



FCC RF Test Report

APPLICANT : RealWear, Inc.
EQUIPMENT : Head Mounted Tablet
BRAND NAME : i.safe MOBILE, realwear
MODEL NAME : T21S
FCC ID : 2AJOR2101SAA
STANDARD : FCC Part 15 Subpart C §15.247
CLASSIFICATION : (DTS) Digital Transmission System
TEST DATE(S) : Sep. 08, 2023 ~ Sep. 23, 2023

We, Sporton International Inc. (Kunshan), 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 of Sporton International Inc. (Kunshan), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (Kunshan)

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR382801B	Rev. 01	Initial issue of report	Oct. 19, 2023



SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	6dB Bandwidth	$\geq 0.5\text{MHz}$	Pass	-
3.1	-	99% Bandwidth	-	Report only	-
3.2	15.247(b)(3)	Peak Output Power	$\leq 30\text{dBm}$	Pass	-
3.3	15.247(e)	Power Spectral Density	$\leq 8\text{dBm}/3\text{kHz}$	Pass	-
3.4	15.247(d)	Conducted Band Edges and Spurious Emission	$\leq 20\text{dBc}$	Pass	-
3.5	15.247(d)	Radiated Band Edges and Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 8.04 dB at 2495.86 MHz
3.6	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 14.87 dB at 4.647 MHz
3.7	15.203 & 15.247(b)	Antenna Requirement	15.203 & 15.247(b)	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:

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.



1 General Description

1.1 Applicant

RealWear, Inc.

600 Hatheway Road, Vancouver, WA, 98661

1.2 Manufacturer

i.safe MOBILE GmbH

i_Park Tauberfranken 10, 97922, Lauda-Koenigshofen, Germany

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Head Mounted Tablet
Brand Name	i.safe MOBILE, realwear
Model Name	T21S
FCC ID	2AJOR2101SAA
SN	Conducted: D2B6P806N2761239 Conduction: D2B6P806N2761109 Radiation: D2B6P806N2761020
HW Version	A
SW Version	1.0.4-14-T.NAVIGATOR-Z1.S
EUT Stage	Identical Prototype

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	2402 MHz ~ 2480 MHz
Number of Channels	40
Carrier Frequency of Each Channel	40 Channel(37 hopping + 3 advertising channel)
Maximum Output Power to Antenna	BLE 1Mbps: 5.18 dBm (0.0033 W) BLE 2Mbps: 5.55 dBm (0.0036 W)
99% Occupied Bandwidth	BEL 1Mbps: 1.019 MHz BEL 2Mbps: 2.010 MHz
Antenna Type / Gain	PIFA Antenna with gain 2.86 dBi
Type of Modulation	Bluetooth LE : GFSK

1.5 Modification of EUT

No modifications are made to the EUT during all test items.



1.6 Testing Location

Sporton International Inc. (Kunshan) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International Inc. (Kunshan)		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH06-KS TH01-KS	CN1257	314309

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	TH01-KS	Tonscend	JS1120-3 test system China_210602	3.3.10
2.	03CH06-KS	AUDIX	E3	210616
3.	CO01-KS	AUDIX	E3	6.2009-8-24

1.8 Applicable Standards

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

- ♦ 47 CFR Part 15 Subpart C §15.247
- ♦ FCC KDB 558074 D01 15.247 Meas Guidance v05r02
- ♦ ANSI C63.10-2013

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. 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)
2400-2483.5 MHz	0	2402	21	2444
	1	2404	22	2446
	2	2406	23	2448
	3	2408	24	2450
	4	2410	25	2452
	5	2412	26	2454
	6	2414	27	2456
	7	2416	28	2458
	8	2418	29	2460
	9	2420	30	2462
	10	2422	31	2464
	11	2424	32	2466
	12	2426	33	2468
	13	2428	34	2470
	14	2430	35	2472
	15	2432	36	2474
	16	2434	37	2476
	17	2436	38	2478
	18	2438	39	2480
	19	2440	-	-
	20	2442	-	-

2.2 Test Mode

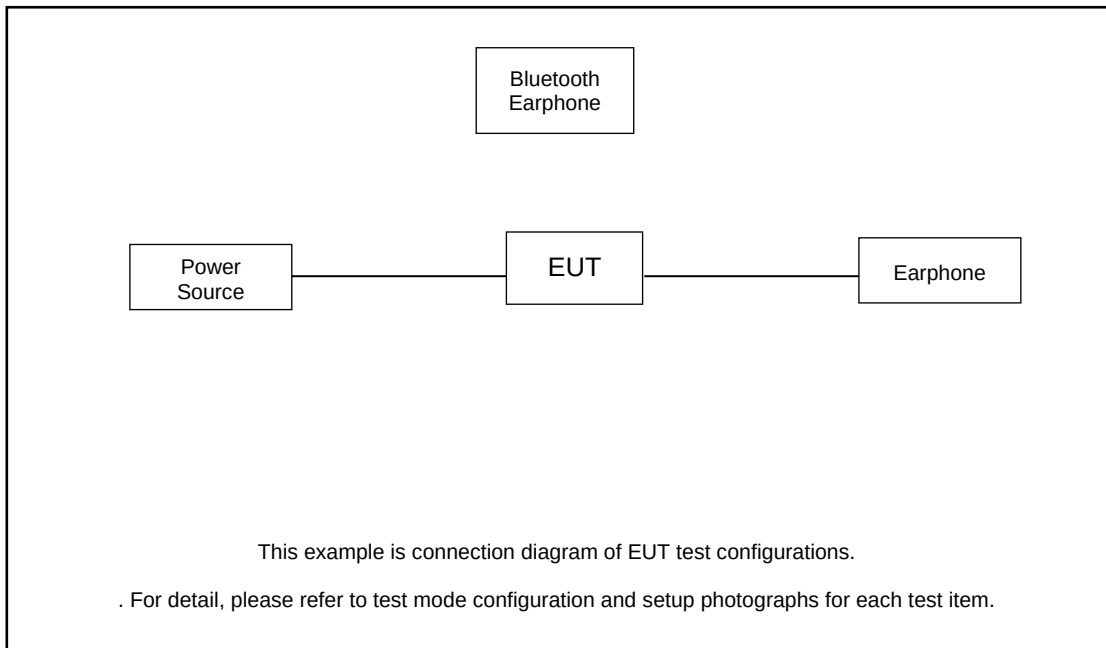
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- 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.

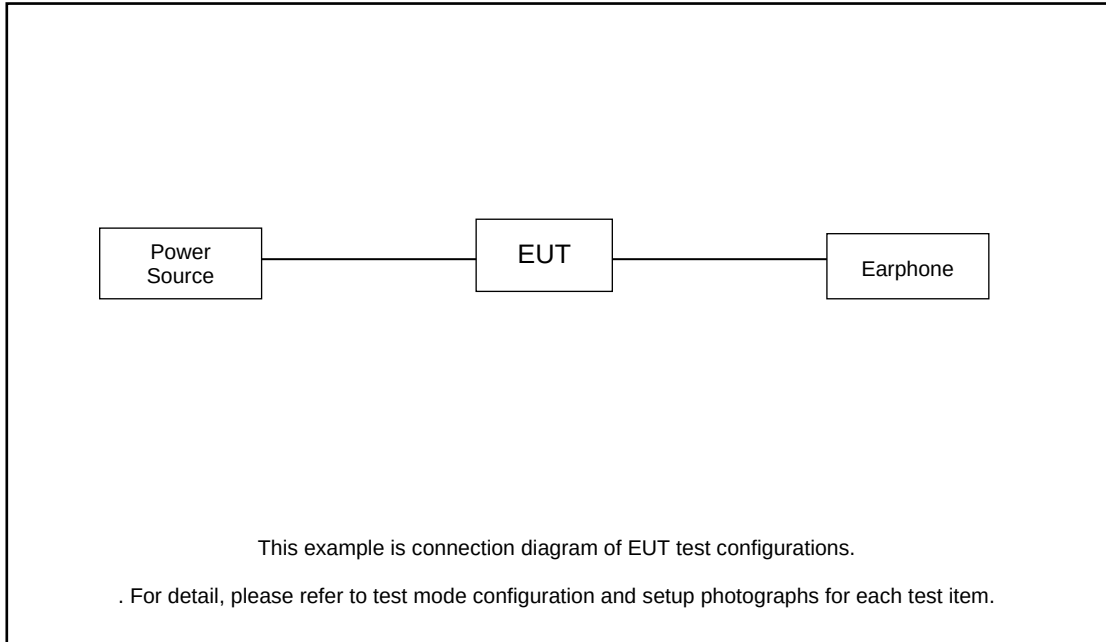
Summary table of Test Cases	
Test Item	Data Rate / Modulation
	Bluetooth – LE / GFSK
Conducted TCs	Mode 1: Bluetooth Tx CH00_2402 MHz Mode 2: Bluetooth Tx CH19_2440 MHz Mode 3: Bluetooth Tx CH39_2480 MHz
Radiated TCs	Mode 1: Bluetooth Tx CH00_2402 MHz Mode 2: Bluetooth Tx CH19_2440 MHz Mode 3: Bluetooth Tx CH39_2480 MHz
AC Conducted Emission	Mode 1: WLAN Link (2.4G) + Bluetooth Link + Adaptor + USB Cable + Earphone
Remark: For Radiated Test Cases, The tests were performance with Adapter, Earphone and USB Cable	

2.3 Connection Diagram of Test System

AC Conducted Emission:



Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Lenovo	thinkplus-BH3	N/A	N/A	N/A
2.	Notebook	Lenovo	G480	QDS-BRCM1050I	N/A	shielded cable DC O/P 1.8m Unshielded AC I/P cable 1.8m
3.	WLAN AP	D-link	DIR-655	KA21R655B1	N/A	Unshielded,1.8m
4.	Adapter	realwear	CK18W02U	N/A	N/A	N/A
5.	Earphone	apple	NA	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For BLE function, the engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the WLAN AP under large package sizes transmission.

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 2.19 dB and 10dB attenuator.

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 2.19 + 10 = 12.19 \text{ (dB)}
 \end{aligned}$$

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.

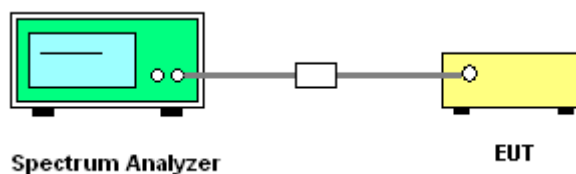
3.1.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.1.3 Test Procedures

1. The testing follows ANSI C63.10-2013 clause 11.8
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6 dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1% to 5% of the 99% OBW and the VBW is set to 3 times of the 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 2400-2483.5MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi 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 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

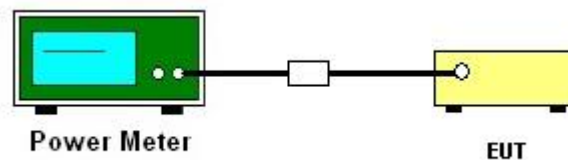
3.2.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.2.3 Test Procedures

1. The testing follows the Measurement Procedure of ANSI C63.10-2013 clause 11.9.1.3 PKPM1 Peak power meter or ANSI C63.10-2013 clause 11.9.2.3.1 Method AVGPM method.
2. The RF output of EUT was connected to the power meter by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Measure the conducted output power and record the results in the test report.

3.2.4 Test Setup



3.2.5 Test Result of Peak Output Power

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	5.18	30.00	2.86	8.04	36.00	Pass
BLE	1Mbps	1	19	2440	5.17	30.00	2.86	8.03	36.00	Pass
BLE	1Mbps	1	39	2480	4.08	30.00	2.86	6.94	36.00	Pass

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	5.55	30.00	2.86	8.41	36.00	Pass
BLE	2Mbps	1	19	2440	5.39	30.00	2.86	8.25	36.00	Pass
BLE	2Mbps	1	39	2480	4.29	30.00	2.86	7.15	36.00	Pass

3.2.6 Test Result of Average Output Power (Reporting Only)

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
BLE	1Mbps	1	0	2402	2.07	5.11
BLE	1Mbps	1	19	2440	2.07	5.01
BLE	1Mbps	1	39	2480	2.07	3.81

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)
BLE	2Mbps	1	0	2402	4.87	5.21
BLE	2Mbps	1	19	2440	4.87	5.03
BLE	2Mbps	1	39	2480	4.87	4.05

Remark: Power setting is the default, and duty cycle factor has been added to the final results.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

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

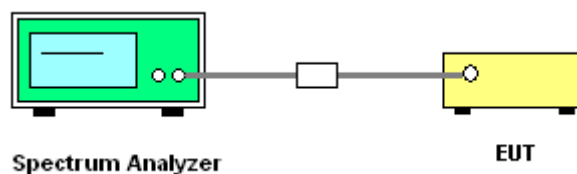
3.3.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.3.3 Test Procedures

1. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.2 Method PKPSD.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT 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. (6dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.
7. The Measured power density (dBm)/ 100kHz is a reference level and used as 20dBc 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.

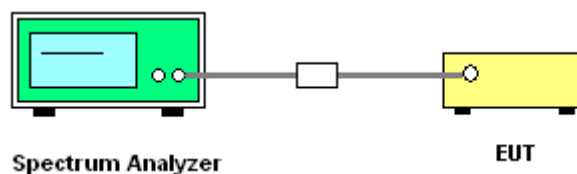
3.4.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.4.3 Test Procedure

1. The testing follows ANSI C63.10-2013 clause 11.13
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement.
3. Set to the maximum power setting and enable the EUT transmit continuously.
4. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.
5. Measure and record the results in the test report.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

3.4.4 Test Setup



3.4.5 Test Result of Conducted Band Edges Plots

Please refer to Appendix A.

3.4.6 Test Result of Conducted Spurious Emission Plots

Please refer to Appendix A.

3.5 Radiated Band Edges and Spurious Emission Measurement

3.5.1 Limit of Radiated Band Edges and Spurious Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

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

3.5.2 Measuring Instruments

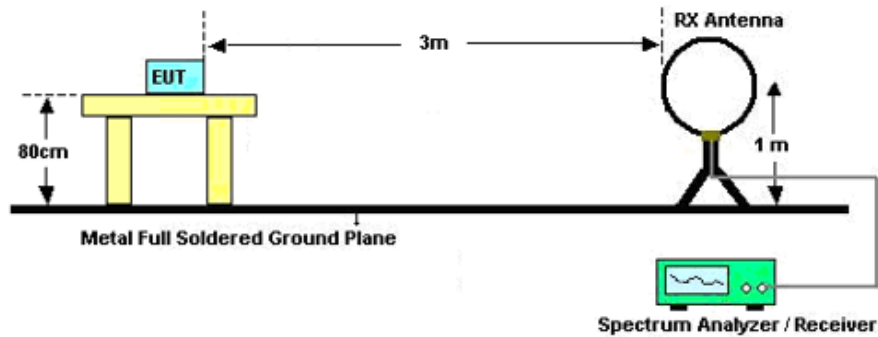
The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.5.3 Test Procedures

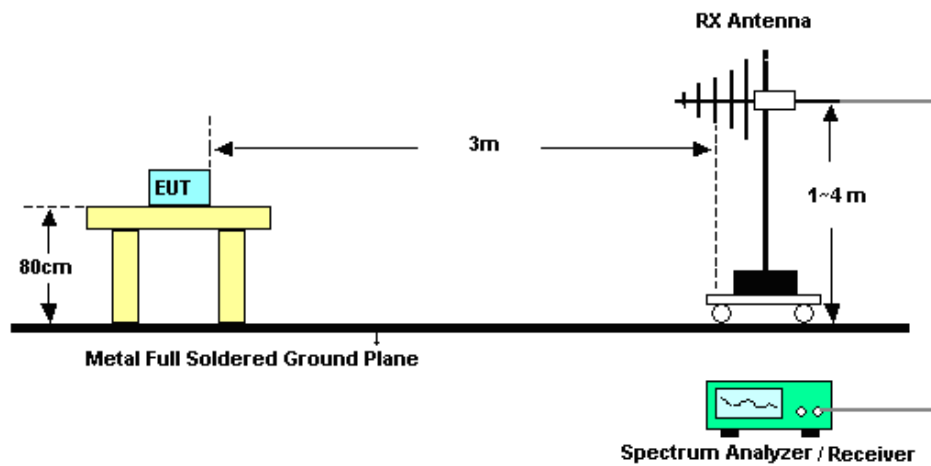
1. The testing follows ANSI C63.10-2013 clause 11.11 & 11.12
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
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= 3MHz 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

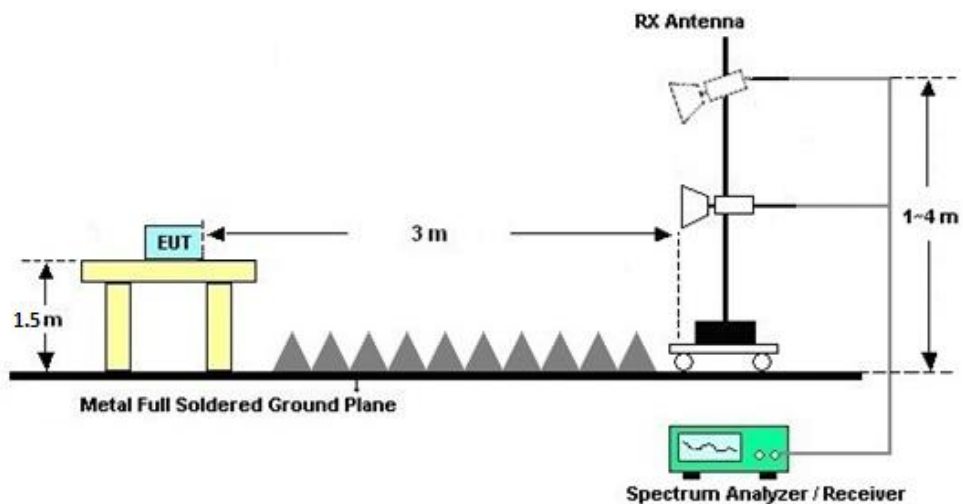
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.5.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.5.7 Duty Cycle

Please refer to Appendix D.

3.5.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C.

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

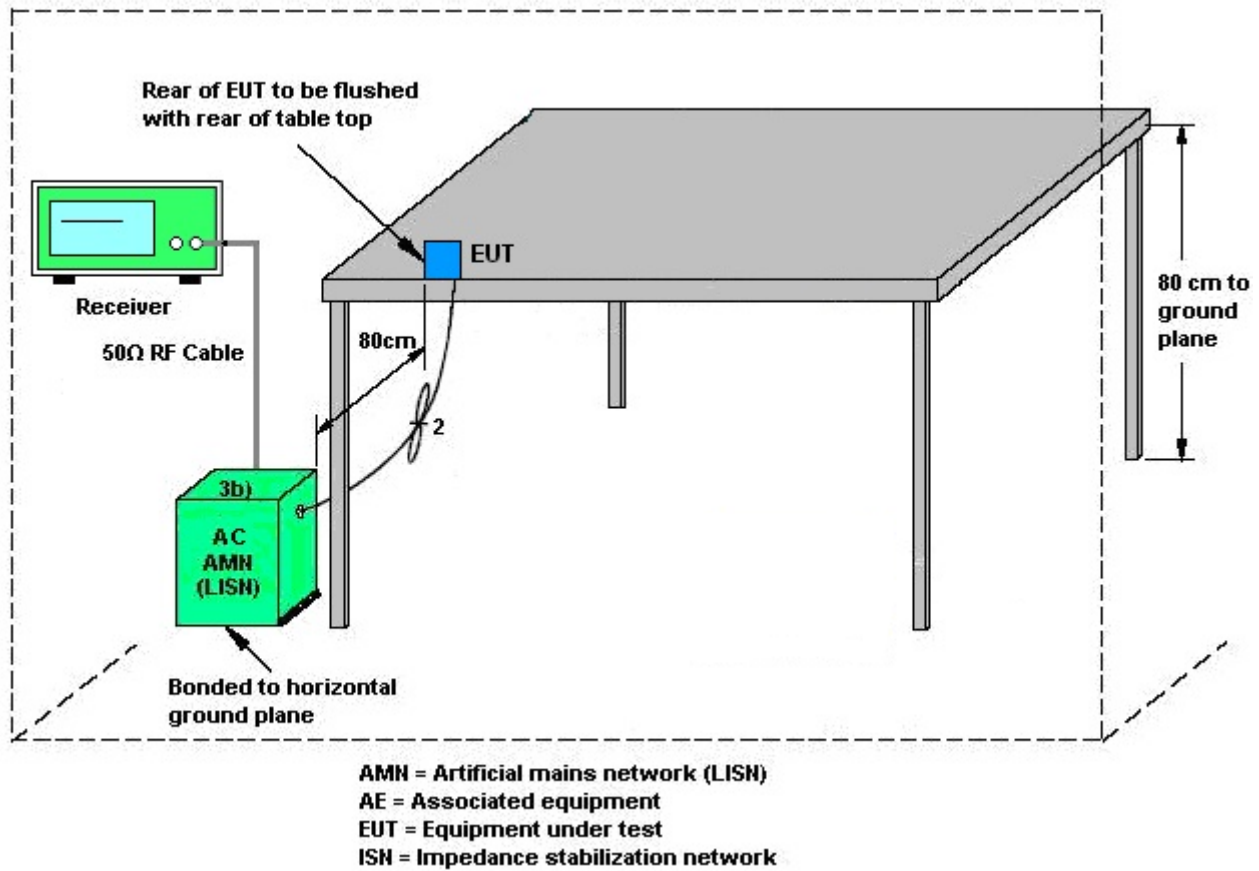
3.6.2 Measuring Instruments

The section 4.0 of List of Measuring Equipment of this test report is used for test.

3.6.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was 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 should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.6.4 Test Setup



3.6.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz;Max 30dBm	Oct. 13, 2022	Sep. 19, 2023~Sep. 23, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010B	MY60242126	10Hz~44GHz	Oct. 13, 2022	Sep. 19, 2023~Sep. 23, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Oct. 16, 2022	Sep. 19, 2023~Sep. 23, 2023	Oct. 15, 2023	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz~1GHz	Apr. 09, 2023	Sep. 19, 2023~Sep. 23, 2023	Apr. 08, 2024	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 06, 2023	Sep. 19, 2023~Sep. 23, 2023	Apr. 05, 2024	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101093	18GHz~40GHz	Jan. 08, 2023	Sep. 19, 2023~Sep. 23, 2023	Jan. 07, 2024	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	380827	9KHz ~1GHZ	Jul. 06, 2023	Sep. 19, 2023~Sep. 23, 2023	Jul. 05, 2024	Radiation (03CH06-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 05, 2023	Sep. 19, 2023~Sep. 23, 2023	Jan. 04, 2024	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-00101800-30-10P	2082395	1Ghz~18Ghz	Jan. 05, 2023	Sep. 19, 2023~Sep. 23, 2023	Jan. 04, 2024	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY53270319	500MHz~26.5GHz	Oct. 12, 2022	Sep. 19, 2023~Sep. 23, 2023	Oct. 12, 2023	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	Sep. 19, 2023~Sep. 23, 2023	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	Sep. 19, 2023~Sep. 23, 2023	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	Sep. 19, 2023~Sep. 23, 2023	NCR	Radiation (03CH06-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	May 16, 2023	Sep. 12, 2023	May 15, 2024	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 13, 2022	Sep. 12, 2023	Oct. 12, 2023	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	May 16, 2023	Sep. 12, 2023	May 15, 2024	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 12, 2022	Sep. 12, 2023	Oct. 11, 2023	Conduction (CO01-KS)
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Oct. 12, 2022	Sep. 08, 2023	Oct. 11, 2023	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 05, 2023	Sep. 08, 2023	Jan. 04, 2024	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1435004	50MHz Bandwidth	Jan. 05, 2023	Sep. 08, 2023	Jan. 04, 2024	Conducted (TH01-KS)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±0.46 dB
Conducted Emissions	±2.26 dB
Occupied Channel Bandwidth	±0.001 %
Conducted Power Spectral Density	±0.88 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.94 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.26 dB
---	---------

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.02 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))	5.26 dB
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----- THE END -----



Appendix A. Conducted Test Results

Ambient Condition: 25 °C, 45 %RHTest Date: 2023.9.8Test Engineer: Long Wu

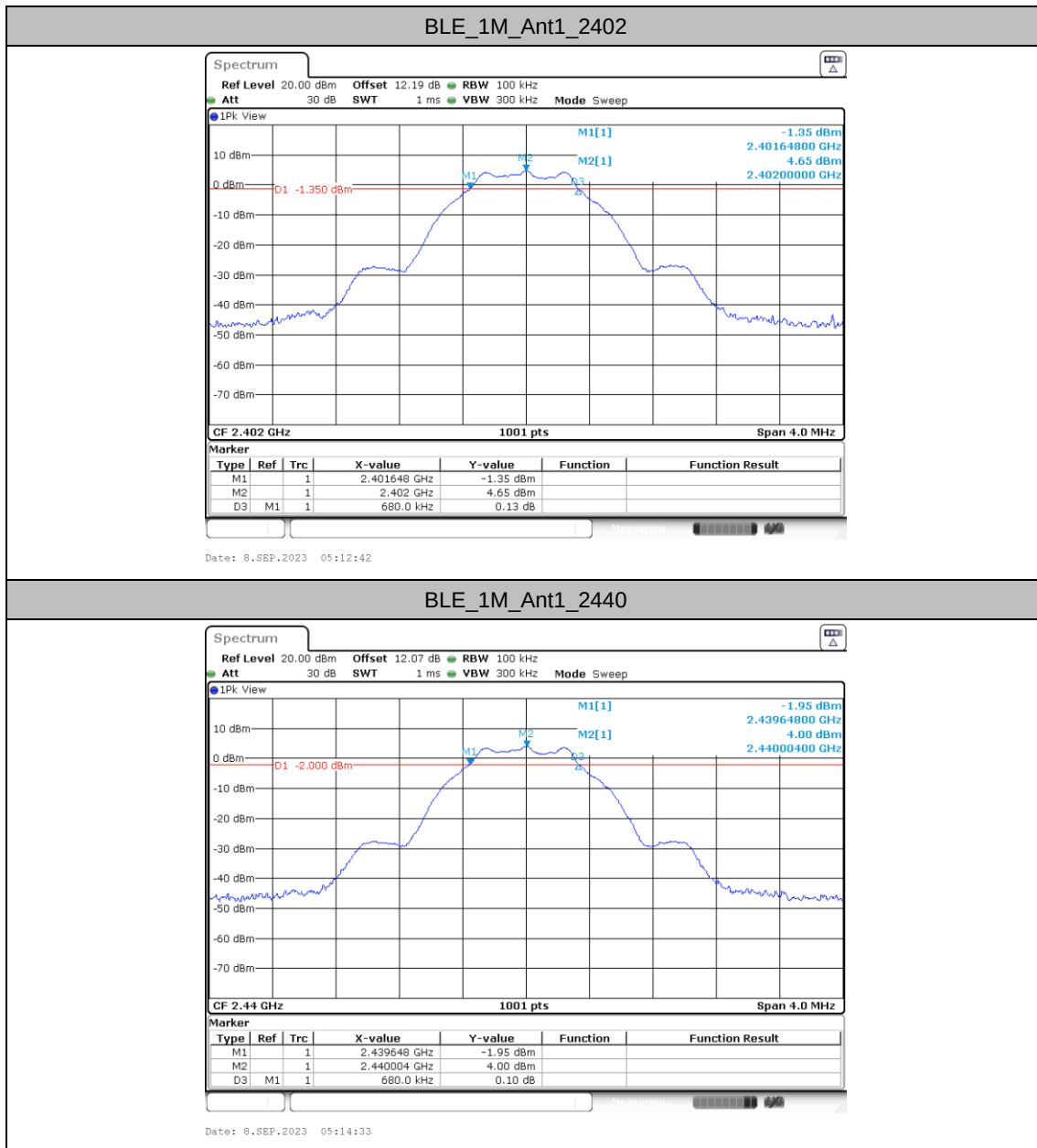
DTS Bandwidth

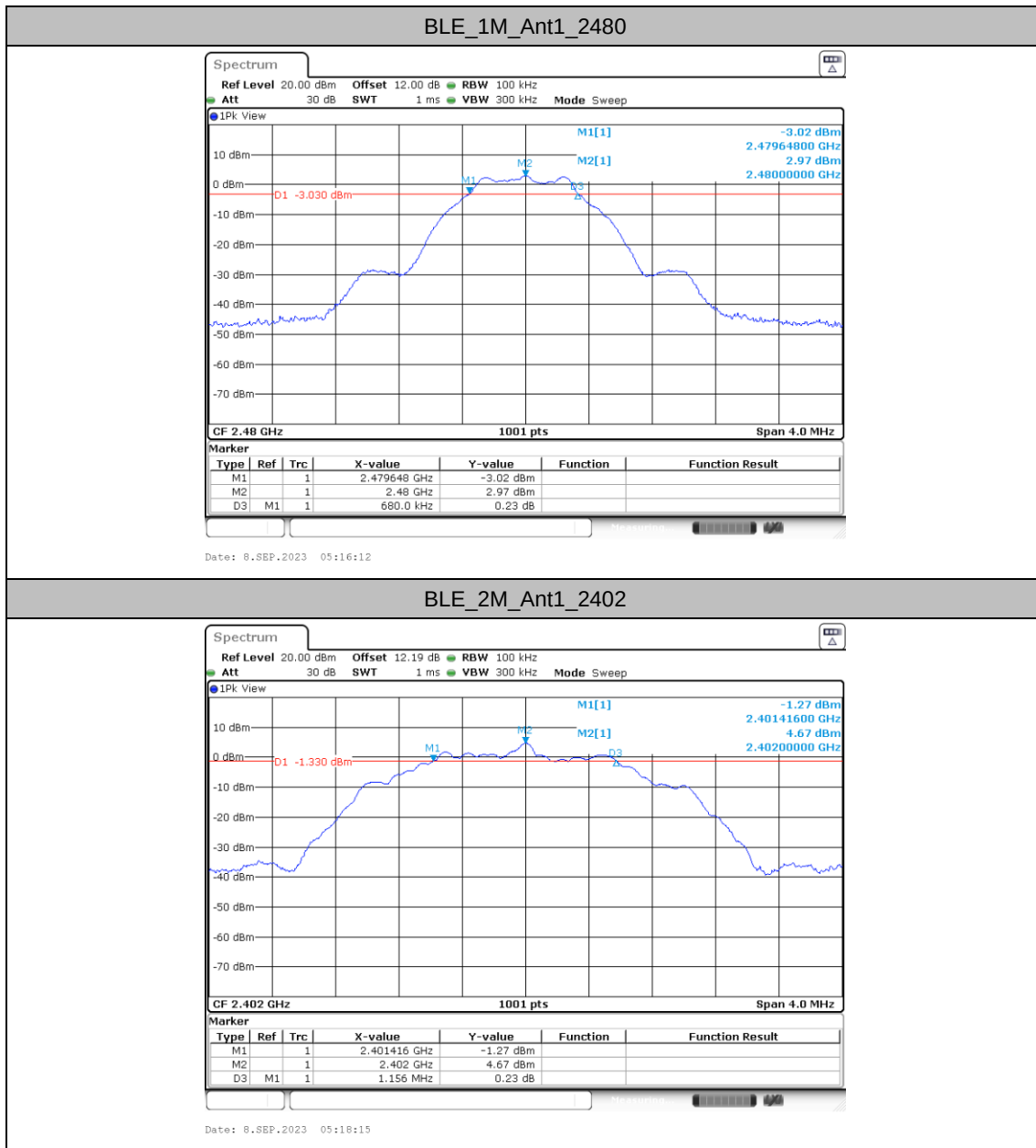
Test Result

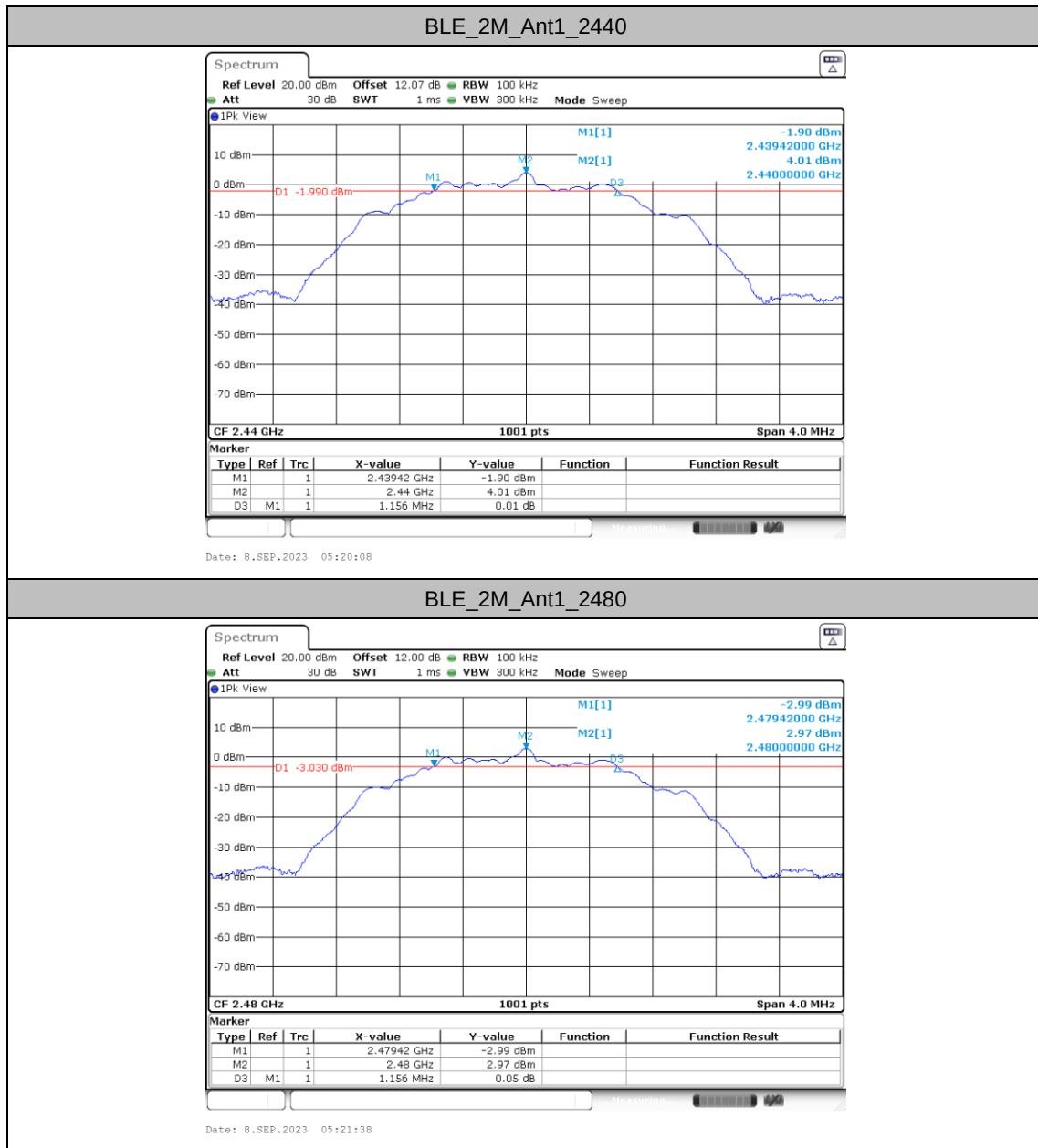
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.68	2401.65	2402.33	0.5	PASS
		2440	0.68	2439.65	2440.33	0.5	PASS
		2480	0.68	2479.65	2480.33	0.5	PASS
BLE_2M	Ant1	2402	1.16	2401.42	2402.57	0.5	PASS
		2440	1.16	2439.42	2440.58	0.5	PASS
		2480	1.16	2479.42	2480.58	0.5	PASS



Test Graphs









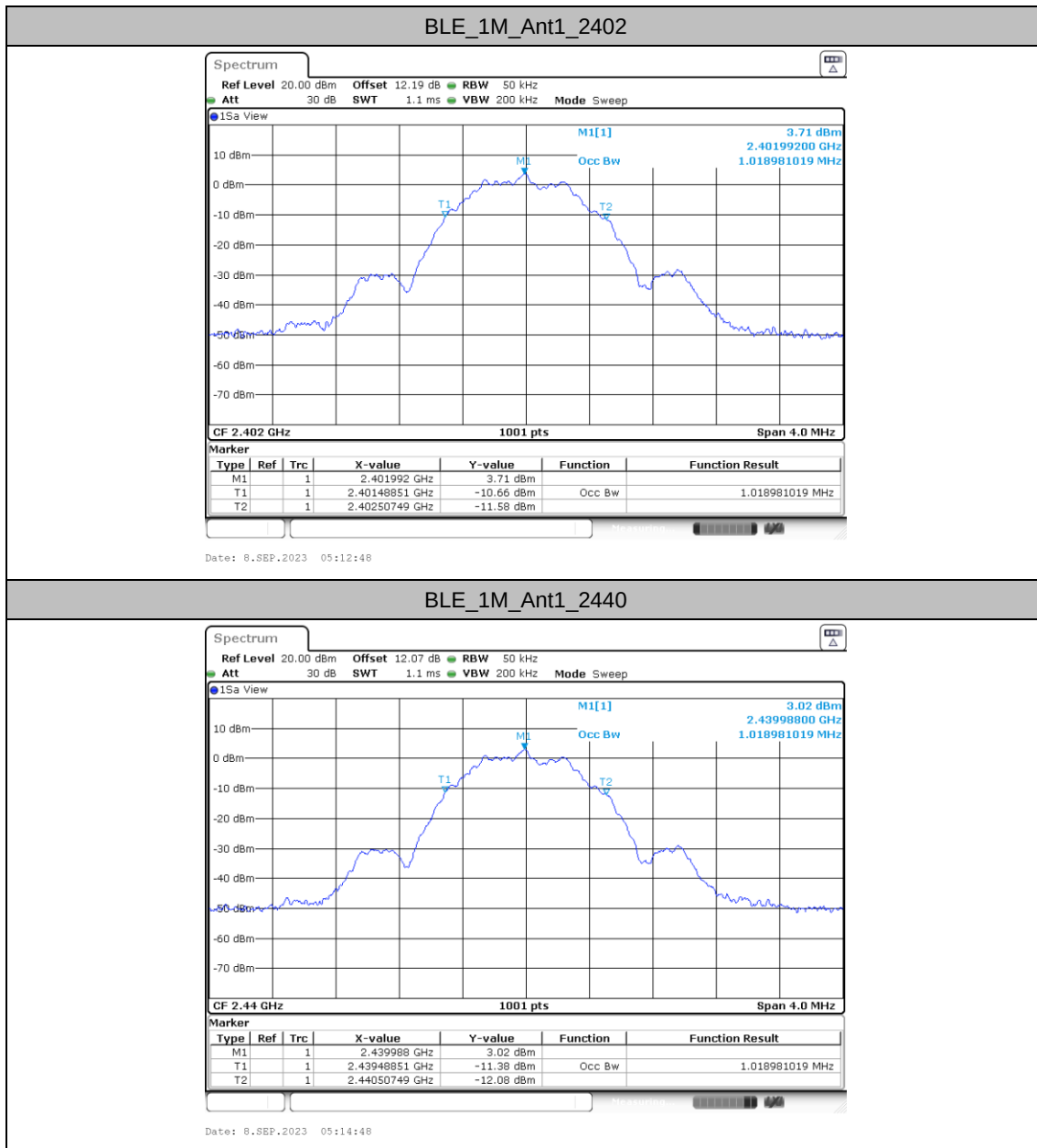
Occupied Channel Bandwidth

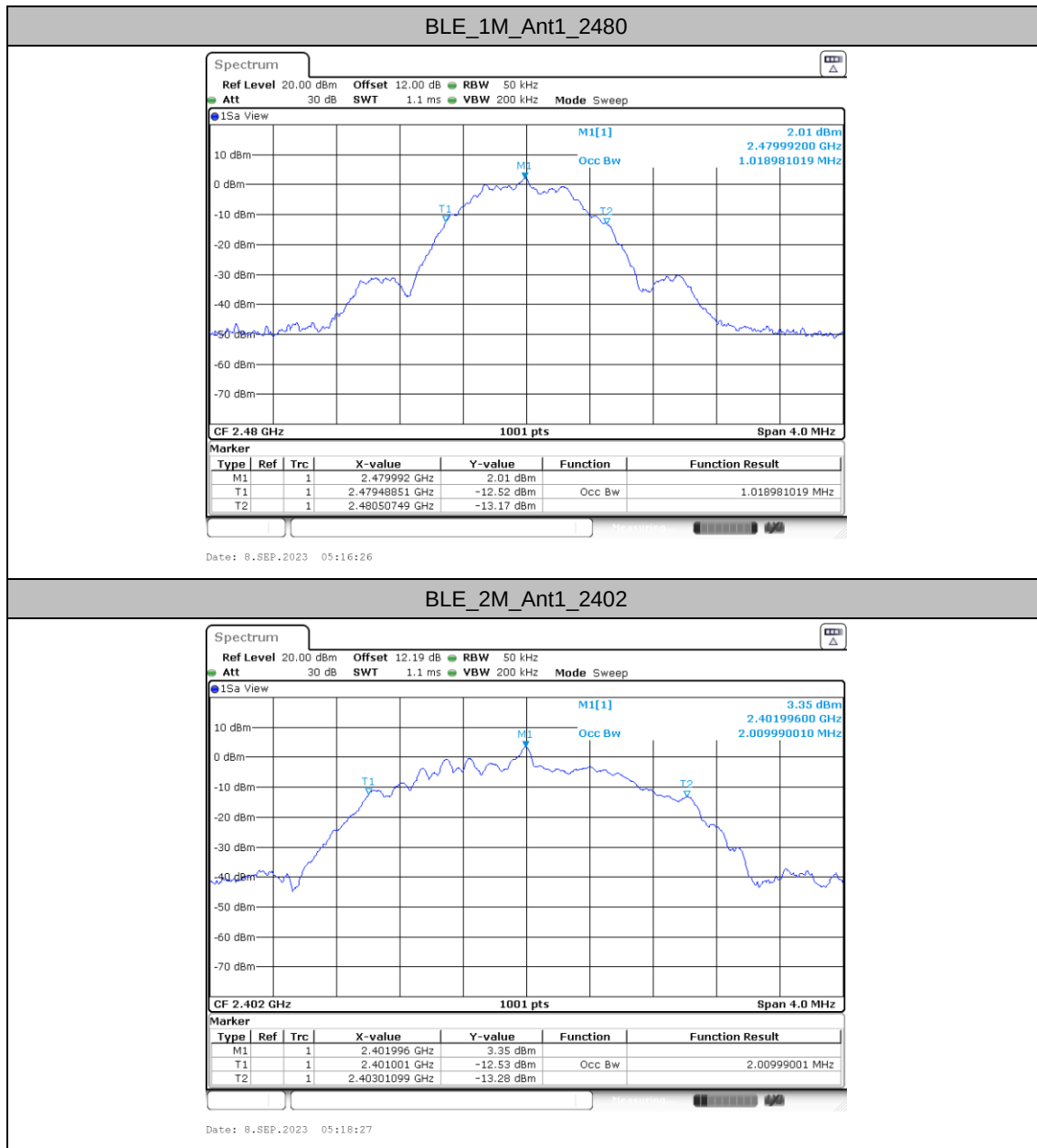
Test Result

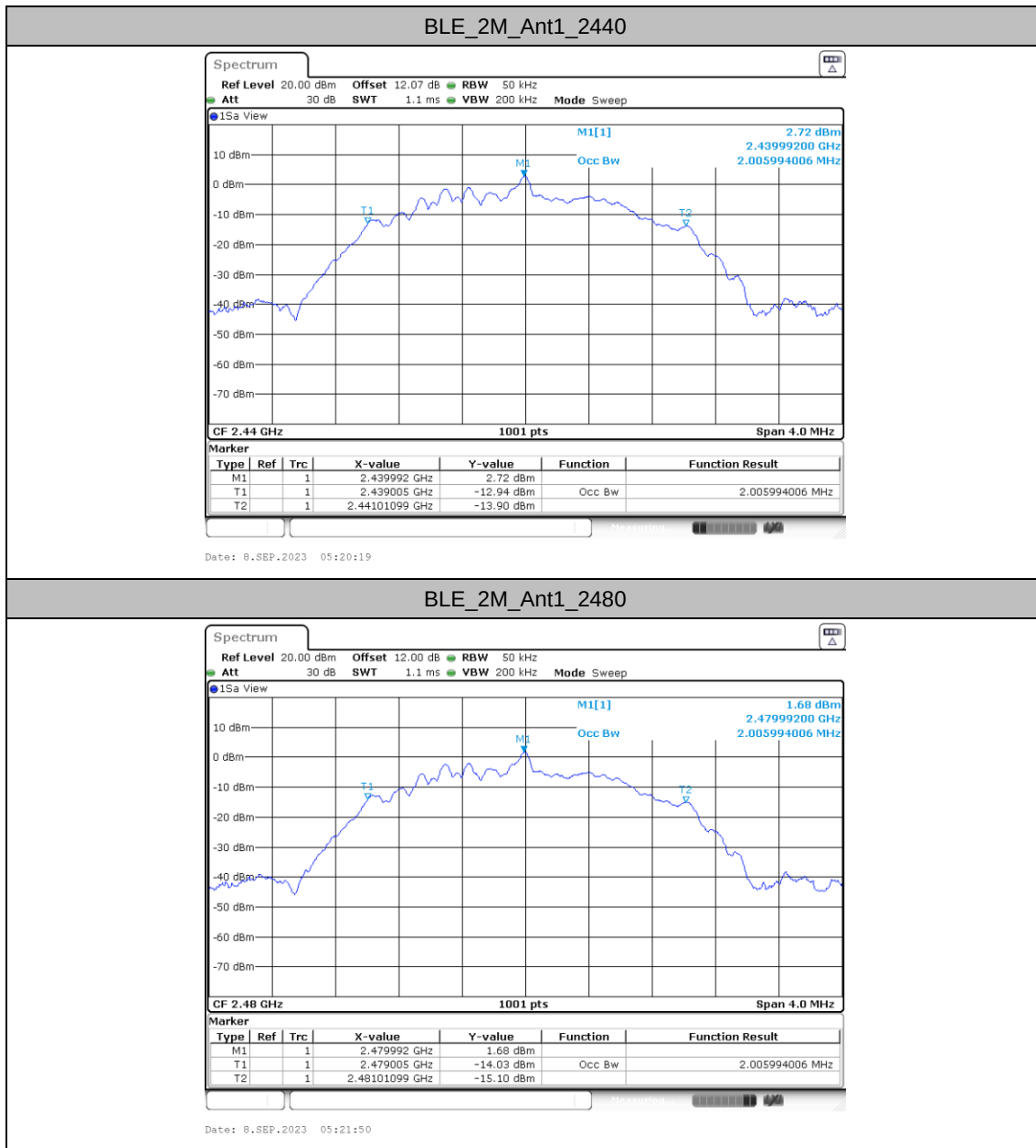
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.019	2401.4885	2402.5075
		2440	1.019	2439.4885	2440.5075
		2480	1.019	2479.4885	2480.5075
BLE_2M	Ant1	2402	2.01	2401.0010	2403.0110
		2440	2.006	2439.0050	2441.0110
		2480	2.006	2479.0050	2481.0110



Test Graphs









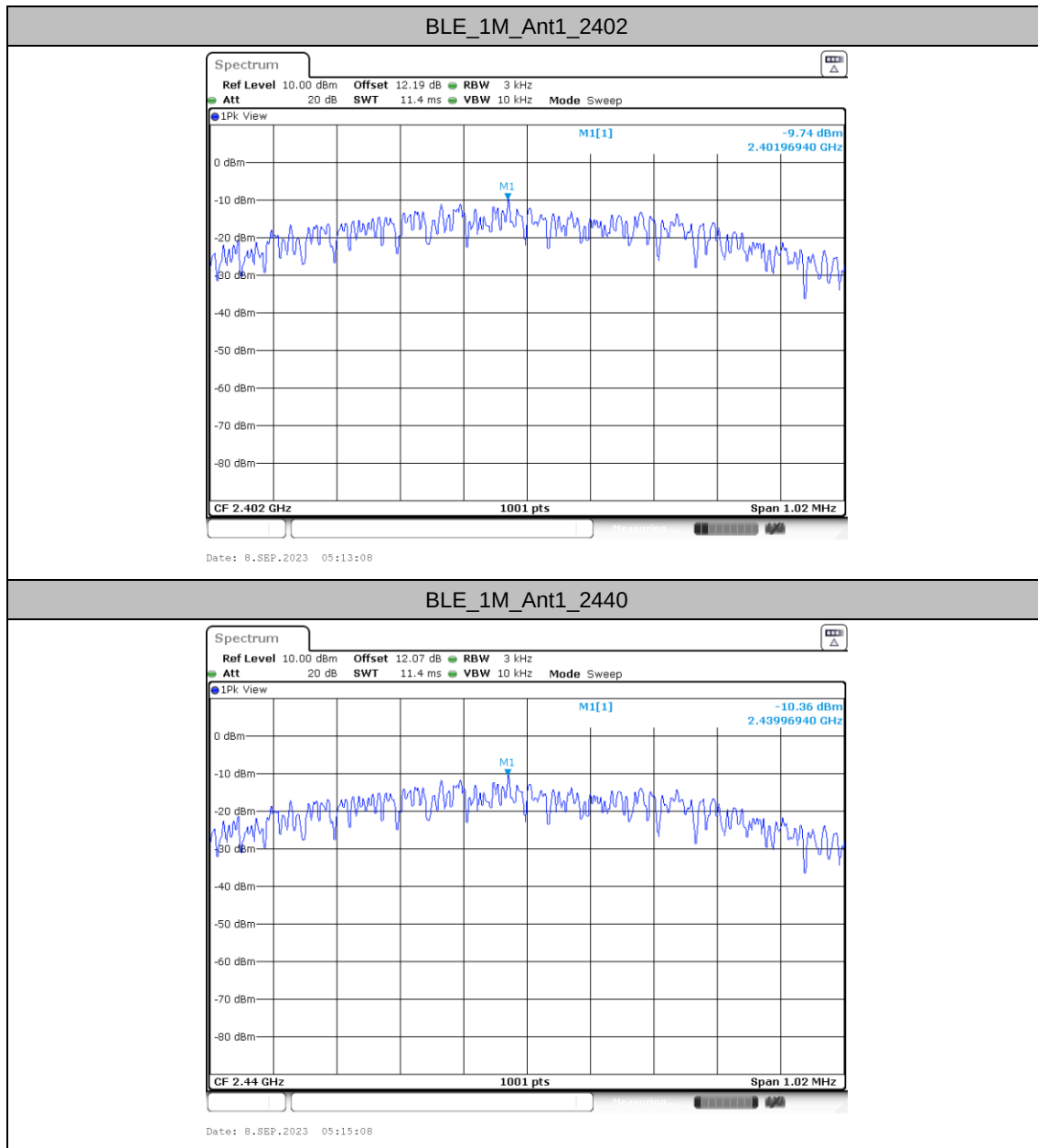
Maximum power spectral density

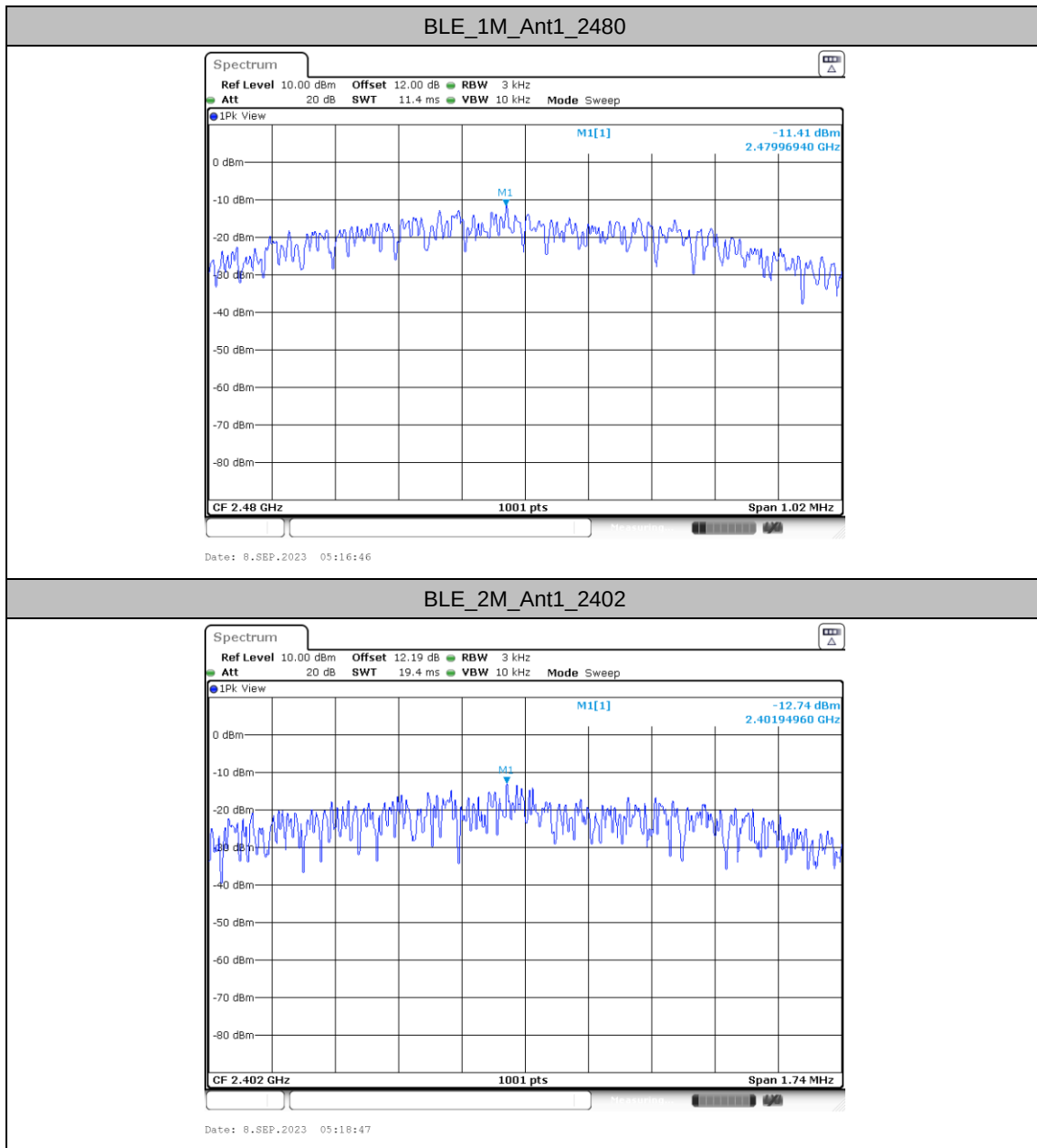
Test Result

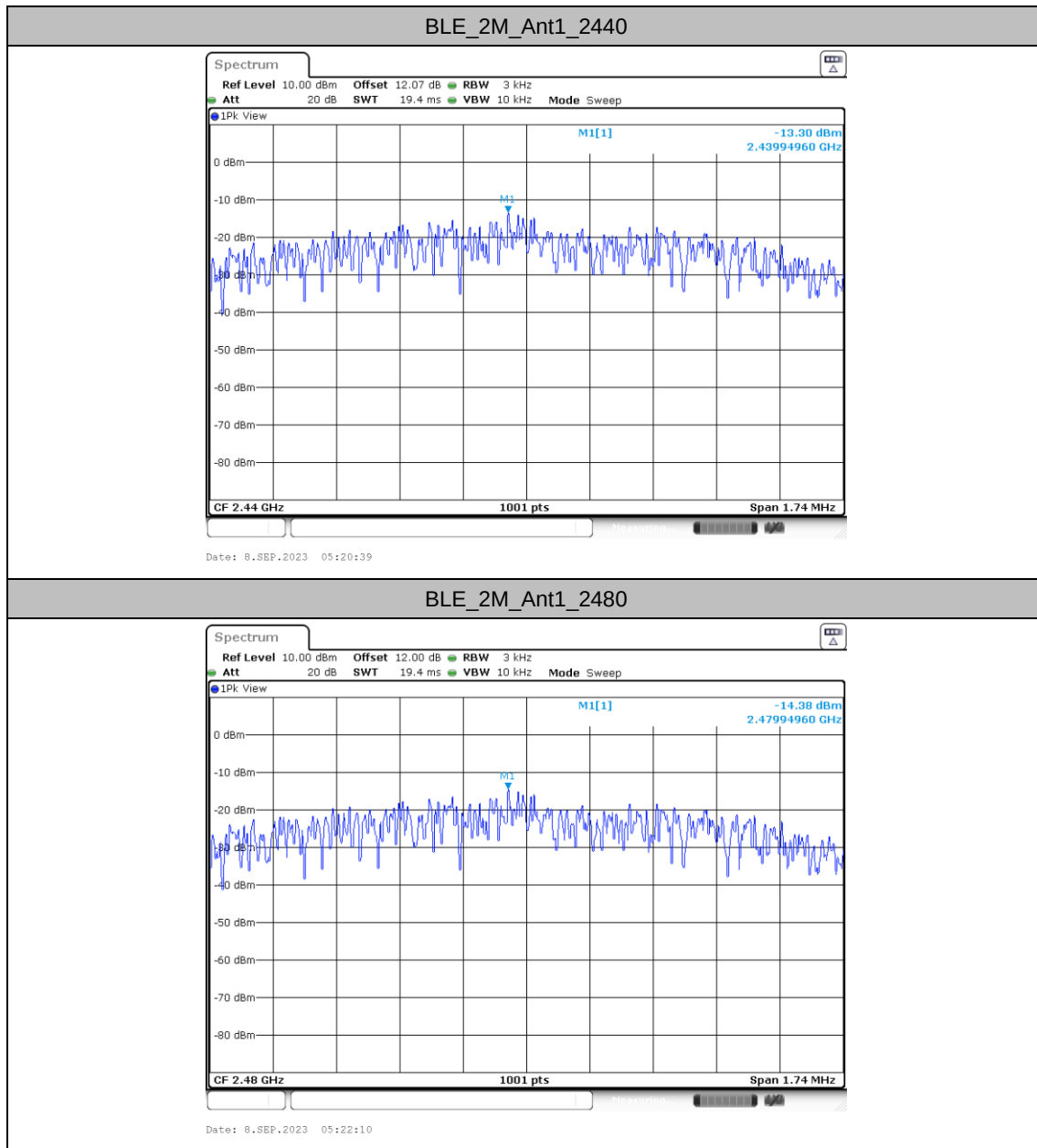
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-9.74	≤8.00	PASS
		2440	-10.36	≤8.00	PASS
		2480	-11.41	≤8.00	PASS
BLE_2M	Ant1	2402	-12.74	≤8.00	PASS
		2440	-13.3	≤8.00	PASS
		2480	-14.38	≤8.00	PASS



Test Graphs









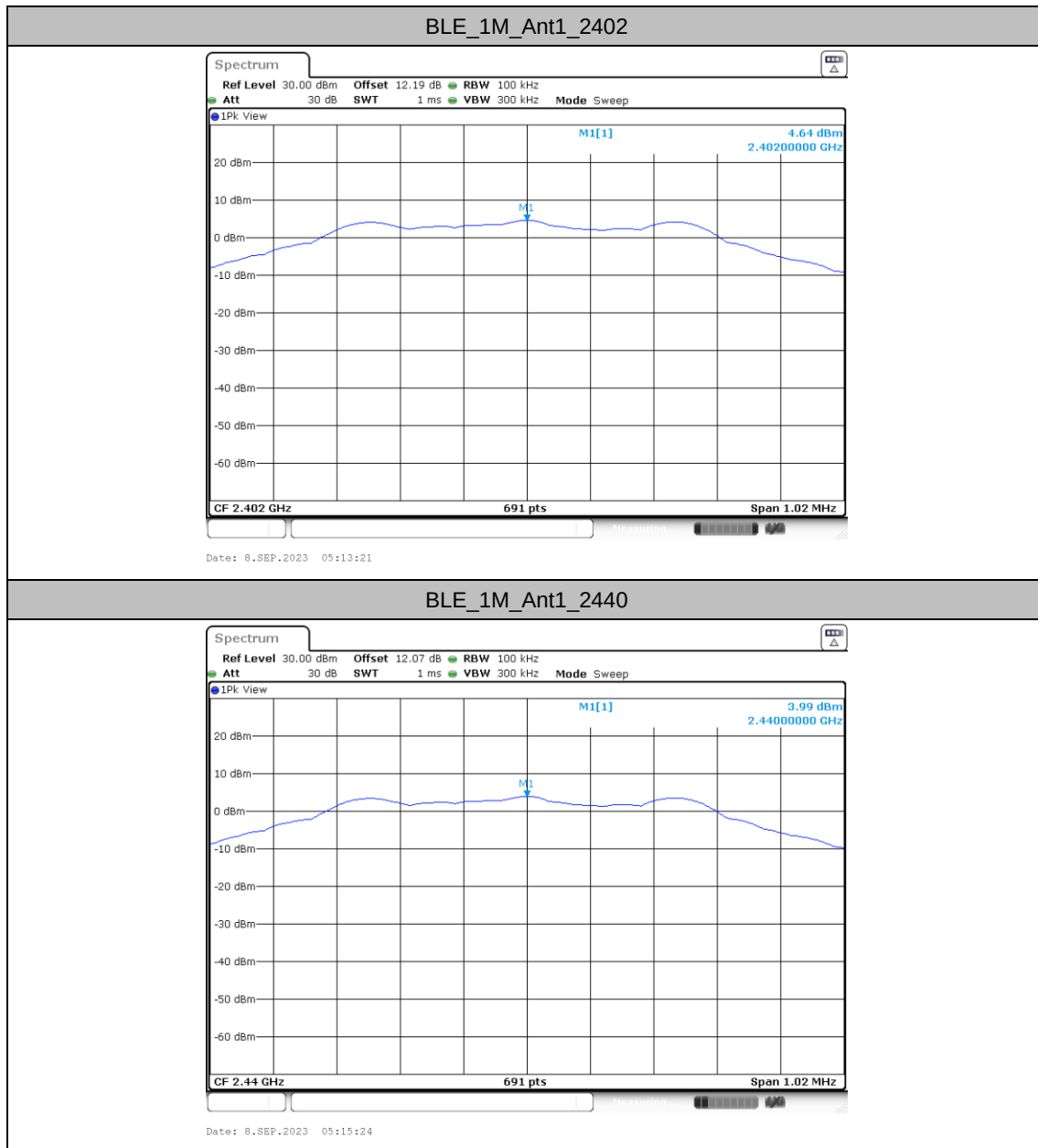
Reference level measurement

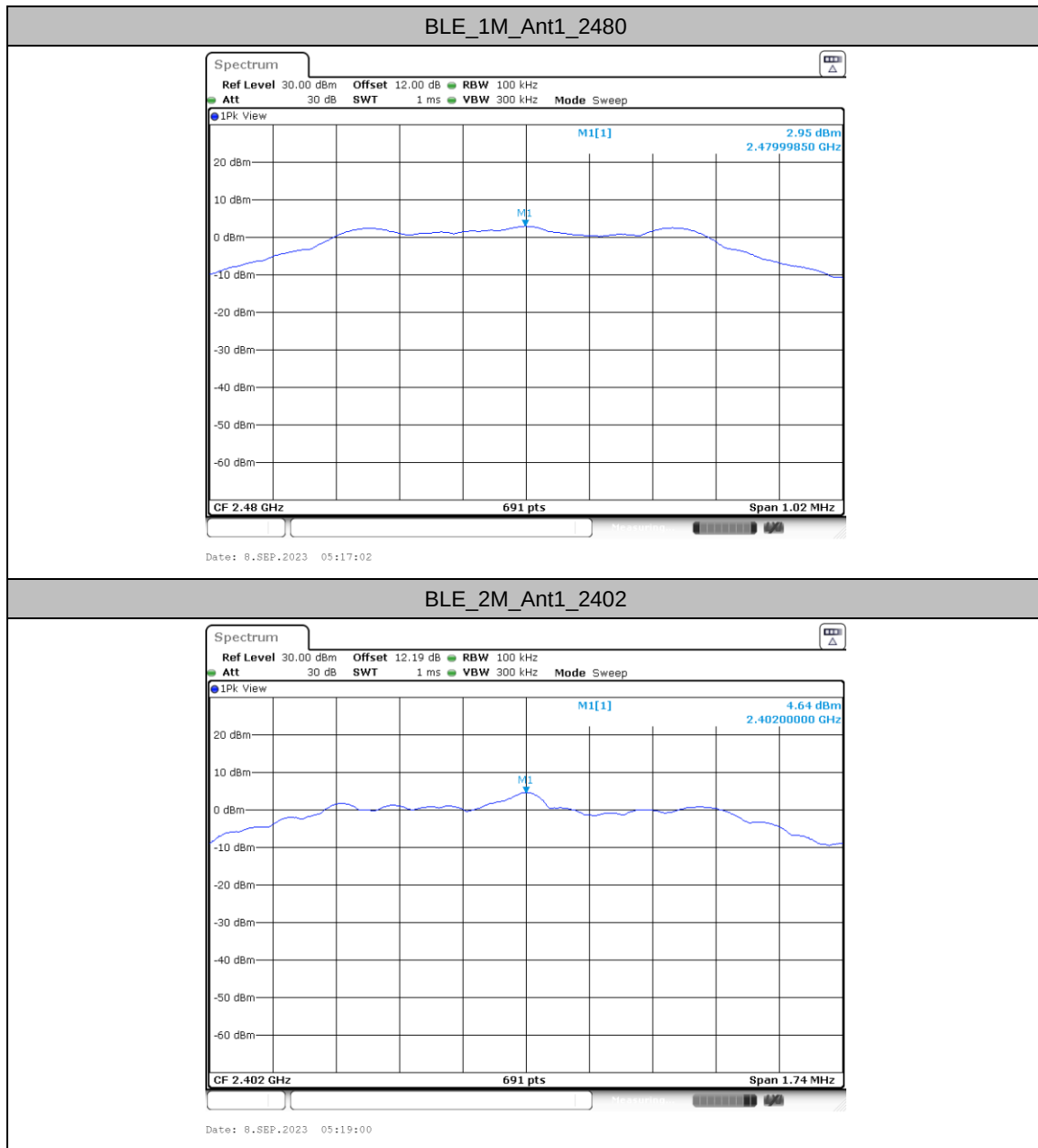
Test Result

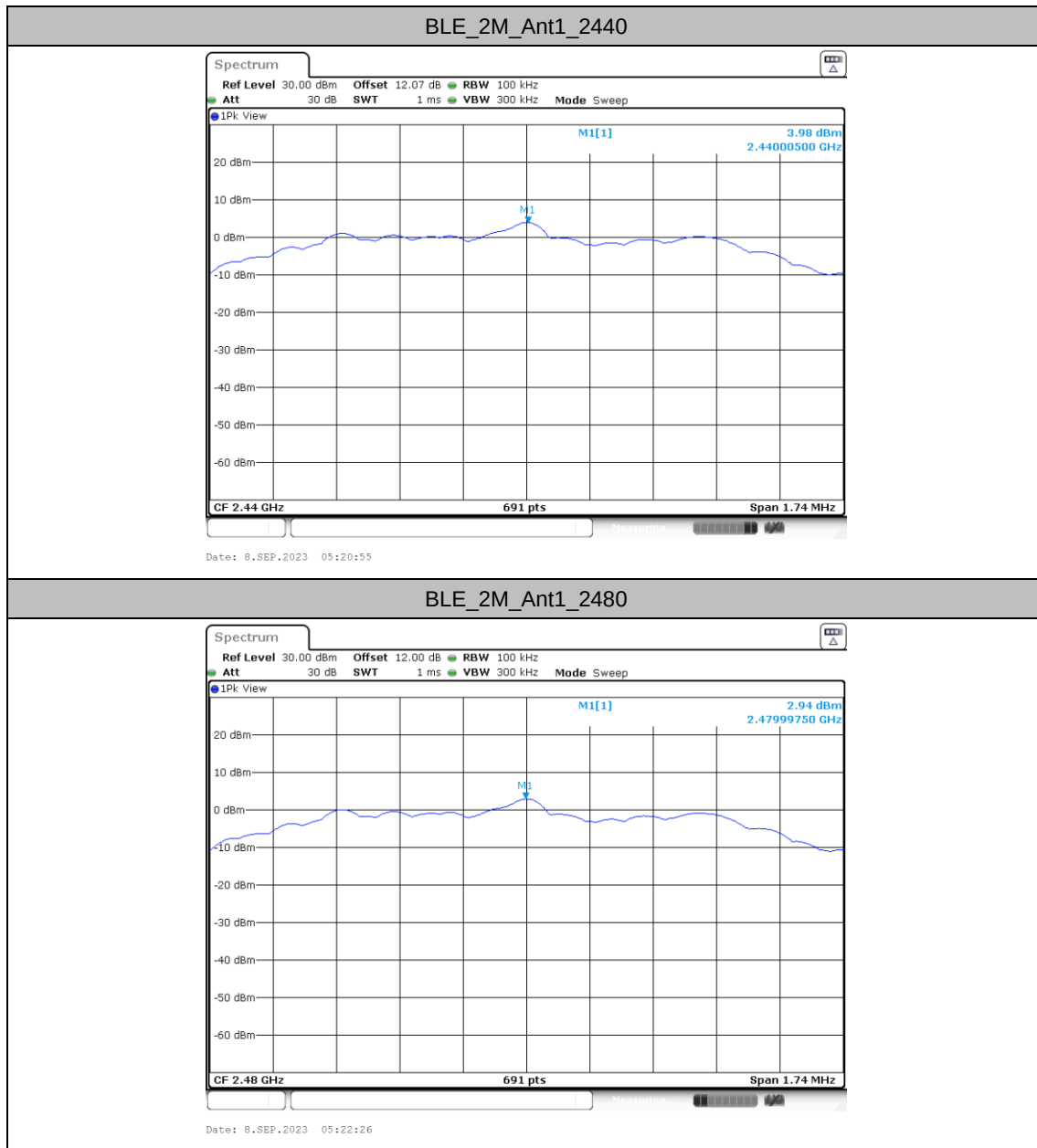
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm/100KHz]
BLE_1M	Ant1	2402	2402.00	4.64
		2440	2440.00	3.99
		2480	2480.00	2.95
BLE_2M	Ant1	2402	2402.00	4.64
		2440	2440.01	3.98
		2480	2480.00	2.94



Test Graphs









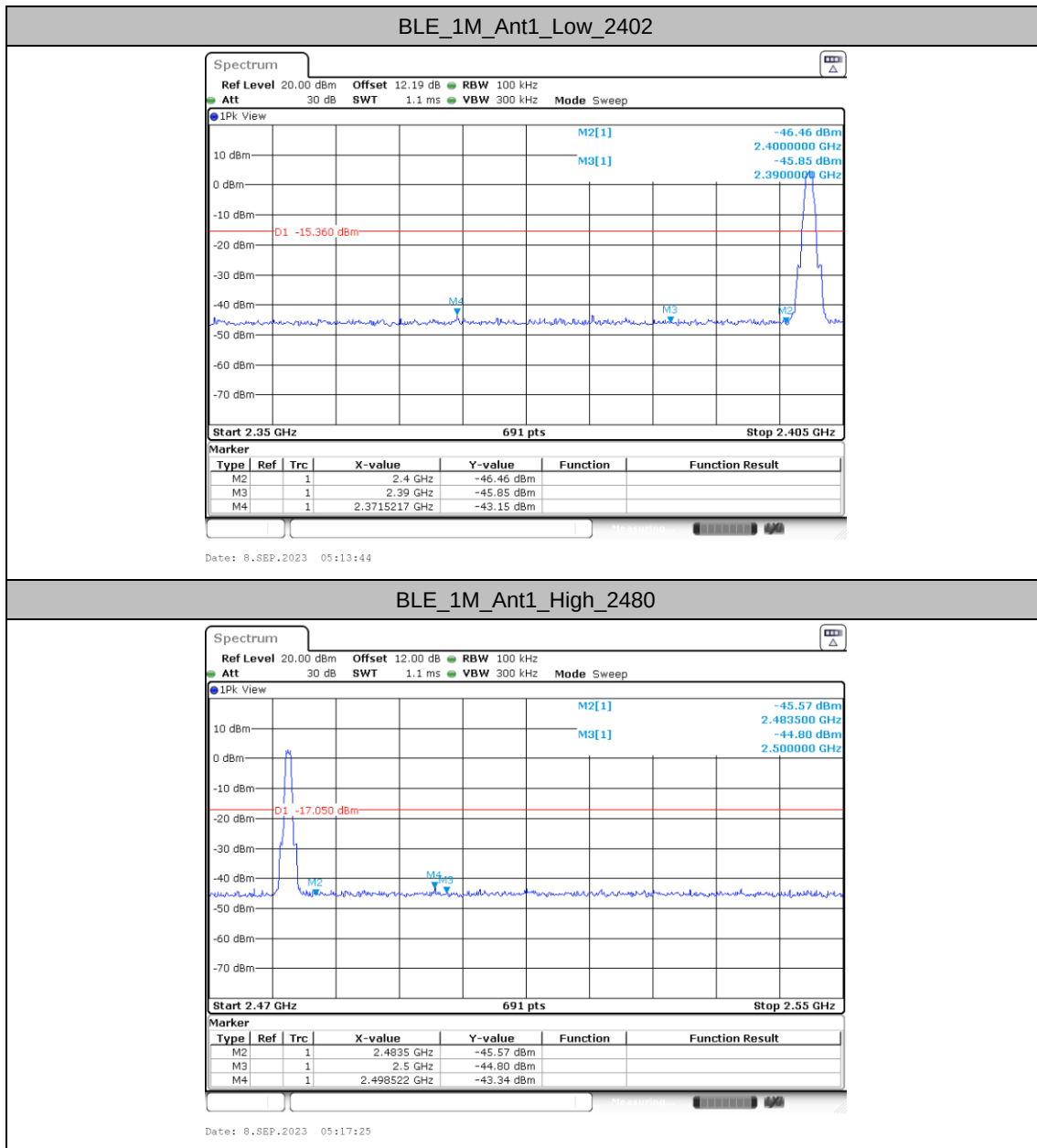
Band edge measurements

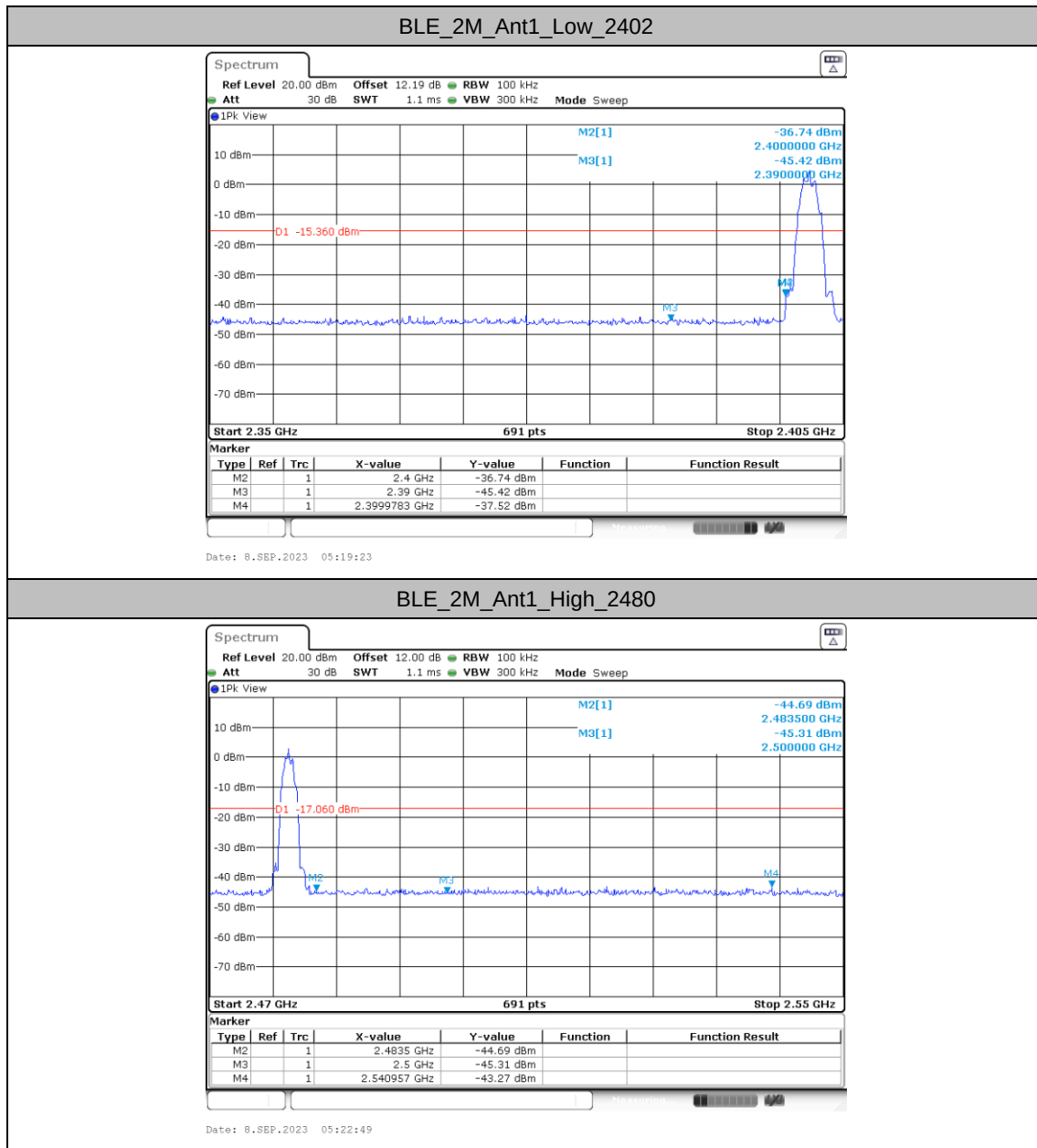
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
BLE_1M	Ant1	Low	2402	4.64	-43.15	≤-15.36	PASS
		High	2480	2.95	-43.34	≤-17.05	PASS
BLE_2M	Ant1	Low	2402	4.64	-37.52	≤-15.36	PASS
		High	2480	2.94	-43.27	≤-17.06	PASS



Test Graphs







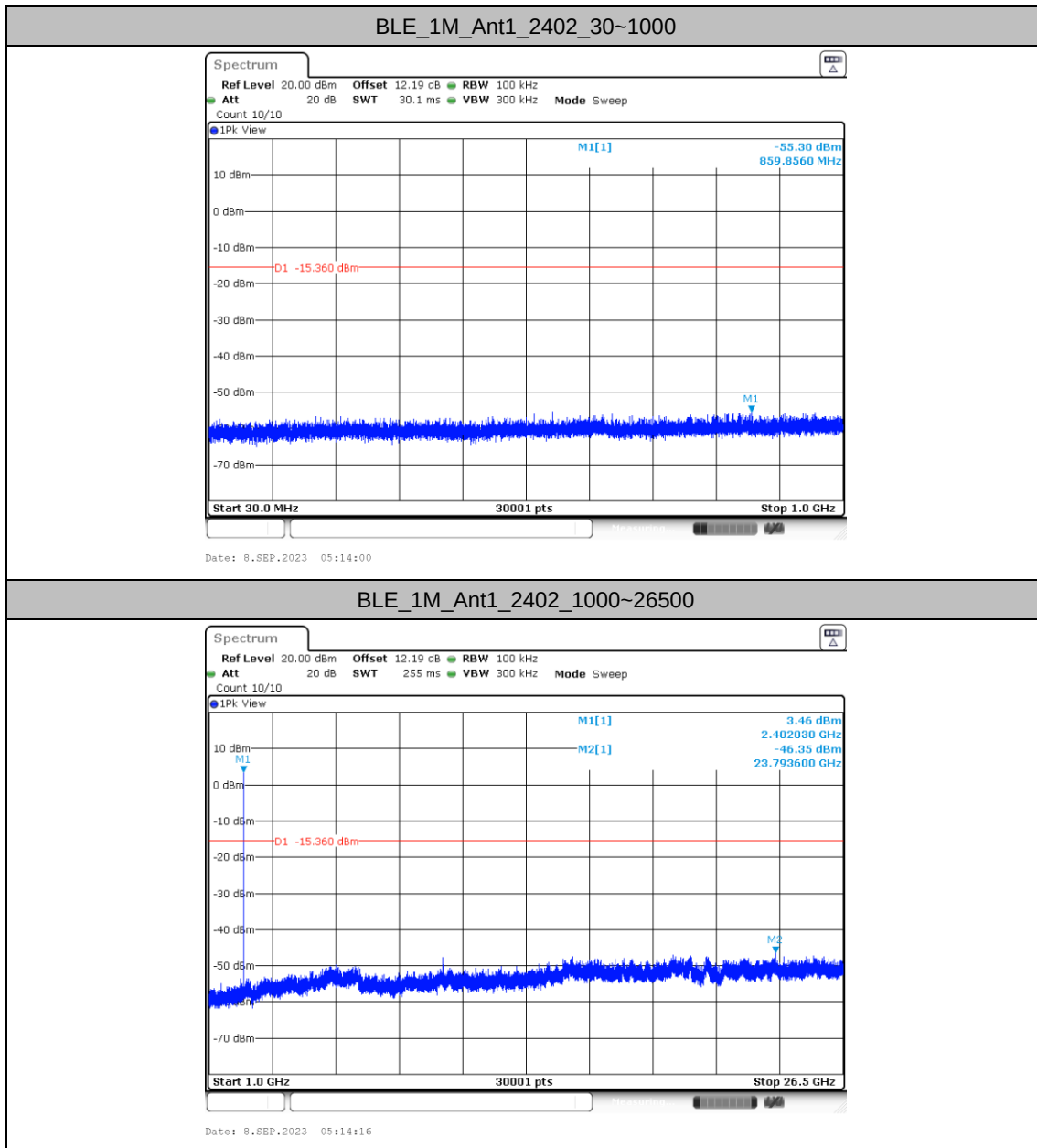
Conducted Spurious Emission

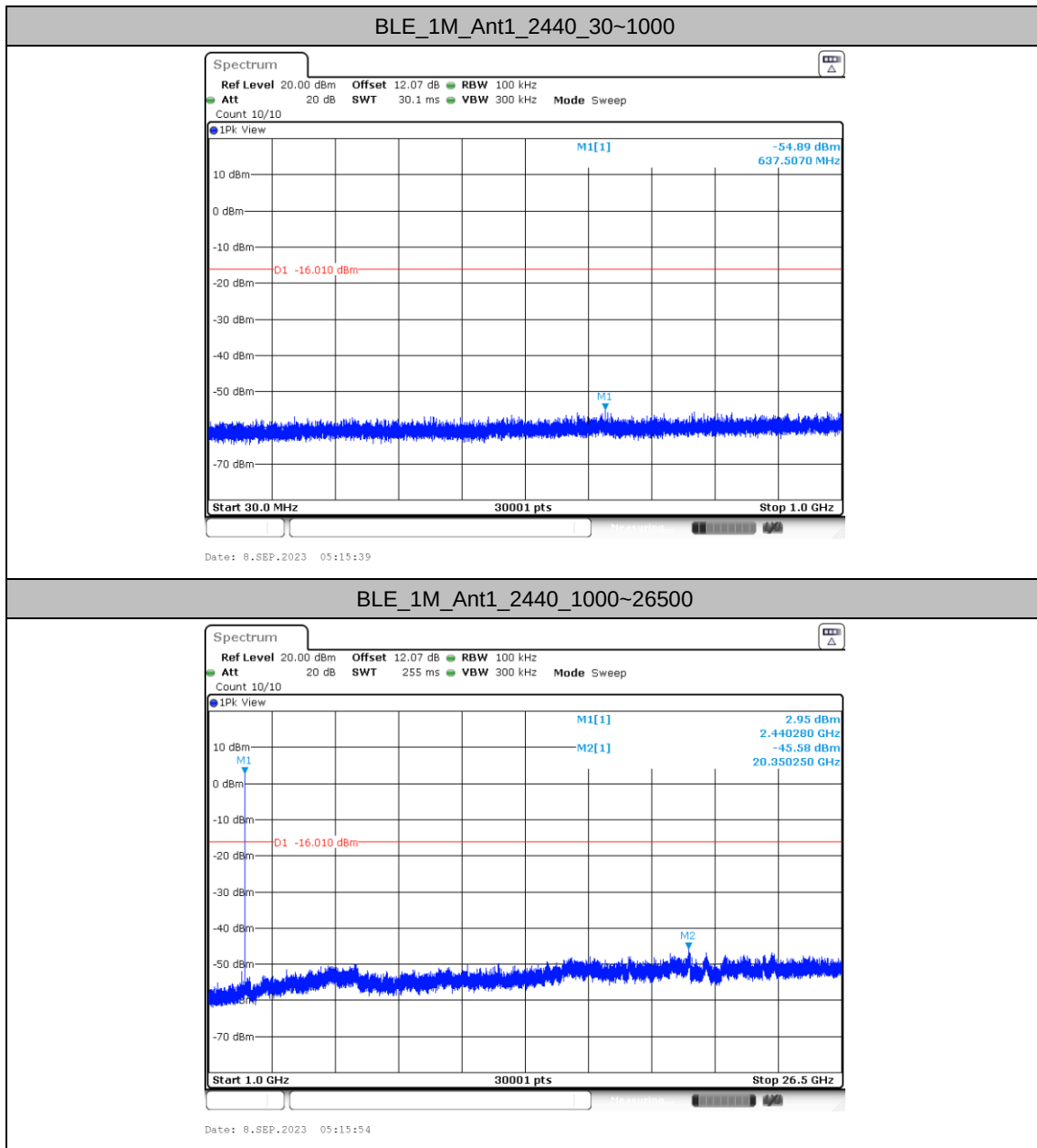
Test Result

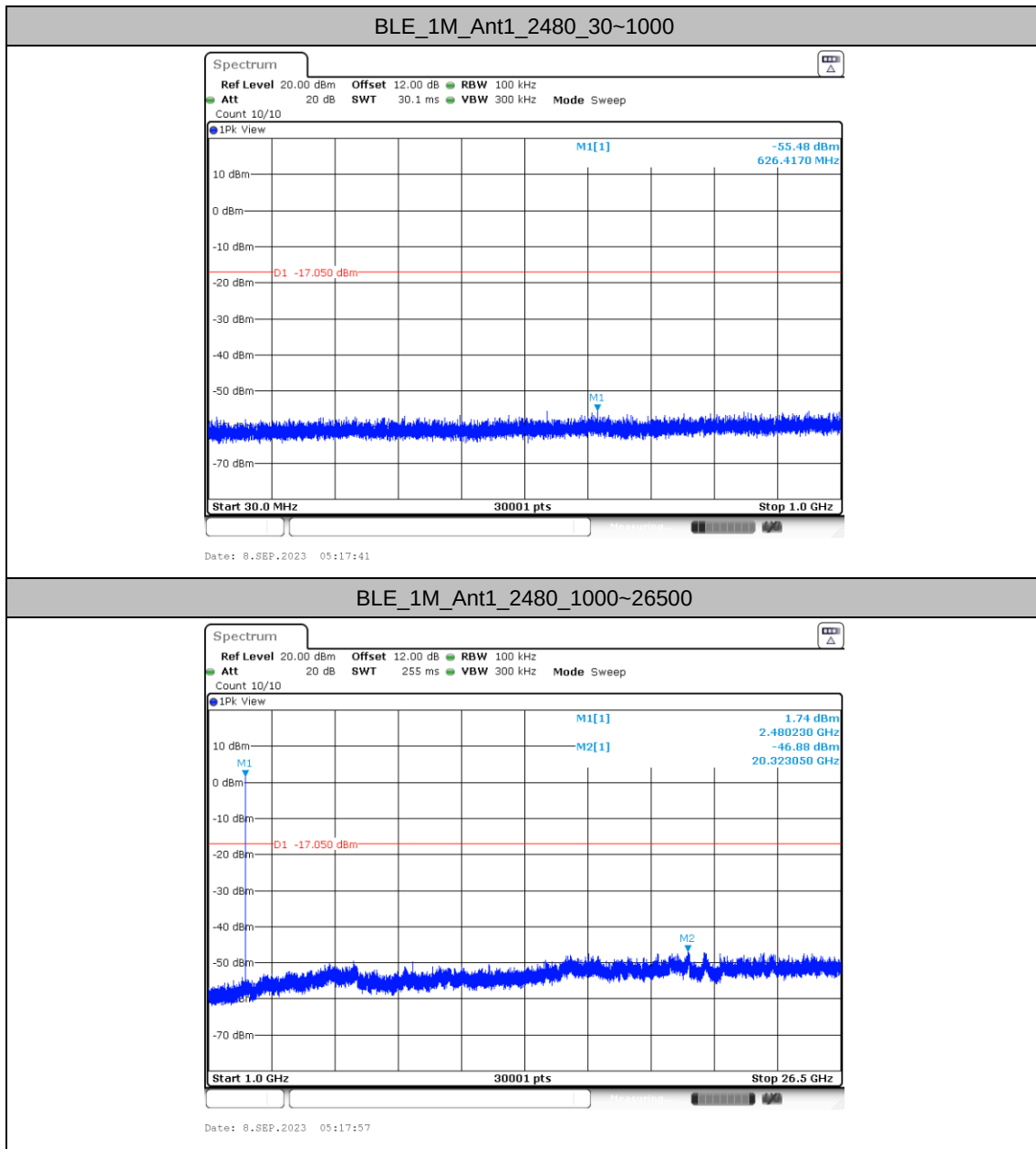
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm/100KHz]	Result [dBm/100KHz]	Limit [dBm/100KHz]	Verdict
BLE_1M	Ant1	2402	30~1000	4.64	-55.3	≤-15.36	PASS
			1000~26500	4.64	-46.35	≤-15.36	PASS
		2440	30~1000	3.99	-54.89	≤-16.01	PASS
			1000~26500	3.99	-45.58	≤-16.01	PASS
		2480	30~1000	2.95	-55.48	≤-17.05	PASS
			1000~26500	2.95	-46.88	≤-17.05	PASS
BLE_2M	Ant1	2402	30~1000	4.64	-55.22	≤-15.36	PASS
			1000~26500	4.64	-46.12	≤-15.36	PASS
		2440	30~1000	3.98	-54.87	≤-16.02	PASS
			1000~26500	3.98	-46.33	≤-16.02	PASS
		2480	30~1000	2.94	-55.39	≤-17.06	PASS
			1000~26500	2.94	-46.85	≤-17.06	PASS

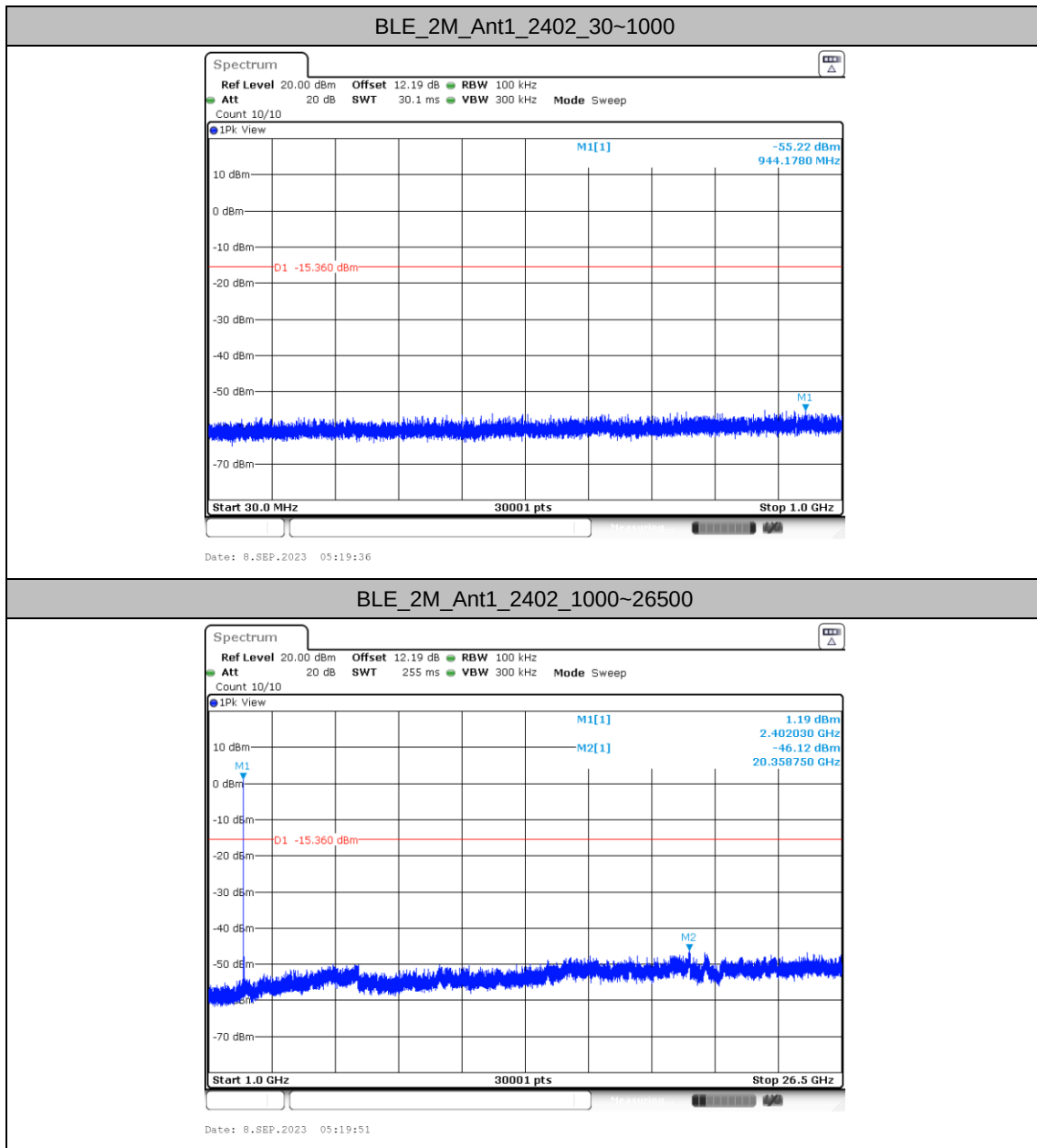


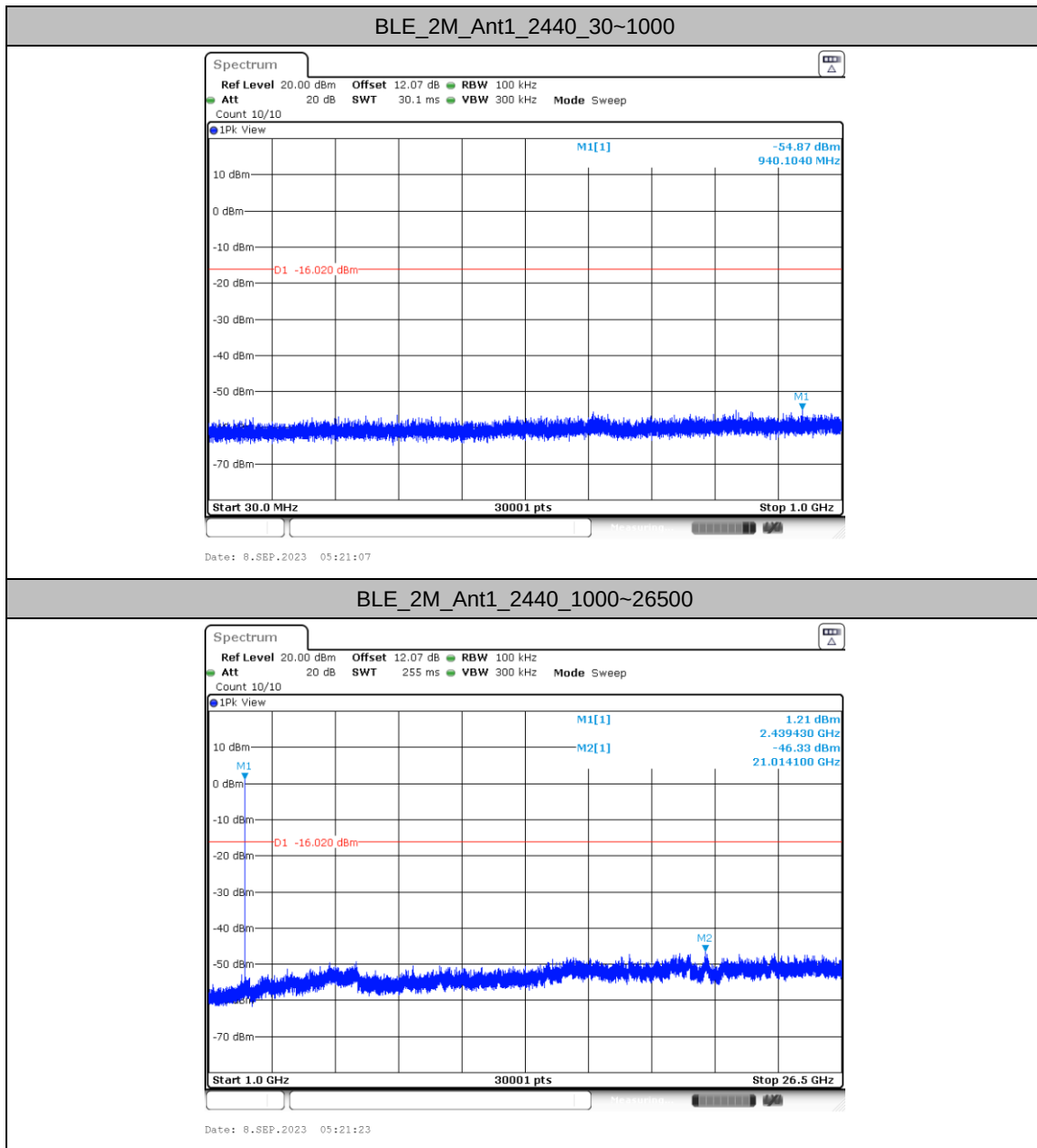
Test Graphs

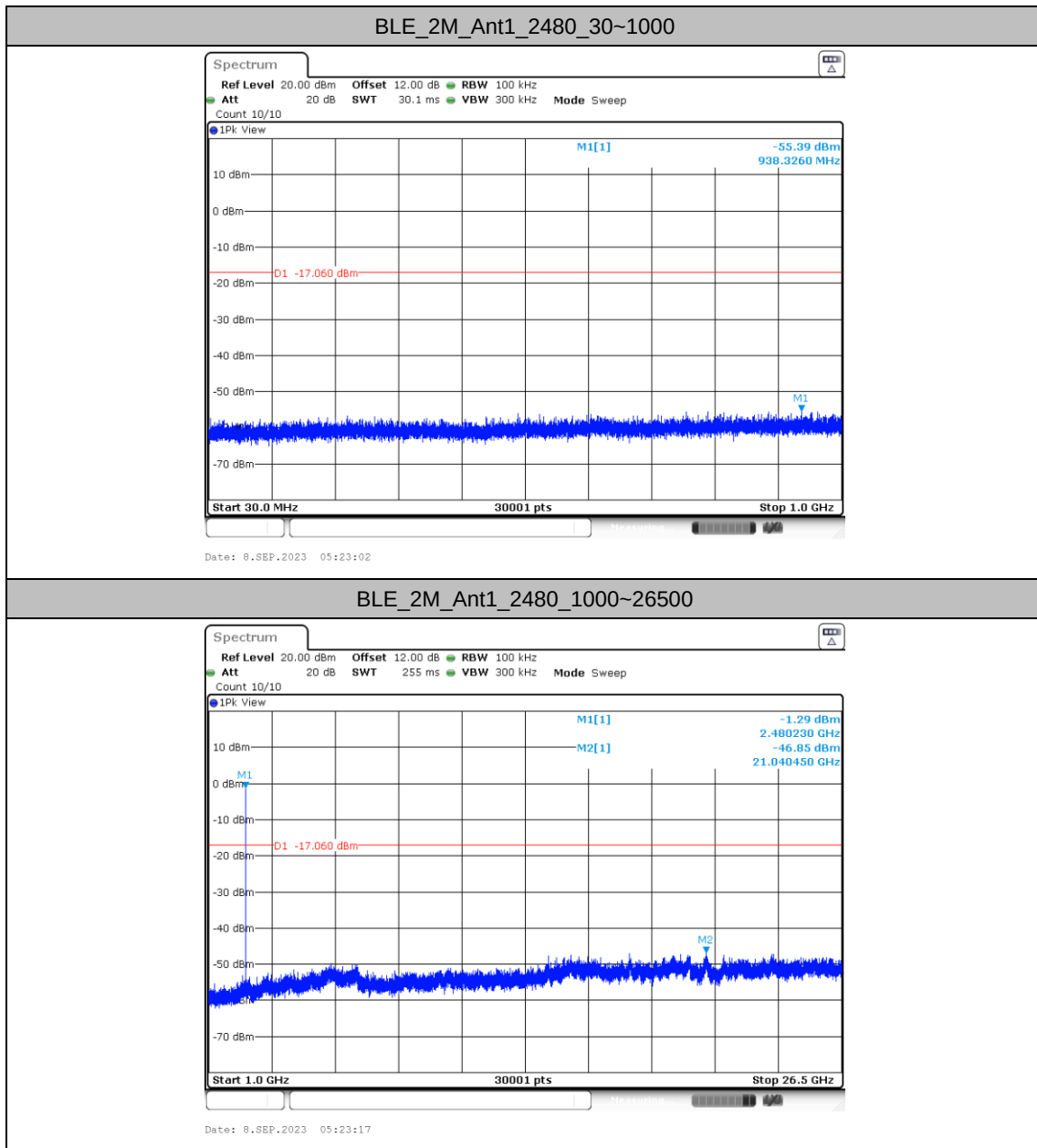






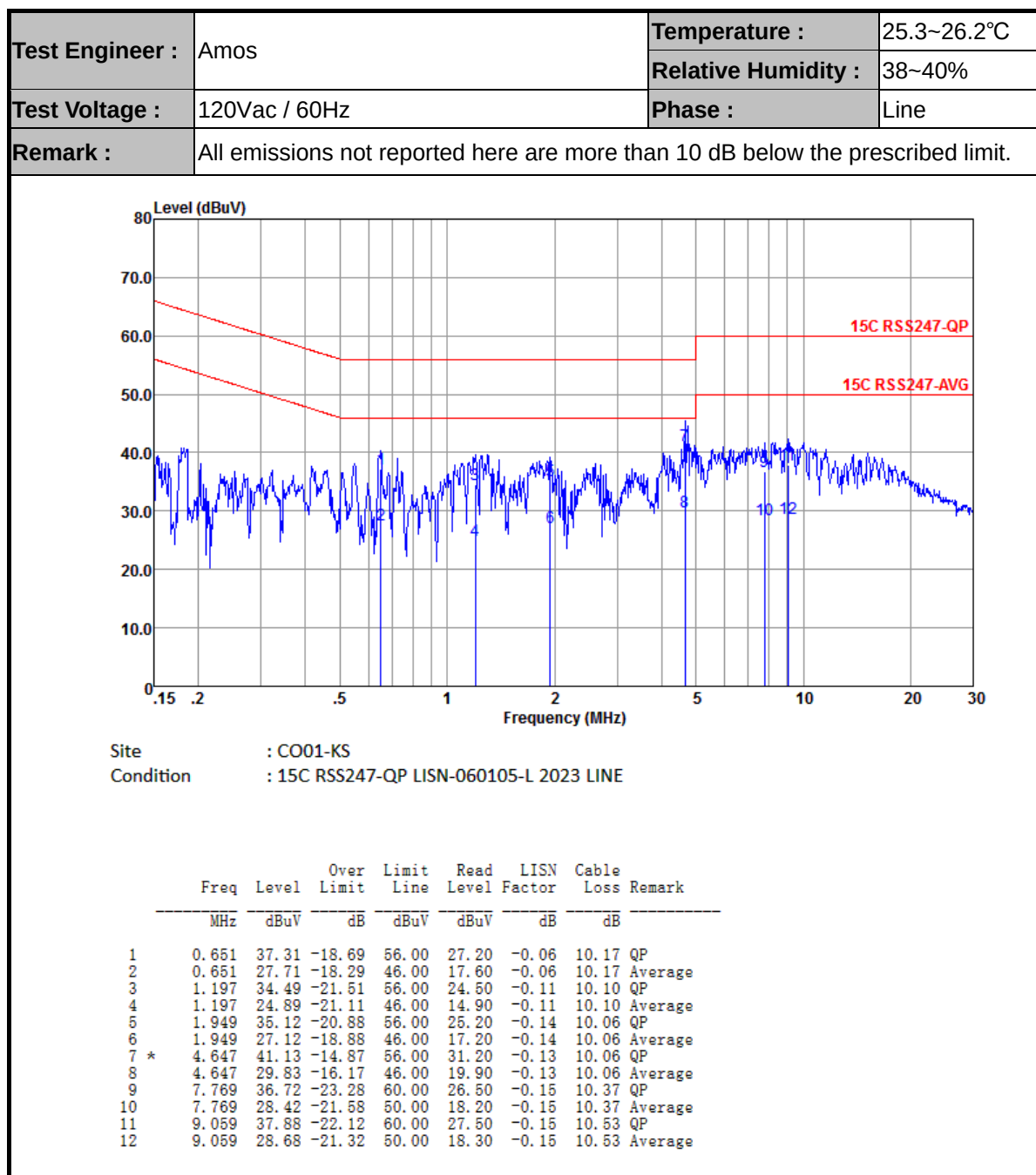






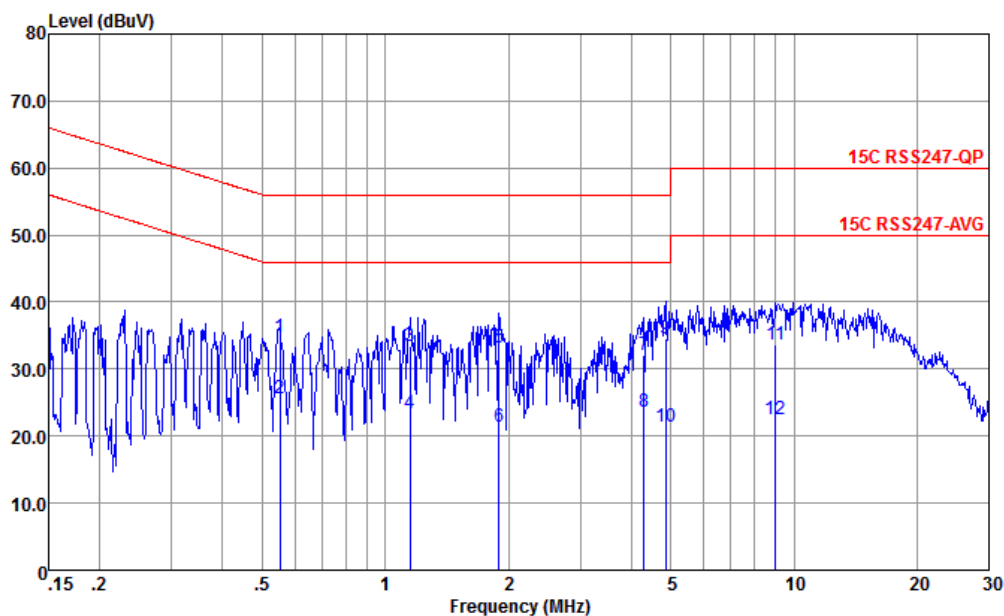


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Amos	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15C RSS247-QP LISN-060105-N 2023 NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.552	34.73	-21.27	56.00	24.60	-0.07	10.20	QP
2 *	0.552	25.63	-20.37	46.00	15.50	-0.07	10.20	Average
3	1.147	33.49	-22.51	56.00	23.49	-0.10	10.10	QP
4	1.147	23.49	-22.51	46.00	13.49	-0.10	10.10	Average
5	1.898	33.15	-22.85	56.00	23.21	-0.12	10.06	QP
6	1.898	21.45	-24.55	46.00	11.51	-0.12	10.06	Average
7	4.292	32.13	-23.87	56.00	22.20	-0.13	10.06	QP
8	4.292	23.63	-22.47	46.00	13.60	-0.13	10.06	Average
9	4.848	34.43	-21.57	56.00	24.50	-0.13	10.06	QP
10	4.848	21.43	-24.57	46.00	11.50	-0.13	10.06	Average
11	9.011	33.56	-26.44	60.00	23.20	-0.17	10.53	QP
12	9.011	22.56	-27.44	50.00	12.20	-0.17	10.53	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C Radiated Spurious Emission Test Data

Test Engineer :	Carl Ni	Relative Humidity :	41 ~ 42 %
		Temperature :	22 ~ 23 °C

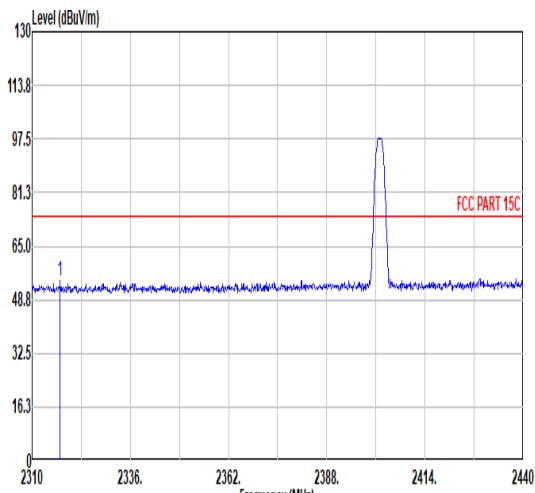
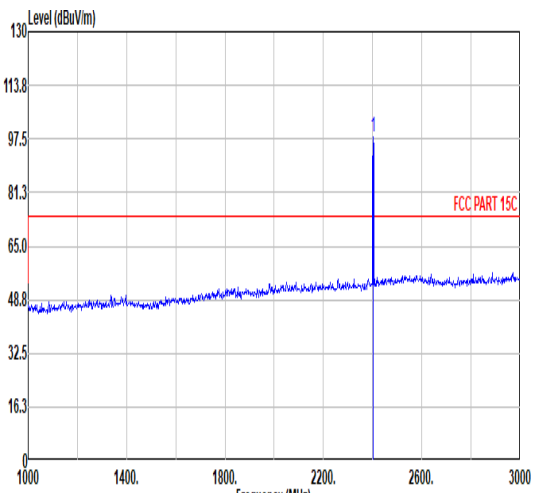
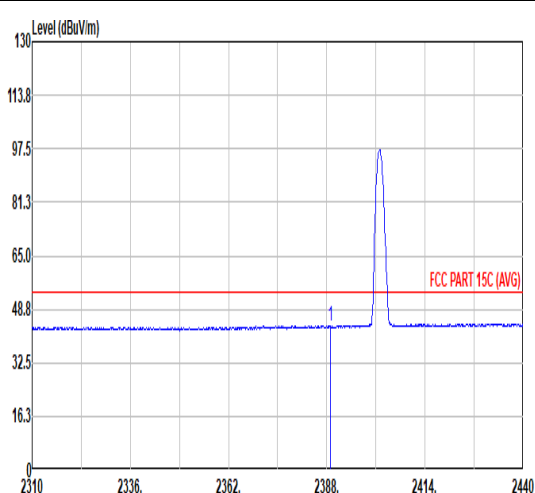
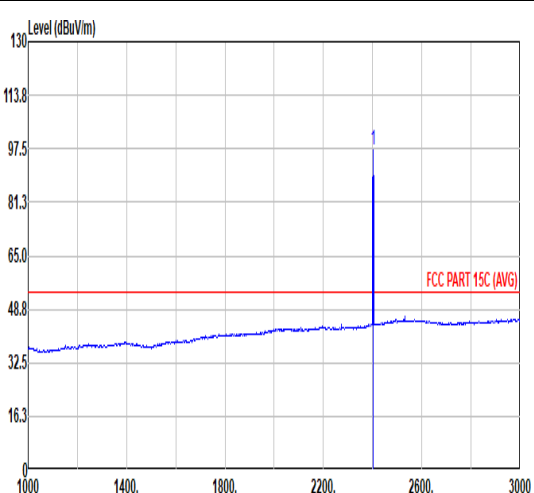
Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Modulation	Channel	Frequency	Data Rate	Remark
Mode 1	2400-2483.5	Bluetooth-LE_GSKF	00	2402	1Mbps	-
Mode 2	2400-2483.5	Bluetooth-LE_GSKF	19	2440	1Mbps	-
Mode 3	2400-2483.5	Bluetooth-LE_GSKF	39	2480	1Mbps	-
Mode 4	2400-2483.5	Bluetooth-LE_GSKF	00	2402	2Mbps	-
Mode 5	2400-2483.5	Bluetooth-LE_GSKF	19	2440	2Mbps	-
Mode 6	2400-2483.5	Bluetooth-LE_GSKF	39	2480	2Mbps	-

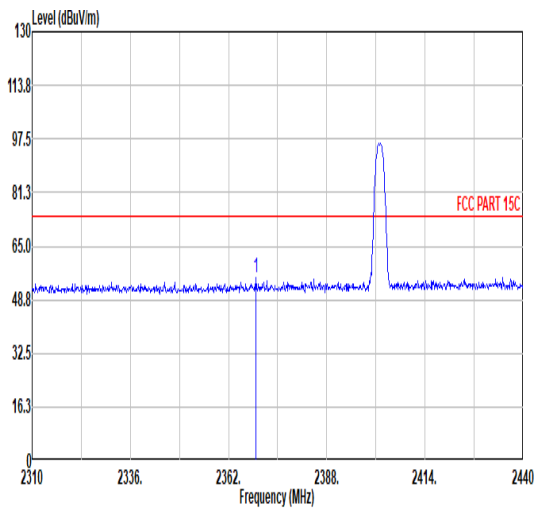
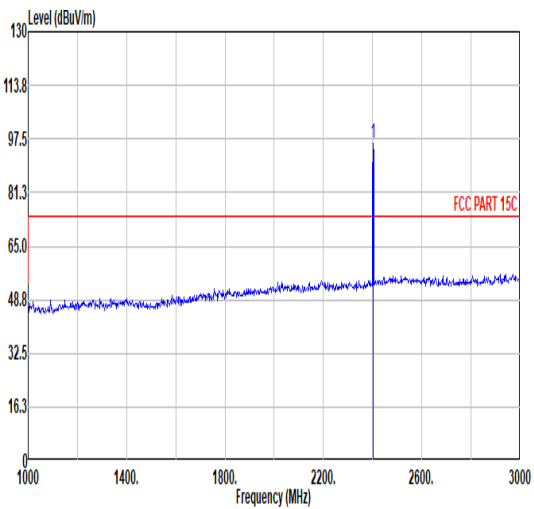
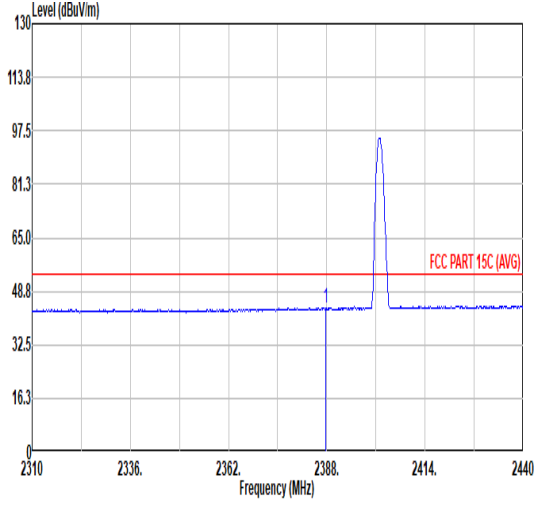
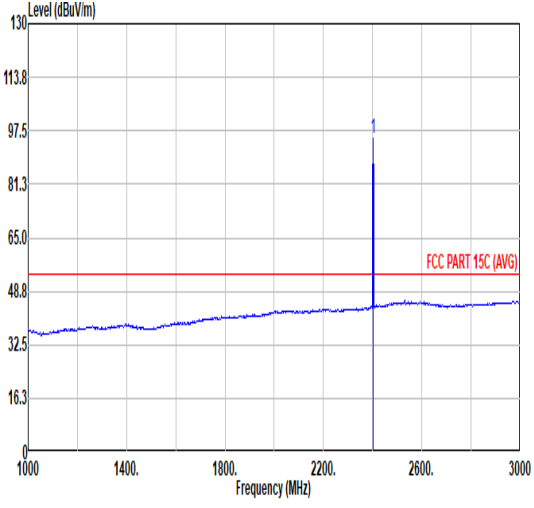
Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	Remark
1	Bluetooth-LE_GSKF	00	2387.74	43.71	54.00	-10.29	V	AVERAGE	Pass	Band Edge
1	Bluetooth-LE_GSKF	00	4804.00	42.19	74.00	-31.81	H	PEAK	Pass	Harmonic
2	Bluetooth-LE_GSKF	19	-	-	-	-	-	-	-	Band Edge
2	Bluetooth-LE_GSKF	19	7320.00	45.86	74.00	-28.14	V	PEAK	Pass	Harmonic
3	Bluetooth-LE_GSKF	39	2498.08	45.29	54.00	-8.71	H	AVERAGE	Pass	Band Edge
3	Bluetooth-LE_GSKF	39	7440.00	45.65	74.00	-28.35	V	PEAK	Pass	Harmonic
4	Bluetooth-LE_GSKF	00	2389.30	44.50	54.00	-9.50	H	AVERAGE	Pass	Band Edge
4	Bluetooth-LE_GSKF	00	4804.00	42.07	74.00	-31.93	V	PEAK	Pass	Harmonic
5	Bluetooth-LE_GSKF	19	-	-	-	-	-	-	-	Band Edge
5	Bluetooth-LE_GSKF	19	7320.00	44.32	74.00	-29.68	V	PEAK	Pass	Harmonic
6	Bluetooth-LE_GSKF	39	2495.86	45.96	54.00	-8.04	V	AVERAGE	Pass	Band Edge
6	Bluetooth-LE_GSKF	39	7440.00	44.11	74.00	-29.89	H	PEAK	Pass	Harmonic
6	Bluetooth-LE_GSKF	39	130.88	29.08	43.50	-14.42	V	PEAK	Pass	LF



Mode	1																																																																																																														
	Band Edge																																																																																																														
	2400-2483.5_Bluetooth-LE_GSKF_CH00_2402MHz																																																																																																														
Pol.	Horizontal						Fundamental																																																																																																								
Peak																																																																																																															
	<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>2317.41</td><td>54.65</td><td>74.00</td><td>-19.35</td><td>43.38</td><td>31.76</td><td>6.49</td><td>32.98</td><td>6.00</td><td>105</td><td>121</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	2317.41	54.65	74.00	-19.35	43.38	31.76	6.49	32.98	6.00	105	121	PEAK	<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>98.06</td><td>-----</td><td>-----</td><td>86.07</td><td>32.21</td><td>6.62</td><td>32.84</td><td>6.00</td><td>105</td><td>121</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	2402.00	98.06	-----	-----	86.07	32.21	6.62	32.84	6.00	105	121
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																							
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1	2402.00	98.06	-----	-----	86.07	32.21	6.62	32.84	6.00	105	121	PEAK																																																																																																			
Avg																																																																																																															
	<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>2389.04</td><td>43.66</td><td>54.00</td><td>-10.34</td><td>31.87</td><td>32.05</td><td>6.60</td><td>32.86</td><td>6.00</td><td>105</td><td>121</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	2389.04	43.66	54.00	-10.34	31.87	32.05	6.60	32.86	6.00	105	121	AVERAGE	<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>97.09</td><td>-----</td><td>-----</td><td>85.10</td><td>32.21</td><td>6.62</td><td>32.84</td><td>6.00</td><td>105</td><td>121</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	97.09	-----	-----	85.10	32.21	6.62	32.84	6.00	105	121
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																							
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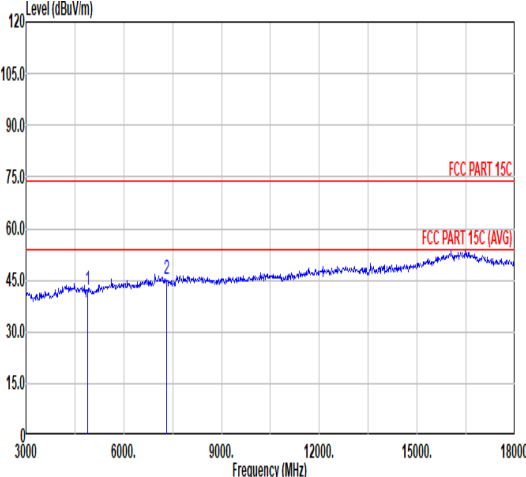


Mode	1																																																																																																														
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Pol.	Vertical						Fundamental																																																																																																								
Peak																																																																																																															
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	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																							
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Mode	1																																																																																																			
	Harmonic																																																																																																			
	2400-2483.5_Bluetooth-LE_GSKF_CH00_2402MHz																																																																																																			
Pol.	Horizontal										Vertical																																																																																									
Peak Avg																																																																																																				
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		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																										
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Mode	2																																																																	
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Pol.	Horizontal																																																																	
Peak Avg																																																																		
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		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																									
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark																																																									
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1	4880.00	42.39	74.00	-31.61	59.52	34.20	9.53	60.86	0.00	---	PEAK																																																							
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3

Mode

Band Edge

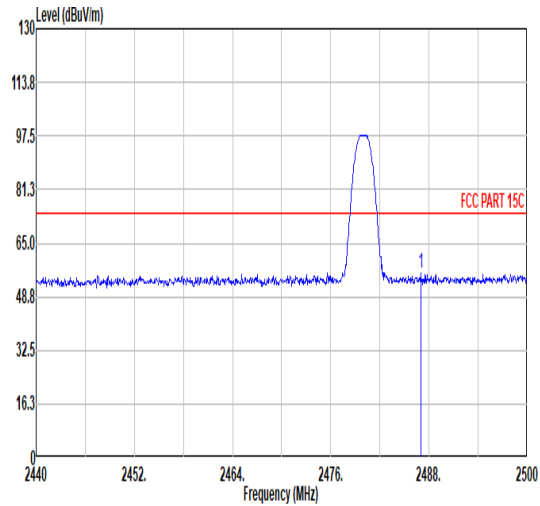
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Pol.

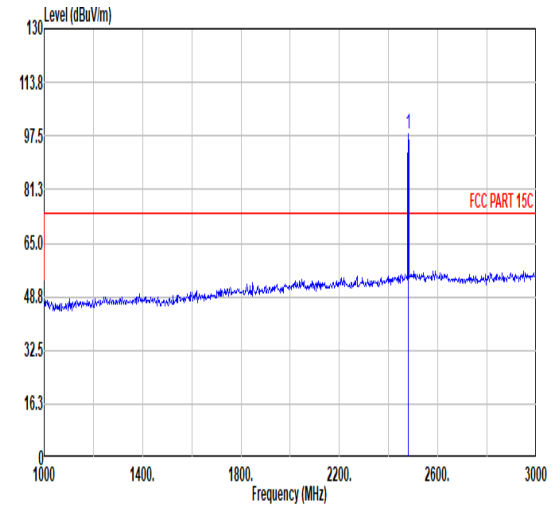
Horizontal

Fundamental

Peak

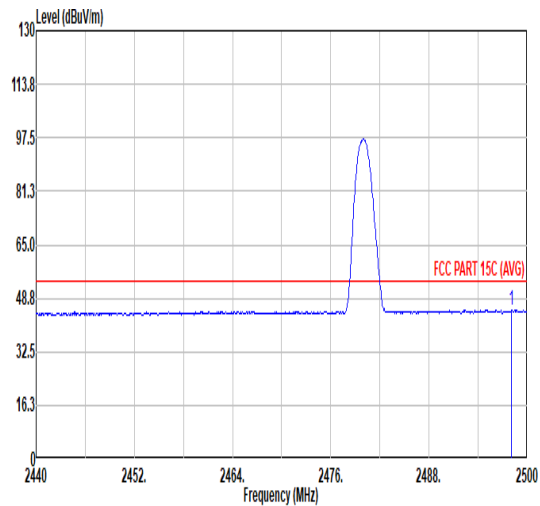


Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
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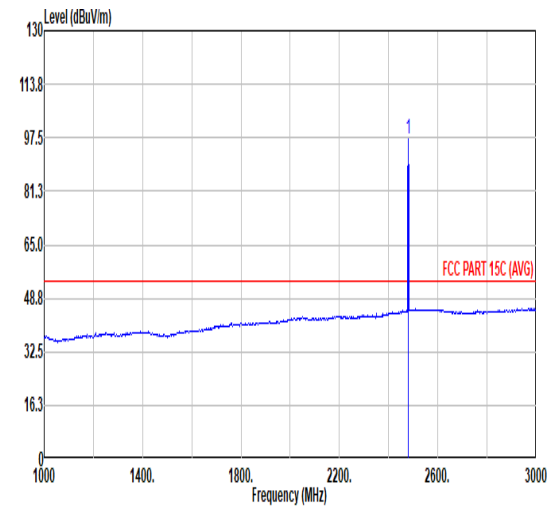


Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2480.00	97.99	-----	-----	85.15	32.74	6.73	32.63	6.00	100
										122 PEAK

Avg



Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2498.08	45.29	54.00	-8.71	32.25	32.88	6.75	32.59	6.00	100
										122 AVERAGE



Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2480.00	97.00	-----	-----	84.24	32.74	6.73	32.63	6.00	100
										122 AVERAGE



3

Mode

Band Edge

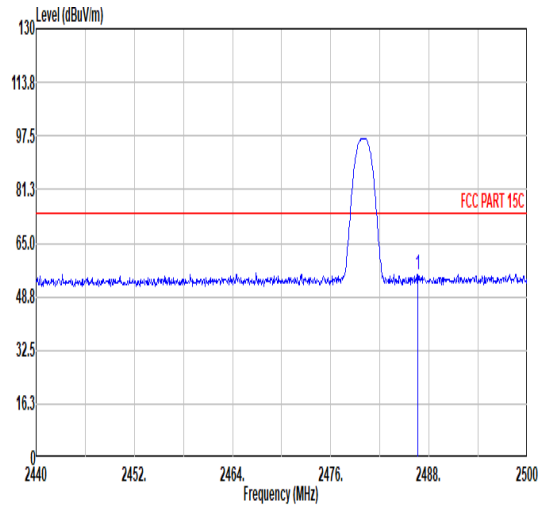
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Pol.

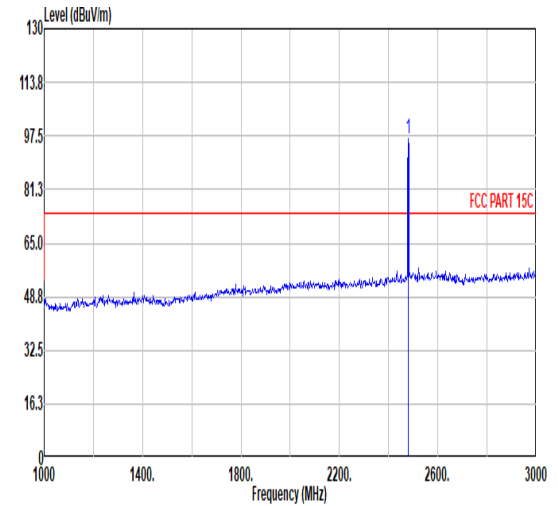
Vertical

Fundamental

Peak

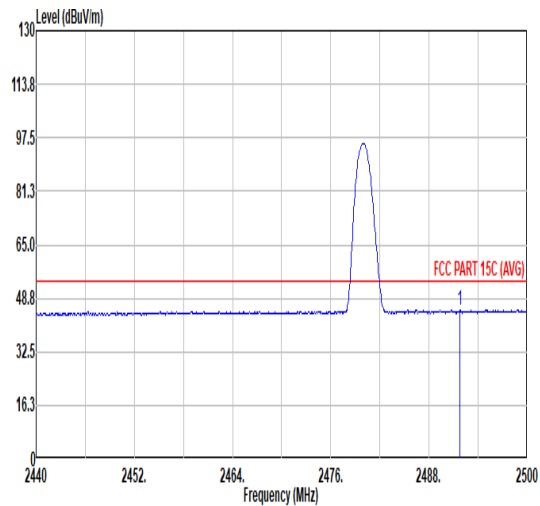


Freq	Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	Level	Line Margin	Level	Factor	Loss	Factor	Factor			
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2486.62	55.56	74.00	-18.44	42.65	32.79	6.74	32.62	6.00	100
										203 PEAK

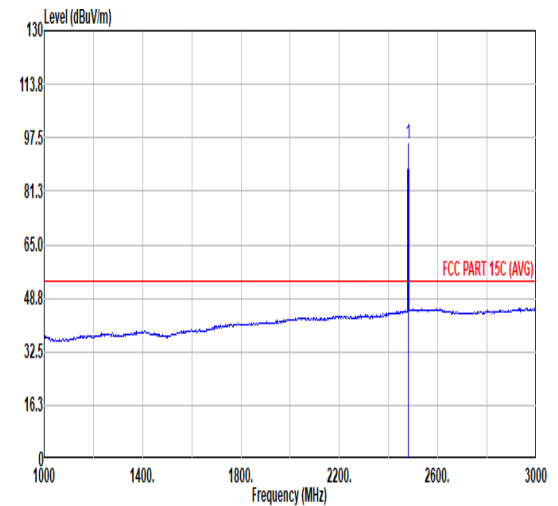


Freq	Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	Level	Line Margin	Level	Factor	Loss	Factor	Factor			
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2480.00	96.74	-----	-----	83.90	32.74	6.73	32.63	6.00	100
										203 PEAK

Avg

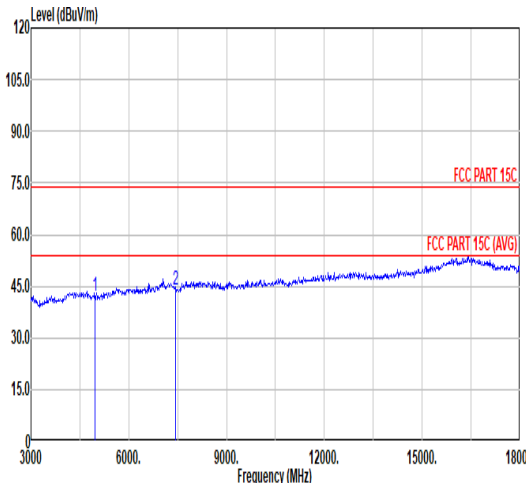
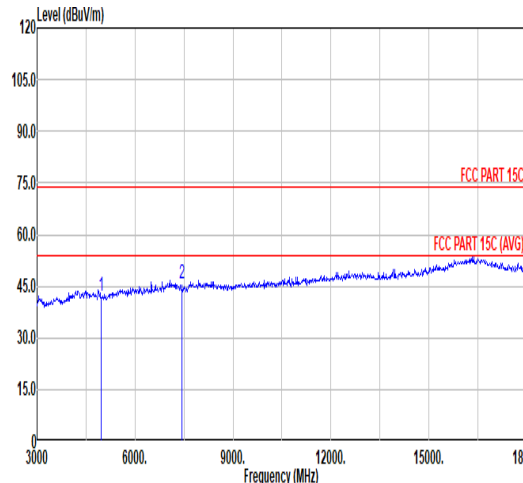


Freq	Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	Level	Line Margin	Level	Factor	Loss	Factor	Factor			
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2491.78	45.21	54.00	-8.79	32.24	32.83	6.74	32.60	6.00	100
										203 AVERAGE



Freq	Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
	Level	Line Margin	Level	Factor	Loss	Factor	Factor			
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg
1	2480.00	95.76	-----	-----	82.92	32.74	6.73	32.63	6.00	100
										203 AVERAGE



Mode	3																																																																																																																													
	Harmonic																																																																																																																													
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz																																																																																																																													
Pol.	Horizontal						Vertical																																																																																																																							
Peak Avg																																																																																																																														
	<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>4960.00</td><td>42.31</td><td>74.00</td><td>-31.69</td><td>59.32</td><td>34.18</td><td>9.61</td><td>60.80</td><td>0.00</td><td>---</td><td>---</td><td>PEAK</td></tr><tr><td>2</td><td>7440.00</td><td>44.12</td><td>74.00</td><td>-29.88</td><td>57.27</td><td>35.70</td><td>11.77</td><td>60.62</td><td>0.00</td><td>---</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	4960.00	42.31	74.00	-31.69	59.32	34.18	9.61	60.80	0.00	---	---	PEAK	2	7440.00	44.12	74.00	-29.88	57.27	35.70	11.77	60.62	0.00	---	---	PEAK	<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>4960.00</td><td>42.31</td><td>74.00</td><td>-31.69</td><td>59.32</td><td>34.18</td><td>9.61</td><td>60.80</td><td>0.00</td><td>---</td><td>---</td><td>PEAK</td></tr><tr><td>2</td><td>7440.00</td><td>45.65</td><td>74.00</td><td>-28.35</td><td>58.80</td><td>35.70</td><td>11.77</td><td>60.62</td><td>0.00</td><td>---</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	4960.00	42.31	74.00	-31.69	59.32	34.18	9.61	60.80	0.00	---	---	PEAK	2	7440.00	45.65	74.00	-28.35	58.80	35.70	11.77	60.62	0.00	---	---	PEAK
		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	4960.00	42.31	74.00	-31.69	59.32	34.18	9.61	60.80	0.00	---	---	PEAK																																																																																																																		
2	7440.00	44.12	74.00	-29.88	57.27	35.70	11.77	60.62	0.00	---	---	PEAK																																																																																																																		
	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	4960.00	42.31	74.00	-31.69	59.32	34.18	9.61	60.80	0.00	---	---	PEAK																																																																																																																		
2	7440.00	45.65	74.00	-28.35	58.80	35.70	11.77	60.62	0.00	---	---	PEAK																																																																																																																		



4

Mode

Band Edge

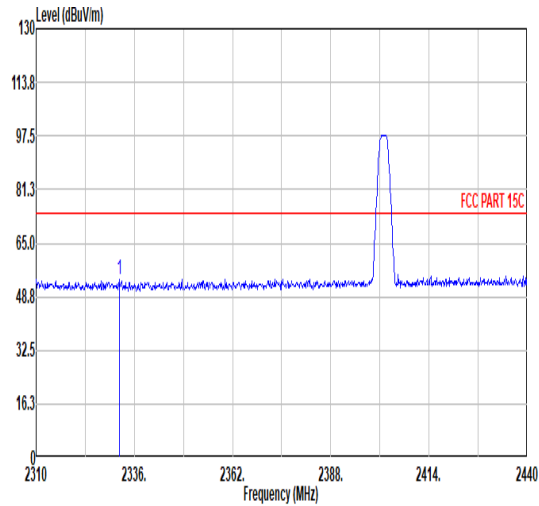
2400-2483.5_Bluetooth-LE_GSKF_CH00_2402MHz

Pol.

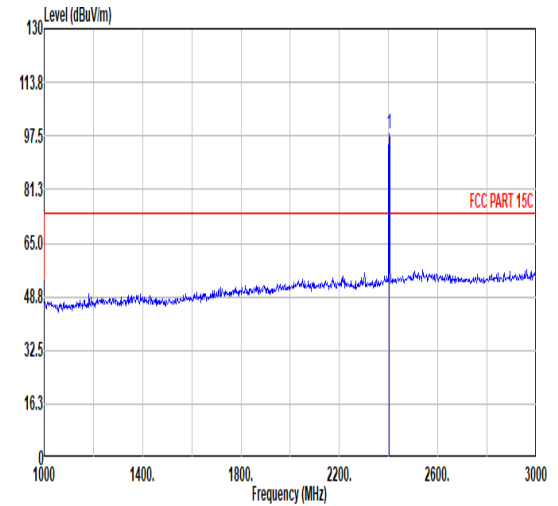
Horizontal

Fundamental

Peak

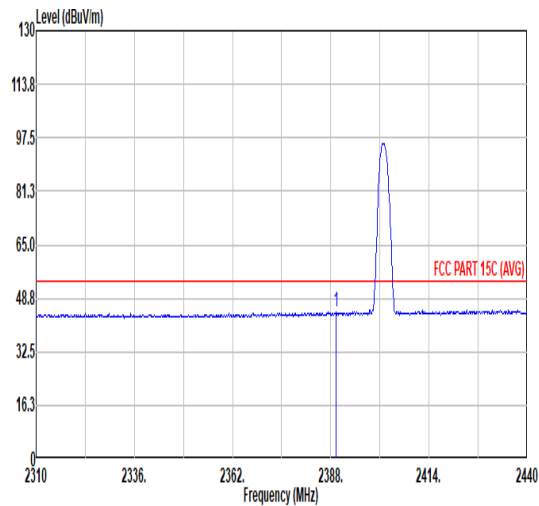


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2331.97	54.09	74.00	-19.91	42.89	31.64	6.51	32.95	6.00
								104
								123
								PEAK

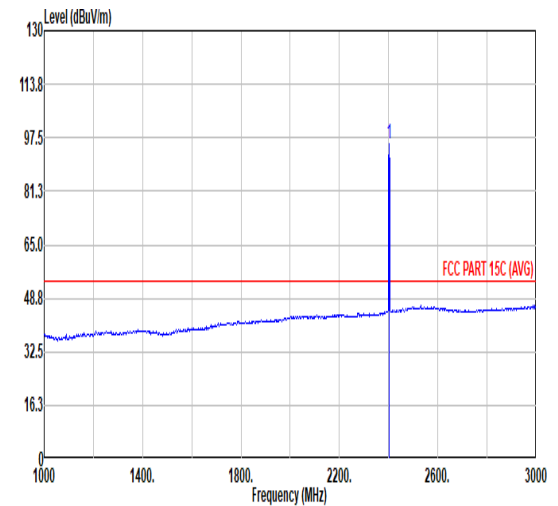


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2402.00	97.97	-----	-----	85.98	32.21	6.62	32.84	6.00
								104
								123
								PEAK

Avg



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	dB
1 2389.30	44.50	54.00	-9.50	32.71	32.05	6.60	32.86	6.00
								104
								123
								AVERAGE



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	dB
1 2402.00	95.81	-----	-----	83.82	32.21	6.62	32.84	6.00
								104
								123
								AVERAGE



4

Mode

Band Edge

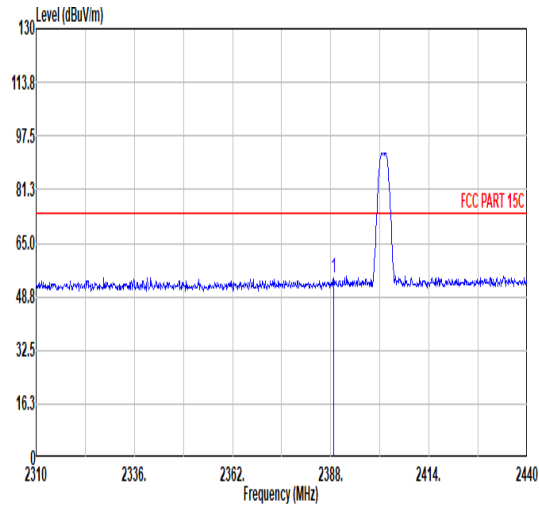
2400-2483.5_Bluetooth-LE_GSKF_CH00_2402MHz

Pol.

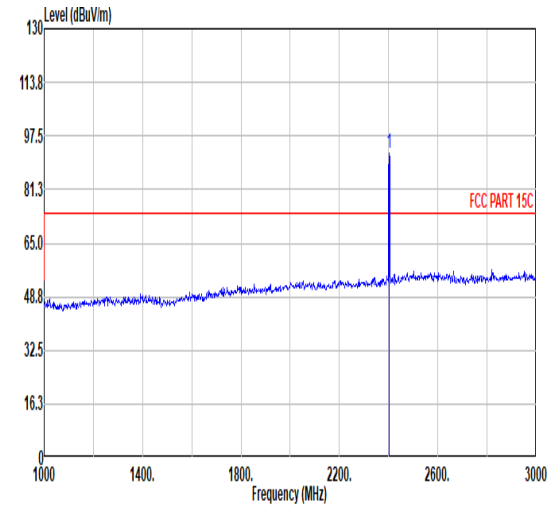
Vertical

Fundamental

Peak

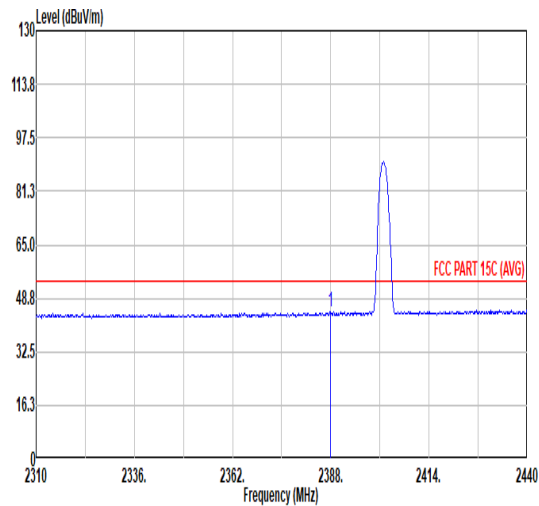


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2388.78	54.62	74.00	-19.38	42.84	32.04	6.60	32.86	6.00
								100
								250
								PEAK

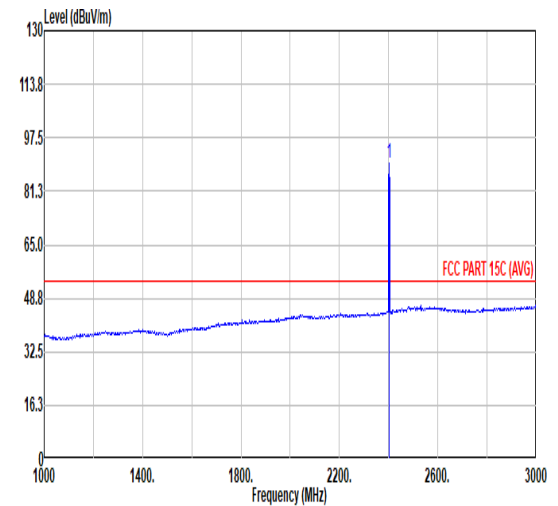


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2402.00	92.21	-----	-----	80.22	32.21	6.62	32.84	6.00
								100
								250
								PEAK

Avg

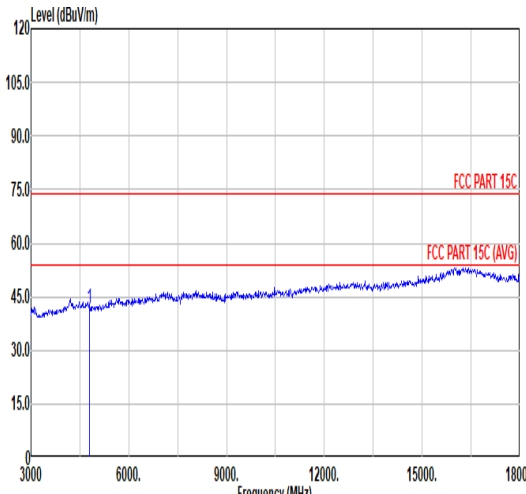
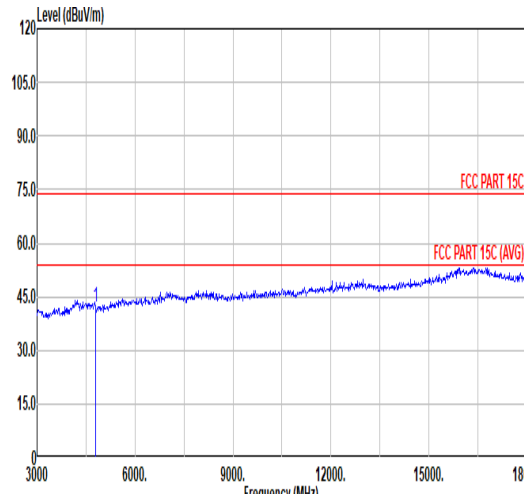


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2388.00	44.44	54.00	-9.56	32.67	32.03	6.60	32.86	6.00
								100
								250
								AVERAGE



Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1 2402.00	89.87	-----	-----	77.88	32.21	6.62	32.84	6.00
								100
								250
								AVERAGE



Mode	4																																																																																															
	Harmonic																																																																																															
	2400-2483.5_Bluetooth-LE_GSKF_CH00_2402MHz																																																																																															
Pol.	Horizontal						Vertical																																																																																									
Peak Avg																																																																																																
	<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></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></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>41.83</td><td>74.00</td><td>-32.17</td><td>59.11</td><td>34.20</td><td>9.44</td><td>60.92</td><td>0.00</td><td>---</td><td>---</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor		Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	41.83	74.00	-32.17	59.11	34.20	9.44	60.92	0.00	---	---	PEAK	<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></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Loss Factor</th><th>Factor</th><th></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>42.07</td><td>74.00</td><td>-31.93</td><td>59.35</td><td>34.20</td><td>9.44</td><td>60.92</td><td>0.00</td><td>---</td><td>---</td><td>PEAK</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor		Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	42.07	74.00	-31.93	59.35	34.20	9.44	60.92	0.00	---	---	PEAK
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																							
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor		Remark																																																																																								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	4804.00	41.83	74.00	-32.17	59.11	34.20	9.44	60.92	0.00	---	---	PEAK																																																																																				
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																								
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor		Remark																																																																																								
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																						
1	4804.00	42.07	74.00	-31.93	59.35	34.20	9.44	60.92	0.00	---	---	PEAK																																																																																				



5

Mode

Harmonic

2400-2483.5_Bluetooth-LE_GSKF_CH19_2440MHz

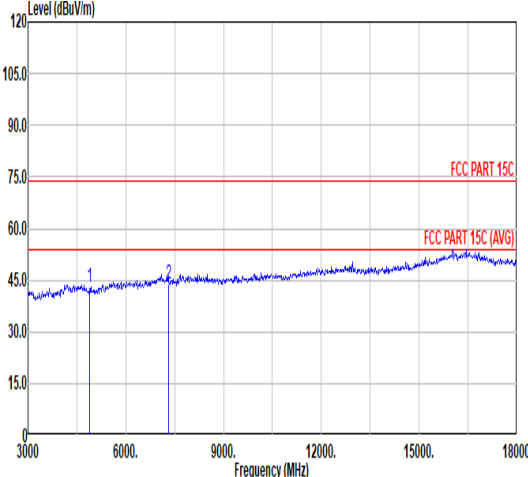
Pol.

Horizontal

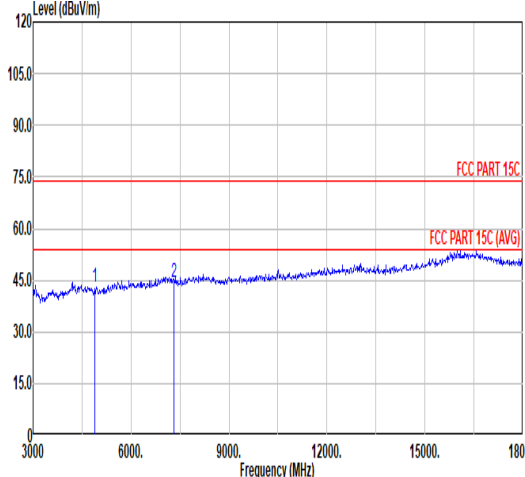
Vertical

Peak

Avg



	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos			
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	4880.00	43.19	74.00	-30.81	60.32	34.20	9.53	60.86	0.00	---	PEAK
2	7320.00	44.05	74.00	-29.95	57.03	35.68	11.69	60.35	0.00	---	PEAK



	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos			
Freq	Level	Line Margin	Level Factor	Loss Factor	Loss Factor	Factor			Remark		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	
1	4880.00	42.93	74.00	-31.07	60.06	34.20	9.53	60.86	0.00	---	PEAK
2	7320.00	44.32	74.00	-29.68	57.30	35.68	11.69	60.35	0.00	---	PEAK



6

Mode

Band Edge

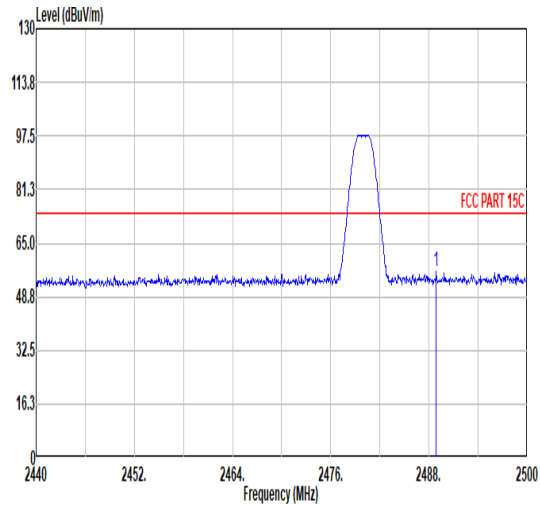
2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz

Pol.

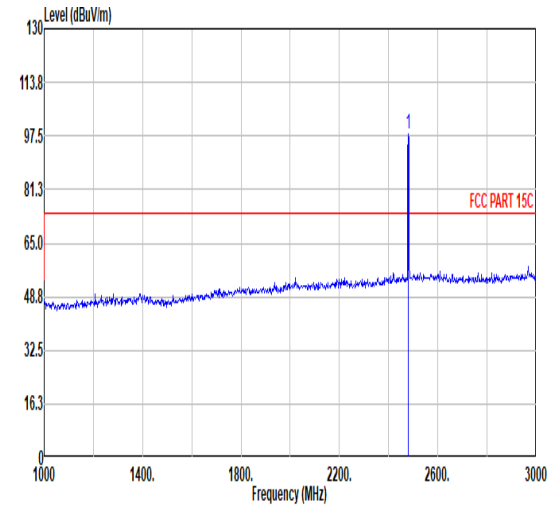
Horizontal

Fundamental

Peak

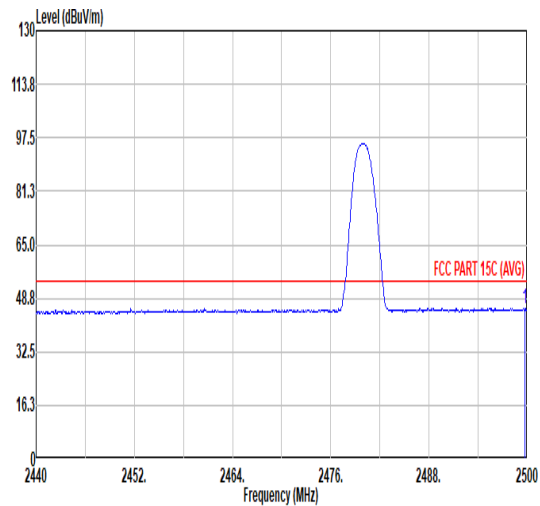


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1	2488.90	56.56	74.00	-17.44	43.62	32.81	6.74	32.61
								6.00
								100
								121
								PEAK

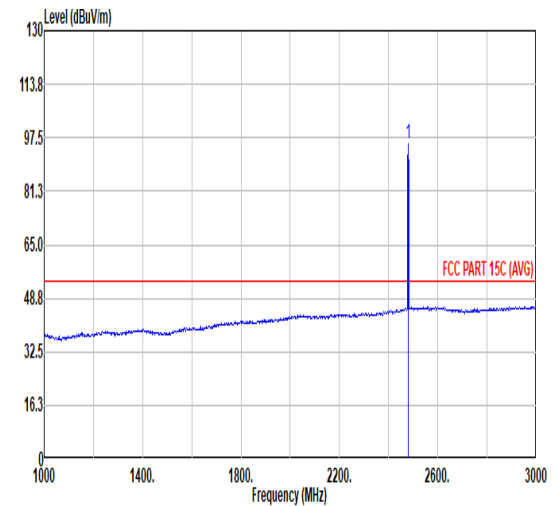


Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB
1	2480.00	98.05	-----	-----	85.21	32.74	6.73	32.63
								6.00
								100
								121
								PEAK

Avg



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	dB
1	2499.70	45.81	54.00	-8.19	32.73	32.90	6.76	32.58
								6.00
								100
								121
								AVERAGE



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	dB
1	2480.00	95.73	-----	-----	82.89	32.74	6.73	32.63
								6.00
								100
								121
								AVERAGE



6

Mode

Band Edge

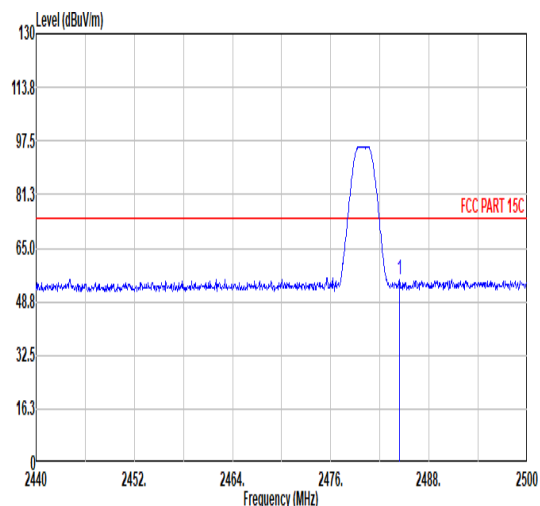
2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz

Pol.

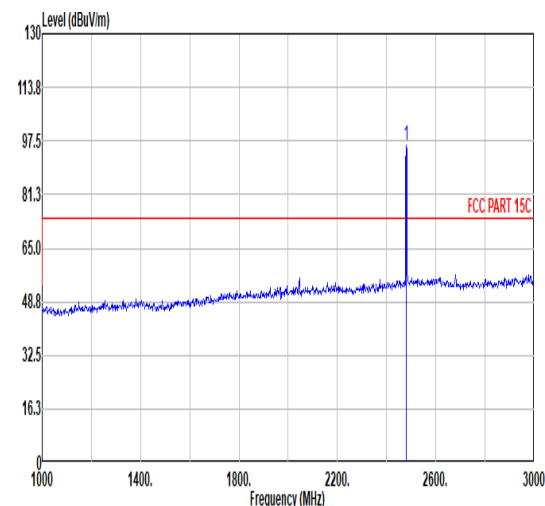
Vertical

Fundamental

Peak

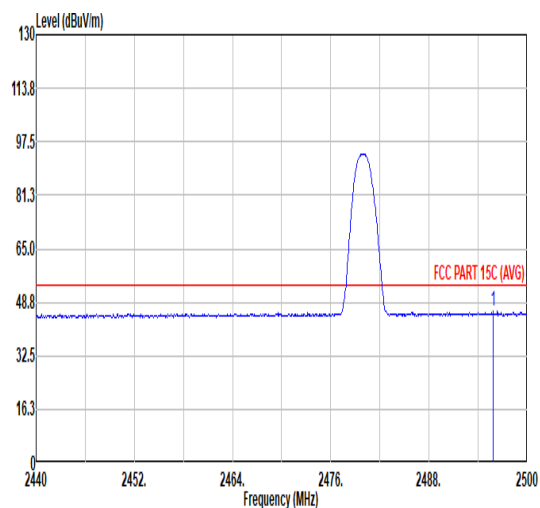


Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg
1 2484.40	55.58	74.00	-18.42	42.69	32.78	6.73	32.62	6.00	100	204 PEAK

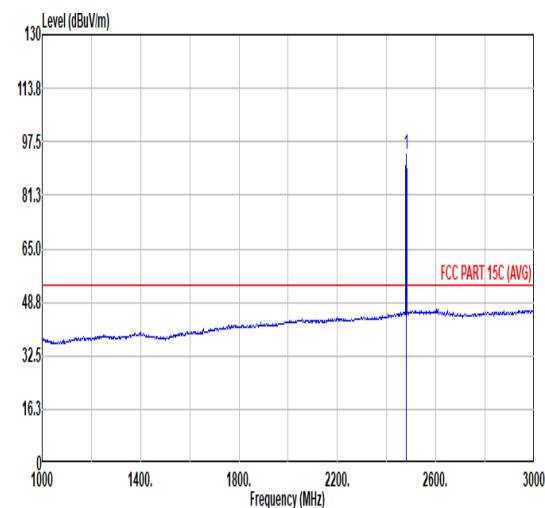


Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg
1 2480.00	96.15	-----	83.31	32.74	6.73	32.63	6.00	100	204	PEAK

Avg



Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg
1 2495.86	45.96	54.00	-8.04	32.93	32.87	6.75	32.59	6.00	100	204 AVERAGE



Freq	Level	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark
		Line Margin								
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg
1 2480.00	93.88	-----	81.04	32.74	6.73	32.63	6.00	100	204	AVERAGE



6

Mode

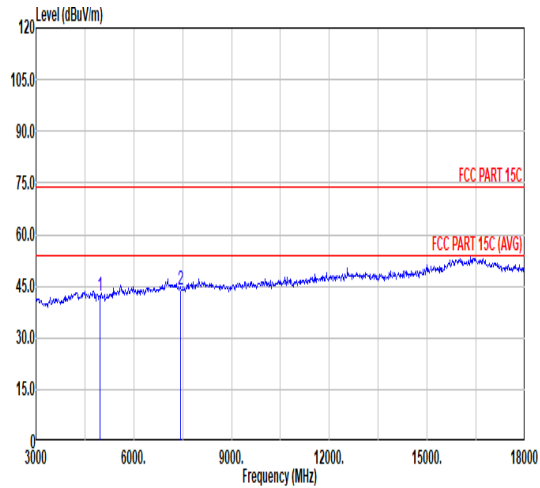
Harmonic

2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz

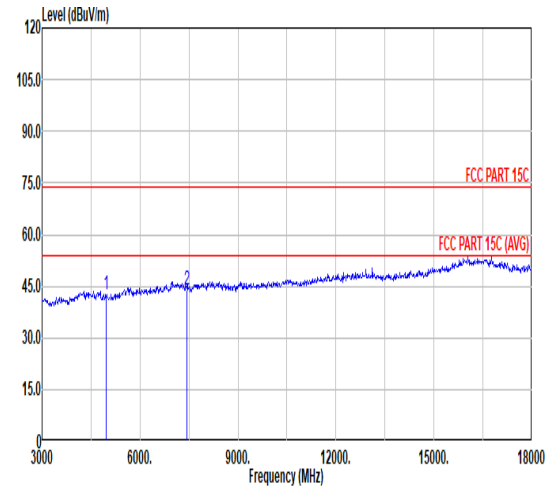
Pol.

Horizontal

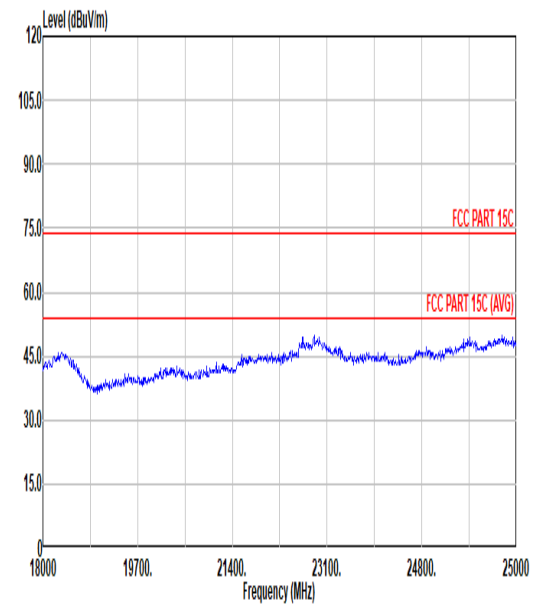
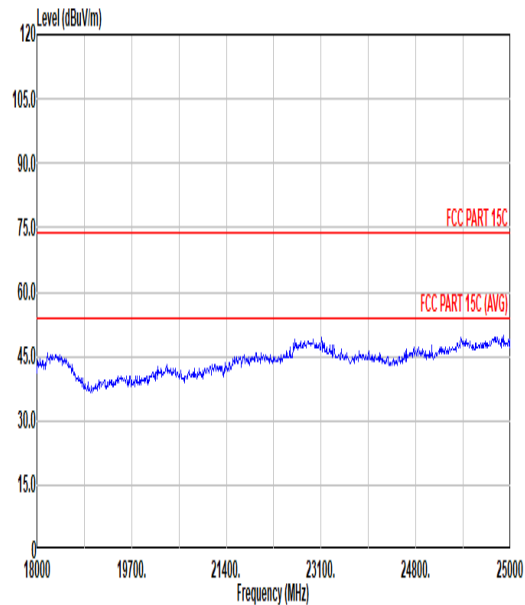
Vertical

Peak
Avg

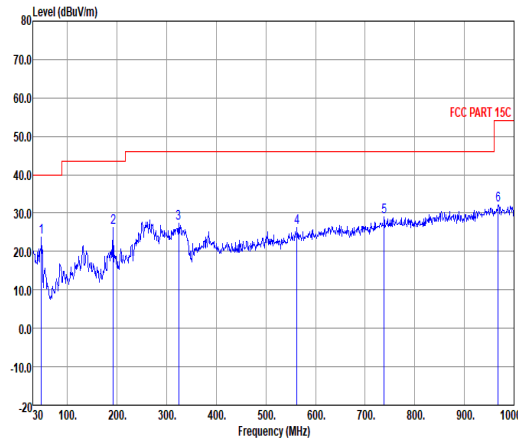
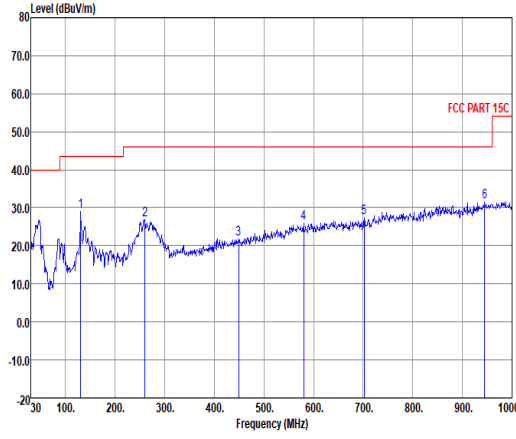
		Limit		Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg		
1	4960.00	42.09	74.00	-31.91	59.10	34.18	9.61	60.80	0.00	---	---	PEAK
2	7440.00	44.11	74.00	-29.89	57.26	35.70	11.77	60.62	0.00	---	---	PEAK



		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	dB	cm	deg		
1	4960.00	42.45	74.00	-31.55	59.46	34.18	9.61	60.00	0.00	---	---	PEAK
2	7440.00	43.73	74.00	-30.27	56.88	35.70	11.77	60.62	0.00	---	---	PEAK





Mode	6																																																																																																																																																																																																	
	LF																																																																																																																																																																																																	
	2400-2483.5_Bluetooth-LE_GSKF_CH39_2480MHz																																																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																																																
Peak QP	 Site : 03CH06-KS Condition : FCC PART 15C 3m LF 6111D SN44483 HORIZONTAL <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Read</th><th>Cable</th><th>Antenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>47.46</td><td>23.73</td><td>-16.27</td><td>40.00</td><td>39.67</td><td>0.69</td><td>15.87</td><td>32.50</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>191.99</td><td>26.21</td><td>-17.29</td><td>43.50</td><td>41.65</td><td>1.87</td><td>14.86</td><td>32.17</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>323.91</td><td>27.36</td><td>-18.64</td><td>46.00</td><td>37.41</td><td>2.43</td><td>19.71</td><td>32.19</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>562.53</td><td>26.14</td><td>-19.86</td><td>46.00</td><td>29.90</td><td>3.20</td><td>25.50</td><td>32.46</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>738.10</td><td>28.96</td><td>-17.04</td><td>46.00</td><td>29.63</td><td>3.67</td><td>27.85</td><td>32.19</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>967.99</td><td>32.23</td><td>-21.77</td><td>54.00</td><td>27.99</td><td>4.19</td><td>30.85</td><td>30.80</td><td>---</td><td>---</td><td>Peak</td></tr></table>	Peak	Freq	Level	Limit	Line	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg		1	47.46	23.73	-16.27	40.00	39.67	0.69	15.87	32.50	---	---	Peak	2	191.99	26.21	-17.29	43.50	41.65	1.87	14.86	32.17	---	---	Peak	3	323.91	27.36	-18.64	46.00	37.41	2.43	19.71	32.19	---	---	Peak	4	562.53	26.14	-19.86	46.00	29.90	3.20	25.50	32.46	---	---	Peak	5	738.10	28.96	-17.04	46.00	29.63	3.67	27.85	32.19	---	---	Peak	6	967.99	32.23	-21.77	54.00	27.99	4.19	30.85	30.80	---	---	Peak	 Site : 03CH06-KS Condition : FCC PART 15C 3m LF 6111D SN44483 VERTICAL <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Read</th><th>Cable</th><th>Antenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>130.88</td><td>29.08</td><td>-14.42</td><td>43.50</td><td>42.14</td><td>1.52</td><td>17.59</td><td>32.17</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>259.89</td><td>26.76</td><td>-19.24</td><td>46.00</td><td>36.36</td><td>2.17</td><td>20.40</td><td>32.17</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>449.04</td><td>21.90</td><td>-24.10</td><td>46.00</td><td>28.46</td><td>2.86</td><td>23.08</td><td>32.50</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>579.99</td><td>25.97</td><td>-20.03</td><td>46.00</td><td>29.51</td><td>3.25</td><td>25.64</td><td>32.43</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>702.21</td><td>27.35</td><td>-18.65</td><td>46.00</td><td>29.27</td><td>3.58</td><td>26.76</td><td>32.26</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>944.71</td><td>31.57</td><td>-14.43</td><td>46.00</td><td>27.66</td><td>4.14</td><td>30.81</td><td>31.04</td><td>---</td><td>---</td><td>Peak</td></tr></table>	Peak	Freq	Level	Limit	Line	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg		1	130.88	29.08	-14.42	43.50	42.14	1.52	17.59	32.17	---	---	Peak	2	259.89	26.76	-19.24	46.00	36.36	2.17	20.40	32.17	---	---	Peak	3	449.04	21.90	-24.10	46.00	28.46	2.86	23.08	32.50	---	---	Peak	4	579.99	25.97	-20.03	46.00	29.51	3.25	25.64	32.43	---	---	Peak	5	702.21	27.35	-18.65	46.00	29.27	3.58	26.76	32.26	---	---	Peak	6	944.71	31.57	-14.43	46.00	27.66	4.14	30.81	31.04	---	---	Peak
	Peak	Freq	Level	Limit	Line	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark																																																																																																																																																																																						
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg																																																																																																																																																																																								
1	47.46	23.73	-16.27	40.00	39.67	0.69	15.87	32.50	---	---	Peak																																																																																																																																																																																							
2	191.99	26.21	-17.29	43.50	41.65	1.87	14.86	32.17	---	---	Peak																																																																																																																																																																																							
3	323.91	27.36	-18.64	46.00	37.41	2.43	19.71	32.19	---	---	Peak																																																																																																																																																																																							
4	562.53	26.14	-19.86	46.00	29.90	3.20	25.50	32.46	---	---	Peak																																																																																																																																																																																							
5	738.10	28.96	-17.04	46.00	29.63	3.67	27.85	32.19	---	---	Peak																																																																																																																																																																																							
6	967.99	32.23	-21.77	54.00	27.99	4.19	30.85	30.80	---	---	Peak																																																																																																																																																																																							
Peak	Freq	Level	Limit	Line	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark																																																																																																																																																																																							
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB/m	dB	cm	deg																																																																																																																																																																																								
1	130.88	29.08	-14.42	43.50	42.14	1.52	17.59	32.17	---	---	Peak																																																																																																																																																																																							
2	259.89	26.76	-19.24	46.00	36.36	2.17	20.40	32.17	---	---	Peak																																																																																																																																																																																							
3	449.04	21.90	-24.10	46.00	28.46	2.86	23.08	32.50	---	---	Peak																																																																																																																																																																																							
4	579.99	25.97	-20.03	46.00	29.51	3.25	25.64	32.43	---	---	Peak																																																																																																																																																																																							
5	702.21	27.35	-18.65	46.00	29.27	3.58	26.76	32.26	---	---	Peak																																																																																																																																																																																							
6	944.71	31.57	-14.43	46.00	27.66	4.14	30.81	31.04	---	---	Peak																																																																																																																																																																																							



Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
Bluetooth LE 1Mbps	61.57	0.386	2.594	2.7KHz
Bluetooth LE 2Mbps	32.41	0.202	4.929	5.1KHz

Bluetooth LE 1Mbps



Bluetooth LE 2Mbps

