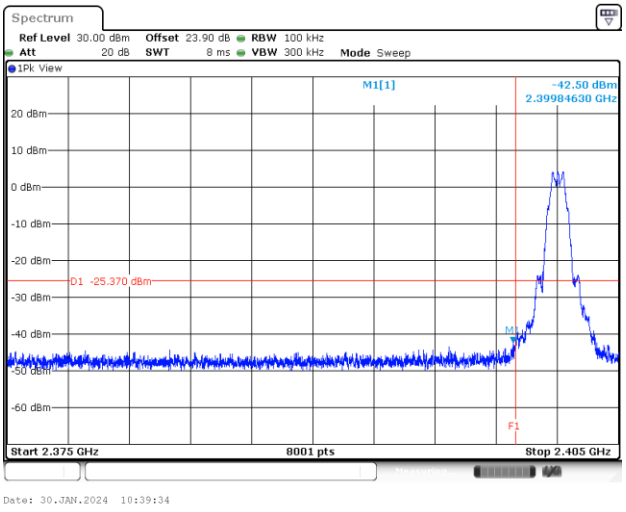
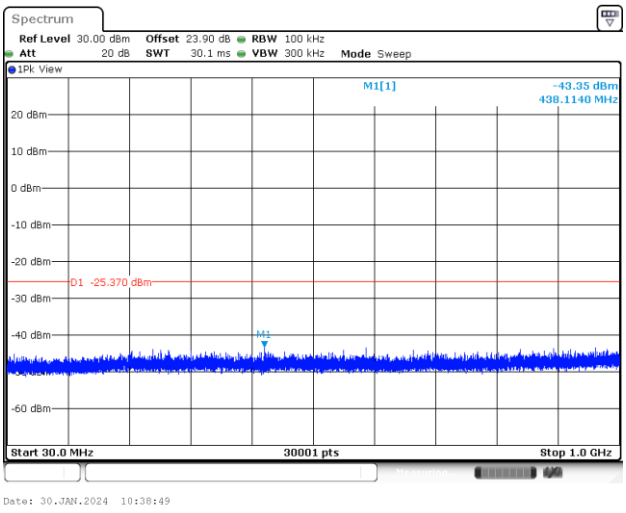
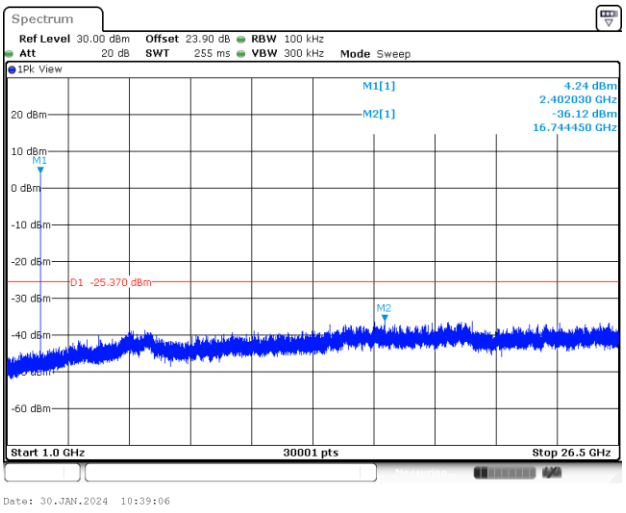
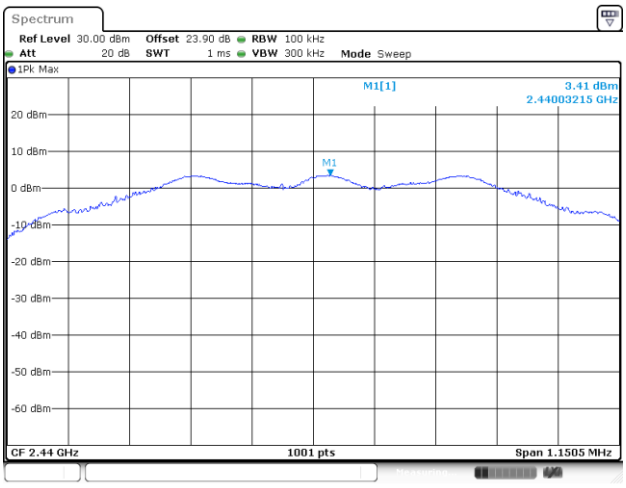
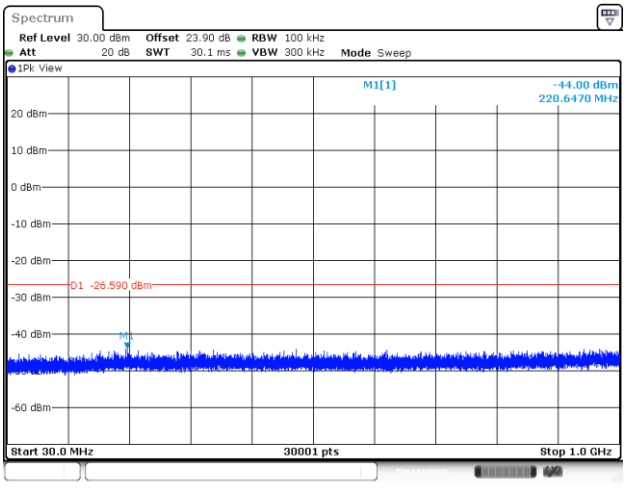
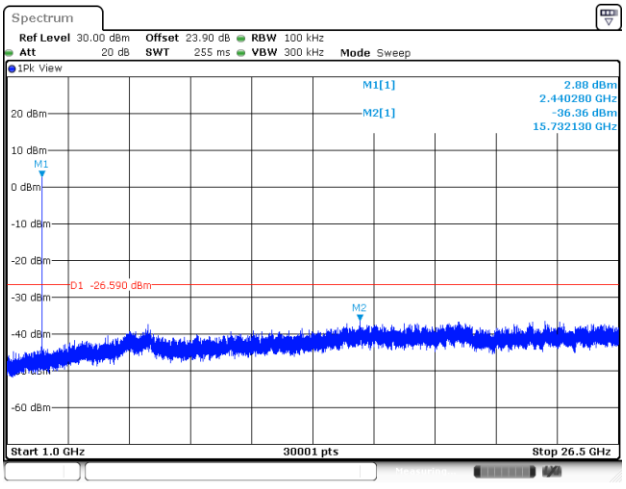
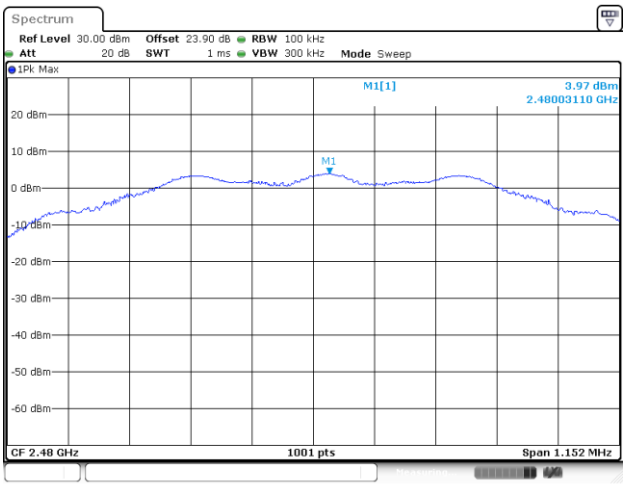
Channel 00	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

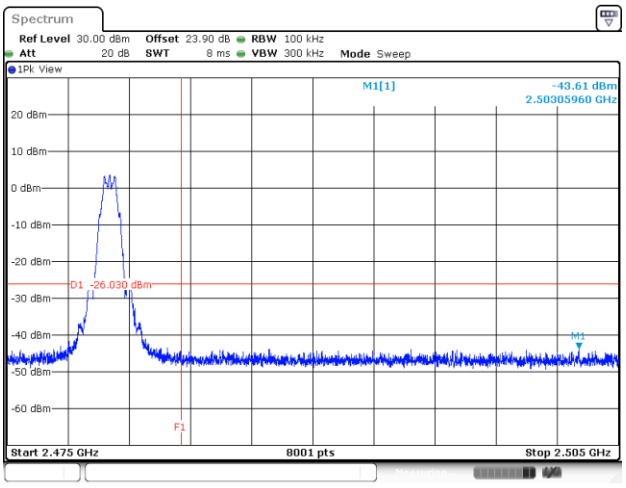
Channel 19	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 39

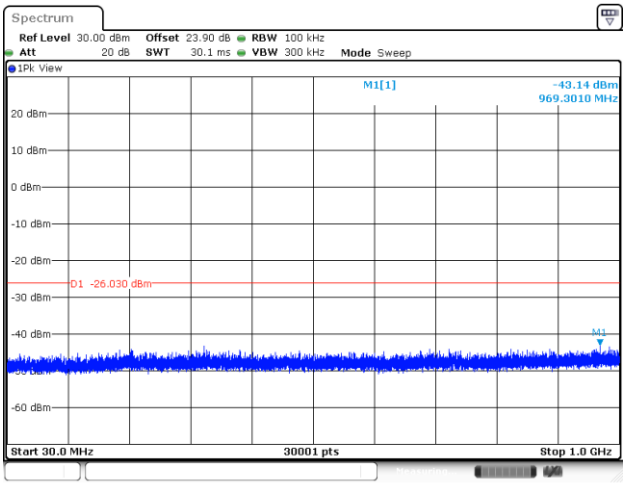
100kHz PSD reference Level Plot



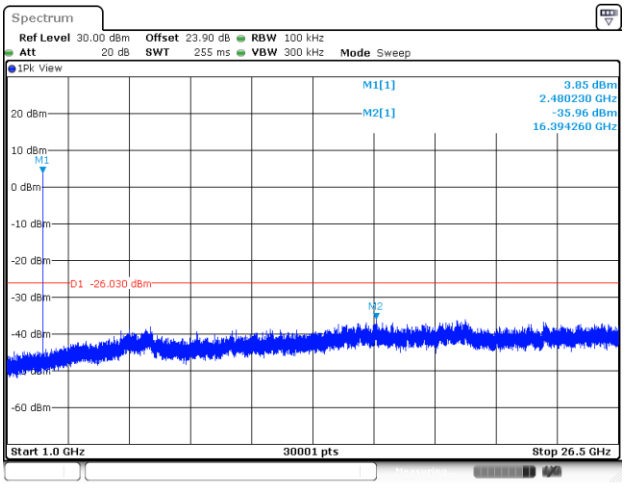
Channel Plot



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot



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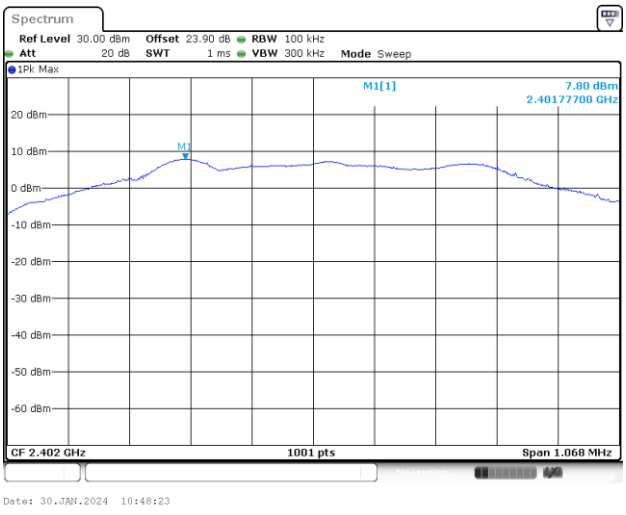
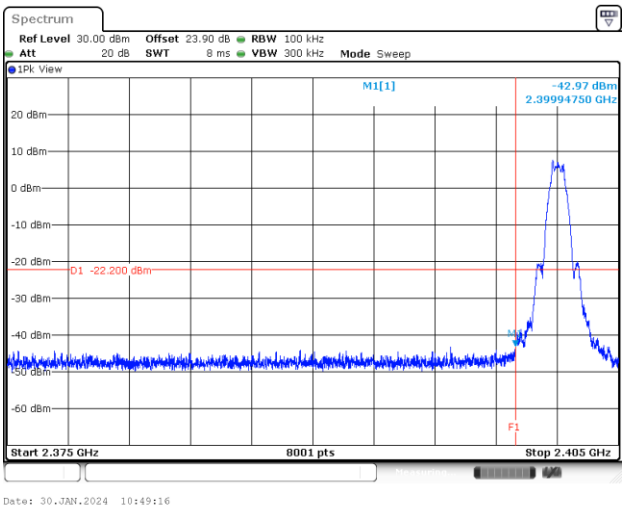
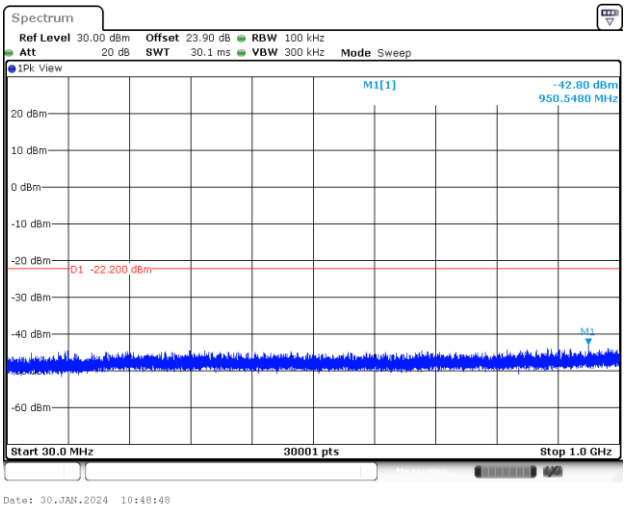
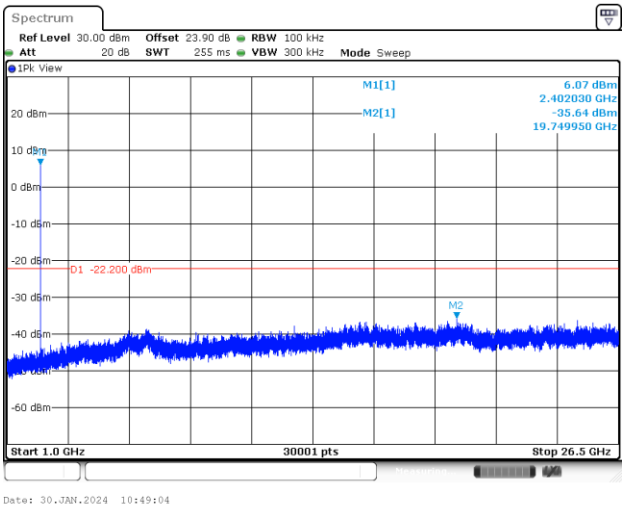
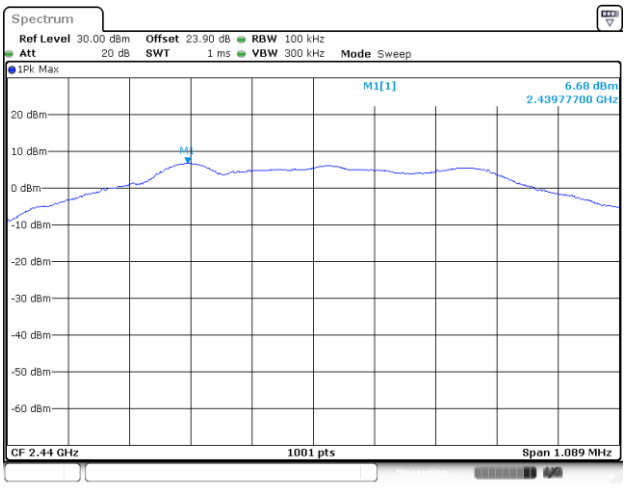
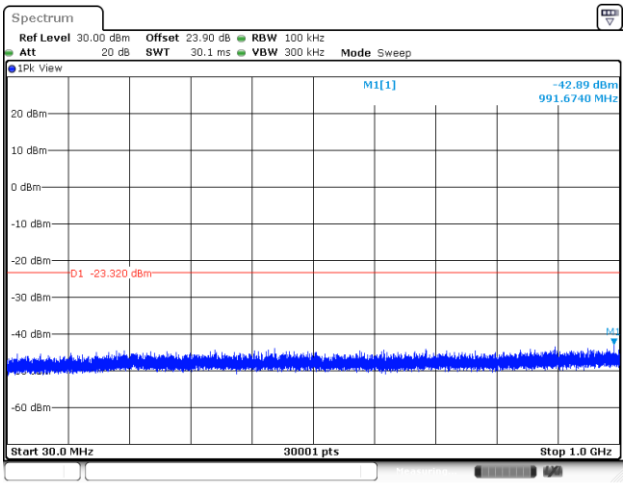
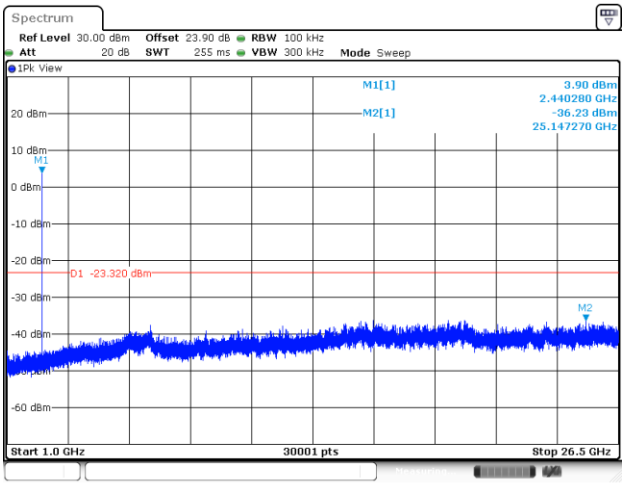
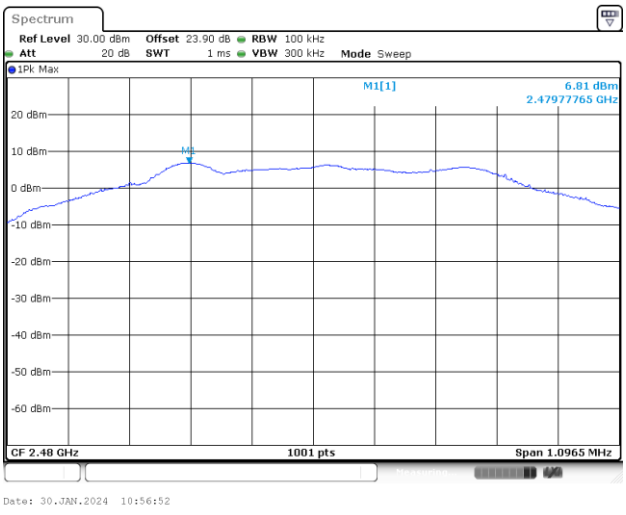
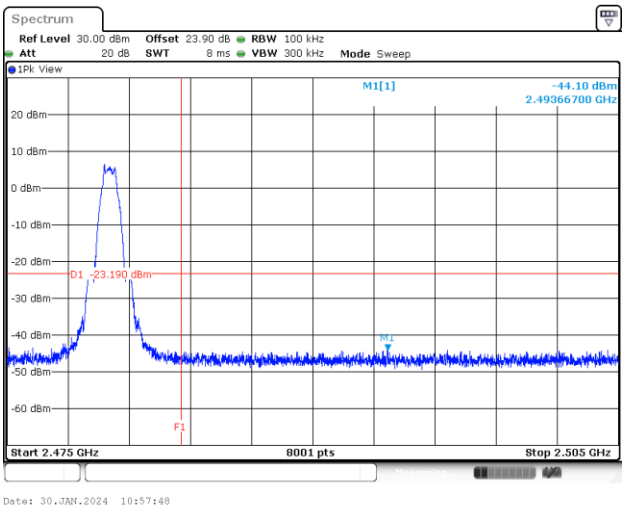
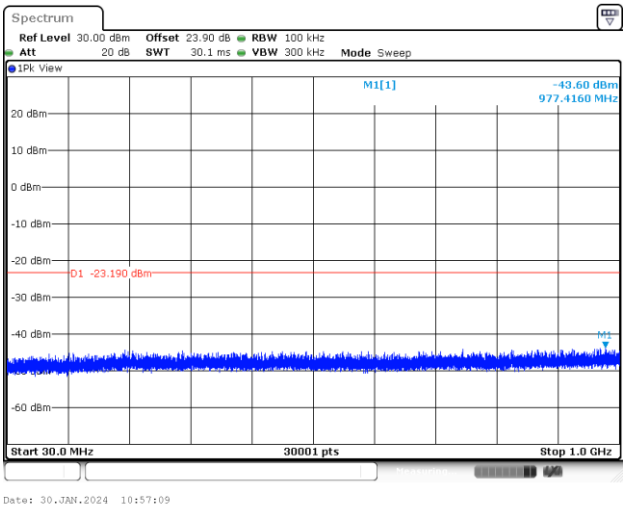
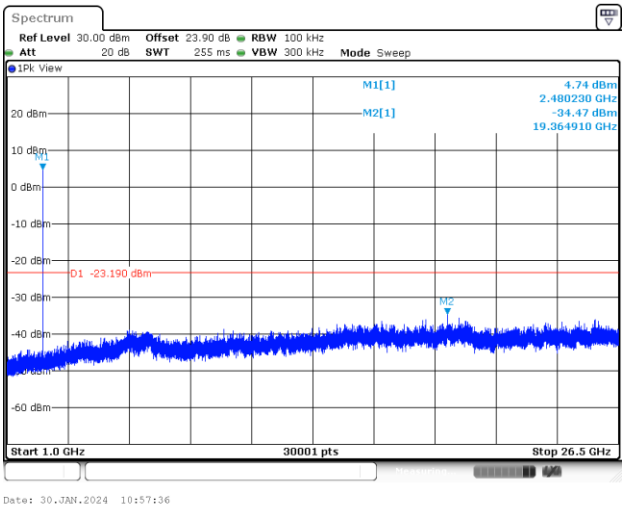
Channel 00	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 19	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 39	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

6dB Bandwidth

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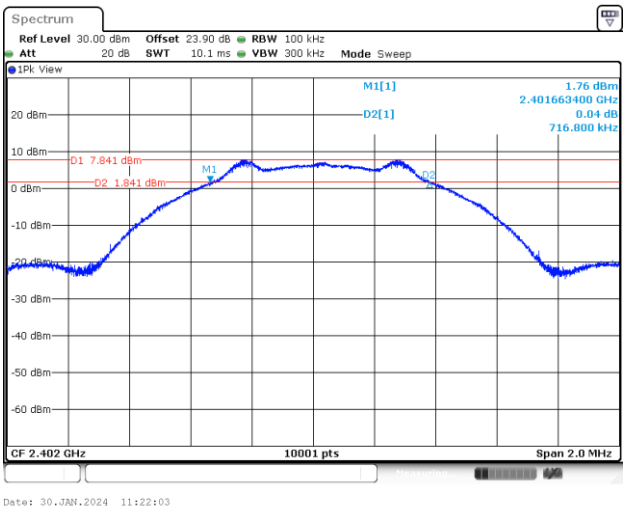
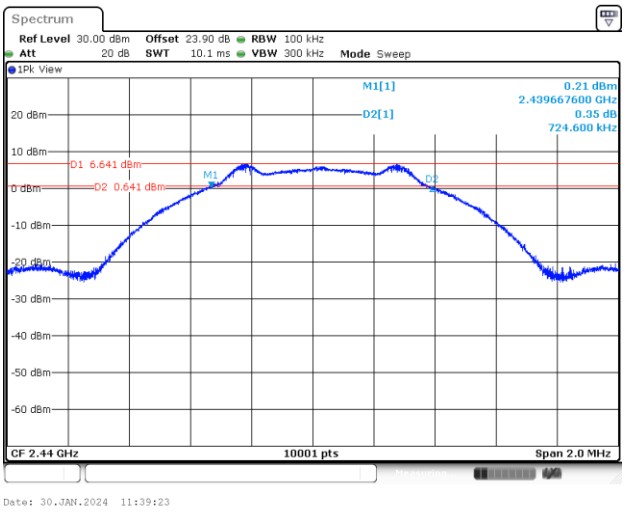
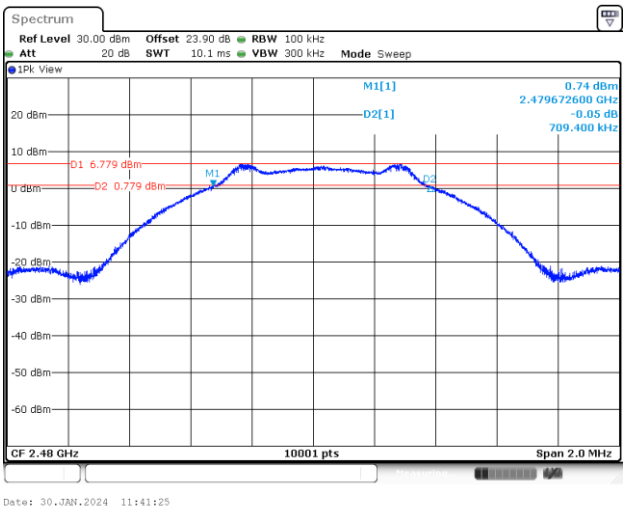
6 dB Bandwidth Plot on Channel 00	6 dB Bandwidth Plot on Channel 19
	
6 dB Bandwidth Plot on Channel 39	
	

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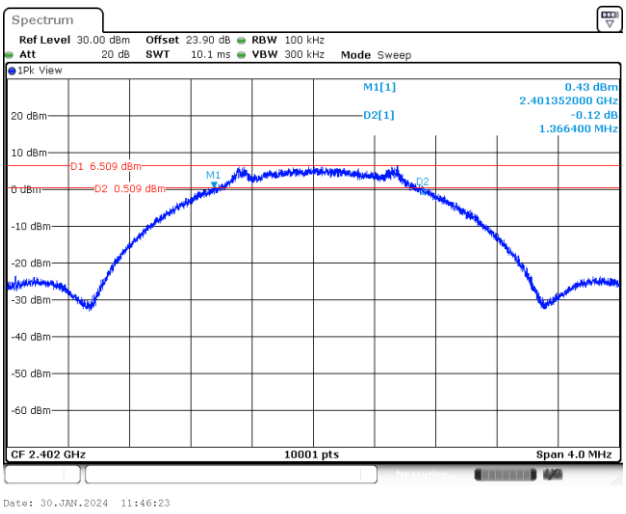
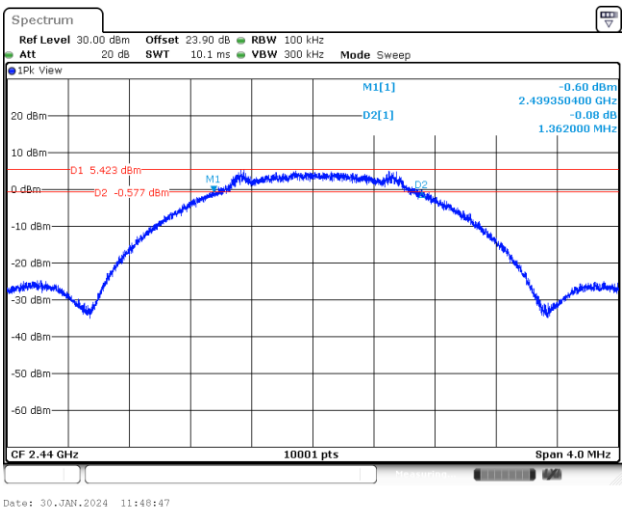
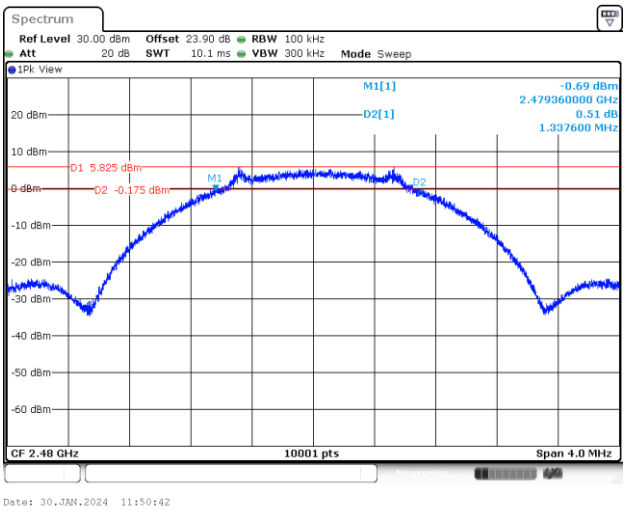
6 dB Bandwidth Plot on Channel 00	6 dB Bandwidth Plot on Channel 19
	
6 dB Bandwidth Plot on Channel 39	
	

99% Occupied Bandwidth

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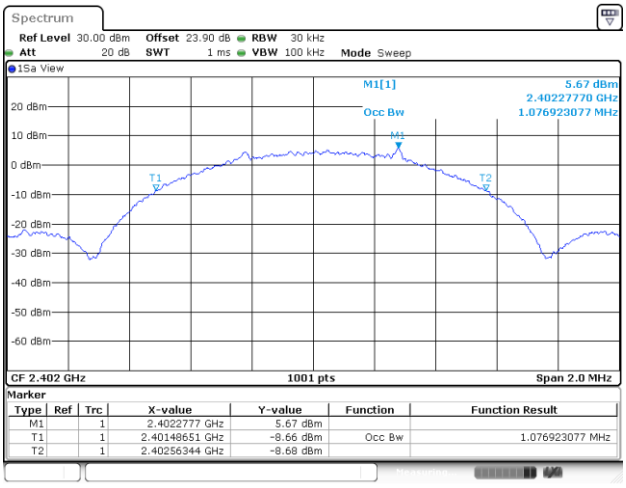
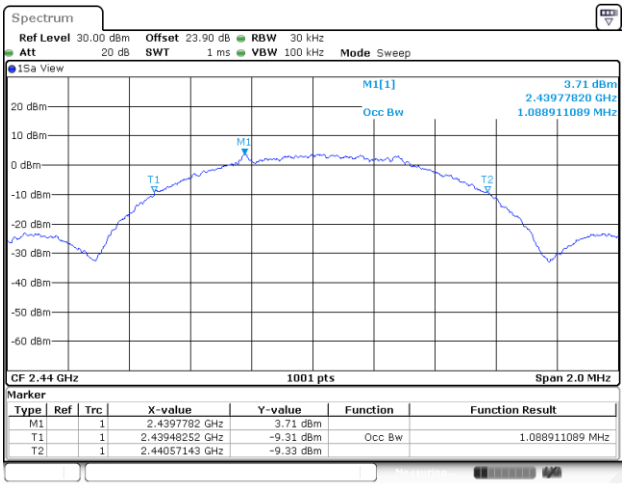
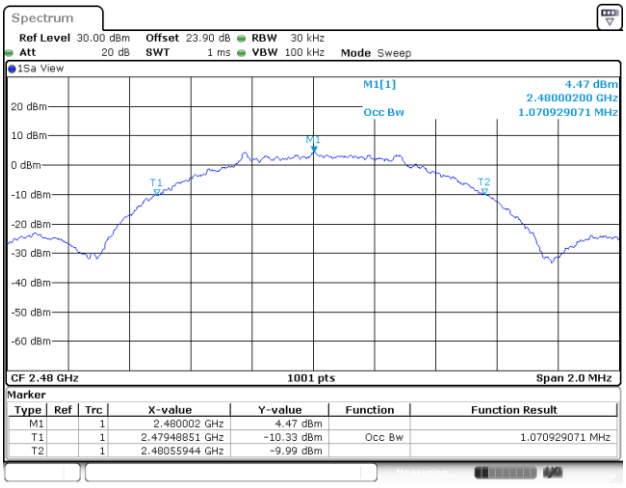
99% Occupied Bandwidth Plot on Channel 00	99% Occupied Bandwidth Plot on Channel 19
	
99% Occupied Bandwidth Plot on Channel 39	
	

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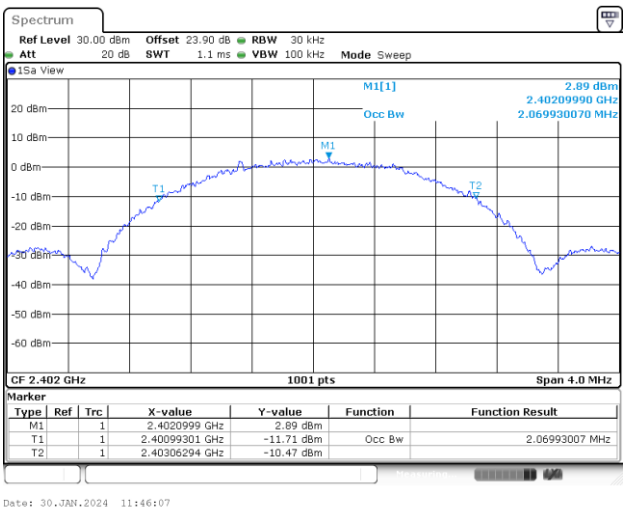
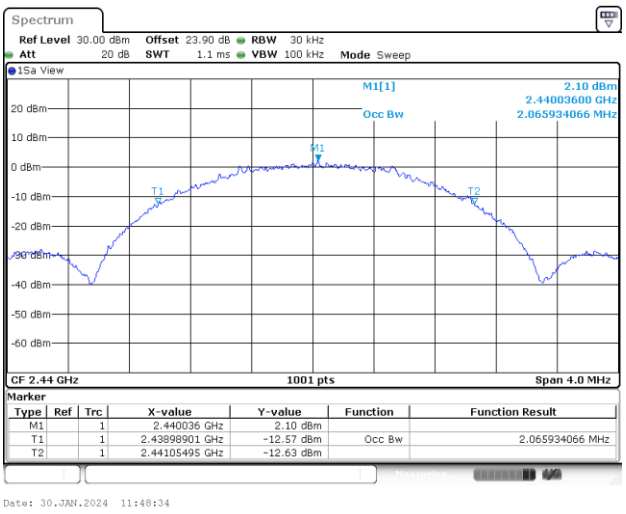
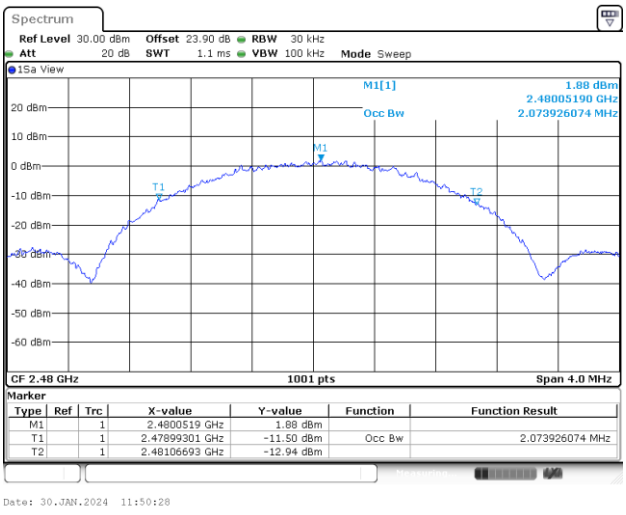
99% Occupied Bandwidth Plot on Channel 00	99% Occupied Bandwidth Plot on Channel 19
	
99% Occupied Bandwidth Plot on Channel 39	
	

Power Spectral Density (dBm/3kHz)

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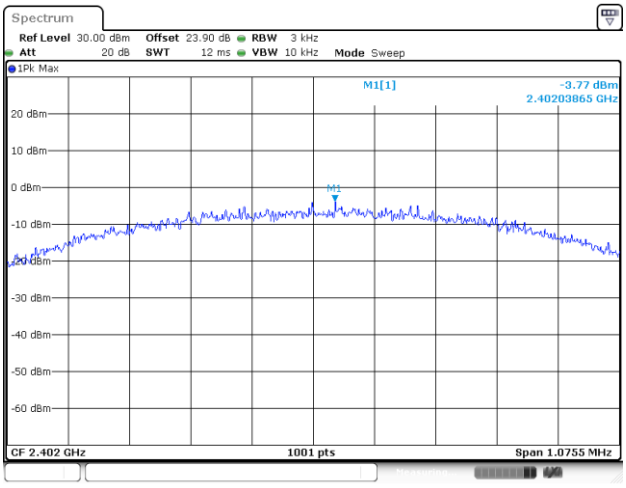
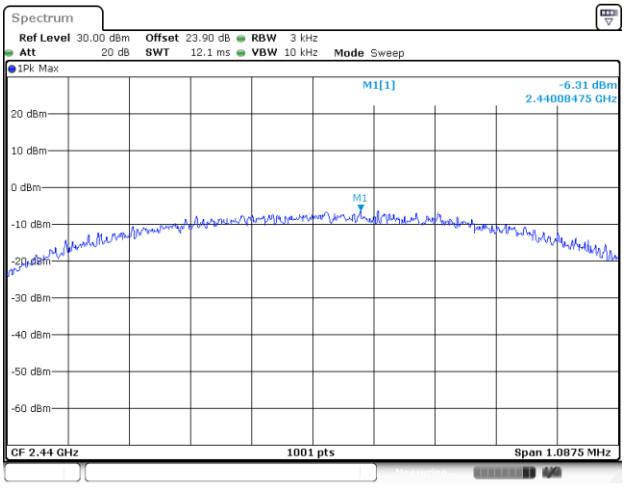
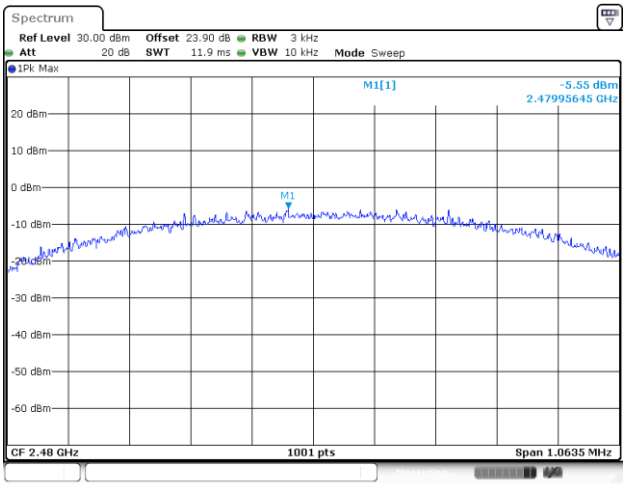
Power Density (dBm/3kHz) Plot Channel 00	Power Density (dBm/3kHz) Plot Channel 19
	
Power Density (dBm/3kHz) Plot Channel 39	
	

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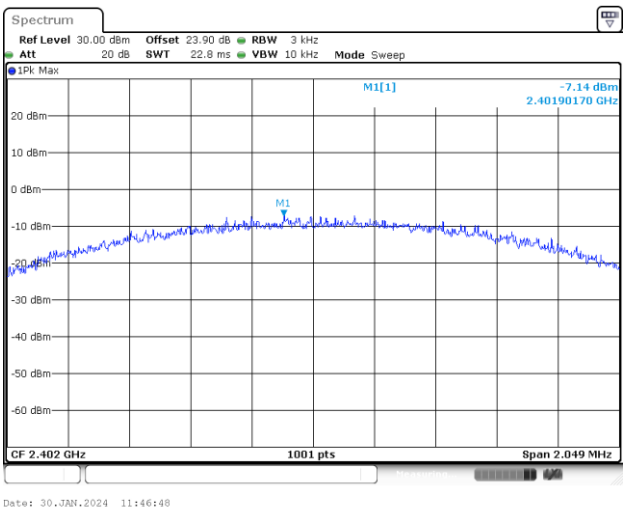
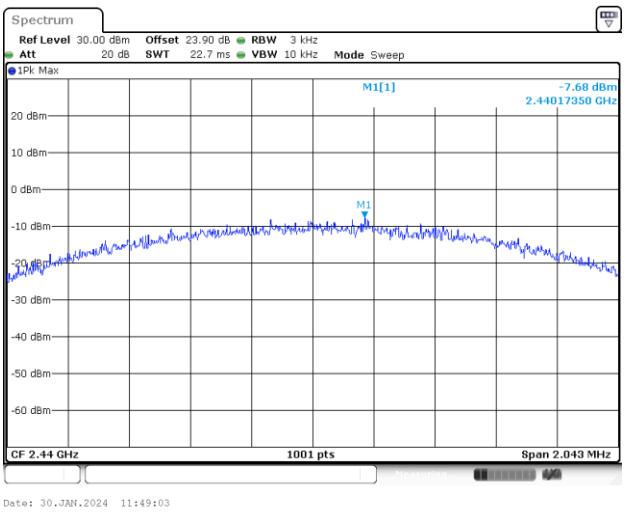
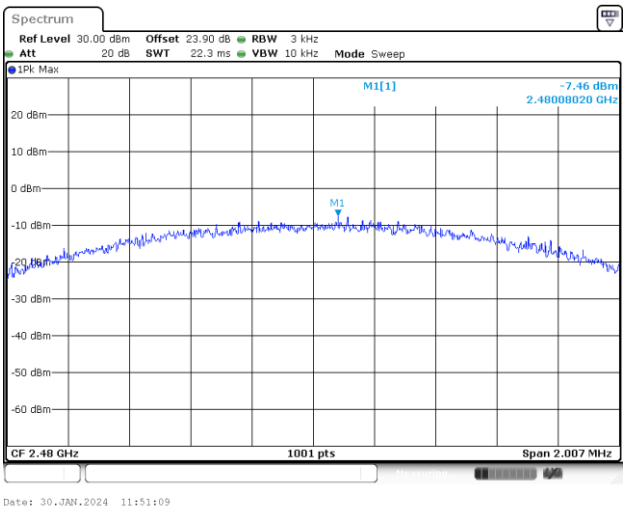
Power Density (dBm/3kHz) Plot Channel 00	Power Density (dBm/3kHz) Plot Channel 19
	
Power Density (dBm/3kHz) Plot Channel 39	
	

Band Edge and Conducted Spurious Emission

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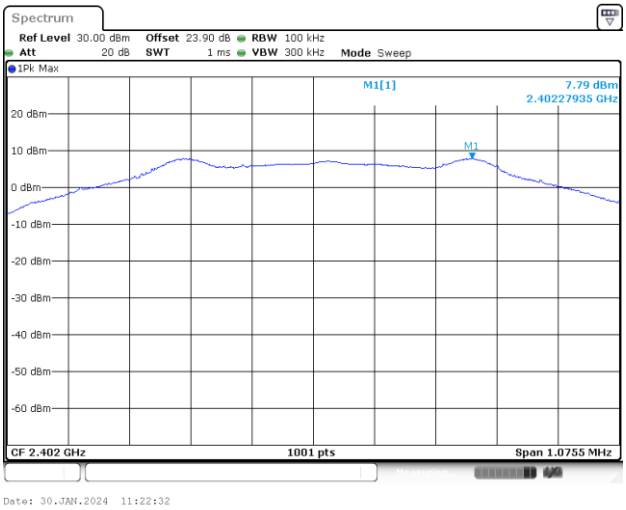
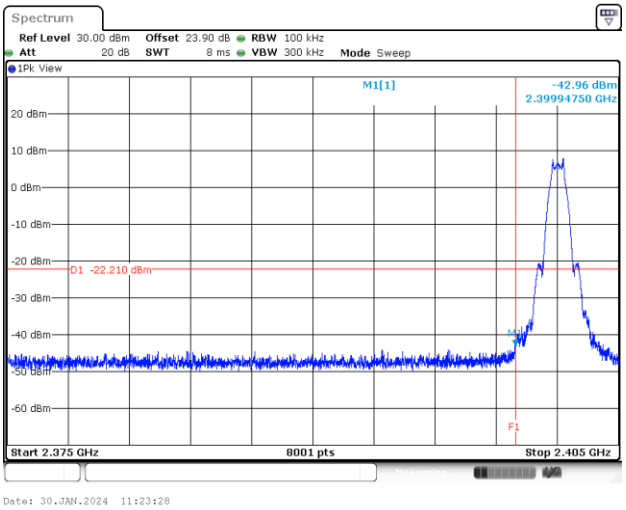
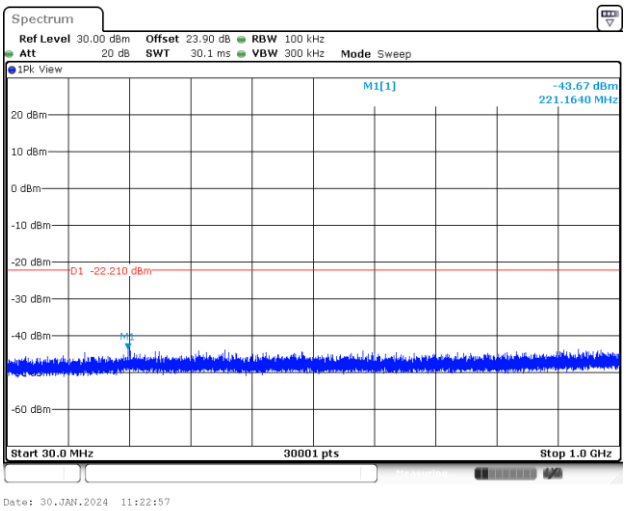
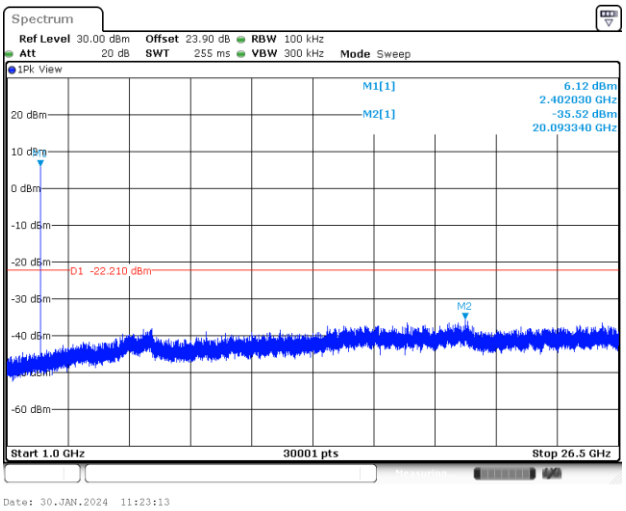
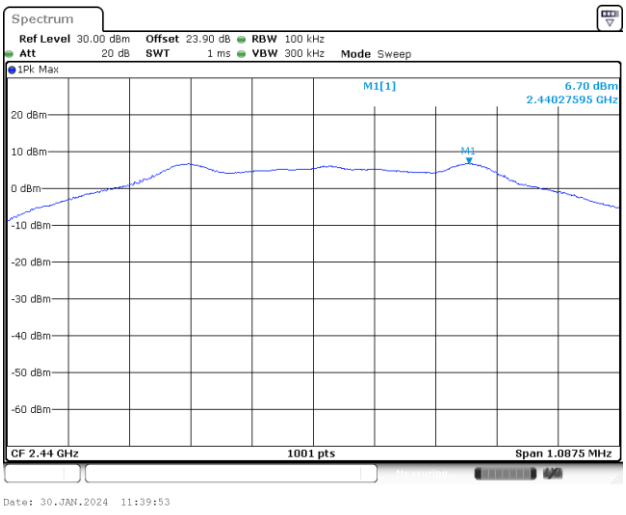
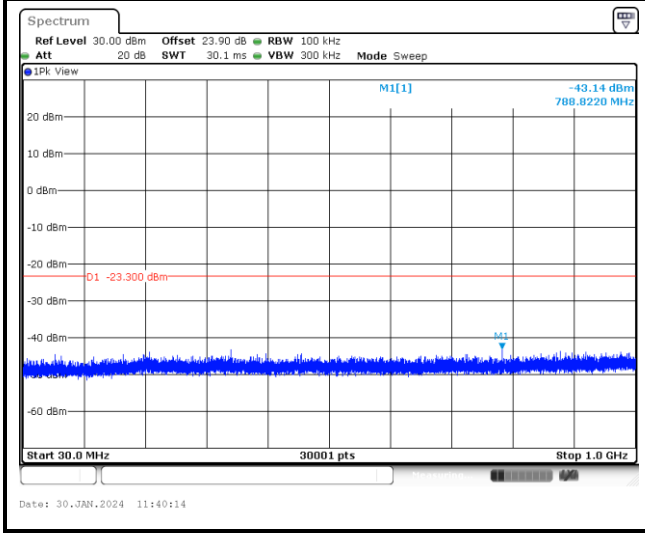
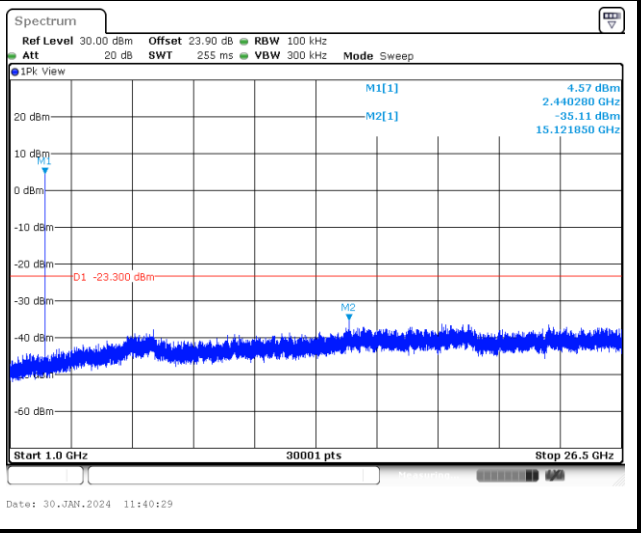
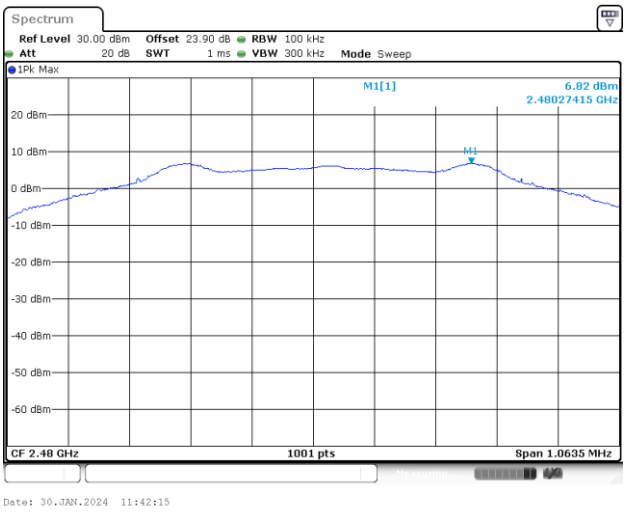
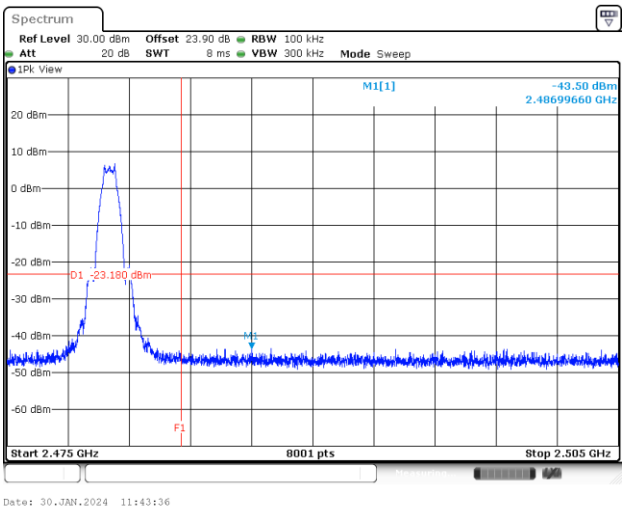
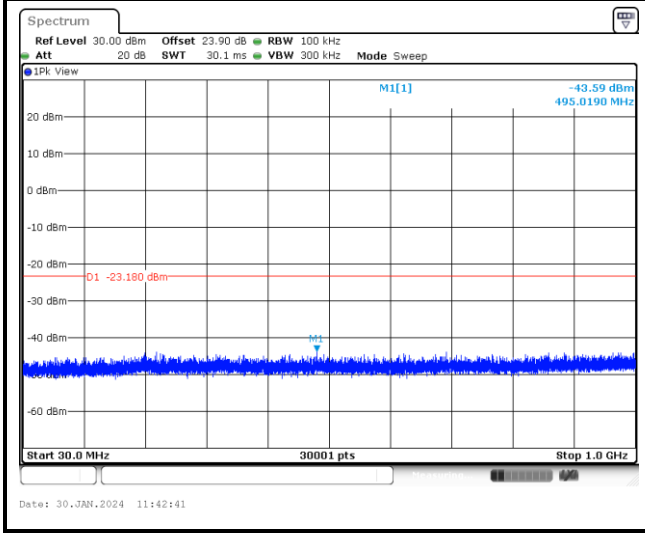
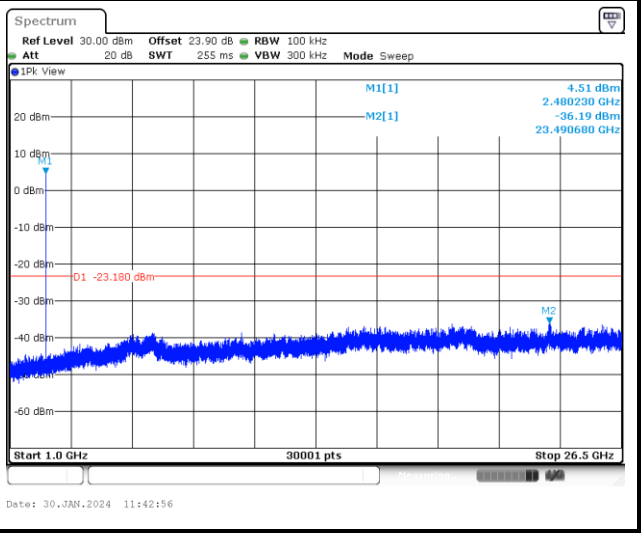
Channel 00	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 19	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 39	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

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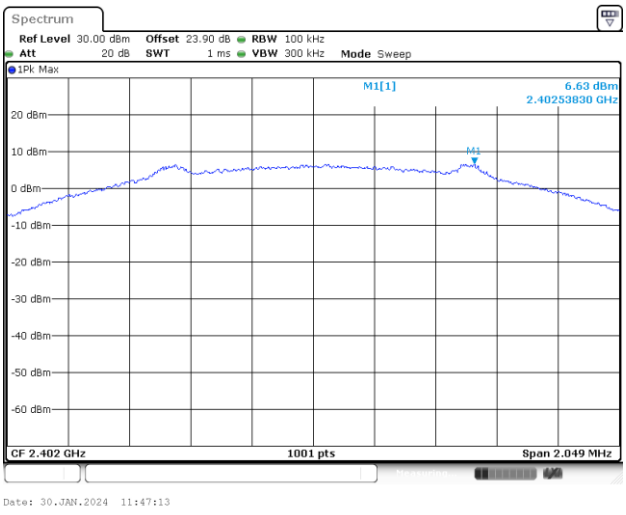
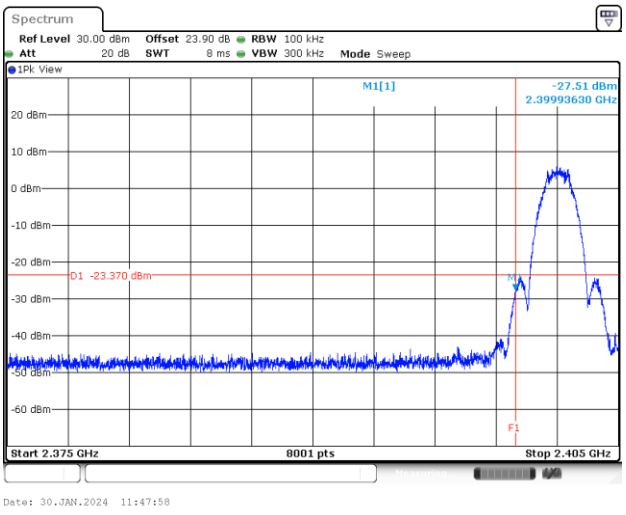
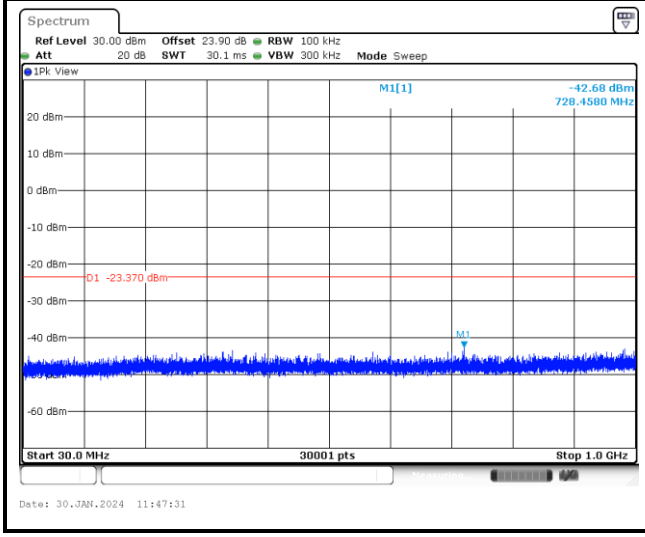
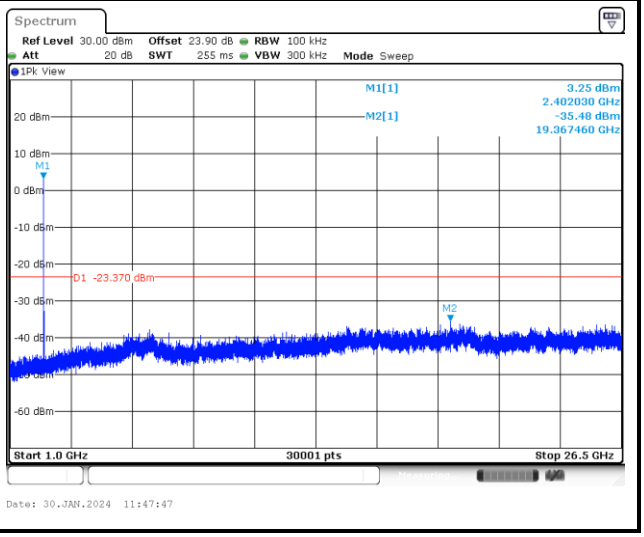
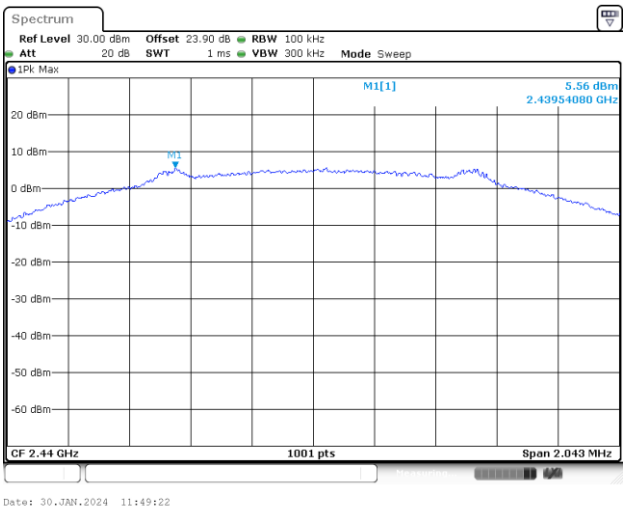
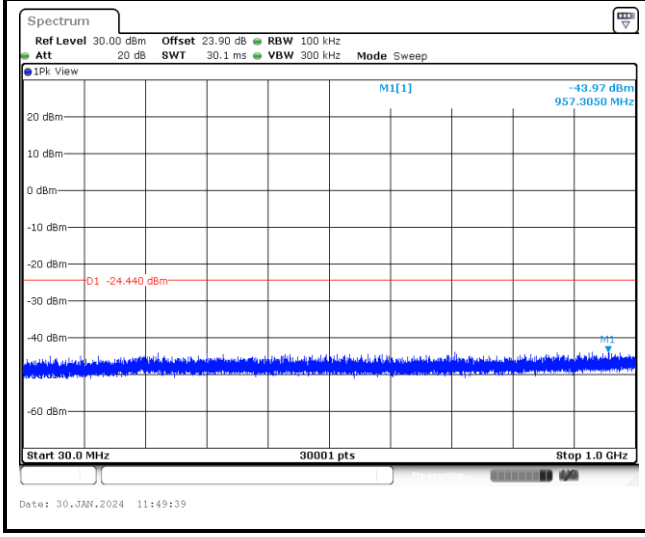
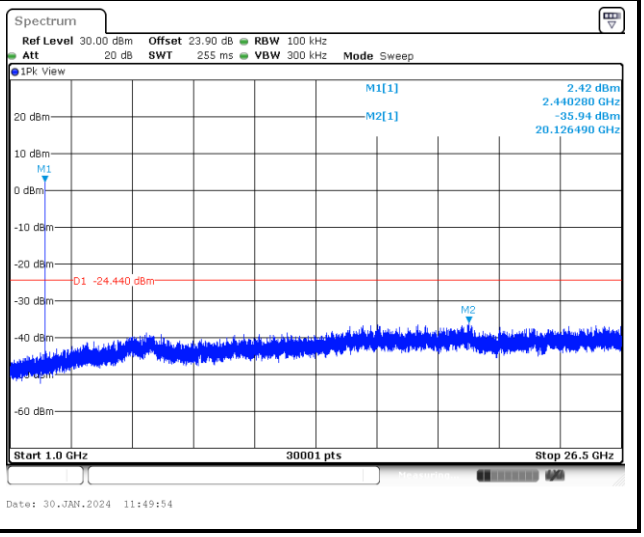
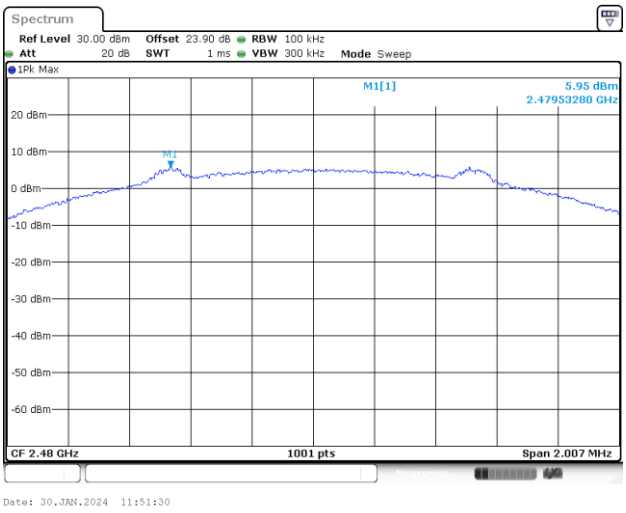
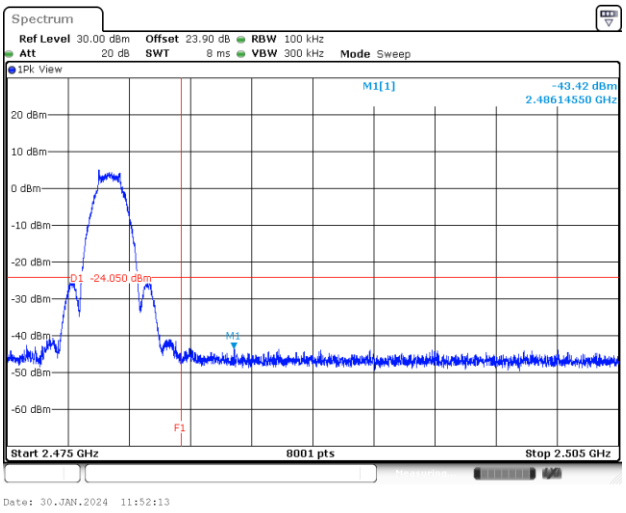
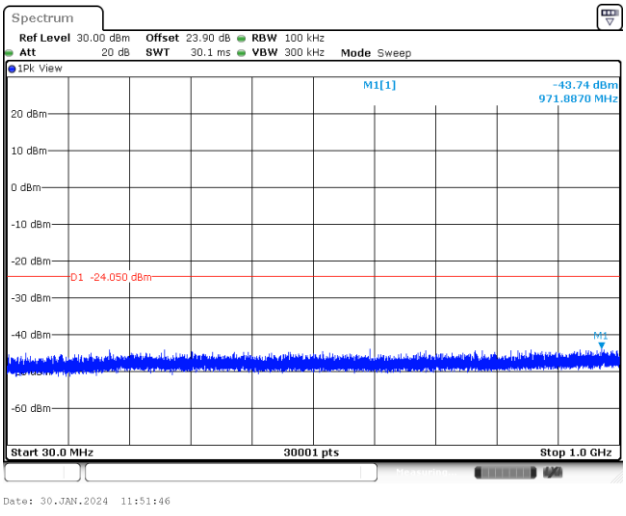
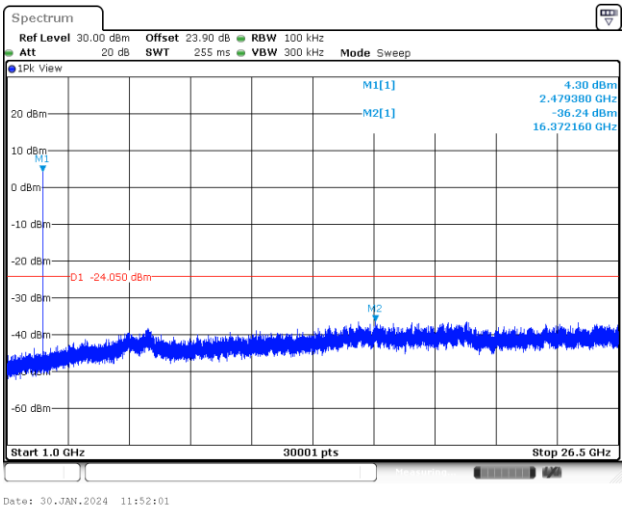
Channel 00	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Channel 19	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

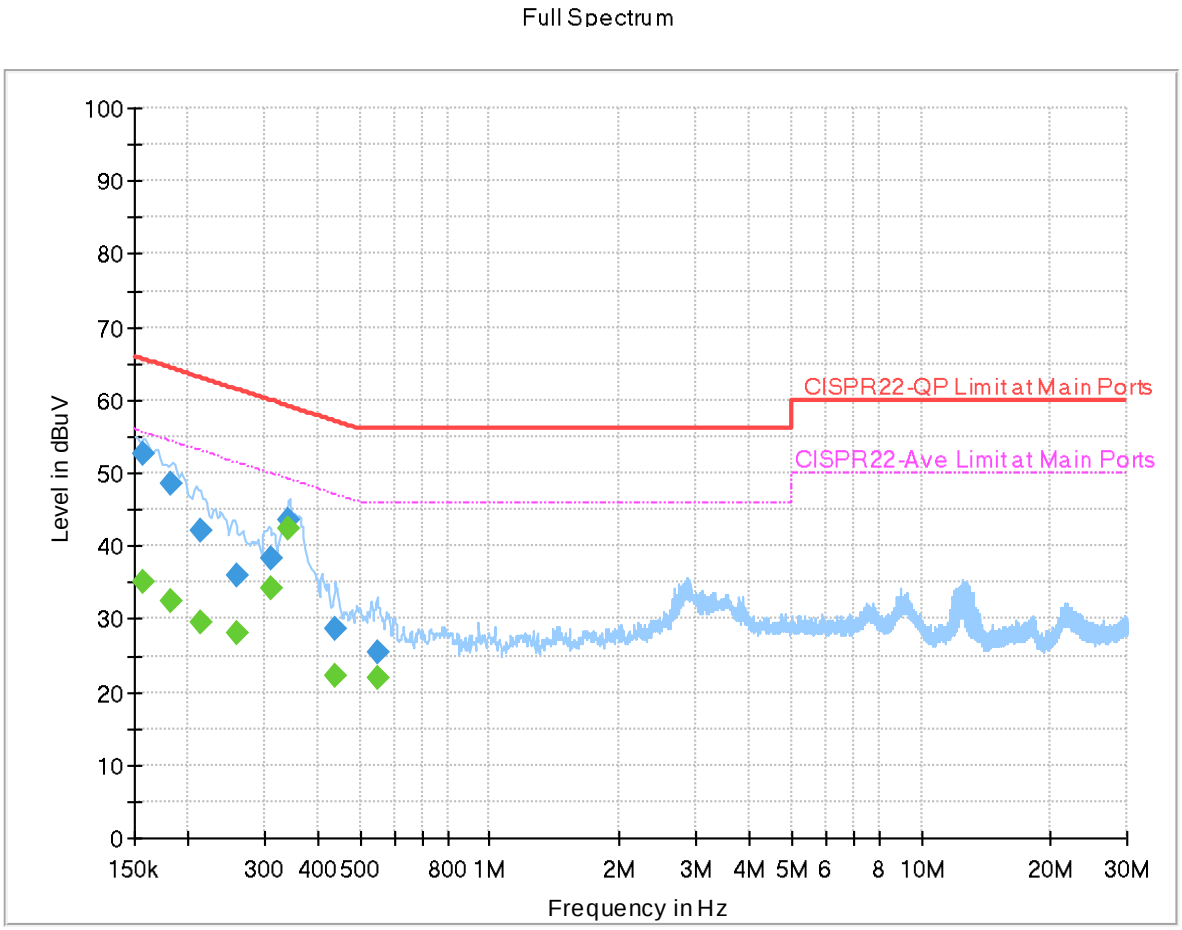
Channel 39	
100kHz PSD reference Level Plot	**Channel Plot**
	
Spurious Emission 30MHz~1GHz Plot	**Spurious Emission 1GHz~26.5GHz Plot**
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	**Temperature :**	22.2~23℃
		Relative Humidity :	47.9~53.2%

EUT Information

Report NO :	3D0610
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Line

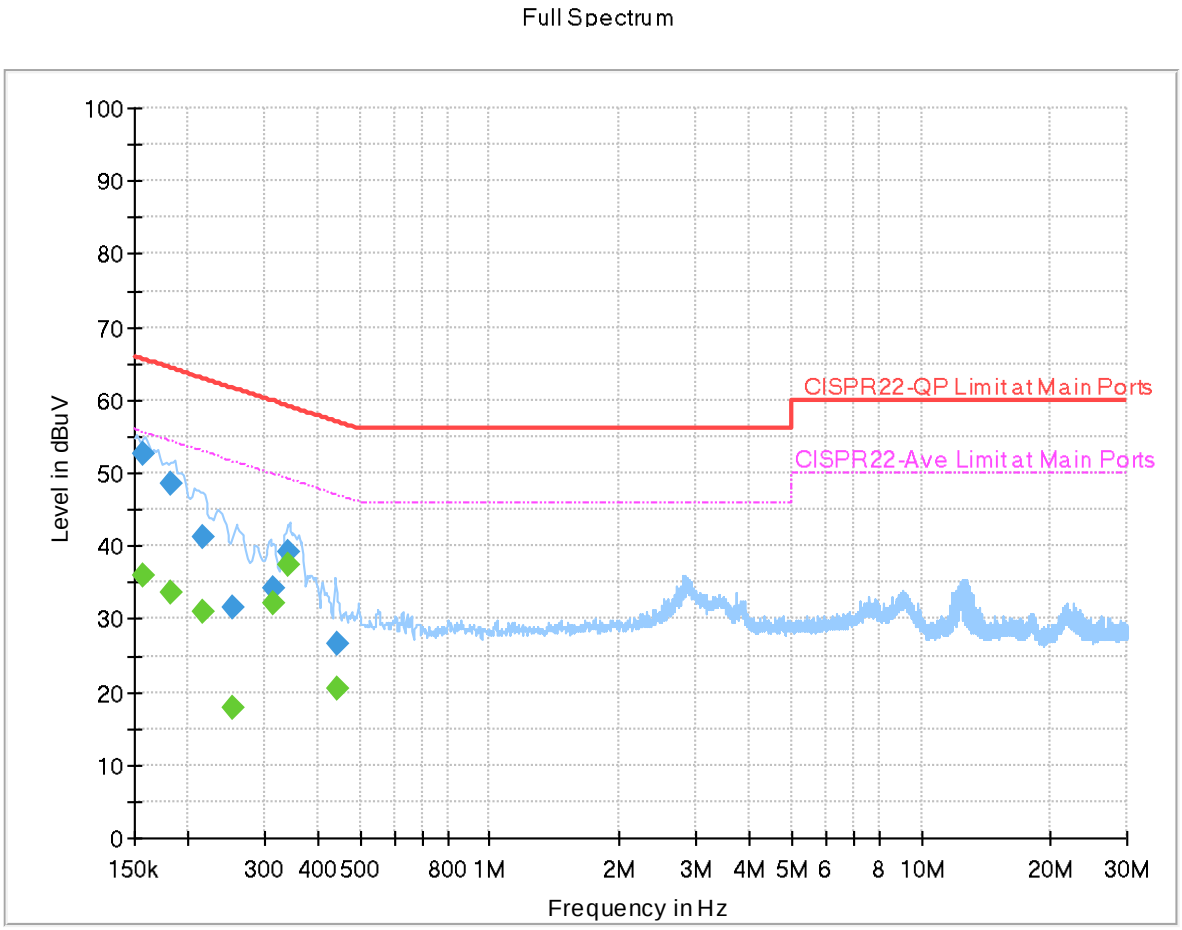


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.157110	52.58	---	65.62	13.04	L1	OFF	19.9
0.157110	---	35.08	55.62	20.54	L1	OFF	19.9
0.183030	48.47	---	64.35	15.88	L1	OFF	19.9
0.183030	---	32.57	54.35	21.78	L1	OFF	19.9
0.213000	42.06	---	63.09	21.03	L1	OFF	19.9
0.213000	---	29.48	53.09	23.61	L1	OFF	19.9
0.260250	35.88	---	61.42	25.54	L1	OFF	19.9
0.260250	---	27.94	51.42	23.48	L1	OFF	19.9
0.312000	38.20	---	59.92	21.72	L1	OFF	19.9
0.312000	---	34.14	49.92	15.78	L1	OFF	19.9
0.339000	43.48	---	59.23	15.75	L1	OFF	19.9
0.339000	---	42.26	49.23	6.97	L1	OFF	19.9
0.439260	28.75	---	57.08	28.33	L1	OFF	19.9
0.439260	---	22.08	47.08	25.00	L1	OFF	19.9
0.552750	25.40	---	56.00	30.60	L1	OFF	19.9
0.552750	---	21.98	46.00	24.02	L1	OFF	19.9

EUT Information

Report NO :	3D0610
Test Mode :	Mode 2
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.157470	---	35.95	55.60	19.65	N	OFF	19.9
0.157470	52.65	---	65.60	12.95	N	OFF	19.9
0.182670	---	33.73	54.36	20.63	N	OFF	19.9
0.182670	48.47	---	64.36	15.89	N	OFF	19.9
0.215430	---	30.90	52.99	22.09	N	OFF	19.9
0.215430	41.25	---	62.99	21.74	N	OFF	19.9
0.253500	---	17.76	51.64	33.88	N	OFF	19.9
0.253500	31.60	---	61.64	30.04	N	OFF	19.9
0.314250	---	32.18	49.86	17.68	N	OFF	19.9
0.314250	34.16	---	59.86	25.70	N	OFF	19.9
0.339720	---	37.42	49.21	11.79	N	OFF	19.9
0.339720	39.05	---	59.21	20.16	N	OFF	19.9
0.442500	---	20.38	47.02	26.64	N	OFF	19.9
0.442500	26.55	---	57.02	30.47	N	OFF	19.9

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Leo Li and Karl Hou	**Temperature :**	21.2~23.3°C
		Relative Humidity :	55~60%

C1. Radiated Spurious Emission Test Modes

<SKU 1>

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	1Mbps	-	-
Mode 2	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	1Mbps	-	-
Mode 3	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	1Mbps	-	-
Mode 4	2400-2483.5	SISO	SHF	-	-	1Mbps	-	-
Mode 5	2400-2483.5	SISO	LF	-	-	1Mbps	-	-
Mode 6	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	2Mbps	-	-
Mode 7	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	2Mbps	-	-
Mode 8	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	2Mbps	-	-
Mode 9	2400-2483.5	SISO	SHF	-	-	2Mbps	-	-
Mode 10	2400-2483.5	SISO	LF	-	-	2Mbps	-	-
Mode 11	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	125kbps	-	-
Mode 12	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	125kbps	-	-
Mode 13	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	125kbps	-	-
Mode 14	2400-2483.5	SISO	SHF	-	-	125kbps	-	-
Mode 15	2400-2483.5	SISO	LF	-	-	125kbps	-	-
Mode 16	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	500kbps	-	-
Mode 17	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	500kbps	-	-
Mode 18	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	500kbps	-	-
Mode 19	2400-2483.5	SISO	SHF	-	-	500kbps	-	-
Mode 20	2400-2483.5	SISO	LF	-	-	500kbps	-	-

<SKU 2>

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 21	2400-2483.5	SISO	Bluetooth-LE_GSFK	0	2402	500kbps	-	-
Mode 22	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	500kbps	-	-
Mode 23	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	500kbps	-	-
Mode 24	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	1Mbps	-	-
Mode 25	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	1Mbps	-	-
Mode 26	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	1Mbps	-	-
Mode 27	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	2Mbps	-	-
Mode 28	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	2Mbps	-	-
Mode 29	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	2Mbps	-	-
Mode 30	2400-2483.5	SISO	Bluetooth-LE_GSFK	00	2402	125kbps	-	-
Mode 31	2400-2483.5	SISO	Bluetooth-LE_GSFK	19	2440	125kbps	-	-
Mode 32	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	125kbps	-	-
Mode 33	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	500kbps	-	SHF
Mode 34	2400-2483.5	SISO	Bluetooth-LE_GSFK	39	2480	500kbps	-	LF

C2. Summary of each worse mode

<SKU 1>

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	Bluetooth-LE_GSFK (1Mbps)	00	2389.86	40.29	54.00	-13.71	V	Avg.	Pass	-	Band Edge
1	Bluetooth-LE_GSFK (1Mbps)	00	4804.00	45.36	54.00	-8.64	V	Avg.	Pass	-	Harmonic
2	Bluetooth-LE_GSFK (1Mbps)	19	2493.27	40.16	54.00	-13.84	H	Avg.	Pass	-	Band Edge
2	Bluetooth-LE_GSFK (1Mbps)	19	7320.00	49.33	54.00	-4.67	H	Avg.	Pass	-	Harmonic
3	Bluetooth-LE_GSFK (1Mbps)	39	2483.52	42.58	54.00	-11.42	H	Avg.	Pass	-	Band Edge
3	Bluetooth-LE_GSFK (1Mbps)	39	7440.00	48.61	54.00	-5.39	H	Avg.	Pass	-	Harmonic
4	Bluetooth-LE_GSFK (1Mbps)	-	23203.00	40.13	74.00	-33.87	V	Peak	Pass	-	SHF
5	Bluetooth-LE_GSFK (1Mbps)	-	798.24	39.95	46.00	-6.05	H	Peak	Pass	-	LF
6	Bluetooth-LE_GSFK (2Mbps)	00	2342.66	40.51	54.00	-13.49	V	Avg.	Pass	-	Band Edge
6	Bluetooth-LE_GSFK (2Mbps)	00	4804.00	42.33	54.00	-11.67	V	Avg.	Pass	-	Harmonic
7	Bluetooth-LE_GSFK (2Mbps)	19	2499.88	40.21	54.00	-13.79	V	Avg.	Pass	-	Band Edge
7	Bluetooth-LE_GSFK (2Mbps)	19	7320.00	48.50	54.00	-5.50	H	Avg.	Pass	-	Harmonic

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
8	Bluetooth-LE_GSFK (2Mbps)	39	2483.52	46.12	54.00	-7.88	H	Avg.	Pass	-	Band Edge
8	Bluetooth-LE_GSFK (2Mbps)	39	7440.00	48.83	54.00	-5.17	H	Avg.	Pass	-	Harmonic
9	Bluetooth-LE_GSFK (2Mbps)	-	25260.00	40.45	74.00	-33.55	H	Peak	Pass	-	SHF
10	Bluetooth-LE_GSFK (2Mbps)	-	32.91	33.61	40.00	-6.39	V	Peak	Pass	-	LF
11	Bluetooth-LE_GSFK (125kbps)	00	2389.95	40.37	54.00	-13.63	V	Avg.	Pass	-	Band Edge
11	Bluetooth-LE_GSFK (125kbps)	00	4804.00	44.53	54.00	-9.47	V	Avg.	Pass	-	Harmonic
12	Bluetooth-LE_GSFK (125kbps)	19	2500.00	40.16	54.00	-13.84	V	Avg.	Pass	-	Band Edge
12	Bluetooth-LE_GSFK (125kbps)	19	7320.00	50.73	54.00	-3.27	H	Avg.	Pass	-	Harmonic
13	Bluetooth-LE_GSFK (125kbps)	39	2483.52	42.64	54.00	-11.36	H	Avg.	Pass	-	Band Edge
13	Bluetooth-LE_GSFK (125kbps)	39	7440.00	50.52	54.00	-3.48	H	Avg.	Pass	-	Harmonic
14	Bluetooth-LE_GSFK (125kbps)	-	23203.00	39.84	74.00	-34.16	V	Peak	Pass	-	SHF
15	Bluetooth-LE_GSFK (125kbps)	-	798.24	39.86	46.00	-6.14	H	Peak	Pass	-	LF

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
16	Bluetooth-LE_GSFK (500kbps)	00	2386.08	40.30	54.00	-13.70	V	Avg.	Pass	-	Band Edge
16	Bluetooth-LE_GSFK (500kbps)	00	4804.00	44.68	54.00	-9.32	V	Avg.	Pass	-	Harmonic
17	Bluetooth-LE_GSFK (500kbps)	19	2491.21	40.18	54.00	-13.82	H	Avg.	Pass	-	Band Edge
17	Bluetooth-LE_GSFK (500kbps)	19	7320.00	51.22	54.00	-2.78	H	Avg.	Pass	-	Harmonic
18	Bluetooth-LE_GSFK (500kbps)	39	2483.52	42.17	54.00	-11.83	H	Avg.	Pass	-	Band Edge
18	Bluetooth-LE_GSFK (500kbps)	39	7440.00	51.32	54.00	-2.68	H	Avg.	Pass	-	Harmonic
19	Bluetooth-LE_GSFK (500kbps)	-	25260.00	39.91	74.00	-34.09	H	Peak	Pass	-	SHF
20	Bluetooth-LE_GSFK (500kbps)	-	798.24	39.83	46.00	-6.17	H	Peak	Pass	-	LF

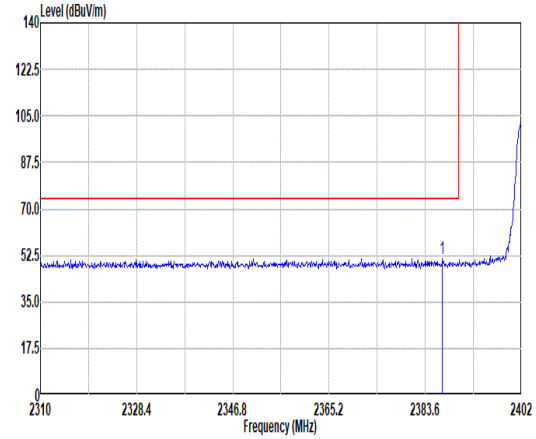
<SKU 2>

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
21	Bluetooth-LE_GSFK (500kbps)	0	4804.00	46.24	74.00	-27.76	H	Peak	Pass	-	Harmonic
22	Bluetooth-LE_GSFK (500kbps)	19	7320.00	49.92	54.00	-4.08	H	Avg.	Pass	-	Harmonic
23	Bluetooth-LE_GSFK (500kbps)	39	7440.00	51.31	54.00	-2.69	H	Avg.	Pass	-	Harmonic
24	Bluetooth-LE_GSFK (1Mbps)	00	4804.00	39.05	54.00	-14.95	V	Avg.	Pass	-	Harmonic
25	Bluetooth-LE_GSFK (1Mbps)	19	7320.00	49.89	54.00	-4.11	H	Avg.	Pass	-	Harmonic
26	Bluetooth-LE_GSFK (1Mbps)	39	7440.00	50.88	54.00	-3.12	H	Avg.	Pass	-	Harmonic
27	Bluetooth-LE_GSFK (2Mbps)	00	4804.00	38.82	54.00	-15.18	V	Avg.	Pass	-	Harmonic
28	Bluetooth-LE_GSFK (2Mbps)	19	7320.00	49.06	54.00	-4.94	H	Avg.	Pass	-	Harmonic
29	Bluetooth-LE_GSFK (2Mbps)	39	7440.00	49.77	54.00	-4.23	H	Avg.	Pass	-	Harmonic
30	Bluetooth-LE_GSFK (125kbps)	00	4804.00	39.01	54.00	-14.99	V	Avg.	Pass	-	Harmonic
31	Bluetooth-LE_GSFK (125kbps)	19	7320.00	49.90	54.00	-4.10	H	Avg.	Pass	-	Harmonic
32	Bluetooth-LE_GSFK (125kbps)	39	7440.00	50.65	54.00	-3.35	H	Avg.	Pass	-	Harmonic
33	Bluetooth-LE_GSFK (500kbps)	-	26447.89	40.28	74.00	-33.72	H	Peak	Pass	-	SHF
34	Bluetooth-LE_GSFK (500kbps)	-	796.30	39.90	46.00	-6.10	H	Peak	Pass	-	LF

<SKU 1>

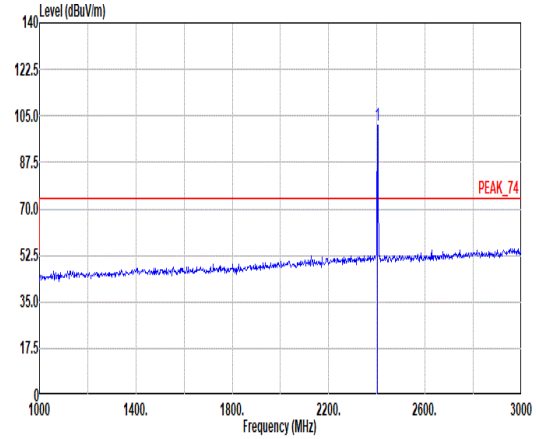
Mode	1	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

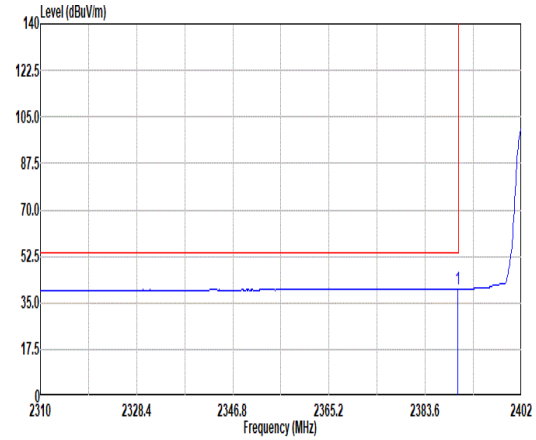
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2386.91	51.28	74.00	-22.72	38.23	27.00	7.34	31.73	10.44	100	105	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

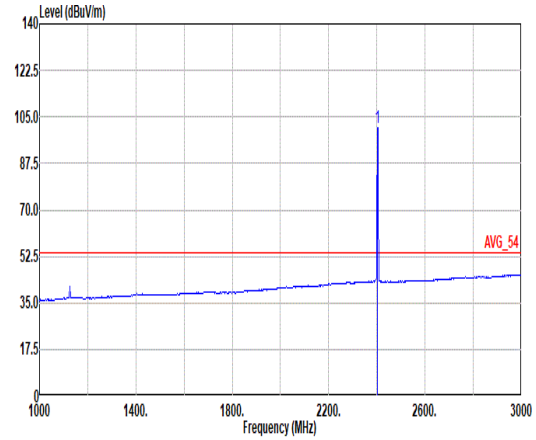
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2402.00	101.56	------	------	88.43	27.06	7.37	31.74	10.44	100	105	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2389.86	40.29	54.00	-13.71	27.24	27.00	7.34	31.73	10.44	100	105	AVERAGE

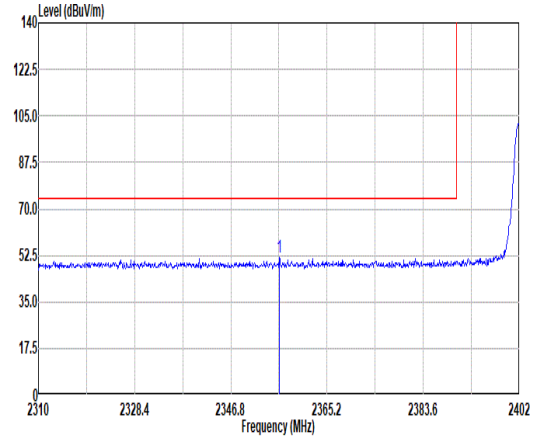


Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	101.08	------	------	87.94	27.08	7.36	31.74	10.44	100	105	AVERAGE

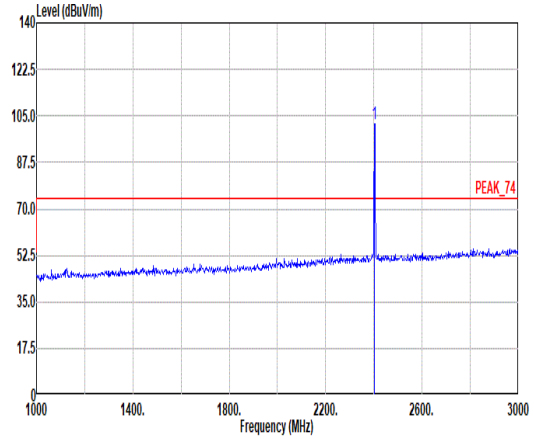
Mode	1	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Vertical	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

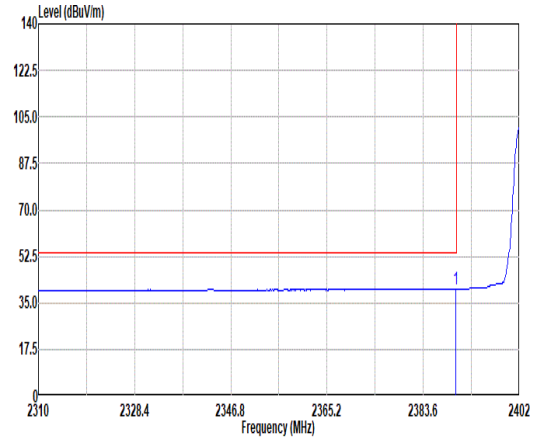
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2356.09	51.84	74.00	-22.16	38.74	27.10	7.28	31.71	10.43	392	28	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

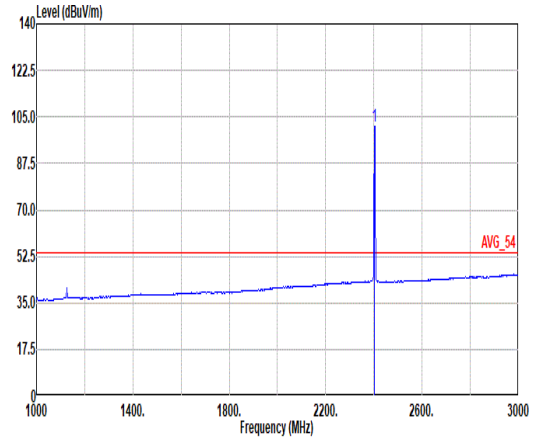
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2402.00	101.94	------	------	88.81	27.06	7.37	31.74	10.44	392	28	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

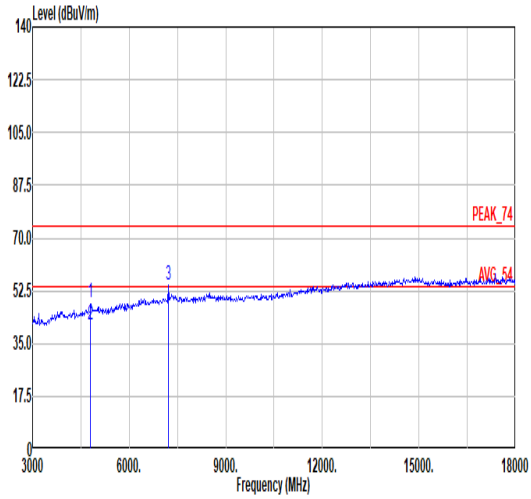
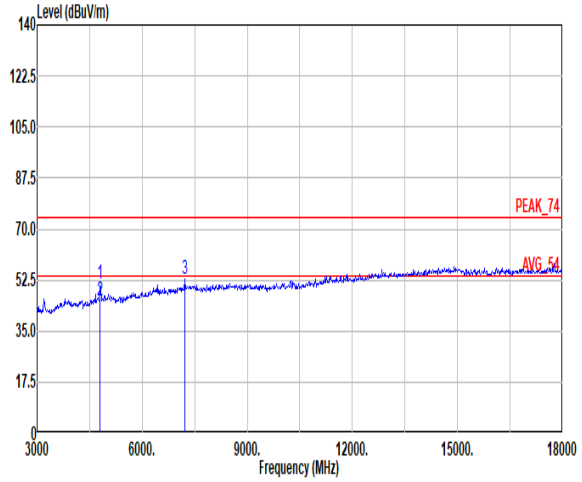
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2389.86	40.29	54.00	-13.71	27.24	27.00	7.34	31.73	10.44	392	28	AVERAGE



Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	101.57	------	------	88.44	27.06	7.37	31.74	10.44	392	28	AVERAGE

Mode	1
	Harmonic
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH00_2402MHz
ANT	SISO

Pol.	Horizontal	Vertical
Peak Avg		

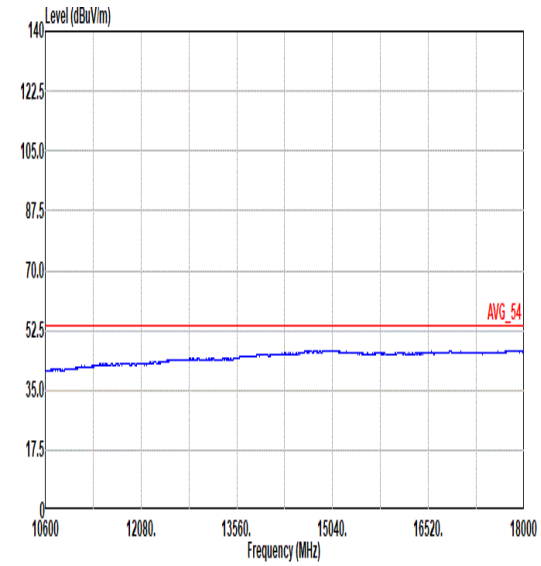
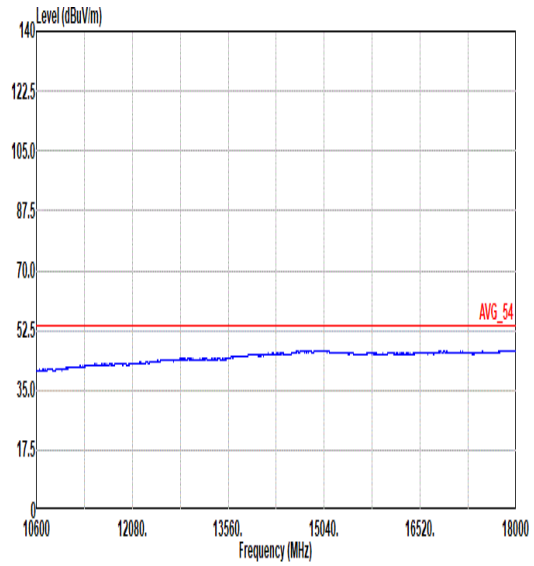
Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL

	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	4804.00	48.35	74.00	-25.65	36.63	32.32	10.56	32.98	1.82	400	212	Peak
2	4804.00	41.16	54.00	-12.84	29.44	32.32	10.56	32.98	1.82	400	212	Average
3	7206.00	54.45	74.00	-19.55	38.55	36.94	12.36	35.45	2.05	--	--	Peak

Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL

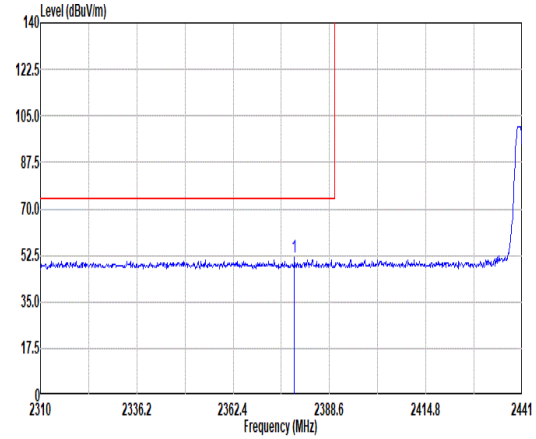
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4804.00	51.16	74.00	-22.84	39.44	32.32	10.56	32.98	1.82	100	240	Peak
2	4804.00	45.36	54.00	-8.64	33.64	32.32	10.56	32.98	1.82	100	240	Average
3	7206.00	52.90	74.00	-21.10	37.00	36.94	12.36	35.45	2.05	--	--	Peak

Remark: #3 is not included in the restricted band.

Mode	1	
	Harmonic	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	 Site : Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL	 Site : Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL

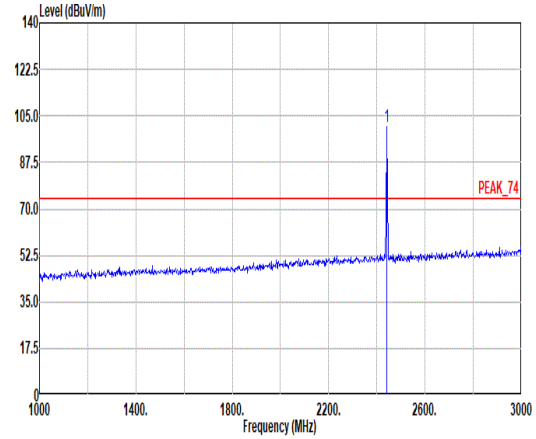
Mode	2	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

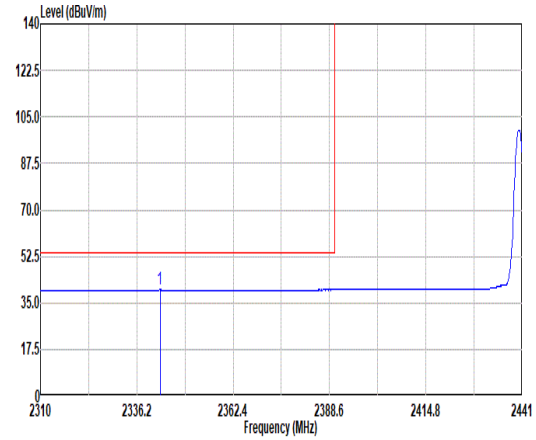
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2379.04	51.53	74.00	-22.47	38.50	27.01	7.32	31.73	10.43	100	122	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

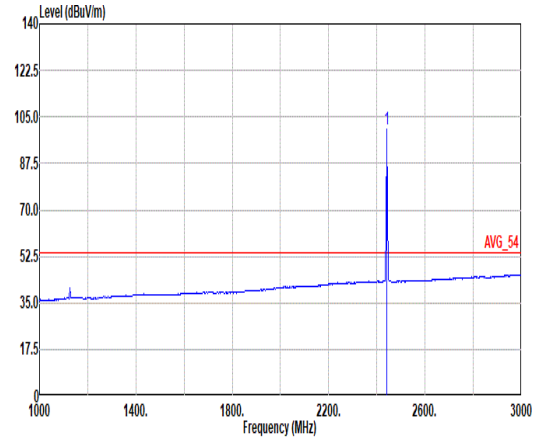
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2440.00	101.13	------	------	88.11	26.90	7.42	31.76	10.46	100	122	PEAK

Avg



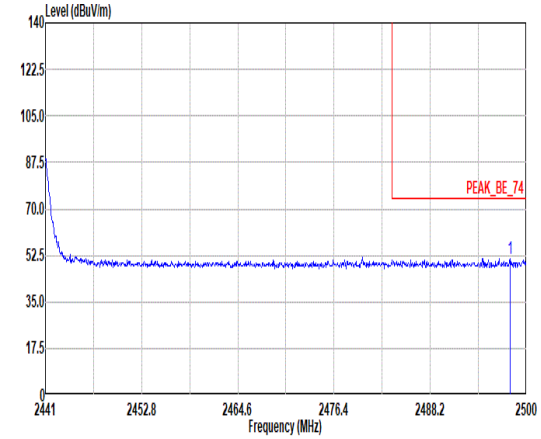
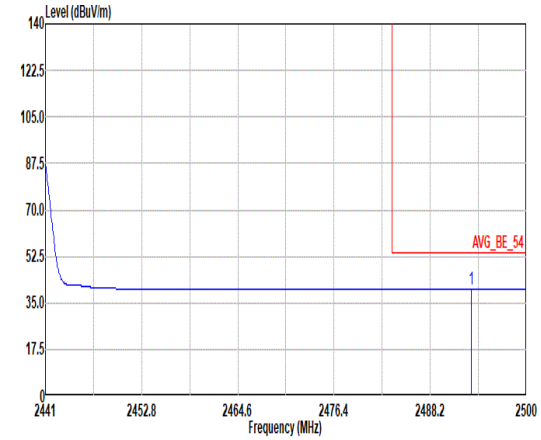
Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2342.49	39.93	54.00	-14.07	26.85	27.10	7.25	31.70	10.43	100	122	AVERAGE



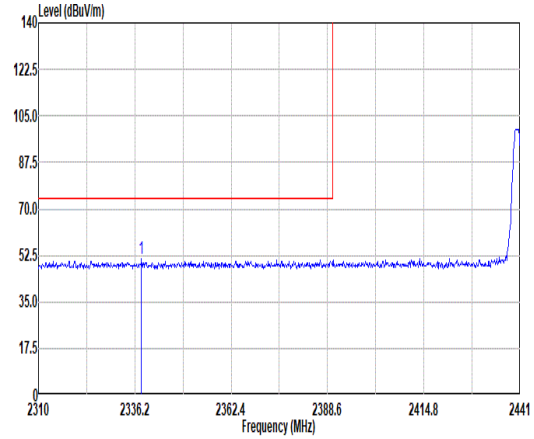
Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2440.00	100.63	------	------	87.62	26.90	7.41	31.76	10.46	100	122	AVERAGE

Mode	2	
	Band Edge - R	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2497.99 51.43 74.00 -22.57 38.36 26.90 7.49 31.80 10.48 100 122 PEAK	Blank
Avg	 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2493.27 40.16 54.00 -13.84 27.09 26.90 7.49 31.80 10.48 100 122 AVERAGE	Blank

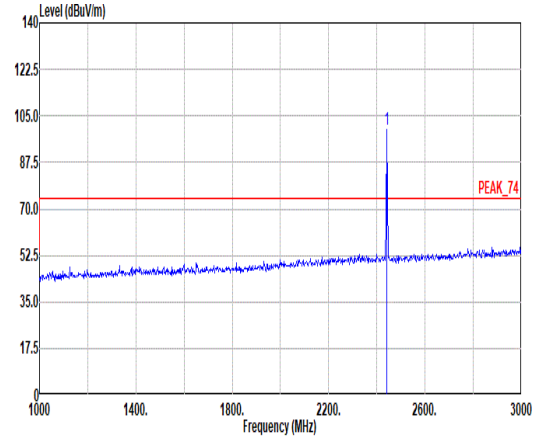
Mode	2	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Vertical	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

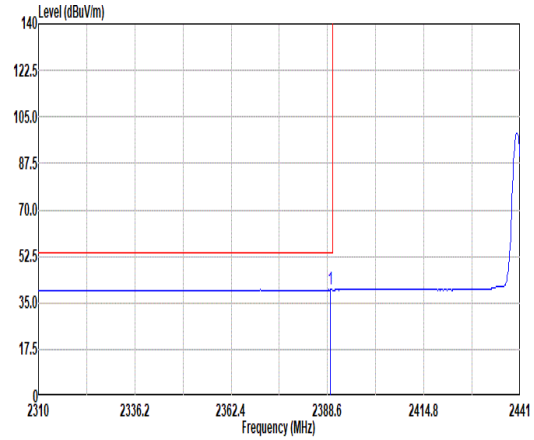
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2338.03	51.26	74.00	-22.74	38.17	27.12	7.25	31.70	10.42	377	32	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

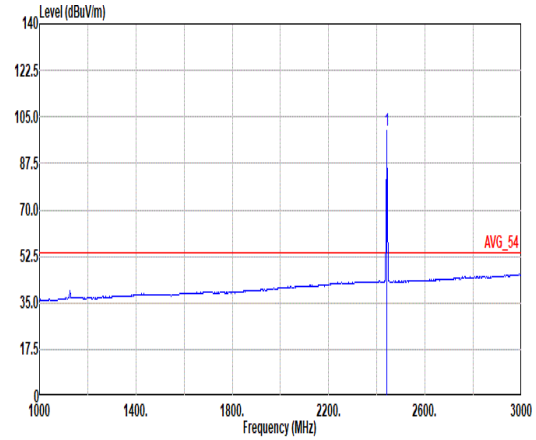
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2440.00	99.97	------	------	86.95	26.90	7.42	31.76	10.46	377	32	PEAK

Avg



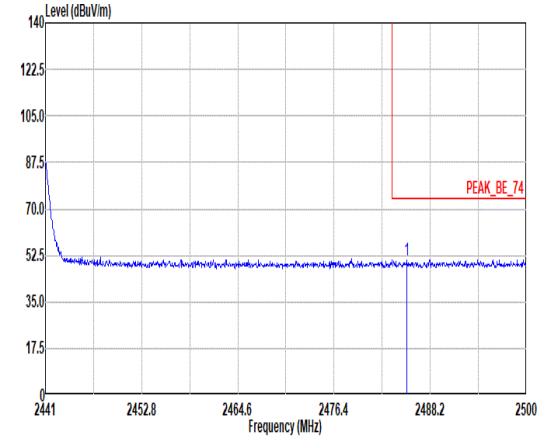
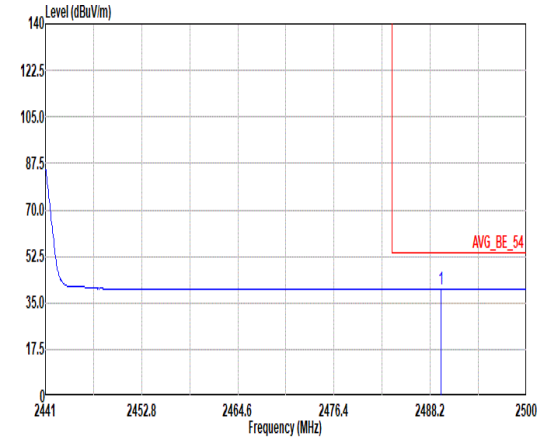
Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2389.39	39.92	54.00	-14.08	26.87	27.00	7.34	31.73	10.44	377	32	AVERAGE



Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

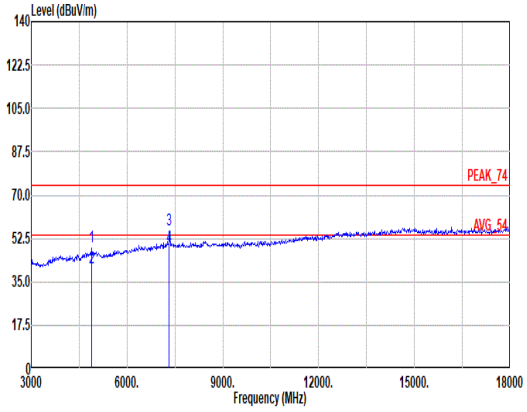
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2440.00	99.61	------	------	86.59	26.90	7.42	31.76	10.46	377	32	AVERAGE

Mode	2	
	Band Edge - R	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 2485.31 50.95 74.00 -23.05 37.93 26.85 7.48 31.79 10.48 377 32 PEAK	Blank
Avg	 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 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 2489.56 40.10 54.00 -13.90 27.03 26.90 7.48 31.79 10.48 377 32 AVERAGE	Blank

Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Vertical

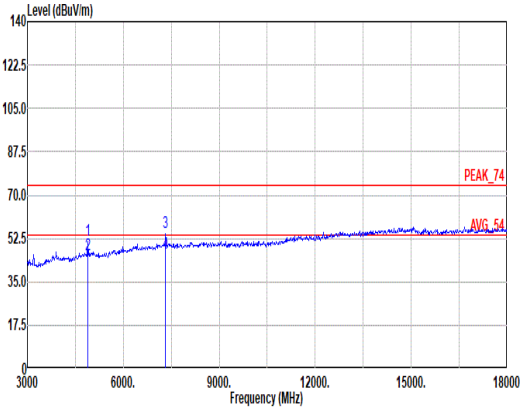
Peak

Avg



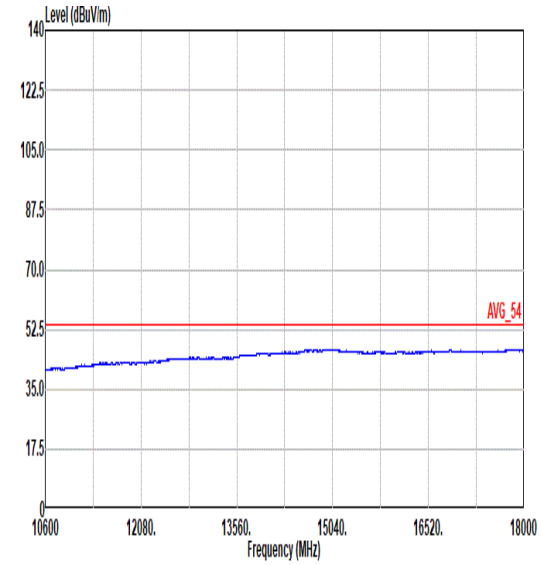
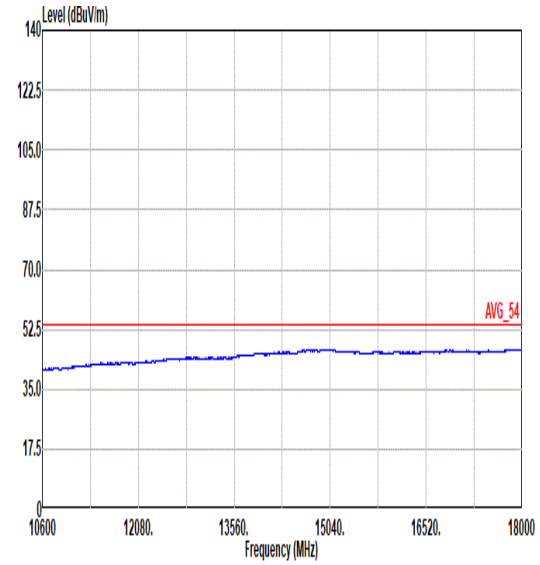
Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL

	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	4880.00	49.01	74.00	-24.99	37.06	32.62	10.52	32.98	1.79	400	241	Peak
2	4880.00	40.56	54.00	-13.44	28.61	32.62	10.52	32.98	1.79	400	241	Average
3	7320.00	55.87	74.00	-18.13	39.57	37.20	12.64	35.55	2.01	100	112	Peak
4	7320.00	49.33	54.00	-4.67	33.03	37.20	12.64	35.55	2.01	100	112	Average



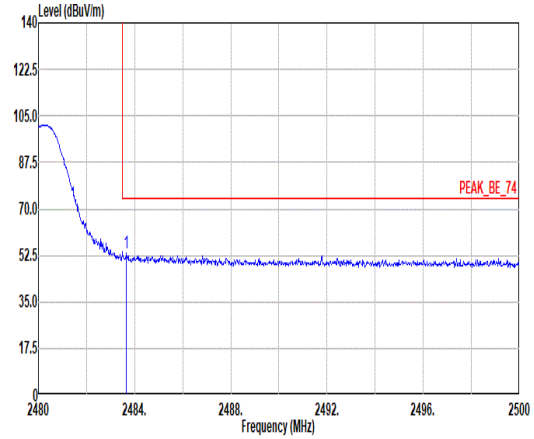
Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL

	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	4880.00	51.57	74.00	-22.43	39.62	32.62	10.52	32.98	1.79	100	240	Peak
2	4880.00	46.01	54.00	-7.99	34.06	32.62	10.52	32.98	1.79	100	240	Average
3	7320.00	54.84	74.00	-19.16	38.54	37.20	12.64	35.55	2.01	200	62	Peak
4	7320.00	46.72	54.00	-7.28	30.42	37.20	12.64	35.55	2.01	200	62	Average

Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

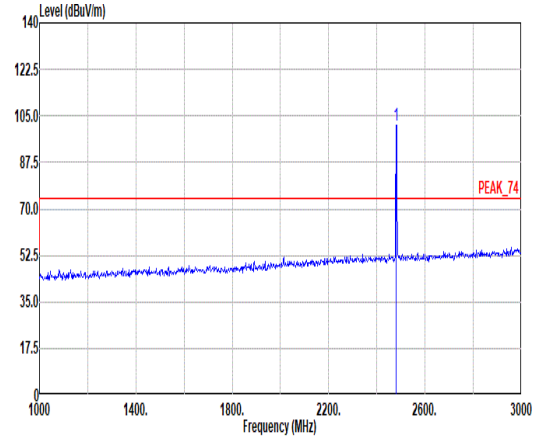
Mode	3	
	Band Edge	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH39_2480MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

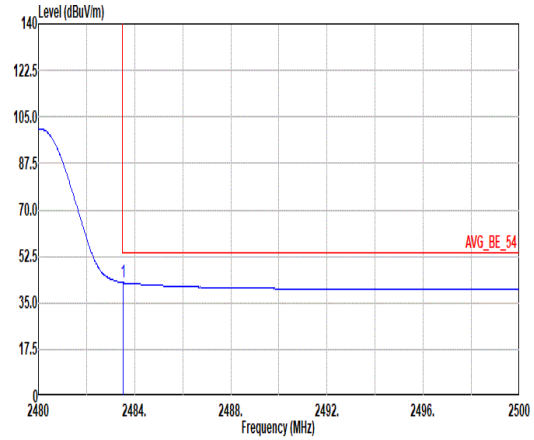
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.66	53.43	74.00	-20.57	40.43	26.84	7.47	31.79	10.48	104	112	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

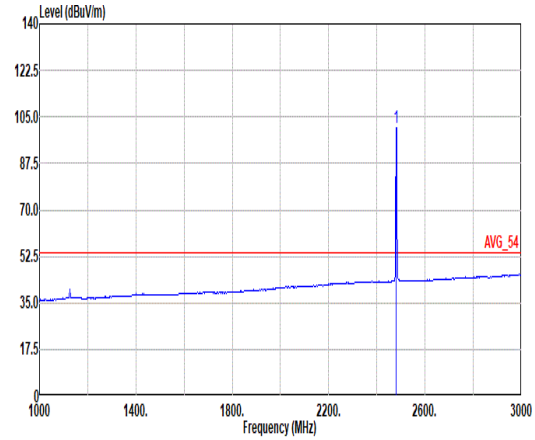
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2480.00	101.54	------	------	88.56	26.82	7.47	31.79	10.48	104	112	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2483.52	42.58	54.00	-11.42	29.58	26.84	7.47	31.79	10.48	104	112	AVERAGE

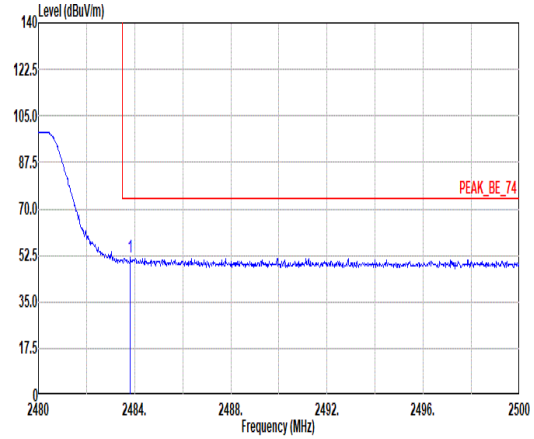


Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2480.00	101.09	------	------	88.11	26.82	7.47	31.79	10.48	104	112	AVERAGE

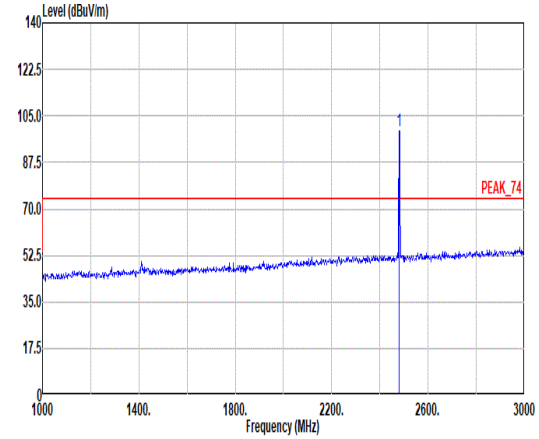
Mode	3	
	Band Edge	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH39_2480MHz	
ANT	SISO	
Pol.	Vertical	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

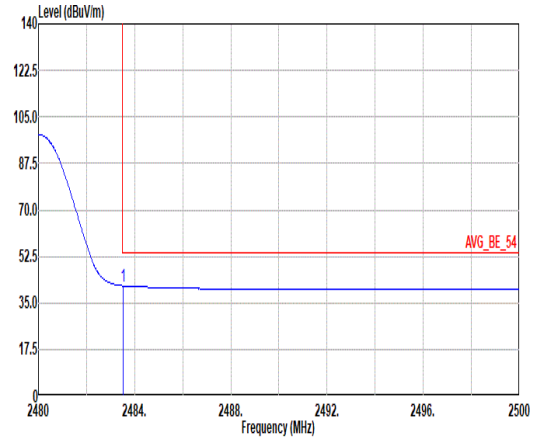
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2483.82	51.83	74.00	-22.17	38.83	26.84	7.47	31.79	10.48	400	21	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

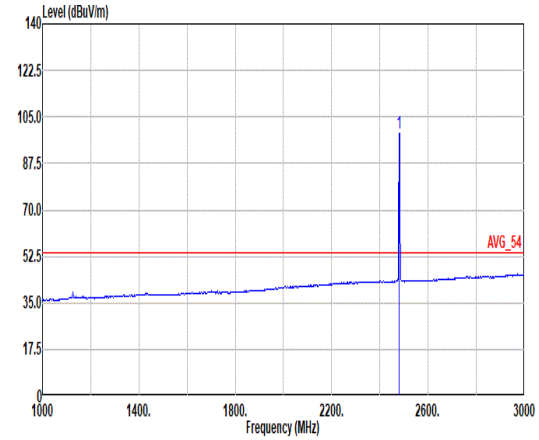
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2480.00	99.25	------	------	86.27	26.82	7.47	31.79	10.48	400	21	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2483.52	41.42	54.00	-12.58	28.42	26.84	7.47	31.79	10.48	400	21	AVERAGE



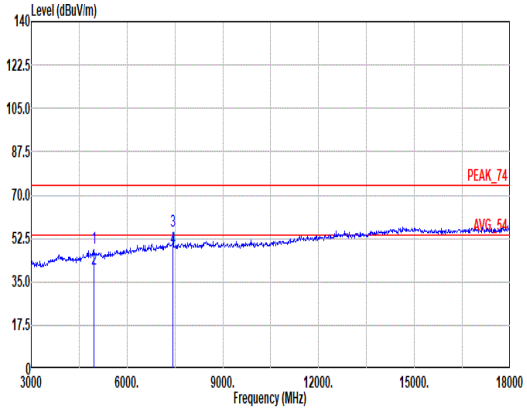
Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2480.00	98.80	------	------	85.82	26.82	7.47	31.79	10.48	400	21	AVERAGE

Mode	3	
	Harmonic	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH39_2480MHz	
ANT	SISO	
Pol.	Horizontal	Vertical

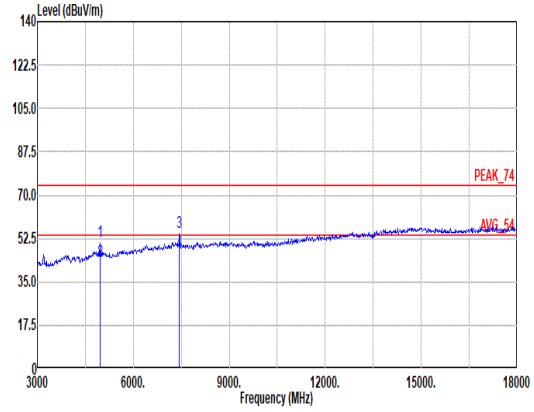
Peak

Avg



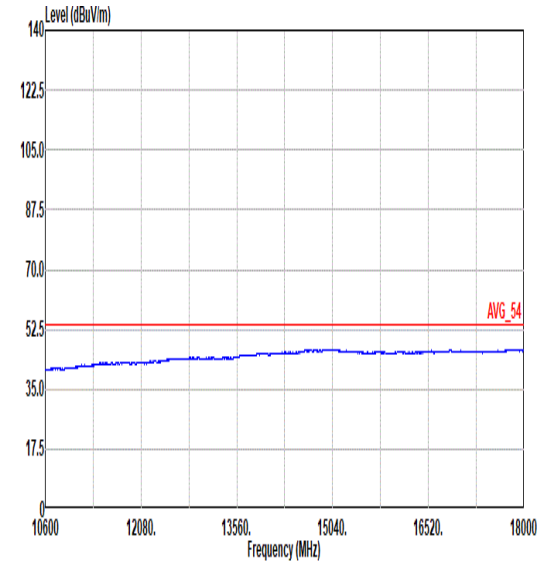
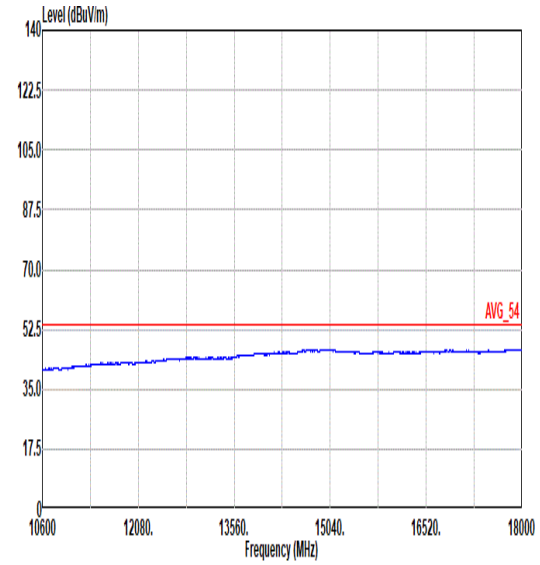
Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL

	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	4960.00	48.46	74.00	-25.54	36.42	32.78	10.48	32.98	1.76	200	158	Peak
2	4960.00	40.34	54.00	-13.66	28.30	32.78	10.48	32.98	1.76	200	158	Average
3	7440.00	55.30	74.00	-18.70	39.04	37.10	12.82	35.65	1.99	100	115	Peak
4	7440.00	48.61	54.00	-5.39	32.35	37.10	12.82	35.65	1.99	100	115	Average



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL

	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	4960.00	51.10	74.00	-22.90	39.06	32.78	10.48	32.98	1.76	100	241	Peak
2	4960.00	43.42	54.00	-10.58	31.38	32.78	10.48	32.98	1.76	100	241	Average
3	7440.00	54.87	74.00	-19.13	38.61	37.10	12.82	35.65	1.99	212	59	Peak
4	7440.00	47.14	54.00	-6.86	30.88	37.10	12.82	35.65	1.99	212	59	Average

Mode	3	
	Harmonic	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_CH39_2480MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

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<tr><td colspan="2">SHF</td></tr>
<tr><td colspan="2">2400-2483.5_Bluetooth-LE_1Mbps_GSFK_SHF</td></tr>
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<tr><td>Pol.</td><td>Horizontal</td><td>Vertical</td></tr>
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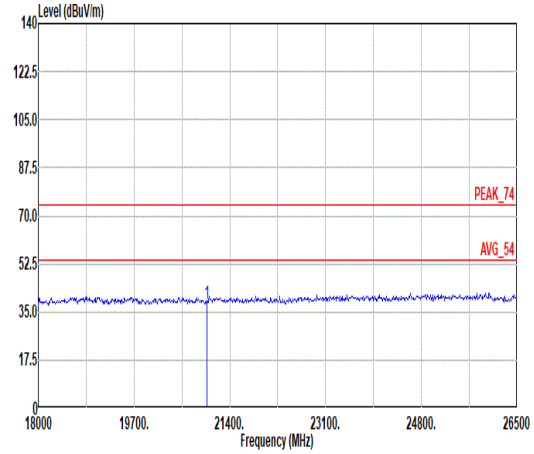

Site : 03CH23-HY
Condition: PEAK_74 1m BBHA9170_1225_230710 HORIZONTAL
<table>
<tr><th></th><th>Freq</th><th>Level</th><th>Limit Line</th><th>Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr>
<tr><td></td><td>MHz</td><td>dBuV/m</td><td>dBuV/m</td><td>dB</td><td>dBuV</td><td>dB/m</td><td>dB</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr>
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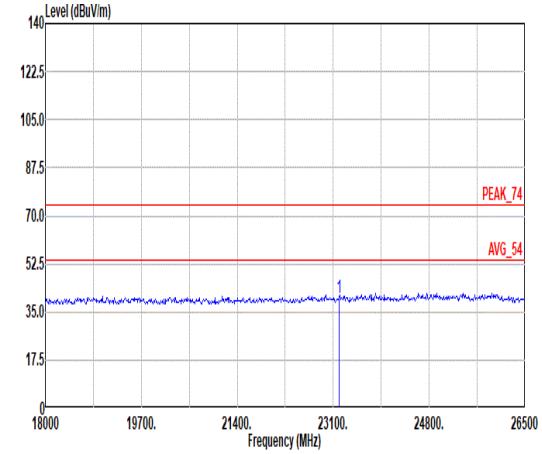

Site : 03CH23-HY
Condition: PEAK_74 1m BBHA9170_1225_230710 VERTICAL
<table>
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<tr><td>1</td><td>23203.00</td><td>40.13</td><td>74.00</td><td>-33.87</td><td>50.72</td><td>39.22</td><td>19.87</td><td>60.14</td><td>-9.54</td><td>--</td><td>--</td><td>Peak</td></tr>
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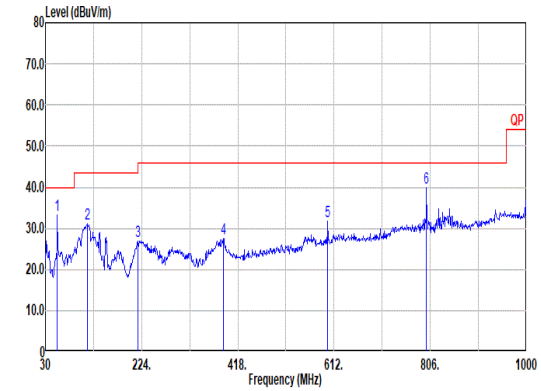
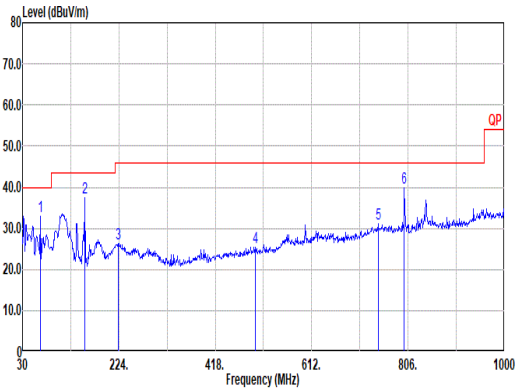
Mode	5	
	LF	
	2400-2483.5_Bluetooth-LE_1Mbps_GSFK_LF	
ANT	SISO	
Pol.	Horizontal	Vertical

QP/ Peak



Site : 03CH23-HY
Condition: QP 3m CBL6111D_62028 & 003_231015 HORIZONTAL

	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	54.25	33.22	40.00	-6.78	51.80	12.76	1.33	32.71	0.04	--	--	Peak
2	114.39	31.18	43.50	-12.32	45.06	17.06	1.70	32.70	0.06	--	--	Peak
3	217.21	26.81	46.00	-19.19	42.14	14.97	2.21	32.68	0.17	--	--	Peak
4	388.90	27.54	46.00	-18.46	35.93	21.33	2.93	32.73	0.08	--	--	Peak
5	599.39	31.59	46.00	-14.41	34.99	25.73	3.54	32.86	0.19	--	--	Peak
6	798.24	39.95	46.00	-6.05	40.20	28.10	4.02	32.54	0.17	--	--	Peak

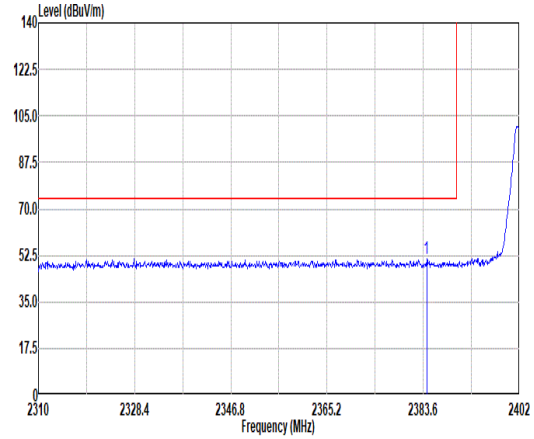


Site : 03CH23-HY
Condition: QP 3m CBL6111D_62028 & 003_231015 VERTICAL

	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	65.89	33.04	40.00	-6.96	52.04	12.23	1.42	32.71	0.06	--	--	Peak
2	156.10	37.29	43.50	-6.21	50.98	16.81	1.97	32.68	0.21	--	--	Peak
3	222.06	26.23	46.00	-19.77	41.13	15.38	2.23	32.68	0.17	--	--	Peak
4	498.51	25.40	46.00	-20.60	31.02	23.93	3.23	32.93	0.15	--	--	Peak
5	745.86	31.22	46.00	-14.78	31.65	28.24	3.89	32.70	0.14	--	--	Peak
6	798.24	39.87	46.00	-6.13	40.12	28.10	4.02	32.54	0.17	--	--	Peak

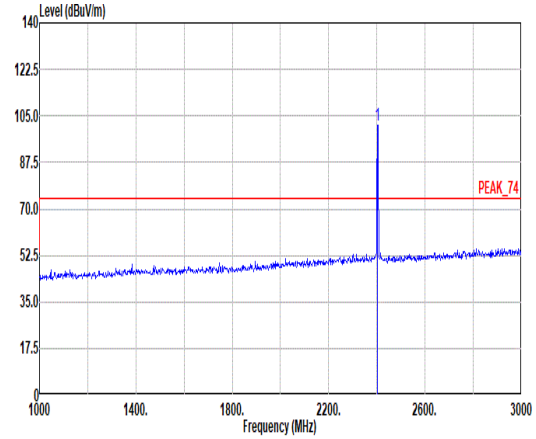
Mode	6	
	Band Edge	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

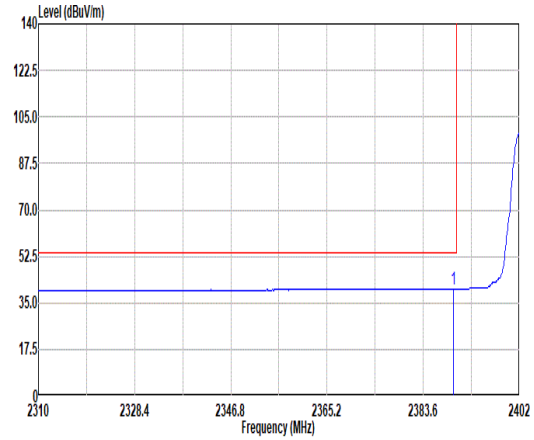
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2384.24	51.12	74.00	-22.88	38.08	27.00	7.33	31.73	10.44	100	108	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

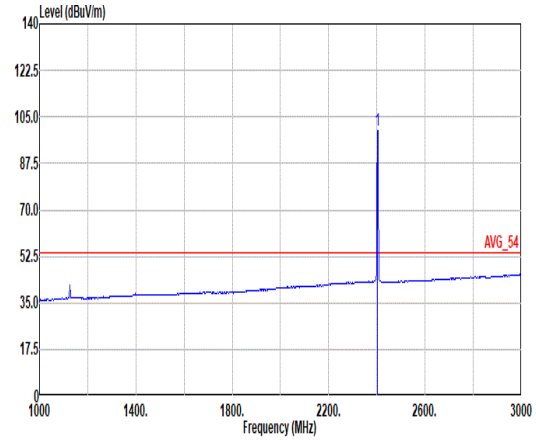
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2402.00	101.20	------	------	88.07	27.06	7.37	31.74	10.44	100	108	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2389.40	40.26	54.00	-13.74	27.21	27.00	7.34	31.73	10.44	100	108	AVERAGE

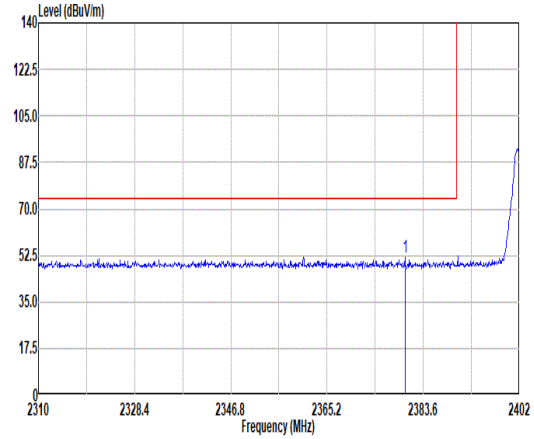


Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	99.84	------	------	86.71	27.06	7.37	31.74	10.44	100	108	AVERAGE

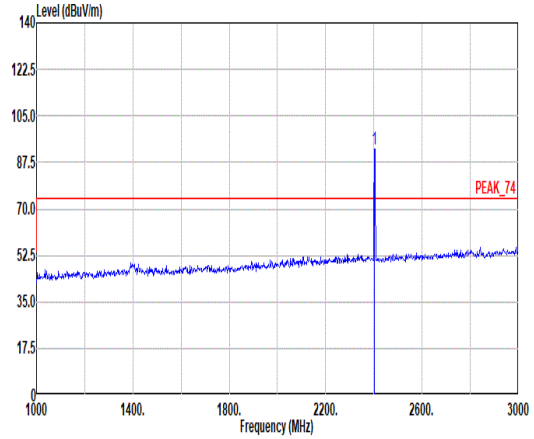
Mode	6	
	Band Edge	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Vertical	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

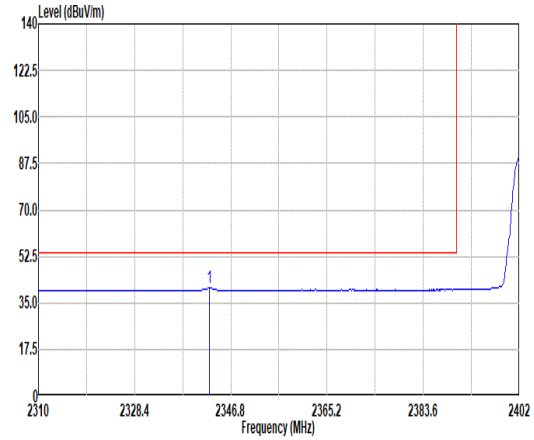
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2380.10	51.66	74.00	-22.34	38.63	27.00	7.32	31.73	10.44	100	163	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

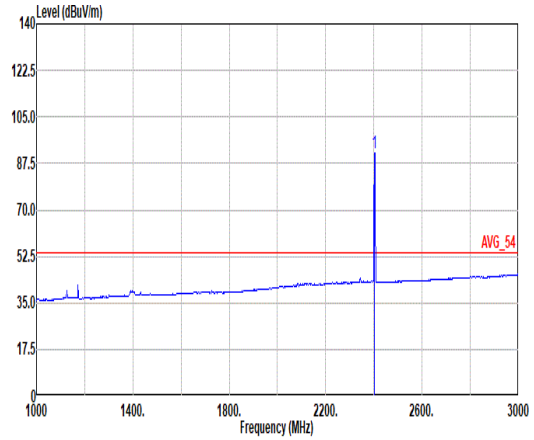
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2402.00	92.53	------	------	79.39	27.08	7.36	31.74	10.44	100	163	PEAK

Avg



Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

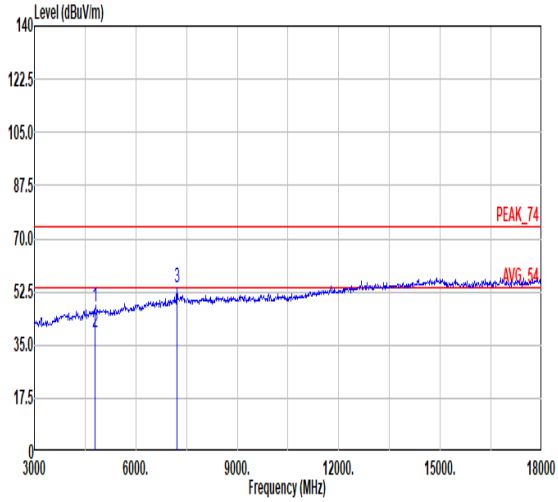
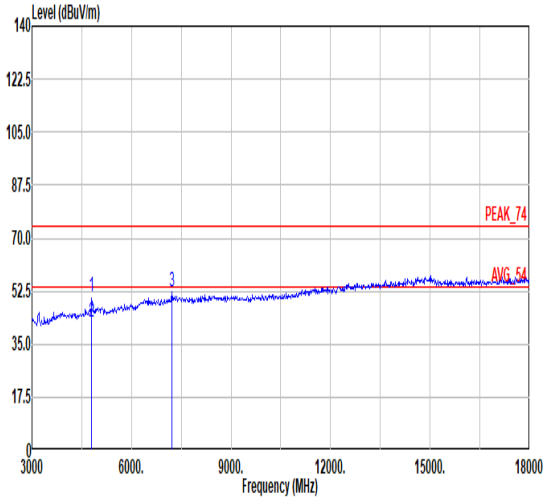
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2342.66	40.51	54.00	-13.49	27.43	27.10	7.25	31.70	10.43	100	163	AVERAGE



Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	91.28	------	------	78.14	27.08	7.36	31.74	10.44	100	163	AVERAGE

Mode	6
	Harmonic
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH00_2402MHz
ANT	SISO

Pol.	Horizontal	Vertical
Peak Avg		

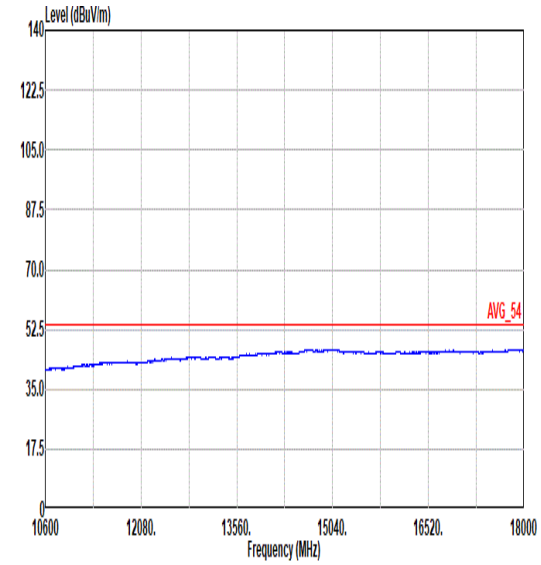
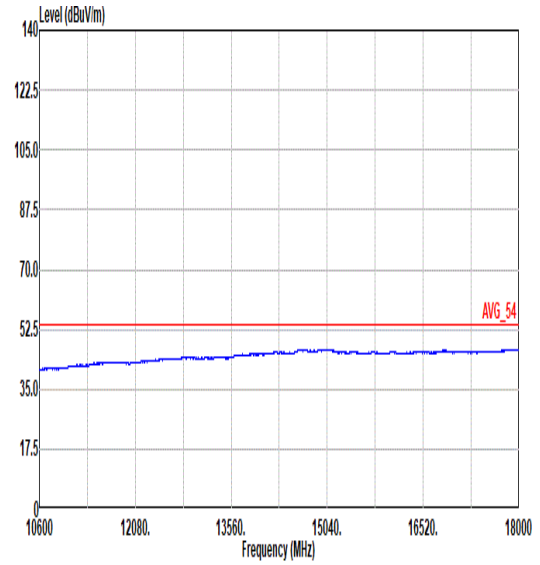
Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL

	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	4804.00	47.57	74.00	-26.43	35.85	32.32	10.56	32.98	1.82	100	180	Peak
2	4804.00	39.12	54.00	-14.88	27.40	32.32	10.56	32.98	1.82	100	180	Average
3	7206.00	53.63	74.00	-20.37	37.73	36.94	12.36	35.45	2.05	--	--	Peak

Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL

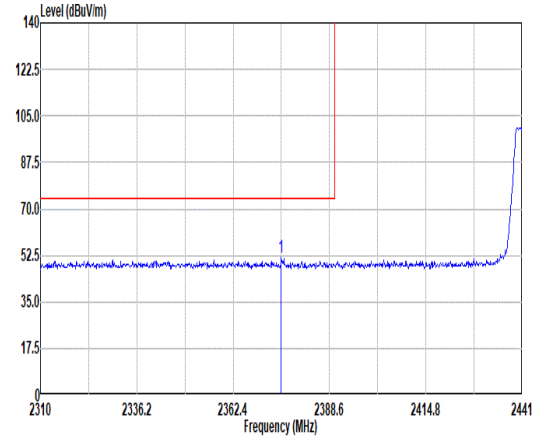
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	4804.00	50.88	74.00	-23.12	39.16	32.32	10.56	32.98	1.82	100	243	Peak
2	4804.00	42.33	54.00	-11.67	30.61	32.32	10.56	32.98	1.82	100	243	Average
3	7206.00	52.46	74.00	-21.54	36.56	36.94	12.36	35.45	2.05	--	--	Peak

Remark: #3 is not included in the restricted band.

Mode	6	
	Harmonic	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH00_2402MHz	
ANT	SISO	
Pol.	Horizontal	Vertical
10.6G ~18G Avg		

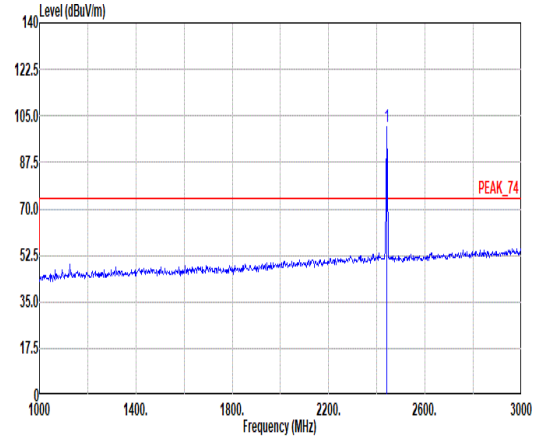
Mode	7	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

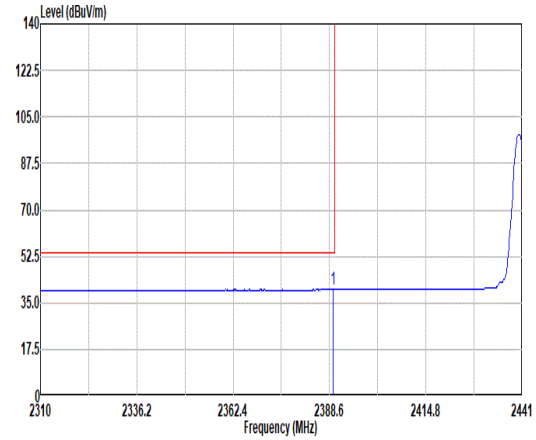
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2375.50	51.68	74.00	-22.32	38.61	27.05	7.31	31.72	10.43	100	117	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

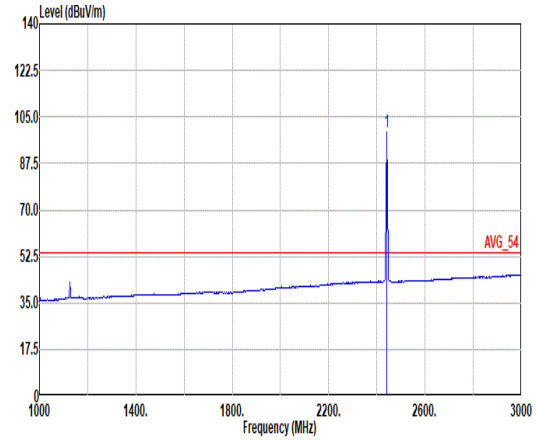
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2440.00	100.77	------	------	87.75	26.90	7.42	31.76	10.46	100	117	PEAK

Avg



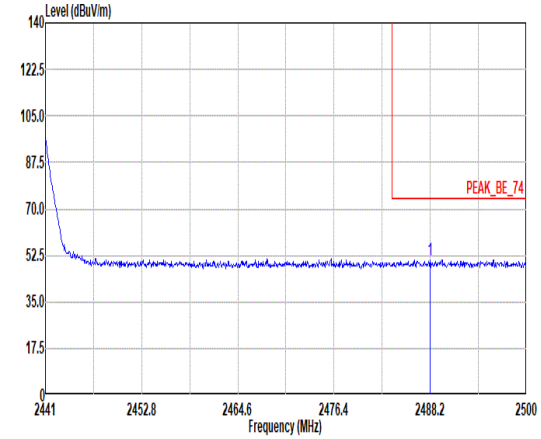
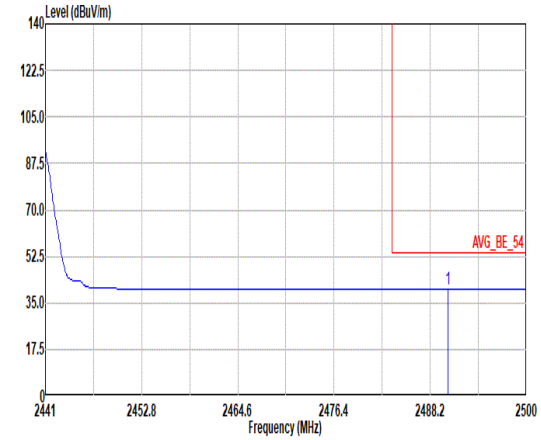
Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2389.65	39.98	54.00	-14.02	26.93	27.00	7.34	31.73	10.44	100	117	AVERAGE



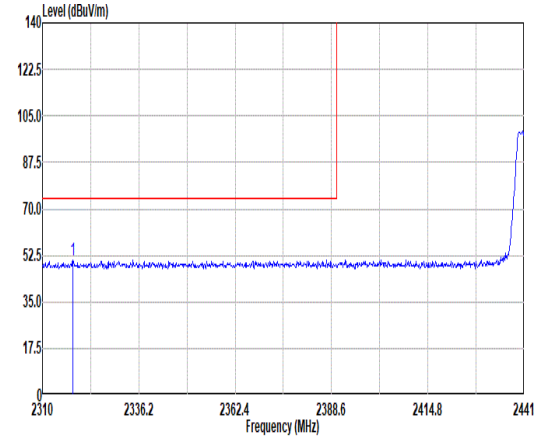
Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2440.00	99.41	------	------	86.40	26.90	7.41	31.76	10.46	100	117	AVERAGE

Mode	7	
	Band Edge - R	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2488.14 50.86 74.00 -23.14 37.81 26.88 7.48 31.79 10.48 100 117 PEAK	**Blank**
Avg	 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2490.38 40.17 54.00 -13.83 27.10 26.90 7.48 31.79 10.48 100 117 AVERAGE	**Blank**

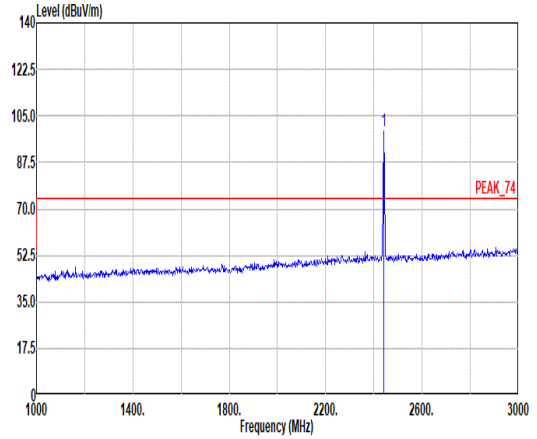
Mode	7	
	Band Edge - L	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Vertical	Fundamental

Peak



Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

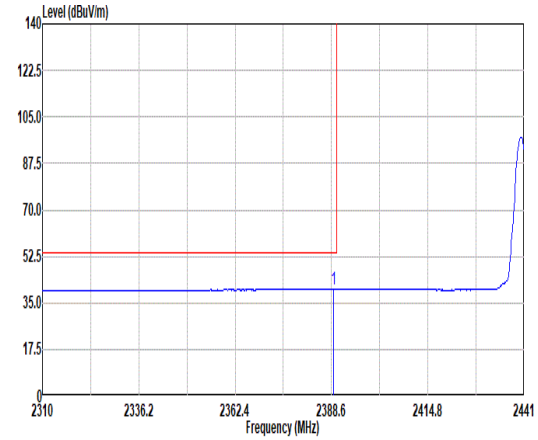
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2318.25	50.82	74.00	-23.18	37.70	27.18	7.21	31.69	10.42	400	18	PEAK



Site : 03CH23-HY
Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

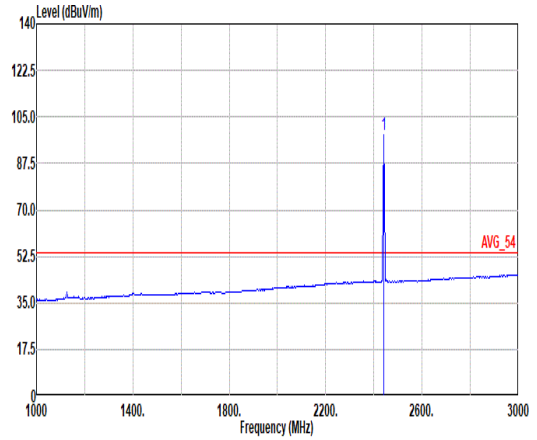
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2440.00	99.20	------	------	86.19	26.90	7.41	31.76	10.46	400	18	PEAK

Avg



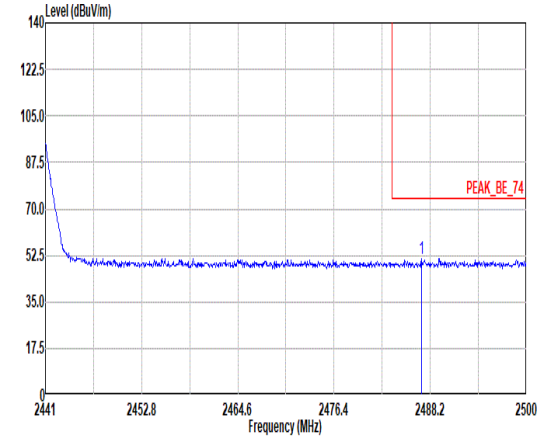
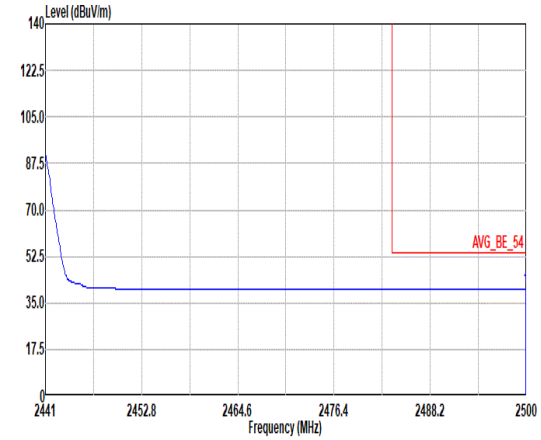
Site : 03CH23-HY
Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2389.26	40.01	54.00	-13.99	26.96	27.00	7.34	31.73	10.44	400	18	AVERAGE



Site : 03CH23-HY
Condition: AVG_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL
: RBW:1000.000kHz VBW:0.010kHz SWT:Auto

	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	2440.00	98.23	------	------	85.21	26.90	7.42	31.76	10.46	400	18	AVERAGE

Mode	7	
	Band Edge - R	
	2400-2483.5_Bluetooth-LE_2Mbps_GSFK_CH19_2440MHz	
ANT	SISO	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_230712 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 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 2487.14 51.22 74.00 -22.78 38.18 26.87 7.48 31.79 10.48 400 18 PEAK	Blank
Avg	 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_230712 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 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 2499.88 40.21 54.00 -13.79 27.14 26.90 7.49 31.80 10.48 400 18 AVERAGE	Blank