FCC RF Test Report

APPLICANT	:	**Ring LLC**
EQUIPMENT	:	**Battery Doorbell Pro**
BRAND NAME	:	**ring**
MODEL NAME	:	**5F79E9**
FCC ID	:	**2AEUPBHARG091**
STANDARD	:	**FCC Part 15 Subpart C §15.247**
CLASSIFICATION	:	**(DTS) Digital Transmission System**
TEST DATE(S)	:	**Apr. 07, 2023 ~ Aug. 28, 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

ACCREDITED
Cert #5145.02

Sporton International Inc. (Kunshan)
No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China

TABLE OF CONTENTS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR330811-01A	Rev. 01	Initial issue of report	Nov. 15, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	6dB Bandwidth	≥ 0.5MHz	Pass	-
3.1	-	99% Bandwidth	-	Report only	-
3.2	15.247(b)(3)	Output Power	≤ 30dBm	Pass	-
3.3	15.247(e)	Power Spectral Density	≤ 8dBm/3kHz	Pass	-
3.4	15.247(d)	Conducted Band Edges and Spurious Emission	≤ 30dBc	Pass	-
3.5	15.247(d)	Radiated Band Edges and Spurious Emission	15.209(a) & 15.247(d)	Pass	Under limit 3.56 dB at 2483.50 MHz
3.6	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 20.90 dB at 0.150 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/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”

Disclaimer:

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

1 General Description

1.1 Applicant

Ring LLC
12515 Cerise Ave, Hawthorne, CA 90250 USA

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Battery Doorbell Pro
Brand Name	ring
Model Name	5F79E9
FCC ID	2AEUPBHARG091
SN	Conducted: G9D2G90431460041 Conduction: G9D2G90431520124 Radiation: G9D2G90431460006
HW Version	DVT 4
SW Version	1.2.118
EUT Stage	Production Unit

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

1.3 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 (Average power)	<Ant.1>: Bluetooth LE 1Mbps: 14.21 dBm (0.0264 W) Bluetooth LE 2Mbps: 13.05 dBm (0.0202 W) Bluetooth LE 125Kbps: 13.18 dBm (0.0208 W) Bluetooth LE 500Kbps: 12.84 dBm (0.0192 W) <Ant.2>: Bluetooth LE 1Mbps: 13.61 dBm (0.0230 W) Bluetooth LE 2Mbps: 13.20 dBm (0.0209 W) Bluetooth LE 125Kbps: 13.00 dBm (0.0200 W) Bluetooth LE 500Kbps: 13.05 dBm (0.0202 W)
99% Occupied Bandwidth	<Ant.1>: Bluetooth LE 1Mbps: 1.037 MHz Bluetooth LE 2Mbps: 2.046 MHz Bluetooth LE 125Kbps: 1.047 MHz Bluetooth LE 500Kbps: 1.023 MHz <Ant.2>: Bluetooth LE 1Mbps: 1.035 MHz Bluetooth LE 2Mbps: 2.046 MHz Bluetooth LE 125Kbps: 1.049 MHz Bluetooth LE 500Kbps: 1.023 MHz
Antenna Type / Gain	<Ant.1>: IFA Antenna with gain 1.9 dBi <Ant.2>: IFA Antenna with gain 2.2 dBi
Type of Modulation	Bluetooth LE : GFSK

Note: the BLE Ant.1 & Ant.2 only support SISO mode, not support MIMO.

1.4 Modification of EUT

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

1.5 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 03CH08-KS TH01-KS	CN1257	314309

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	TH01-KS	SPORTON	FCC 15C-15E Test Tools Ver10.0_210607	10.0
2.	03CH08-KS	AUDIX	E3	6.2009-8-24
3.	CO01-KS	AUDIX	E3	6.2009-8-24

1.7 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: All test items were verified and recorded according to the standards and without any deviation during the test.

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 (X plane) were recorded in this report.

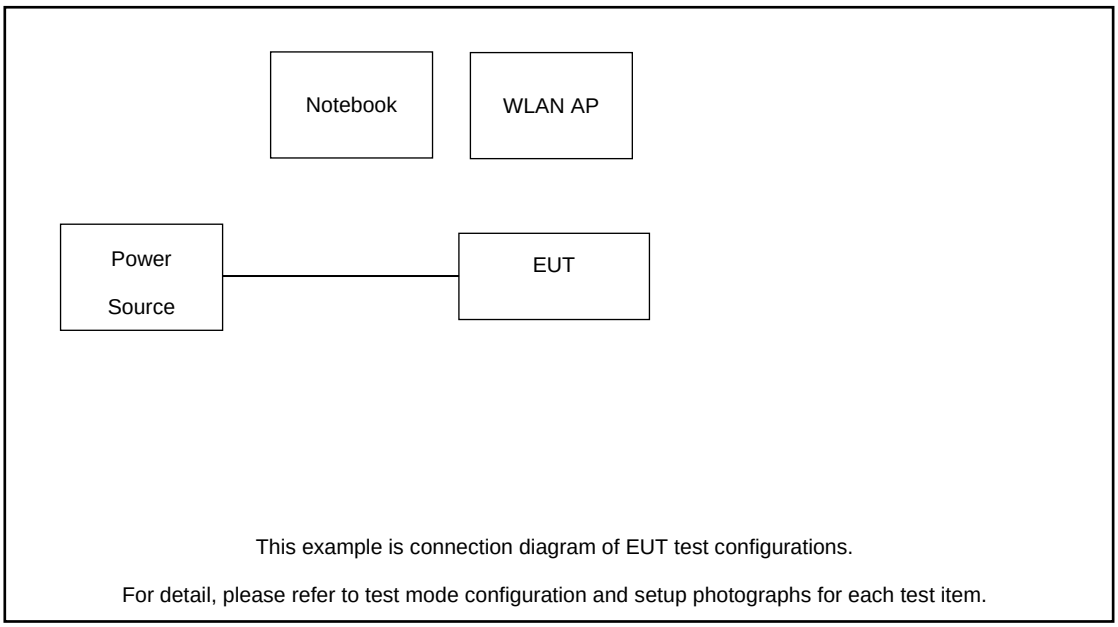
b. AC power line Conducted Emission was tested under maximum output power.

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: BT TX + WLAN Link(2.4G) + Adapter 1 + Battery 1
Remark: 1. The AC Conduction and RSE are tested with accessories from the worst case of Part 15B report. 2. For Radiated Test Cases, pretest with Plastic Faceplate and Metal Faceplate, use the worst Metal Faceplate to perform final test.	

2.3 Connection Diagram of Test System

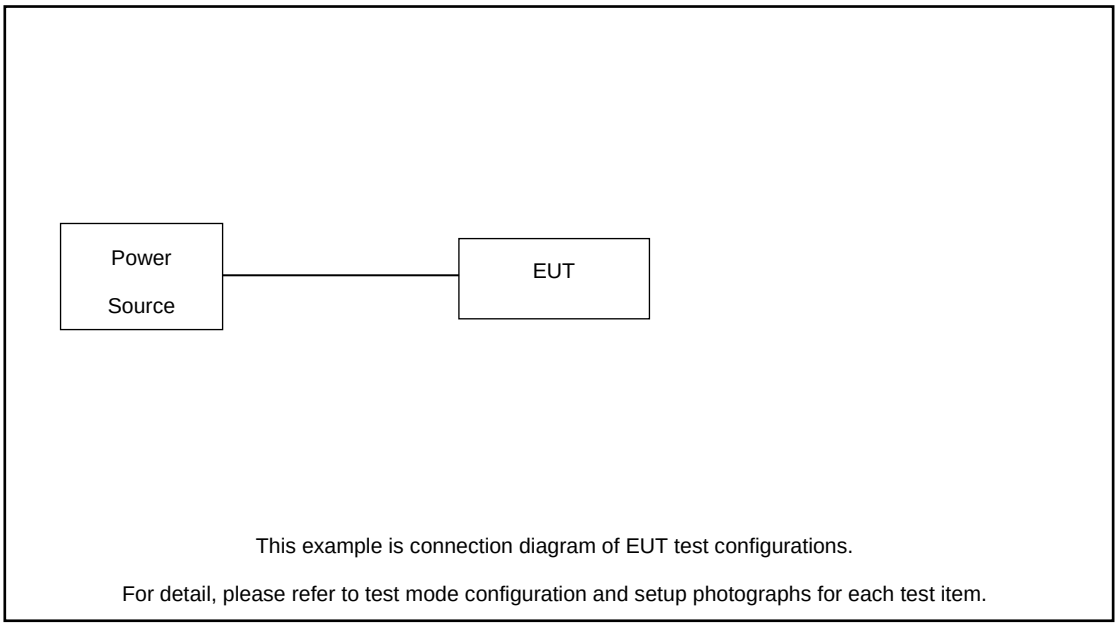
For AC Conducted Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

For Radiated Emission:



This example is connection diagram of EUT test configurations.

For detail, please refer to test mode configuration and setup photographs for each test item.

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	CBT bluetooth tester	R&S	CBT	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	LINKSYS	WRT 1900 ACS	N/A	N/A	Unshielded,1.8m
3.	Notebook	Lenovo	V130-15IKB005	N/A	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
4.	AC/DC Adapter 1 (US)	DEE VAN ENTERPRISE CO., LTE	DSA-12PF16-24 FUS 240050	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 5.8 dB and 10dB attenuator.

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

= 5.8 + 10 = 15.8 (dB)

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB Bandwidth

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

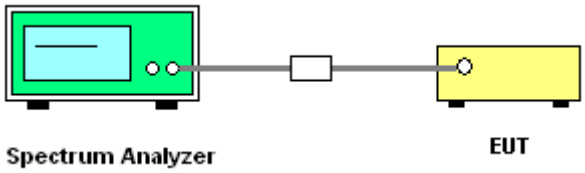
3.1.2 Measuring Instruments

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

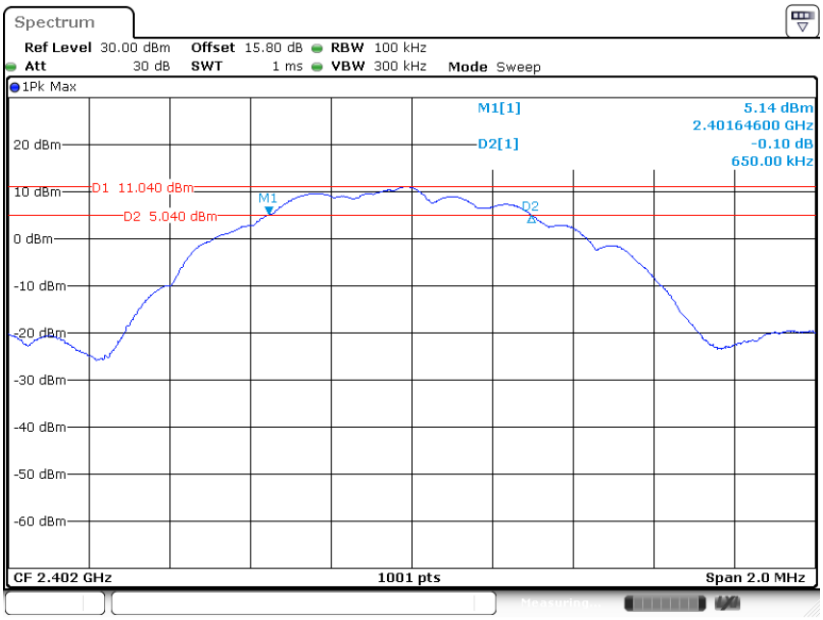


3.1.5 Test Result of 6dB Bandwidth

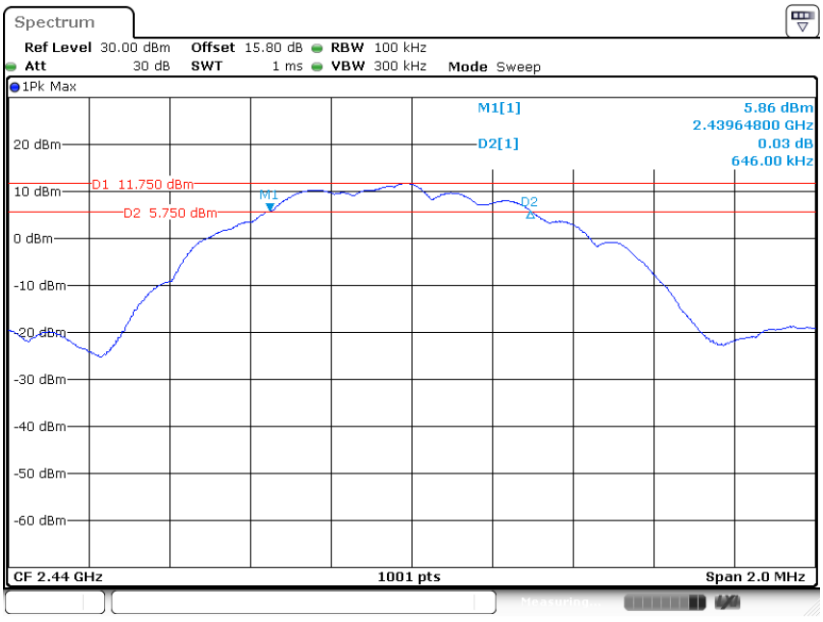
Please refer to Appendix A.

Bluetooth LE 1Mbps (Ant.1):

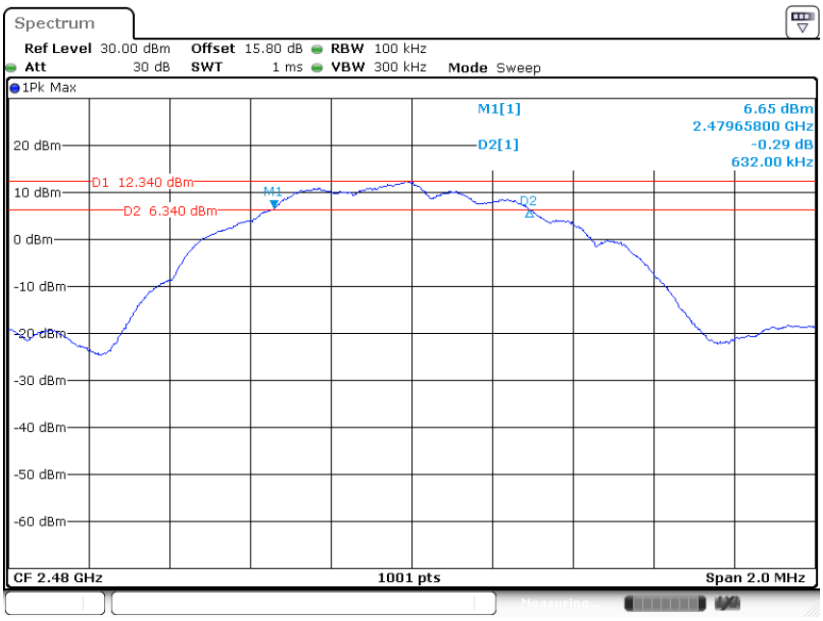
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



6 dB Bandwidth Plot on Channel 39



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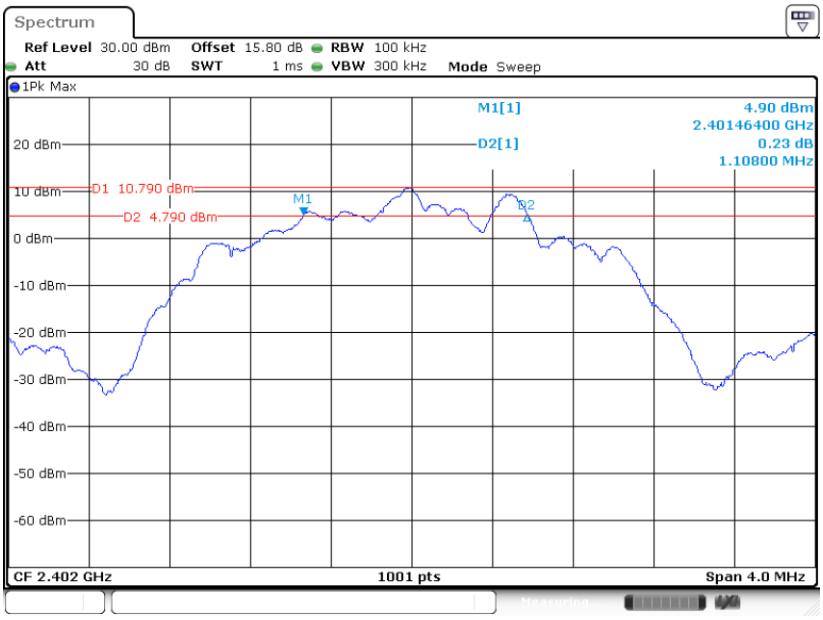
Bluetooth LE 2Mbps (Ant.1):

6 dB Bandwidth Plot on Channel 00



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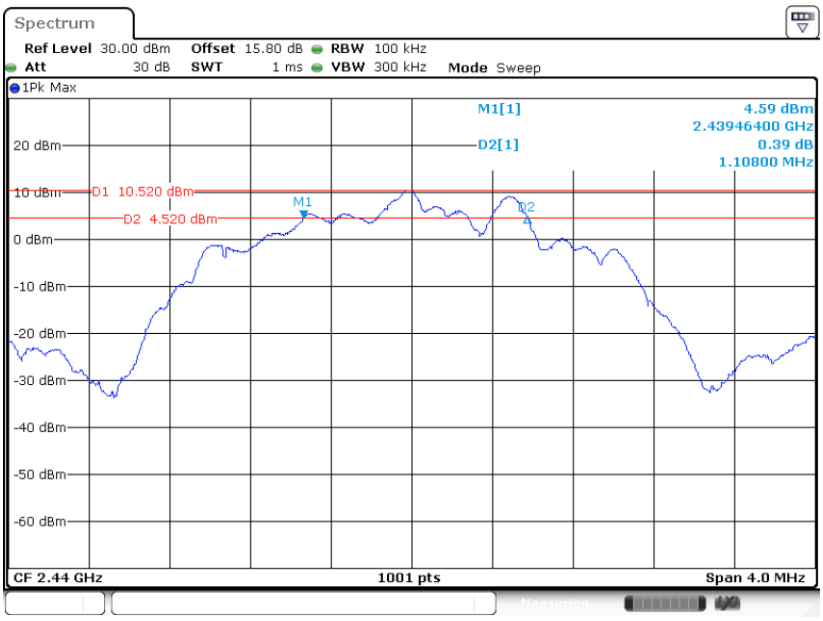
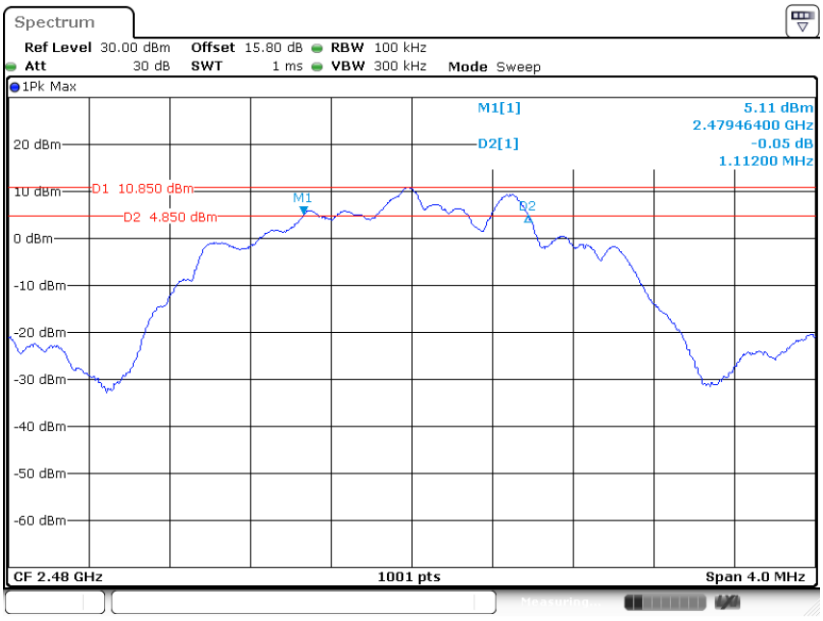
6 dB Bandwidth Plot on Channel 19

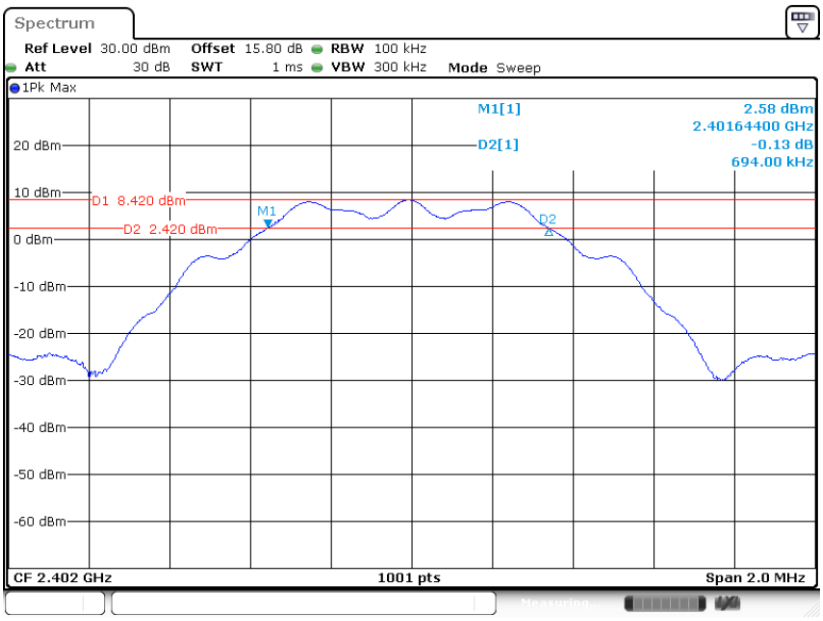


6 dB Bandwidth Plot on Channel 39

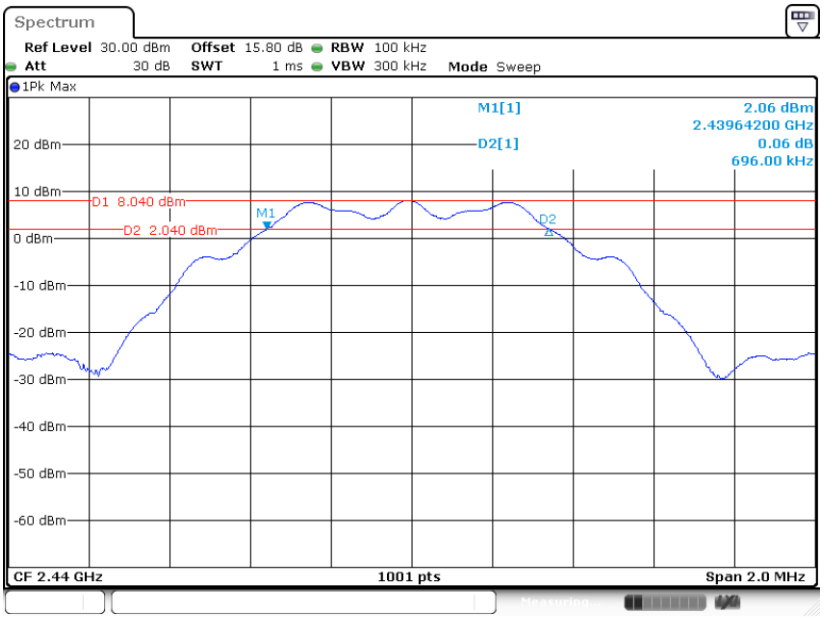


Bluetooth LE 125Kbps (Ant.1):

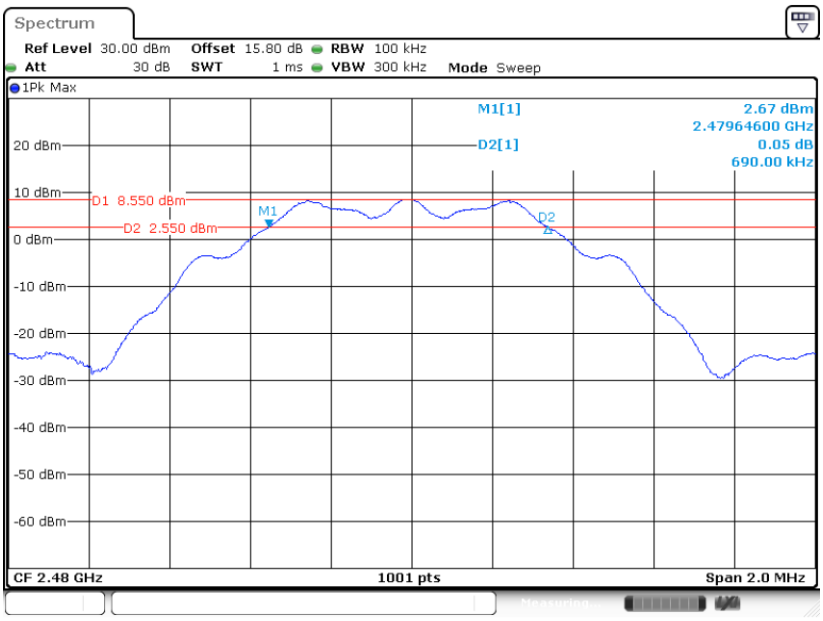
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19

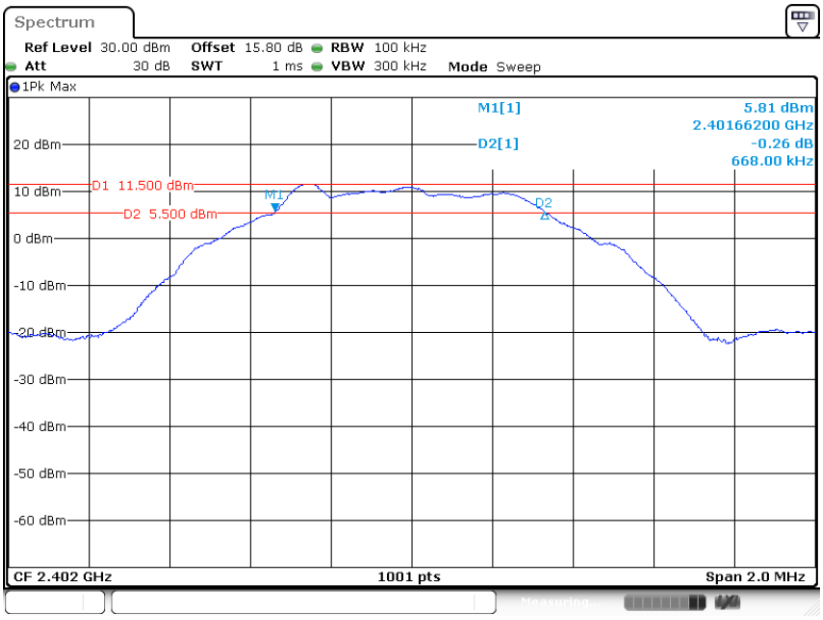


6 dB Bandwidth Plot on Channel 39

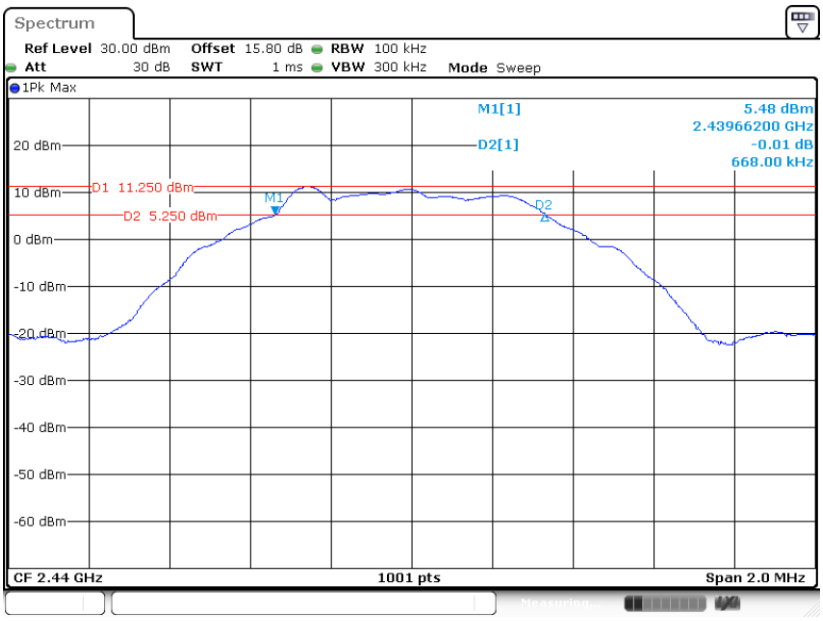


Bluetooth LE 500Kbps (Ant.1):

6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



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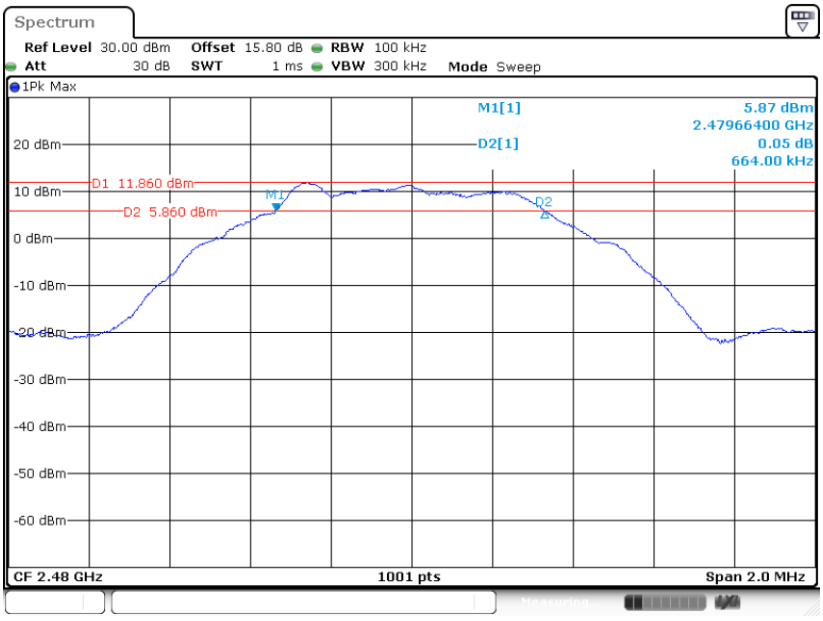
6 dB Bandwidth Plot on Channel 39



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Bluetooth LE 1Mbps (Ant.2):

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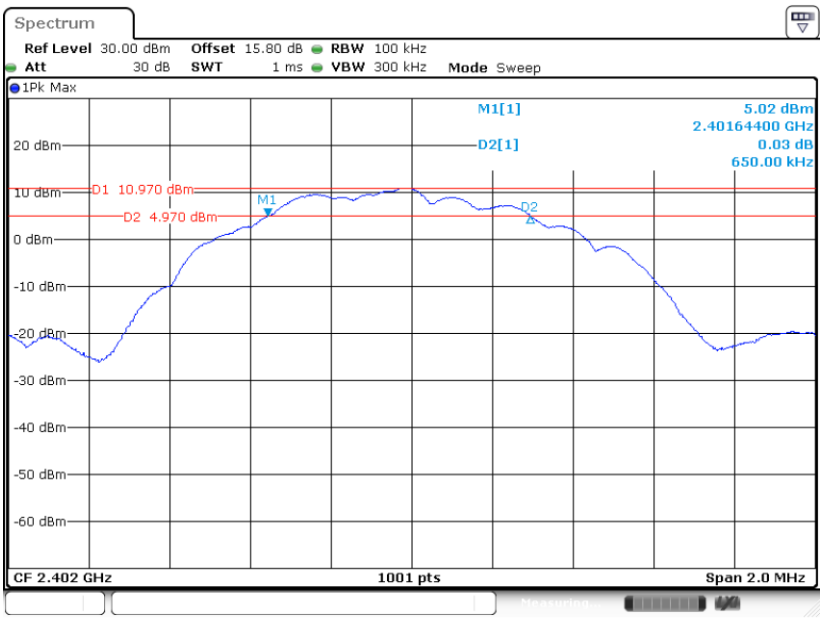

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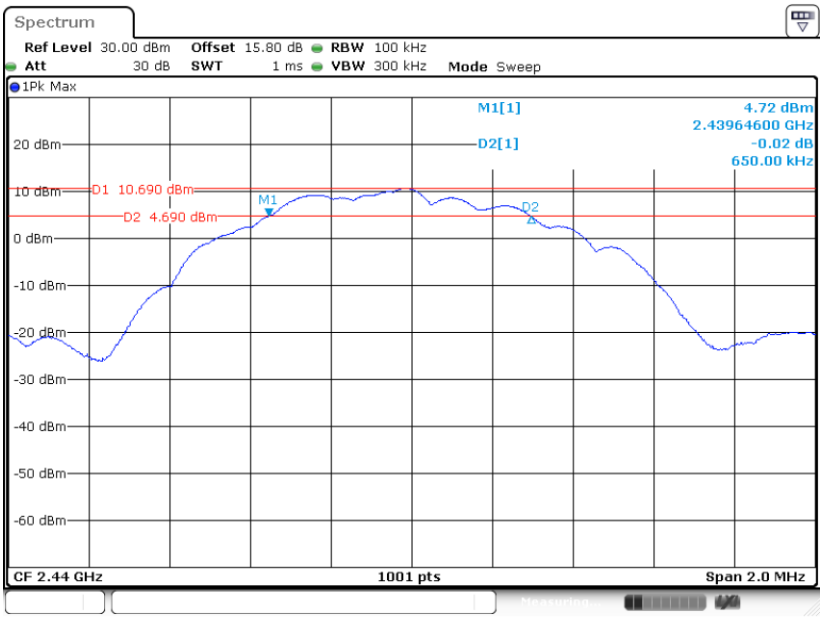
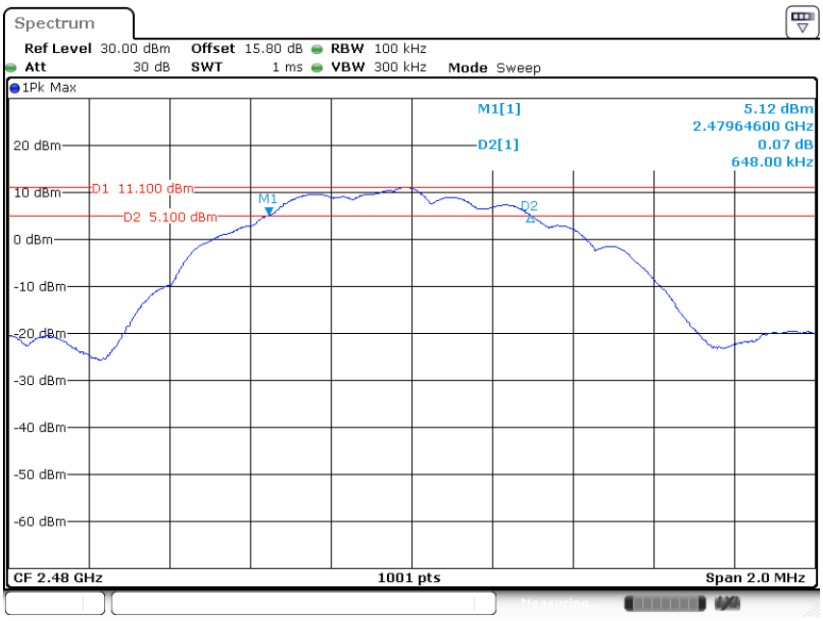
6 dB Bandwidth Plot on Channel 19



Date: 4.JUN.2023 07:37:29

6 dB Bandwidth Plot on Channel 39



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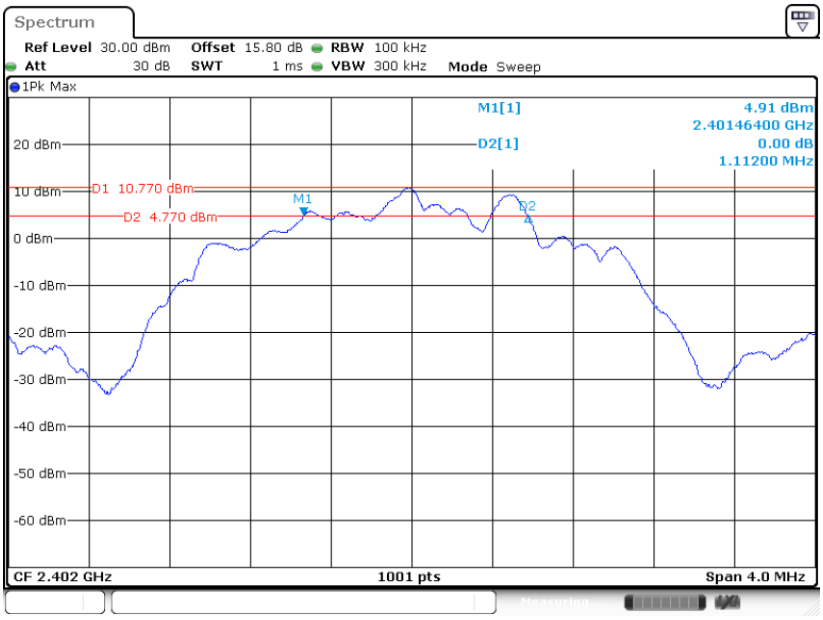
Bluetooth LE 2Mbps (Ant.2):

6 dB Bandwidth Plot on Channel 00



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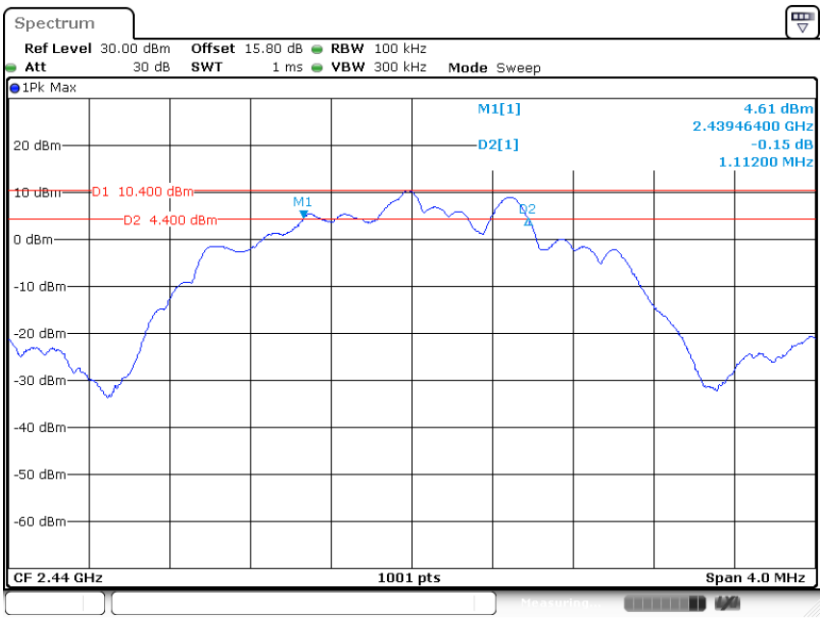
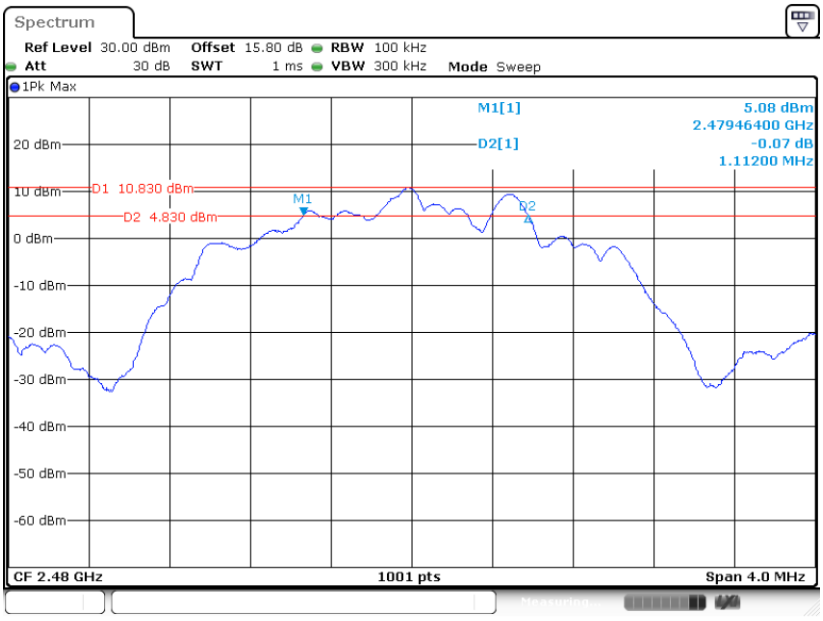
6 dB Bandwidth Plot on Channel 19

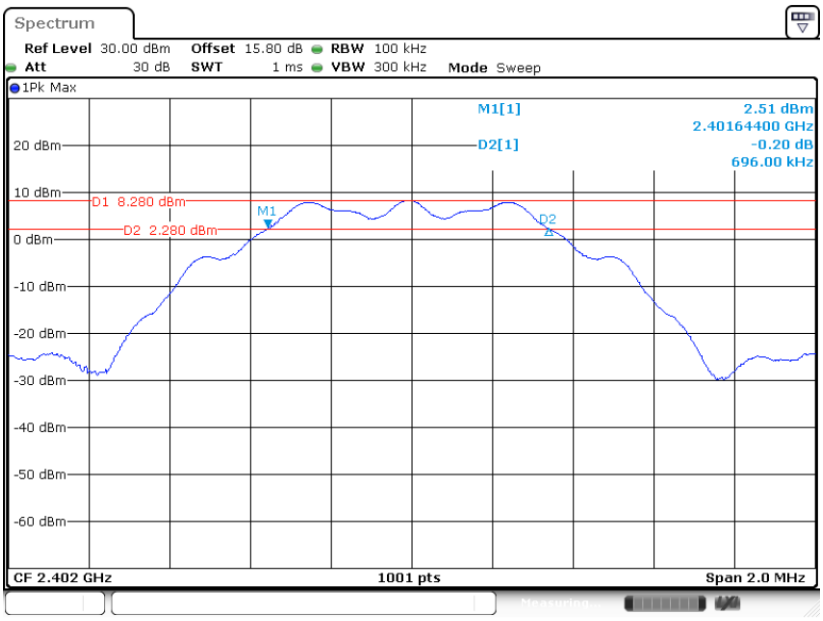


6 dB Bandwidth Plot on Channel 39

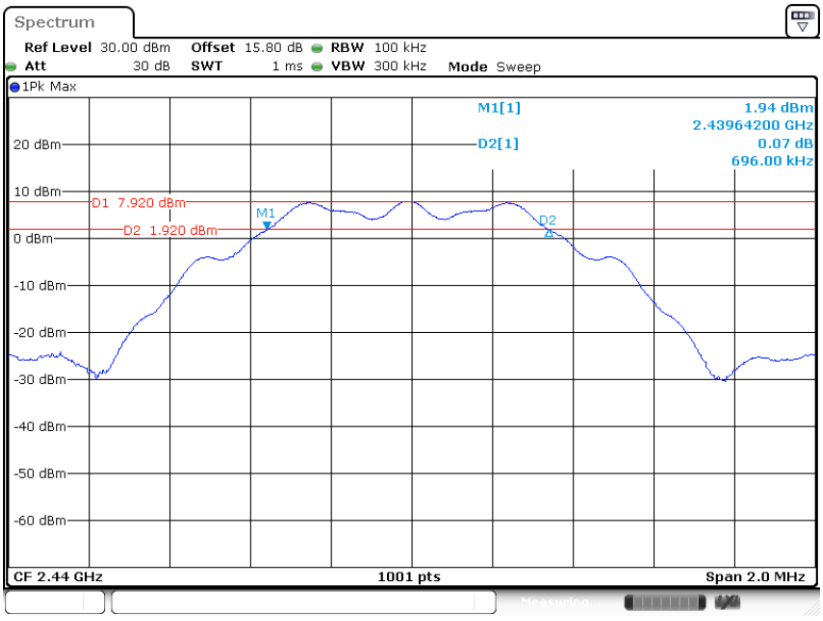


Bluetooth LE 125Kbps (Ant.2):

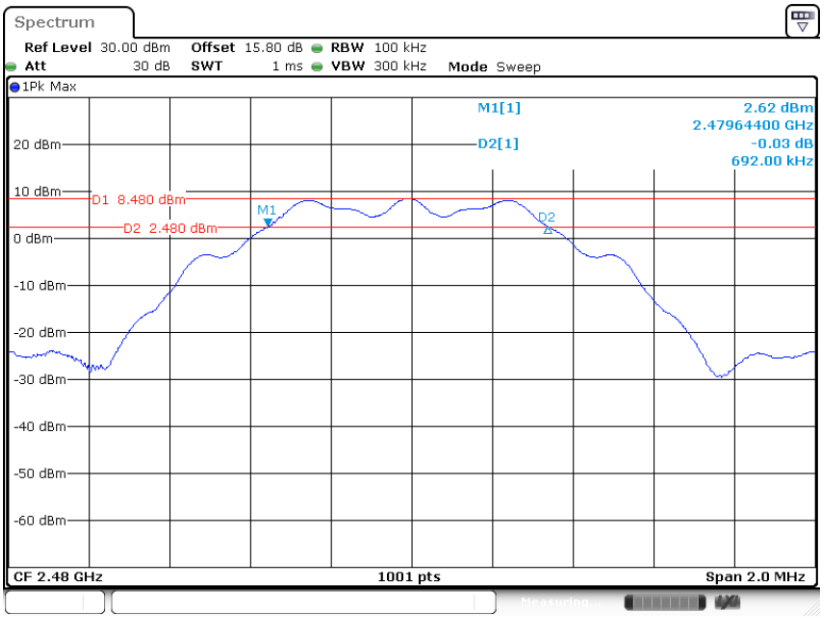
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19

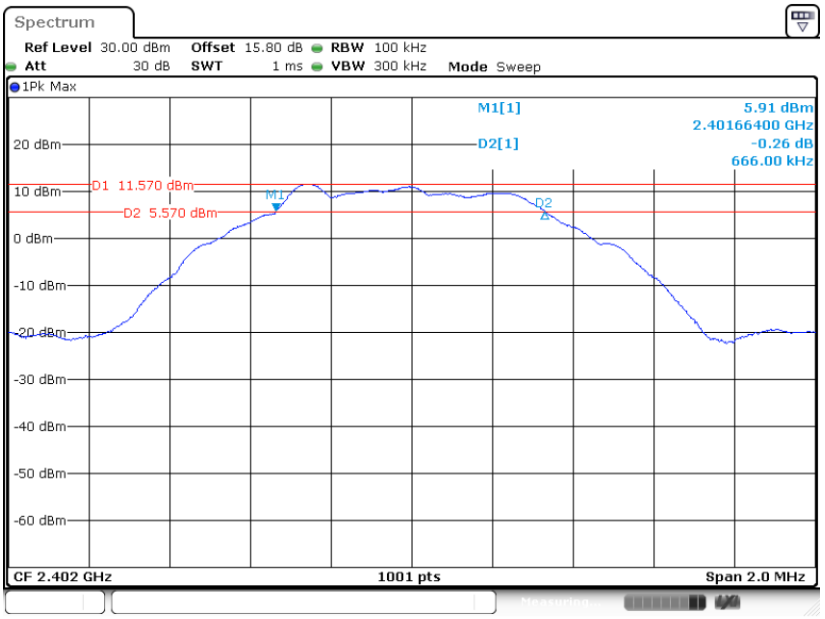


6 dB Bandwidth Plot on Channel 39

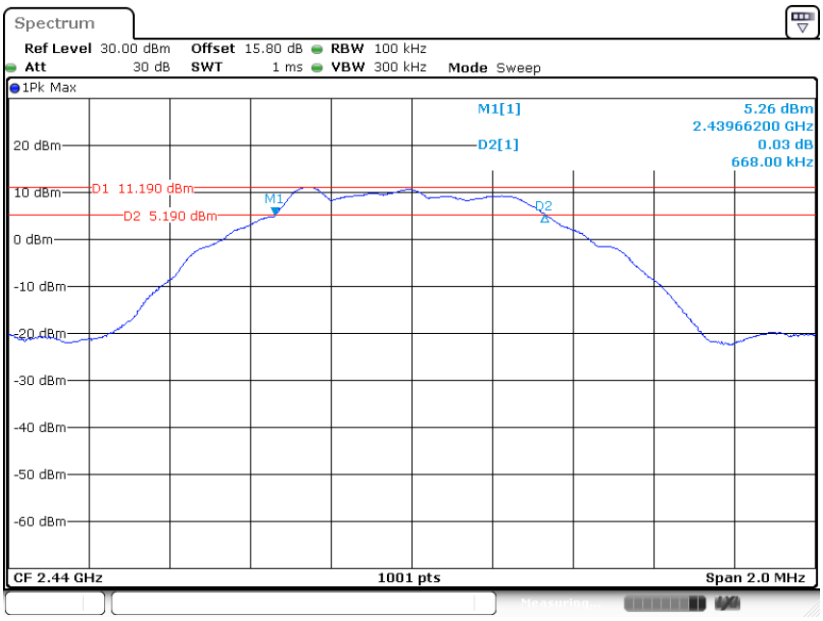


Bluetooth LE 500Kbps (Ant.2):

6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



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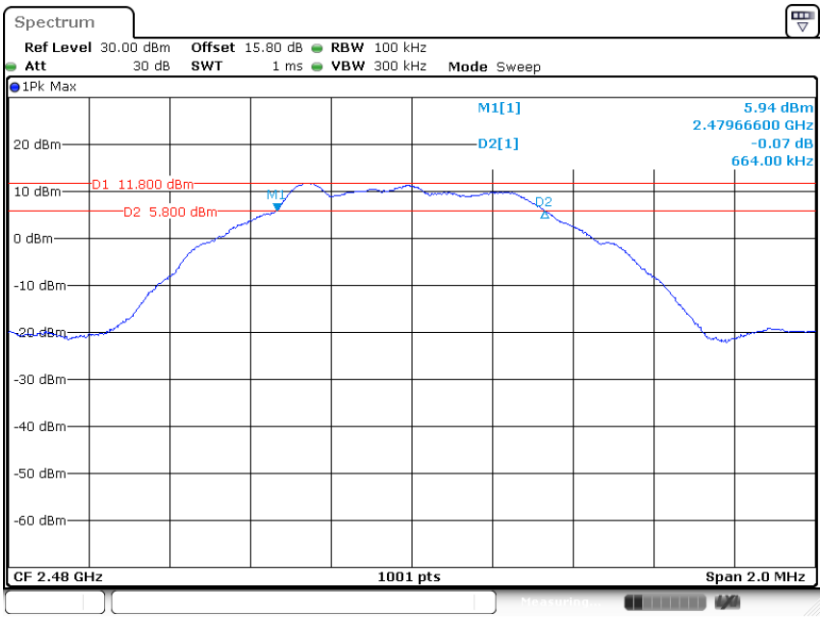
6 dB Bandwidth Plot on Channel 39



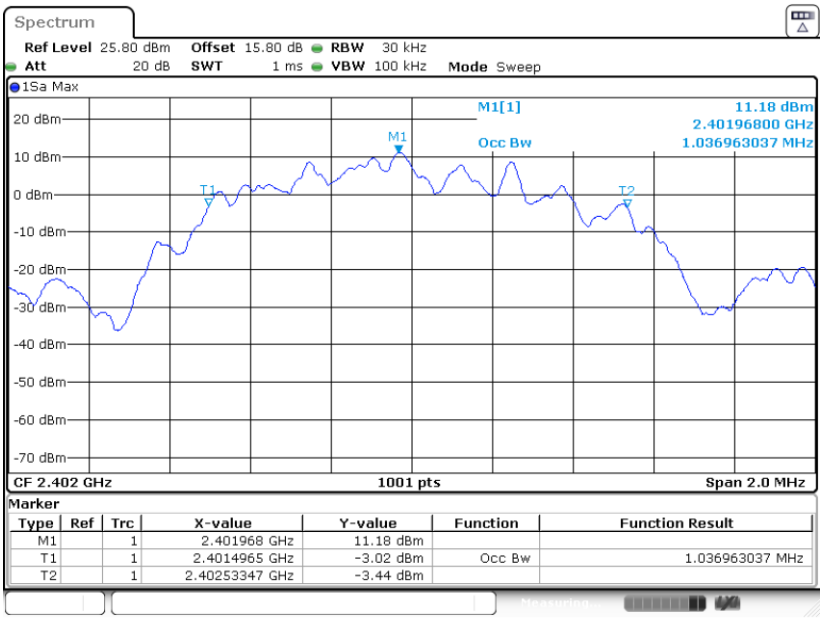
Date: 4.JUN.2023 07:11:35

3.1.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

Bluetooth LE 1Mbps (Ant.1):

99% Occupied Bandwidth Plot on Channel 00



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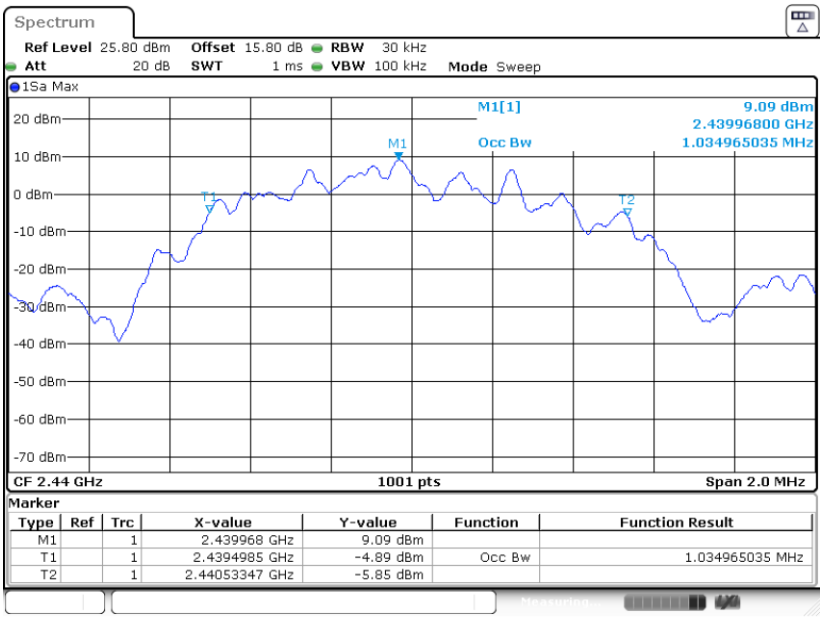
99% Occupied Bandwidth Plot on Channel 19



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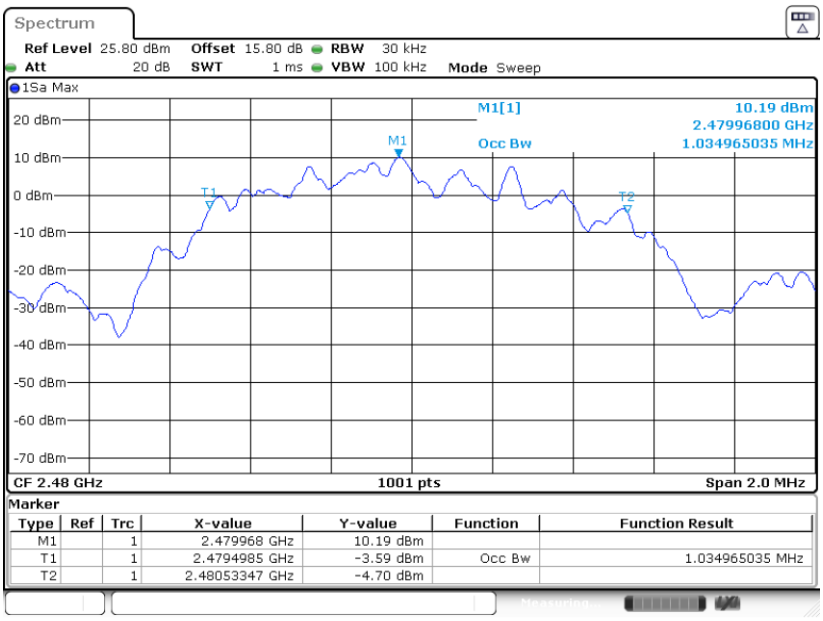
99% Occupied Bandwidth Plot on Channel 39



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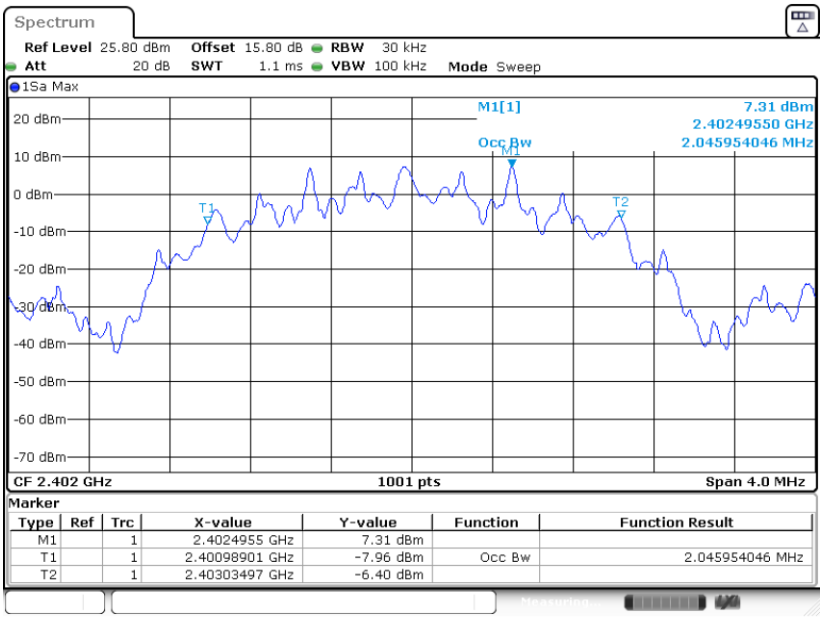
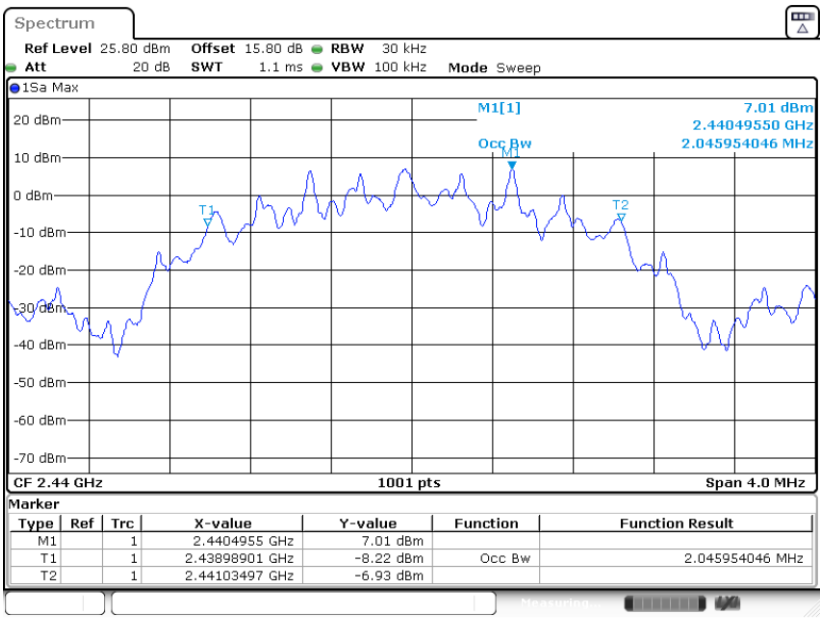
Bluetooth LE 2Mbps (Ant.1):

99% Occupied Bandwidth Plot on Channel 00



Date: 7.APR.2023 14:45:53

99% Occupied Bandwidth Plot on Channel 19



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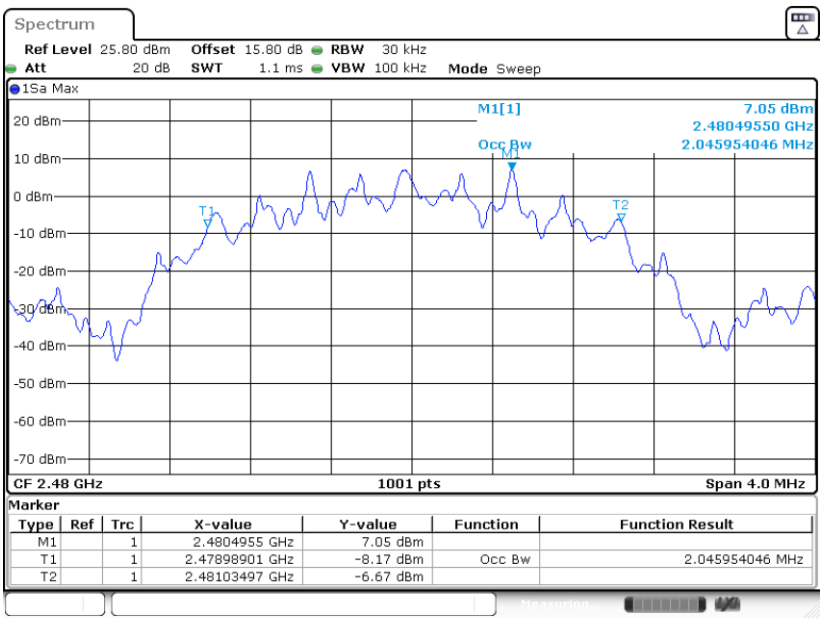
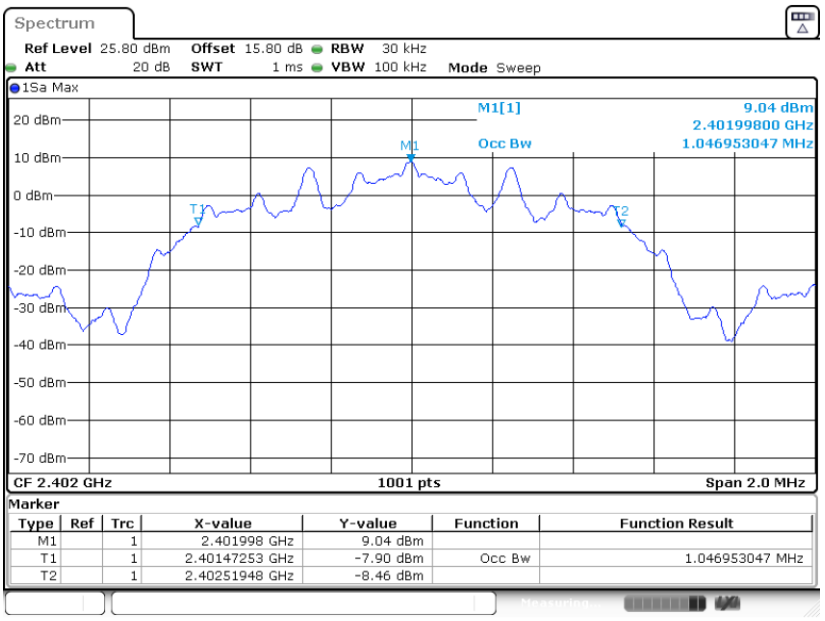
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 14:49:38

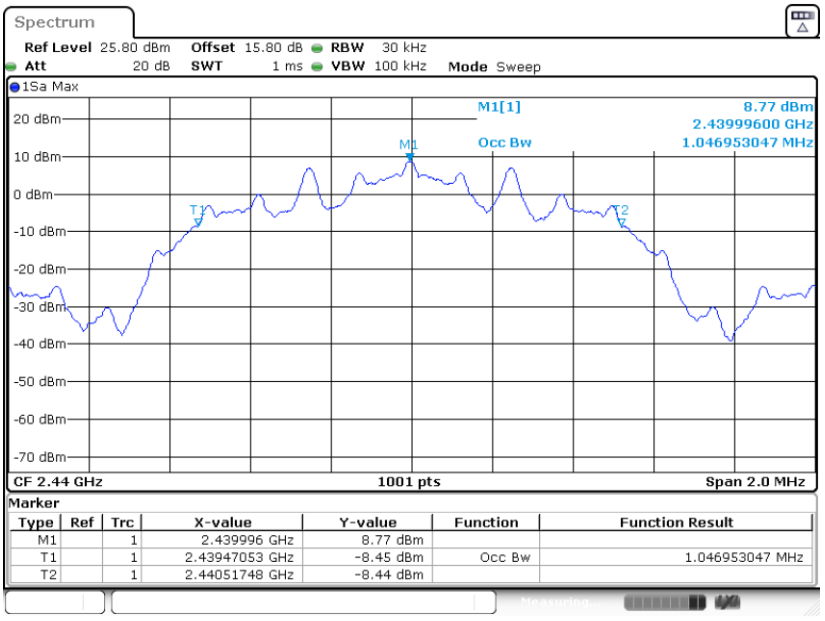
Bluetooth LE 125Kbps (Ant.1):

99% Occupied Bandwidth Plot on Channel 00



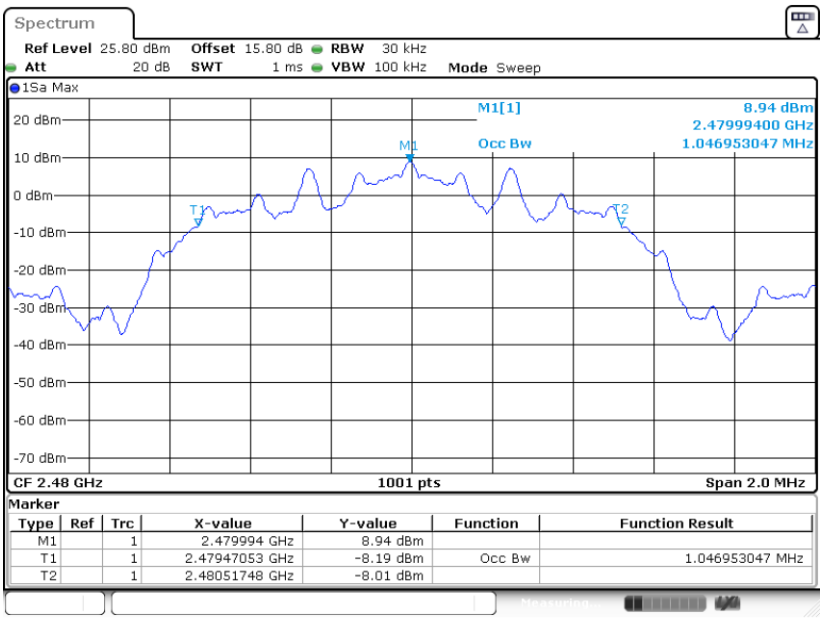
Date: 7.APR.2023 14:52:18

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 14:54:38

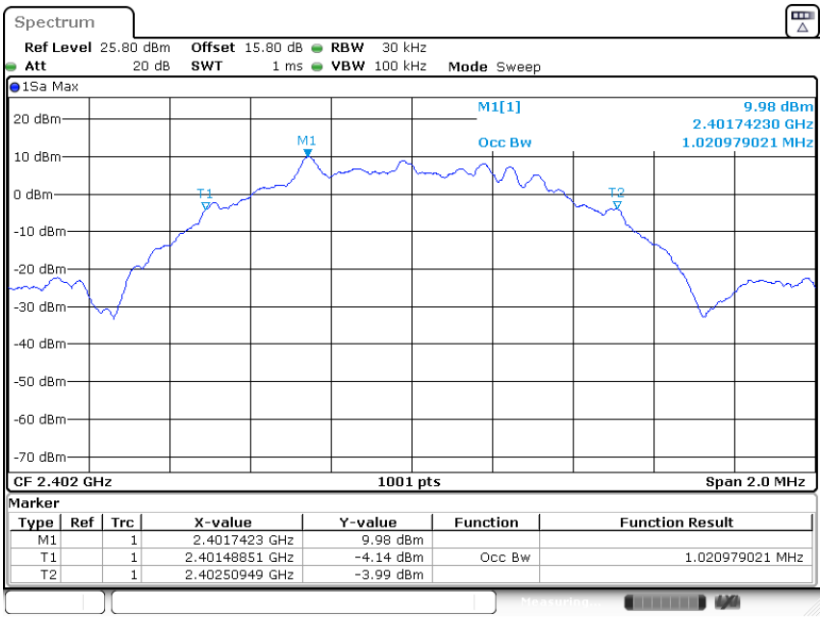
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 14:56:32

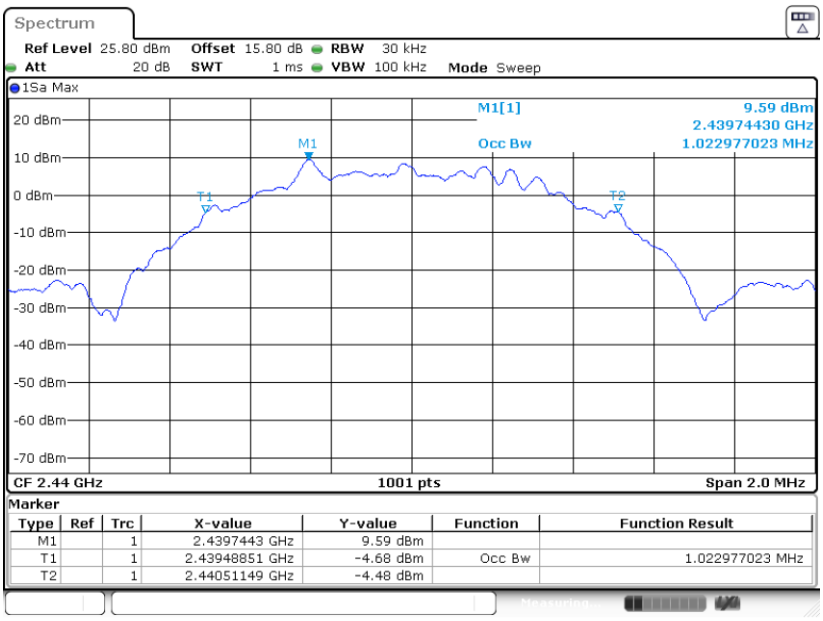
Bluetooth LE 500Kbps (Ant.1):

99% Occupied Bandwidth Plot on Channel 00



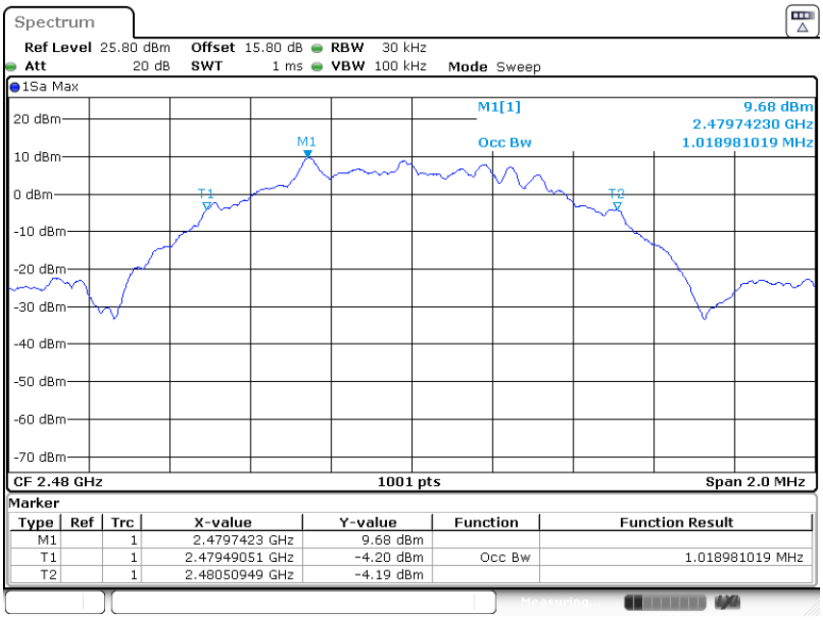
Date: 7.APR.2023 15:02:59

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 15:07:15

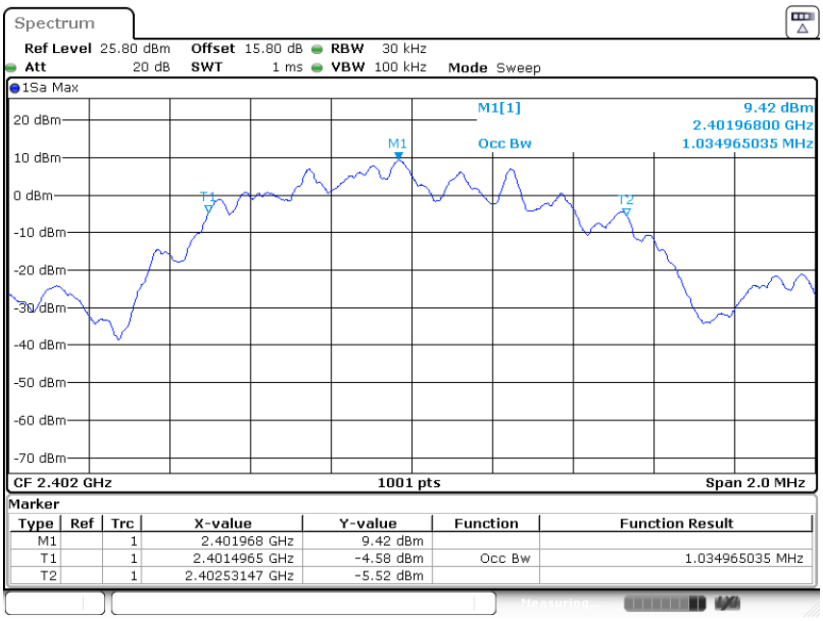
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 15:08:55

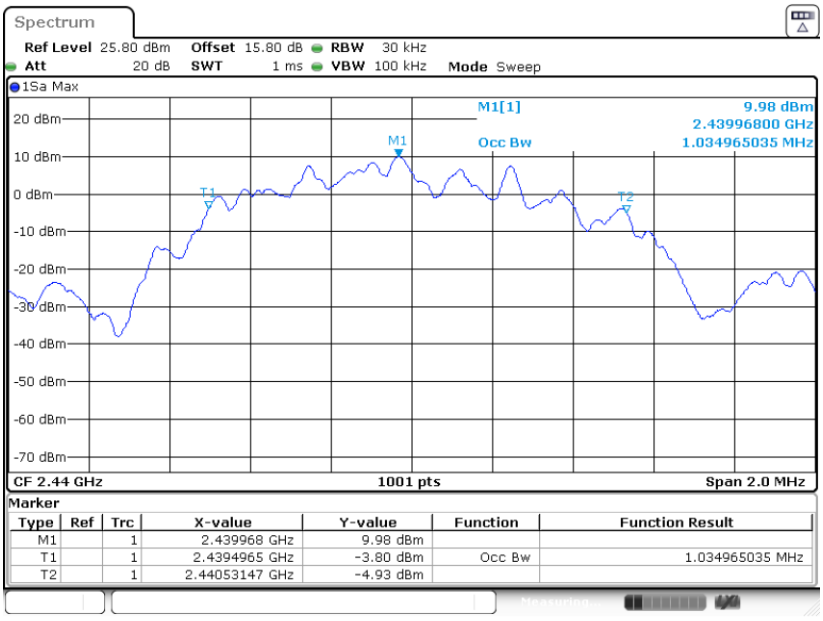
Bluetooth LE 1Mbps (Ant.2):

99% Occupied Bandwidth Plot on Channel 00



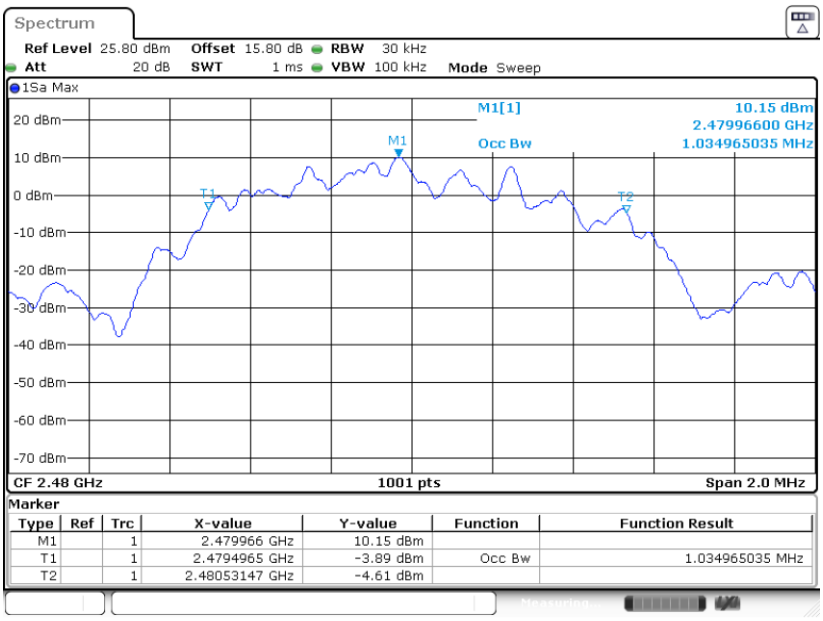
Date: 7.APR.2023 15:34:39

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 15:37:14

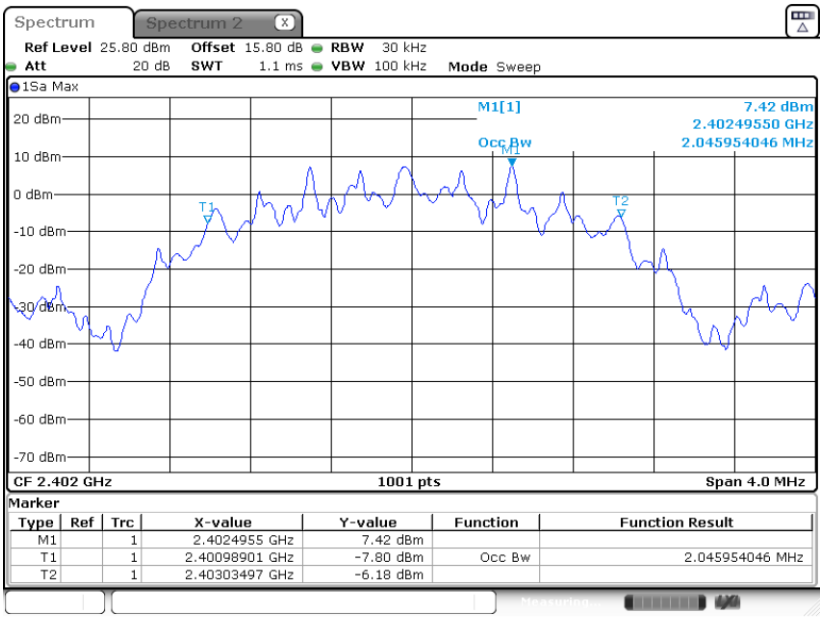
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 15:39:26

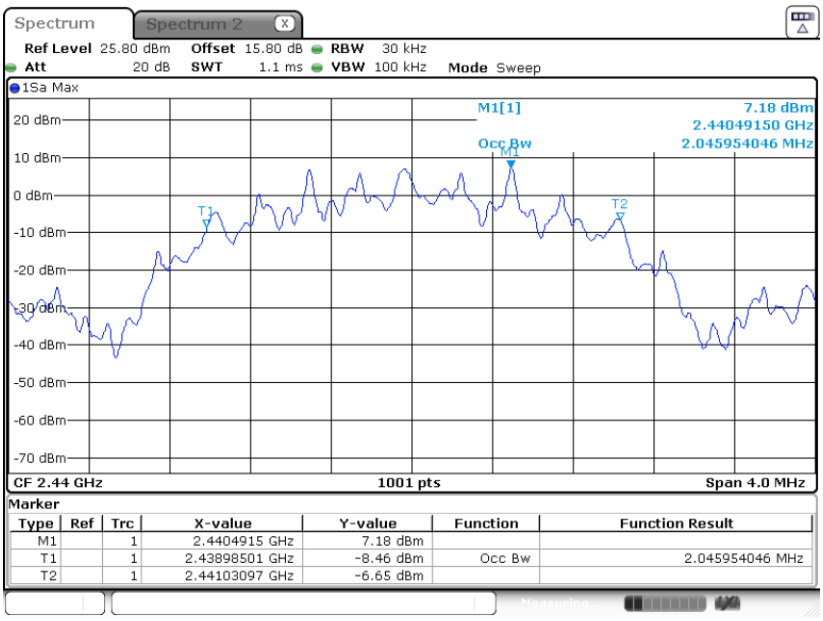
Bluetooth LE 2Mbps (Ant.2):

99% Occupied Bandwidth Plot on Channel 00



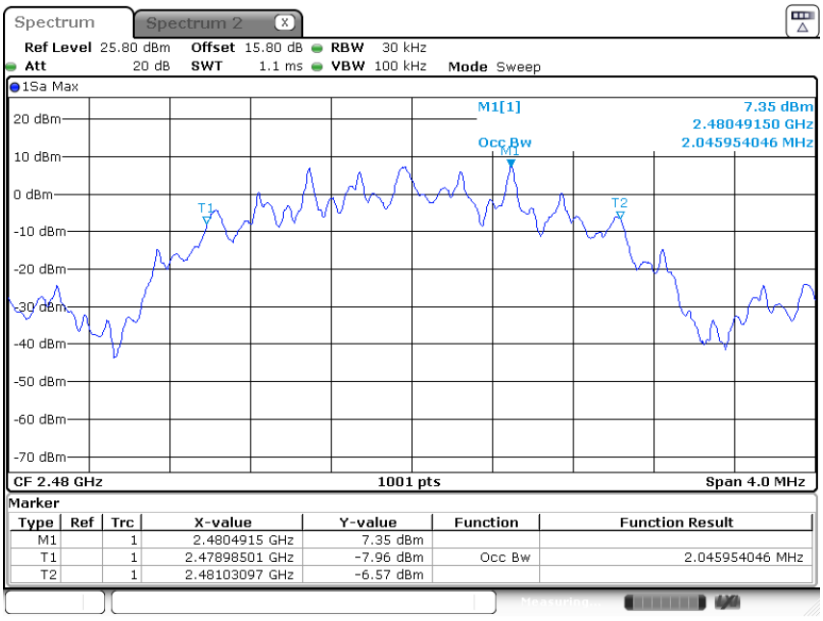
Date: 7.APR.2023 16:42:46

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 16:45:39

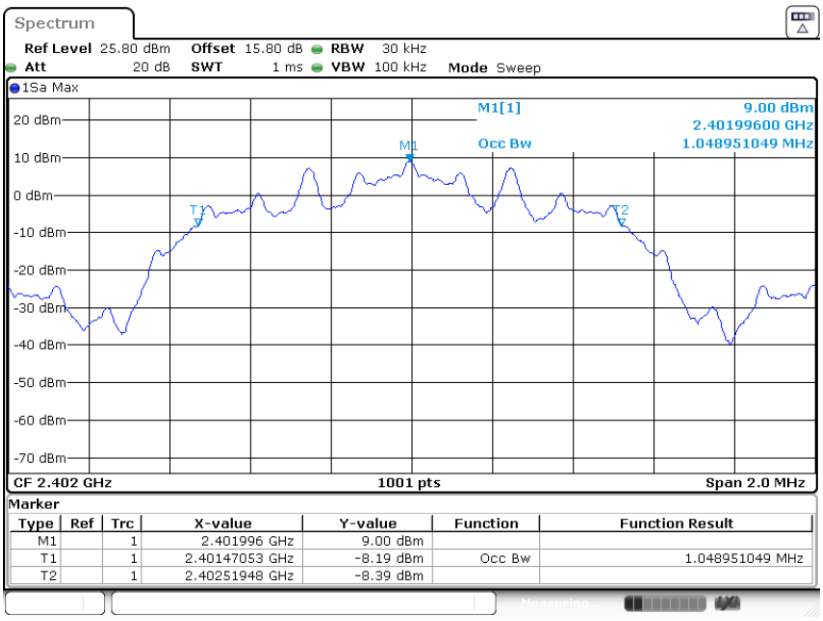
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 16:47:50

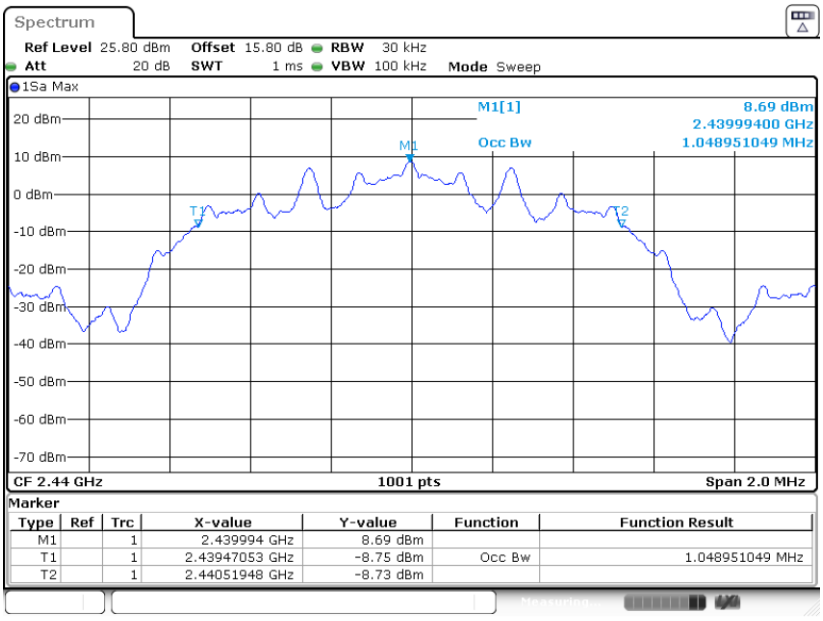
Bluetooth LE 125Kbps (Ant.2):

99% Occupied Bandwidth Plot on Channel 00



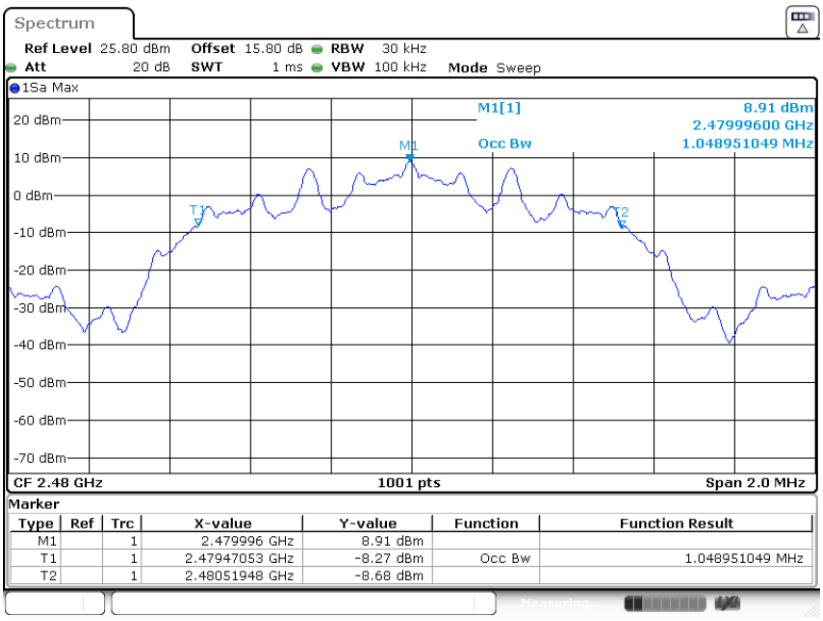
Date: 7.APR.2023 15:18:26

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 15:23:57

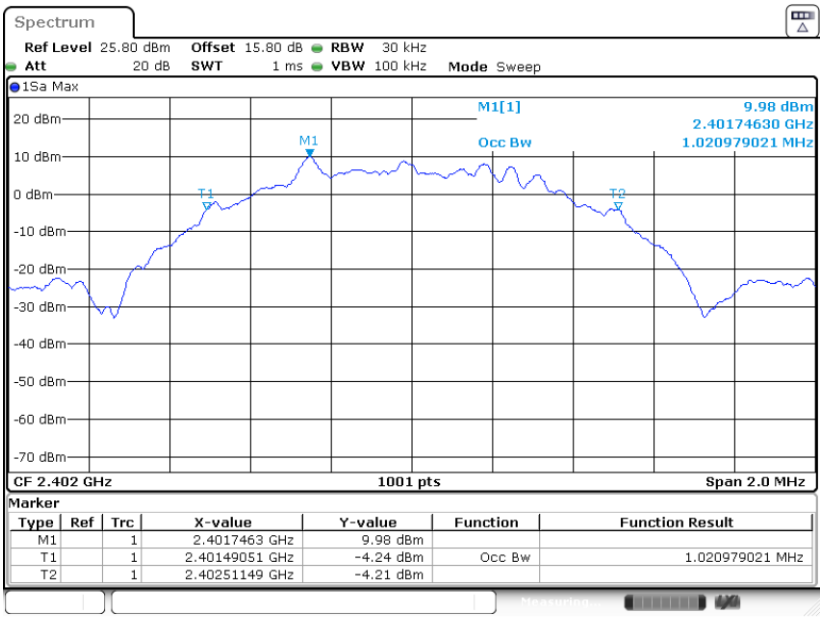
99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 15:26:05

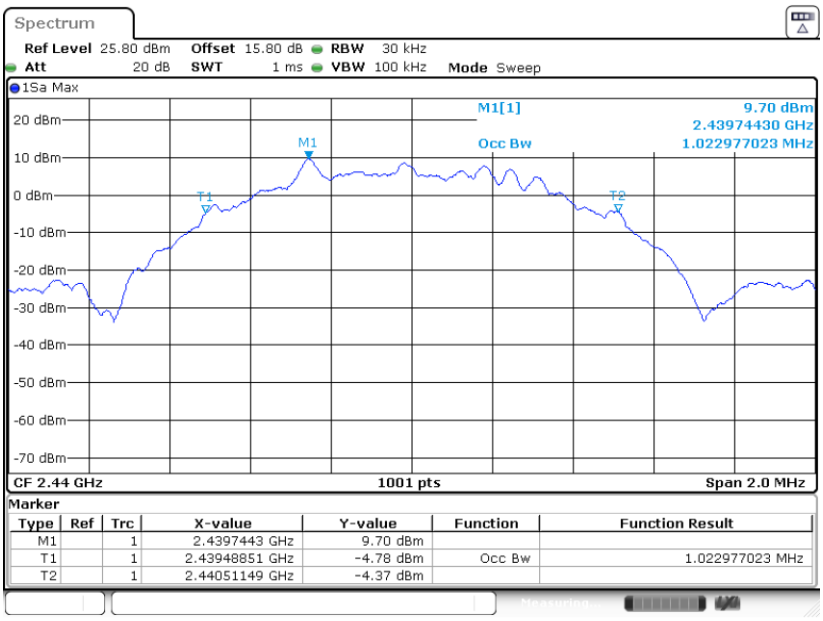
Bluetooth LE 500Kbps (Ant.2):

99% Occupied Bandwidth Plot on Channel 00



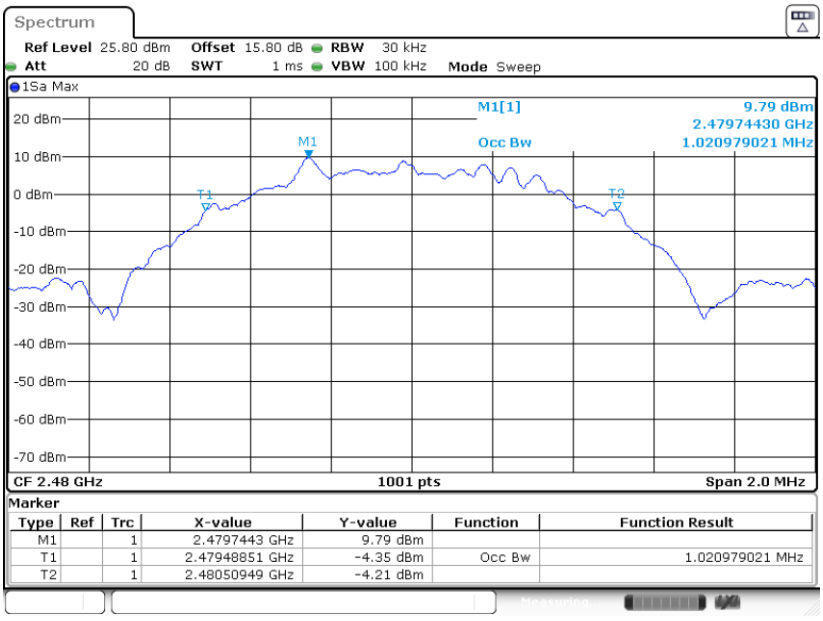
Date: 7.APR.2023 15:12:07

99% Occupied Bandwidth Plot on Channel 19



Date: 7.APR.2023 15:14:05

99% Occupied Bandwidth Plot on Channel 39



Date: 7.APR.2023 15:16:11

Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

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 average output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi is used, the maximum 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.

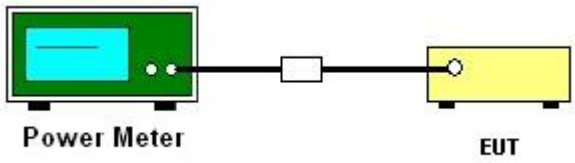
3.2.2 Measuring Instruments

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 11.9.2.3.1 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 Average Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

The average 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.

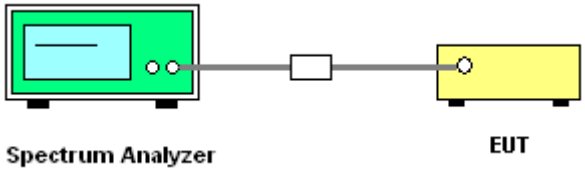
3.3.3 Test Procedures for 100KHz Peak PSD (reference level)

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.

3.3.4 Test Procedures for 3KHz Average PSD

7. The testing follows Measurement Procedure of ANSI C63.10-2013 clause 11.10.5 Method AVGPSD-2.
8. 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.
9. Set to the maximum power setting and enable the EUT transmit continuously.
10. 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 the OBW.
11. Detector = RMS, Sweep time = auto couple, Employ trace averaging (rms) mode over a minimum of 100 traces, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
12. Add [10 log (1 / D)], where D is the duty cycle, to the measured PSD to compute the average PSD during the actual transmission time.

3.3.5 Test Setup



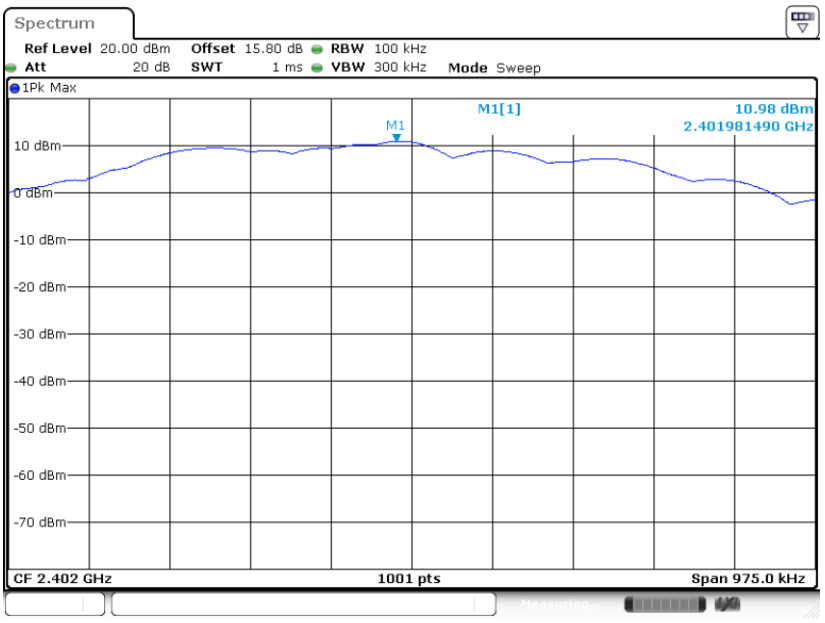
3.3.6 Test Result of Power Spectral Density

Please refer to Appendix A.

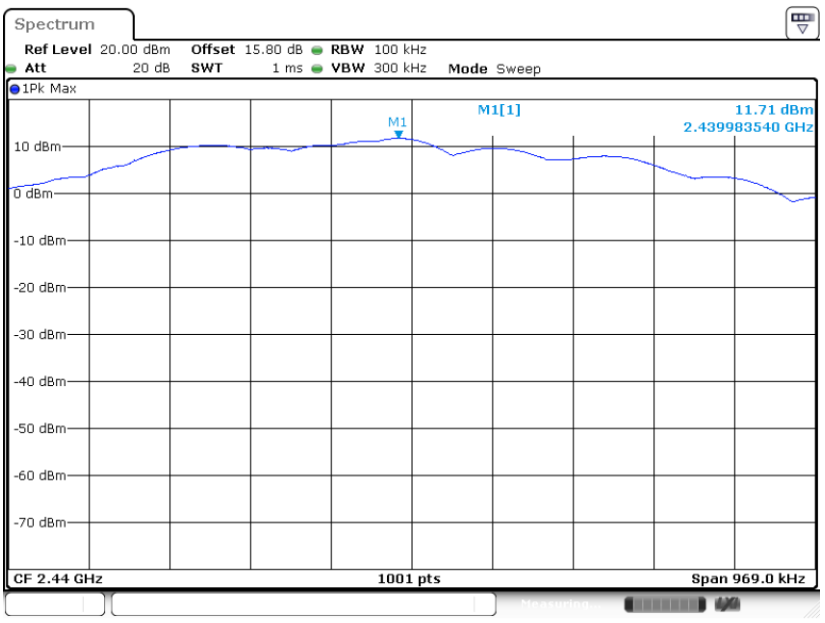
3.3.7 Test Result of Power Spectral Density Plots (100kHz)

Bluetooth LE 1Mbps (Ant.1):

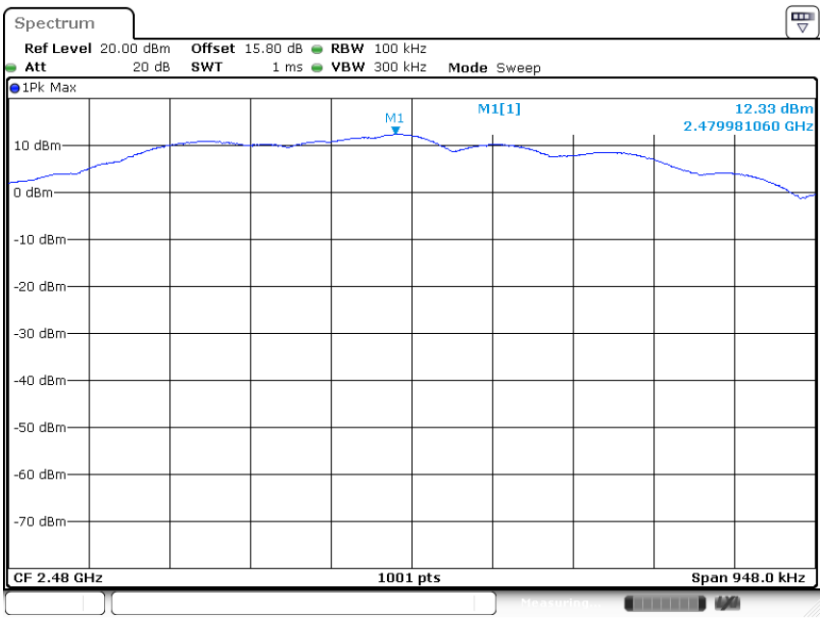
PSD 100kHz Plot on Channel 00



PSD 100kHz Plot on Channel 19

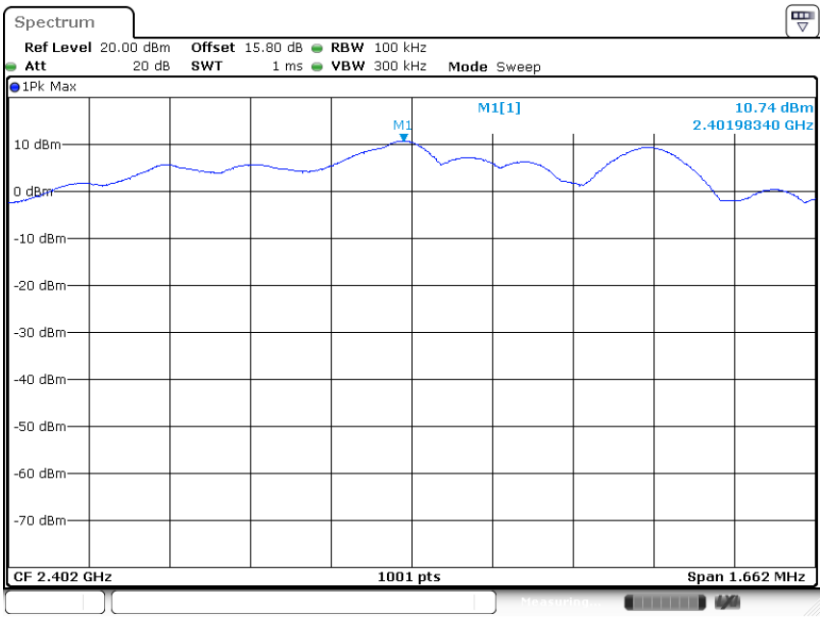


PSD 100kHz Plot on Channel 39

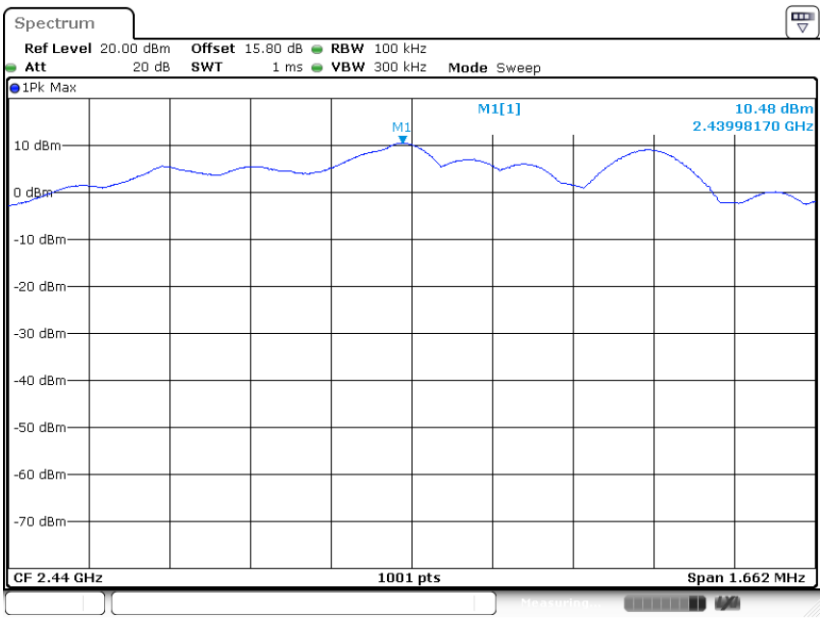


Bluetooth LE 2Mbps (Ant.1):

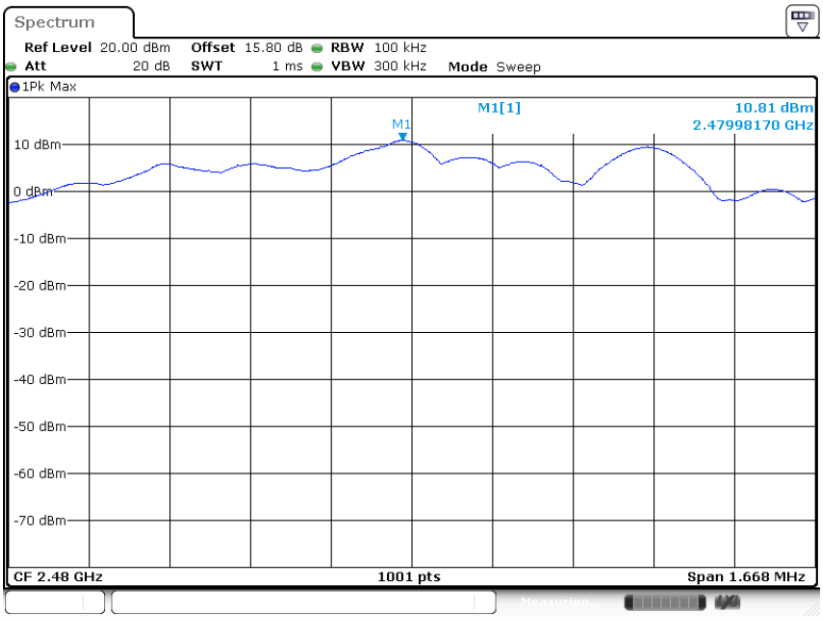
PSD 100kHz Plot on Channel 00



PSD 100kHz Plot on Channel 19

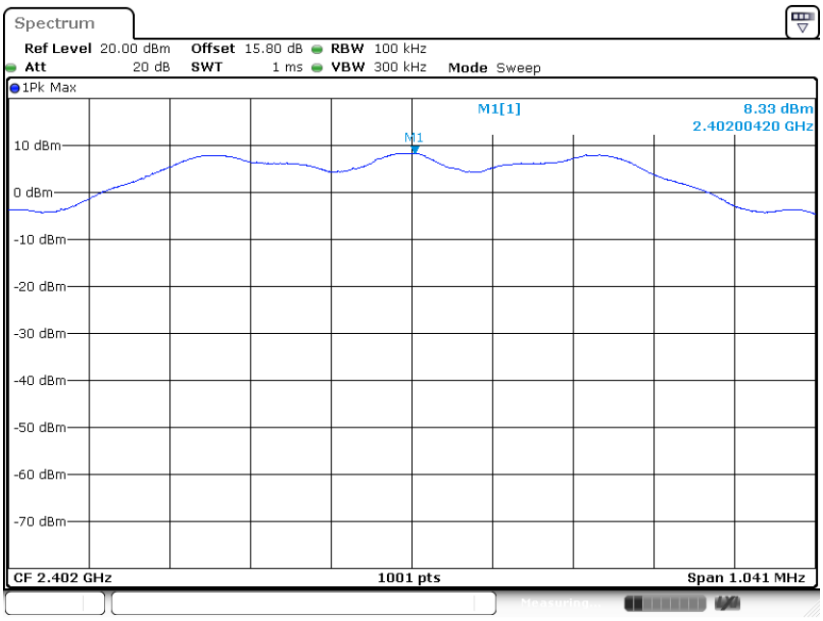


PSD 100kHz Plot on Channel 39



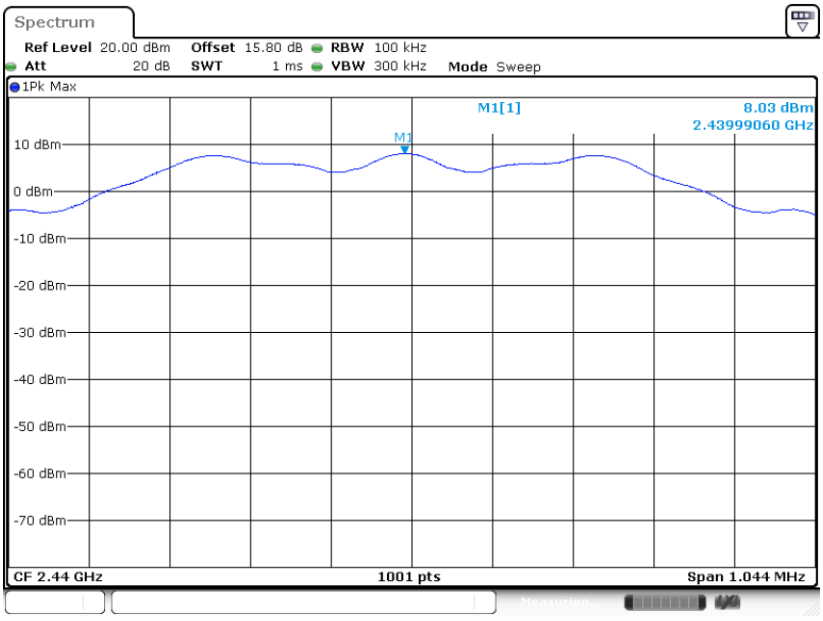
Bluetooth LE 125Kbps (Ant.1):

PSD 100kHz Plot on Channel 00



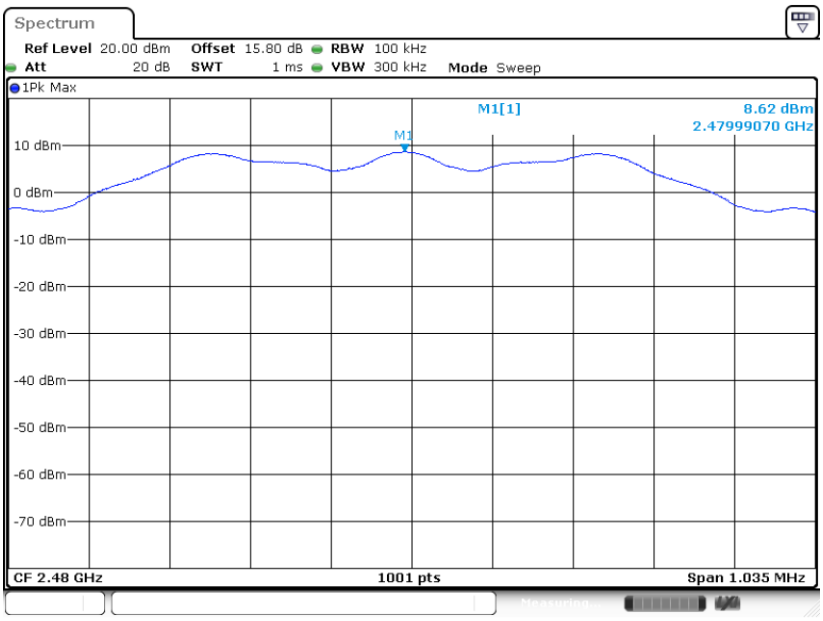
Date: 4.JUN.2023 06:40:56

PSD 100kHz Plot on Channel 19



Date: 4.JUN.2023 06:44:11

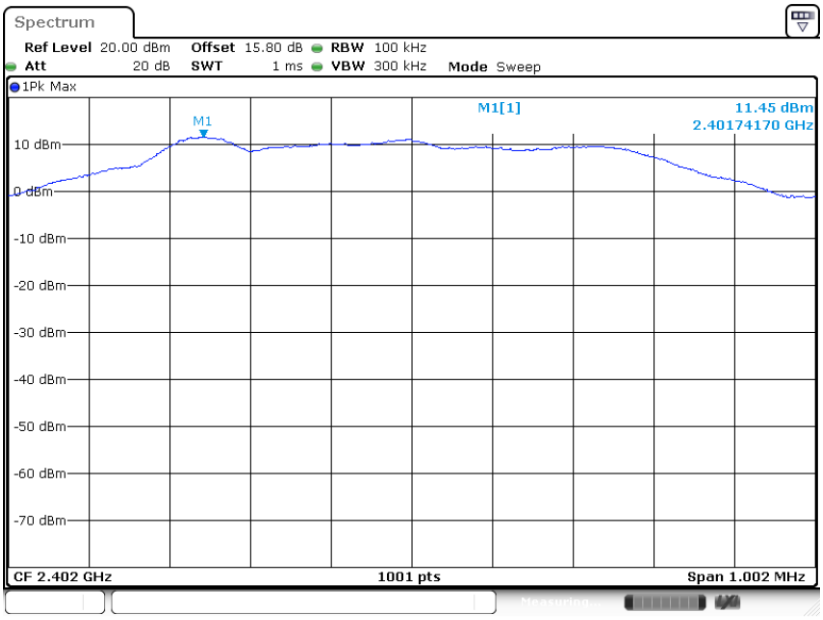
PSD 100kHz Plot on Channel 39



Date: 4.JUN.2023 06:46:20

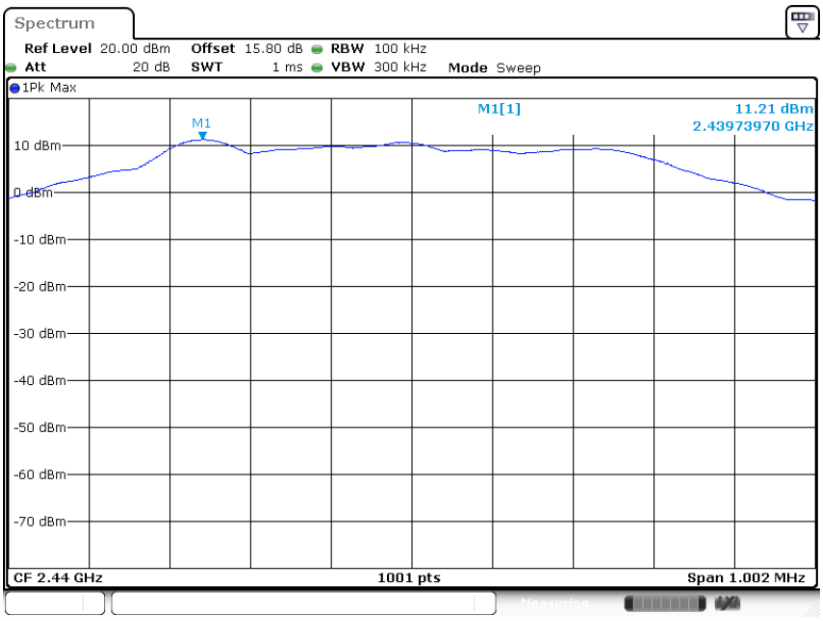
Bluetooth LE 500Kbps (Ant.1):

PSD 100kHz Plot on Channel 00

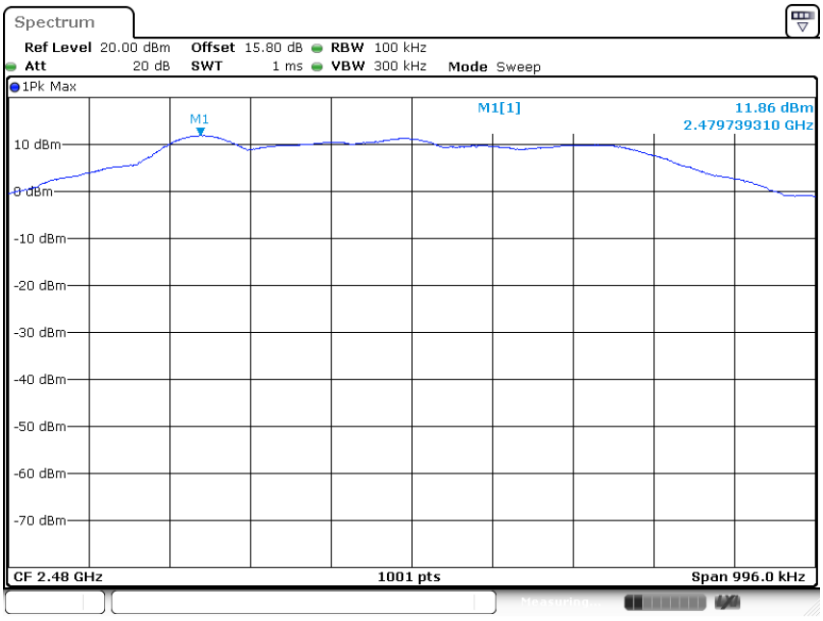


Date: 4.JUN.2023 06:51:00

PSD 100kHz Plot on Channel 19

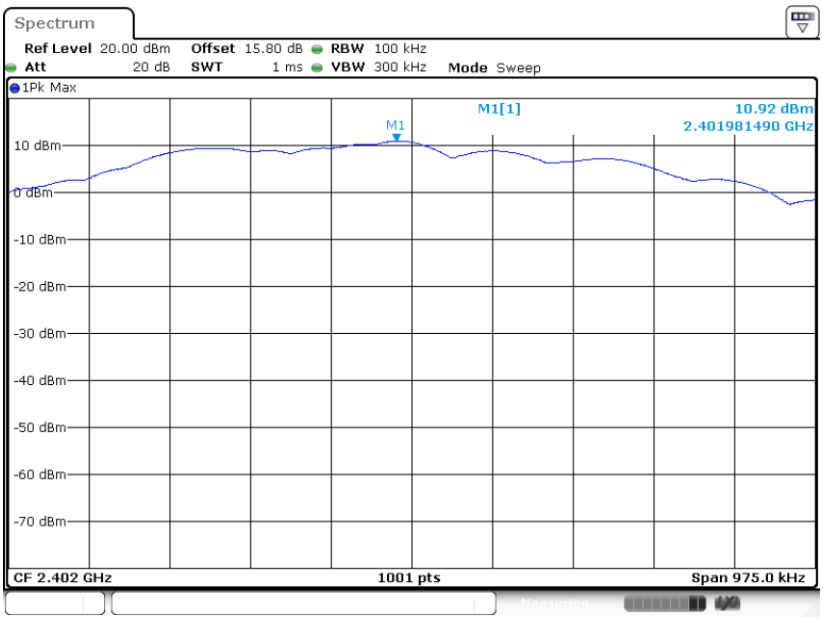


PSD 100kHz Plot on Channel 39



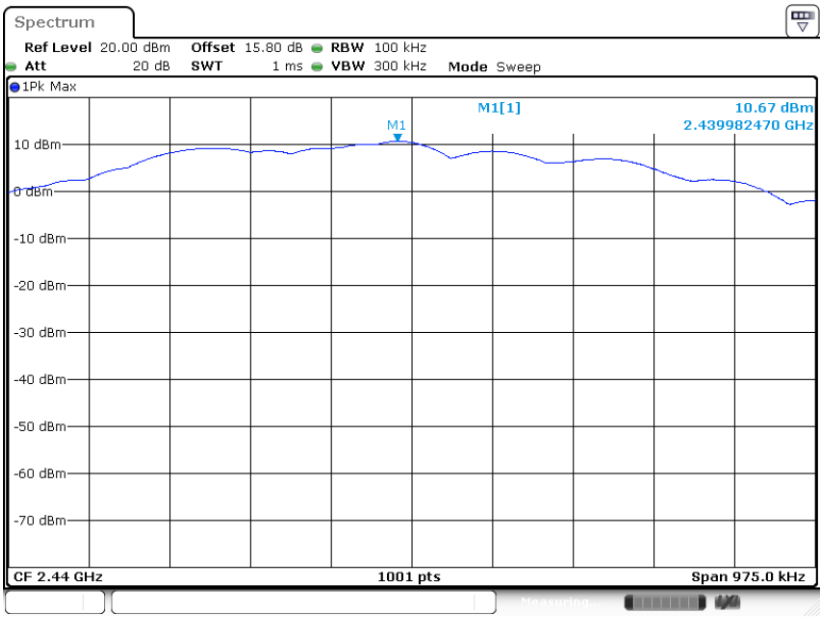
Bluetooth LE 1Mbps (Ant.2):

PSD 100kHz Plot on Channel 00



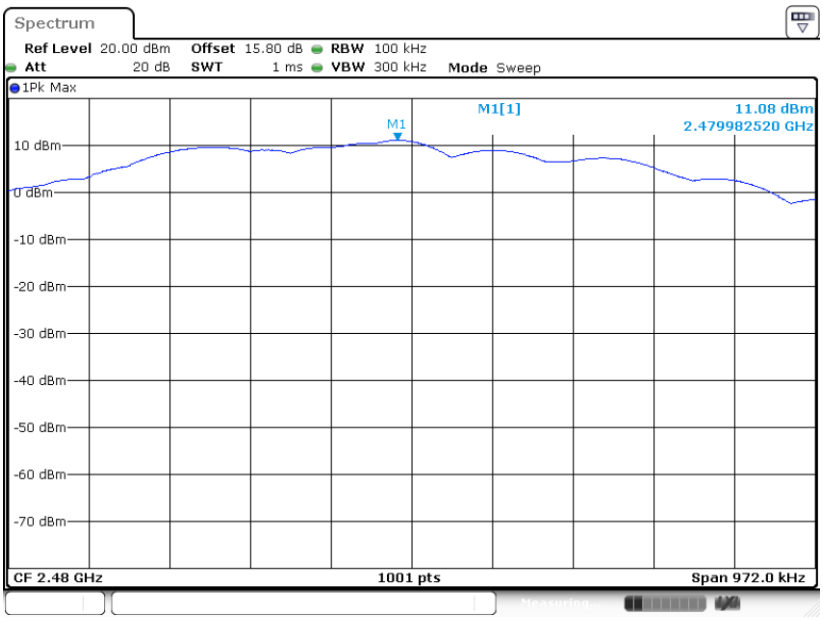
Date: 4.JUN.2023 07:34:13

PSD 100kHz Plot on Channel 19



Date: 4.JUN.2023 07:38:07

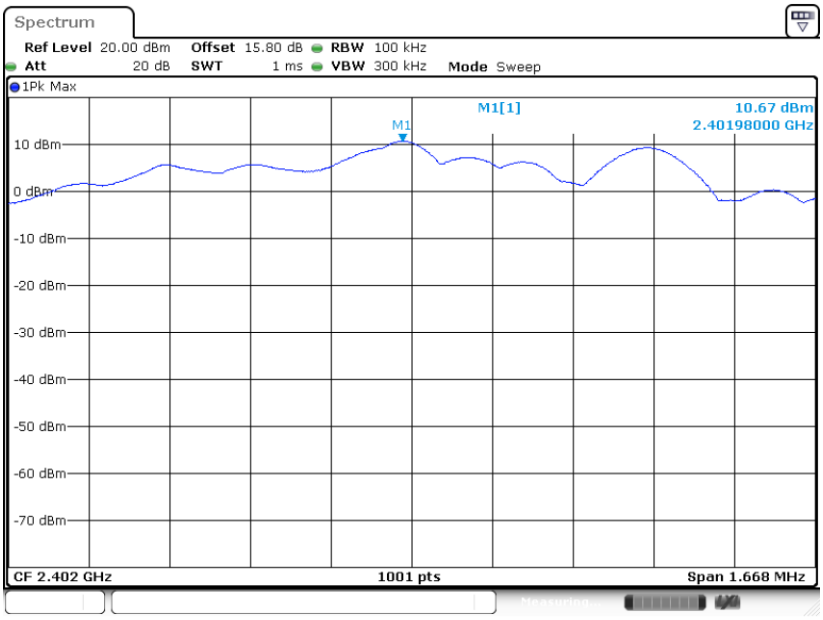
PSD 100kHz Plot on Channel 39



Date: 4.JUN.2023 07:40:31

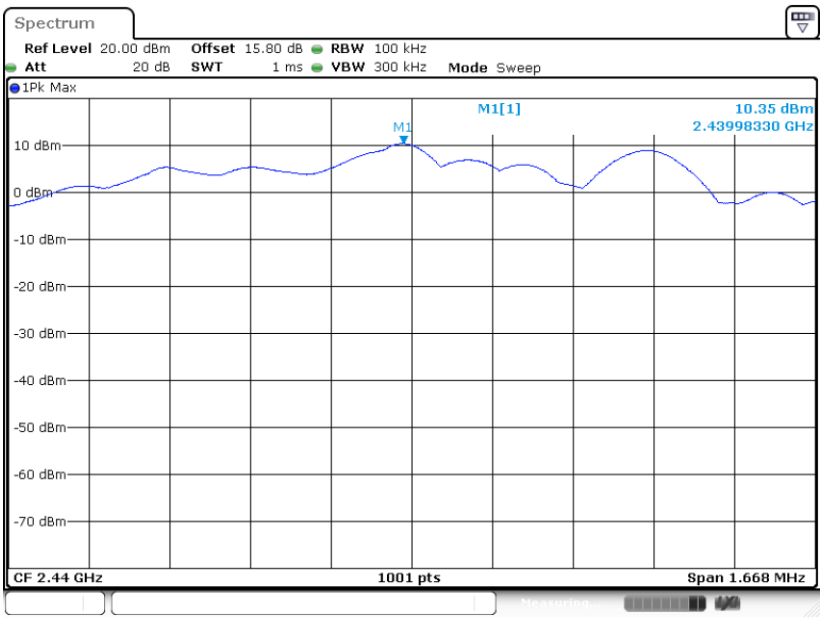
Bluetooth LE 2Mbps (Ant.2):

PSD 100kHz Plot on Channel 00

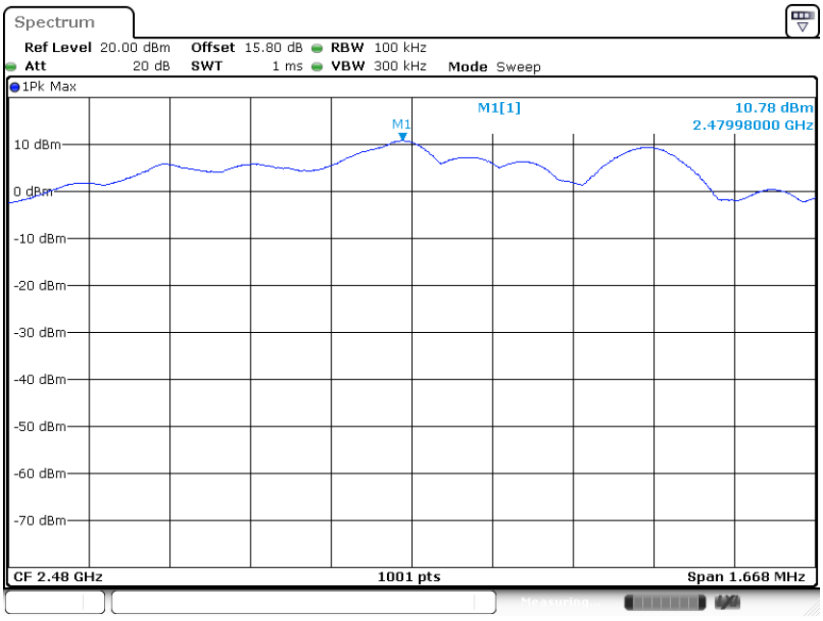


Date: 4.JUN.2023 07:24:16

PSD 100kHz Plot on Channel 19

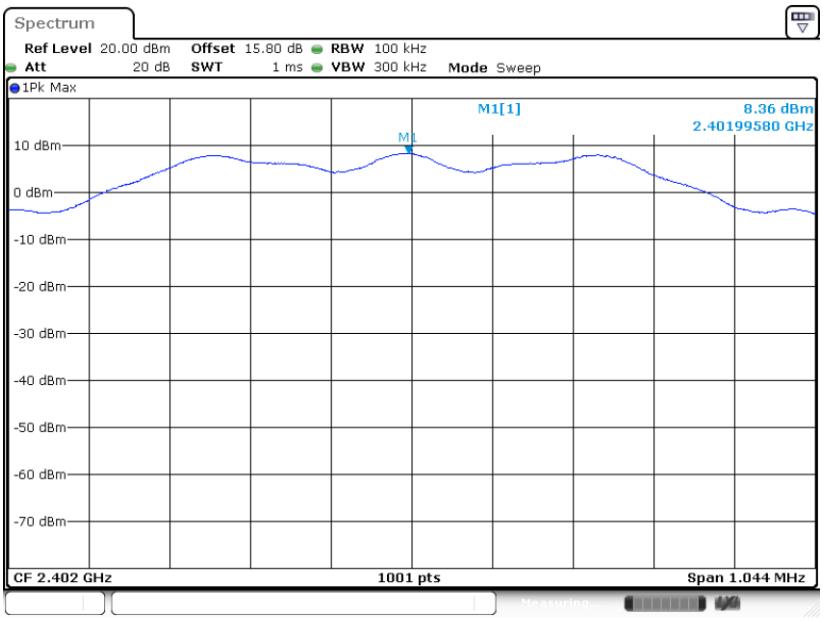


PSD 100kHz Plot on Channel 39

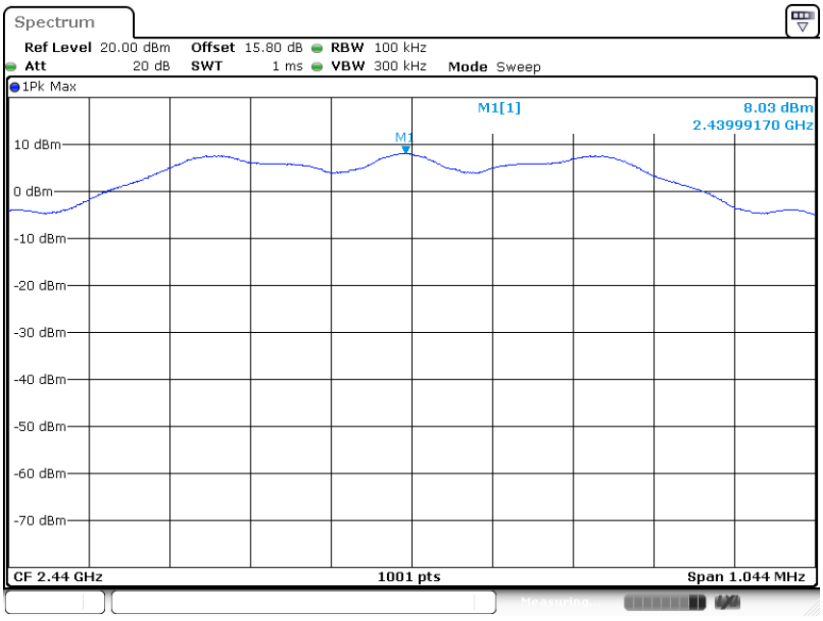


Bluetooth LE 125Kbps (Ant.2):

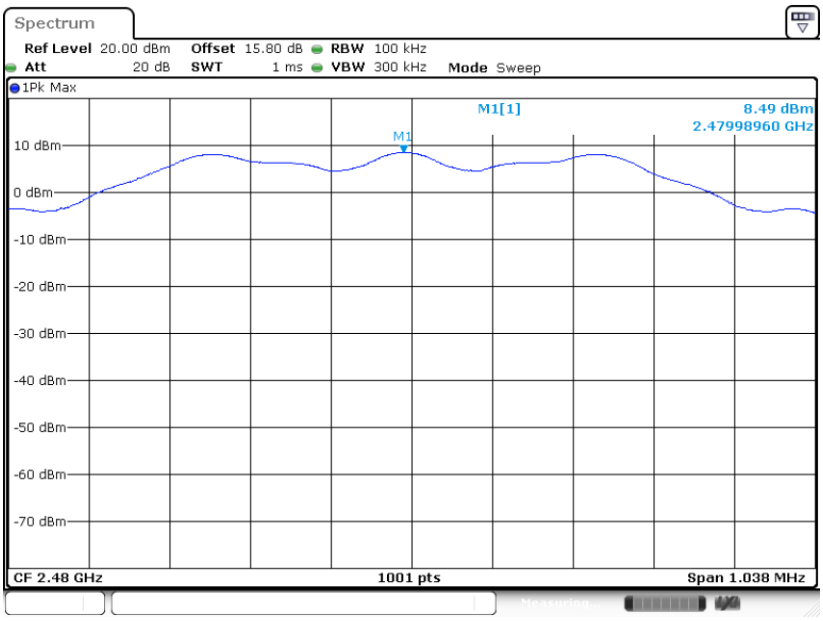
PSD 100kHz Plot on Channel 00



PSD 100kHz Plot on Channel 19



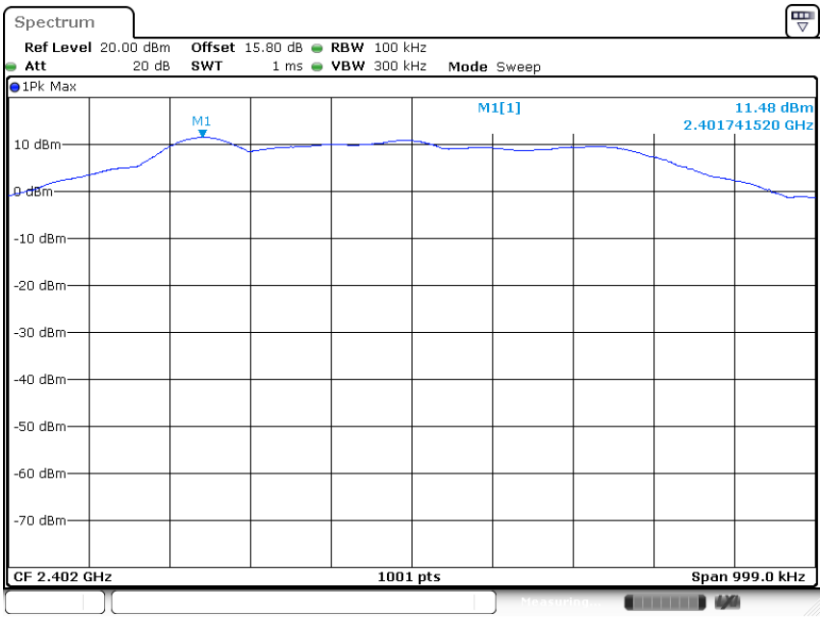
PSD 100kHz Plot on Channel 39



Date: 4.JUN.2023 07:20:17

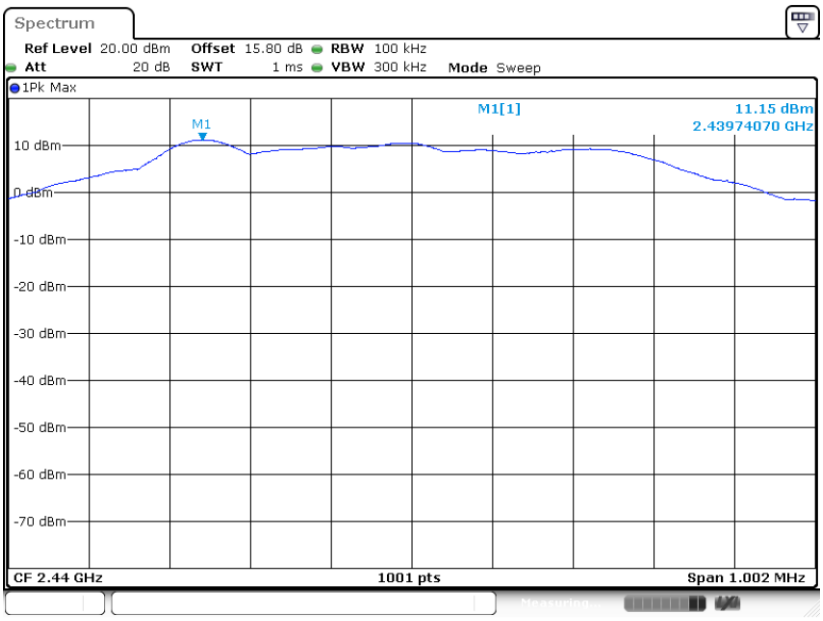
Bluetooth LE 500Kbps (Ant.2):

PSD 100kHz Plot on Channel 00

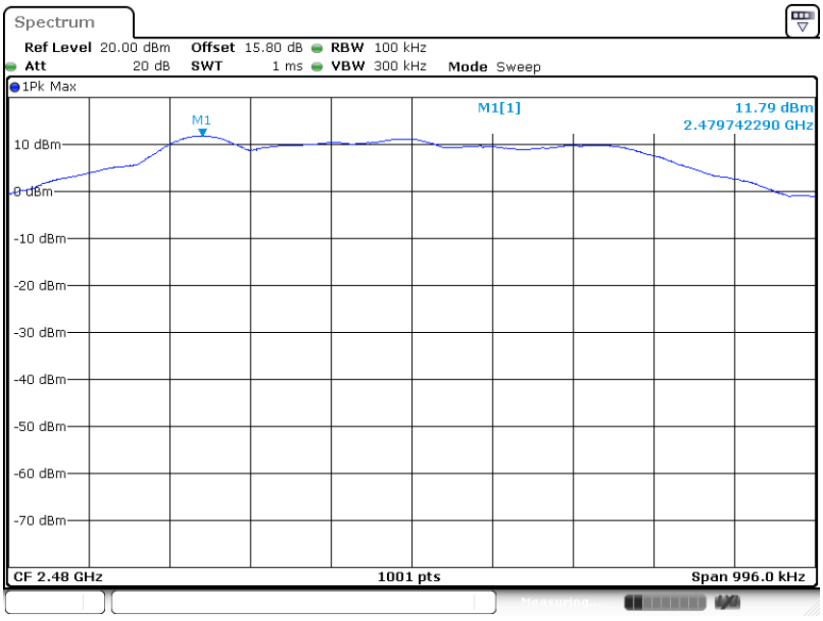


Date: 4.JUN.2023 07:06:43

PSD 100kHz Plot on Channel 19



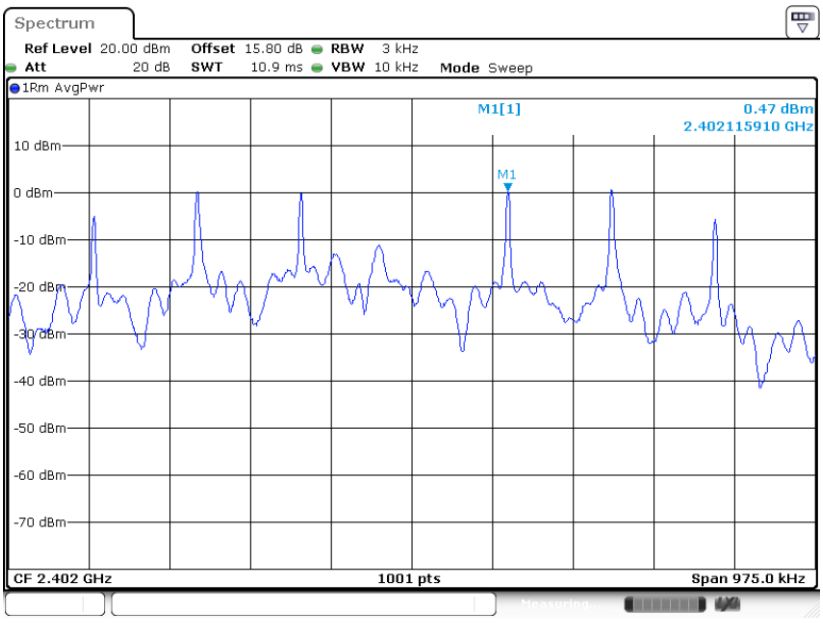
PSD 100kHz Plot on Channel 39



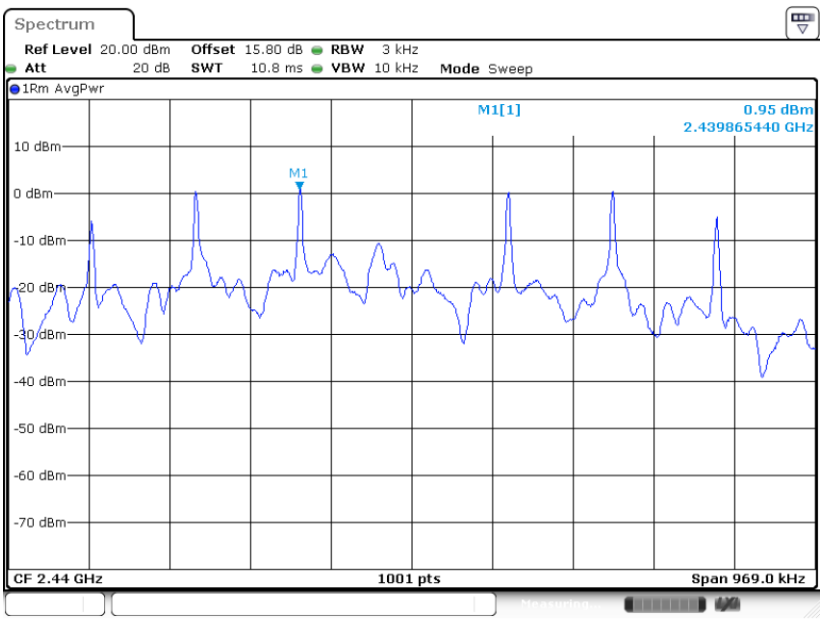
3.3.8 Test Result of Power Spectral Density Plots (3kHz)

Bluetooth LE 1Mbps (Ant.1):

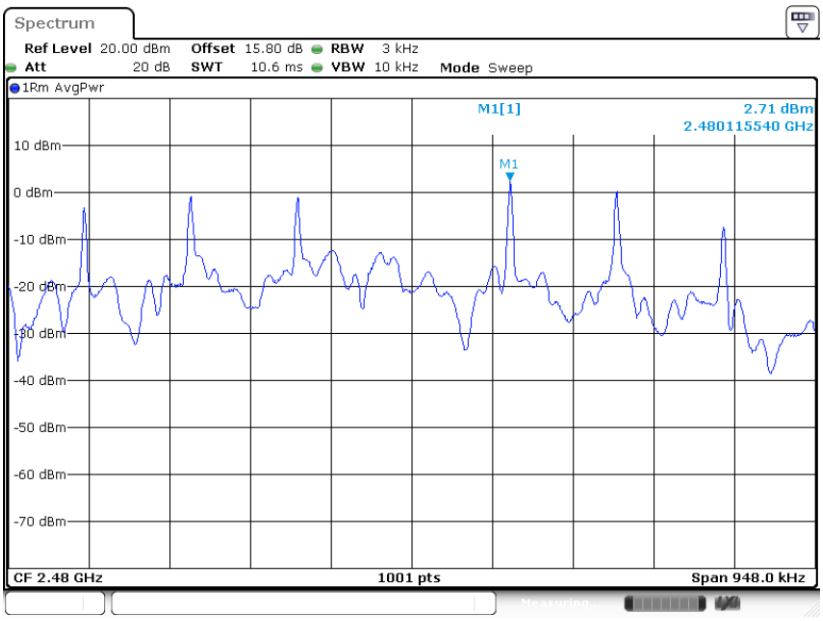
PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19

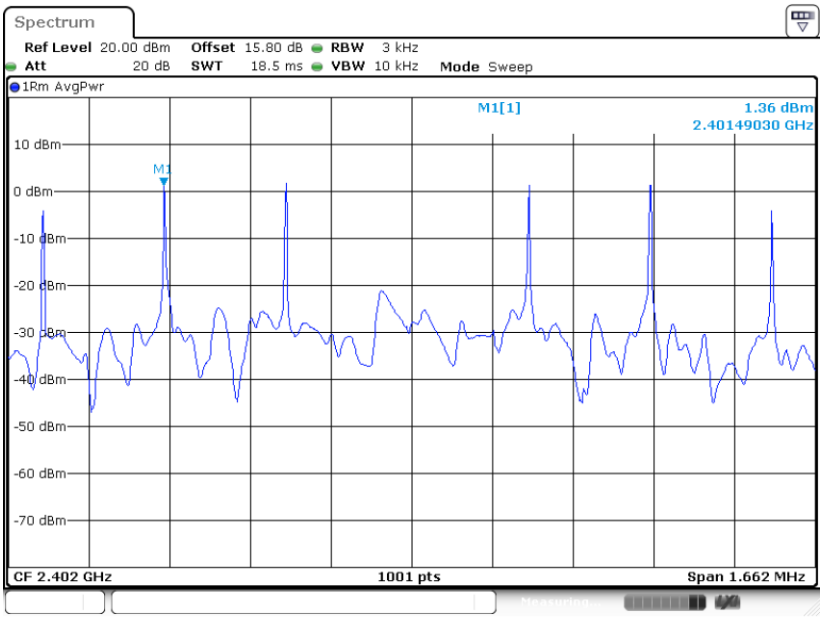


PSD 3kHz Plot on Channel 39

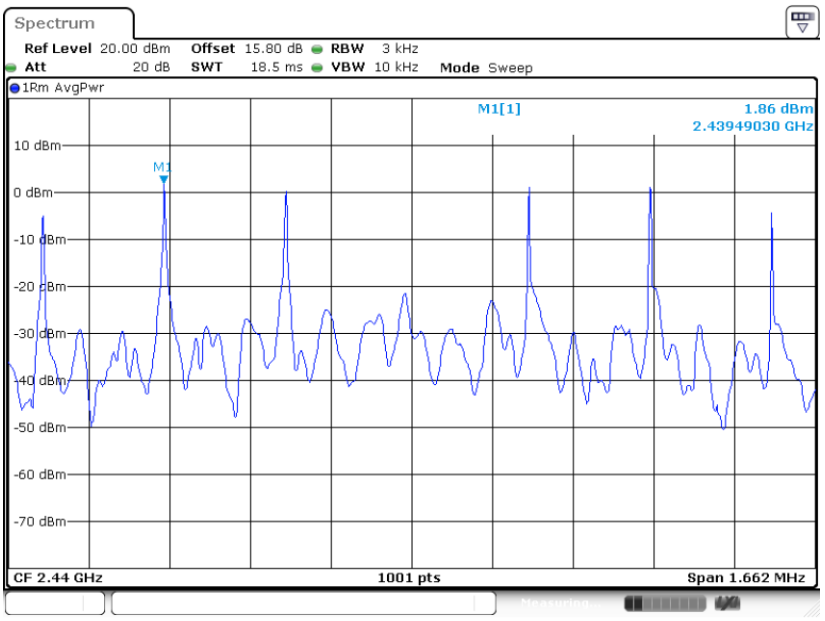


Bluetooth LE 2Mbps (Ant.1):

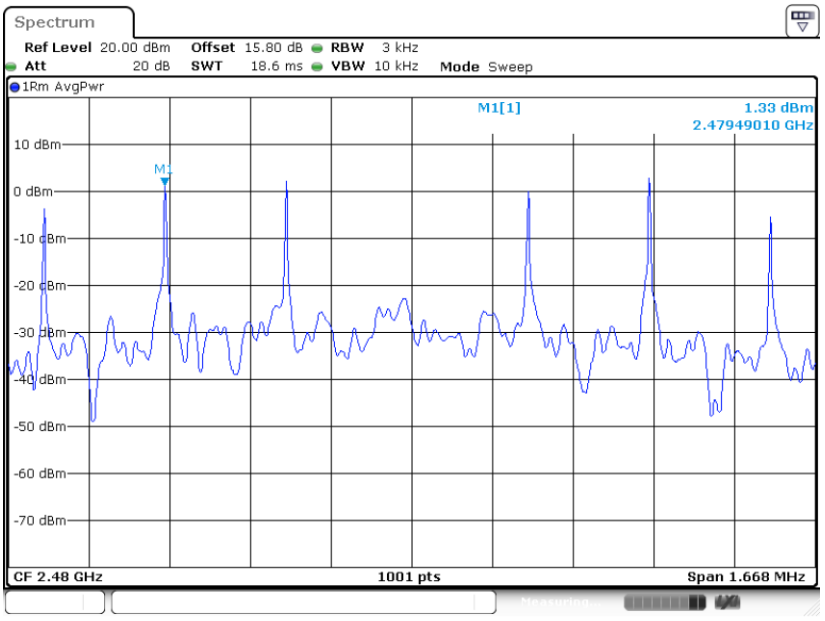
PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19

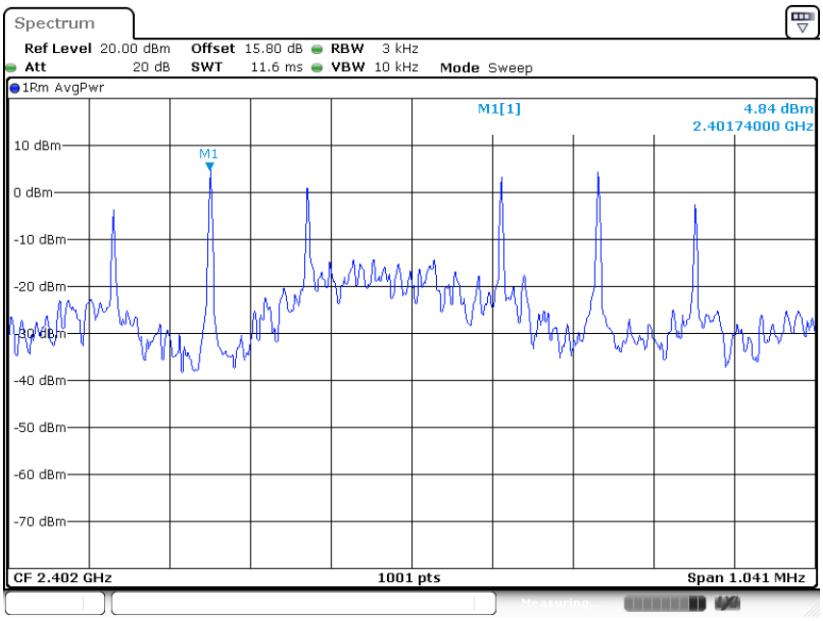


PSD 3kHz Plot on Channel 39

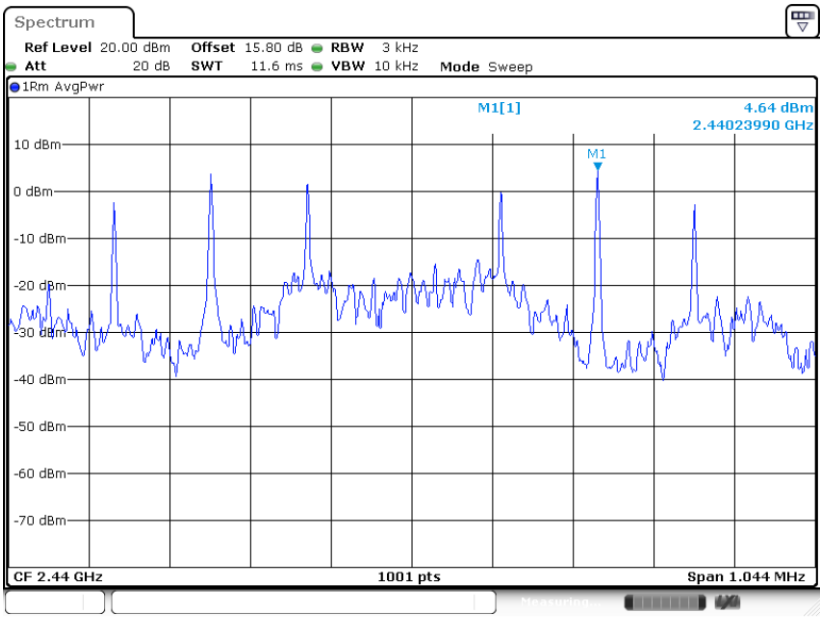


Bluetooth LE 125Kbps (Ant.1):

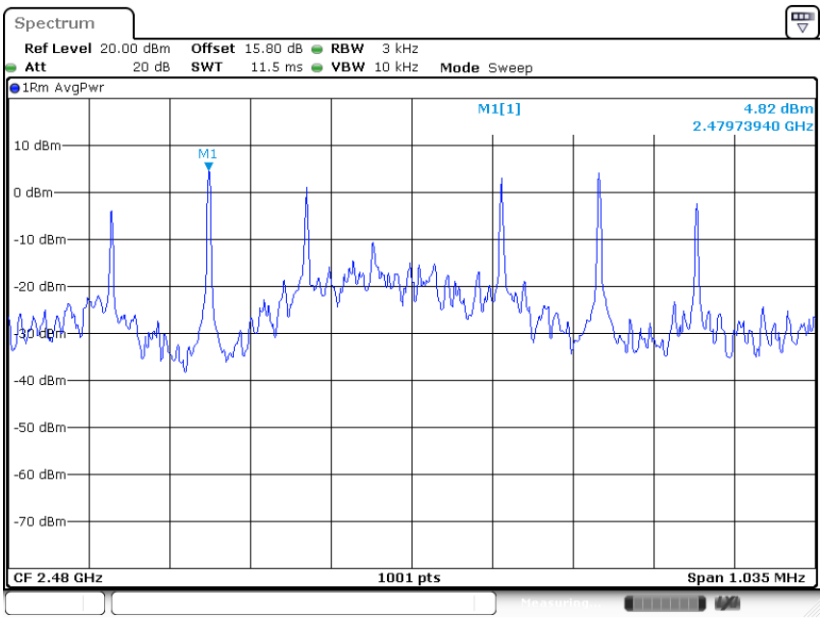
PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19



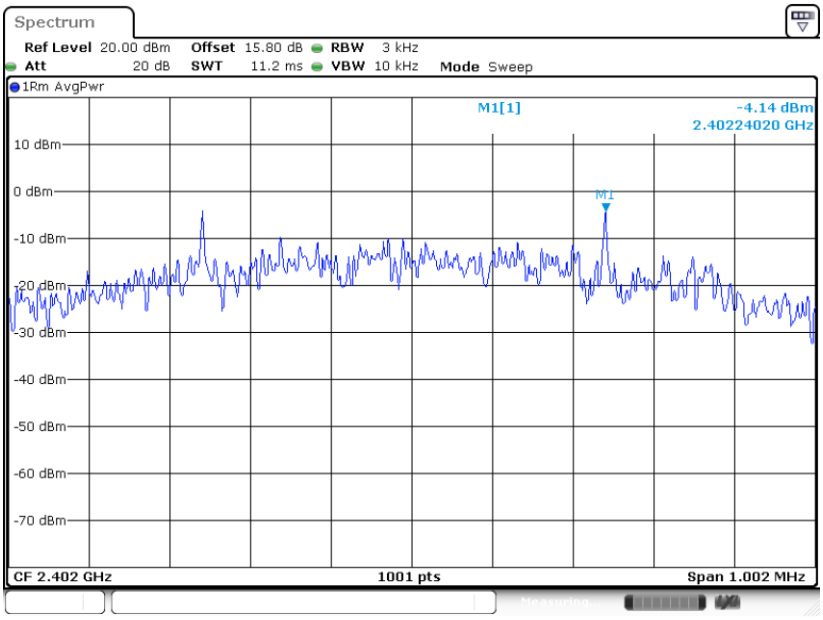
PSD 3kHz Plot on Channel 39



Date: 4.JUN.2023 06:46:01

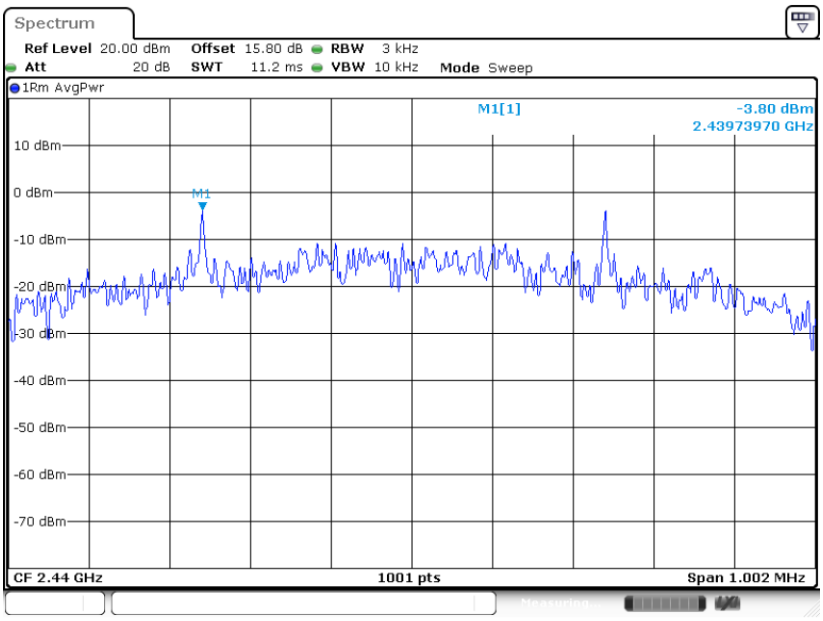
Bluetooth LE 500Kbps (Ant.1):

PSD 3kHz Plot on Channel 00

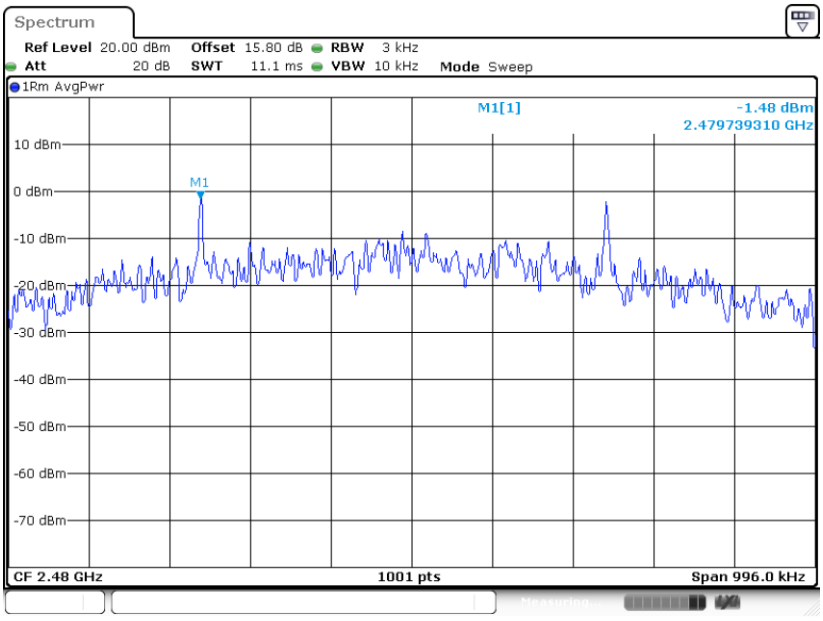


Date: 4.JUN.2023 06:50:41

PSD 3kHz Plot on Channel 19

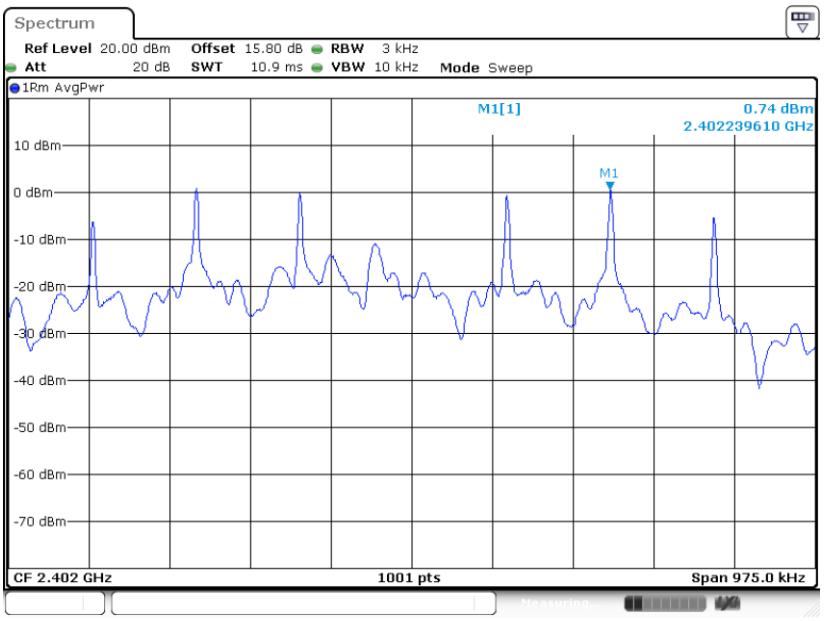


PSD 3kHz Plot on Channel 39

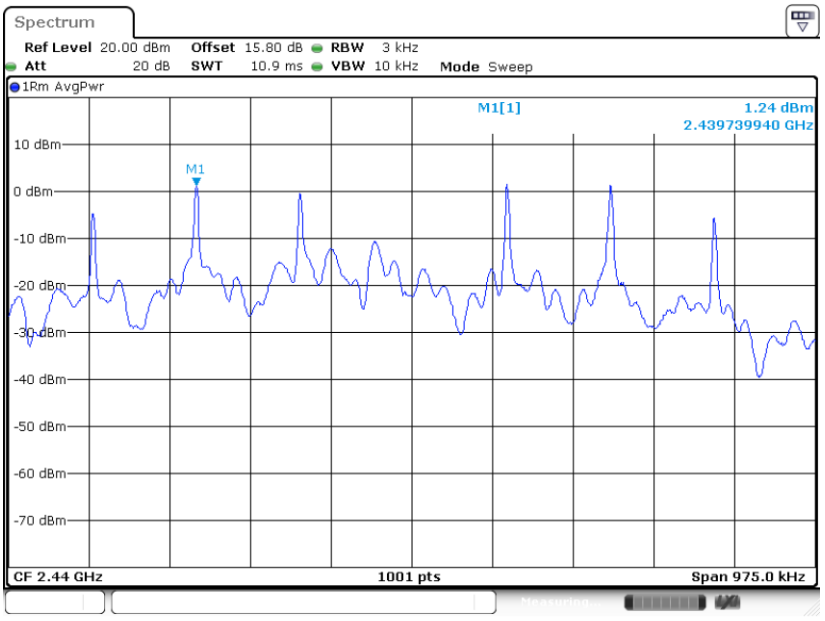


Bluetooth LE 1Mbps (Ant.2):

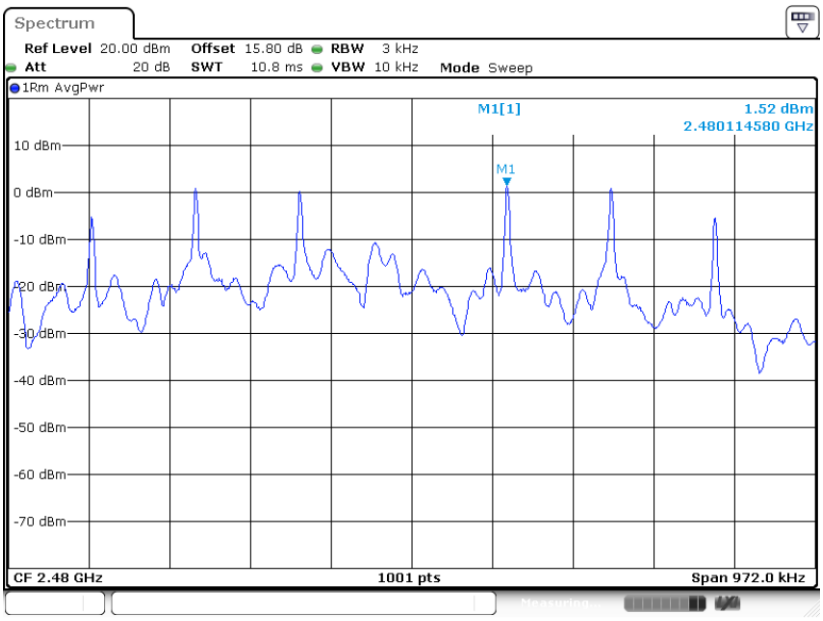
PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19



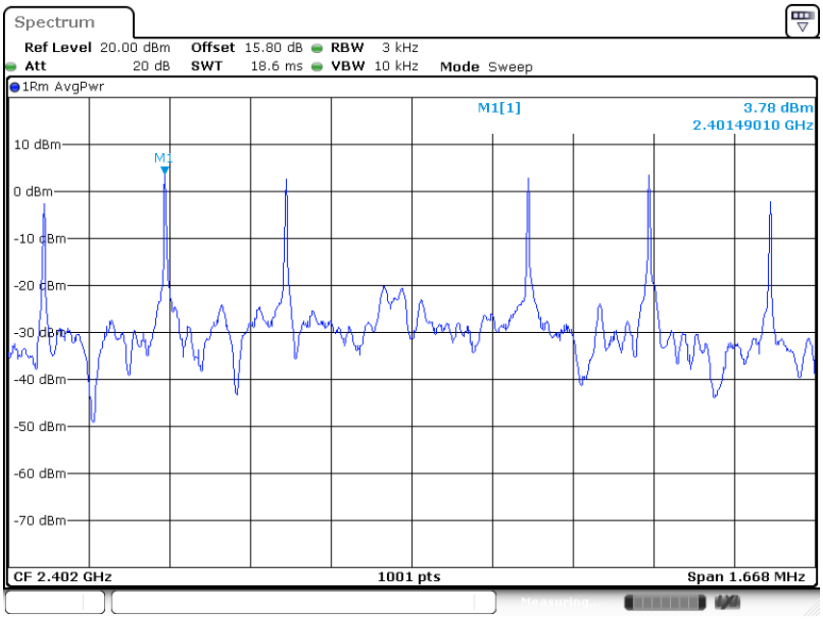
PSD 3kHz Plot on Channel 39



Date: 4.JUN.2023 07:50:28

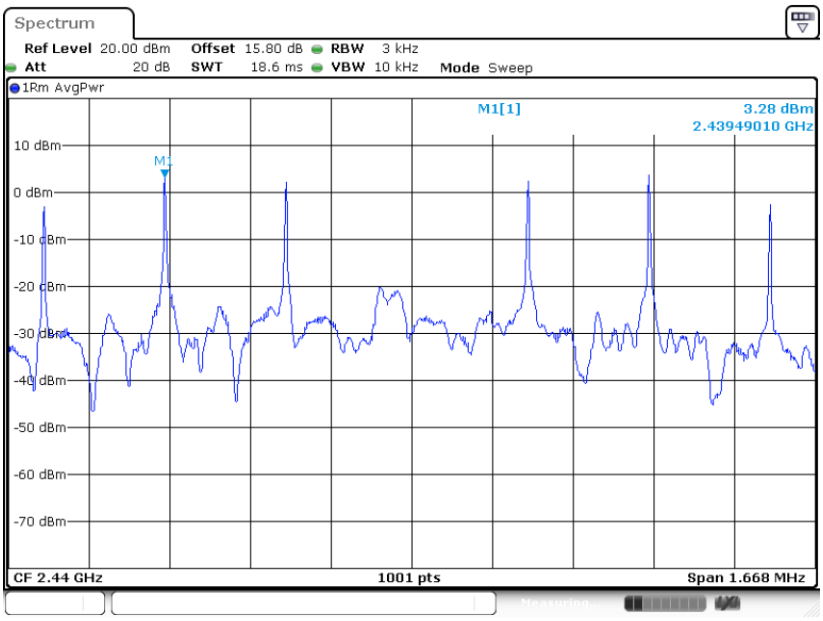
Bluetooth LE 2Mbps (Ant.2):

PSD 3kHz Plot on Channel 00



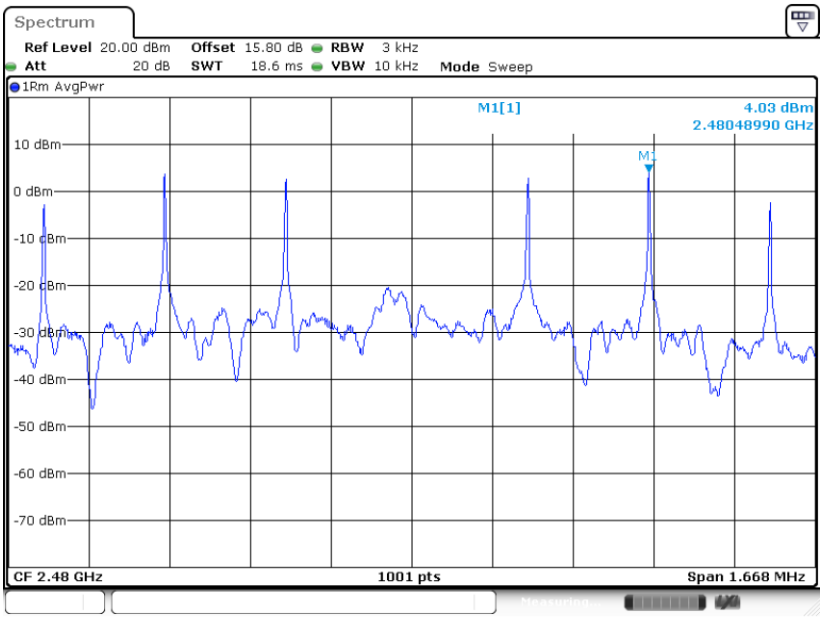
Date: 4.JUN.2023 07:23:56

PSD 3kHz Plot on Channel 19



Date: 4.JUN.2023 07:26:52

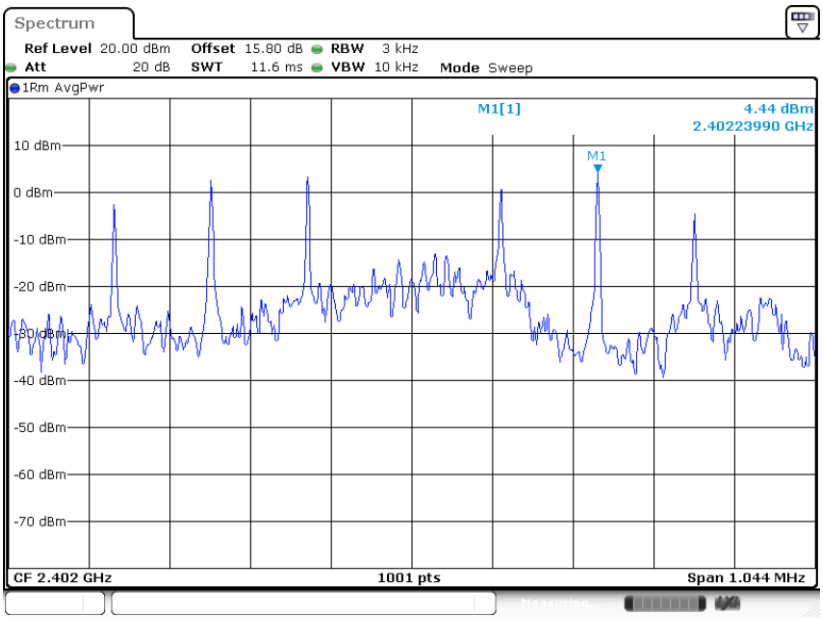
PSD 3kHz Plot on Channel 39



Date: 4.JUN.2023 07:29:07

Bluetooth LE 125Kbps (Ant.2):

PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19