

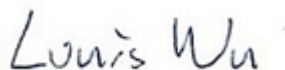


FCC/ISED RADIO TEST REPORT

FCC ID : AZ499FT7192
IC : 109U-99FT7192
Equipment : C5
Brand Name : Motorola
Model Name : C5
Model Number : HK2227A
HVIN : HK2227A
PMN : C5
Applicant : Motorola Solutions, Inc.
Plot 2A, Medan Bayan Lepas, Mukim 12, S.W.D,
11900 Bayan Lepas, Penang, Malaysia
Manufacturer : Motorola Solutions Malaysia Sdn. Bhd.
Plot 2A, Medan Bayan Lepas, Mukim 12, S.W.D,
11900 Bayan Lepas, Penang, Malaysia
Standard : FCC Part 15 Subpart C §15.247
ISED RSS-247 Issue 4

The product was received on Apr. 27, 2026 and testing was performed from May 08, 2026 to Jun. 25, 2026. We, Sporton International Inc. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FR640815B	01	Initial issue of report	Jun. 30, 2026

Summary of Test Result

Report Clause	FCC Ref Std. Clause	ISED Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(2)	RSS-247 6.3.1	6dB Bandwidth	Pass	-
3.1	2.1049	RSS-GEN 6.7	99% Occupied Bandwidth	Pass	-
3.1	-	RSS-Gen 6.7	Emission Designator	Report only	<Bluetooth1 :55512 chip> BLE(1Mbps): 1M04F1D BLE(2Mbps): 2M05F1D <Bluetooth2 :20820 chip> BLE(1Mbps): 1M07F1D BLE(2Mbps): 2M08F1D
3.2	15.247(b)(3) 15.247(b)(4)	RSS-247 6.3.2	Output Power	Pass	<Bluetooth1 :55512 chip> BLE(1Mbps): 10.90dBm(0.012W) BLE(2Mbps): 11.20dBm(0.013W) <Bluetooth2 :20820 chip> BLE(1Mbps): 9.90dBm(0.01W) BLE(2Mbps): 9.80dBm(0.01W)
3.3	15.247(e)	RSS-247 6.3.1	Power Spectral Density	Pass	-
3.4	15.247(d)	RSS-247 6.6	Conducted Band Edges and Spurious Emission	Pass	-
3.5	15.247(d)	RSS-247 6.6	Radiated Band Edges and Spurious Emission	Pass	<Bluetooth1 :55512 chip> 6.74 dB under the limit at 2496.04 MHz <Bluetooth2 :20820 chip> 5.90 dB under the limit at 2483.52 MHz
-	15.207	RSS-GEN 8.8	AC Conducted Emission	Not Required	-
3.6	15.203	N/A	Antenna Requirement	Pass	-

Note:

- Not required means after assessing, test items are not necessary to carry out.
- Device does not support simultaneous charging and BLE operation

**Conformity Assessment Condition:**

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

Disclaimer:

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

Reviewed by: Keven Cheng

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	C5
Brand Name	Motorola
Model Name	C5
FCC Model Number	HK2227A
IC Model Number	HK2227A
HVIN	HK2227A
PMN	C5
FVIN	F.02.02.01.20260415.02
FCC ID	AZ499FT7192
IC	109U-99FT7192
EUT supports Radios application	WLAN 11a/b/g/n HT20 WLAN 11ac VHT20 WLAN 11ax HE20 Bluetooth BR/EDR/LE
HW Version	P2
SW Version	F.02.02.01.20260415.02

Remark: The above EUT's information was declared by manufacturer.

EUT Information List	
S/N	Performed Test Item
64222CG1111	RF Conducted Measurement
64222CG2342 64222CG2035	Radiated Spurious Emission

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	2400 MHz ~ 2483.5 MHz
Number of Channels	40 Channel (37 hopping + 3 advertising channel)
Antenna Type / Gain	PIFA with gain 0.87 dBi
Type of Modulation	Bluetooth-LE: GFSK

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

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

The test location is accredited based on TAF code 1190 and 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)
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.: TW1190 and TW3786

ISED CABID: TW1190 and TW3786

ISED Company Number: 4086B and 4086H

Note:

1. The test site complies with ANSI C63.4 2014 requirement.
2. The RF Conducted Measurement test item subcontracted to Sporton International Inc. Wensan Laboratory. (TAF Code:3786)

1.5 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

<For FCC>

- ♦ FCC Part 15 Subpart C §15.247
- ♦ ANSI C63.10-2020 + Cor.1-2023

<For ISED>

- ♦ ANSI C63.10-2020 + Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024
- ♦ ISED RSS-247 Issue 4
- ♦ ISED RSS-Gen Issue 5

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, ICES-003, 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)
2400-2483.5 MHz	0	2402	21	2444
	1	2404	22	2446
	2	2406	23	2448
	3	2408	24	2450
	4	2410	25	2452
	5	2412	26	2454
	6	2414	27	2456
	7	2416	28	2458
	8	2418	29	2460
	9	2420	30	2462
	10	2422	31	2464
	11	2424	32	2466
	12	2426	33	2468
	13	2428	34	2470
	14	2430	35	2472
	15	2432	36	2474
	16	2434	37	2476
	17	2436	38	2478
	18	2438	39	2480
	19	2440	-	-
	20	2442	-	-

2.2 Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and accessory (Adapter /Earphone/Badge clip), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

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

Summary table of Test Cases	
Test Item	Data Rate / Modulation
Conducted Test Cases	Bluetooth – LE / GFSK
	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps_Bluetooth1 :55512 chip
	Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps_Bluetooth1 :55512 chip
	Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps_Bluetooth1 :55512 chip
	Mode 4: Bluetooth Tx CH00_2402 MHz_2Mbps_Bluetooth1 :55512 chip
	Mode 5: Bluetooth Tx CH19_2440 MHz_2Mbps_Bluetooth1 :55512 chip
	Mode 6: Bluetooth Tx CH39_2480 MHz_2Mbps_Bluetooth1 :55512 chip
	Mode 7: Bluetooth Tx CH00_2402 MHz_1Mbps_Bluetooth2 :20820 chip
	Mode 8: Bluetooth Tx CH19_2440 MHz_1Mbps_Bluetooth2 :20820 chip
	Mode 9: Bluetooth Tx CH39_2480 MHz_1Mbps_Bluetooth2 :20820 chip
	Mode 10: Bluetooth Tx CH00_2402 MHz_2Mbps_Bluetooth2 :20820 chip
	Mode 11: Bluetooth Tx CH19_2440 MHz_2Mbps_Bluetooth2 :20820 chip
	Mode 12: Bluetooth Tx CH39_2480 MHz_2Mbps_Bluetooth2 :20820 chip
Remark:	
1. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.	
2. The detailed Radiated test modes are shown in Appendix B.	

2.3 Connection Diagram of Test System

<WLAN Tx Mode>



2.4 Support Unit used in test configuration and accessories

Item	Equipment	Brand Name	P/N Name	FCC ID	Data Cable	Power Cord
1.	MUC-A	Theatro	CR10-C1	N/A	N/A	N/A
2.	PSU-A	ADAPTER TECH.	ATS050-P050- C1	N/A	N/A	N/A
3.	MUC-A Power cord	Digikey	412012-01	N/A	N/A	N/A
4.	MUC-B	Motorola	PMPN4705A	N/A	N/A	N/A
5.	MUC-B PSU	Motorola	PS000674A01	N/A	N/A	N/A
6.	MUC-B Power cord	Motorola	3004209T04	N/A	N/A	N/A
7.	Embedded Battery	Motorola	PMNN4912A	N/A	N/A	N/A
8.	Wired earpiece	Motorola	PMLN8928A	N/A	N/A	N/A
9.	Badge Clip	Motorola	PMLN8929A	N/A	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility "Tera Term V4.95" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.



2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB and 99% Bandwidth

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

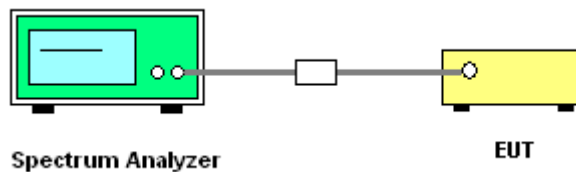
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 1% to 5% of the OBW but not less than 100 kHz. Set the Video bandwidth VBW $\geq 3 * RBW$. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth, and set the Video bandwidth (VBW) $\geq 3 * RBW$.
6. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.

3.1.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Output Power Measurement

3.2.1 Limit of Output Power

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

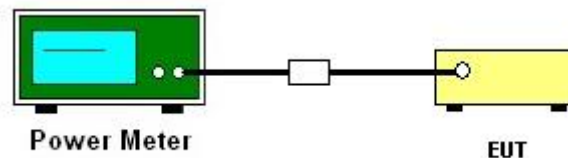
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

1. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
2. For Peak Power, the testing follows ANSI C63.10 Section 11.9.1.2 PKPM1
3. The RF output of EUT is connected to the power meter by RF cable and attenuator.
4. The path loss is compensated to the results for each measurement.
5. Set the maximum power setting and enable the EUT to transmit continuously.
6. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Average Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

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

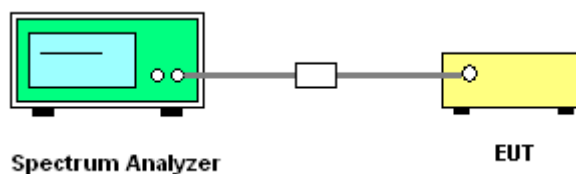
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth (VBW) = 10 kHz. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6 dB BW)
5. Detector = peak, Sweep time = No faster than coupled (auto) time, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.
7. The Measured power density (dBm)/ 100 kHz is a reference level and is used as 20 dBc down limit line for Conducted Band Edges and Conducted Spurious Emission.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Conducted Band Edges and Spurious Emission Measurement

3.4.1 Limit of Conducted Band Edges and Spurious Emission

All harmonics/spurious must be at least 20 dB down from the highest emission level within the authorized band.

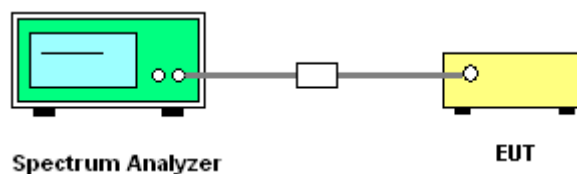
3.4.2 Measuring Instruments

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

3.4.3 Test Procedure

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

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edges Plots

Please refer to Appendix A.

3.4.6 Test Result of Conducted Spurious Emission Plots

Please refer to Appendix A.

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated Band Edges and Spurious Emission

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

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.5.2 Measuring Instruments

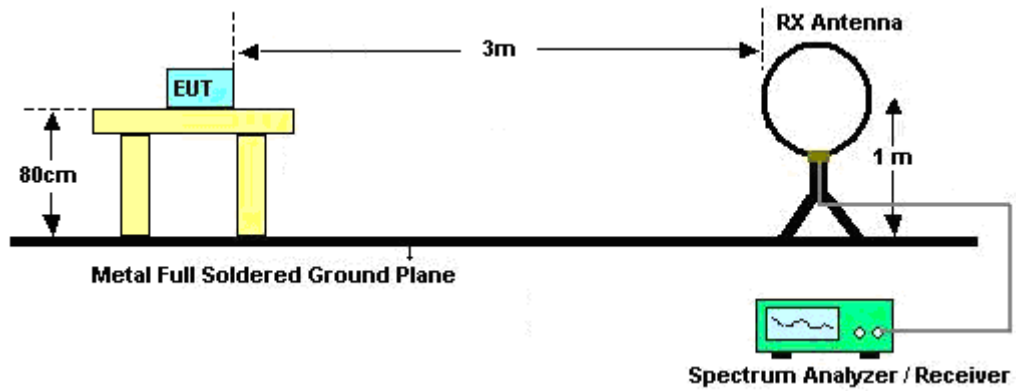
Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

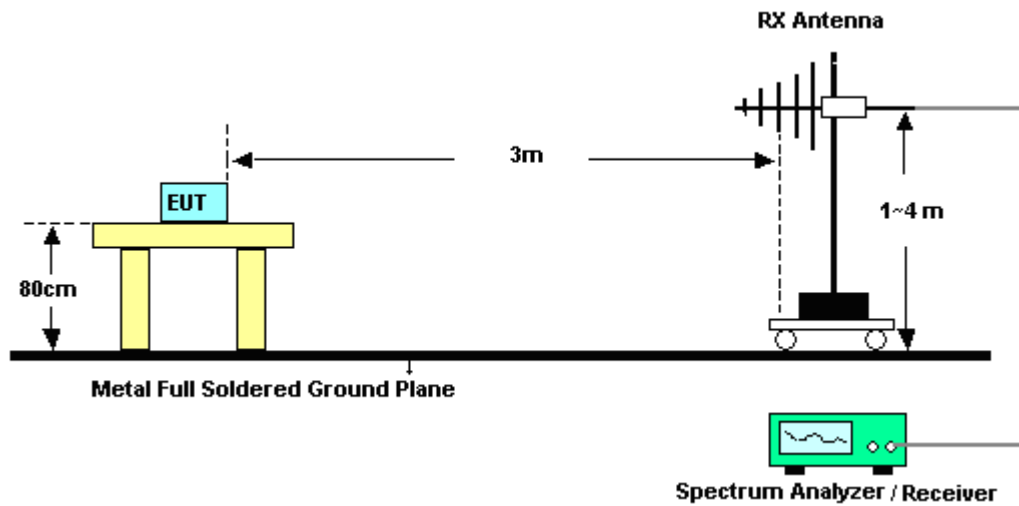
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the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

3.5.4 Test Setup

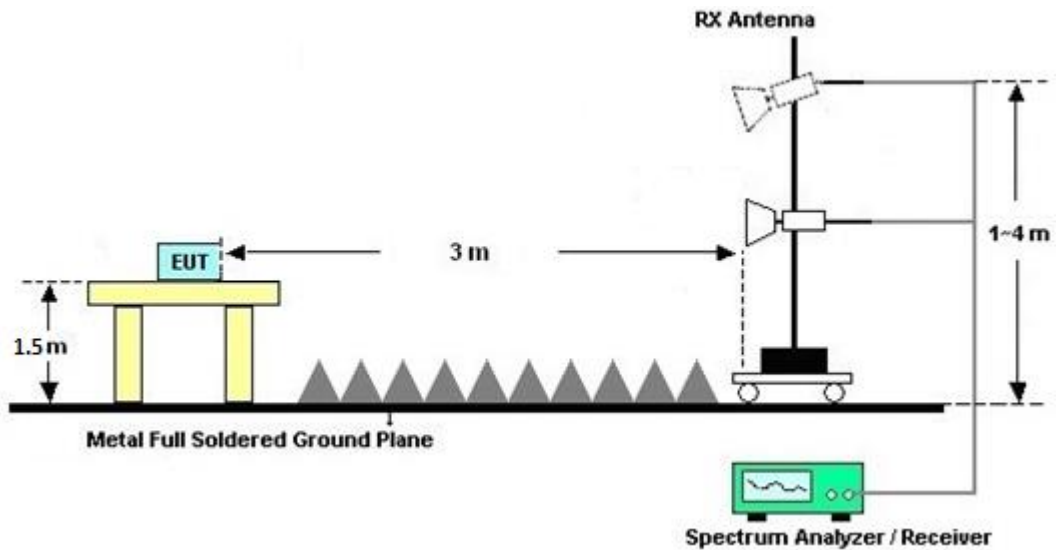
For radiated test below 30MHz



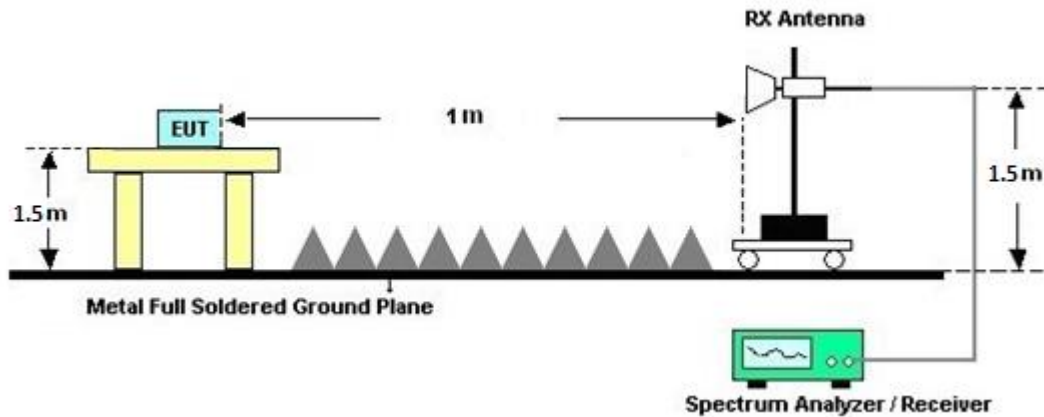
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.5.7 Duty Cycle

Please refer to Appendix C.

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

Please refer to Appendix B.



3.6 Antenna Requirements

3.6.1 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.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECEP	DTM-303A	TP201996	N/A	Nov. 04, 2025	May 08. 2026~ Jun. 25. 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	May 08. 2026~ Jun. 25. 2026	Nov. 13, 2026	Conducted (TH05-HY)
Power Meter	Anritsu	ML2495A	1036004	N/A	Jul. 01, 2025	May 08. 2026~ Jun. 25. 2026	Jun. 30, 2026	Conducted (TH05-HY)
Pulse Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GH z	Jul. 01, 2025	May 08. 2026~ Jun. 25. 2026	Jun. 30, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	May 08. 2026~ Jun. 25. 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	May 08. 2026~ Jun. 25. 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_ version_24051 3	N/A	Conducted Other Test Item	N/A	May 08. 2026~ Jun. 25. 2026	N/A	Conducted (TH05-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	35419 & 03	30MHz~1GHz	Mar. 21,2026	May 15, 2026 ~ Jun. 09, 2026	Mar. 20,2027	Radiation (03CH07-HY)
Double Ridged Guide Horn Antenna	ETS-Lindgren	3117	00075962	1GHz ~ 18GHz	Dec. 09,2025	May 15, 2026 ~ Jun. 09, 2026	Dec. 08,2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16,2026	May 15, 2026 ~ Jun. 09, 2026	Mar. 15,2027	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590075	1GHz~18GHz	Apr. 17,2026	May 15, 2026 ~ Jun. 09, 2026	Apr. 16,2027	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Sep. 30,2025	May 15, 2026 ~ Jun. 09, 2026	Sep. 29,2026	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Mar. 21,2026	May 15, 2026 ~ Jun. 09, 2026	Mar. 20,2027	Radiation (03CH07-HY)
Preamplifier	EMEC	EM18G40G	0600789	18-40GHz	Aug. 08,2025	May 15, 2026 ~ Jun. 09, 2026	Aug. 07,2026	Radiation (03CH07-HY)
Signal Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Apr. 09,2026	May 15, 2026 ~ Jun. 09, 2026	Apr. 08,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 19,2026	May 15, 2026 ~ Jun. 09, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 19,2026	May 15, 2026 ~ Jun. 09, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 13,2025	May 15, 2026 ~ Jun. 09, 2026	Sep. 12,2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY2858/2	18GHz~40GHz	Feb. 19,2026	May 15, 2026 ~ Jun. 09, 2026	Feb. 18,2027	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 22,2026	May 15, 2026 ~ Jun. 09, 2026	Apr. 21,2027	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	May 15, 2026 ~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	May 15, 2026 ~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	May. 15, 2026 ~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	May. 15, 2026 ~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
Software	Audix	E3	RK-002396	N/A	N/A	May 15, 2026 ~ Jun. 09, 2026	N/A	Radiation (03CH07-HY)
USB Data Logger	TECEP	TR-32	HE17XB2495	N/A	Mar. 02,2026	May 15, 2026 ~ Jun. 09, 2026	Mar. 01,2027	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA917025 1	18GHz~40GHz	Dec. 09,2025	May 15, 2026 ~ Jun. 09, 2026	Dec. 08,2026	Radiation (03CH07-HY)

5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.30 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.50 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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Uncertainty of 6dB Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.0040 MHz
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Uncertainty of 99% Occupied Bandwidth Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.0080 MHz
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Uncertainty of Maximum Conducted Output Power Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	0.84 dB
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Uncertainty of Power Spectral Density Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	1.10 dB
---	---------

Uncertainty of Conducted Band Edges and Spurious Emission Measurement

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	1.08 dB
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Appendix A. Test Result of Conducted Test Items

Test Engineer:	Hank Hsu / Shiming Liu	Temperature:	21~25	°C
Test Date:	2026/5/8~2026/6/25	Relative Humidity:	51~54	%

<Bluetooth1 :55512 chip>

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	1Mbps	1	0	2402	1.043	0.681	0.50	Pass
BLE	1Mbps	1	19	2440	1.044	0.681	0.50	Pass
BLE	1Mbps	1	39	2480	1.044	0.690	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	1Mbps	1	0	2402	10.90	30.00	0.87	11.77	36.00	Pass
BLE	1Mbps	1	19	2440	10.11	30.00	0.87	10.98	36.00	Pass
BLE	1Mbps	1	39	2480	9.87	30.00	0.87	10.74	36.00	Pass

TEST RESULTS DATA
Average Power Table

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
BLE	1Mbps	1	0	2402	9.50	30.00	0.87	10.37	36.00	Pass	Default
BLE	1Mbps	1	19	2440	9.40	30.00	0.87	10.27	36.00	Pass	Default
BLE	1Mbps	1	39	2480	9.50	30.00	0.87	10.37	36.00	Pass	Default

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	1Mbps	1	0	2402	8.97	-4.26	0.87	8.00	Pass
BLE	1Mbps	1	19	2440	7.80	-5.48	0.87	8.00	Pass
BLE	1Mbps	1	39	2480	7.78	-5.52	0.87	8.00	Pass

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

<Bluetooth1 :55512 chip>

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	2Mbps	1	0	2402	2.051	1.259	0.50	Pass
BLE	2Mbps	1	19	2440	2.050	1.263	0.50	Pass
BLE	2Mbps	1	39	2480	2.054	1.265	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	2Mbps	1	0	2402	11.20	30.00	0.87	12.07	36.00	Pass
BLE	2Mbps	1	19	2440	10.48	30.00	0.87	11.35	36.00	Pass
BLE	2Mbps	1	39	2480	10.18	30.00	0.87	11.05	36.00	Pass

TEST RESULTS DATA
Average Power Table

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
BLE	2Mbps	1	0	2402	9.60	30.00	0.87	10.47	36.00	Pass	Default
BLE	2Mbps	1	19	2440	9.20	30.00	0.87	10.07	36.00	Pass	Default
BLE	2Mbps	1	39	2480	9.40	30.00	0.87	10.27	36.00	Pass	Default

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	2Mbps	1	0	2402	8.60	-8.34	0.87	8.00	Pass
BLE	2Mbps	1	19	2440	7.90	-9.77	0.87	8.00	Pass
BLE	2Mbps	1	39	2480	6.71	-9.89	0.87	8.00	Pass

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

<Bluetooth2 :20820 chip>

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	1Mbps	1	0	2402	1.049	0.756	0.50	Pass
BLE	1Mbps	1	19	2440	1.061	0.767	0.50	Pass
BLE	1Mbps	1	39	2480	1.072	0.772	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	1Mbps	1	0	2402	9.90	30.00	0.87	10.77	36.00	Pass
BLE	1Mbps	1	19	2440	9.00	30.00	0.87	9.87	36.00	Pass
BLE	1Mbps	1	39	2480	8.55	30.00	0.87	9.42	36.00	Pass

TEST RESULTS DATA
Average Power Table

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
BLE	1Mbps	1	0	2402	8.50	30.00	0.87	9.37	36.00	Pass	Default
BLE	1Mbps	1	19	2440	8.30	30.00	0.87	9.17	36.00	Pass	Default
BLE	1Mbps	1	39	2480	8.20	30.00	0.87	9.07	36.00	Pass	Default

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	1Mbps	1	0	2402	5.48	-7.97	0.87	8.00	Pass
BLE	1Mbps	1	19	2440	5.72	-9.02	0.87	8.00	Pass
BLE	1Mbps	1	39	2480	5.51	-8.05	0.87	8.00	Pass

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

<Bluetooth2 :20820 chip>

TEST RESULTS DATA
6dB and 99% Occupied Bandwidth

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Occupied BW (MHz)	6dB BW (MHz)	6dB BW Limit (MHz)	Pass/Fail
BLE	2Mbps	1	0	2402	2.076	1.065	0.50	Pass
BLE	2Mbps	1	19	2440	2.070	1.064	0.50	Pass
BLE	2Mbps	1	39	2480	2.069	1.065	0.50	Pass

TEST RESULTS DATA
Peak Power Table

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
BLE	2Mbps	1	0	2402	9.80	30.00	0.87	10.67	36.00	Pass
BLE	2Mbps	1	19	2440	9.25	30.00	0.87	10.12	36.00	Pass
BLE	2Mbps	1	39	2480	8.73	30.00	0.87	9.60	36.00	Pass

TEST RESULTS DATA
Average Power Table

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)	Conducted Power Limit (dBm)	DG (dBi)	EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Setting
BLE	2Mbps	1	0	2402	8.20	30.00	0.87	9.07	36.00	Pass	Default
BLE	2Mbps	1	19	2440	8.00	30.00	0.87	8.87	36.00	Pass	Default
BLE	2Mbps	1	39	2480	8.00	30.00	0.87	8.87	36.00	Pass	Default

TEST RESULTS DATA
Peak Power Density

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Peak PSD (dBm /100kHz)	Peak PSD (dBm /3kHz)	DG (dBi)	Peak PSD Limit (dBm /3kHz)	Pass/Fail
BLE	2Mbps	1	0	2402	5.24	-11.36	0.87	8.00	Pass
BLE	2Mbps	1	19	2440	5.32	-11.47	0.87	8.00	Pass
BLE	2Mbps	1	39	2480	6.32	-10.56	0.87	8.00	Pass

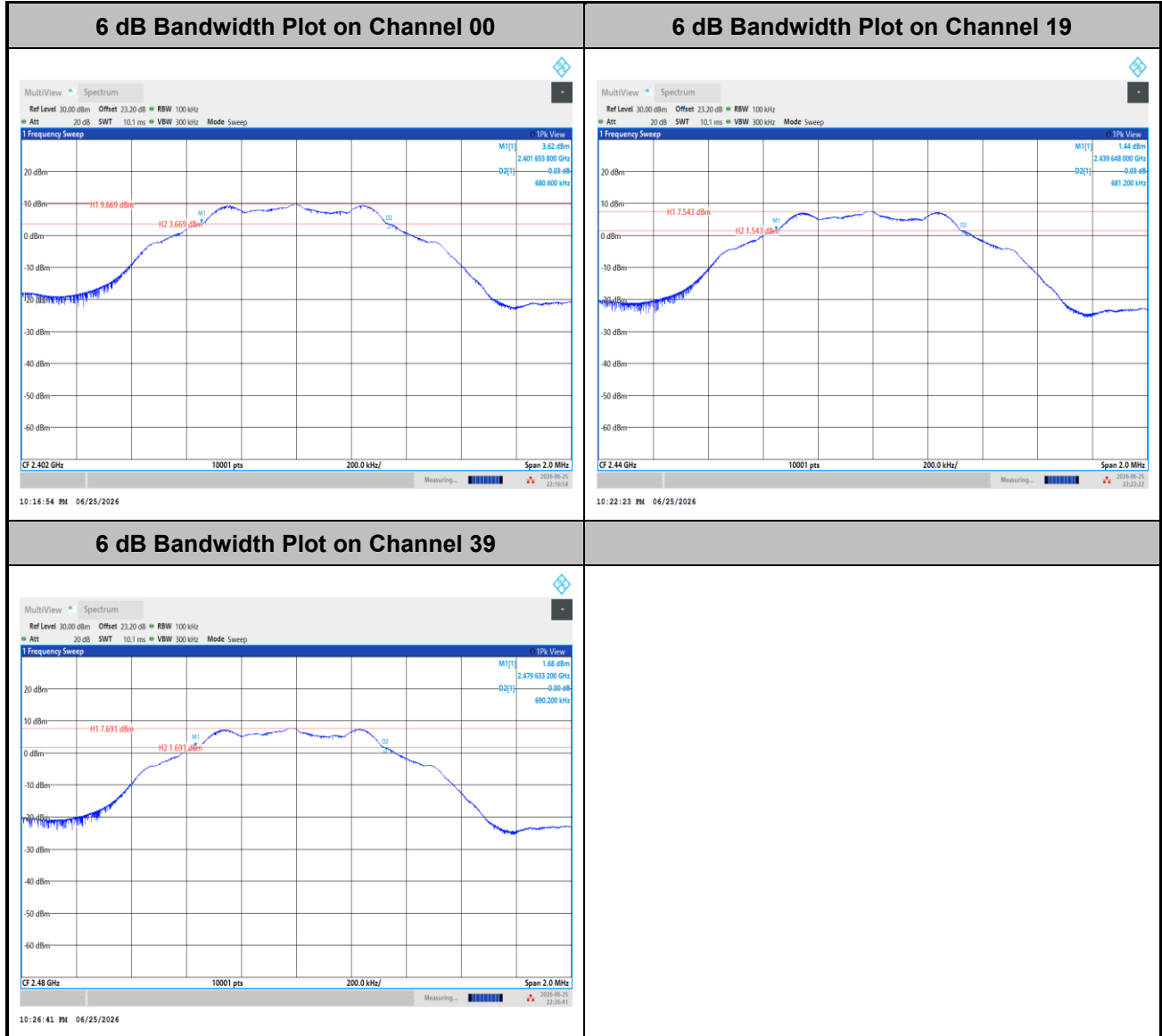
Note: PSD (dBm/ 100kHz) is a reference level used for Conducted Band Edges and Conducted Spurious Emission 30dBc limit.



Number of TX = 1, Ant. 1 (Bluetooth1 :55512 chip) (Measured)

6dB Bandwidth

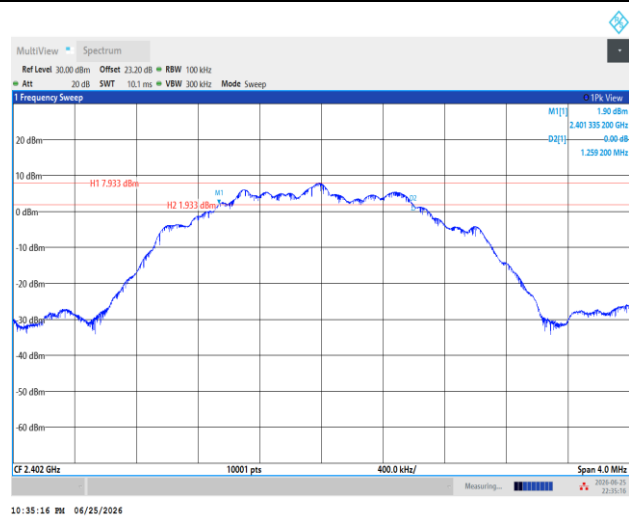
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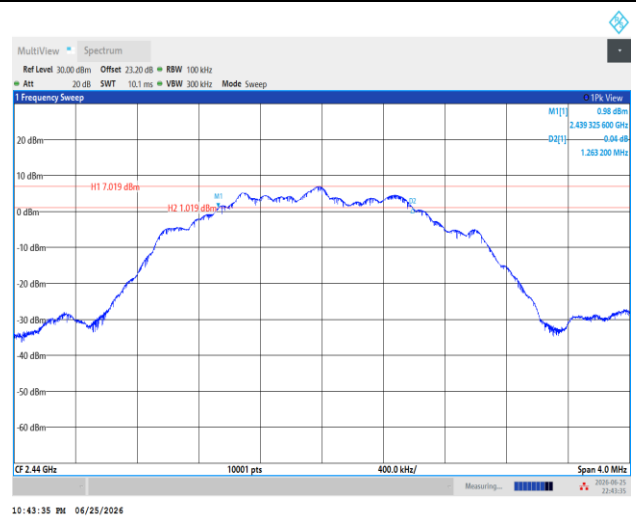


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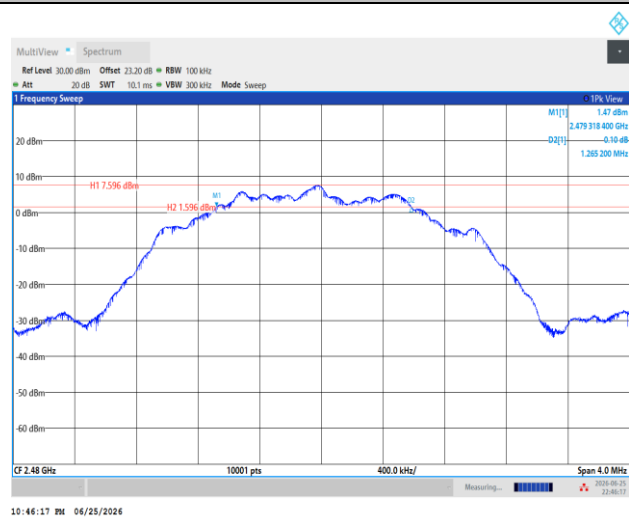
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19

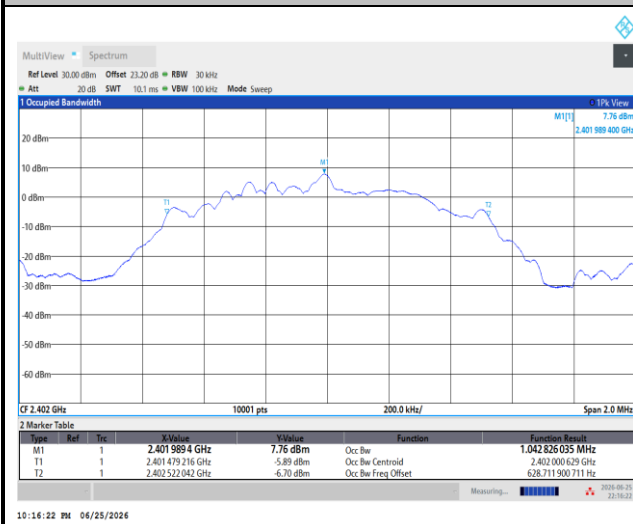
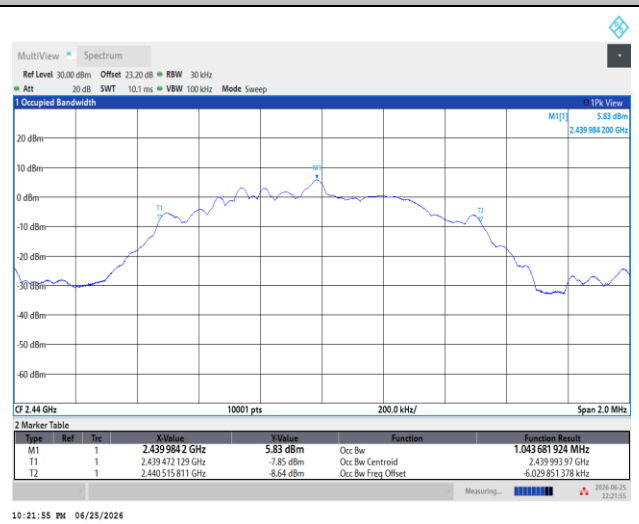
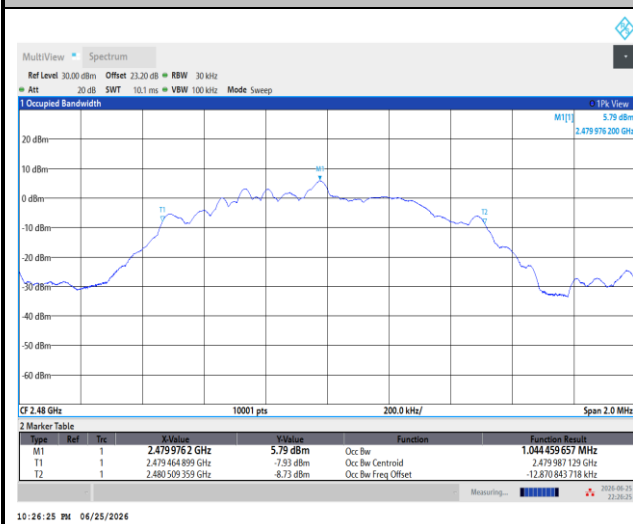


6 dB Bandwidth Plot on Channel 39



**99% Occupied Bandwidth**

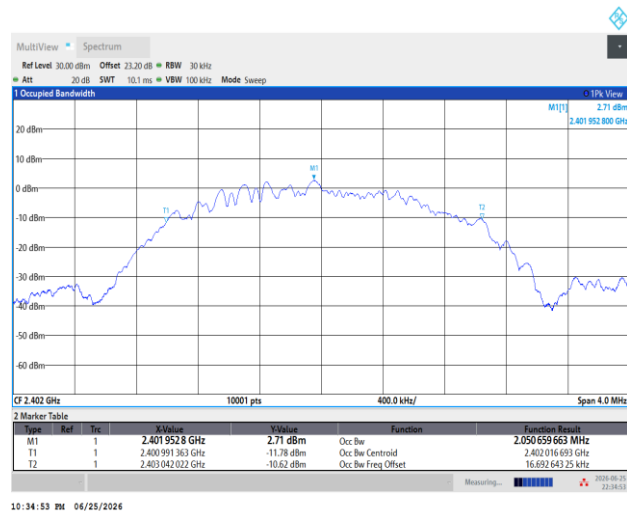
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99% Occupied Bandwidth Plot on Channel 00**99% Occupied Bandwidth Plot on Channel 19****99% Occupied Bandwidth Plot on Channel 39**



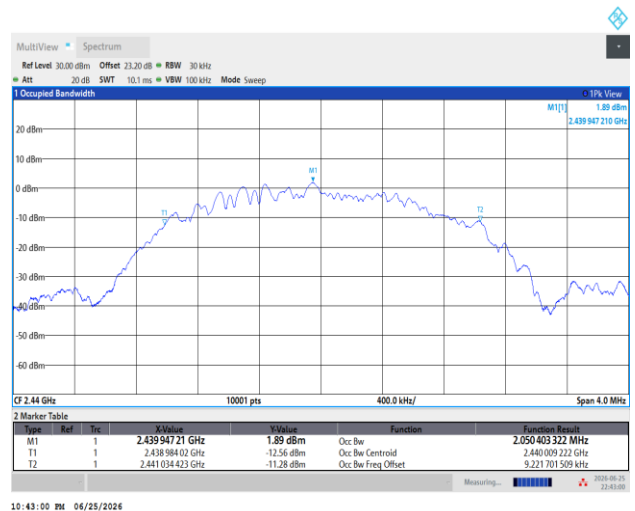
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99% Occupied Bandwidth Plot on Channel 00



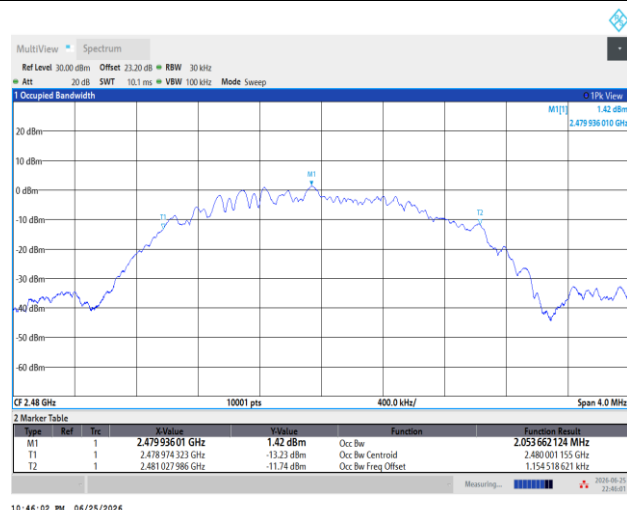
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99% Occupied Bandwidth Plot on Channel 19



10:43:00 PM 06/25/2024

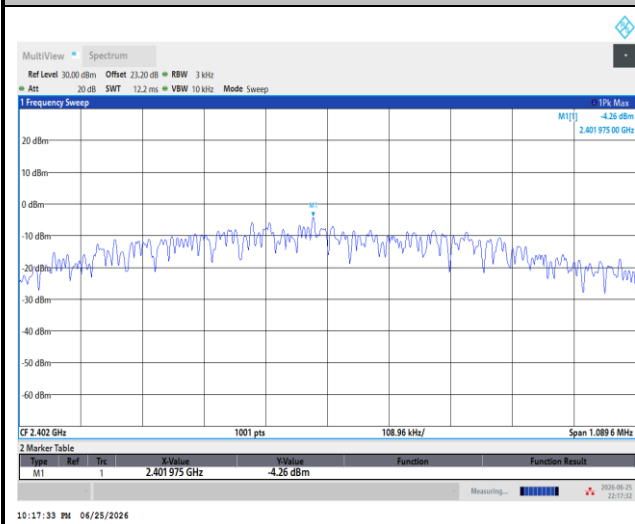
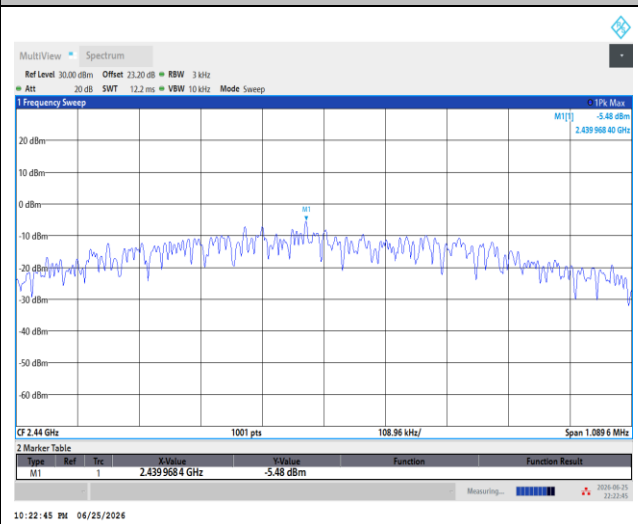
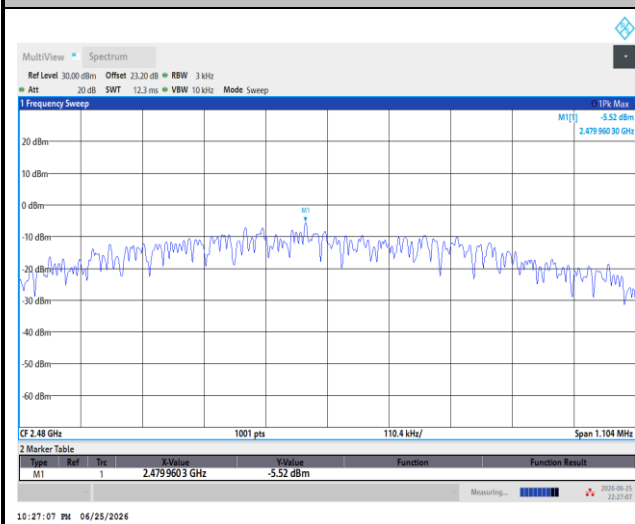
99% Occupied Bandwidth Plot on Channel 39



10:46:02 PM 06/25/2024

**Power Spectral Density (dBm/3kHz)**

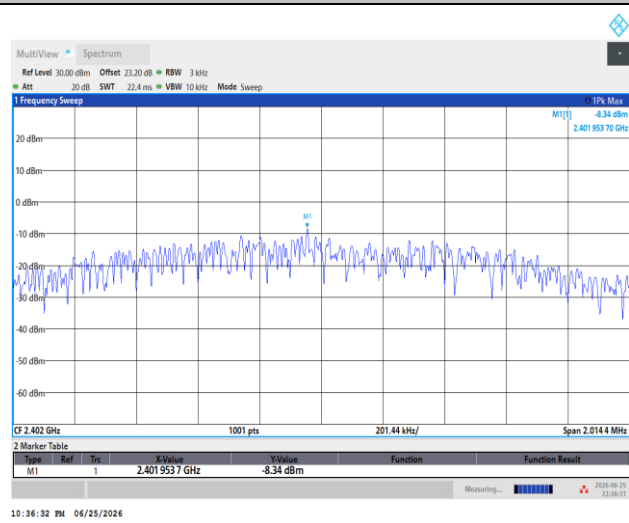
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Power Density (dBm/3kHz) Plot Channel 00**Power Density (dBm/3kHz) Plot Channel 19****Power Density (dBm/3kHz) Plot Channel 39**

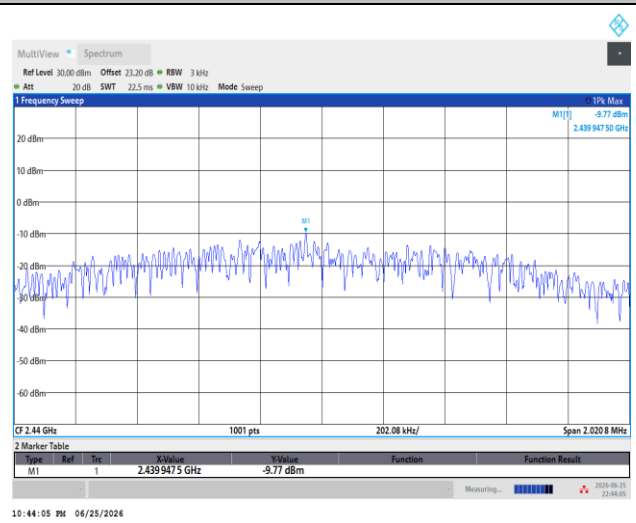


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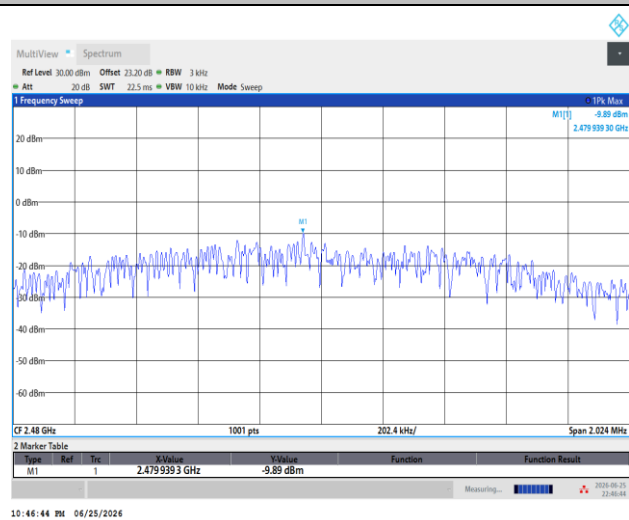
Power Density (dBm/3kHz) Plot Channel 00



Power Density (dBm/3kHz) Plot Channel 19

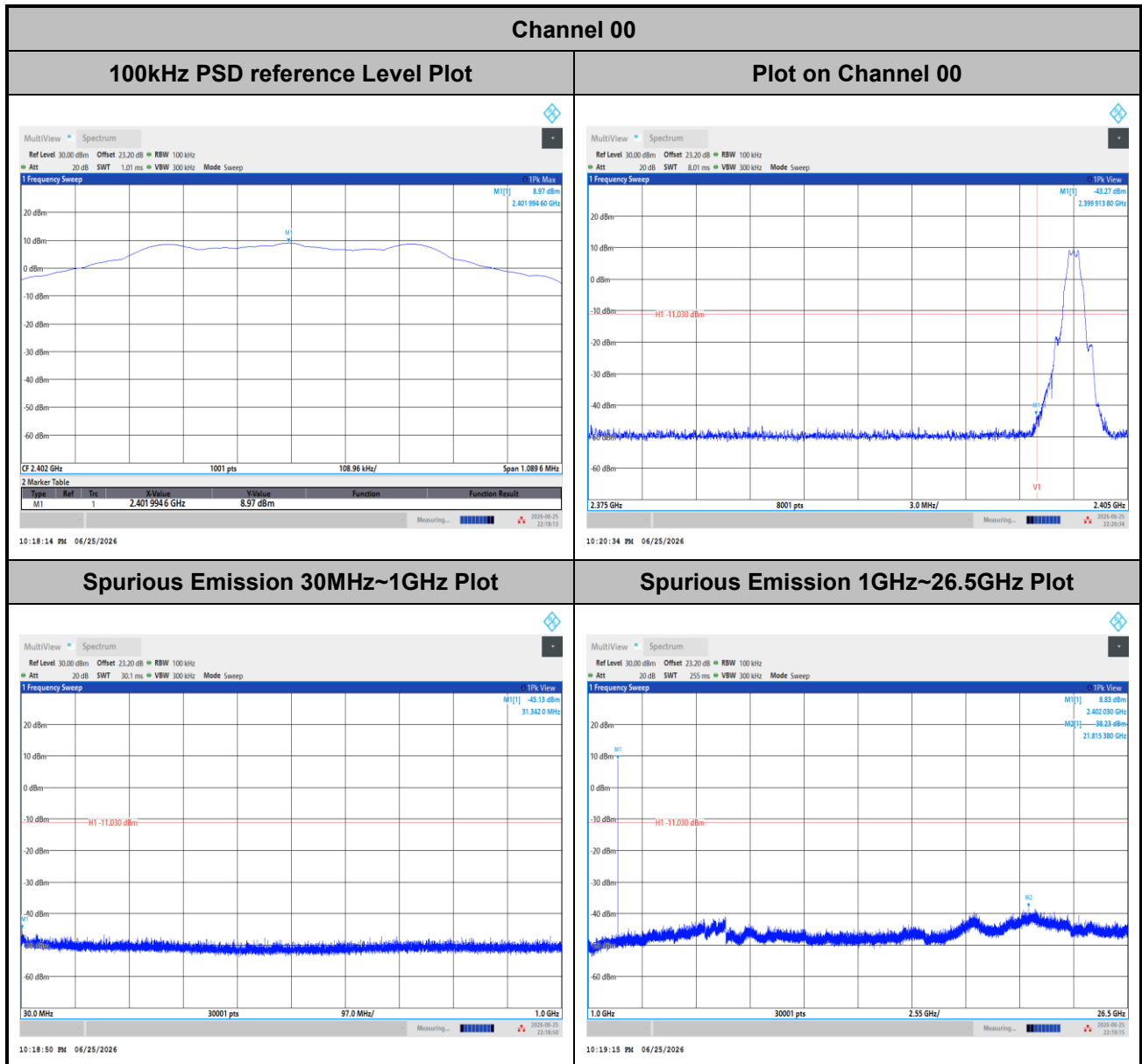


Power Density (dBm/3kHz) Plot Channel 39



**Band Edge and Conducted Spurious Emission**

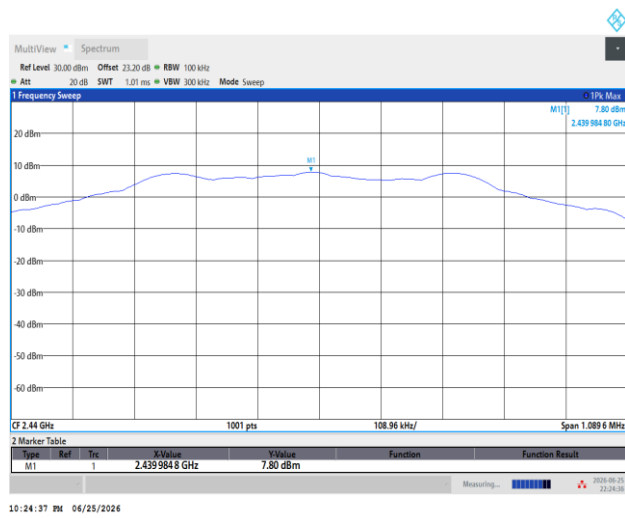
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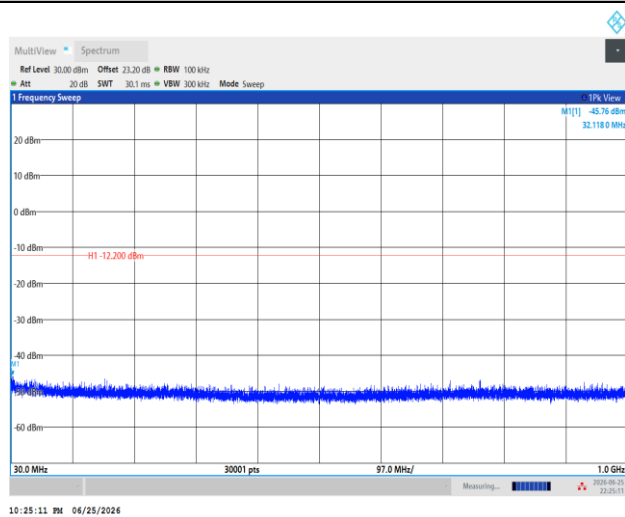


Channel 19

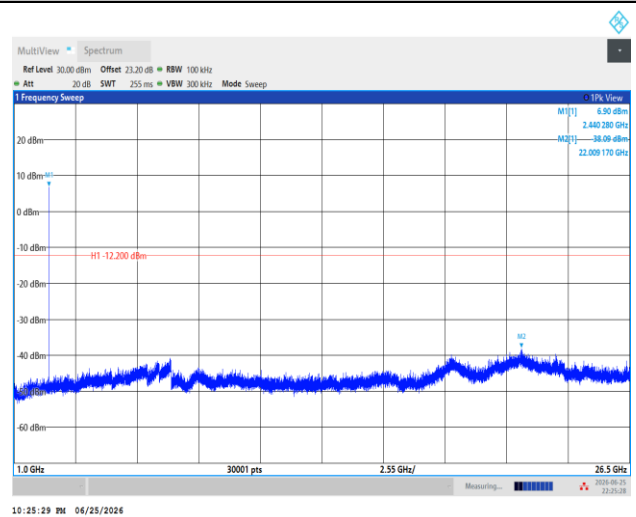
100kHz PSD reference Level Plot



Spurious Emission 30MHz~1GHz Plot



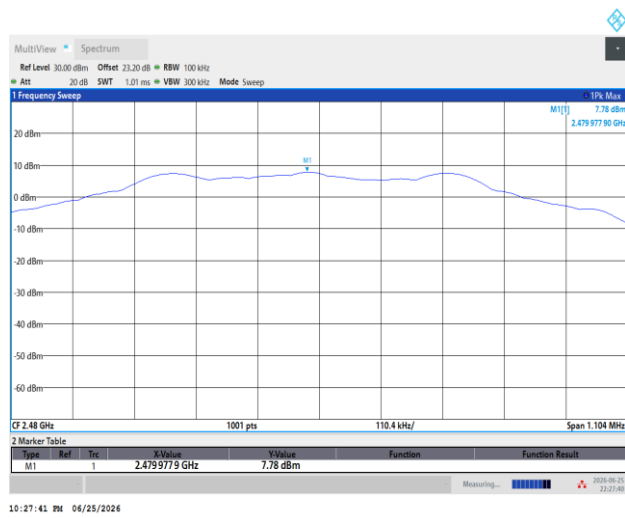
Spurious Emission 1GHz~26.5GHz Plot



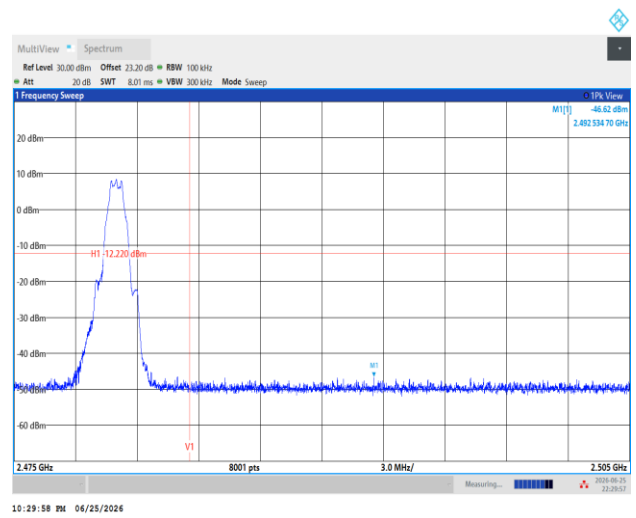


Channel 39

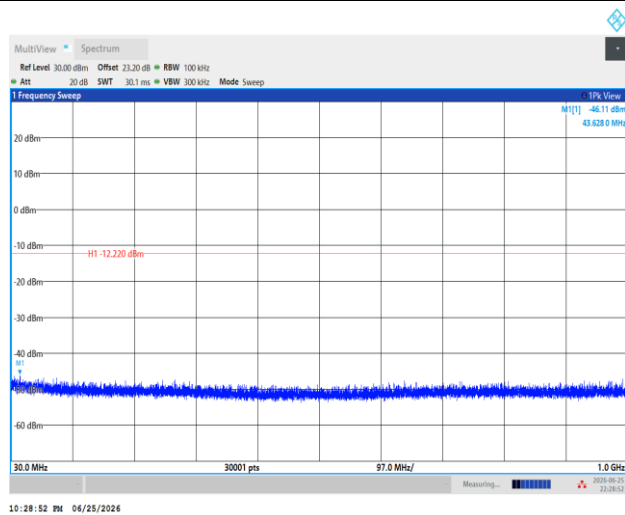
100kHz PSD reference Level Plot



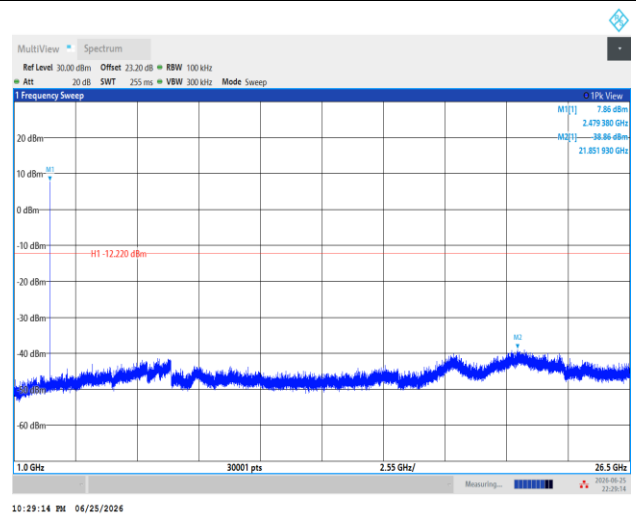
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot

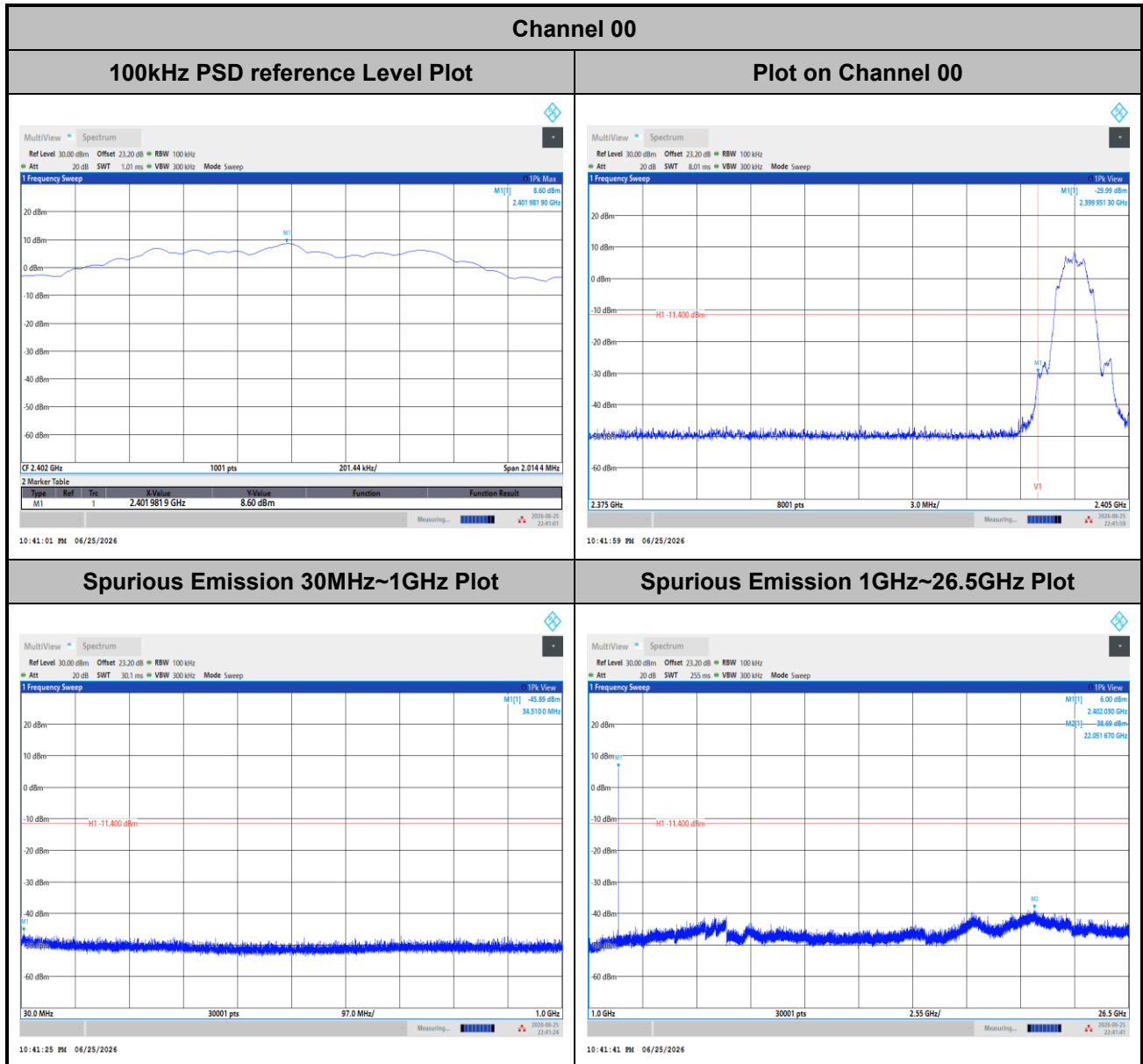


Spurious Emission 1GHz~26.5GHz Plot





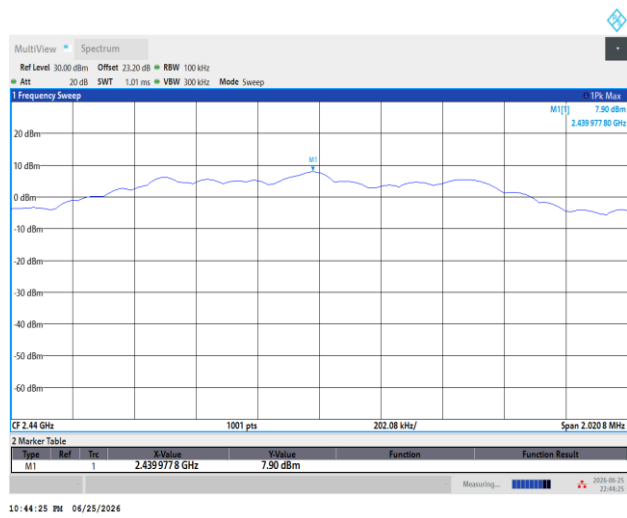
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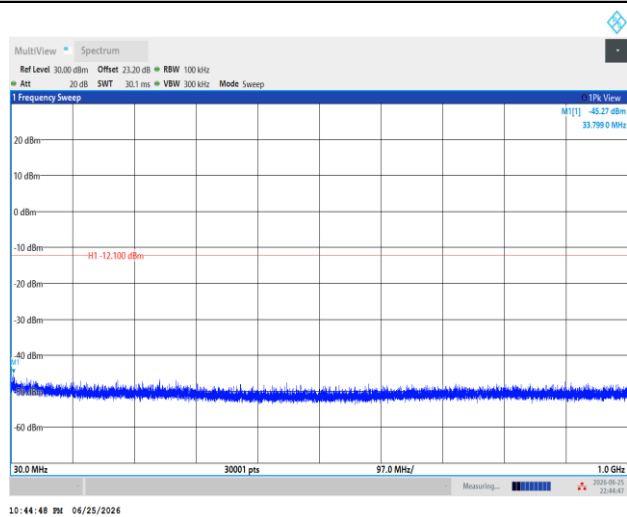


Channel 19

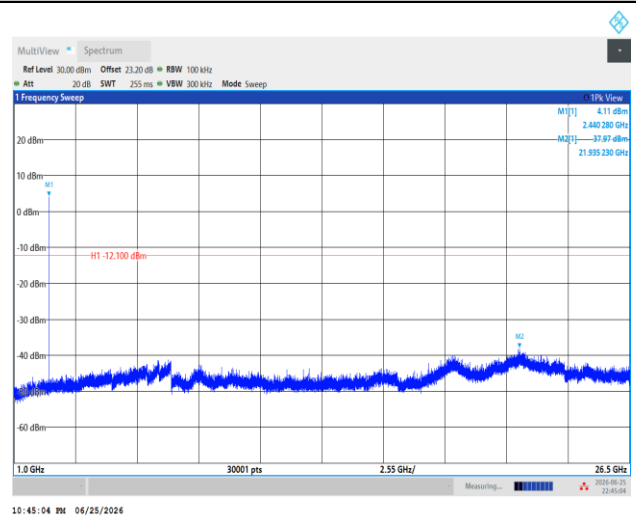
100kHz PSD reference Level Plot



Spurious Emission 30MHz~1GHz Plot



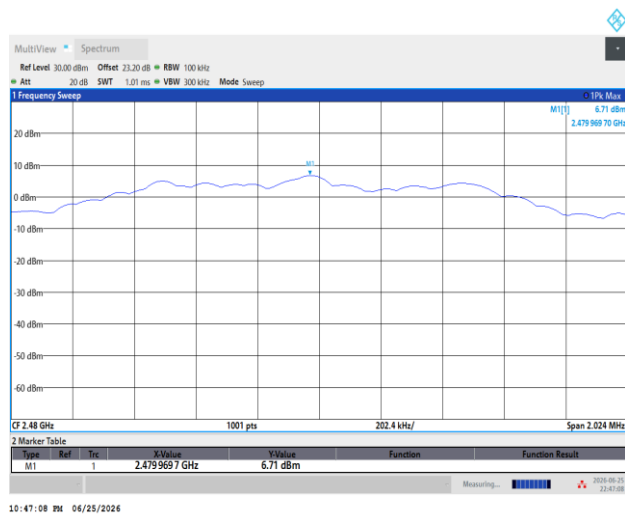
Spurious Emission 1GHz~26.5GHz Plot



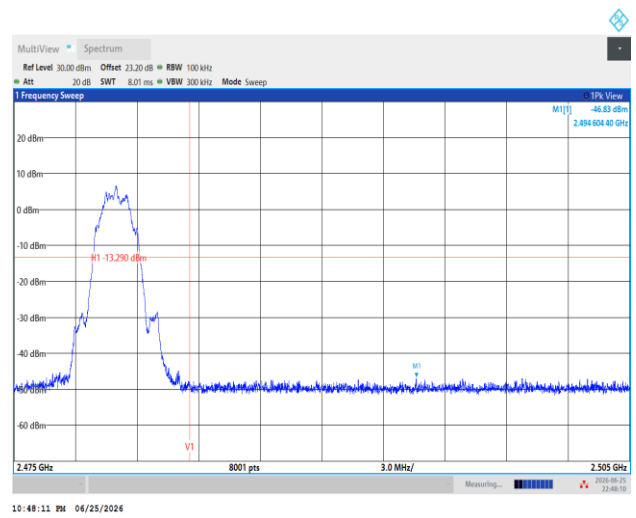


Channel 39

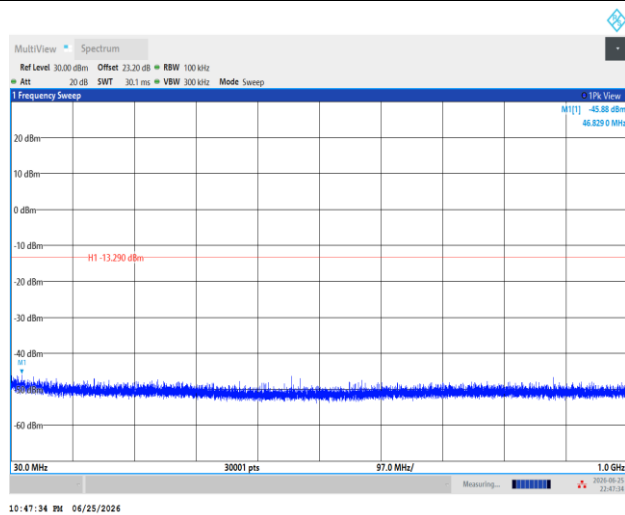
100kHz PSD reference Level Plot



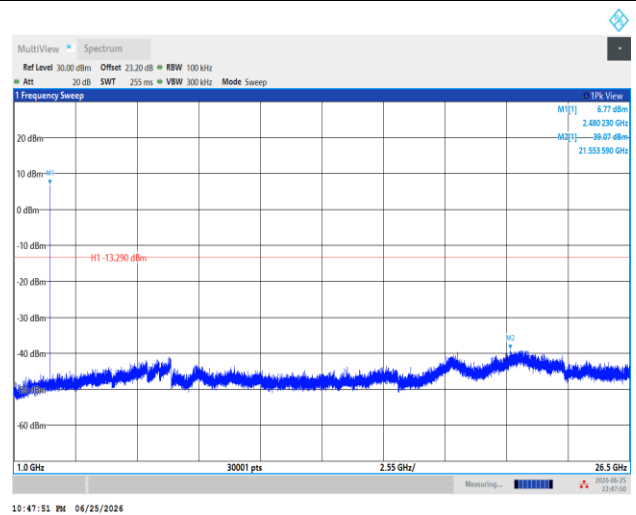
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot

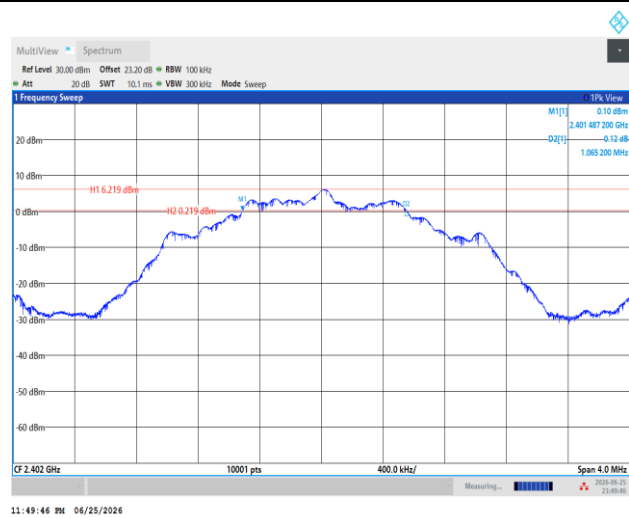




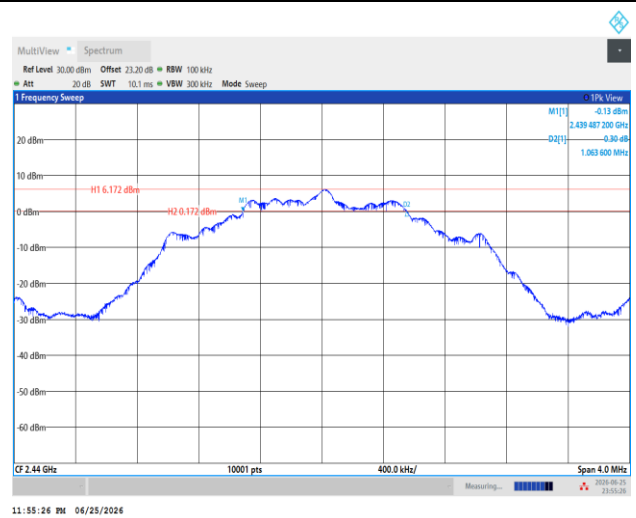


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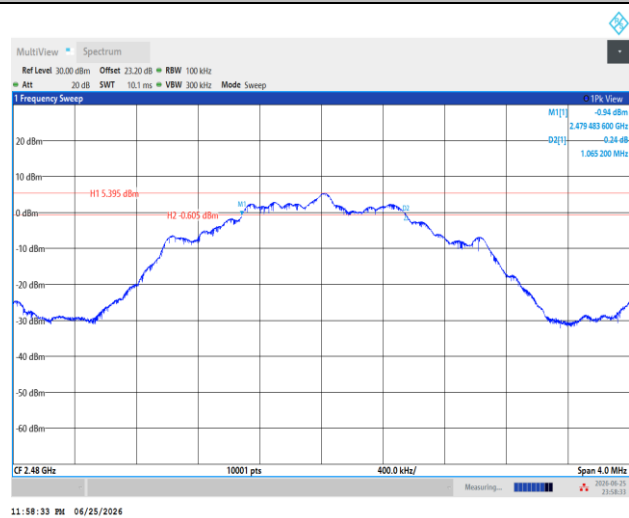
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19

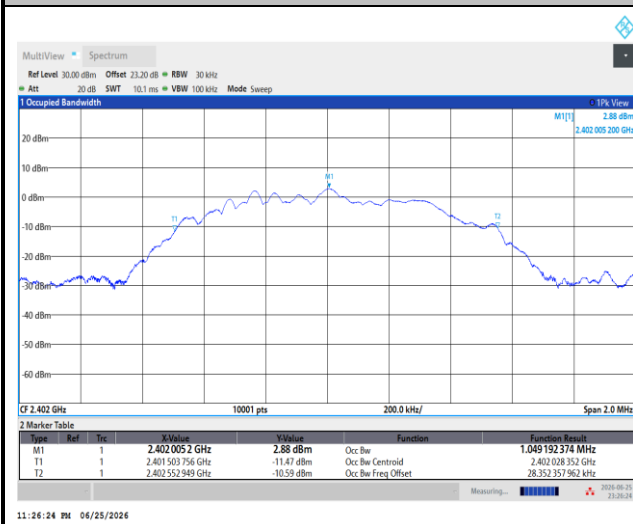
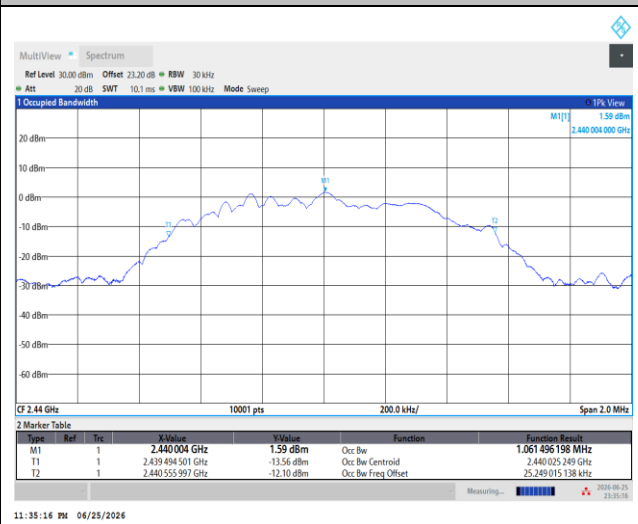
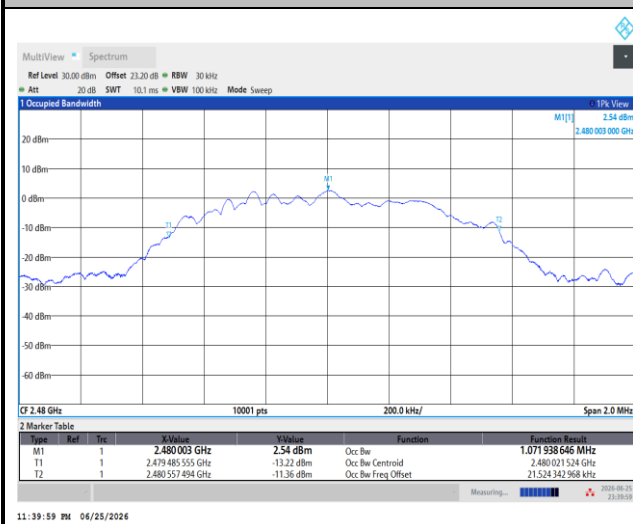


6 dB Bandwidth Plot on Channel 39



**99% Occupied Bandwidth**

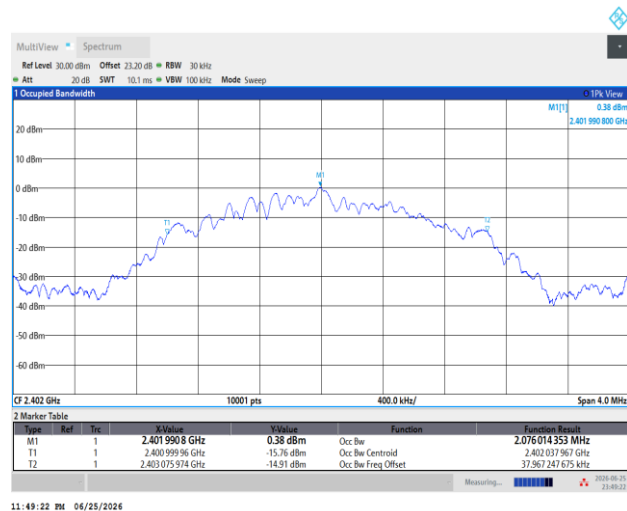
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99% Occupied Bandwidth Plot on Channel 00**99% Occupied Bandwidth Plot on Channel 19****99% Occupied Bandwidth Plot on Channel 39**



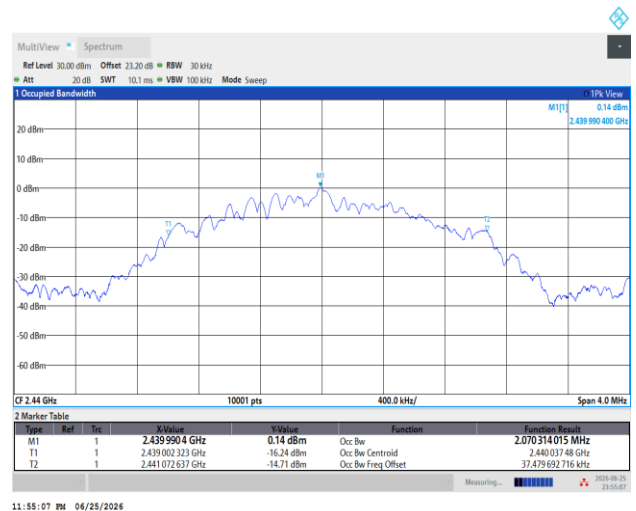
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99% Occupied Bandwidth Plot on Channel 00



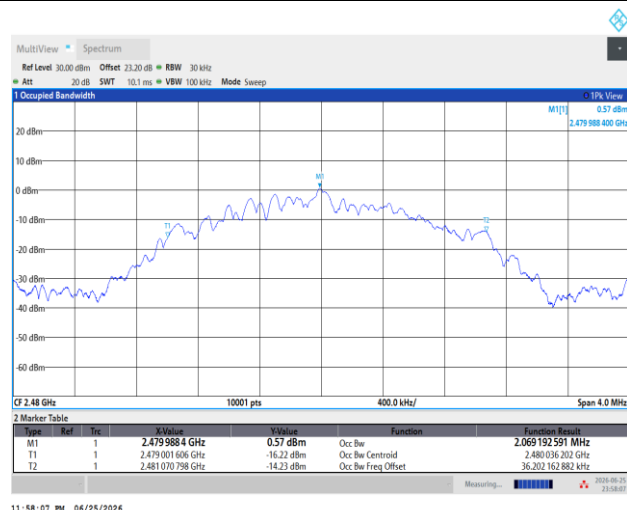
11:49:22 PM 06/25/2024

99% Occupied Bandwidth Plot on Channel 19



11:55:07 PM 06/25/2024

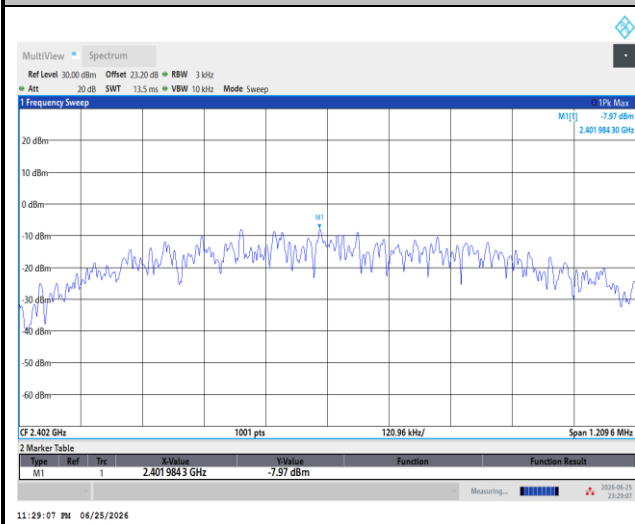
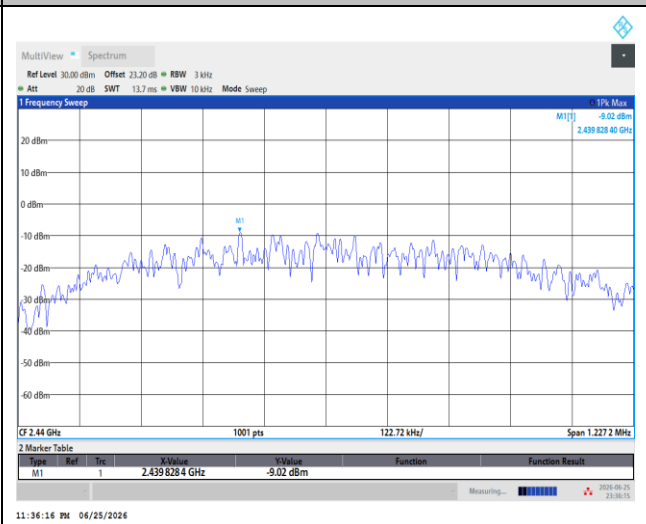
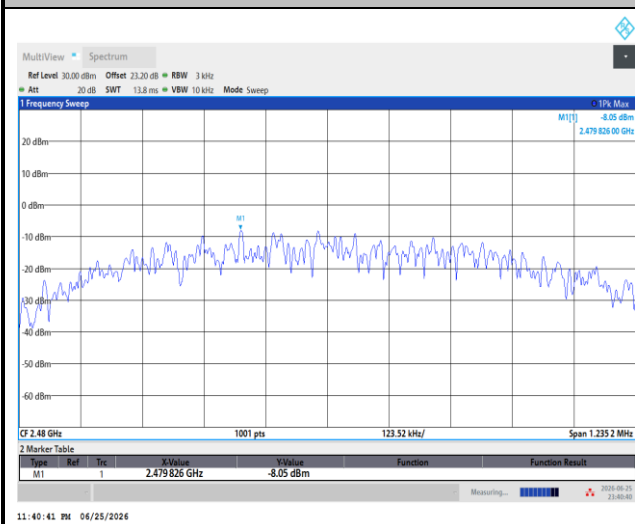
99% Occupied Bandwidth Plot on Channel 39



11:58:07 PM 06/25/2024

**Power Spectral Density (dBm/3kHz)**

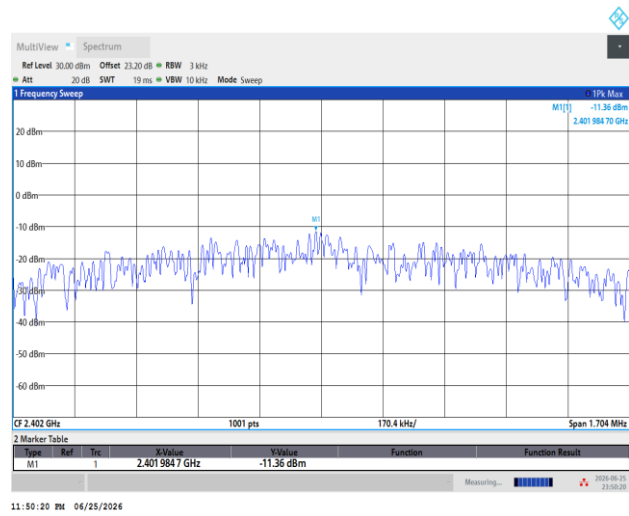
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Power Density (dBm/3kHz) Plot Channel 00**Power Density (dBm/3kHz) Plot Channel 19****Power Density (dBm/3kHz) Plot Channel 39**

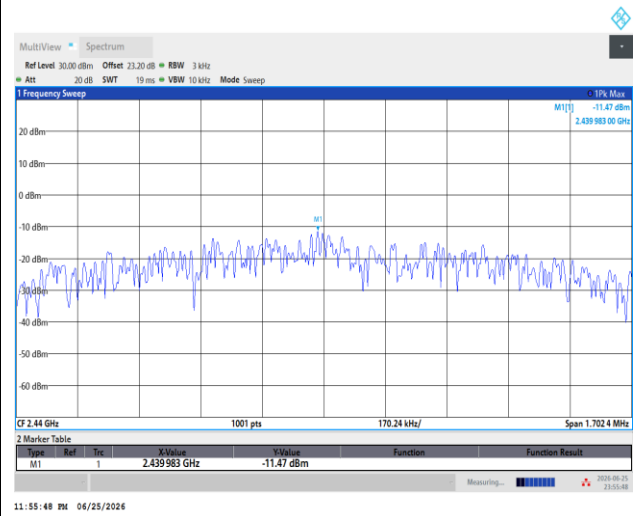


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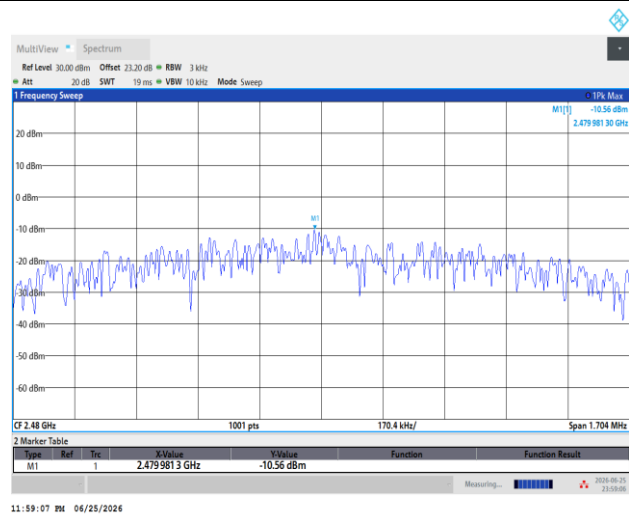
Power Density (dBm/3kHz) Plot Channel 00



Power Density (dBm/3kHz) Plot Channel 19

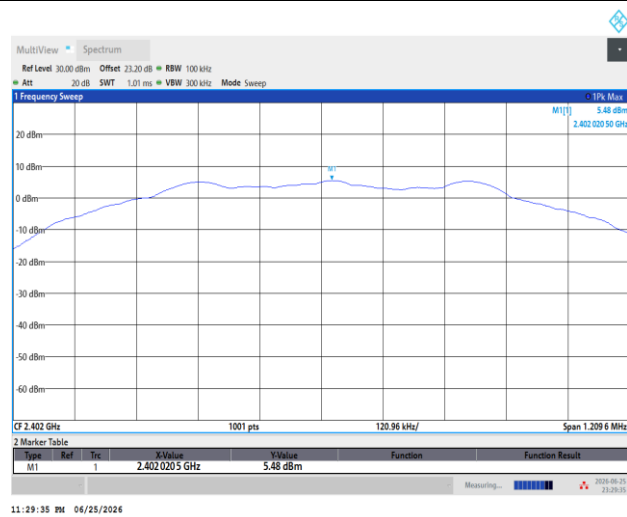
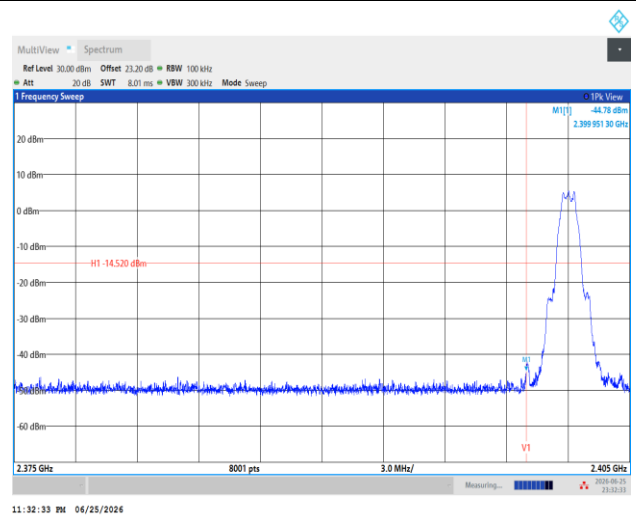
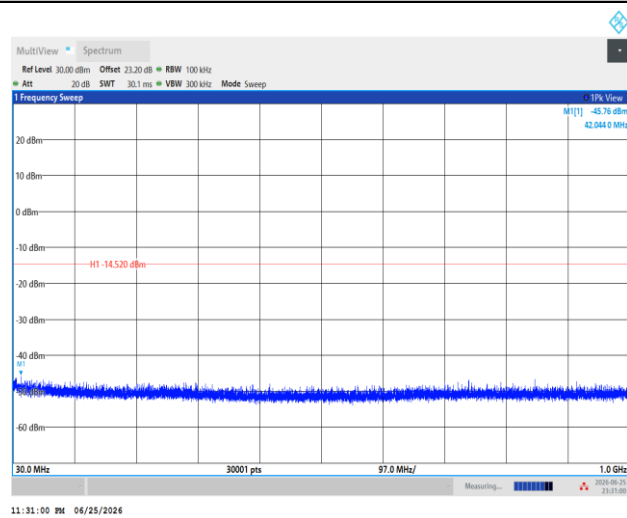
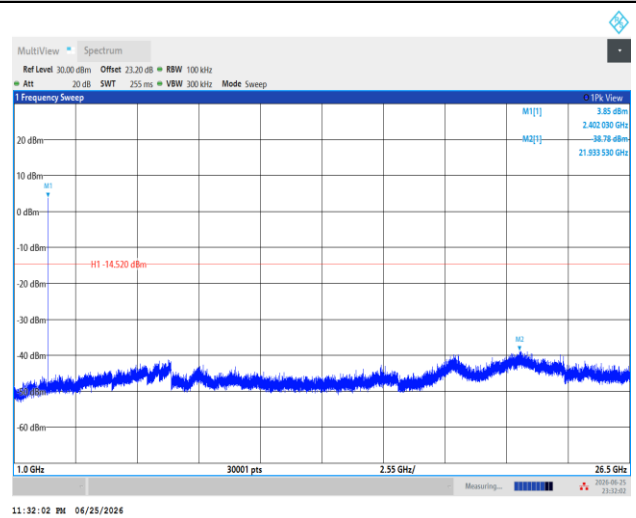


Power Density (dBm/3kHz) Plot Channel 39



**Band Edge and Conducted Spurious Emission**

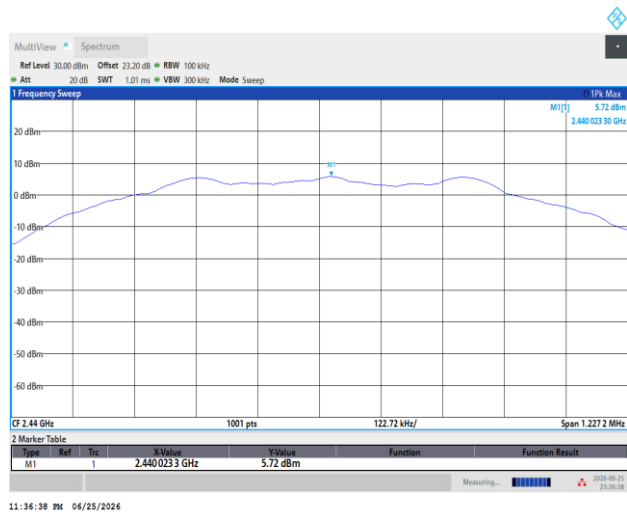
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Channel 00**100kHz PSD reference Level Plot****Plot on Channel 00****Spurious Emission 30MHz~1GHz Plot****Spurious Emission 1GHz~26.5GHz Plot**

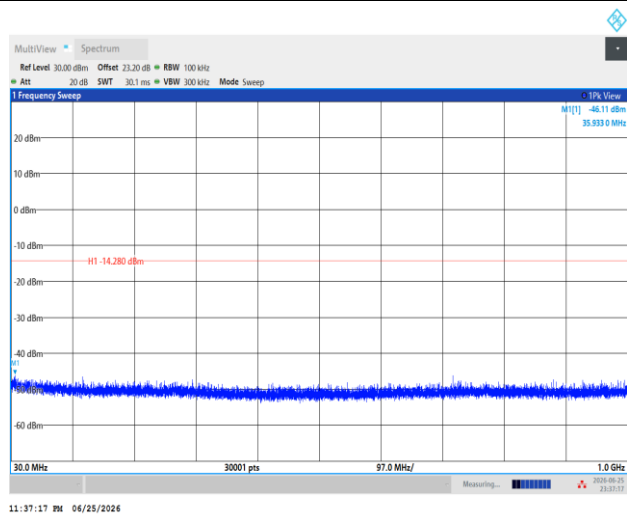


Channel 19

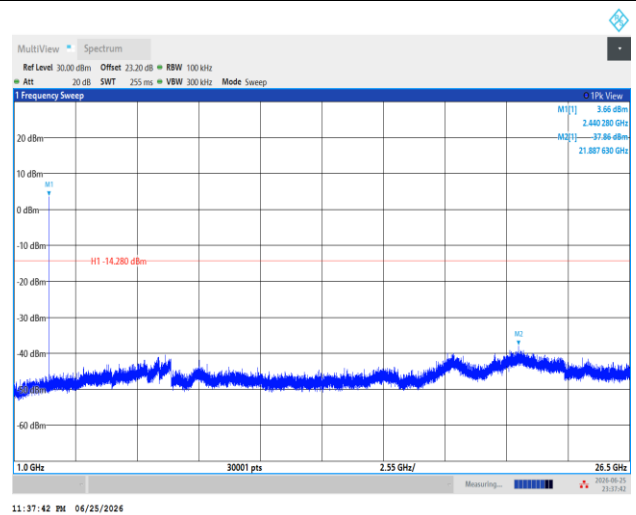
100kHz PSD reference Level Plot



Spurious Emission 30MHz~1GHz Plot



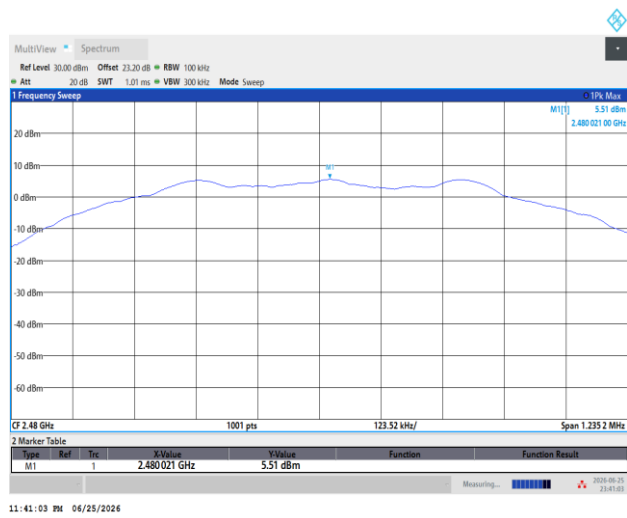
Spurious Emission 1GHz~26.5GHz Plot



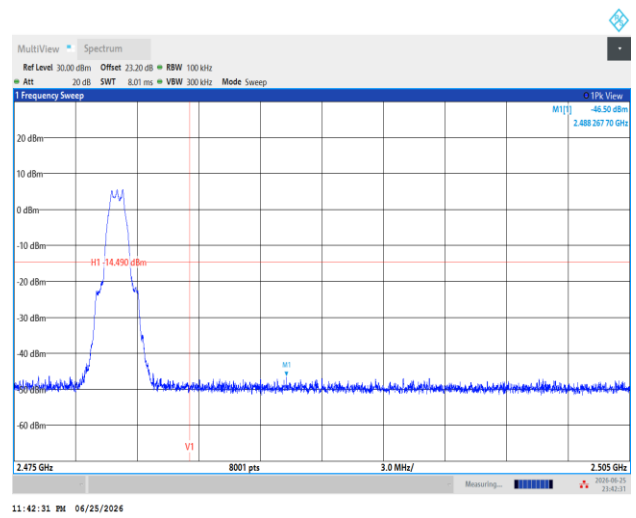


Channel 39

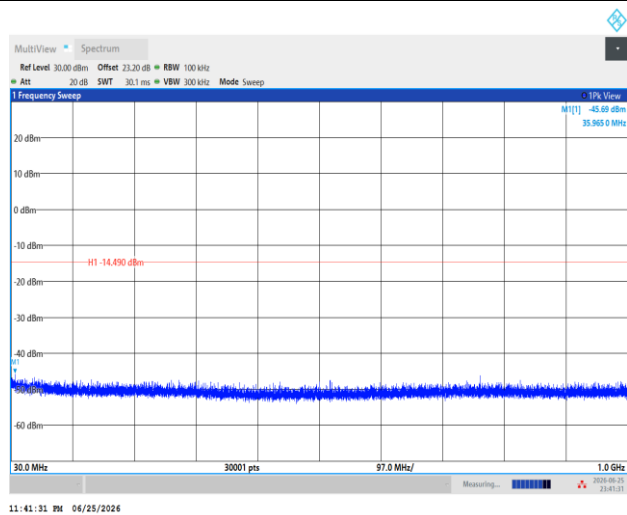
100kHz PSD reference Level Plot



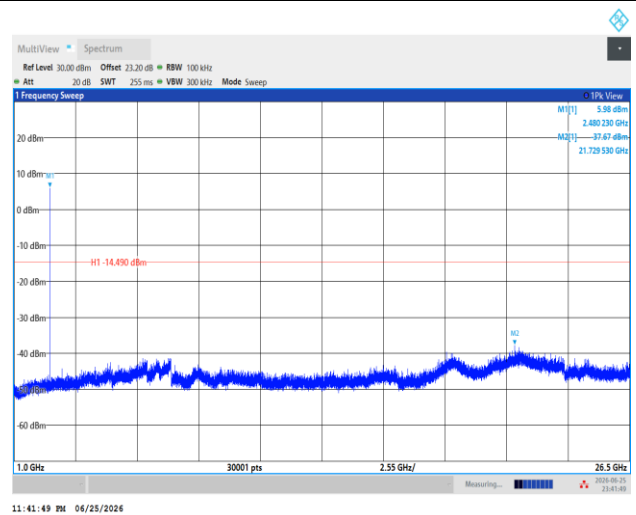
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot

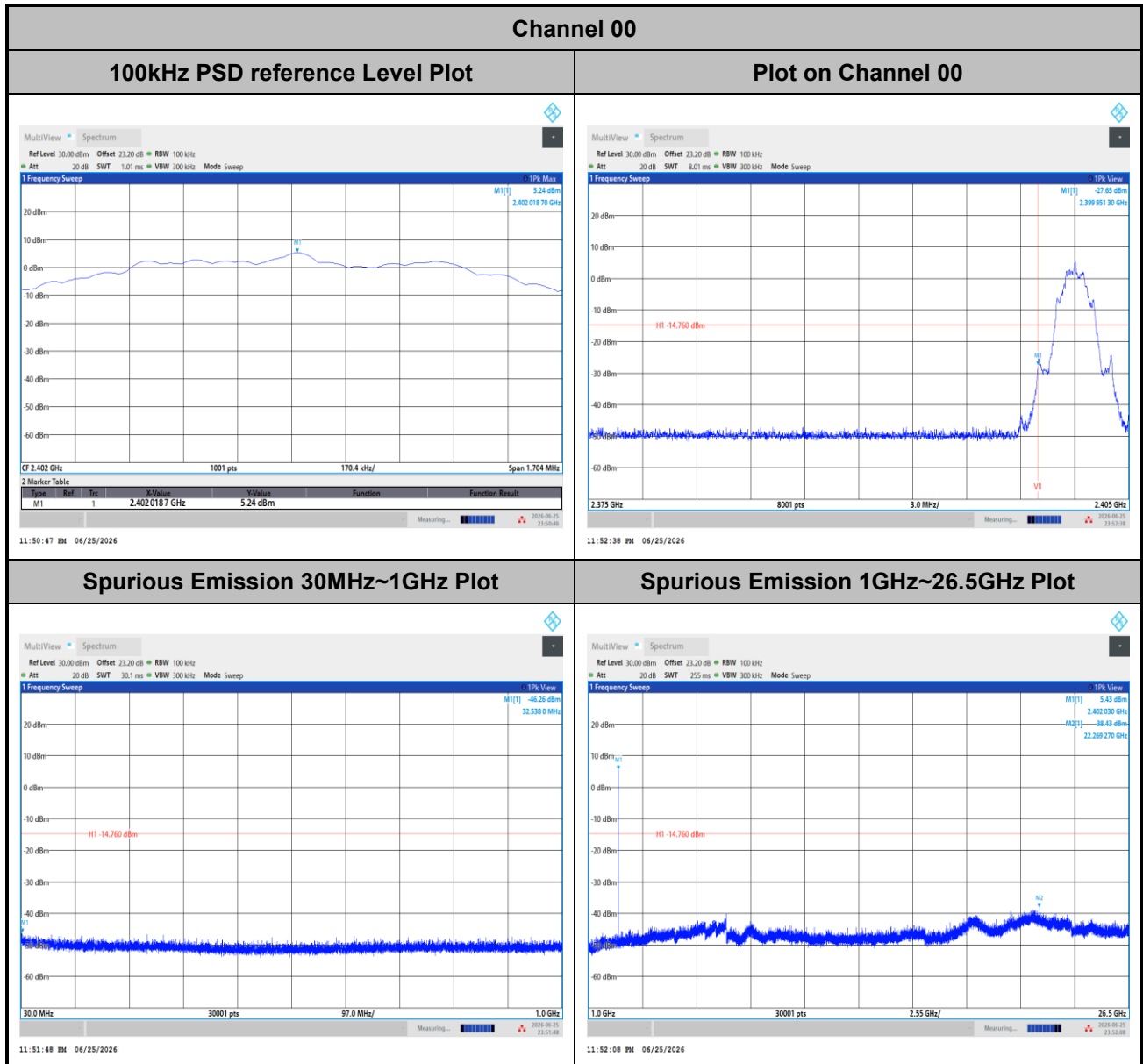


Spurious Emission 1GHz~26.5GHz Plot





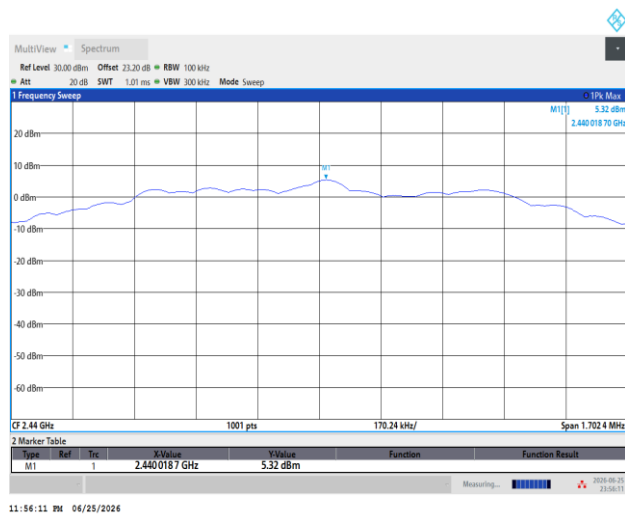
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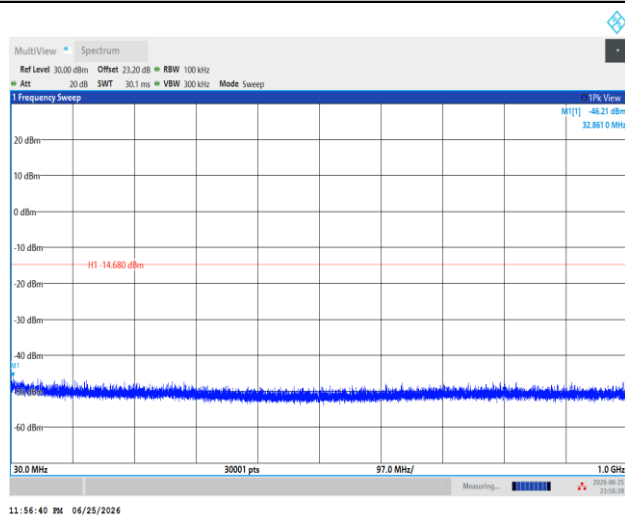


Channel 19

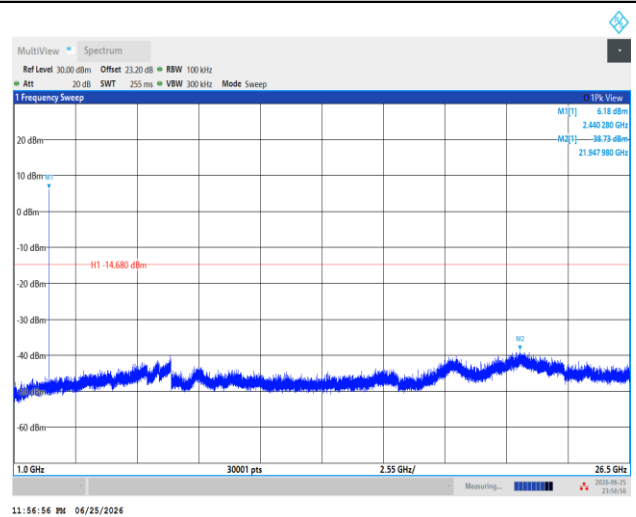
100kHz PSD reference Level Plot



Spurious Emission 30MHz~1GHz Plot



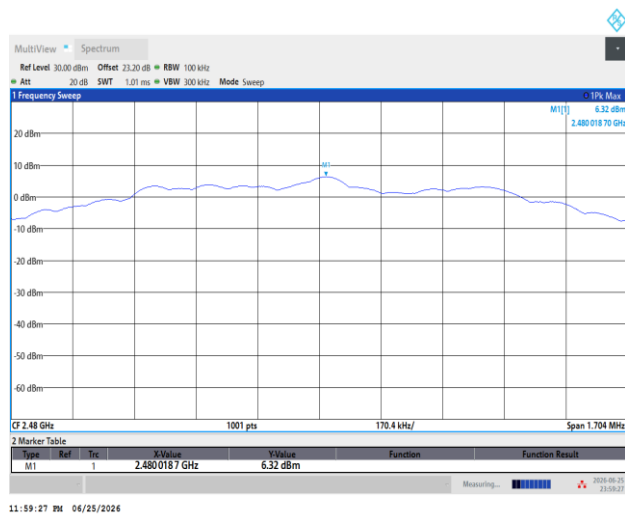
Spurious Emission 1GHz~26.5GHz Plot



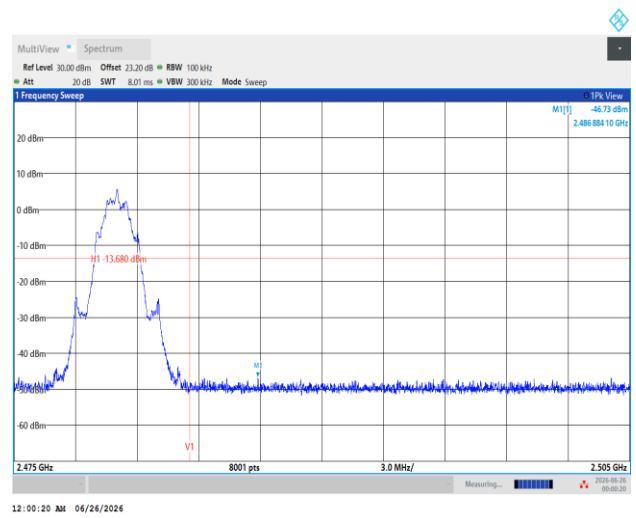


Channel 39

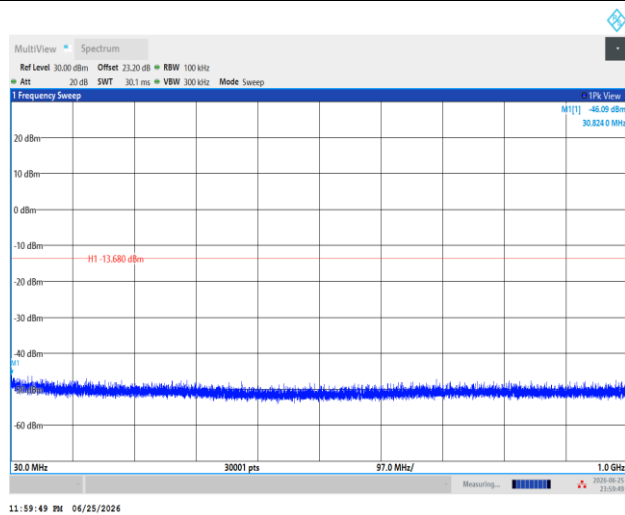
100kHz PSD reference Level Plot



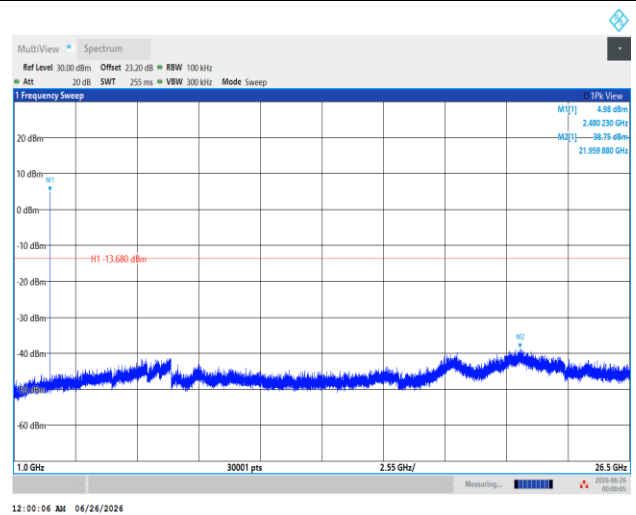
Plot on Channel 39



Spurious Emission 30MHz~1GHz Plot



Spurious Emission 1GHz~26.5GHz Plot





Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Jesse Wang, Stan Hsieh, Ken Wu	Temperature :	18.2~21.3°C
		Relative Humidity :	56.4~68.6%

Note symbol

-L	Low channel location
-R	High channel location

**<Bluetooth1 :55512 chip>****B1-1.Radiated Spurious Emission Test Modes**

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 12	2400-2483.5	BT1	Bluetooth-LE GSKF	00	2402	1Mbps	-	-
Mode 13	2400-2483.5	BT1	Bluetooth-LE GSKF	19	2440	1Mbps	-	-
Mode 14	2400-2483.5	BT1	Bluetooth-LE GSKF	39	2480	1Mbps	-	-
Mode 15	2400-2483.5	BT1	Bluetooth-LE GSKF	00	2402	2Mbps	-	-
Mode 16	2400-2483.5	BT1	Bluetooth-LE GSKF	19	2440	2Mbps	-	-
Mode 17	2400-2483.5	BT1	Bluetooth-LE GSKF	39	2480	2Mbps	-	-
Mode 18	2400-2483.5	BT1	Bluetooth-LE GSKF	19	2440	2Mbps	-	LF
Mode 19	2400-2483.5	BT1	Bluetooth-LE GSKF	19	2440	2Mbps	-	SHF

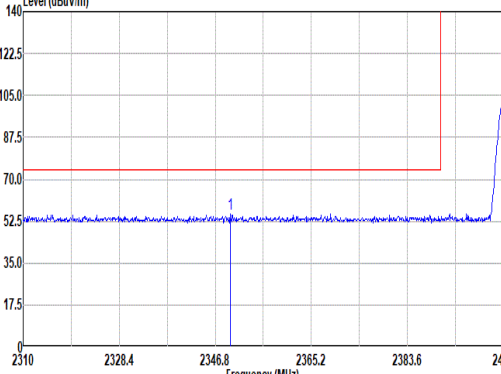
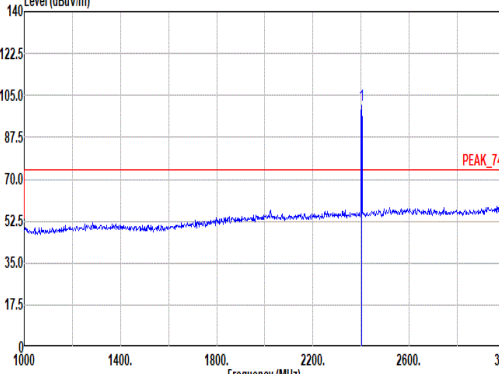
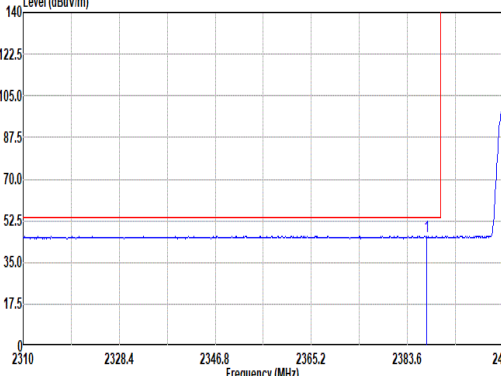
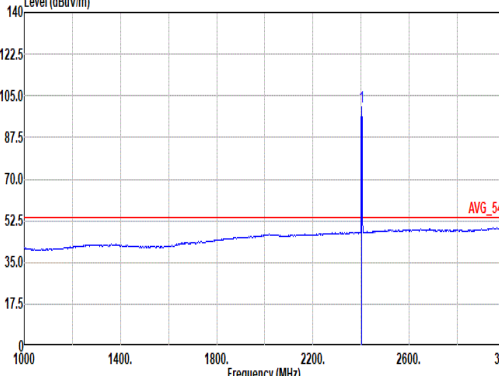
B1-2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
12	Bluetooth-LE GSKF	00	2363.27	46.22	54.00	-7.78	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	00	4804.00	43.37	74.00	-30.63	V	Peak	Pass	-	Harmonic
13	Bluetooth-LE GSKF	19	2497.66	46.85	54.00	-7.15	H	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	19	4880.00	44.30	74.00	-29.70	V	Peak	Pass	-	Harmonic
14	Bluetooth-LE GSKF	39	2486.96	47.01	54.00	-6.99	H	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	39	4960.00	44.44	74.00	-29.56	V	Peak	Pass	-	Harmonic
15	Bluetooth-LE GSKF	00	2387.92	46.60	54.00	-7.40	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	00	4804.00	44.79	74.00	-29.21	V	Peak	Pass	-	Harmonic
16	Bluetooth-LE GSKF	19	2496.04	47.26	54.00	-6.74	V	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	19	4880.00	44.35	74.00	-29.65	V	Peak	Pass	-	Harmonic
17	Bluetooth-LE GSKF	39	2483.68	47.09	54.00	-6.91	V	Avg.	Pass	-	Band Edge



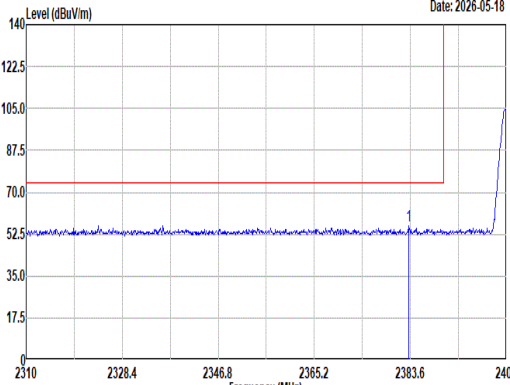
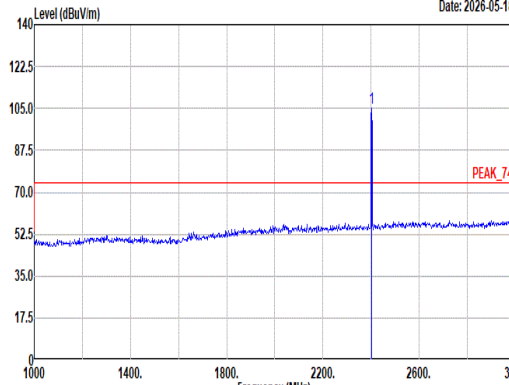
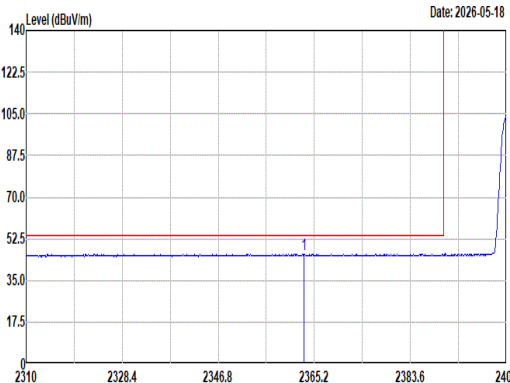
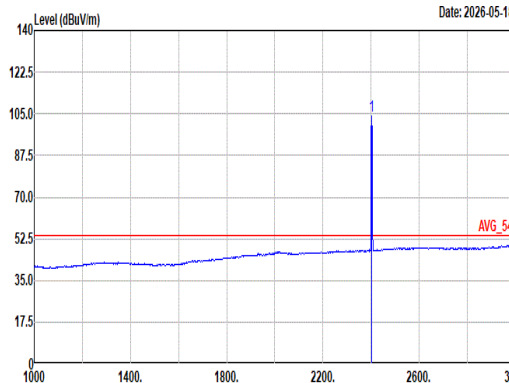
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
17	Bluetooth-LE GSKF	39	4960.00	44.20	74.00	-29.80	V	Peak	Pass	-	Harmonic
18	LF	19	30.00	31.50	40.00	-8.50	V	Peak	Pass	-	LF
19	SHF	19	24699.00	39.38	74.00	-34.62	V	Peak	Pass	-	SHF



Mode	12																																																																																							
	Band Edge																																																																																							
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																							
ANT	BT1																																																																																							
Pol.	Horizontal						Fundamental																																																																																	
Peak	Level (dBuV/m) Date: 2026-05-18 						Level (dBuV/m) Date: 2026-05-18 																																																																																	
	Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2349.65</td><td>55.73</td><td>74.00</td><td>-18.27</td><td>39.57</td><td>32.10</td><td>8.60</td><td>34.56</td><td>10.02</td><td>346</td><td>14</td><td>Peak</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2349.65	55.73	74.00	-18.27	39.57	32.10	8.60	34.56	10.02	346	14	Peak	Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2402.00</td><td>101.07</td><td>-----</td><td>-----</td><td>84.82</td><td>32.12</td><td>8.69</td><td>34.60</td><td>10.04</td><td>346</td><td>14</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2402.00	101.07	-----	-----	84.82	32.12	8.69	34.60	10.04	346	14
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																												
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																													
1	2349.65	55.73	74.00	-18.27	39.57	32.10	8.60	34.56	10.02	346	14	Peak																																																																												
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																												
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																													
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Avg	Level (dBuV/m) Date: 2026-05-18 						Level (dBuV/m) Date: 2026-05-18 																																																																																	
	Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2307.28</td><td>46.13</td><td>54.00</td><td>-7.87</td><td>29.92</td><td>32.10</td><td>8.67</td><td>34.59</td><td>10.03</td><td>346</td><td>14</td><td>Average</td></tr></table>							Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2307.28	46.13	54.00	-7.87	29.92	32.10	8.67	34.59	10.03	346	14	Average	Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>2402.00</td><td>100.22</td><td>-----</td><td>-----</td><td>83.97</td><td>32.12</td><td>8.69</td><td>34.60</td><td>10.04</td><td>346</td><td>14</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	2402.00	100.22	-----	-----	83.97	32.12	8.69	34.60	10.04	346	14
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1	2307.28	46.13	54.00	-7.87	29.92	32.10	8.67	34.59	10.03	346	14	Average																																																																												
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1	2402.00	100.22	-----	-----	83.97	32.12	8.69	34.60	10.04	346	14	Average																																																																												

Remark: In the left figure, points 1 are the noise floor



Mode	12																																																																																													
	Band Edge																																																																																													
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																													
ANT	BT1																																																																																													
Pol.	Vertical					Fundamental																																																																																								
Peak	Level (dBuV/m) Date: 2026-05-18  Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2383.23</td><td>56.22</td><td>74.00</td><td>-17.78</td><td>40.02</td><td>32.10</td><td>8.66</td><td>34.59</td><td>10.03</td><td>239 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2383.23	56.22	74.00	-17.78	40.02	32.10	8.66	34.59	10.03	239 Peak	Level (dBuV/m) Date: 2026-05-18  Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>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>104.94</td><td>-----</td><td>-----</td><td>88.69</td><td>32.12</td><td>8.69</td><td>34.60</td><td>10.04</td><td>239 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	104.94	-----	-----	88.69	32.12	8.69	34.60	10.04	239 Peak
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Avg	Level (dBuV/m) Date: 2026-05-18  Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2363.27</td><td>46.22</td><td>54.00</td><td>-7.78</td><td>29.96</td><td>32.17</td><td>8.63</td><td>34.57</td><td>10.03</td><td>239 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2363.27	46.22	54.00	-7.78	29.96	32.17	8.63	34.57	10.03	239 Average	Level (dBuV/m) Date: 2026-05-18  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL : RBW:1000.000kHz VBW:3.000kHz 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>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>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>104.12</td><td>-----</td><td>-----</td><td>87.87</td><td>32.12</td><td>8.69</td><td>34.60</td><td>10.04</td><td>239 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor	Factor					MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	104.12	-----	-----	87.87	32.12	8.69	34.60	10.04	239 Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																				
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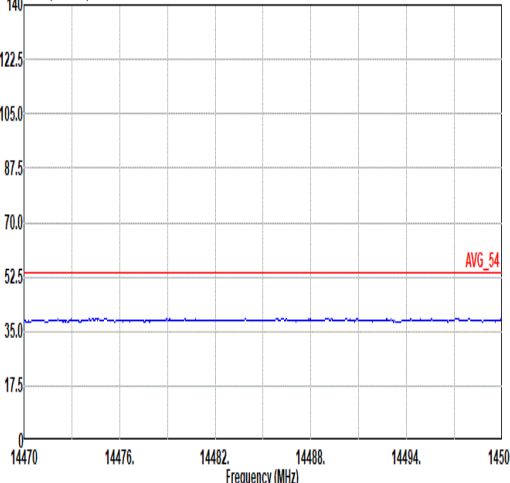
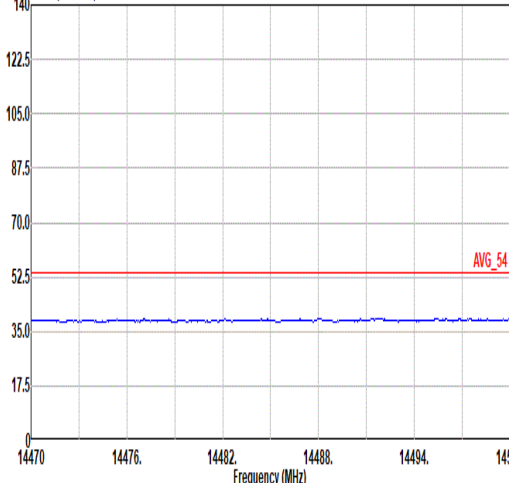
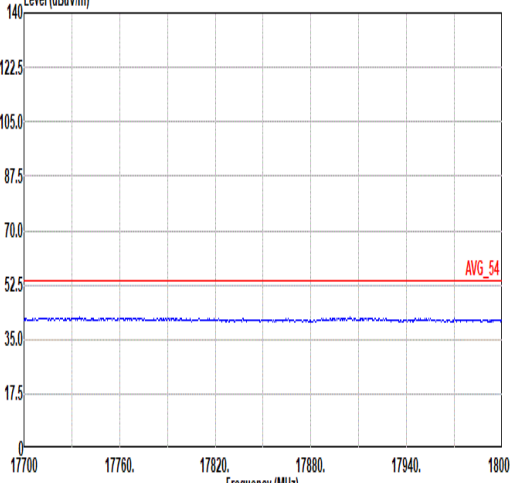
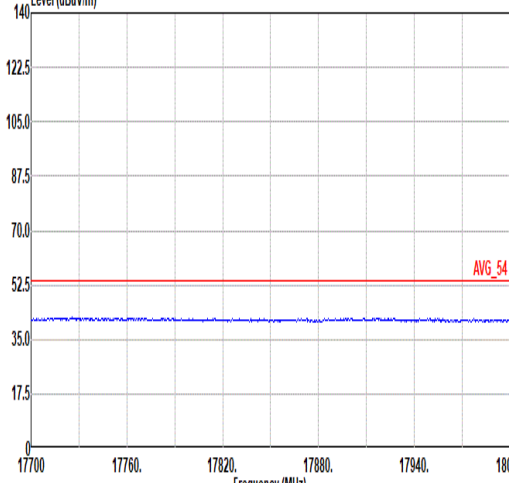
Remark: In the left figure, points 1 are the noise floor



Mode	12																																																																																																
	Harmonic																																																																																																
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																																
ANT	BT1																																																																																																
Pol.	Horizontal						Vertical																																																																																										
Peak Avg	Level (dBuV/m) Date: 2026-05-27 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 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><th>deg</th></tr><tr><td>1</td><td>4804.00</td><td>42.75</td><td>74.00</td><td>-31.25</td><td>53.14</td><td>34.50</td><td>12.31</td><td>58.10</td><td>0.90</td><td>--</td><td>Peak</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	4804.00	42.75	74.00	-31.25	53.14	34.50	12.31	58.10	0.90	--	Peak	Level (dBuV/m) Date: 2026-05-27 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 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><th>deg</th></tr><tr><td>1</td><td>4804.00</td><td>43.37</td><td>74.00</td><td>-30.63</td><td>53.76</td><td>34.50</td><td>12.31</td><td>58.10</td><td>0.90</td><td>--</td><td>Peak</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	4804.00	43.37	74.00	-30.63	53.76	34.50	12.31	58.10	0.90	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																								
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Remark: In the figure, points 1 are the noise floor



Mode	12	
	Harmonic	
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz	
ANT	BT1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-05-27  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-05-27  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
	Level (dBuV/m) Date: 2026-05-27  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-05-27  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL



Mode	13																																																																																			
	Band Edge - L																																																																																			
	2400-2483.5_Bluetooth-LE GSKF_CH19_2440MHz																																																																																			
ANT	BT1																																																																																			
Pol.	Horizontal						Fundamental																																																																													
Peak	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2376.69</td><td>55.25</td><td>74.00</td><td>-18.75</td><td>39.05</td><td>32.10</td><td>8.65</td><td>34.58</td><td>10.03</td><td>392</td><td>241</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2376.69	55.25	74.00	-18.75	39.05	32.10	8.65	34.58	10.03	392	241	Peak	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2440.00</td><td>102.52</td><td>-----</td><td>-----</td><td>85.97</td><td>32.40</td><td>8.76</td><td>34.62</td><td>10.01</td><td>392</td><td>241</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2440.00	102.52	-----	-----	85.97	32.40	8.76	34.62	10.01	392	241	Peak
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																								
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Avg	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2389.82</td><td>46.29</td><td>54.00</td><td>-7.71</td><td>30.07</td><td>32.10</td><td>8.67</td><td>34.59</td><td>10.04</td><td>392</td><td>241</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2389.82	46.29	54.00	-7.71	30.07	32.10	8.67	34.59	10.04	392	241	Average	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2440.00</td><td>101.68</td><td>-----</td><td>-----</td><td>85.13</td><td>32.40</td><td>8.76</td><td>34.62</td><td>10.01</td><td>392</td><td>241</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2440.00	101.68	-----	-----	85.13	32.40	8.76	34.62	10.01	392	241	Average
	Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																																																								
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Remark: In the left figure, points 1 are the noise floor



Mode	13																																														
	Band Edge - R																																														
	2400-2483.5_Bluetooth-LE GSKF_CH19_2440MHz																																														
ANT	BT1																																														
Pol.	Horizontal						Fundamental																																								
Peak	Level (dBuV/m) Date: 2026-05-18 Frequency (MHz) Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2489.02</td><td>56.35</td><td>74.00</td><td>-17.65</td><td>39.39</td><td>32.79</td><td>8.85</td><td>34.65</td><td>9.97</td><td>392</td><td>241</td><td>Peak</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2489.02	56.35	74.00	-17.65	39.39	32.79	8.85	34.65	9.97	392	241	Peak	Blank				
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																					
1 2489.02	56.35	74.00	-17.65	39.39	32.79	8.85	34.65	9.97	392	241	Peak																																				
Avg	Level (dBuV/m) Date: 2026-05-18 Frequency (MHz) Site : 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>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 2497.66</td><td>46.85</td><td>54.00</td><td>-7.15</td><td>29.00</td><td>32.88</td><td>8.87</td><td>34.66</td><td>9.96</td><td>392</td><td>241</td><td>Average</td></tr></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2497.66	46.85	54.00	-7.15	29.00	32.88	8.87	34.66	9.96	392	241	Average	Blank				
Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark																																				
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	Band Edge - L																																																																																			
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Pol.	Vertical						Fundamental																																																																													
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Remark: In the left figure, points 1 are the noise floor



Mode	13										
	Band Edge - R										
	2400-2483.5_Bluetooth-LE GSKF_CH19_2440MHz										
ANT	BT1										
Pol.	Vertical							Fundamental			
Peak											

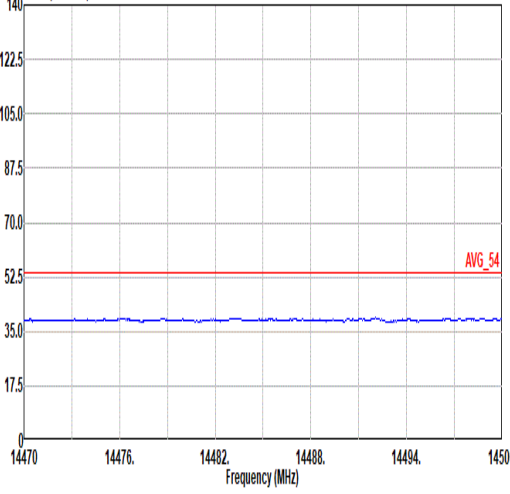
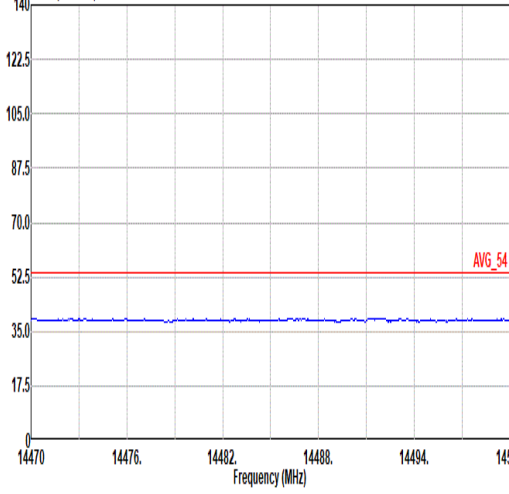
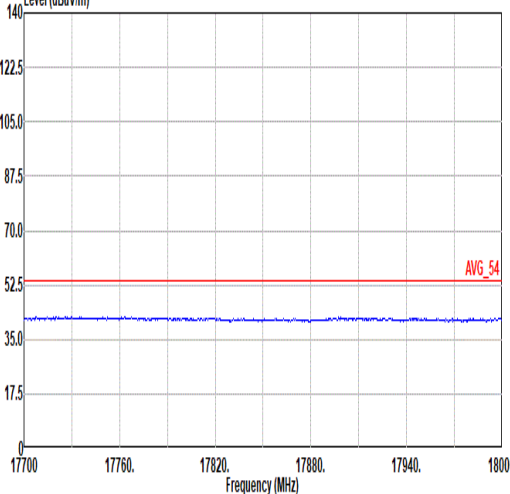
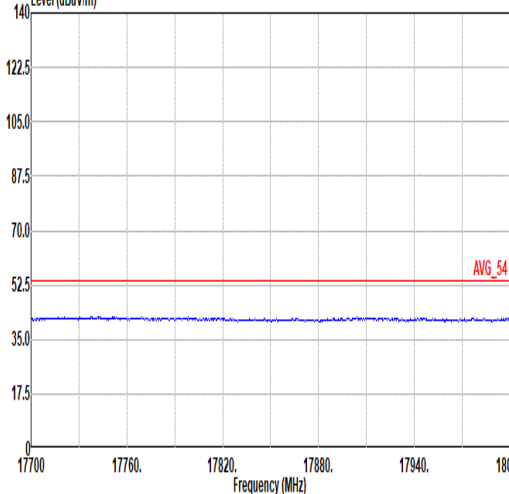
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Mode	13																																																																																																																									
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Peak Avg	Level (dBuV/m) Date: 2026-05-21 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 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>44.07</td><td>74.00</td><td>-29.93</td><td>54.32</td><td>34.44</td><td>12.41</td><td>57.99</td><td>0.89</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>44.11</td><td>74.00</td><td>-29.89</td><td>50.09</td><td>36.00</td><td>14.94</td><td>57.87</td><td>0.95</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	4880.00	44.07	74.00	-29.93	54.32	34.44	12.41	57.99	0.89	--	Peak	2	7320.00	44.11	74.00	-29.89	50.09	36.00	14.94	57.87	0.95	--	Peak	Level (dBuV/m) Date: 2026-05-21 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 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>44.30</td><td>74.00</td><td>-29.70</td><td>54.55</td><td>34.44</td><td>12.41</td><td>57.99</td><td>0.89</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>7320.00</td><td>43.83</td><td>74.00</td><td>-30.17</td><td>49.81</td><td>36.00</td><td>14.94</td><td>57.87</td><td>0.95</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	4880.00	44.30	74.00	-29.70	54.55	34.44	12.41	57.99	0.89	--	Peak	2	7320.00	43.83	74.00	-30.17	49.81	36.00	14.94	57.87	0.95	--	Peak
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Remark: In the figure, points 1.2 are the noise floor



Mode	13	
	Harmonic	
	2400-2483.5_Bluetooth-LE GSKF_CH19_2440MHz	
ANT	BT1	
Pol.	Horizontal	Vertical
14.47G ~14.5G Avg	Level (dBuV/m) Date: 2026-05-21  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-05-21  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL
	Level (dBuV/m) Date: 2026-05-21  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL	Level (dBuV/m) Date: 2026-05-21  Site : 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 VERTICAL



Mode	14																																																																																			
	Band Edge																																																																																			
	2400-2483.5_Bluetooth-LE GSKF_CH39_2480MHz																																																																																			
ANT	BT1																																																																																			
Pol.	Horizontal						Fundamental																																																																													
Peak	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 2496.64</td><td>56.43</td><td>74.00</td><td>-17.57</td><td>39.39</td><td>32.87</td><td>8.87</td><td>34.66</td><td>9.96</td><td>379</td><td>360</td><td>Peak</td></tr></tbody></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2496.64	56.43	74.00	-17.57	39.39	32.87	8.87	34.66	9.96	379	360	Peak	Level (dBuV/m) Date: 2026-05-18 Site : 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 2480.00</td><td>102.72</td><td>-----</td><td>-----</td><td>85.85</td><td>32.70</td><td>8.84</td><td>34.65</td><td>9.98</td><td>379</td><td>360</td><td>Peak</td></tr></tbody></table>						Freq	Level	Limit	Line Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1 2480.00	102.72	-----	-----	85.85	32.70	8.84	34.65	9.98	379	360	Peak
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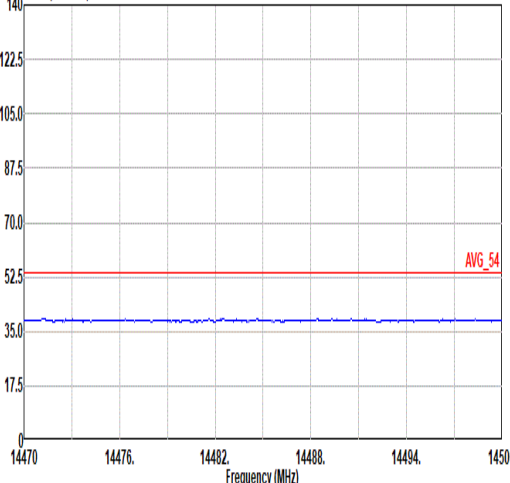
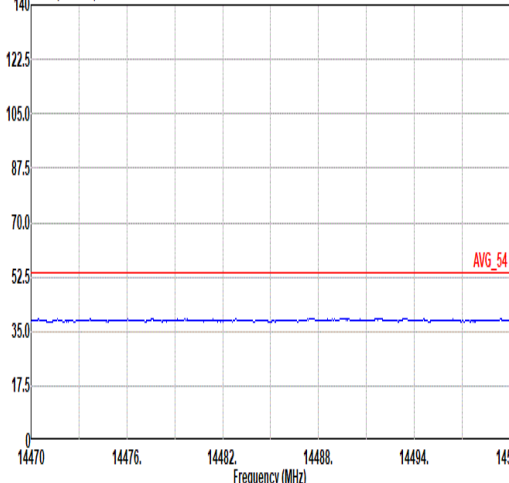
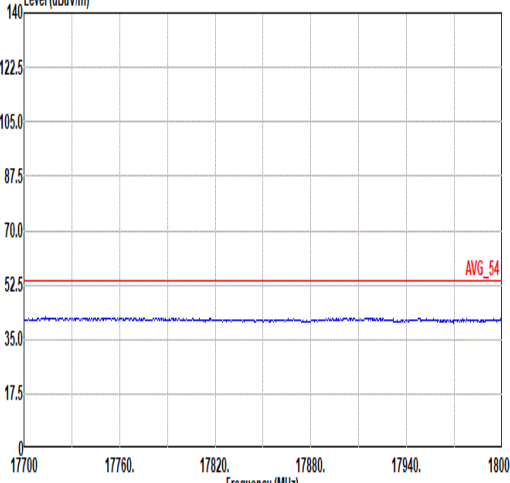
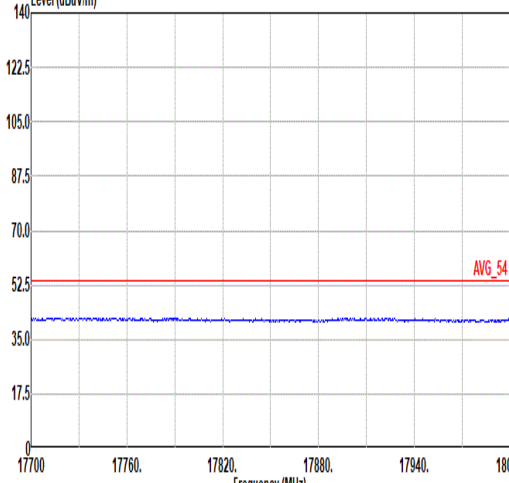
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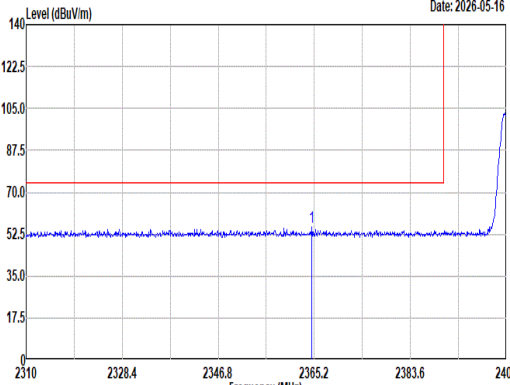
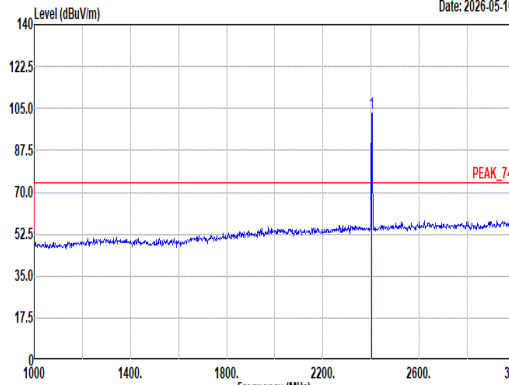
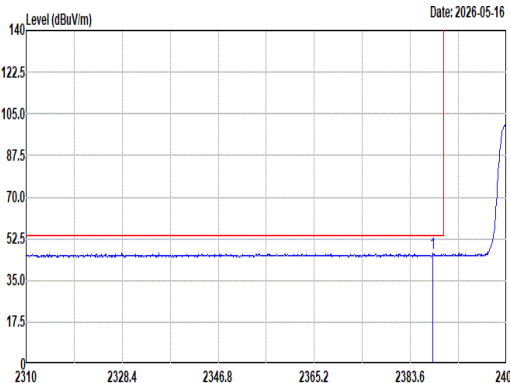
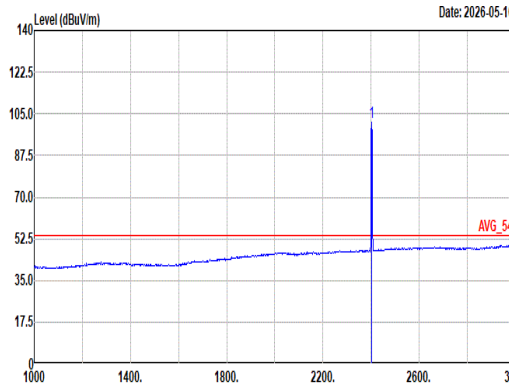
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	2400-2483.5_Bluetooth-LE GSKF_CH39_2480MHz	
ANT	BT1	
Pol.	Horizontal	Vertical
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