

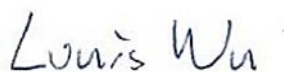


FCC RADIO TEST REPORT

FCC ID : 2BO3L-16U55U
Equipment : Notebook Computer
Brand Name : LG
Model Name : 16U55U
Series Model Name : 16UG55U,16UD55U,16UB55U,16US55U,16UT55U, 16U55U*
(* can be 0 to 9 or A to Z or blank denoting buyer request)
Applicant : LG Electronics USA, Inc.
111 Sylvan Avenue North Building Englewood Cliffs, NJ
07632 United States
Manufacturer : LG ELECTRONICS INC.
Standard : FCC Part 15 Subpart C §15.247

The product was received on Nov. 05, 2025 and testing was performed from Nov. 24, 2025 to Jan. 05, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description.....	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	5
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Carrier Frequency Channel	7
2.2 Test Mode.....	8
2.3 Connection Diagram of Test System.....	8
2.4 Support Unit used in test configuration and system	9
2.5 EUT Operation Test Setup	9
2.6 Measurement Results Explanation Example.....	9
3 Test Result.....	10
3.1 Number of Channel Measurement	10
3.2 Hopping Channel Separation Measurement	11
3.3 Dwell Time Measurement.....	12
3.4 20dB and 99% Bandwidth Measurement	13
3.5 Output Power Measurement.....	14
3.6 Conducted Band Edges Measurement.....	15
3.7 Conducted Spurious Emission Measurement	16
3.8 Radiated Band Edges and Spurious Emission Measurement	17
3.9 AC Conducted Emission Measurement.....	21
3.10 Antenna Requirements.....	23
4 List of Measuring Equipment	24
5 Measurement Uncertainty	25
Appendix A. Conducted Test Results	
Appendix B. AC Conducted Emission Test Result	
Appendix C. Radiated Spurious Emission Test Result	
Appendix D. Duty Cycle Plots	
Appendix E. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR5N0519A	01	Initial issue of report	Jan. 28, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(1)	Number of Channels	Pass	-
3.2	15.247(a)(1)	Hopping Channel Separation	Pass	-
3.3	15.247(a)(1)	Dwell Time of Each Channel	Pass	-
3.4	15.247(a)(1)	20dB Bandwidth	Pass	-
3.4	2.1049	99% Occupied Bandwidth	Pass	-
3.5	15.247(b)(1) 15.247(b)(4)	Peak Output Power	Pass	-
3.6	15.247(d)	Conducted Band Edges	Pass	-
3.7	15.247(d)	Conducted Spurious Emission	Pass	-
3.8	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	-
3.9	15.207	AC Conducted Emission	Pass	-
3.10	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/manufacture 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:

1. 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.
2. The purpose of different model name can be referred Product Equality Declaration

Reviewed by: Sheng Kuo

Report Producer: Shiori Chen

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax.	
Antenna Type WLAN: <Main>: PIFA Antenna <Aux.>: PIFA Antenna Bluetooth: PIFA Antenna	
Integrated WLAN module	Brand Name: MediaTek Model Name: MT7922A12L

Antenna Information		
Antenna	Manufacturer	Yageo
	Antenna Type	PIFA Antenna
	Model number	DQ603299000 (TQ32990)
	Peak gain (dBi)	Aux. Antenna: Bluetooth: 6.12

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.)

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 KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ FCC Part 15 Subpart C §15.247
- ♦ ANSI C63.10-2020

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.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



2 Test Configuration of Equipment Under Test

2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	0	2402	27	2429	54	2456
	1	2403	28	2430	55	2457
	2	2404	29	2431	56	2458
	3	2405	30	2432	57	2459
	4	2406	31	2433	58	2460
	5	2407	32	2434	59	2461
	6	2408	33	2435	60	2462
	7	2409	34	2436	61	2463
	8	2410	35	2437	62	2464
	9	2411	36	2438	63	2465
	10	2412	37	2439	64	2466
	11	2413	38	2440	65	2467
	12	2414	39	2441	66	2468
	13	2415	40	2442	67	2469
	14	2416	41	2443	68	2470
	15	2417	42	2444	69	2471
	16	2418	43	2445	70	2472
	17	2419	44	2446	71	2473
	18	2420	45	2447	72	2474
	19	2421	46	2448	73	2475
	20	2422	47	2449	74	2476
	21	2423	48	2450	75	2477
	22	2424	49	2451	76	2478
	23	2425	50	2452	77	2479
	24	2426	51	2453	78	2480
	25	2427	52	2454	-	-
	26	2428	53	2455	-	-

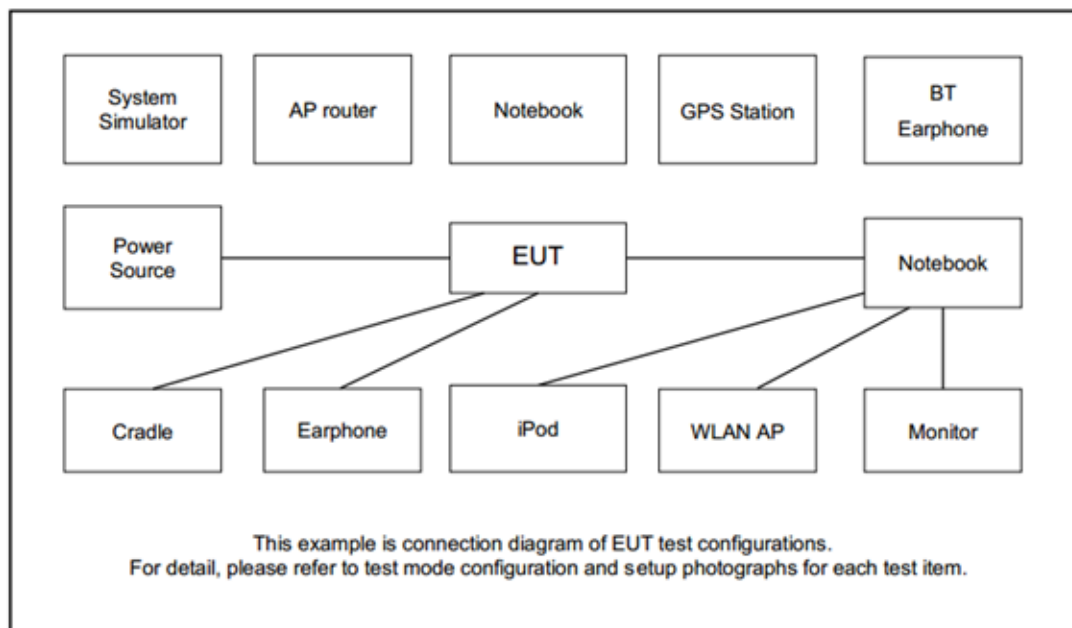
2.2 Test Mode

- a. The EUT was connected with peripherals and configured to operate in a manner that tends to maximize its emission characteristics in a typical application. The frequency ranges investigated were: conducted emissions (150 kHz to 30 MHz) and radiated emissions (9 kHz to the 10th harmonic of the highest fundamental frequency, or up 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 BR 1Mbps GFSK	Bluetooth EDR 2Mbps $\pi/4$ -DQPSK	Bluetooth EDR 3Mbps 8-DPSK
	Mode 1: CH00_2402 MHz	Mode 4: CH00_2402 MHz	Mode 7: CH00_2402 MHz
	Mode 2: CH39_2441 MHz	Mode 5: CH39_2441 MHz	Mode 8: CH39_2441 MHz
	Mode 3: CH78_2480 MHz	Mode 6: CH78_2480 MHz	Mode 9: CH78_2480 MHz
AC Conducted Emission	Mode 1 :WLAN2.4GHz TX + USB HD*2 + Earphone + Monitor + Ipod + Adapter		
	Mode 2 :BT TX + USB HD*2 + Earphone + Monitor + Ipod + Adapter		
Remark:			
1. The worst case of Conducted Emission is mode 2; only the test data of it was reported.			
2. The detailed Radiated test modes are shown in Appendix C.			

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.	iPod	Apple	A1199	DoC	Shielded, 1.0m	N/A
2.	Earphone + Mic	Samsung	Ecouteur	N/A	Unshielded, 1.8m	N/A
3.	LCD MONITOR	DELL	ST2220Lb	FCC DoC	Shielded, 1.6m	Unshielded, 1.8m
4.	USB HD	ADATA	HV620S-1T	FCC DoC	Shielded, 0.5m	N/A
5.	USB HD	WD	WDBPCK50000ABK-PESN	FCC DoC	Shielded, 0.5m	N/A
6.	Earphone	Apple	A1285	N/A	Shielded, 1.2m	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "WCN Combo Tool" was installed in EUT which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example:

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 Number of Channel Measurement

3.1.1 Limits of Number of Hopping Frequency

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels.

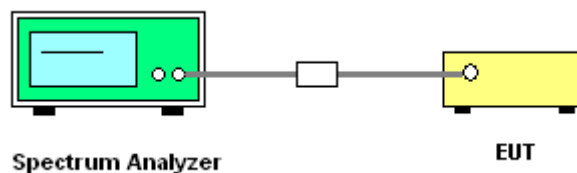
3.1.2 Measuring Instruments

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

3.1.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.3.
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. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = the frequency band of operation;
RBW = 300 kHz; VBW $\geq$ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. The number of hopping frequency used is defined as the number of total channel.
7. Record the measurement data derived from spectrum analyzer.

3.1.4 Test Setup



3.1.5 Test Result of Number of Hopping Frequency

Please refer to Appendix A.

3.2 Hopping Channel Separation Measurement

3.2.1 Limit of Hopping Channel Separation

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

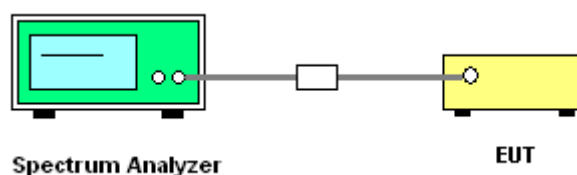
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.2.
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. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings:
Span = wide enough to capture the peaks of two adjacent channels;
RBW = 300 kHz; VBW $\geq$ RBW; Sweep = No faster than coupled (auto) time; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Hopping Channel Separation

Please refer to Appendix A.

3.3 Dwell Time Measurement

3.3.1 Limit of Dwell Time

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

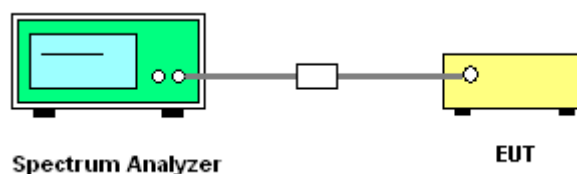
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.4.
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. Enable the EUT hopping function.
5. Use the following spectrum analyzer settings: Span = zero span, centered on a hopping channel; RBW = 1 MHz; VBW $\geq$ RBW; Sweep = as necessary to capture the entire dwell time per hopping channel; Detector function = peak; Trace = max hold.
6. Measure and record the results in the test report.

3.3.4 Test Setup



3.3.5 Test Result of Dwell Time

Please refer to Appendix A.

3.4 20dB and 99% Bandwidth Measurement

3.4.1 Limit of 20dB and 99% Bandwidth

Reporting only

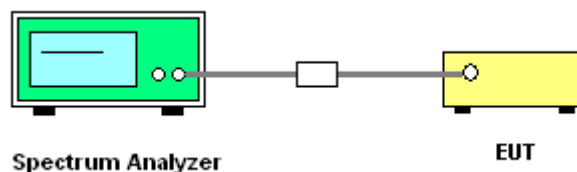
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.9.2 and 6.9.3.
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. Use the following spectrum analyzer settings for 20 dB Bandwidth measurement.
Span = approximately 2 to 5 times the 20 dB bandwidth, centered on a hopping channel;
RBW $\geq$ 1% of the 20 dB bandwidth, ; VBW $\geq$ 3 * RBW; Sweep = auto; Detector function = peak;
Trace = max hold.
5. Use the following spectrum analyzer settings for 99 % Bandwidth measurement.
Span = approximately 1.5 to 5 times the 99% bandwidth, centered on a hopping channel;
RBW $\geq$ 1-5% of the 99% bandwidth, ; VBW $\geq$ 3 * RBW; Sweep = auto; Detector function = peak;
Trace = max hold.
6. Measure and record the results in the test report.

3.4.4 Test Setup



3.4.5 Test Result of 20dB Bandwidth

Please refer to Appendix A.

3.4.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

3.5 Output Power Measurement

3.5.1 Limit of Output Power

The maximum peak conducted output power of the intentional radiator shall not exceed the following:
For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band 0.125 watts.
If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi.

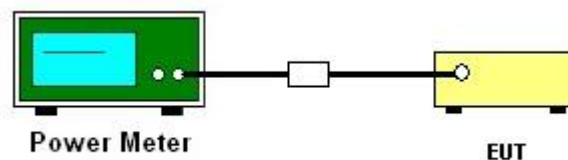
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

1. The testing follows ANSI C63.10 clause 7.8.5.
2. The RF output of EUT is connected to the power meter 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. Measure the conducted output power with cable loss and record the results in the test report.
5. Measure and record the results in the test report.

3.5.4 Test Setup



3.5.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.5.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.6 Conducted Band Edges Measurement

3.6.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

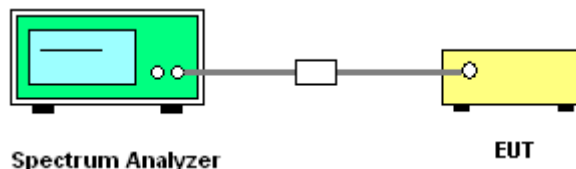
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. The testing follows ANSI C63.10 clause 6.10.
2. Set the maximum power setting and enable the EUT to transmit continuously.
3. Set RBW = 100 kHz, VBW = 300 kHz. Band edge emissions must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. The attenuation shall be 30 dB instead of 20 dB when RMS conducted output power procedure is used.
4. Enable hopping function of the EUT and then repeat step 2 and 3.
5. Measure and record the results in the test report.

3.6.4 Test Setup



3.6.5 Test Result of Conducted Band Edges

Please refer to Appendix A.

3.6.6 Test Result of Conducted Hopping Mode Band Edges

Please refer to Appendix A.

3.7 Conducted Spurious Emission Measurement

3.7.1 Limit of Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. In addition, radiated emissions which fall in the restricted bands must also comply with the radiated emission limits.

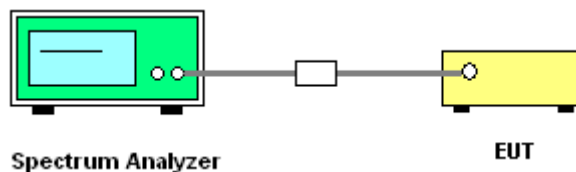
3.7.2 Measuring Instruments

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

3.7.3 Test Procedure

1. The testing follows ANSI C63.10 clause 7.8.7.
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, scan up through 10th harmonic. All harmonics / spurious must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.
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.

3.7.4 Test Setup



3.7.5 Test Result of Conducted Spurious Emission

Please refer to Appendix A.

3.8 Radiated Band Edges and Spurious Emission Measurement

3.8.1 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. 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

3.8.2 Measuring Instruments

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

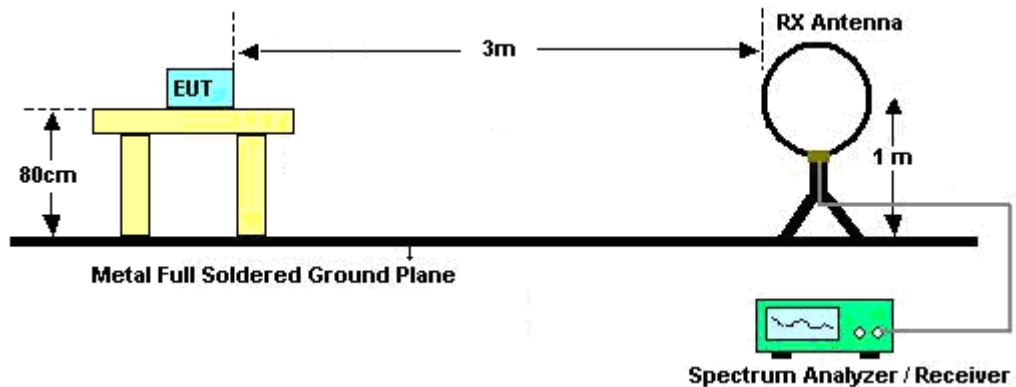
3.8.3 Test Procedures

1. 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.
2. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
3. For each suspected emission, 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 to comply with the guidelines.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. 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, RBW = 1 MHz for $f > 1$ GHz ; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold for peak
 - (3) For average measurement: use duty cycle correction factor method per 15.35(c).
Duty cycle = On time/100 milliseconds
On time = $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{N_{n-1}} + N_n * L_n$
Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulses, etc.
Average Emission Level = Peak Emission Level + $20 * \log$ (Duty cycle)
6. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
7. 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 “-”.
8. 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 “-”.

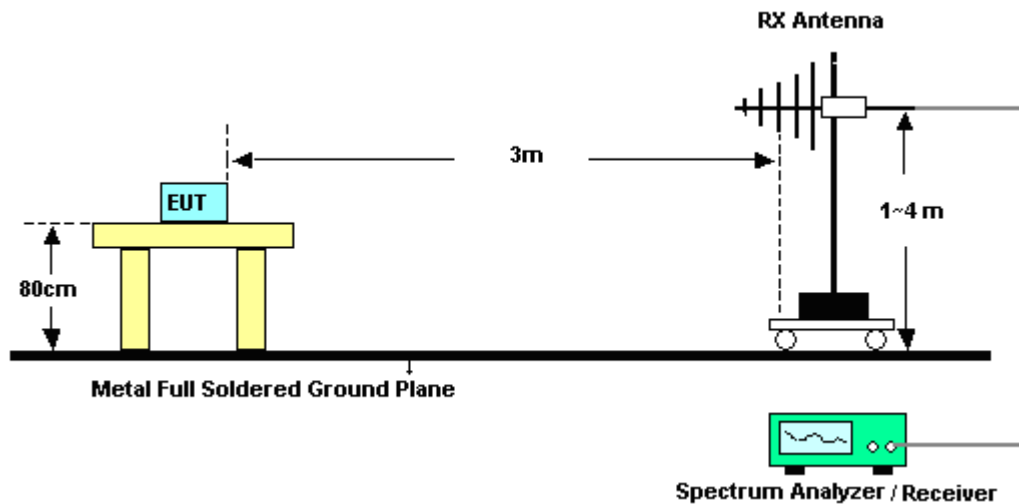
Note: The average levels are calculated from the peak level corrected with duty cycle correction factor (-24.79dB for 1Mbps, -24.76dB for 3Mbps) derived from $20\log$ (dwell time/100ms). This correction is only for signals that hop with the fundamental signal, such as band-edge and harmonic. Other spurious signals that are independent of the hopping signal would not use this correction.

3.8.4 Test Setup

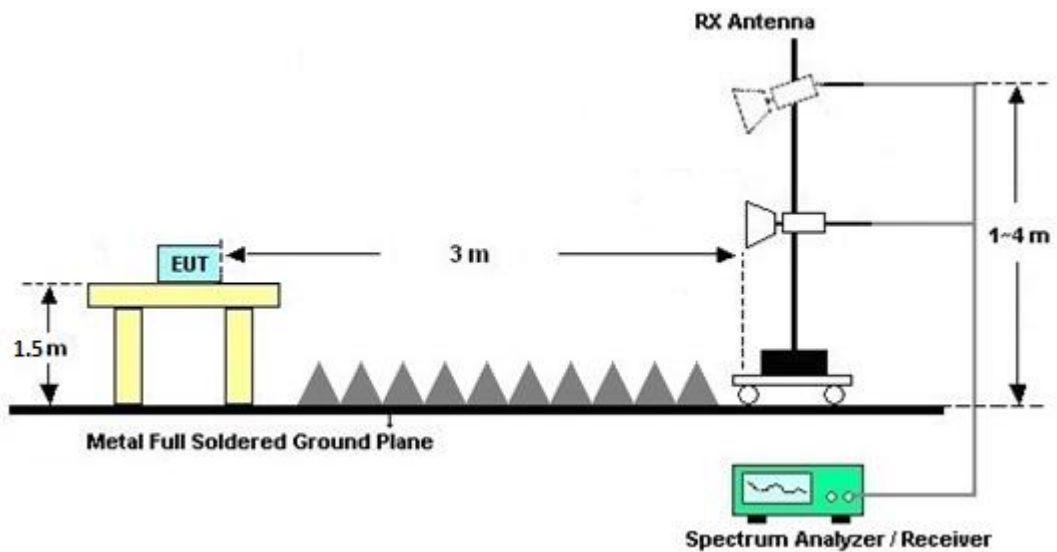
For radiated test below 30MHz



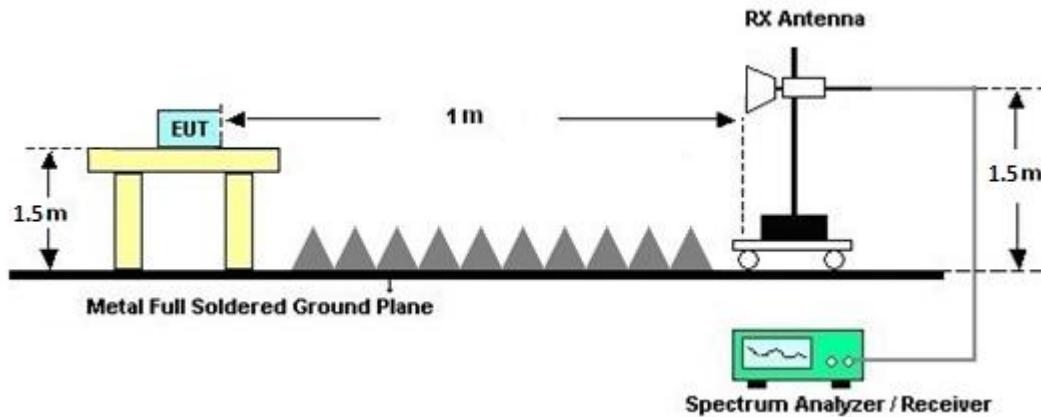
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.8.5 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.

3.8.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.8.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.9 AC Conducted Emission Measurement

3.9.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

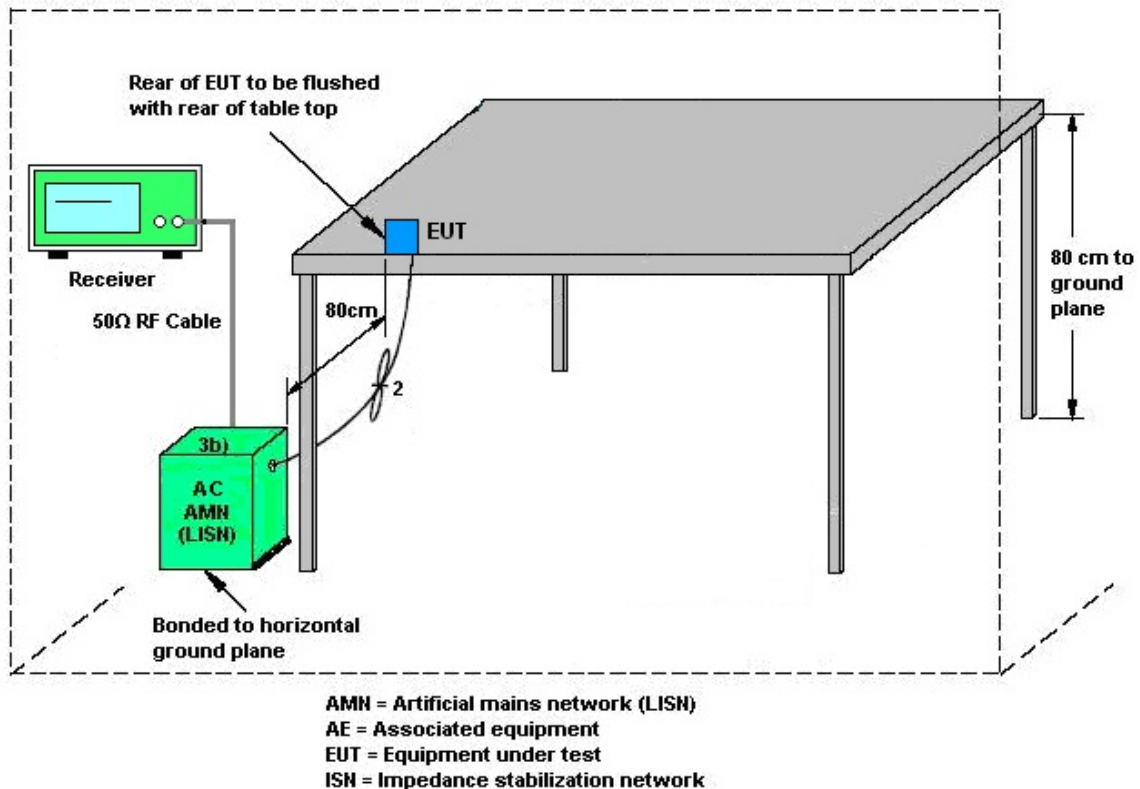
3.9.2 Measuring Instruments

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

3.9.3 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.

3.9.4 Test Setup



3.9.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.10 Antenna Requirements

3.10.1 Standard Applicable

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

3.10.2 Antenna Anti-Replacement Construction

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	100315	9 kHz~30 MHz	Mar. 06, 2025	Nov. 26, 2025~ Dec. 22, 2025	Mar. 05, 2026	Radiation (03CH23-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Nov. 26, 2025~ Dec. 22, 2025	Oct. 03, 2026	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	9kHz~1GHz	Jul. 13, 2025	Nov. 26, 2025~ Dec. 22, 2025	Jul. 12, 2026	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	1GHz~18GHz	Sep. 26, 2025	Nov. 26, 2025~ Dec. 22, 2025	Sep. 25, 2026	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18E N	1GHz~18GHz	Jul. 02, 2025	Nov. 26, 2025~ Dec. 22, 2025	Jul. 01, 2026	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	Nov. 26, 2025~ Dec. 22, 2025	Jul. 01, 2026	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Nov. 26, 2025~ Dec. 22, 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY62170337	10Hz~44GHz	Aug. 26, 2025	Nov. 26, 2025~ Dec. 22, 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP210001	N/A	Nov. 06, 2025	Nov. 26, 2025~ Dec. 22, 2025	Nov. 05, 2026	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Nov. 26, 2025~ Dec. 22, 2025	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Nov. 26, 2025~ Dec. 22, 2025	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Nov. 26, 2025~ Dec. 22, 2025	N/A	Radiation (03CH23-HY)
Software	Audix	E3 6.09824_2019122	RK-002348	N/A	N/A	Nov. 26, 2025~ Dec. 22, 2025	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	30MHz~40GHz	Nov. 25, 2025	Nov. 26, 2025~ Dec. 22, 2025	Nov. 24, 2026	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/23111 9/231122	30MHz~40GHz	Nov. 25, 2025	Nov. 26, 2025~ Dec. 22, 2025	Nov. 24, 2026	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Nov. 24, 2025~ Jan. 05, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	Raditeq	RPR3008W	RPR8W-2301 001(NO:146)	10MHz~8GHz	Nov. 14, 2025	Nov. 24, 2025~ Jan. 05, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101468	10HZ~44GHZ	Mar. 13, 2025	Nov. 24, 2025~ Jan. 05, 2026	Mar. 12, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900157 (BOX6)	N/A	Feb. 10, 2025	Nov. 24, 2025~ Jan. 05, 2026	Feb. 09, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ver sion_240823	N/A	Conducted Other Test Item	N/A	Nov. 24, 2025~ Jan. 05, 2026	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Nov. 24, 2025	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Nov. 24, 2025	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Oct. 20, 2025	Nov. 24, 2025	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 03, 2025	Nov. 24, 2025	Mar. 02, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Nov. 24, 2025	Mar. 23, 2026	Conduction (CO07-HY)
Four-Line V-Network	TESEQ	NNB 52	36122	N/A	Mar. 26, 2025	Nov. 24, 2025	Mar. 25, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI7	100724	9kHz~7GHz	Feb. 13, 2025	Nov. 24, 2025	Feb. 12, 2026	Conduction (CO07-HY)

5 Measurement Uncertainty

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

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.7 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
--	--------

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Sylvia Li	Temperature:	21~25	°C
Test Date:	2025/11/24~2026/01/05	Relative Humidity:	51~54	%

TEST RESULTS DATA***20dB and 99% Occupied Bandwidth and Hopping Channel Separation***

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	20db BW (MHz)	99% Bandwidth (MHz)	Hopping Channel Separation Measurement (MHz)	Hopping Channel Separation Measurement Limit (MHz)	Pass/Fail
DH	1Mbps	1	0	2402	0.772	0.719	1.007	0.5148	Pass
DH	1Mbps	1	39	2441	0.771	0.719	0.994	0.5142	Pass
DH	1Mbps	1	78	2480	0.773	0.719	0.994	0.5150	Pass
2DH	2Mbps	1	0	2402	1.205	1.129	0.994	0.8032	Pass
2DH	2Mbps	1	39	2441	1.205	1.128	0.999	0.8032	Pass
2DH	2Mbps	1	78	2480	1.203	1.127	0.999	0.8022	Pass
3DH	3Mbps	1	0	2402	1.213	1.121	0.990	0.8086	Pass
3DH	3Mbps	1	39	2441	1.214	1.120	0.994	0.8096	Pass
3DH	3Mbps	1	78	2480	1.214	1.120	0.999	0.8090	Pass

TEST RESULTS DATA***Dwell Time***

Mod.	Hopping Channel Number Rate	Hops Over Occupancy Time (hops)	Package Transfer Time (msec)	Dwell Time (sec)	Limits (sec)	Pass/Fail
2DH5	79	106.670	2.89	0.31	0.4	Pass
2DH5 (AFH)	20	53.330	2.89	0.15	0.4	Pass

TEST RESULTS DATA***Peak Power Table***

DH	CH.	NTX	Peak Power (dBm)	Power Limit (dBm)	Test Result
DH1	0	1	13.00	20.97	Pass
	39	1	12.70	20.97	Pass
	78	1	12.80	20.97	Pass
2DH1	0	1	11.60	20.97	Pass
	39	1	11.30	20.97	Pass
	78	1	11.40	20.97	Pass
3DH1	0	1	11.80	20.97	Pass
	39	1	11.50	20.97	Pass
	78	1	11.70	20.97	Pass

TEST RESULTS DATA***Average Power Table
(Reporting Only)***

DH	CH.	NTX	Average Power (dBm)	Duty Factor (dB)
DH1	0	1	11.90	5.23
	39	1	11.50	5.23
	78	1	11.70	5.23
2DH1	0	1	8.80	5.11
	39	1	8.60	5.11
	78	1	8.70	5.11
3DH1	0	1	8.90	5.14
	39	1	8.70	5.14
	78	1	8.80	5.14

TEST RESULTS DATA***Number of Hopping Frequency***

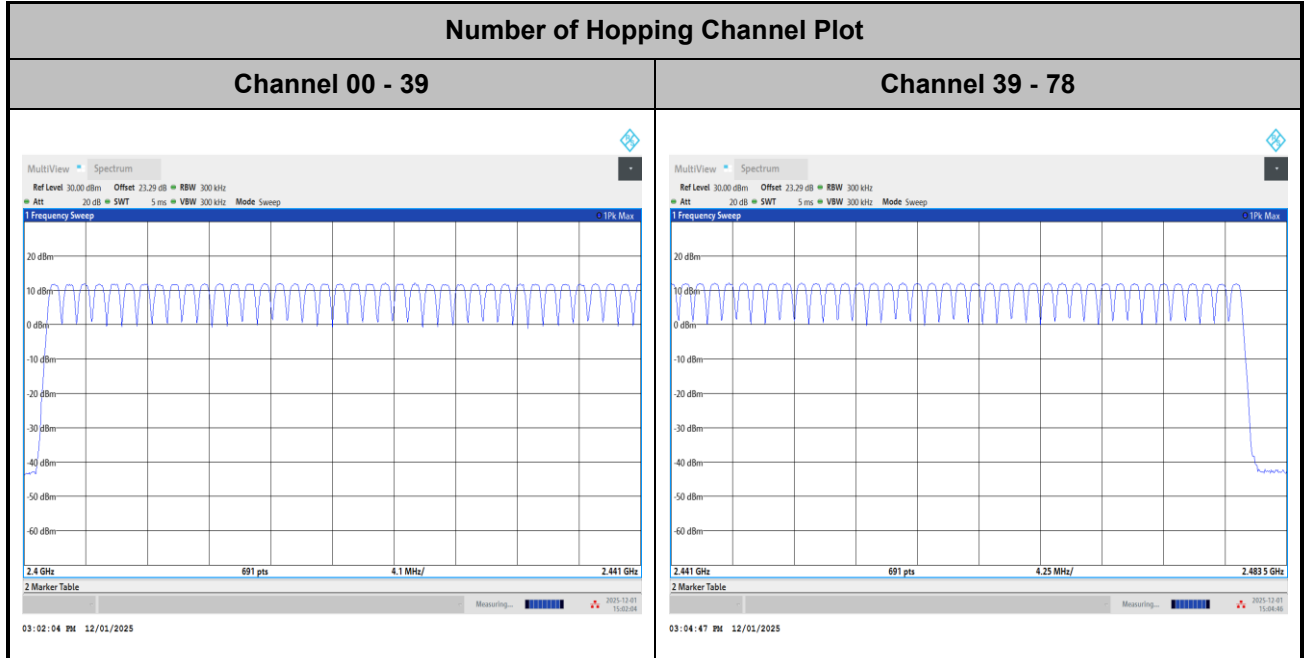
Number of Hopping (Channel)	Adaptive Frequency Hopping (Channel)	Limits (Channel)	Pass/Fail
79	20	> 15	Pass



Number of TX = 1, Ant. 2 (Measured)

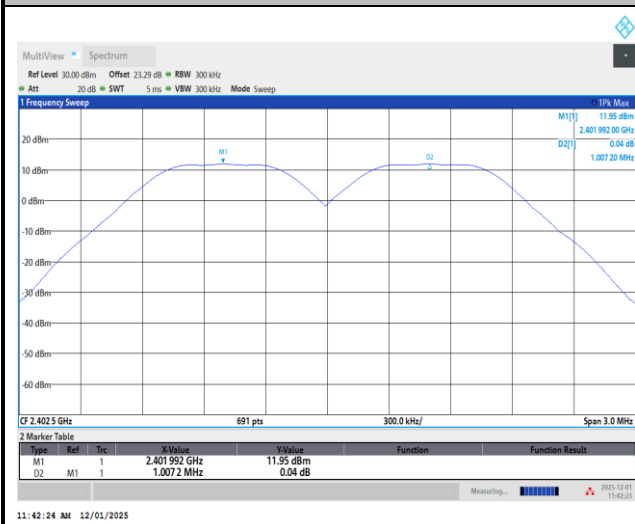
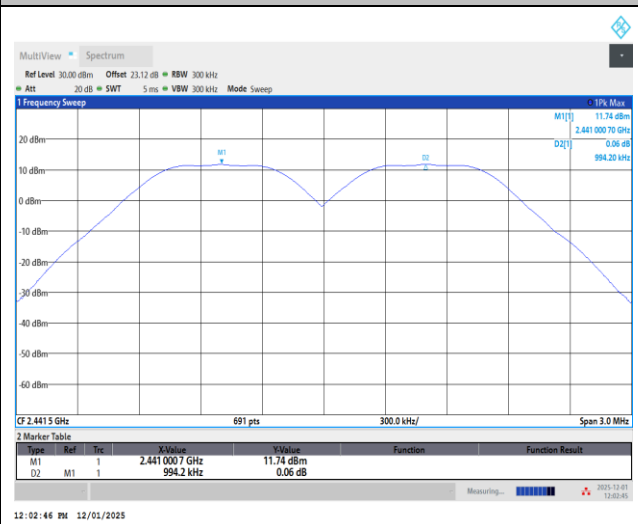
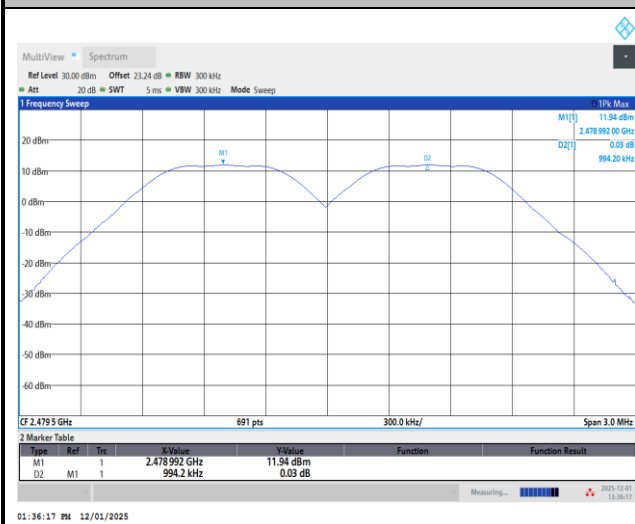
Number of Hopping Frequency

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**Hopping Channel Separation**

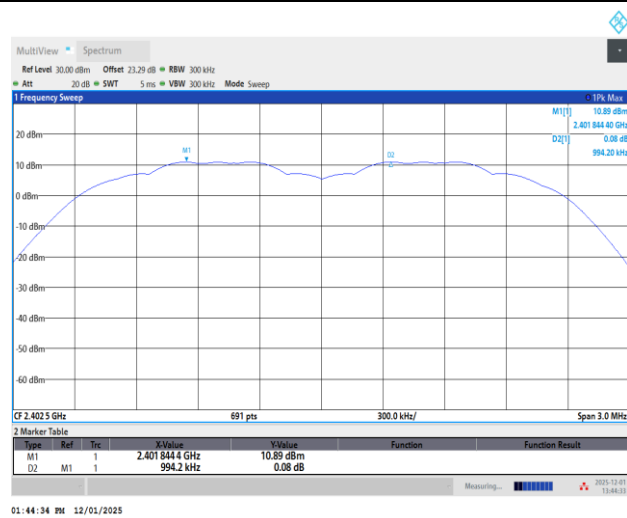
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Channel Separation Plot on Channel 00 - 01**Channel Separation Plot on Channel 39 - 40****Channel Separation Plot on Channel 77 - 78**

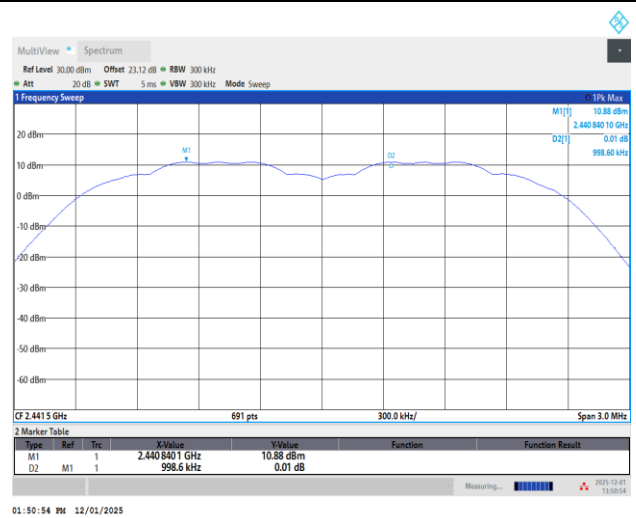


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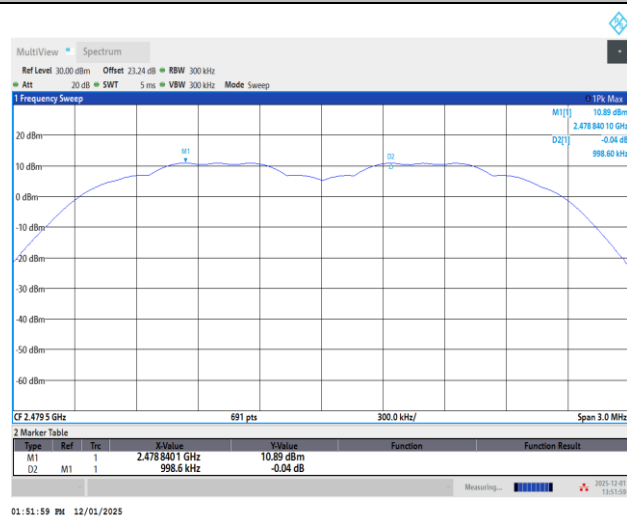
Channel Separation Plot on Channel 00 - 01



Channel Separation Plot on Channel 39 - 40



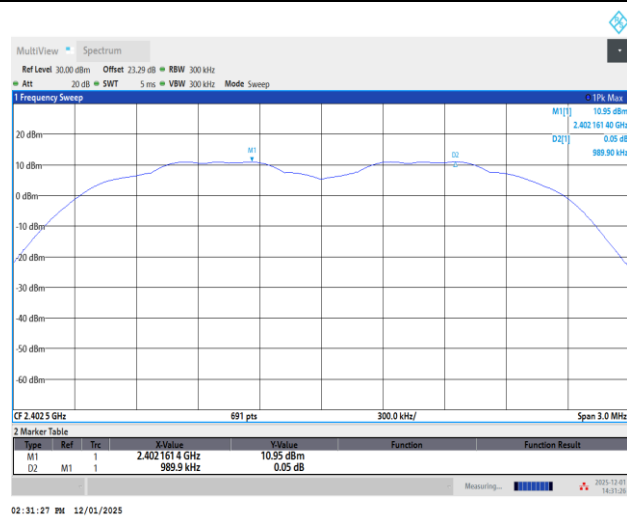
Channel Separation Plot on Channel 77 - 78



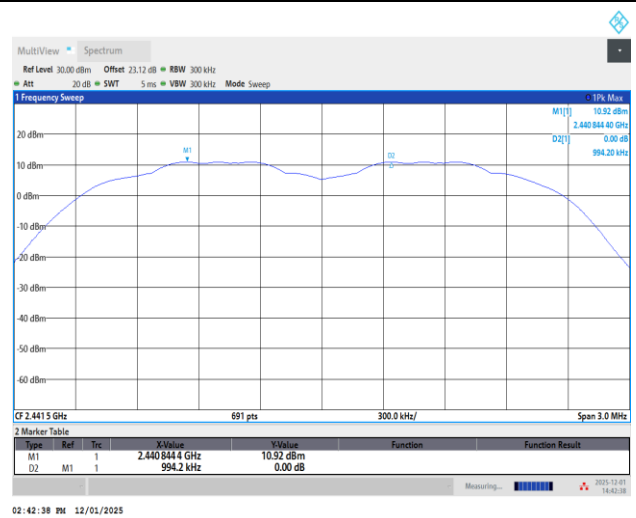


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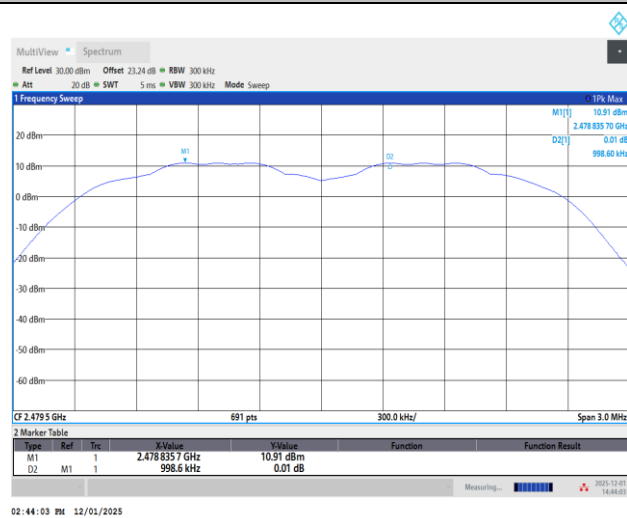
Channel Separation Plot on Channel 00 - 01

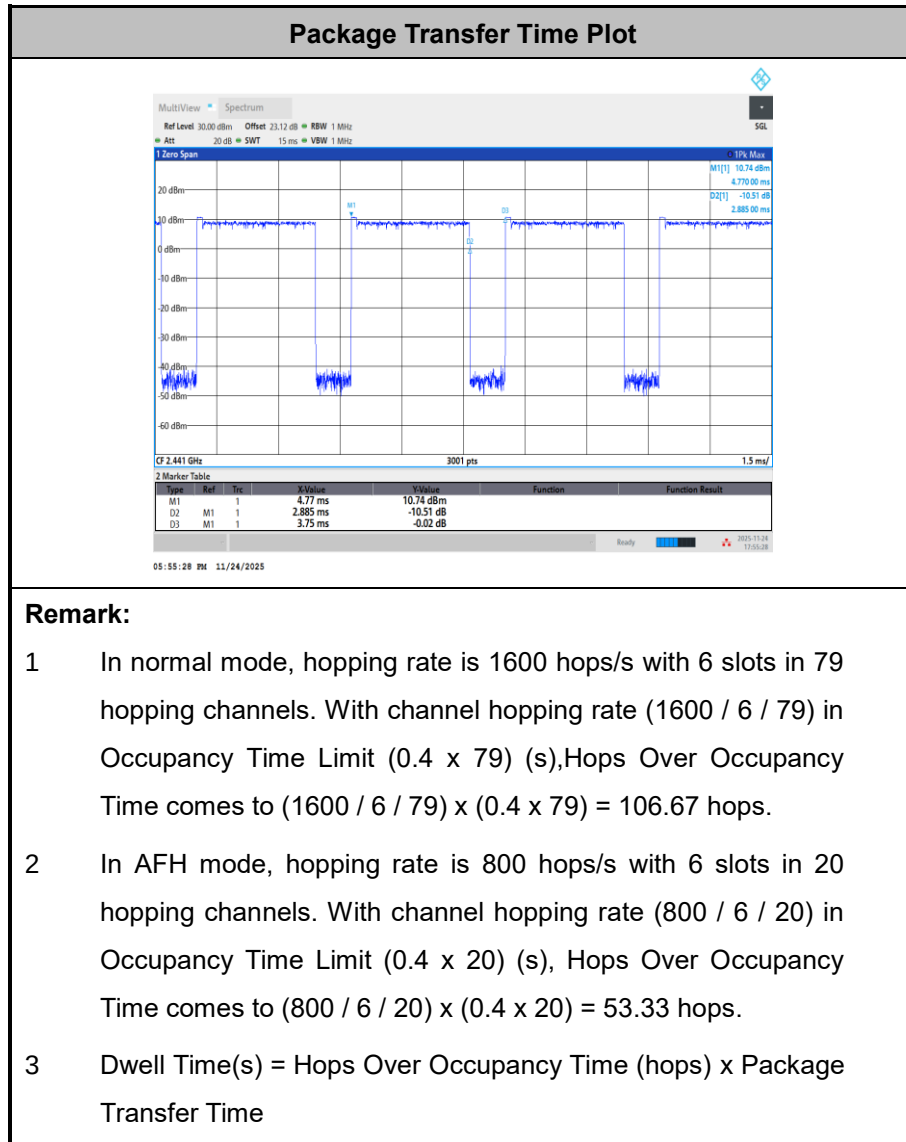


Channel Separation Plot on Channel 39 - 40



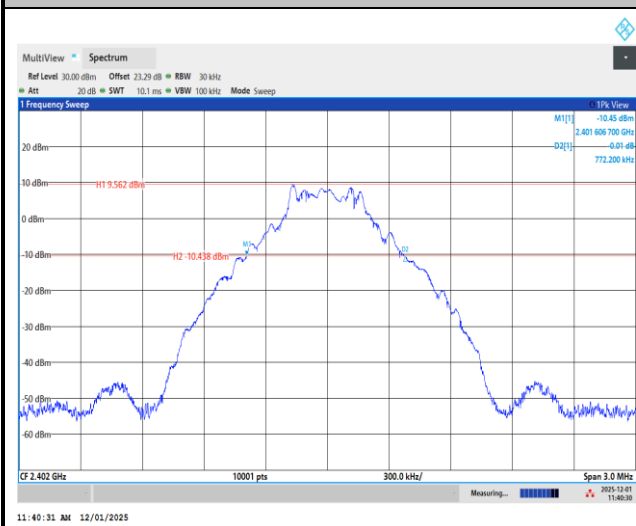
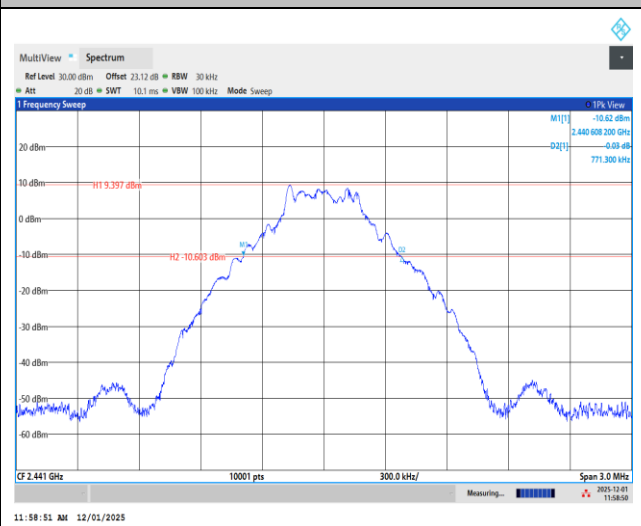
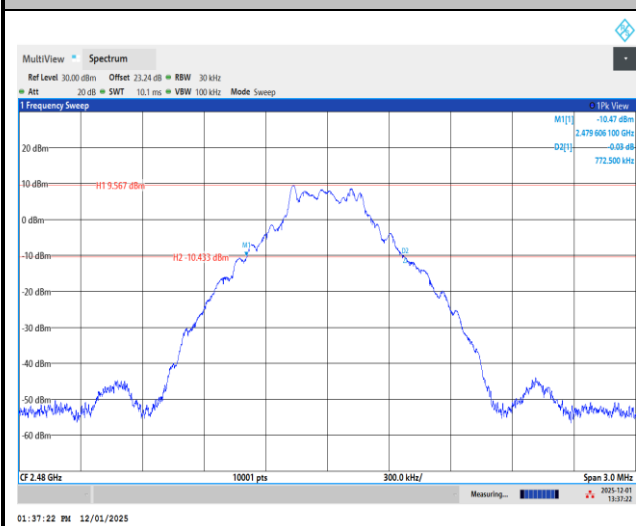
Channel Separation Plot on Channel 77 - 78



Dwell Time


**20dB Bandwidth**

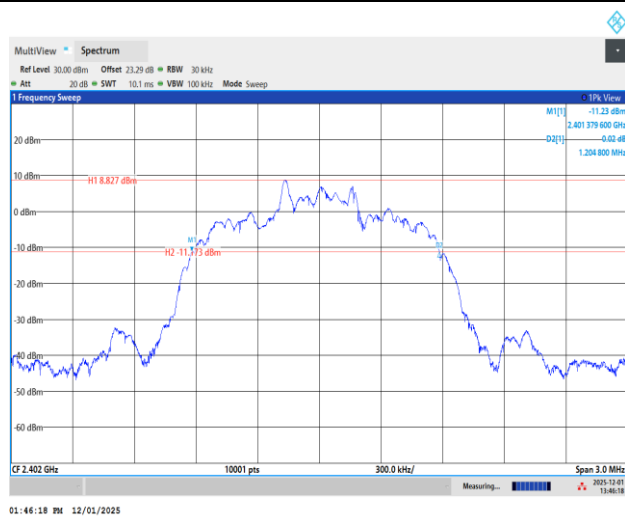
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20 dB Bandwidth Plot in Channel 00**20 dB Bandwidth Plot in Channel 39****20 dB Bandwidth Plot in Channel 78**

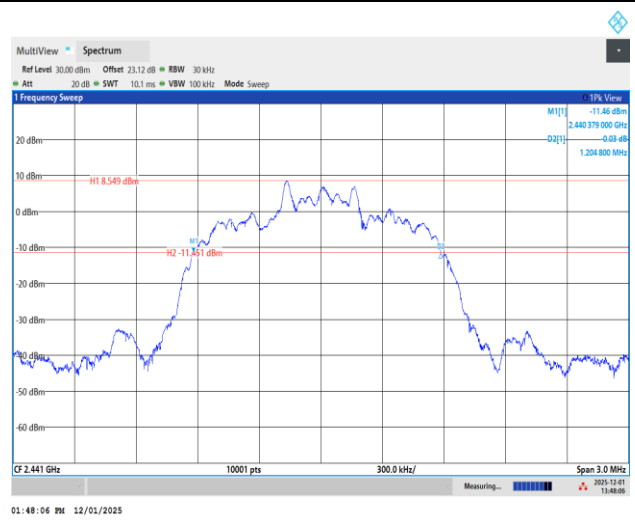


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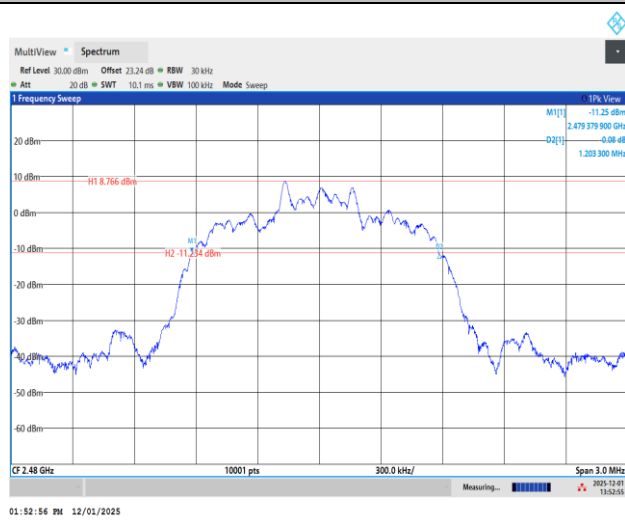
20 dB Bandwidth Plot in Channel 00



20 dB Bandwidth Plot in Channel 39



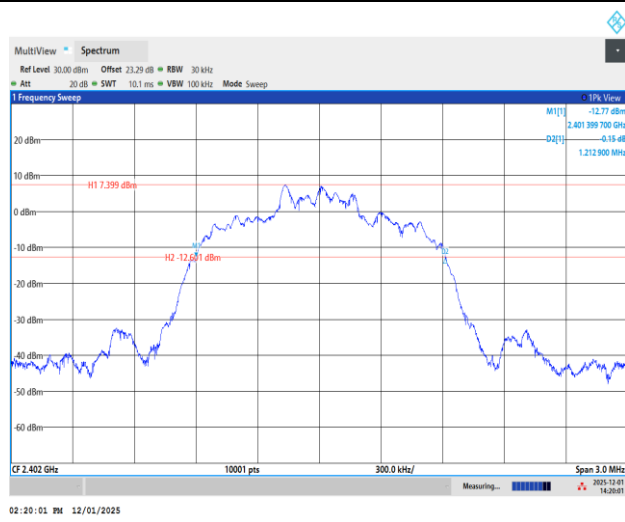
20 dB Bandwidth Plot in Channel 78



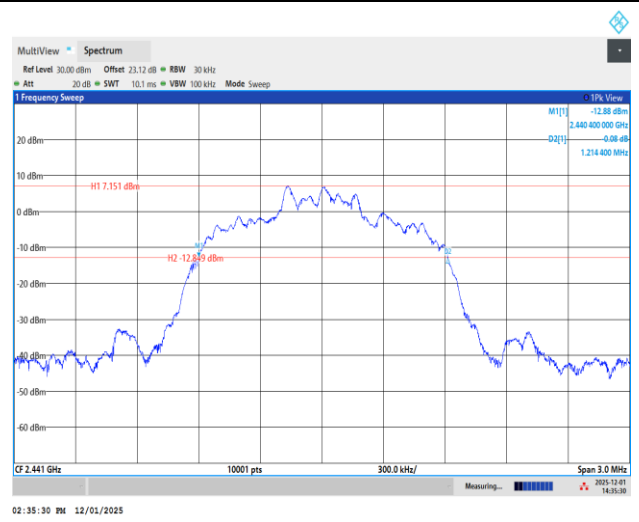


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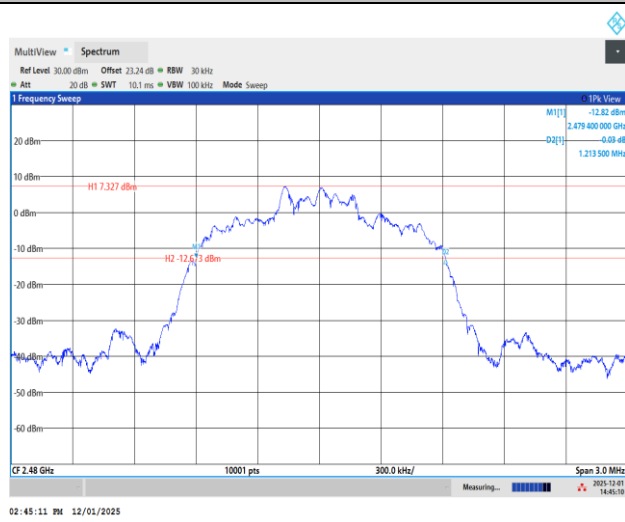
20 dB Bandwidth Plot in Channel 00



20 dB Bandwidth Plot in Channel 39

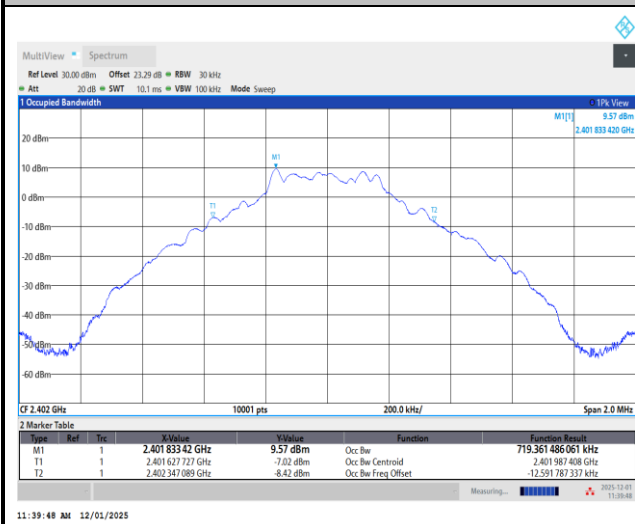
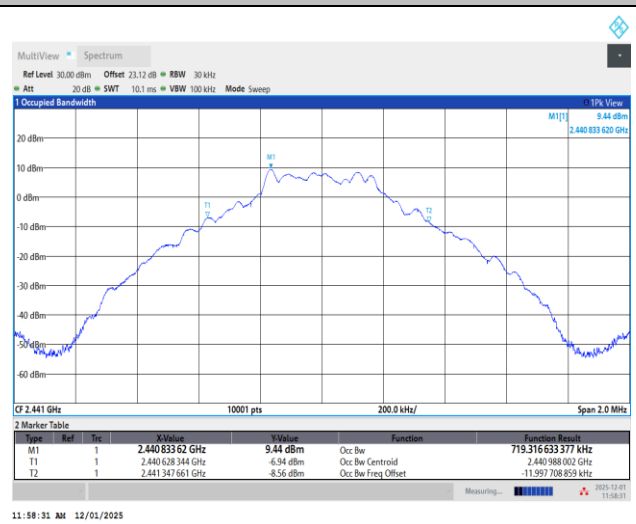
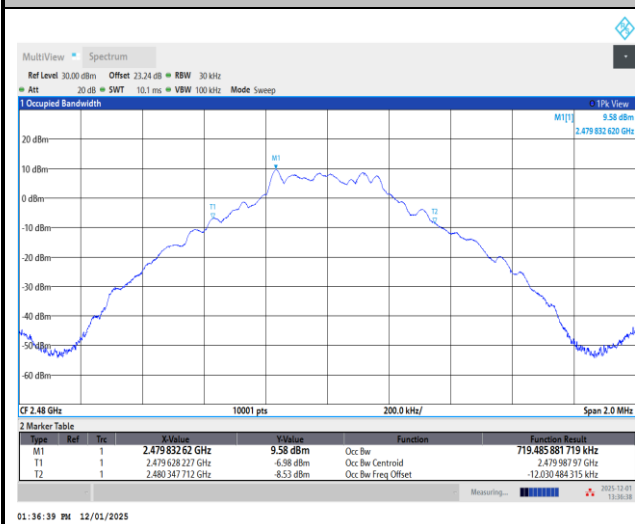


20 dB Bandwidth Plot in Channel 78



**99% Occupied Bandwidth**

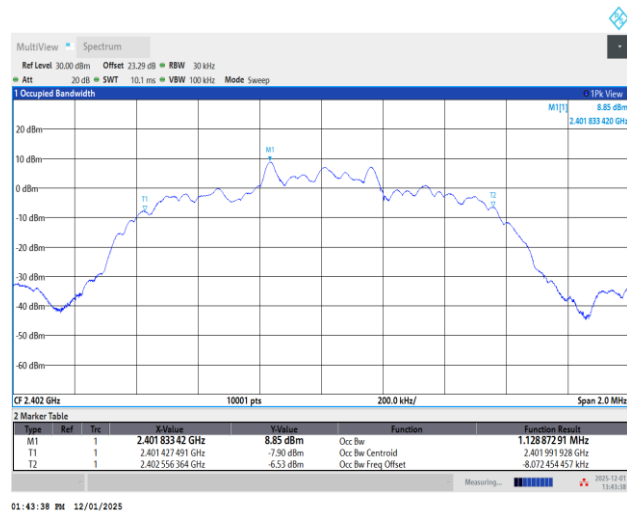
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99% Occupied Bandwidth on Channel 00**99% Occupied Bandwidth on Channel 39****99% Occupied Bandwidth on Channel 78**



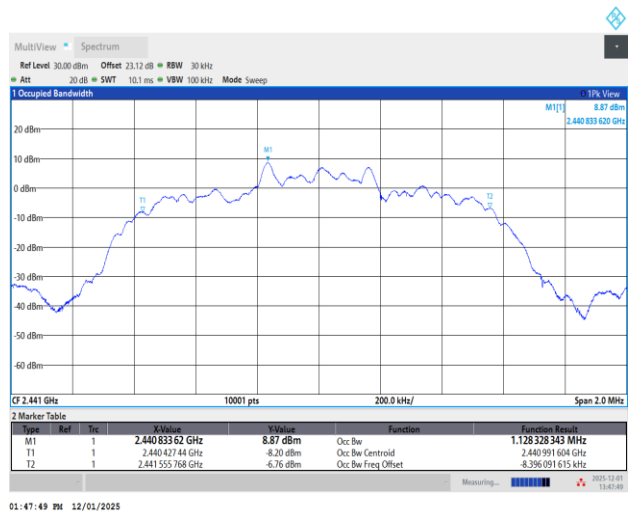
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99% Occupied Bandwidth on Channel 00



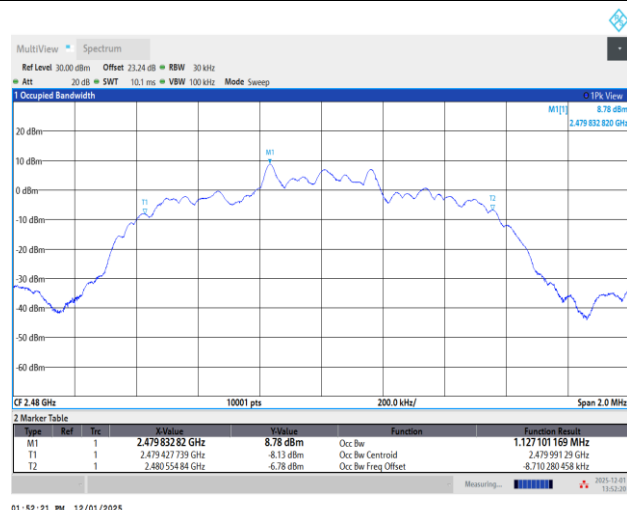
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99% Occupied Bandwidth on Channel 39



01:47:49 PM 12/01/2025

99% Occupied Bandwidth on Channel 78

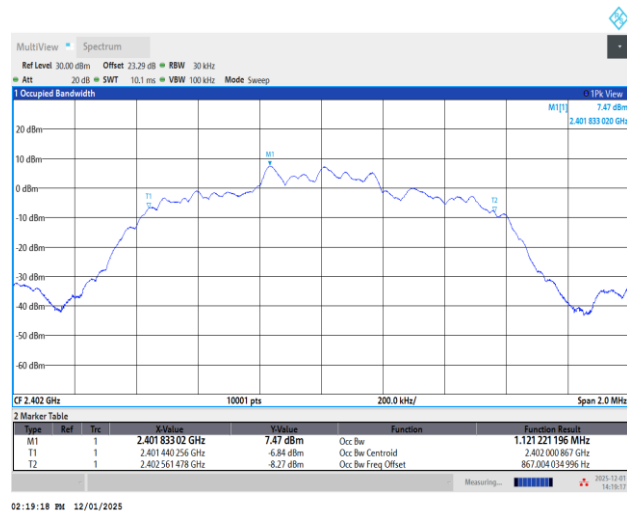


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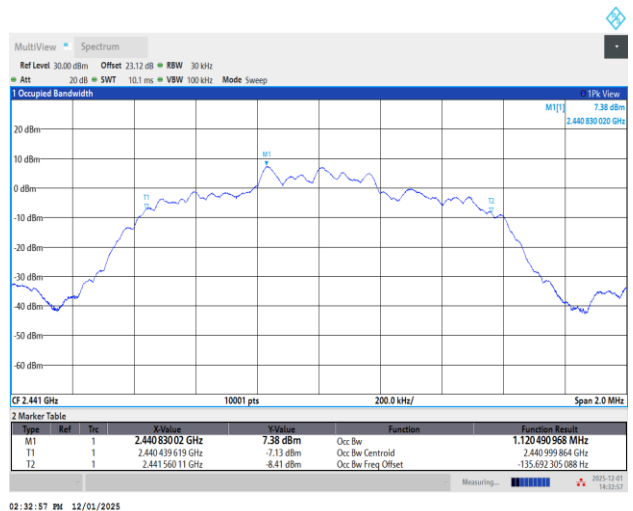
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99% Occupied Bandwidth on Channel 00



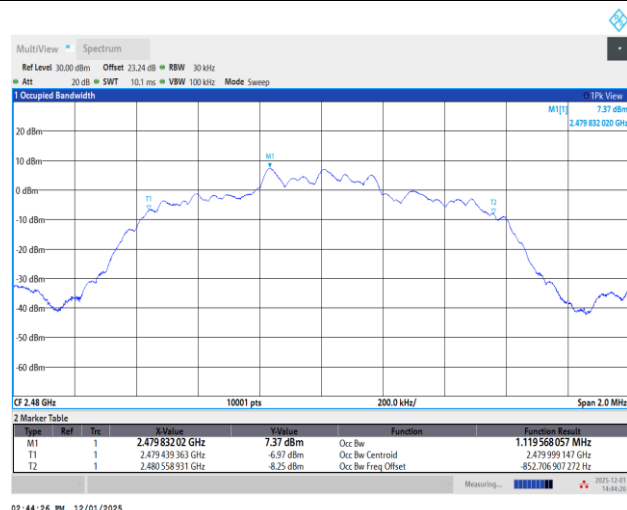
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99% Occupied Bandwidth on Channel 39



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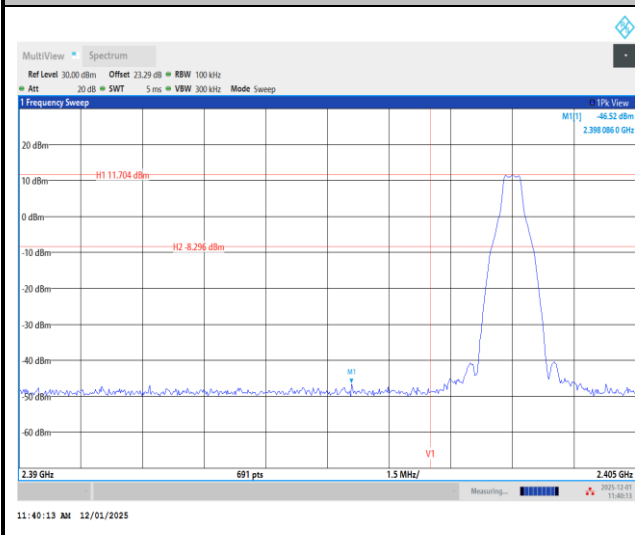
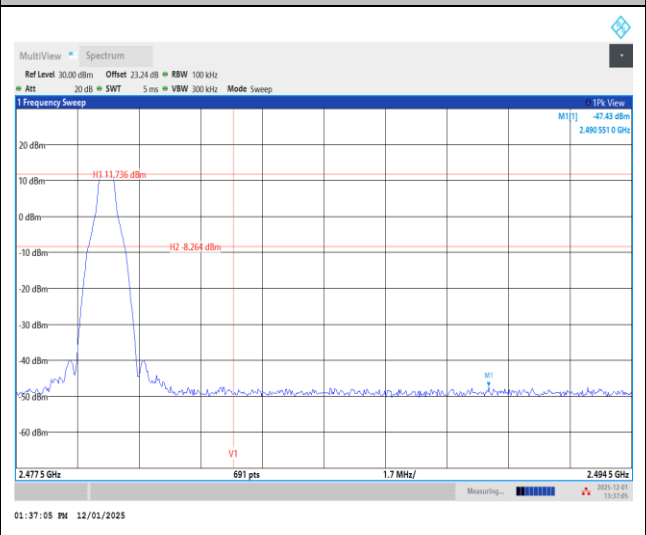
99% Occupied Bandwidth on Channel 78



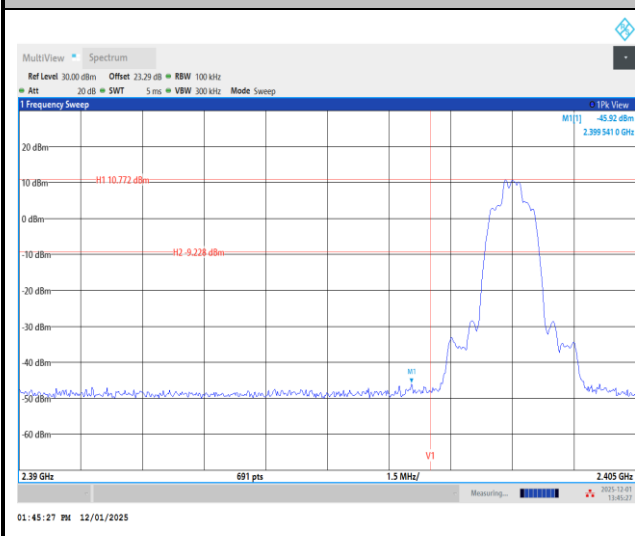
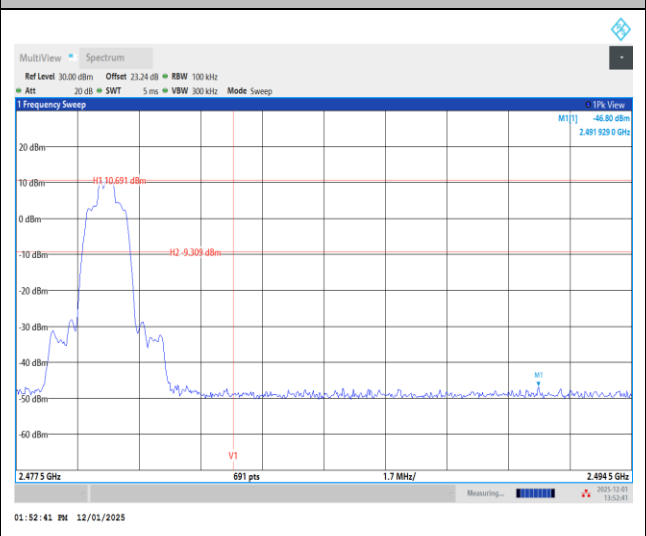
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**Band Edges**

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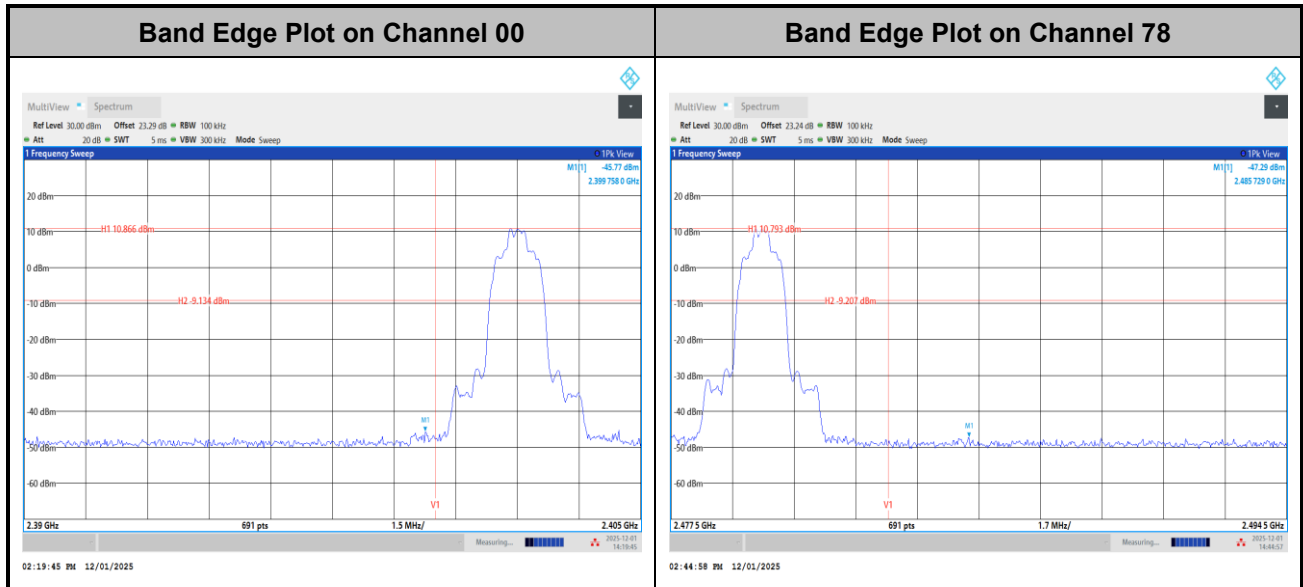
Band Edge Plot on Channel 00**Band Edge Plot on Channel 78**

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Band Edge Plot on Channel 00**Band Edge Plot on Channel 78**

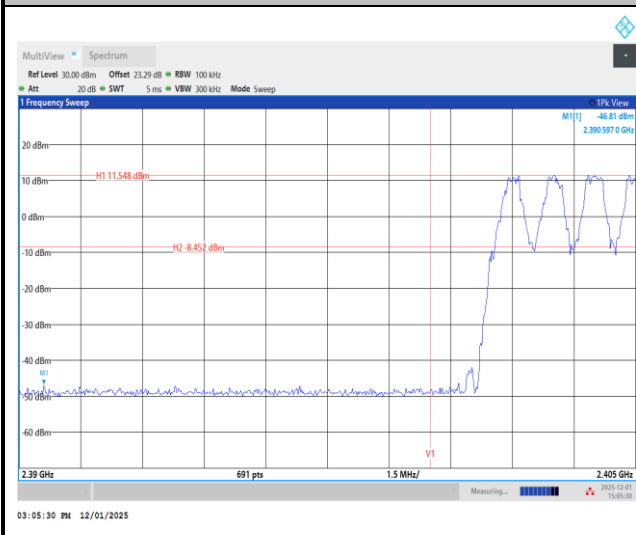
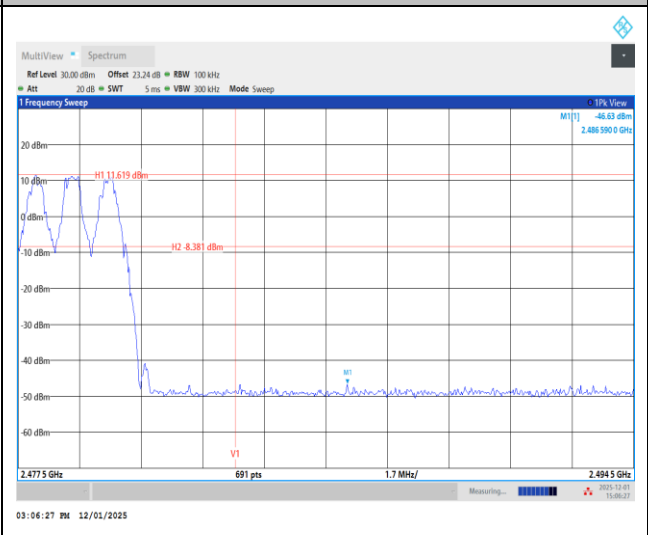


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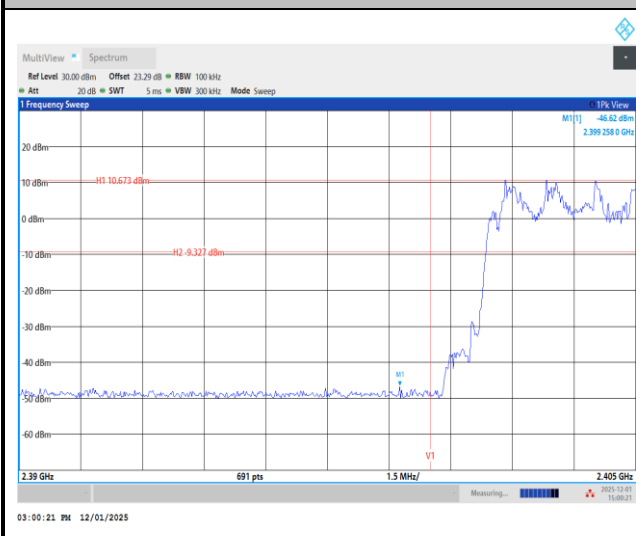
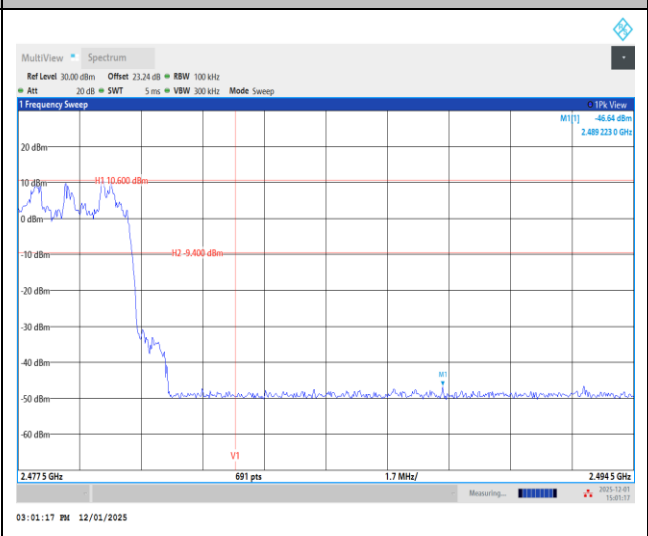


**Hopping Mode Band Edges**

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Hopping Mode Band Edge Plot on Channel 00**Hopping Mode Band Edge Plot on Channel 78**

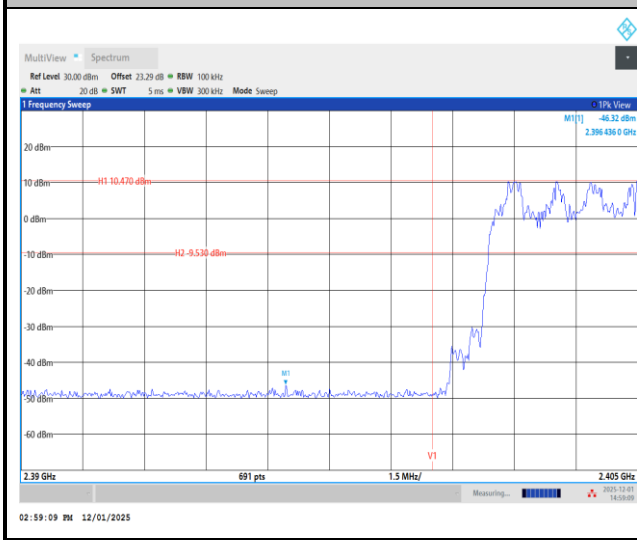
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Hopping Mode Band Edge Plot on Channel 00**Hopping Mode Band Edge Plot on Channel 78**

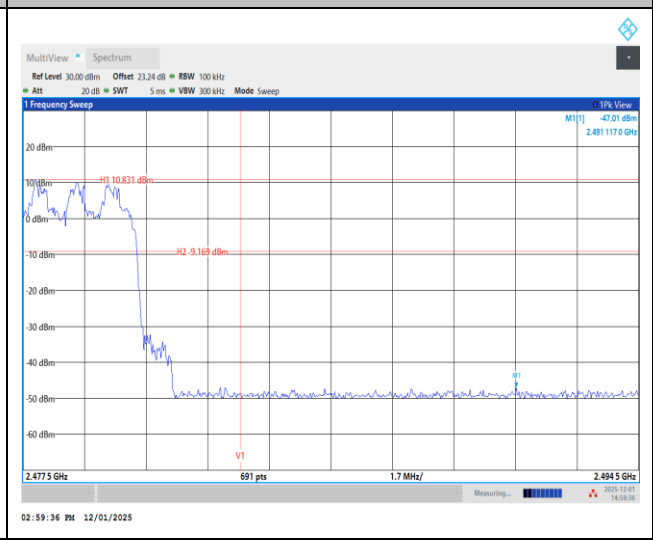


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Hopping Mode Band Edge Plot on Channel 00

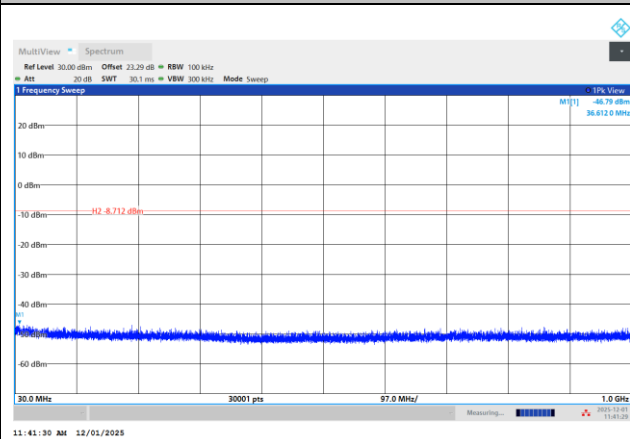
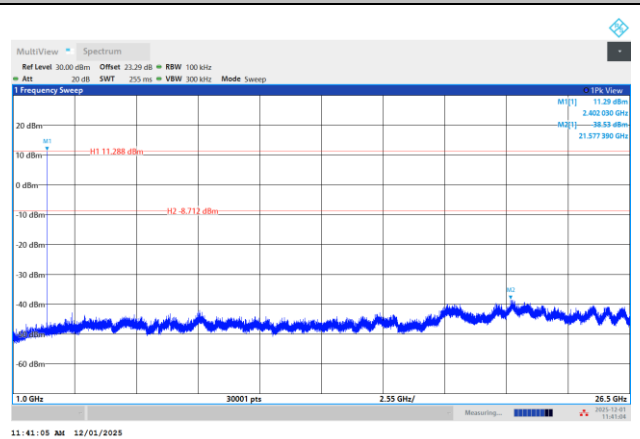
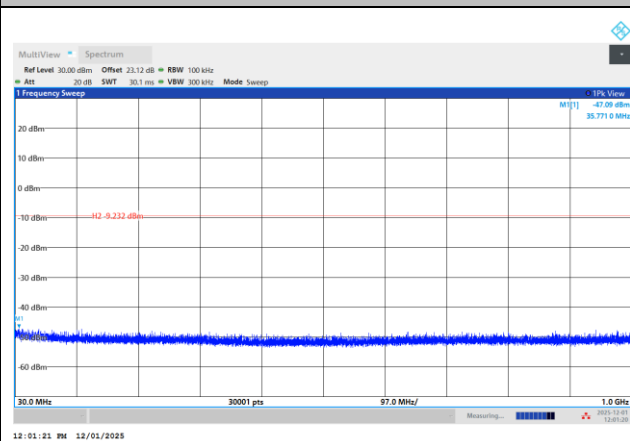
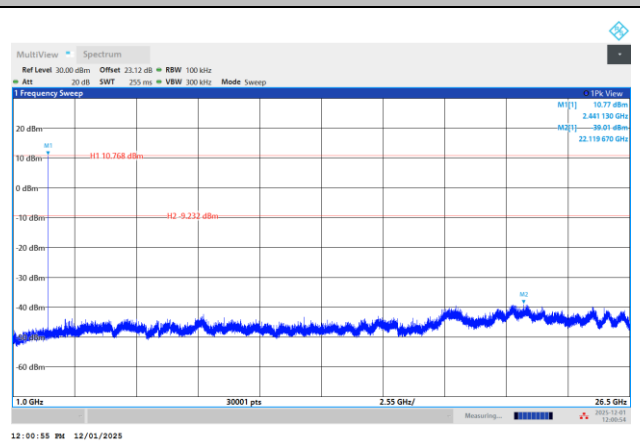
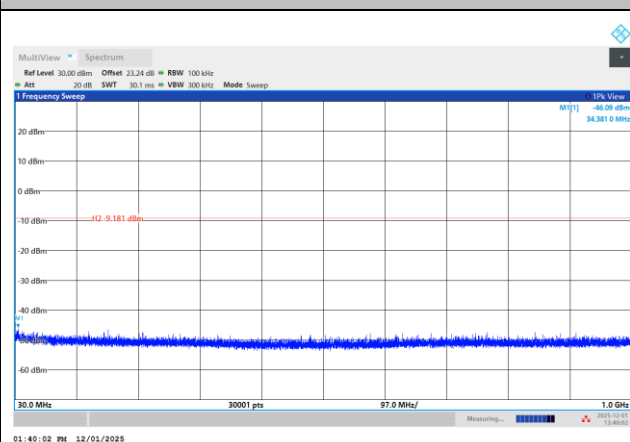
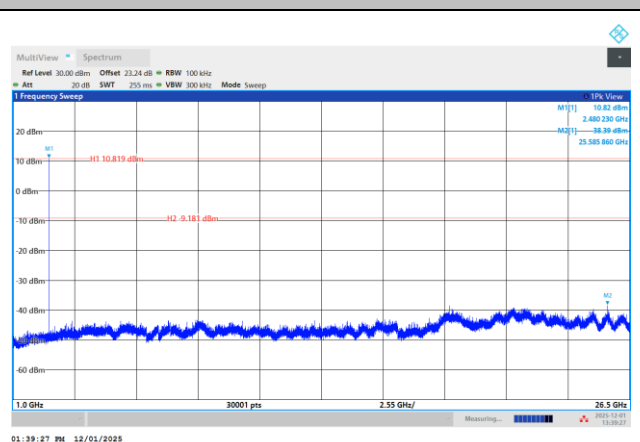


Hopping Mode Band Edge Plot on Channel 78



**Conducted Spurious Emission**

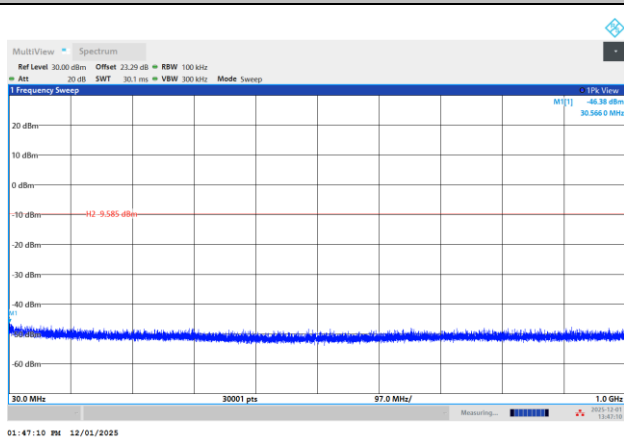
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CSE Plot on Low Ch between 30MHz ~ 1 GHz**CSE Plot on Low Ch between 1GHz ~ 26.5GHz****CSE Plot on Mid. Ch between 30MHz ~ 1 GHz****CSE Plot on Mid. Ch between 1GHz ~ 26.5GHz****CSE Plot on High Ch between 30MHz ~ 1 GHz****CSE Plot on High Ch between 1GHz ~ 26.5GHz**

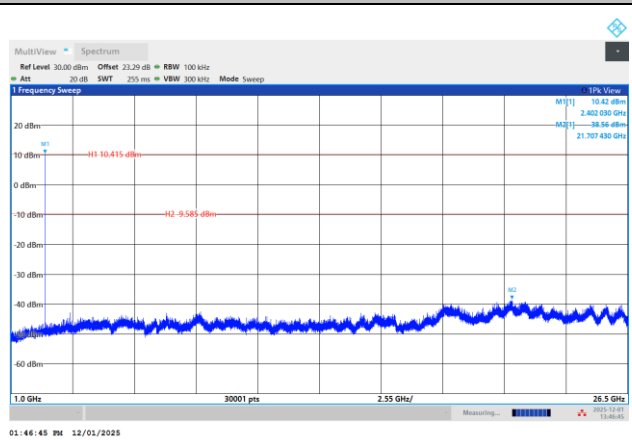


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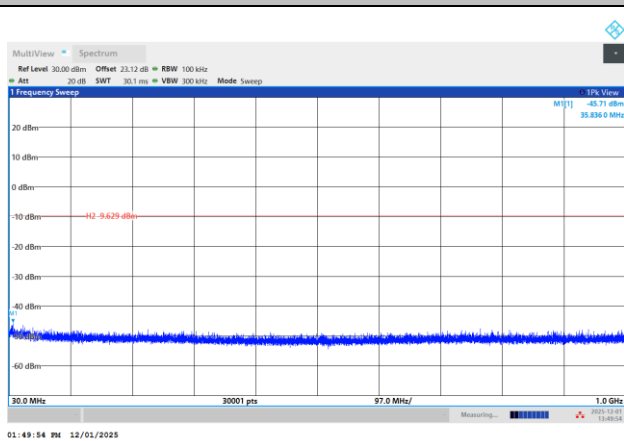
CSE Plot on Low Ch between 30MHz ~ 1 GHz



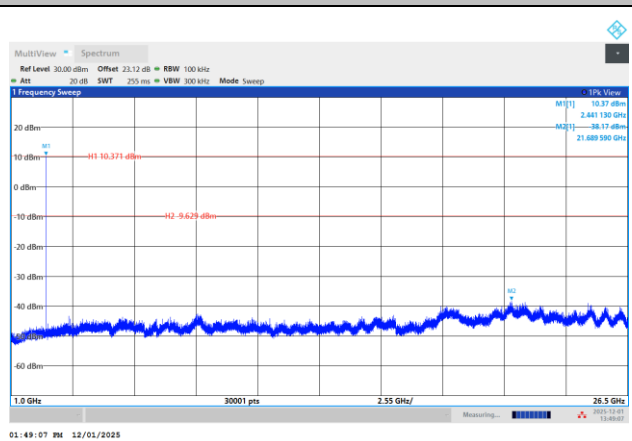
CSE Plot on Low Ch between 1GHz ~ 26.5GHz



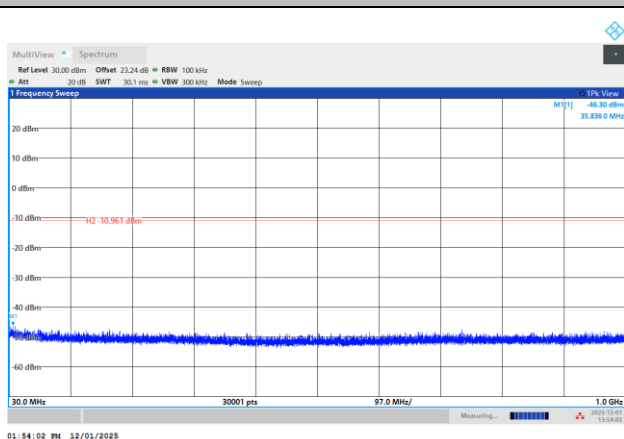
CSE Plot on Mid. Ch between 30MHz ~ 1 GHz



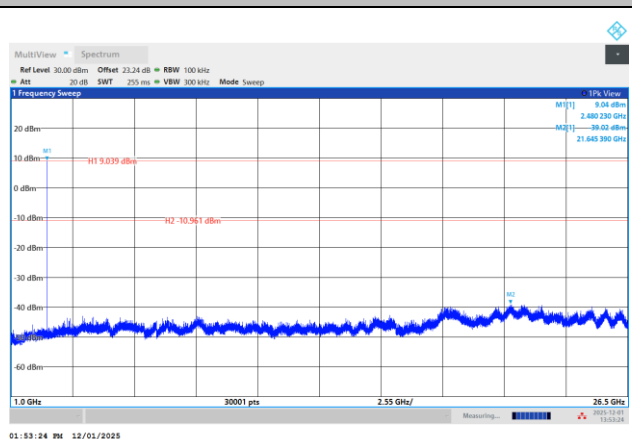
CSE Plot on Mid. Ch between 1GHz ~ 26.5GHz



CSE Plot on High Ch between 30MHz ~ 1 GHz



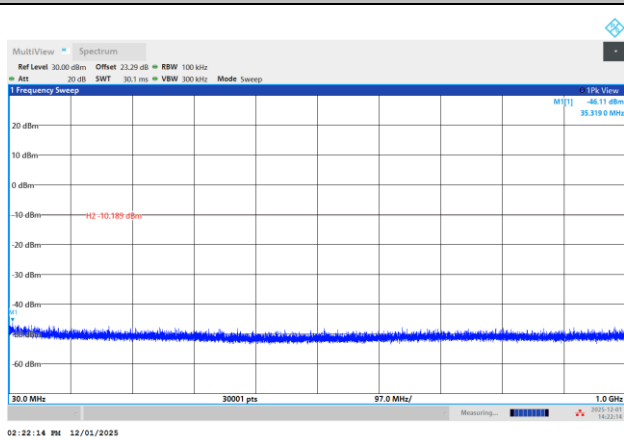
CSE Plot on High Ch between 1GHz ~ 26.5GHz



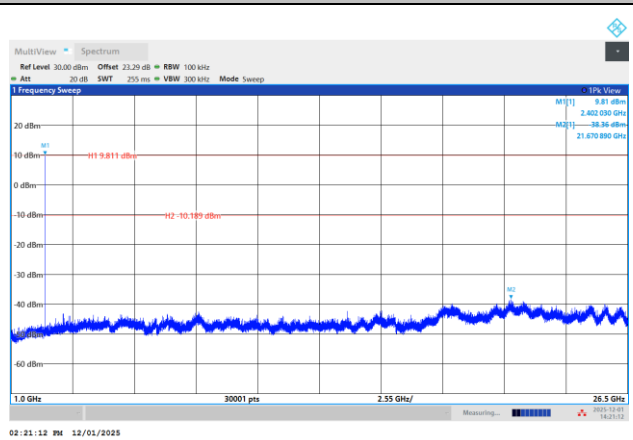


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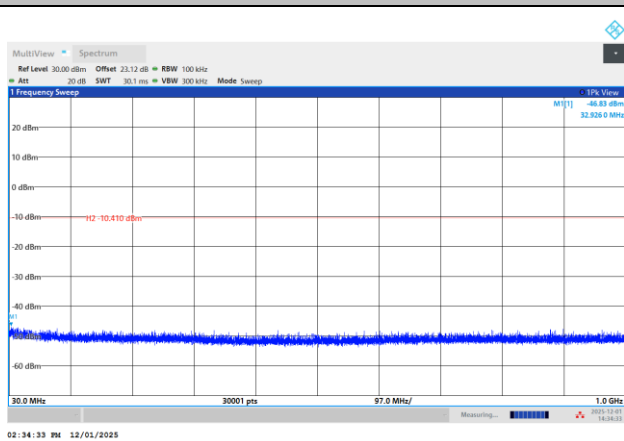
CSE Plot on Low Ch between 30MHz ~ 1 GHz



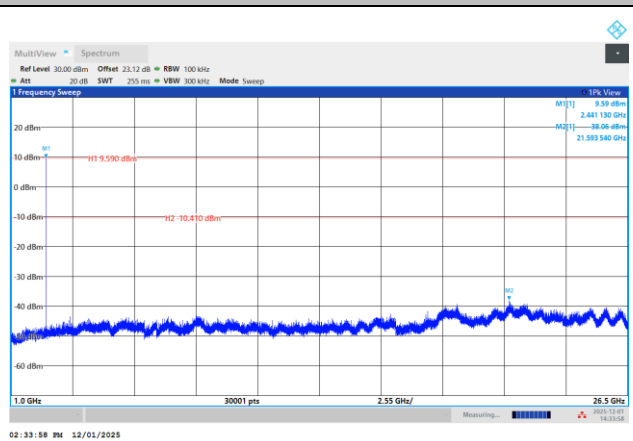
CSE Plot on Low Ch between 1GHz ~ 26.5GHz



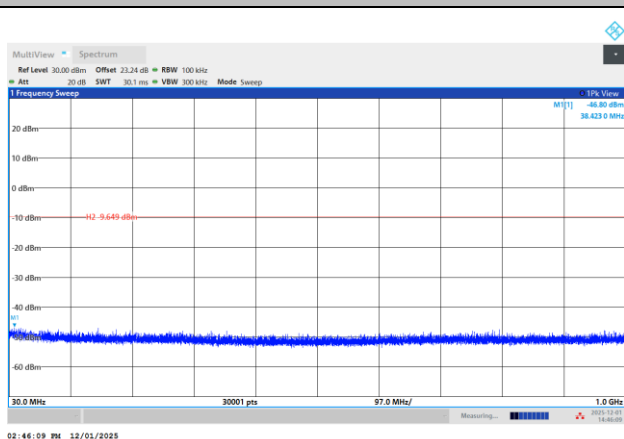
CSE Plot on Mid. Ch between 30MHz ~ 1 GHz



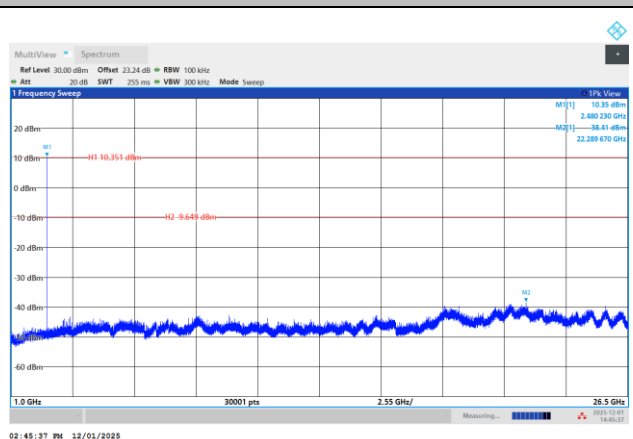
CSE Plot on Mid. Ch between 1GHz ~ 26.5GHz



CSE Plot on High Ch between 30MHz ~ 1 GHz



CSE Plot on High Ch between 1GHz ~ 26.5GHz





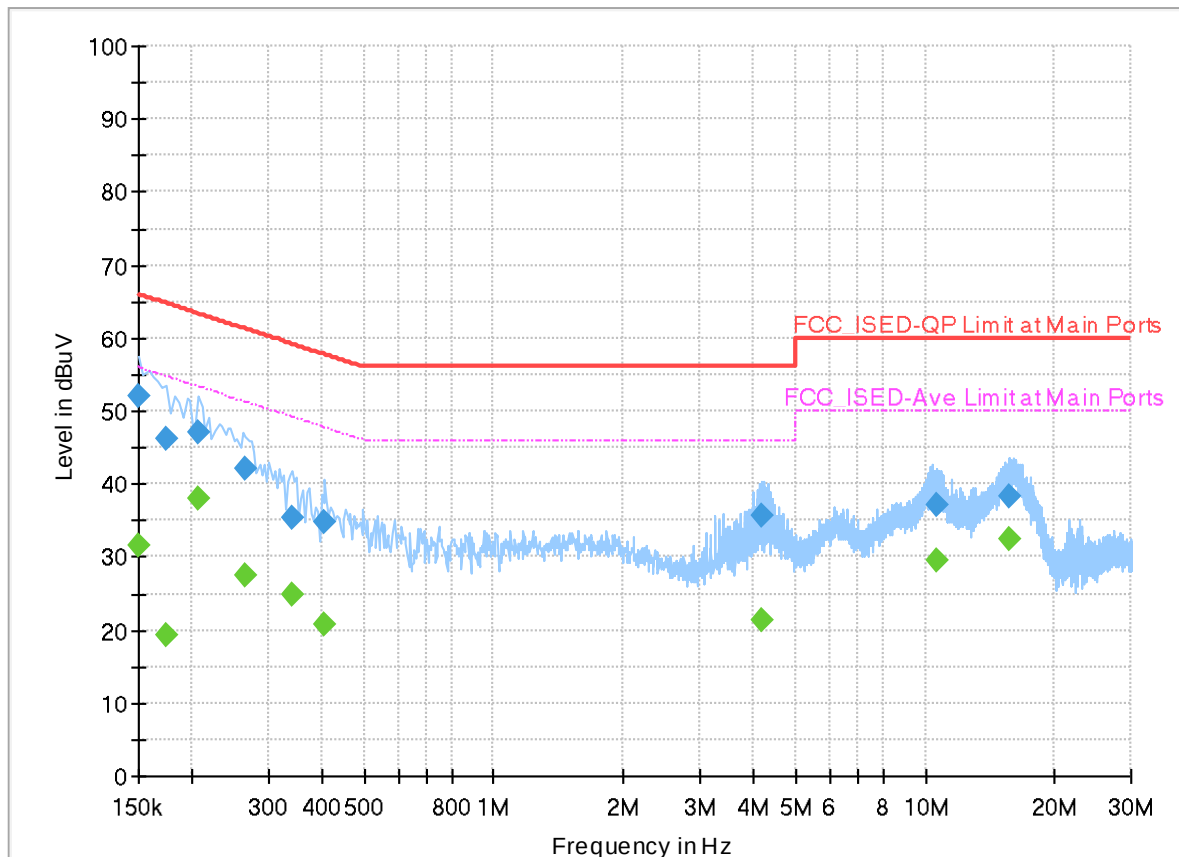
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Louis Chung	Temperature :	22.1~23.7°C
		Relative Humidity :	45.6~48.9%

EUT Information

Report NO : 5N0519
Test Mode : Mode 2
Test Voltage : 120Vac/60Hz
Phase : Line

Full Spectrum



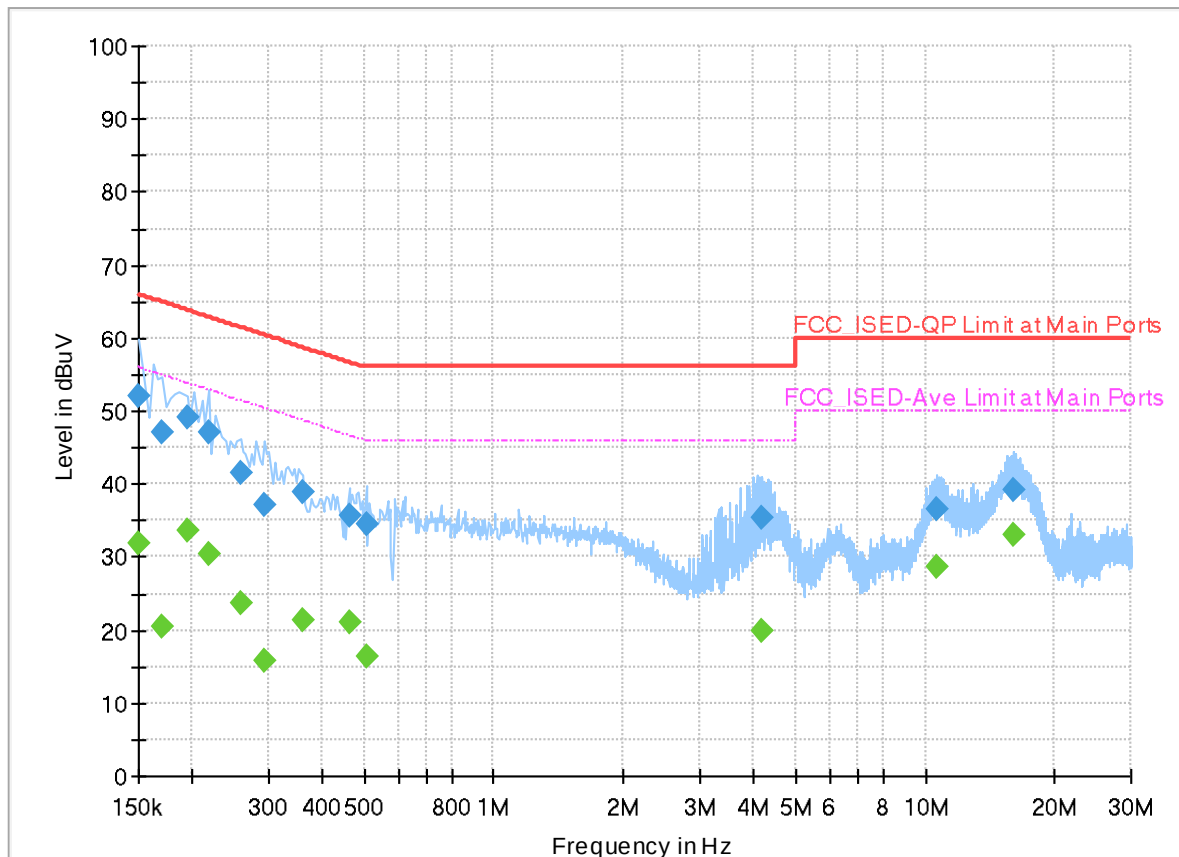
Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	31.61	56.00	24.39	L1	OFF	20.0
0.150000	52.16	---	66.00	13.84	L1	OFF	20.0
0.174000	---	19.41	54.77	35.36	L1	OFF	20.0
0.174000	46.24	---	64.77	18.53	L1	OFF	20.0
0.206000	---	37.89	53.37	15.48	L1	OFF	20.0
0.206000	47.18	---	63.37	16.19	L1	OFF	20.0
0.266000	---	27.43	51.24	23.81	L1	OFF	20.0
0.266000	42.19	---	61.24	19.05	L1	OFF	20.0
0.342000	---	24.91	49.16	24.25	L1	OFF	20.0
0.342000	35.35	---	59.16	23.81	L1	OFF	20.0
0.406000	---	20.82	47.73	26.91	L1	OFF	20.0
0.406000	34.66	---	57.73	23.07	L1	OFF	20.0
4.182000	---	21.34	46.00	24.66	L1	OFF	20.0
4.182000	35.63	---	56.00	20.37	L1	OFF	20.0
10.666000	---	29.56	50.00	20.44	L1	OFF	20.1
10.666000	37.26	---	60.00	22.74	L1	OFF	20.1
15.746000	---	32.38	50.00	17.62	L1	OFF	20.2
15.746000	38.38	---	60.00	21.62	L1	OFF	20.2

EUT Information

Report NO : 5N0519
Test Mode : Mode 2
Test Voltage : 120Vac/60Hz
Phase : Neutral

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150000	---	31.76	56.00	24.24	N	OFF	20.0
0.150000	52.18	---	66.00	13.82	N	OFF	20.0
0.170000	---	20.57	54.96	34.39	N	OFF	20.0
0.170000	46.99	---	64.96	17.97	N	OFF	20.0
0.194000	---	33.65	53.86	20.21	N	OFF	20.0
0.194000	49.18	---	63.86	14.68	N	OFF	20.0
0.218000	---	30.47	52.90	22.43	N	OFF	20.0
0.218000	46.95	---	62.90	15.95	N	OFF	20.0
0.258000	---	23.56	51.50	27.94	N	OFF	20.0
0.258000	41.39	---	61.50	20.11	N	OFF	20.0
0.294000	---	15.73	50.41	34.68	N	OFF	20.0
0.294000	37.10	---	60.41	23.31	N	OFF	20.0
0.362000	---	21.30	48.68	27.38	N	OFF	20.0
0.362000	38.90	---	58.68	19.78	N	OFF	20.0
0.462000	---	21.18	46.66	25.48	N	OFF	19.9
0.462000	35.63	---	56.66	21.03	N	OFF	19.9
0.506000	---	16.28	46.00	29.72	N	OFF	20.0
0.506000	34.39	---	56.00	21.61	N	OFF	20.0
4.190000	---	19.80	46.00	26.20	N	OFF	20.0

4.190000	35.42	---	56.00	20.58	N	OFF	20.0
10.586000	---	28.57	50.00	21.43	N	OFF	20.1
10.586000	36.51	---	60.00	23.49	N	OFF	20.1
16.114000	---	33.07	50.00	16.93	N	OFF	20.2
16.114000	39.12	---	60.00	20.88	N	OFF	20.2



Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	Leo Li, Karl Hou, and Lucifer Jiang.	Temperature :	19~23°C
		Relative Humidity :	60~64.5%

Note symbol

-L	Low channel location
-R	High channel location

C1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	2400-2483.5	2	Bluetooth BR_GFSK	0	2402	1Mbps	-	-
Mode 2	2400-2483.5	2	Bluetooth BR_GFSK	39	2440	1Mbps	-	-
Mode 3	2400-2483.5	2	Bluetooth BR_GFSK	78	2480	1Mbps	-	-
Mode 4	2400-2483.5	2	Bluetooth BR_GFSK	0	2402	3Mbps	-	-
Mode 5	2400-2483.5	2	Bluetooth BR_GFSK	39	2440	3Mbps	-	-
Mode 6	2400-2483.5	2	Bluetooth BR_GFSK	78	2480	3Mbps	-	-
Mode 7	2400-2483.5	2	Bluetooth BR_GFSK	39	2440	3Mbps	-	LF
Mode 8	2400-2483.5	2	Bluetooth BR_GFSK	39	2440	3Mbps	-	SHF



C2. Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	Bluetooth BR_GFSK	0	2388.20	44.79	74.00	-29.21	V	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	0	4804.00	47.44	74.00	-26.56	V	Peak	Pass	-	Harmonic
2	Bluetooth BR_GFSK	39	2498.23	44.37	74.00	-29.63	H	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	39	7320.00	50.08	74.00	-23.92	H	Peak	Pass	-	Harmonic
3	Bluetooth BR_GFSK	78	2483.54	48.10	74.00	-25.90	V	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	78	7440.00	49.70	74.00	-24.30	H	Peak	Pass	-	Harmonic
4	Bluetooth BR_GFSK	0	2389.58	45.84	74.00	-28.16	V	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	0	4804.00	46.88	74.00	-27.12	H	Peak	Pass	-	Harmonic
5	Bluetooth BR_GFSK	39	2489.73	44.48	74.00	-29.52	V	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	39	7320.00	50.12	74.00	-23.88	H	Peak	Pass	-	Harmonic
6	Bluetooth BR_GFSK	78	2483.52	48.83	74.00	-25.17	V	Peak	Pass	-	Band Edge
	Bluetooth BR_GFSK	78	7440.00	49.96	74.00	-24.04	H	Peak	Pass	-	Harmonic
7	LF	39	740.04	39.24	46.00	-6.76	H	Peak	Pass	-	LF
8	SHF	39	18874.88	39.67	74.00	-34.33	V	Peak	Pass	-	SHF

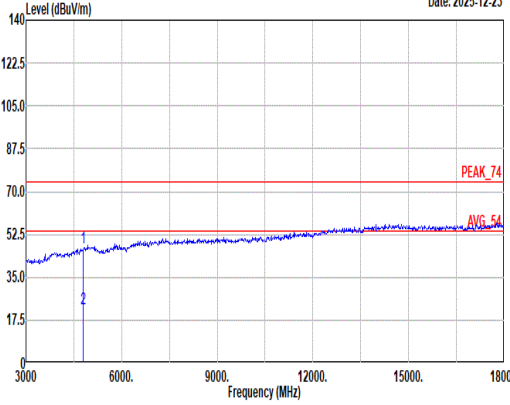
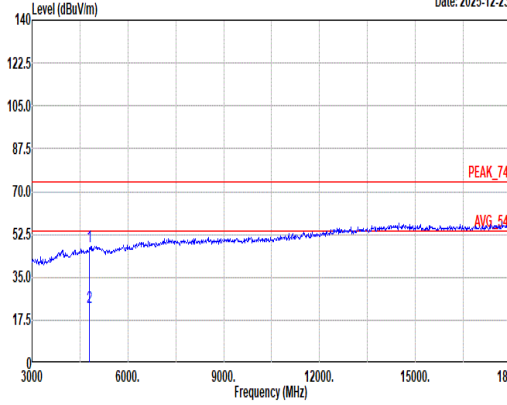


Mode	1																																																																																																															
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	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz																																																																																																															
ANT	2																																																																																																															
Pol.	Horizontal	Fundamental																																																																																																														
Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2351.95</td><td>43.90</td><td>74.00</td><td>-30.10</td><td>38.63</td><td>27.00</td><td>7.06</td><td>31.82</td><td>3.03</td><td>300</td><td>224 Peak</td></tr><tr><td>2</td><td>2351.95</td><td>19.11</td><td>54.00</td><td>-34.89</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>		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	cm	deg	1	2351.95	43.90	74.00	-30.10	38.63	27.00	7.06	31.82	3.03	300	224 Peak	2	2351.95	19.11	54.00	-34.89	--	--	--	--	--	--	-- Average	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>102.15</td><td>-----</td><td>-----</td><td>96.93</td><td>26.90</td><td>7.12</td><td>31.84</td><td>3.04</td><td>300</td><td>224 Peak</td></tr><tr><td>2</td><td>2402.00</td><td>77.36</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>		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	cm	deg	1	2402.00	102.15	-----	-----	96.93	26.90	7.12	31.84	3.04	300	224 Peak	2	2402.00	77.36	-----	-----	--	--	--	--	--	--	-- Average
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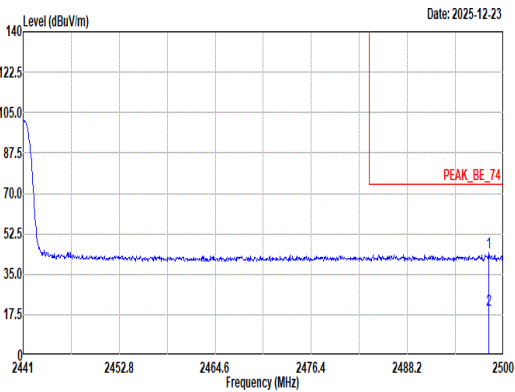
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Mode	1	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



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ANT	2																																																					
Pol.	Horizontal					Fundamental																																																
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Pol.	Vertical	Fundamental																																																																																																														
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Mode

ANT

Pol.

Peak

2

Band Edge - R

2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz

2

Vertical

Level (dBuV/m)

Date: 2025-12-23

PEAK_BE_74

Frequency (MHz)

Site : 03CH23-HY
Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EH_250702 VERTICAL
: RBW:1000.000kHz VBW:3000.000kHz SMT: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 2499.88	44.30	74.00	-29.70	38.95	26.90	7.29	31.89	3.05	333 197 Peak
2 2499.88	19.51	54.00	-34.49	--	--	--	--	--	-- Average

Fundamental

Blank



Mode	2																																																																																																																																																															
	Harmonic																																																																																																																																																															
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Peak Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4880.00</td><td>47.36</td><td>74.00</td><td>-26.64</td><td>34.75</td><td>32.62</td><td>10.57</td><td>32.29</td><td>1.71</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4880.00</td><td>22.57</td><td>54.00</td><td>-31.43</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>7320.00</td><td>50.00</td><td>74.00</td><td>-23.92</td><td>33.76</td><td>37.28</td><td>12.79</td><td>35.68</td><td>1.93</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>7320.00</td><td>25.29</td><td>54.00</td><td>-28.71</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4880.00	47.36	74.00	-26.64	34.75	32.62	10.57	32.29	1.71	--	Peak	2	4880.00	22.57	54.00	-31.43	--	--	--	--	--	--	Average	3	7320.00	50.00	74.00	-23.92	33.76	37.28	12.79	35.68	1.93	--	Peak	4	7320.00	25.29	54.00	-28.71	--	--	--	--	--	--	Average	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4880.00</td><td>47.05</td><td>74.00</td><td>-26.95</td><td>34.44</td><td>32.62</td><td>10.57</td><td>32.29</td><td>1.71</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4880.00</td><td>22.26</td><td>54.00</td><td>-31.74</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>7320.00</td><td>49.50</td><td>74.00</td><td>-24.50</td><td>33.18</td><td>37.28</td><td>12.79</td><td>35.68</td><td>1.93</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>7320.00</td><td>24.71</td><td>54.00</td><td>-29.29</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4880.00	47.05	74.00	-26.95	34.44	32.62	10.57	32.29	1.71	--	Peak	2	4880.00	22.26	54.00	-31.74	--	--	--	--	--	--	Average	3	7320.00	49.50	74.00	-24.50	33.18	37.28	12.79	35.68	1.93	--	Peak	4	7320.00	24.71	54.00	-29.29	--	--	--	--	--	--	Average
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4	7320.00	24.71	54.00	-29.29	--	--	--	--	--	--	Average																																																																																																																																																					



Mode	2	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																	
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	Band Edge																																																																																																															
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Mode	3																																																																																																																																																													
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Pol.	Horizontal					Vertical																																																																																																																																																								
Peak Avg	Level (dBuV/m) Date: 2025-12-23 Frequency (MHz) Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>4960.00</td><td>47.53</td><td>74.00</td><td>-26.47</td><td>34.52</td><td>32.92</td><td>10.62</td><td>32.24</td><td>1.71</td><td>-- Peak</td></tr><tr><td>2</td><td>4960.00</td><td>22.74</td><td>54.00</td><td>-31.26</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr><tr><td>3</td><td>7440.00</td><td>49.70</td><td>74.00</td><td>-24.30</td><td>33.50</td><td>37.14</td><td>12.90</td><td>35.78</td><td>1.94</td><td>-- Peak</td></tr><tr><td>4</td><td>7440.00</td><td>24.91</td><td>54.00</td><td>-29.09</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>						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	cm	1	4960.00	47.53	74.00	-26.47	34.52	32.92	10.62	32.24	1.71	-- Peak	2	4960.00	22.74	54.00	-31.26	--	--	--	--	--	-- Average	3	7440.00	49.70	74.00	-24.30	33.50	37.14	12.90	35.78	1.94	-- Peak	4	7440.00	24.91	54.00	-29.09	--	--	--	--	--	-- Average	Level (dBuV/m) Date: 2025-12-23 Frequency (MHz) Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>4960.00</td><td>47.39</td><td>74.00</td><td>-26.61</td><td>34.38</td><td>32.92</td><td>10.62</td><td>32.24</td><td>1.71</td><td>-- Peak</td></tr><tr><td>2</td><td>4960.00</td><td>22.60</td><td>54.00</td><td>-31.40</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr><tr><td>3</td><td>7440.00</td><td>49.31</td><td>74.00</td><td>-24.69</td><td>33.11</td><td>37.14</td><td>12.90</td><td>35.78</td><td>1.94</td><td>-- Peak</td></tr><tr><td>4</td><td>7440.00</td><td>24.52</td><td>54.00</td><td>-29.48</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>						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	cm	1	4960.00	47.39	74.00	-26.61	34.38	32.92	10.62	32.24	1.71	-- Peak	2	4960.00	22.60	54.00	-31.40	--	--	--	--	--	-- Average	3	7440.00	49.31	74.00	-24.69	33.11	37.14	12.90	35.78	1.94	-- Peak	4	7440.00	24.52	54.00	-29.48	--	--	--	--	--	-- Average
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4	7440.00	24.52	54.00	-29.48	--	--	--	--	--	-- Average																																																																																																																																																				



Mode	3	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



Mode	4											
	Band Edge											
	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz											
ANT	2											
Pol.	Horizontal						Fundamental					
Peak												



Mode	4																																																																																																																			
	Band Edge																																																																																																																			
	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz																																																																																																																			
ANT	2																																																																																																																			
Pol.	Vertical	Fundamental																																																																																																																		
Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2389.58</td><td>45.84</td><td>74.00</td><td>-28.16</td><td>40.73</td><td>26.00</td><td>7.11</td><td>31.84</td><td>3.04</td><td>319</td><td>166</td><td>Peak</td></tr><tr><td>2</td><td>2389.58</td><td>21.05</td><td>54.00</td><td>-32.95</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>AVERAGE</td></tr></table>		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	cm	deg	1	2389.58	45.84	74.00	-28.16	40.73	26.00	7.11	31.84	3.04	319	166	Peak	2	2389.58	21.05	54.00	-32.95	--	--	--	--	--	--	--	AVERAGE	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>111.31</td><td>-----</td><td>-----</td><td>106.09</td><td>26.90</td><td>7.12</td><td>31.84</td><td>3.04</td><td>319</td><td>166</td><td>Peak</td></tr><tr><td>2</td><td>2402.00</td><td>86.52</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>		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	cm	deg	1	2402.00	111.31	-----	-----	106.09	26.90	7.12	31.84	3.04	319	166	Peak	2	2402.00	86.52	-----	-----	--	--	--	--	--	--	--	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																												
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																											
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Mode	4																																																																																																																			
	Harmonic																																																																																																																			
	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz																																																																																																																			
ANT	2																																																																																																																			
Pol.	Horizontal						Vertical																																																																																																													
Peak Avg	Level (dBuV/m) Date: 2025-12-23 PEAK_74 Avg_54 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4804.00</td><td>46.88</td><td>74.00</td><td>-27.12</td><td>34.58</td><td>32.41</td><td>10.51</td><td>32.33</td><td>1.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4804.00</td><td>22.09</td><td>54.00</td><td>-31.91</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	4804.00	46.88	74.00	-27.12	34.58	32.41	10.51	32.33	1.71	--	--	Peak	2	4804.00	22.09	54.00	-31.91	--	--	--	--	--	--	--	Average	Level (dBuV/m) Date: 2025-12-23 PEAK_74 Avg_54 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>4804.00</td><td>46.28</td><td>74.00</td><td>-27.72</td><td>33.98</td><td>32.41</td><td>10.51</td><td>32.33</td><td>1.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4804.00</td><td>21.49</td><td>54.00</td><td>-32.51</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	4804.00	46.28	74.00	-27.72	33.98	32.41	10.51	32.33	1.71	--	--	Peak	2	4804.00	21.49	54.00	-32.51	--	--	--	--	--	--	--	Average
		Freq	Level	Limit	Line Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																							
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Mode	4	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH0_2402MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



Mode	5																																																																																																																								
	Band Edge - L																																																																																																																								
	2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz																																																																																																																								
ANT	2																																																																																																																								
Pol.	Horizontal						Fundamental																																																																																																																		
Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2360.30</td><td>43.43</td><td>74.00</td><td>-30.57</td><td>38.15</td><td>27.00</td><td>7.07</td><td>31.82</td><td>3.03</td><td>300</td><td>212 Peak</td></tr><tr><td>2</td><td>2360.30</td><td>18.64</td><td>54.00</td><td>-35.36</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>							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	cm	deg	1	2360.30	43.43	74.00	-30.57	38.15	27.00	7.07	31.82	3.03	300	212 Peak	2	2360.30	18.64	54.00	-35.36	--	--	--	--	--	--	-- Average	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2440.00</td><td>101.70</td><td>-----</td><td>-----</td><td>96.50</td><td>26.82</td><td>7.19</td><td>31.86</td><td>3.05</td><td>300</td><td>212 Peak</td></tr><tr><td>2</td><td>2440.00</td><td>76.91</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>						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	cm	deg	1	2440.00	101.70	-----	-----	96.50	26.82	7.19	31.86	3.05	300	212 Peak	2	2440.00	76.91	-----	-----	--	--	--	--	--	--	-- Average
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Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																																
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1	2440.00	101.70	-----	-----	96.50	26.82	7.19	31.86	3.05	300	212 Peak																																																																																																														
2	2440.00	76.91	-----	-----	--	--	--	--	--	--	-- Average																																																																																																														

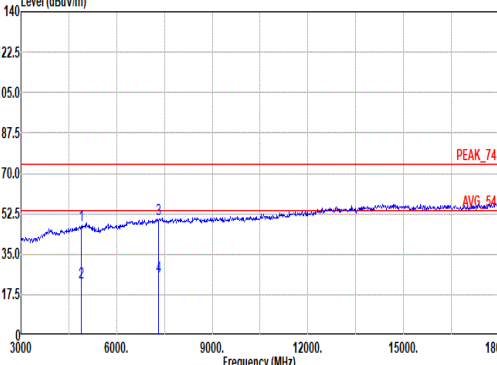
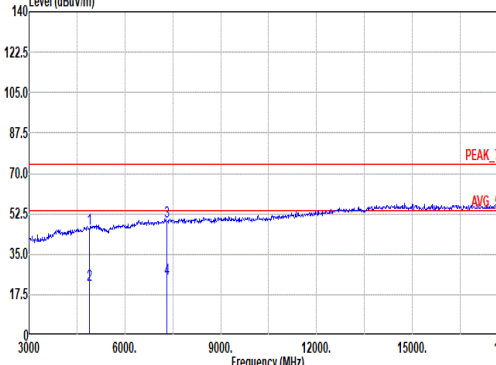


Mode	5																																																								
	Band Edge - R																																																								
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ANT	2																																																								
Pol.	Horizontal	Fundamental																																																							
Peak	Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2492.15</td><td>43.88</td><td>74.00</td><td>-30.12</td><td>38.54</td><td>26.90</td><td>7.28</td><td>31.89</td><td>3.05</td><td>300</td><td>212 Peak</td></tr><tr><td>2</td><td>2492.15</td><td>19.09</td><td>54.00</td><td>-34.91</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>-- Average</td></tr></table>		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	cm	deg	1	2492.15	43.88	74.00	-30.12	38.54	26.90	7.28	31.89	3.05	300	212 Peak	2	2492.15	19.09	54.00	-34.91	--	--	--	--	--	--	-- Average	Blank
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																	
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Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2310.26</td><td>43.57</td><td>74.00</td><td>-30.43</td><td>38.14</td><td>27.20</td><td>7.02</td><td>31.80</td><td>3.01</td><td>332</td><td>190</td><td>Peak</td></tr><tr><td>2</td><td>2310.26</td><td>18.78</td><td>54.00</td><td>-35.22</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							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	cm	deg	1	2310.26	43.57	74.00	-30.43	38.14	27.20	7.02	31.80	3.01	332	190	Peak	2	2310.26	18.78	54.00	-35.22	--	--	--	--	--	--	--	Average	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2440.00</td><td>109.66</td><td>-----</td><td>-----</td><td>104.46</td><td>26.82</td><td>7.19</td><td>31.86</td><td>3.05</td><td>332</td><td>190</td><td>Peak</td></tr><tr><td>2</td><td>2440.00</td><td>84.87</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							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	cm	deg	1	2440.00	109.66	-----	-----	104.46	26.82	7.19	31.86	3.05	332	190	Peak	2	2440.00	84.87	-----	-----	--	--	--	--	--	--	--	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																						
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Peak Avg	Level (dBuV/m) Date: 2025-12-23  Frequency (MHz) Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4880.00</td><td>47.37</td><td>74.00</td><td>-26.63</td><td>34.76</td><td>32.62</td><td>10.57</td><td>32.29</td><td>1.71</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4880.00</td><td>22.58</td><td>54.00</td><td>-31.42</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>7320.00</td><td>50.12</td><td>74.00</td><td>-23.88</td><td>33.00</td><td>37.28</td><td>12.79</td><td>35.68</td><td>1.93</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>7320.00</td><td>25.33</td><td>54.00</td><td>-28.67</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4880.00	47.37	74.00	-26.63	34.76	32.62	10.57	32.29	1.71	--	Peak	2	4880.00	22.58	54.00	-31.42	--	--	--	--	--	--	Average	3	7320.00	50.12	74.00	-23.88	33.00	37.28	12.79	35.68	1.93	--	Peak	4	7320.00	25.33	54.00	-28.67	--	--	--	--	--	--	Average	Level (dBuV/m) Date: 2025-12-23  Frequency (MHz) Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4880.00</td><td>46.19</td><td>74.00</td><td>-27.81</td><td>33.58</td><td>32.62</td><td>10.57</td><td>32.29</td><td>1.71</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>4880.00</td><td>21.40</td><td>54.00</td><td>-32.60</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>7320.00</td><td>49.27</td><td>74.00</td><td>-24.73</td><td>32.95</td><td>37.28</td><td>12.79</td><td>35.68</td><td>1.93</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>7320.00</td><td>24.48</td><td>54.00</td><td>-29.52</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4880.00	46.19	74.00	-27.81	33.58	32.62	10.57	32.29	1.71	--	Peak	2	4880.00	21.40	54.00	-32.60	--	--	--	--	--	--	Average	3	7320.00	49.27	74.00	-24.73	32.95	37.28	12.79	35.68	1.93	--	Peak	4	7320.00	24.48	54.00	-29.52	--	--	--	--	--	--	Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																															
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1	4880.00	47.37	74.00	-26.63	34.76	32.62	10.57	32.29	1.71	--	Peak																																																																																																																																																														
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4	7320.00	24.48	54.00	-29.52	--	--	--	--	--	--	Average																																																																																																																																																														



Mode	5	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



Mode	6																																																																																																															
	Band Edge																																																																																																															
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Pol.	Horizontal	Fundamental																																																																																																														
Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.74</td><td>44.89</td><td>74.00</td><td>-29.11</td><td>39.62</td><td>26.84</td><td>7.26</td><td>31.88</td><td>3.05</td><td>324</td><td>212 Peak</td></tr><tr><td>2</td><td>2483.74</td><td>20.10</td><td>54.00</td><td>-33.90</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>AVERAGE</td></tr></table>		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	cm	deg	1	2483.74	44.89	74.00	-29.11	39.62	26.84	7.26	31.88	3.05	324	212 Peak	2	2483.74	20.10	54.00	-33.90	--	--	--	--	--	--	AVERAGE	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>101.28</td><td>-----</td><td>-----</td><td>96.05</td><td>26.80</td><td>7.26</td><td>31.88</td><td>3.05</td><td>324</td><td>212 Peak</td></tr><tr><td>2</td><td>2480.00</td><td>76.49</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>		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	cm	deg	1	2480.00	101.28	-----	-----	96.05	26.80	7.26	31.88	3.05	324	212 Peak	2	2480.00	76.49	-----	-----	--	--	--	--	--	--	Average
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Mode	6																																																																																																																													
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	2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz																																																																																																																													
ANT	2																																																																																																																													
Pol.	Vertical						Fundamental																																																																																																																							
Peak	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.52</td><td>48.83</td><td>74.00</td><td>-25.17</td><td>43.56</td><td>26.84</td><td>7.26</td><td>31.88</td><td>3.05</td><td>319</td><td>196</td><td>Peak</td></tr><tr><td>2</td><td>2483.52</td><td>24.04</td><td>54.00</td><td>-29.96</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>AVERAGE</td></tr></table>							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	cm	deg	1	2483.52	48.83	74.00	-25.17	43.56	26.84	7.26	31.88	3.05	319	196	Peak	2	2483.52	24.04	54.00	-29.96	--	--	--	--	--	--	--	AVERAGE	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2480.00</td><td>109.38</td><td>-----</td><td>-----</td><td>104.15</td><td>26.80</td><td>7.26</td><td>31.88</td><td>3.05</td><td>319</td><td>196</td><td>Peak</td></tr><tr><td>2</td><td>2480.00</td><td>84.59</td><td>-----</td><td>-----</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td><td>Average</td></tr></table>							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	cm	deg	1	2480.00	109.38	-----	-----	104.15	26.80	7.26	31.88	3.05	319	196	Peak	2	2480.00	84.59	-----	-----	--	--	--	--	--	--	--	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																						
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2	2480.00	84.59	-----	-----	--	--	--	--	--	--	--	Average																																																																																																																		

[illegible]



Mode	6	
	Harmonic	
	2400-2483.5_Bluetooth BR_GFSK_CH78_2480MHz	
ANT	2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL	Level (dBuV/m) Date: 2025-12-23 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL



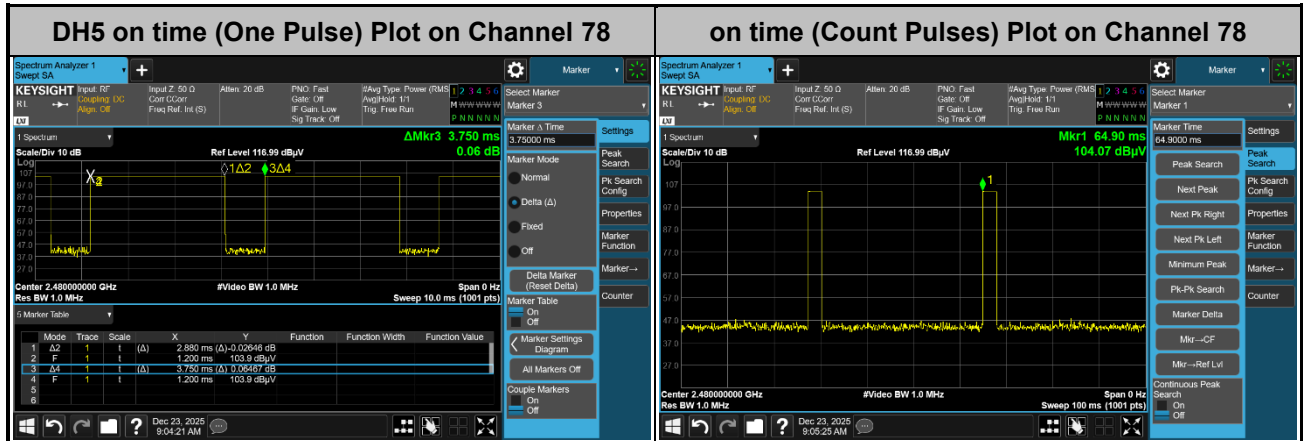
Mode	7																																																																																																																																																																																																															
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	2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz																																																																																																																																																																																																															
ANT	2																																																																																																																																																																																																															
Pol.	Horizontal	Vertical																																																																																																																																																																																																														
QPI Peak	Level (dBuV/m) Date: 2025-12-22 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_251126 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>82.38</td><td>24.58</td><td>40.00</td><td>-15.42</td><td>42.00</td><td>13.94</td><td>0.97</td><td>32.51</td><td>0.10</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>215.27</td><td>33.27</td><td>43.50</td><td>-10.23</td><td>49.03</td><td>14.90</td><td>1.74</td><td>32.51</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>222.06</td><td>33.72</td><td>46.00</td><td>-12.28</td><td>48.90</td><td>15.44</td><td>1.78</td><td>32.51</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>301.60</td><td>33.65</td><td>46.00</td><td>-12.35</td><td>44.51</td><td>19.31</td><td>2.16</td><td>32.52</td><td>0.19</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>740.04</td><td>39.24</td><td>46.00</td><td>-6.76</td><td>40.20</td><td>27.90</td><td>3.51</td><td>32.57</td><td>0.20</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>951.50</td><td>32.55</td><td>46.00</td><td>-13.45</td><td>28.54</td><td>30.84</td><td>4.06</td><td>31.13</td><td>0.24</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	82.38	24.58	40.00	-15.42	42.00	13.94	0.97	32.51	0.10	--	Peak	2	215.27	33.27	43.50	-10.23	49.03	14.90	1.74	32.51	0.11	--	Peak	3	222.06	33.72	46.00	-12.28	48.90	15.44	1.78	32.51	0.11	--	Peak	4	301.60	33.65	46.00	-12.35	44.51	19.31	2.16	32.52	0.19	--	Peak	5	740.04	39.24	46.00	-6.76	40.20	27.90	3.51	32.57	0.20	--	Peak	6	951.50	32.55	46.00	-13.45	28.54	30.84	4.06	31.13	0.24	--	Peak	Level (dBuV/m) Date: 2025-12-22 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_251126 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>83.35</td><td>30.71</td><td>40.00</td><td>-9.29</td><td>40.02</td><td>14.12</td><td>0.98</td><td>32.51</td><td>0.10</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>214.30</td><td>33.79</td><td>43.50</td><td>-9.71</td><td>49.54</td><td>14.91</td><td>1.74</td><td>32.51</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>241.46</td><td>33.69</td><td>46.00</td><td>-12.31</td><td>46.73</td><td>17.50</td><td>1.87</td><td>32.51</td><td>0.10</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>286.08</td><td>34.10</td><td>46.00</td><td>-11.90</td><td>45.44</td><td>18.94</td><td>2.08</td><td>32.52</td><td>0.16</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>710.94</td><td>34.81</td><td>46.00</td><td>-11.19</td><td>37.04</td><td>26.75</td><td>3.47</td><td>32.66</td><td>0.21</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>959.26</td><td>32.04</td><td>46.00</td><td>-13.96</td><td>27.67</td><td>31.10</td><td>4.07</td><td>31.05</td><td>0.25</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	83.35	30.71	40.00	-9.29	40.02	14.12	0.98	32.51	0.10	--	Peak	2	214.30	33.79	43.50	-9.71	49.54	14.91	1.74	32.51	0.11	--	Peak	3	241.46	33.69	46.00	-12.31	46.73	17.50	1.87	32.51	0.10	--	Peak	4	286.08	34.10	46.00	-11.90	45.44	18.94	2.08	32.52	0.16	--	Peak	5	710.94	34.81	46.00	-11.19	37.04	26.75	3.47	32.66	0.21	--	Peak	6	959.26	32.04	46.00	-13.96	27.67	31.10	4.07	31.05	0.25	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																						
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Mode	8																																																																			
	SHF																																																																			
	2400-2483.5_Bluetooth BR_GFSK_CH39_2440MHz																																																																			
ANT	2																																																																			
Pol.	Horizontal	Vertical																																																																		
Peak	Level (dBuV/m) Date: 2025-12-21 Site : 03CH23-HY Condition: PEAK_74 1m BBHA9170_1225_250702 HORIZONTAL <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 18101.79</td><td>39.35</td><td>74.00</td><td>-34.65</td><td>56.76</td><td>38.10</td><td>18.35</td><td>64.32</td><td>-9.54</td><td>--</td><td>-- PEAK</td></tr></table>	Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1 18101.79	39.35	74.00	-34.65	56.76	38.10	18.35	64.32	-9.54	--	-- PEAK	Level (dBuV/m) Date: 2025-12-21 Site : 03CH23-HY Condition: PEAK_74 1m BBHA9170_1225_250702 VERTICAL <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 18874.88</td><td>39.67</td><td>74.00</td><td>-34.33</td><td>56.39</td><td>38.40</td><td>18.77</td><td>64.35</td><td>-9.54</td><td>--</td><td>-- PEAK</td></tr></table>	Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1 18874.88	39.67	74.00	-34.33	56.39	38.40	18.77	64.35	-9.54	--	-- PEAK
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1 18874.88	39.67	74.00	-34.33	56.39	38.40	18.77	64.35	-9.54	--	-- PEAK																																																										

Appendix D. Duty Cycle Plots

<1Mbps>



Note:

1. Worst case Duty cycle = on time/100 milliseconds = $2 \times 2.88 / 100 = 5.76 \%$
2. Worst case Duty cycle correction factor = $20 \times \log(\text{Duty cycle}) = -24.79 \text{ dB}$
3. DH5 has the highest duty cycle worst case and is reported.

Duty Cycle Correction Factor Consideration for AFH mode:

Bluetooth normal hopping rate is 1600Hz and reduced to 800Hz in AFH mode; due to the reduced number of hopping frequencies, with the same packet configuration the dwell time in each channel frequency within 100msec period is longer in AFH mode than normal mode.

In AFH mode, the minimum hopping frequencies are 20, to get the longest dwell time DH5 packet is observed; the on time period to have DH5 packet completing one hopping sequence is

$$2.88 \text{ ms} \times 20 \text{ channels} = 57.6 \text{ ms}$$

There cannot be 2 complete hopping sequences within 100ms period, considering the random hopping behavior, maximum 2 hops can be possibly observed within the period. $[100 \text{ ms} / 57.6 \text{ ms}] = 2 \text{ hops}$

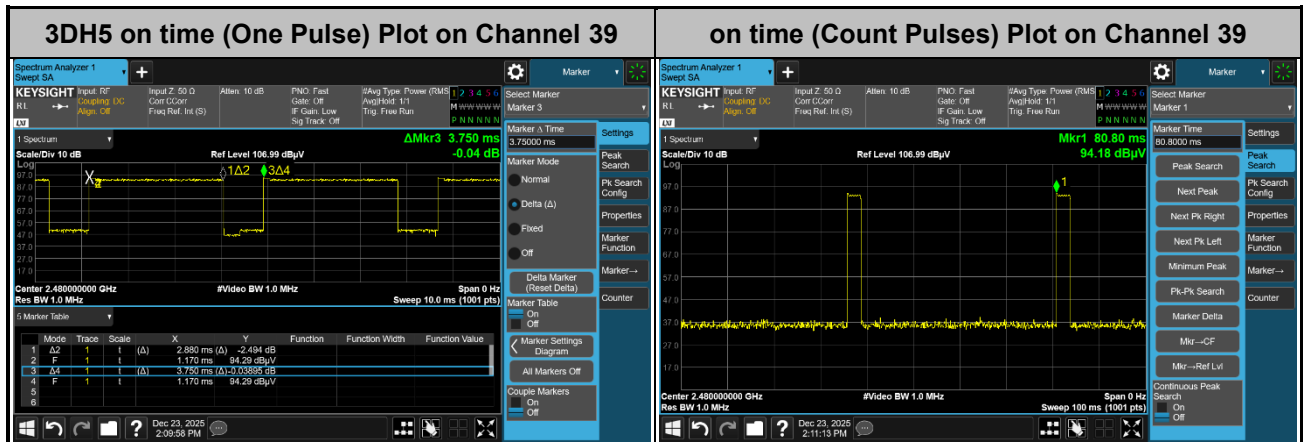
Thus, the maximum possible ON time:

$$2.88 \text{ ms} \times 2 = 5.76 \text{ ms}$$

Worst case Duty Cycle Correction factor, which is derived from the maximum possible ON time,

$$20 \times \log(5.76 \text{ ms}/100 \text{ ms}) = -24.79 \text{ dB}$$

<3Mbps>



Note:

4. Worst case Duty cycle = on time/100 milliseconds = $2 \times 2.88 / 100 = 5.76 \%$
5. Worst case Duty cycle correction factor = $20 \times \log(\text{Duty cycle}) = -24.79 \text{ dB}$
6. 3DH5 has the highest duty cycle worst case and is reported.

Duty Cycle Correction Factor Consideration for AFH mode:

Bluetooth normal hopping rate is 1600Hz and reduced to 800Hz in AFH mode; due to the reduced number of hopping frequencies, with the same packet configuration the dwell time in each channel frequency within 100msec period is longer in AFH mode than normal mode.

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Thus, the maximum possible ON time:

$$2.88 \text{ ms} \times 2 = 5.76 \text{ ms}$$

Worst case Duty Cycle Correction factor, which is derived from the maximum possible ON time,

$$20 \times \log(5.76 \text{ ms}/100 \text{ ms}) = -24.79 \text{ dB}$$