



# FCC RADIO TEST REPORT

**FCC ID** : A4RG9FPL  
**Equipment** : Phone  
**Model Name** : G9FPL, G0B96  
**Applicant** : Google LLC  
1600 Amphitheatre Parkway,  
Mountain View, California, 94043 USA  
**Standard** : FCC Part 15 Subpart C §15.247

The product was received on Nov. 18, 2022 and testing was performed from Nov. 27, 2022 to Dec. 30, 2022. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Louis Wu

**Sporton International Inc. Wensan Laboratory**

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



## Table of Contents

<b>History of this test report.....</b>	<b>3</b>
<b>Summary of Test Result.....</b>	<b>4</b>
<b>1 General Description.....</b>	<b>5</b>
1.1 Product Feature of Equipment Under Test.....	5
1.2 Product Specification of Equipment Under Test.....	6
1.3 Modification of EUT .....	8
1.4 Testing Location .....	8
1.5 Applicable Standards.....	8
<b>2 Test Configuration of Equipment Under Test.....</b>	<b>9</b>
2.1 Carrier Frequency Channel .....	9
2.2 Test Mode.....	10
2.3 Connection Diagram of Test System.....	11
2.4 Support Unit used in test configuration and system .....	12
2.5 EUT Operation Test Setup .....	12
2.6 Measurement Results Explanation Example.....	12
<b>3 Test Result.....</b>	<b>13</b>
3.1 6dB and 99% Bandwidth Measurement .....	13
3.2 Output Power Measurement.....	30
3.3 Power Spectral Density Measurement .....	31
3.4 Conducted Band Edges and Spurious Emission Measurement .....	48
3.5 Radiated Band Edges and Spurious Emission Measurement .....	69
3.6 AC Conducted Emission Measurement.....	73
3.7 Antenna Requirements .....	75
<b>4 List of Measuring Equipment .....</b>	<b>76</b>
<b>5 Uncertainty of Evaluation.....</b>	<b>77</b>
<b>Appendix A. Conducted Test Results</b>	
<b>Appendix B. AC Conducted Emission Test Result</b>	
<b>Appendix C. Radiated Spurious Emission</b>	
<b>Appendix D. Radiated Spurious Emission Plots</b>	
<b>Appendix E. Duty Cycle Plots</b>	
<b>Appendix F. Setup Photographs</b>	



## History of this test report

Report No.	Version	Description	Issue Date
FR262403-04B	01	Initial issue of report	Feb. 10, 2023
FR262403-04B	02	1. Revise Antenna Directional Gain 2. Revise Product Specification of Equipment Under Test 3. Revise Appendix D 4. Revise Comments and Explanations	Mar. 08, 2023

## Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(a)(2)	6dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.247(b)(3) 15.247(b)(4)	Output Power	Pass	-
3.3	15.247(e)	Power Spectral Density	Pass	-
3.4	15.247(d)	Conducted Band Edges and Spurious Emission	Pass	-
3.5	15.247(d)	Radiated Band Edges and Spurious Emission	Pass	6.98 dB under the limit at 2483.560 MHz
3.6	15.207	AC Conducted Emission	Pass	16.49 dB under the limit at 1.394 MHz
3.7	15.203	Antenna Requirement	Pass	-

### Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.  
It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
- The measurement uncertainty please refer to report "Uncertainty of Evaluation".

### Comments and Explanations:

- The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.
- The G9FPL and G0B96 are 100% identical in Hardware / Software to each other, and only have different model names for separate marketing purposes. The test samples are all model G9FPL.

**Reviewed by: William Chen**

**Report Producer: Doris Chen**



# 1 General Description

## 1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Phone
Model Name	G9FPL, G0B96
FCC ID	A4RG9FPL
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/5G NR/NFC/GNSS/UWB/ WPT Client WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE

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

EUT Information List	
S/N	Performed Test Item
2A311FDHS00011	RF Conducted Measurement
2B021FDHS00023	Radiated Spurious Emission
2B021FDHS0002Y	Conducted Emission

## 1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard				
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		<b>&lt;Ant. 3&gt;</b> Bluetooth – LE (1Mbps): 20.40 dBm / 0.1096 W Bluetooth – LE (2Mbps): 20.60 dBm / 0.1148 W <b>&lt;Ant. 4&gt;</b> Bluetooth – LE (1Mbps): 20.80dBm / 0.1202 W Bluetooth – LE (2Mbps): 21.00dBm / 0.1259 W <b>MIMO &lt;Ant. 3+4&gt;</b> Bluetooth – LE (1Mbps): 22.07 dBm / 0.1611 W Bluetooth – LE (2Mbps): 22.77 dBm / 0.1892 W		
99% Occupied Bandwidth		<b>&lt;Ant. 3&gt;</b> Bluetooth – LE (1Mbps): 1.035 MHz Bluetooth – LE (2Mbps): 2.046 MHz <b>&lt;Ant. 4&gt;</b> Bluetooth – LE (1Mbps): 1.035 MHz Bluetooth – LE (2Mbps): 2.046 MHz <b>MIMO &lt;Ant. 3+4&gt;</b> Bluetooth – LE (1Mbps): 1.037 MHz Bluetooth – LE (2Mbps): 2.046 MHz		
Antenna Type / Gain <Open Mode>		<b>&lt;Ant. 3&gt;</b> : Coupling feed Antenna with gain -3.20 dBi <b>&lt;Ant. 4&gt;</b> : IFA Antenna with gain -2.10 dBi		
Antenna Type / Gain <Close Mode>		<b>&lt;Ant. 3&gt;</b> : Coupling feed Antenna with gain -4.30 dBi <b>&lt;Ant. 4&gt;</b> : IFA Antenna with gain -4.70 dBi		
Type of Modulation		Bluetooth - LE : GFSK		
Antenna Function Description			Ant. 3	Ant. 4
		Bluetooth - LE	V	V
		Bluetooth- LE MIMO	V	V

**Remark:**

1. MIMO Ant. 3+4 Directional Gain is a calculated result from MIMO Ant. 3 and MIMO Ant. 4. The formula used in calculation is documented in section 1.2.1.
2. Power of MIMO Ant. 3 + Ant. 4 is a calculated result from sum of the power MIMO Ant. 3 and MIMO Ant. 4.
3. The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

## 1.2.1 Antenna Directional Gain

### <For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output **v02r01 F)2)f)ii)**

Directional gain =  $G_{ANT}$  + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ .

$G_{ANT}$  is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

$$DirectionalGain = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

$N_{SS}$  = the number of independent spatial streams of data;

$N_{ANT}$  = the total number of antennas

$g_{j,k} = 10^{G_k/20}$  if the  $k$ th antenna is being fed by spatial stream  $j$ , or zero if it is not;  
 $G_k$  is the gain in dBi of the  $k$ th antenna.

As minimum  $N_{SS}=1$  is supported by EUT, the formula can be simplified as:

Directional gain =  $10 \cdot \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N_{ANT}]$  dBi

Where  $G_1, G_2, \dots, G_N$  denote single antenna gain.

The directional gain "DG" is calculated as following table.

			DG	DG	Power	PSD
			for	for	Limit	Limit
	Ant 3	Ant 4	Power	PSD	Reduction	Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Bluetooth	-3.20	-2.10	-2.10	0.38	0.00	0.00

Calculation example:

If a device has two antenna,  $G_{ANT1}=-3.20$ dBi;  $G_{ANT2}=-2.10$ dBi

Directional gain of power measurement =  $\max(-3.20, -2.10) + 0 = -2.10$  dBi

Directional gain of PSD derived from formula which is

$$10 \times \log \left\{ \left[ 10^{(-3.20 \text{ dBi} / 20)} + 10^{(-2.10 \text{ dBi} / 20)} \right]^2 / 2 \right\} \\ = 0.38 \text{ dBi}$$

Power and PSD limit reduction = Composite gain – 6dBi, ( min = 0 )

**Note:** The antenna gain is from both open mode and close mode with highest number.



### 1.3 Modification of EUT

No modifications made to the EUT during the testing.

### 1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	<b>Sporton Site No.</b> CO05-HY(TAF Code: 1190)
Remark	The Conducted Emission test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory.

**Note:** The test site complies with ANSI C63.4 2014 requirement.

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	<b>Sporton Site No.</b> TH05-HY,03CH16-HY

**Note:** The test site complies with ANSI C63.4 2014 requirement.

FCC designation No.: TW1190 and TW3786

### 1.5 Applicable Standards

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

- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

**Remark:**

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.





## 2 Test Configuration of Equipment Under Test

### 2.1 Carrier Frequency Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
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

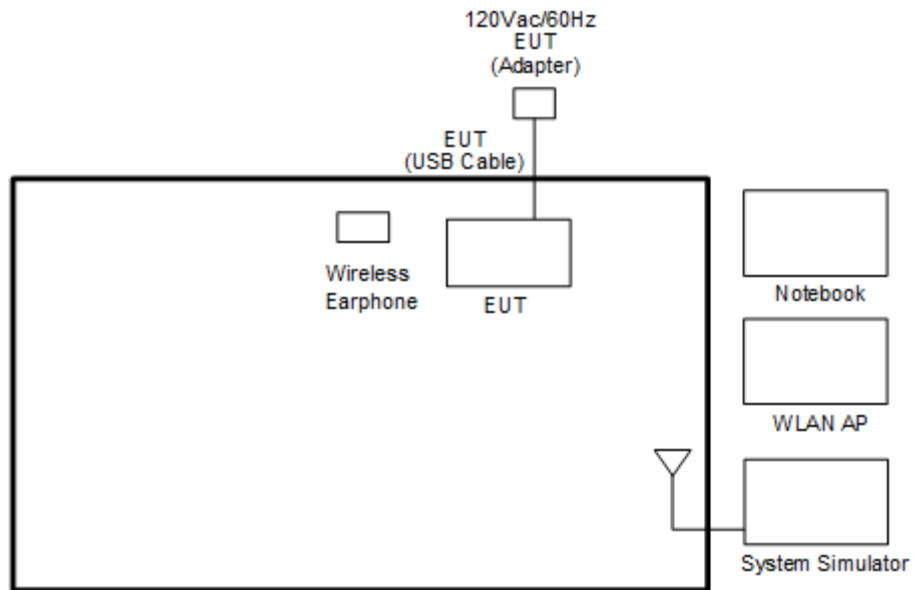
- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT (open and close ) and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and accessory (Adapter or Earphone), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported 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.

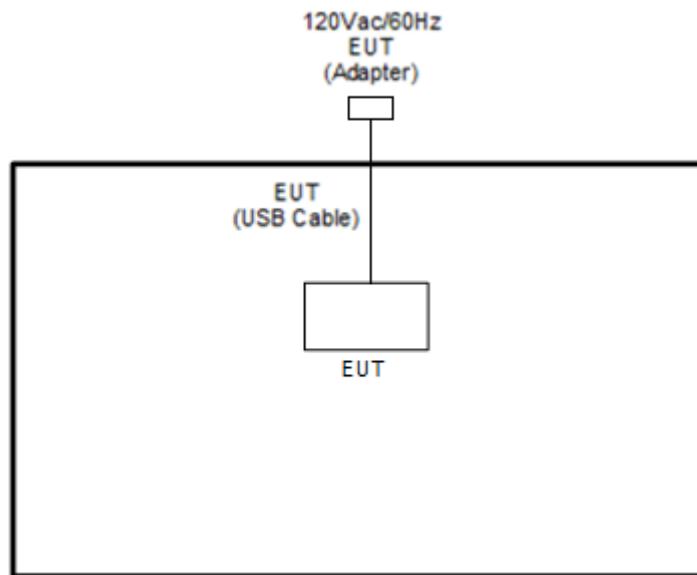
Summary table of Test Cases	
Test Item	Data Rate / Modulation
<b>Conducted Test Cases</b>	<b>Bluetooth – LE / GFSK</b>
	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps
	Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps
	Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps
	Mode 4: Bluetooth Tx CH00_2402 MHz_2Mbps
	Mode 5: Bluetooth Tx CH19_2440 MHz_2Mbps
	Mode 6: Bluetooth Tx CH39_2480 MHz_2Mbps
<b>Radiated Test Cases</b>	Mode 1: Bluetooth Tx CH00_2402 MHz_1Mbps Mode 2: Bluetooth Tx CH19_2440 MHz_1Mbps Mode 3: Bluetooth Tx CH39_2480 MHz_1Mbps
<b>AC Conducted Emission</b>	Mode 1: GSM850 Idle + WLAN (2.4GHz) Link + Bluetooth Link + USB Cable 1 (Charging from AC Adapter 1)
<b>Remark:</b> <ol style="list-style-type: none"> <li>For Radiated Test Cases, the tests were performed with AC Adapter 2 and USB Cable 2.</li> <li>During the preliminary test, both charging modes (Adapter mode and WPT client mode) were verified. It is determined that the adaptor mode is the worst case for official test.</li> <li>For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.</li> </ol>	

## 2.3 Connection Diagram of Test System

### <AC Conducted Emission Mode>



### <Bluetooth-LE Tx Mode>



## 2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
2.	Wireless Earphone	Google	G1007/G1008	A4RG1007/ A4RG1008	N/A	N/A
3.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
4.	Notebook	DELL	Latitude 3420	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

## 2.5 EUT Operation Test Setup

The RF test items, utility “Cmd Version 1.0.39” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

## 2.6 Measurement Results Explanation Example

**For all conducted test items:**

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

Example :

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

*Offset = RF cable loss + attenuator factor.*

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

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

### 3 Test Result

#### 3.1 6dB and 99% Bandwidth Measurement

##### 3.1.1 Limit of 6dB and 99% Bandwidth

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

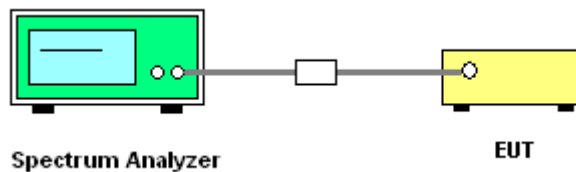
##### 3.1.2 Measuring Instruments

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

##### 3.1.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 6.9.3 (OBW) and 11.8.1 (6dB BW).
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.
5. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1-5% of the emission bandwidth and set the Video bandwidth (VBW)  $\geq 3 * RBW$ .
6. Measure and record the results in the test report.

##### 3.1.4 Test Setup



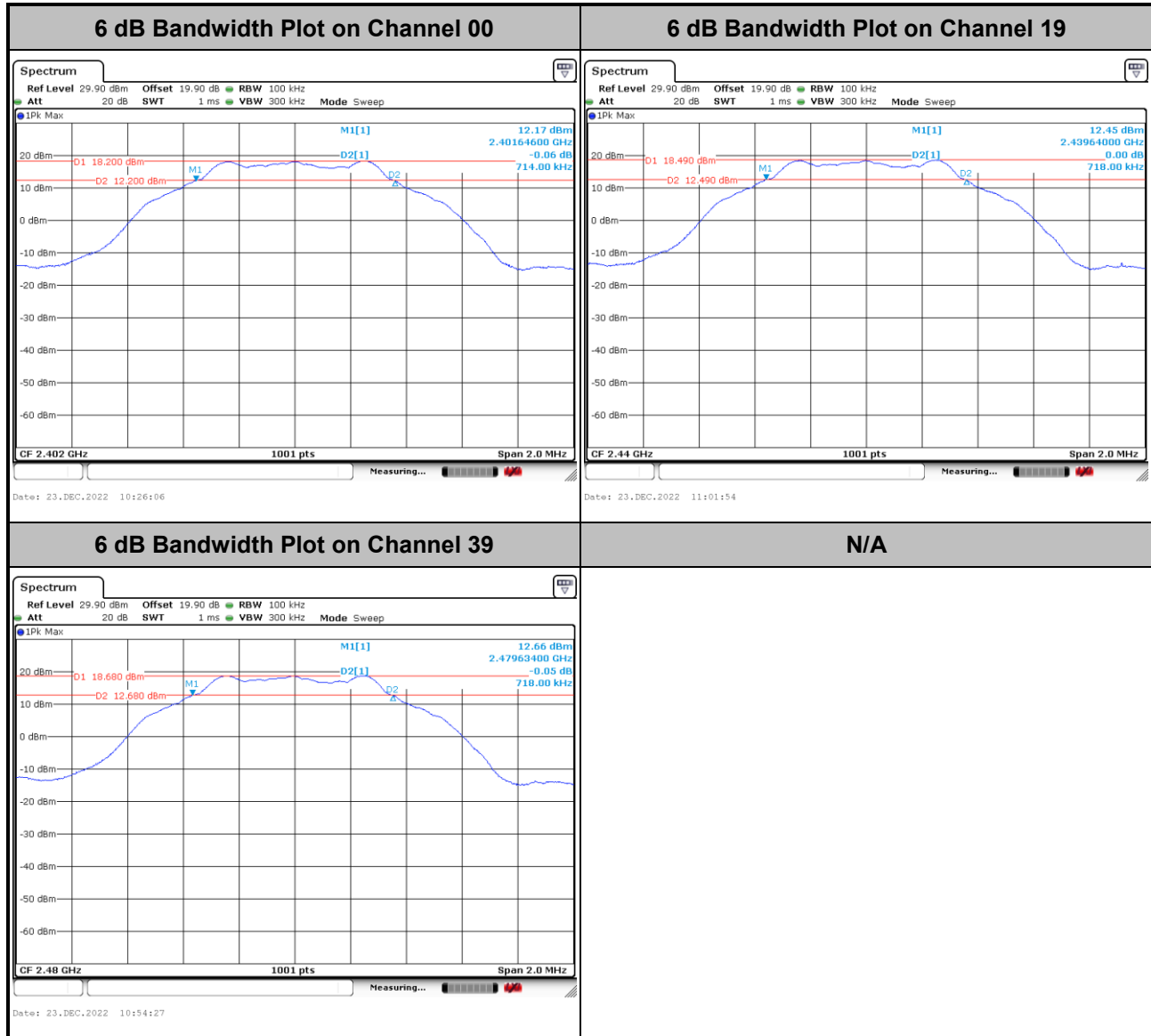


### 3.1.5 Test Result of 6dB Bandwidth

Please refer to Appendix A.

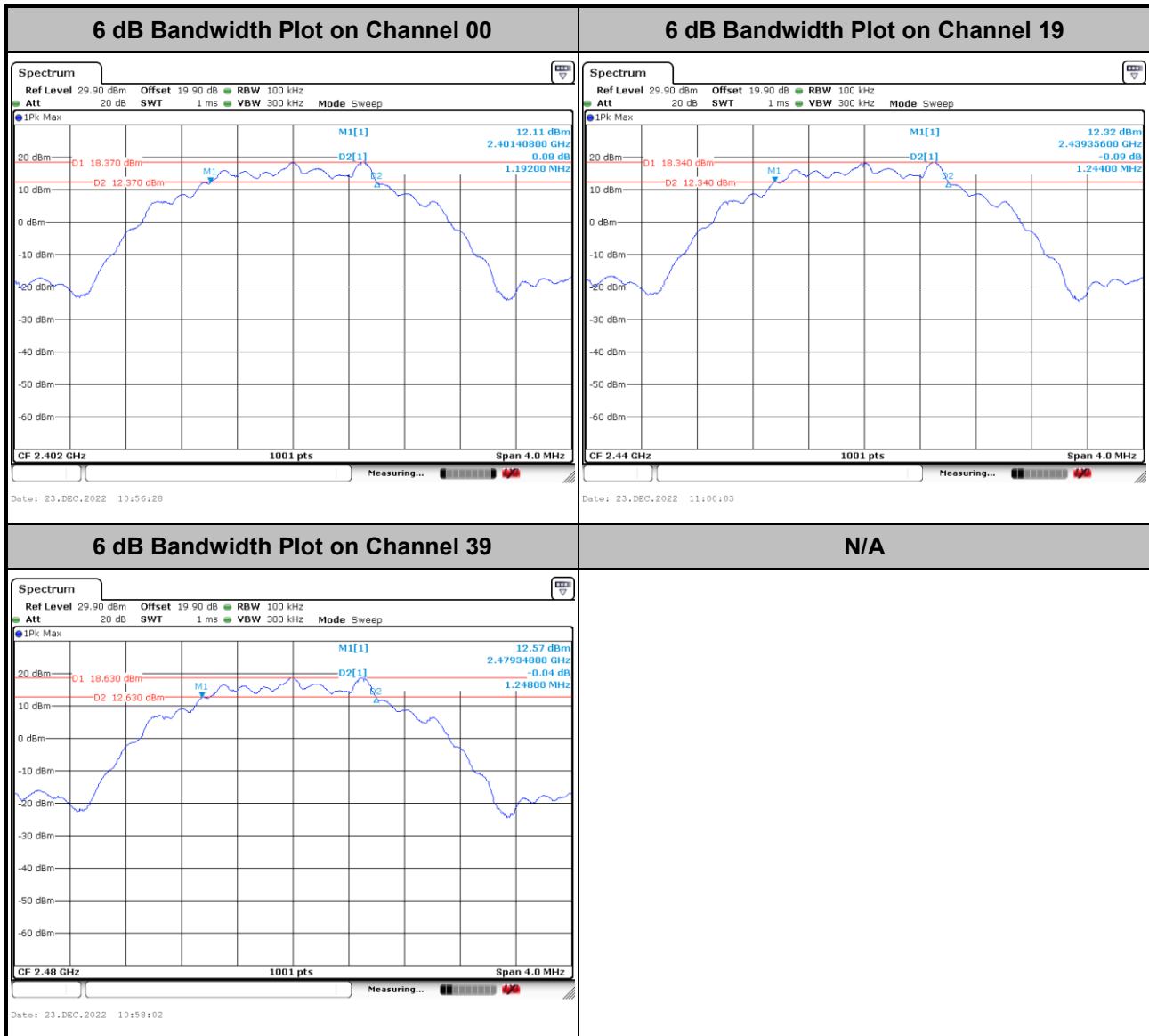
<Ant.3>

<1Mbps>





&lt;2Mbps&gt;

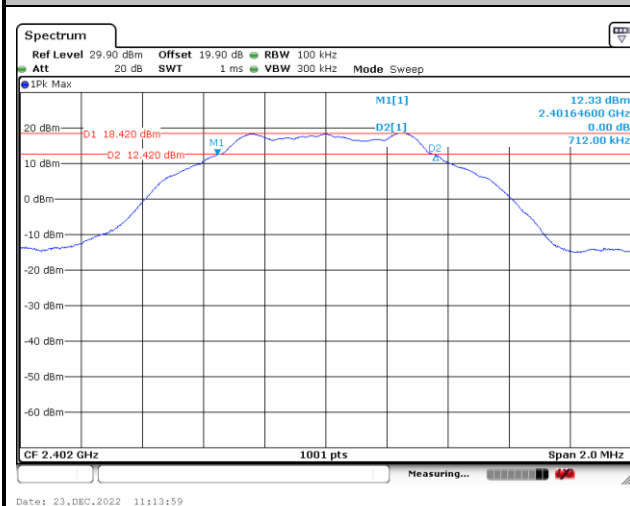




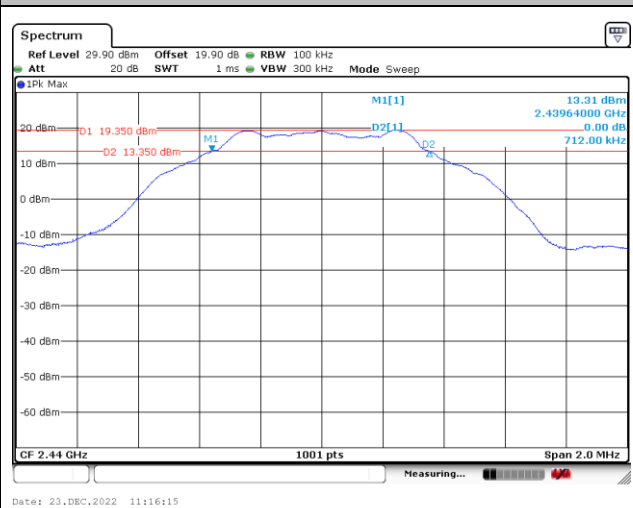
&lt;Ant.4&gt;

&lt;1Mbps&gt;

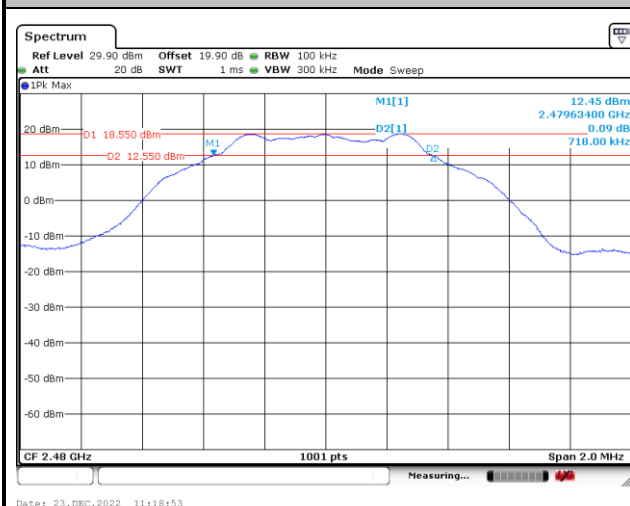
6 dB Bandwidth Plot on Channel 00



6 dB Bandwidth Plot on Channel 19



6 dB Bandwidth Plot on Channel 39

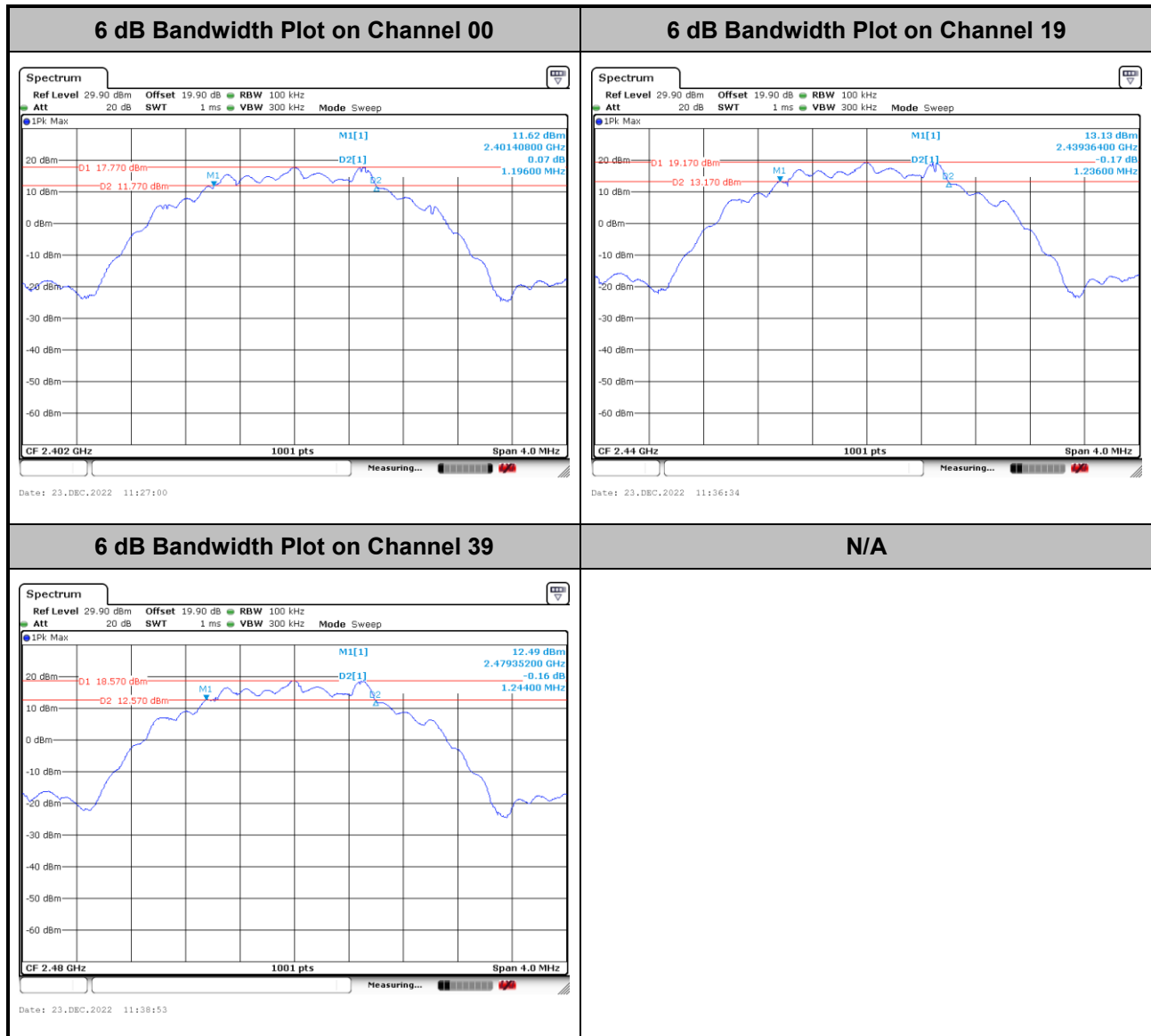


N/A





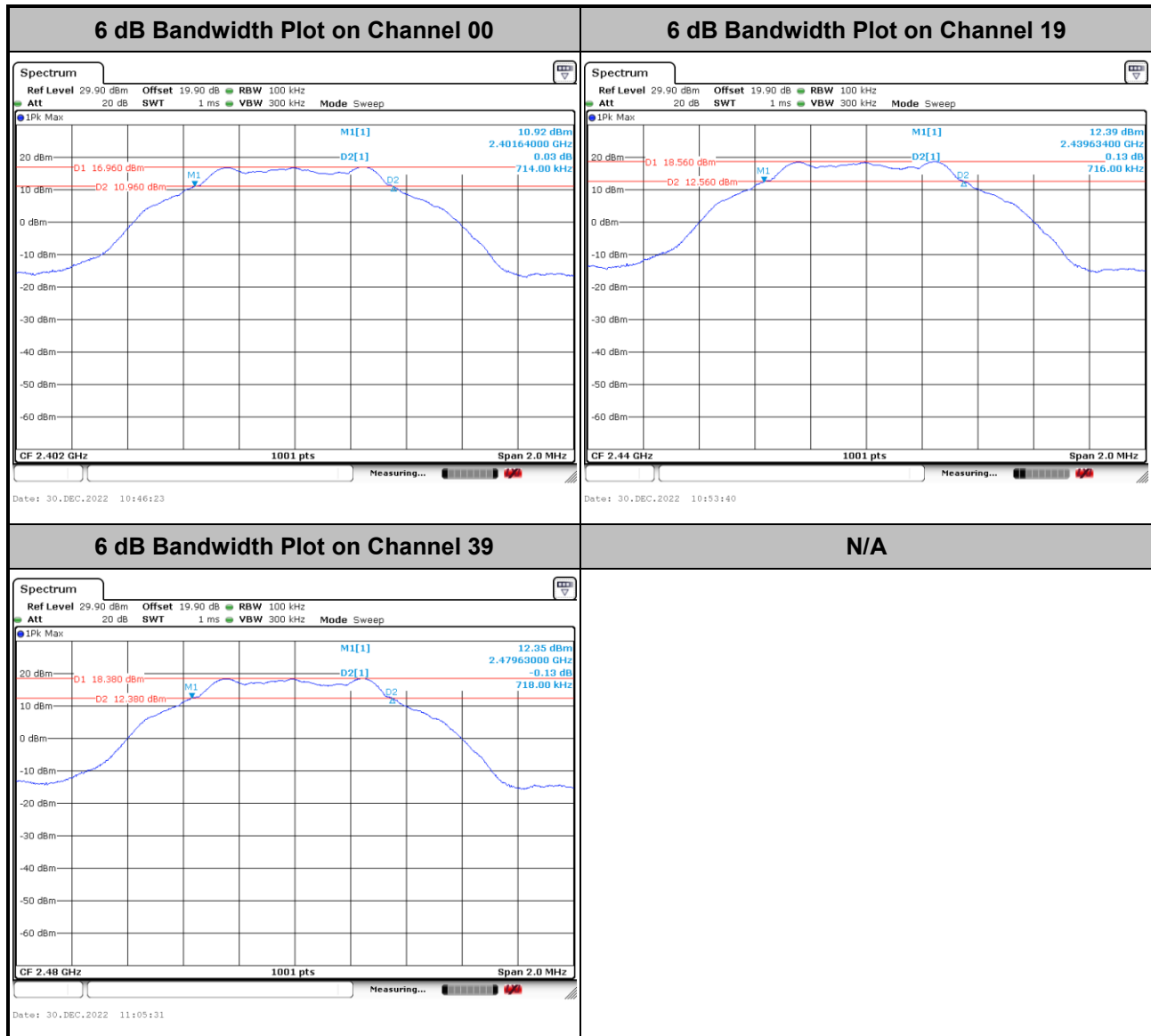
&lt;2Mbps&gt;





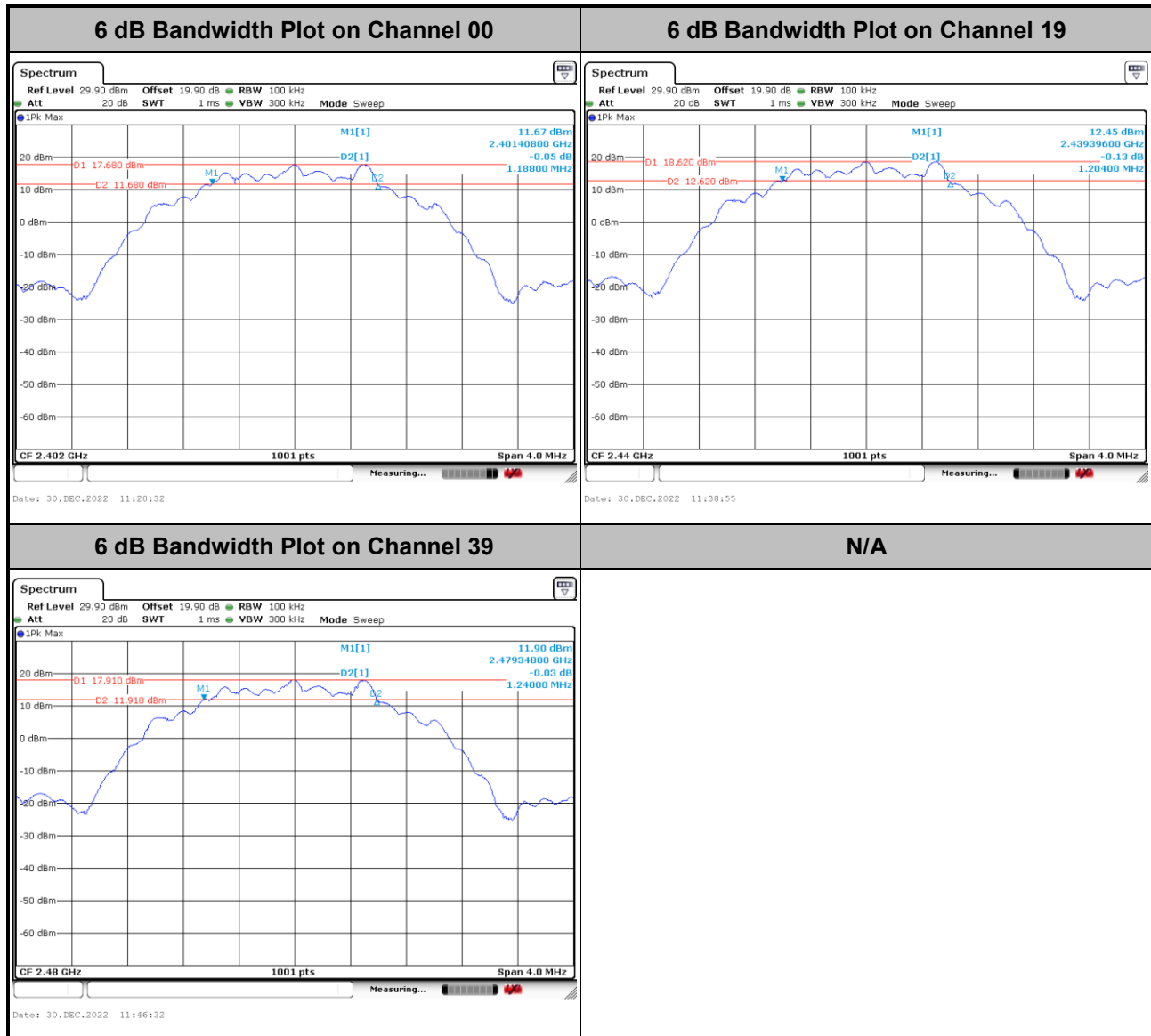
MIMO&lt;Ant.3&gt;

&lt;1Mbps&gt;





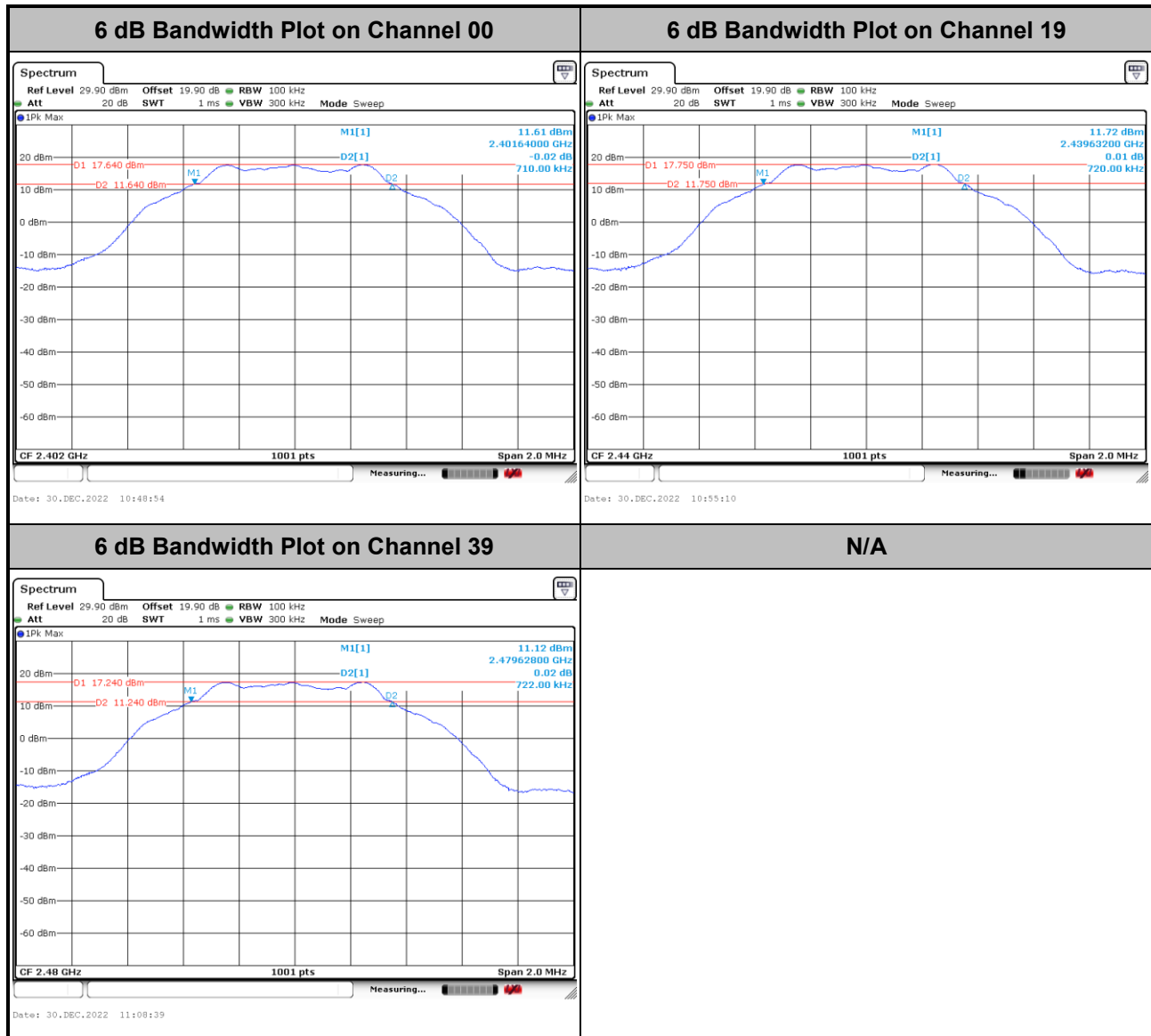
&lt;2Mbps&gt;





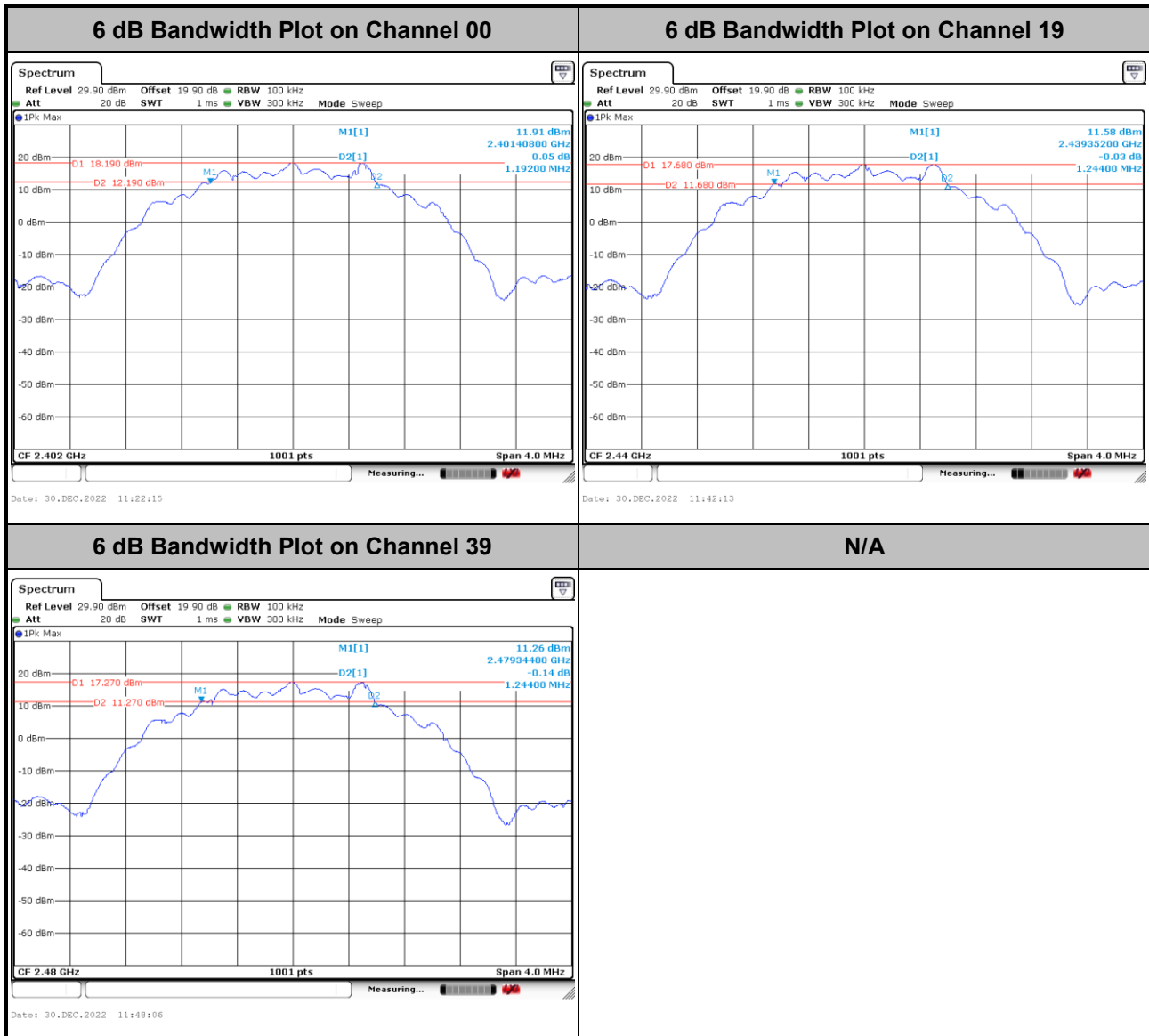
MIMO&lt;Ant.4&gt;

&lt;1Mbps&gt;





&lt;2Mbps&gt;



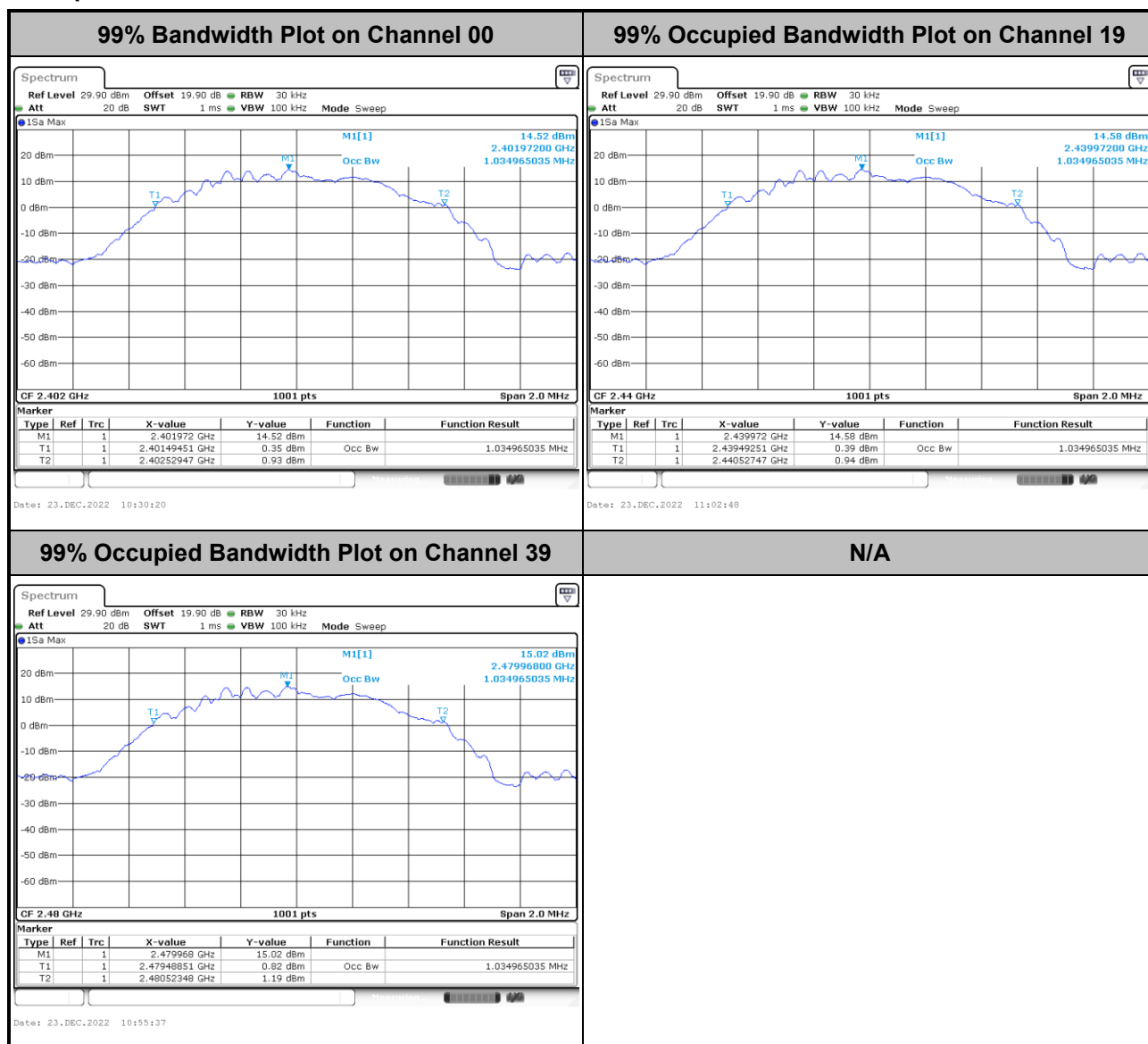


### 3.1.6 Test Result of 99% Occupied Bandwidth

Please refer to Appendix A.

<Ant.3>

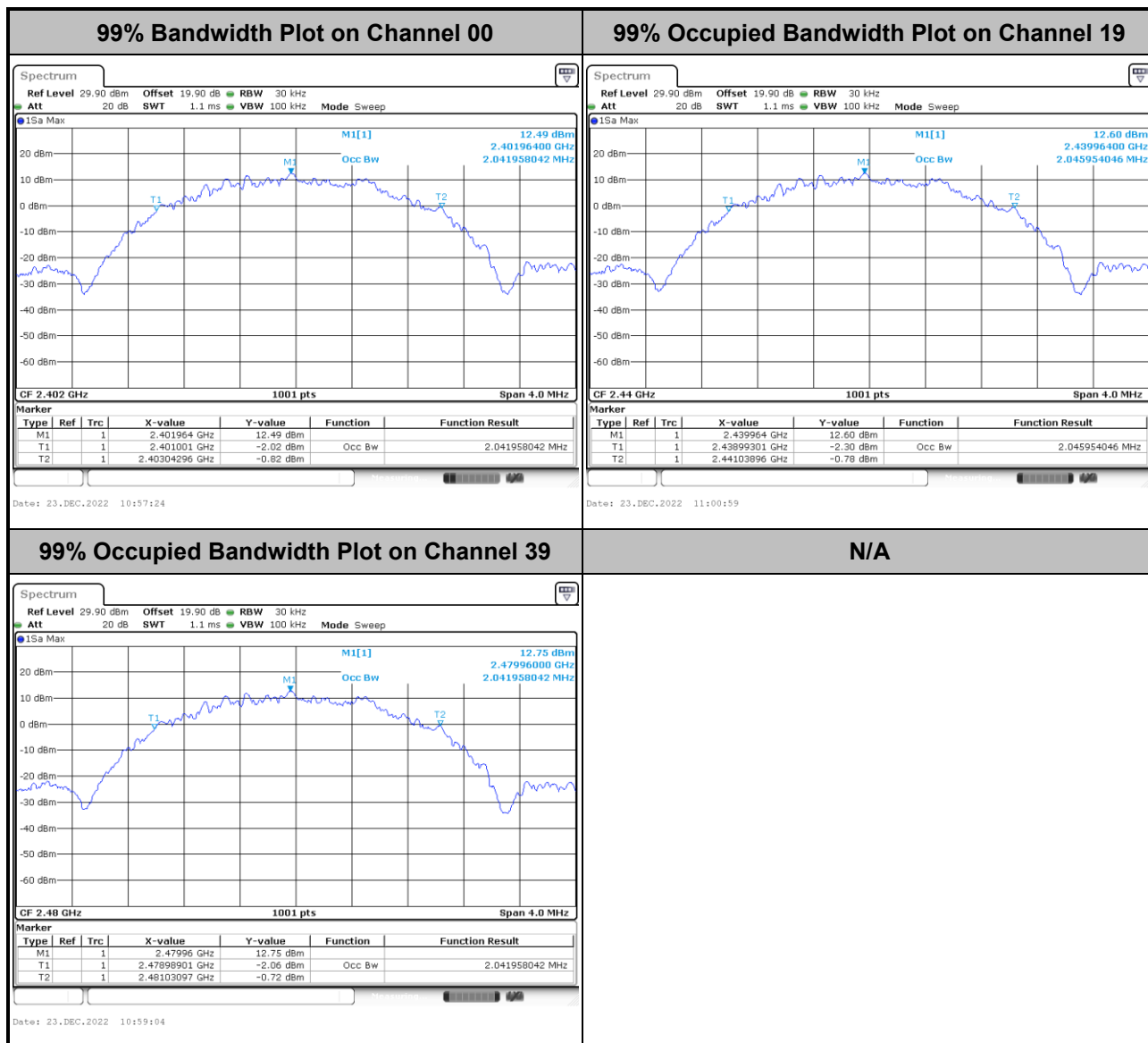
<1Mbps>



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



&lt;2Mbps&gt;



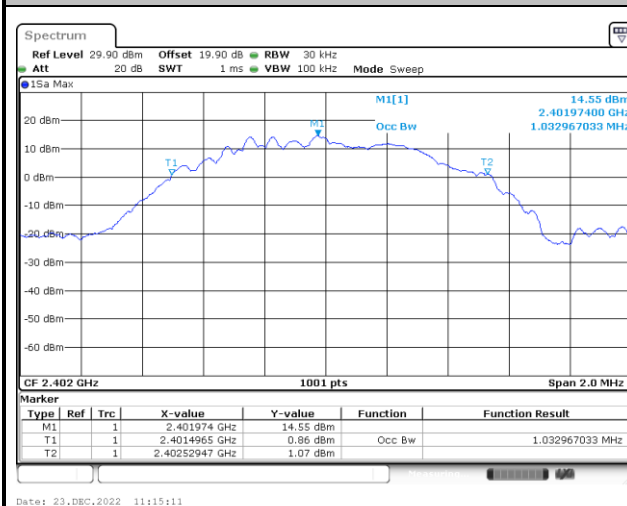
Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



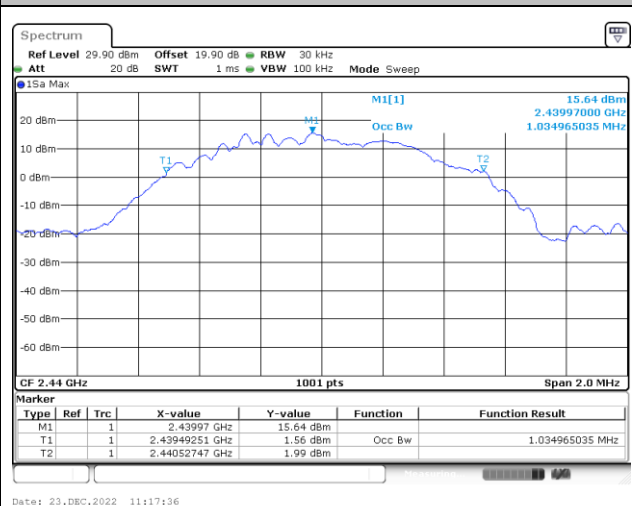
&lt;Ant.4&gt;

&lt;1Mbps&gt;

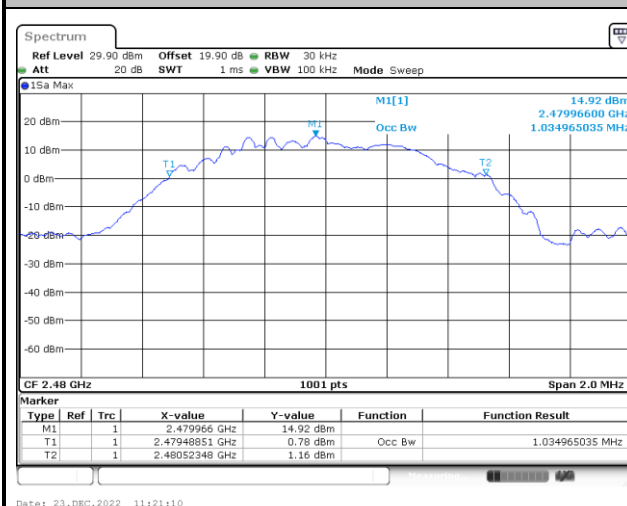
99% Bandwidth Plot on Channel 00



99% Occupied Bandwidth Plot on Channel 19



99% Occupied Bandwidth Plot on Channel 39



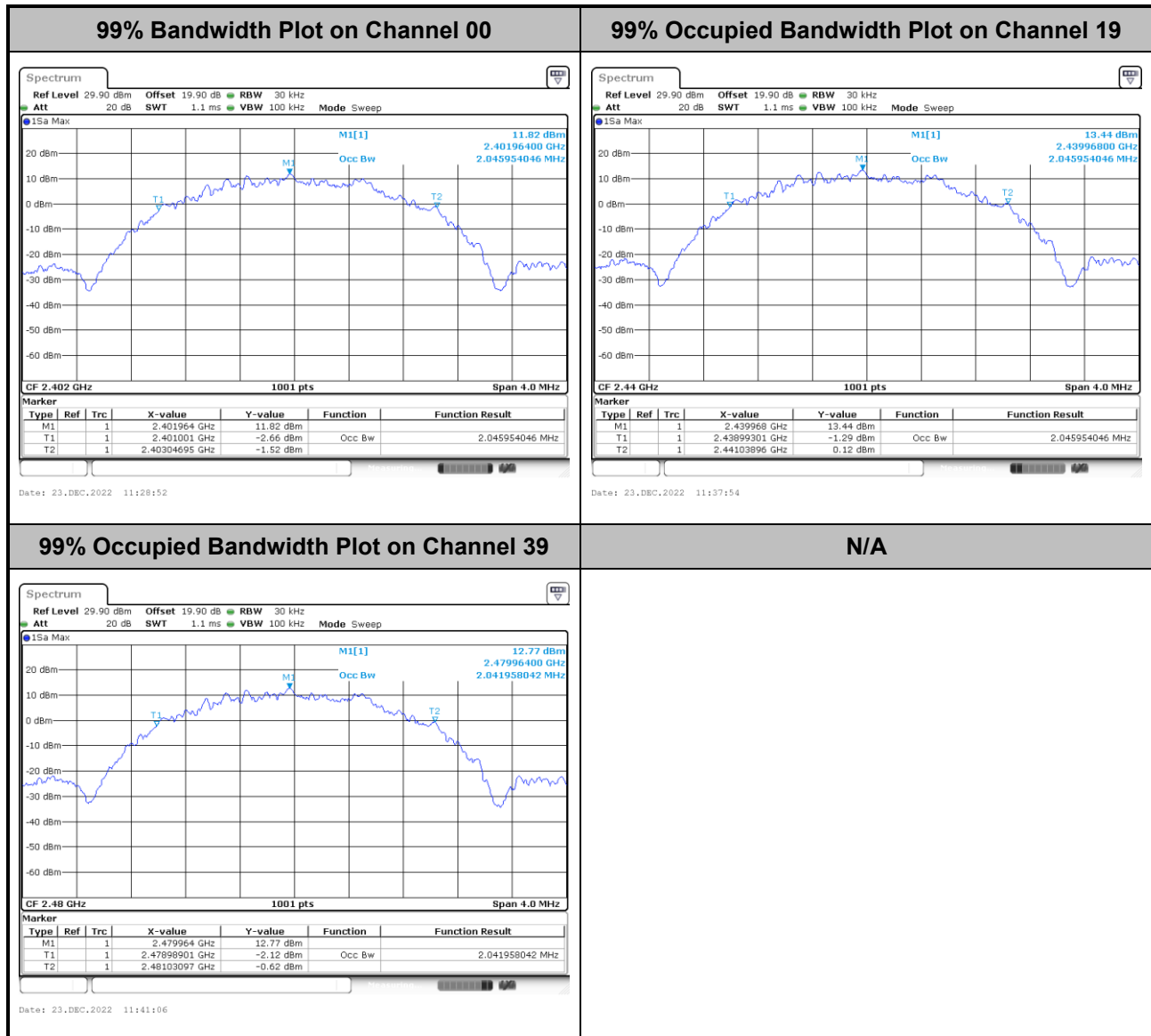
N/A

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





&lt;2Mbps&gt;

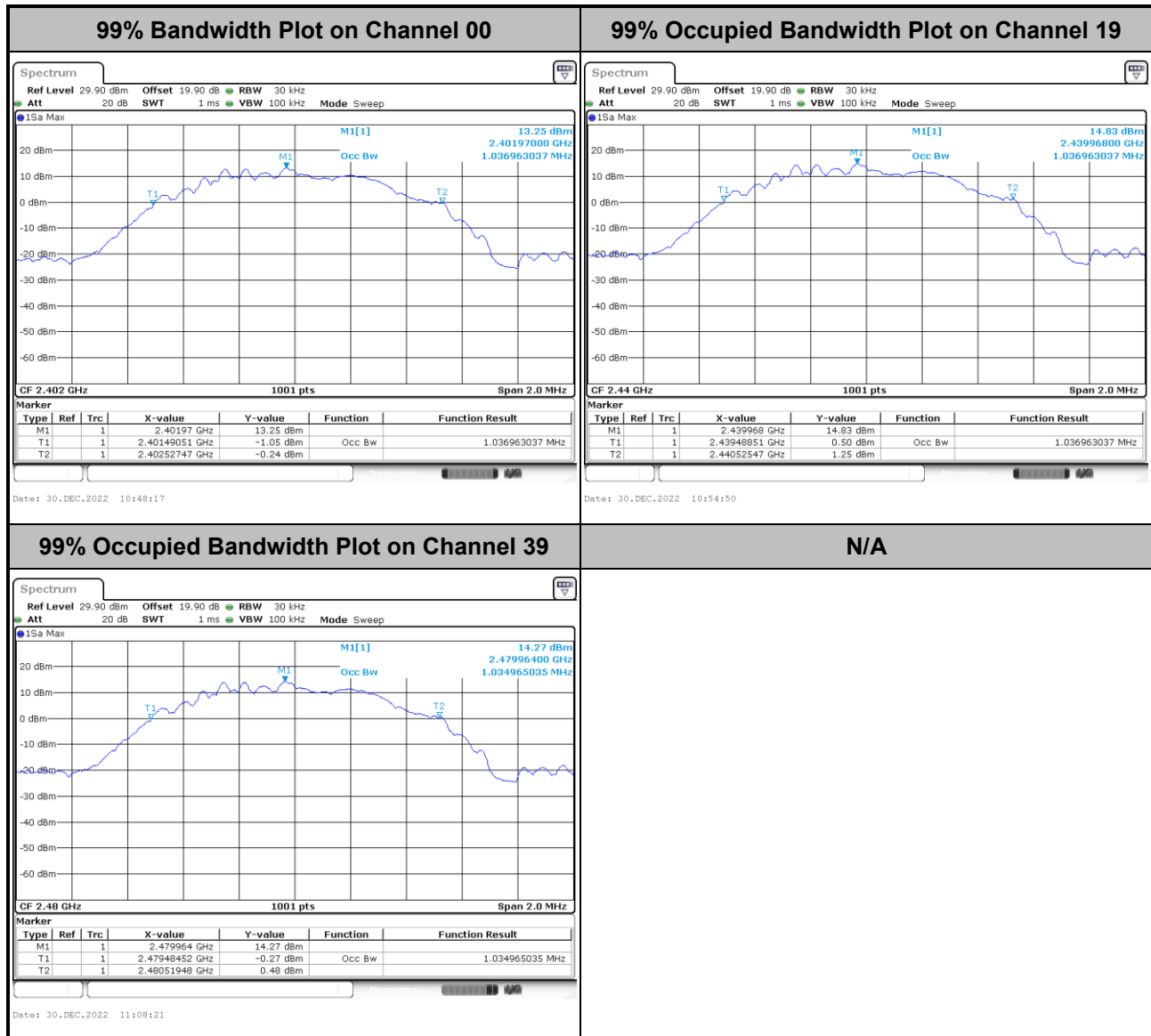


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



MIMO&lt;Ant.3&gt;

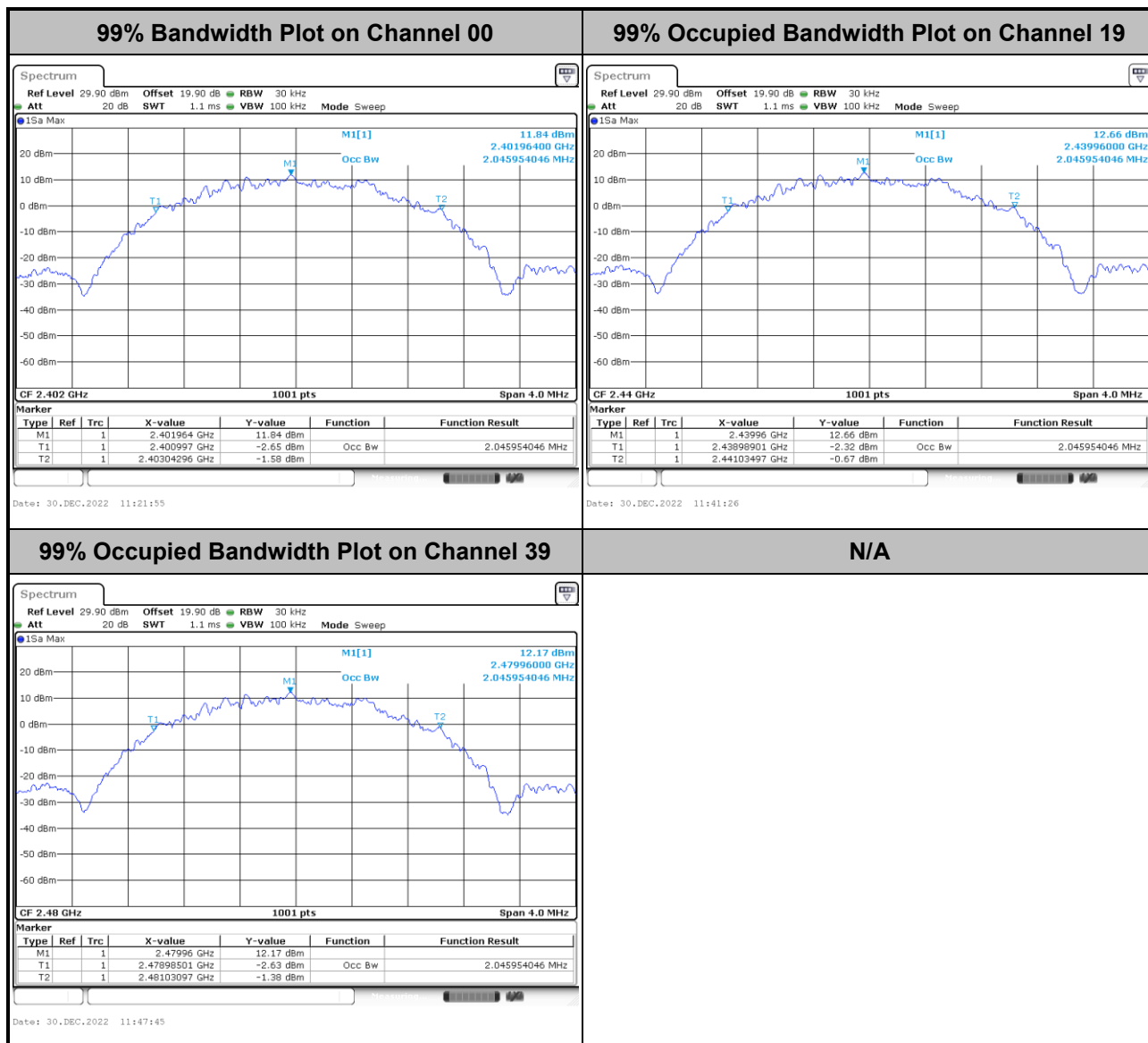
&lt;1Mbps&gt;



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



&lt;2Mbps&gt;

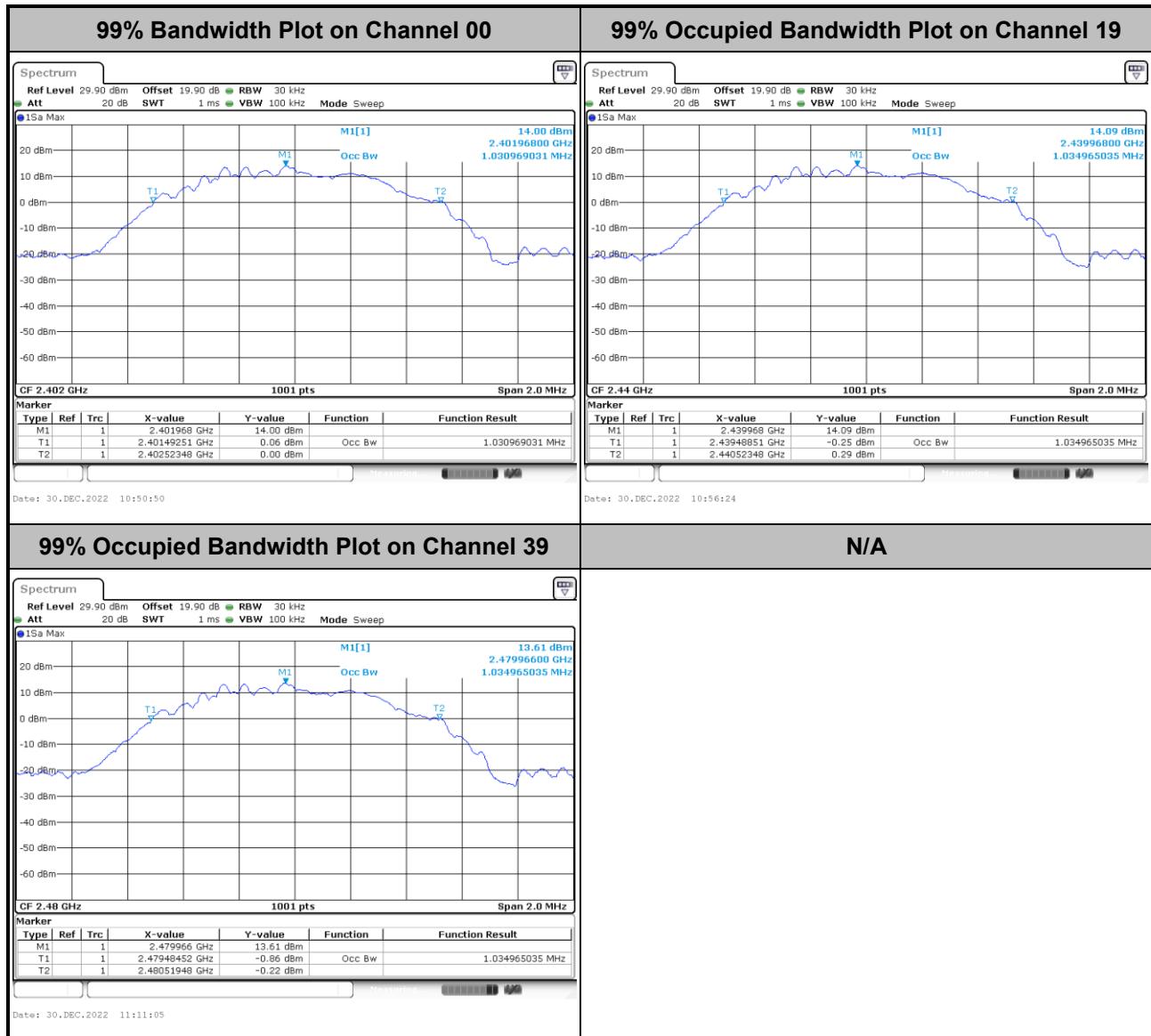


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.



MIMO&lt;Ant.4&gt;

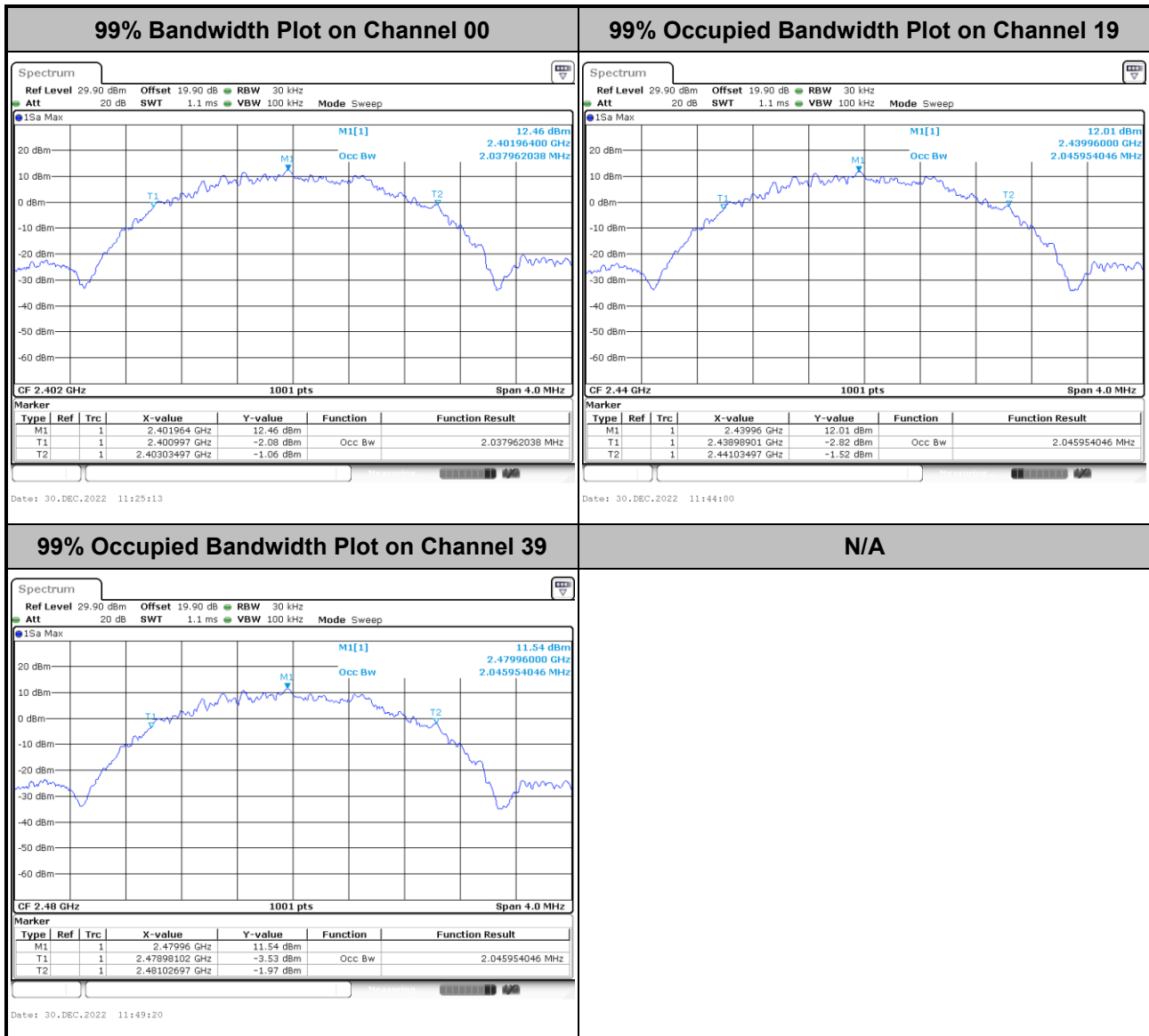
&lt;1Mbps&gt;



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



&lt;2Mbps&gt;



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

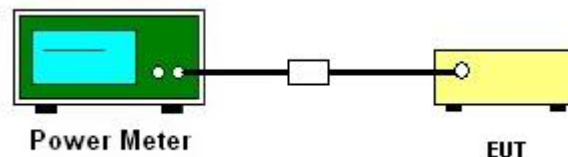
### 3.2.2 Measuring Instruments

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

### 3.2.3 Test Procedures

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

### 3.2.4 Test Setup



### 3.2.5 Test Result of Average Output Power

Please refer to Appendix A.

### 3.3 Power Spectral Density Measurement

#### 3.3.1 Limit of Power Spectral Density

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

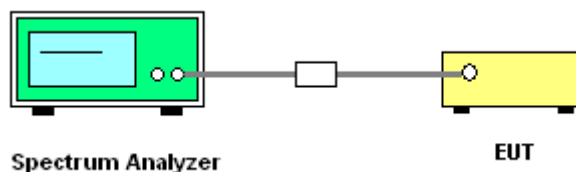
#### 3.3.2 Measuring Instruments

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

#### 3.3.3 Test Procedures

1. The testing follows the ANSI C63.10 Section 11.10.2 Method PKPSD.
2. The RF output of EUT is connected to the spectrum analyzer by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 3 kHz. Video bandwidth (VBW) = 10 kHz. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6 dB BW)
5. Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.
6. Measure and record the results in the test report.
7. The Measured power density (dBm)/ 100 kHz is a reference level and is used as 20 dBc down limit line for Conducted Band Edges and Conducted Spurious Emission.

#### 3.3.4 Test Setup



#### 3.3.5 Test Result of Power Spectral Density

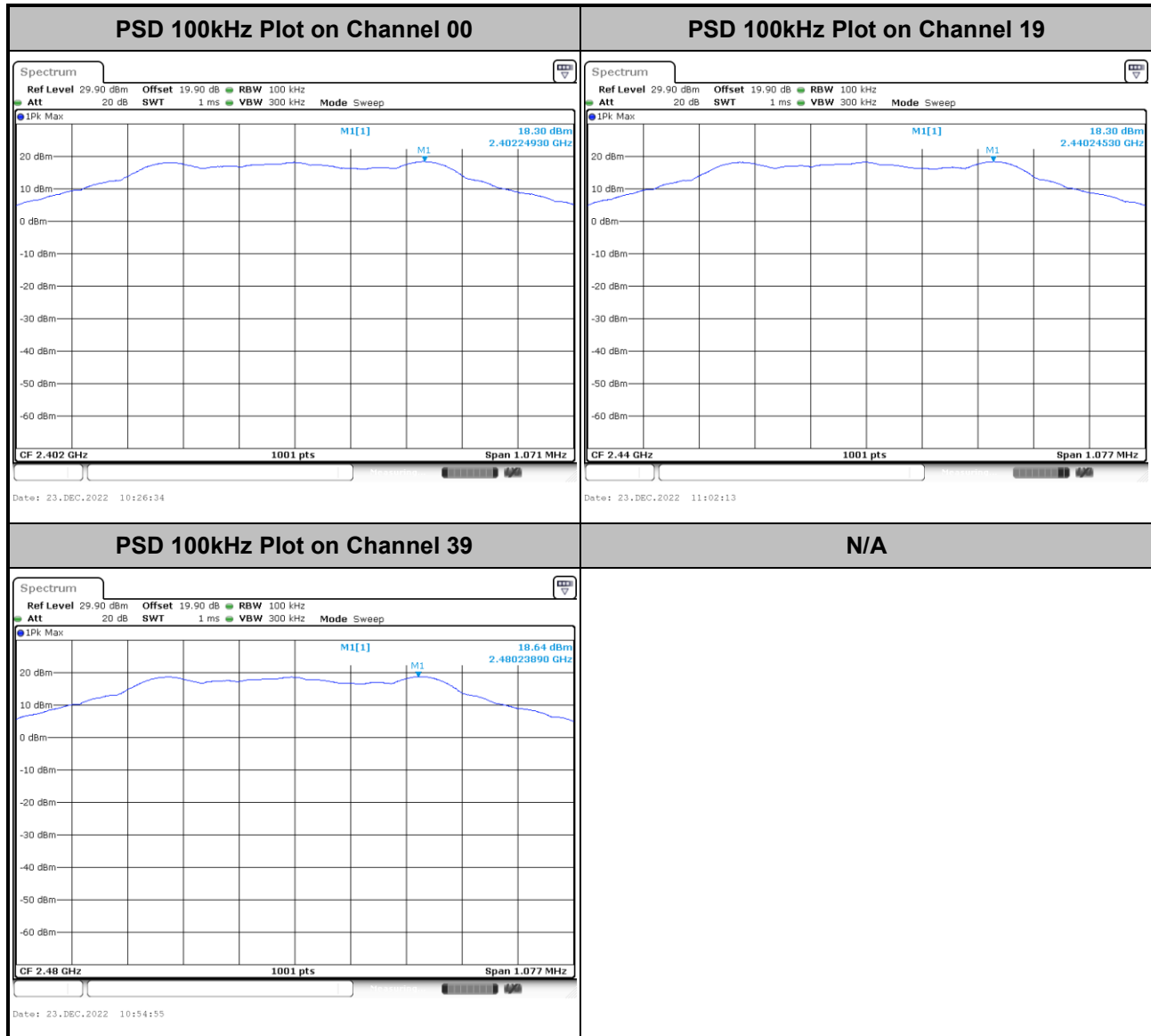
Please refer to Appendix A.



## 3.3.6 Test Result of Power Spectral Density Plots (100kHz)

&lt;Ant.3&gt;

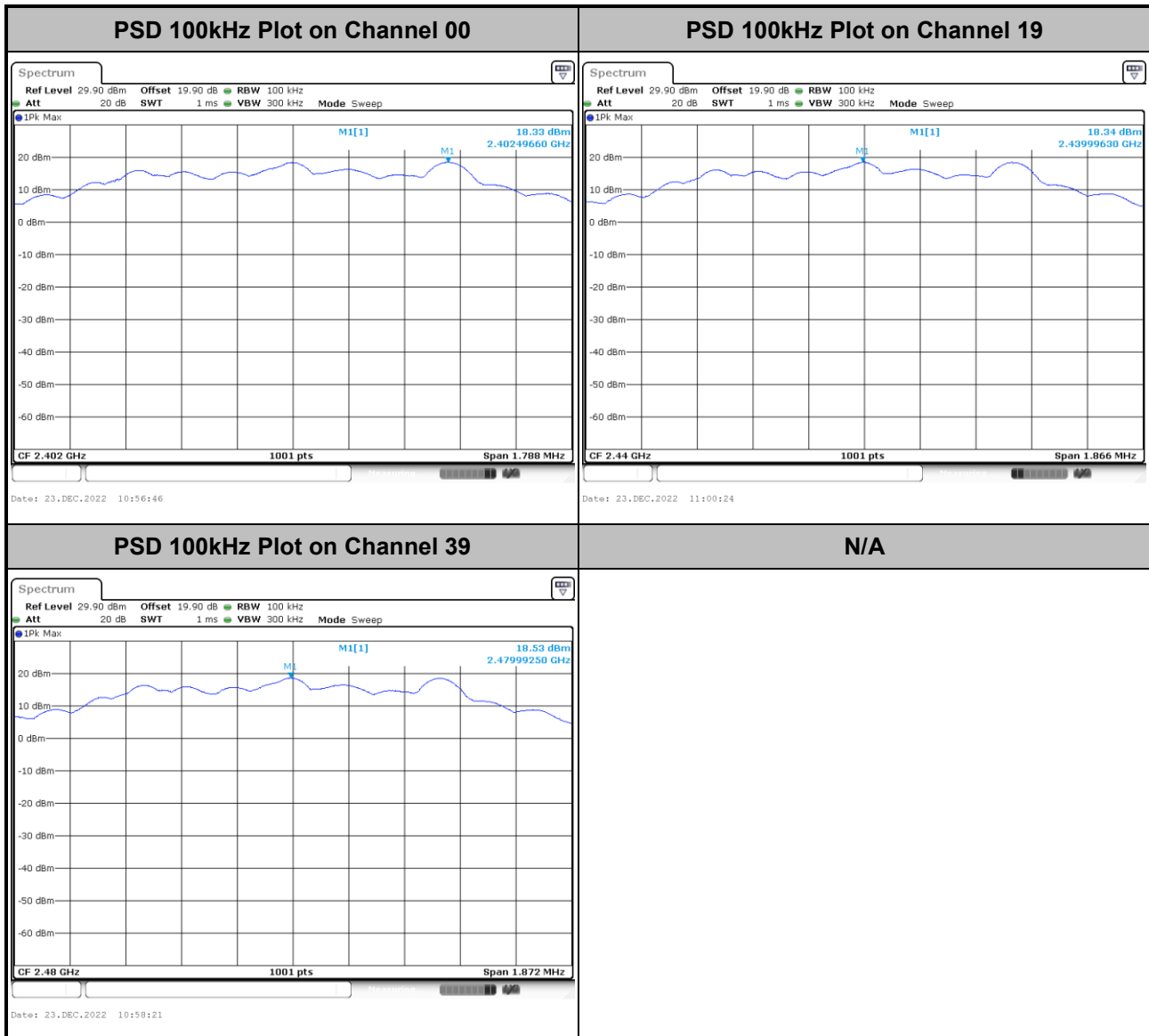
&lt;1Mbps&gt;







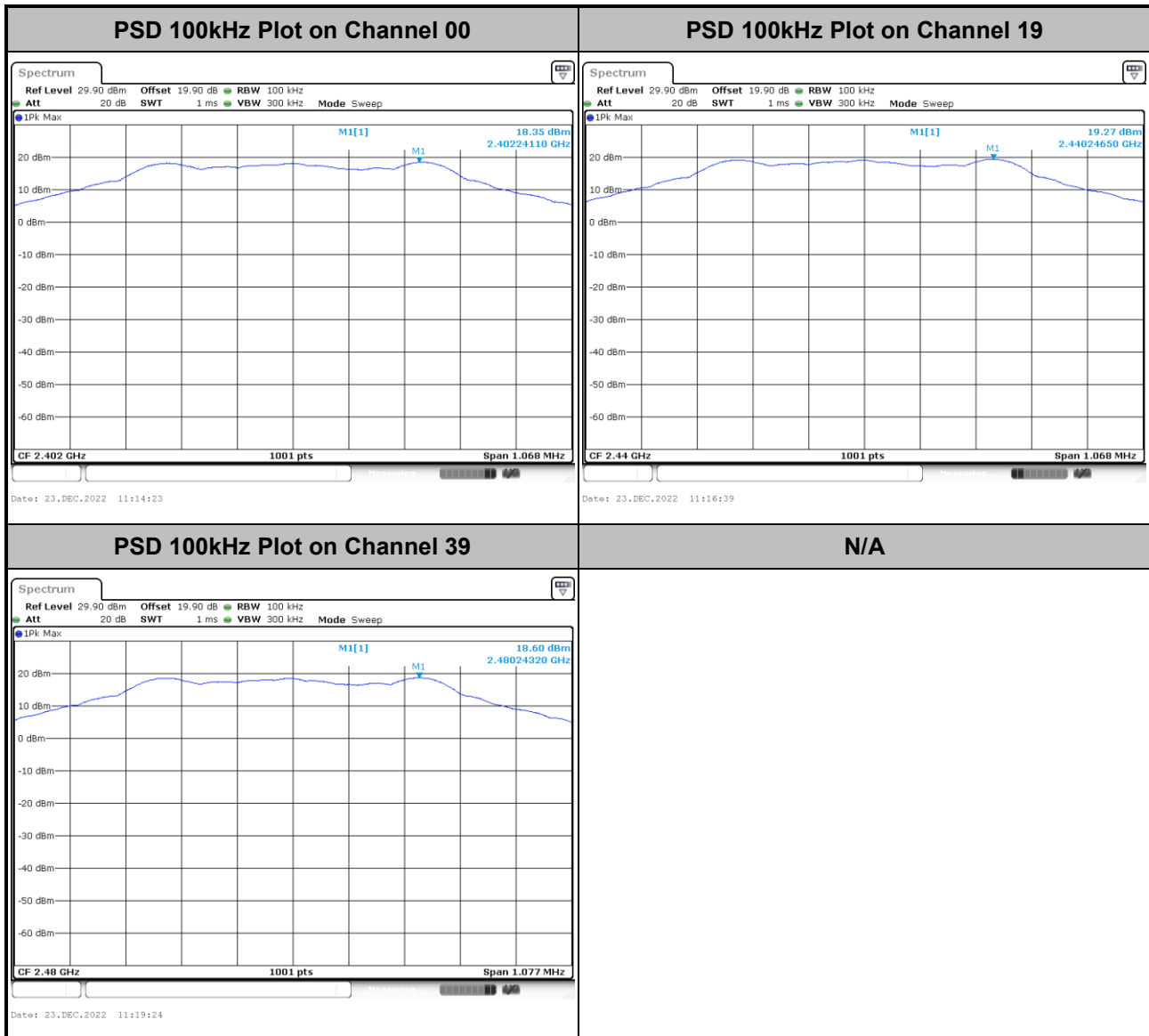
<2Mbps>





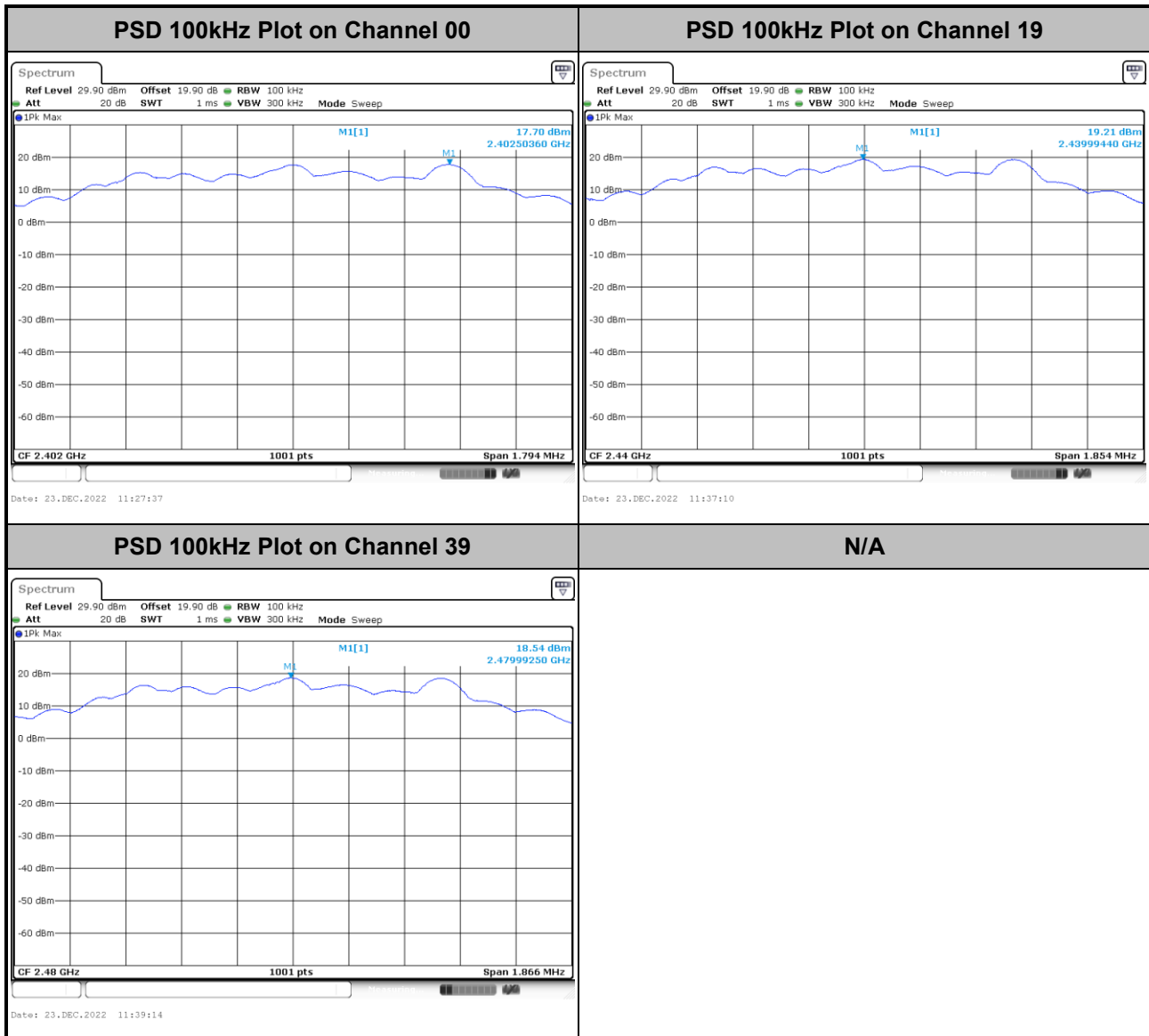
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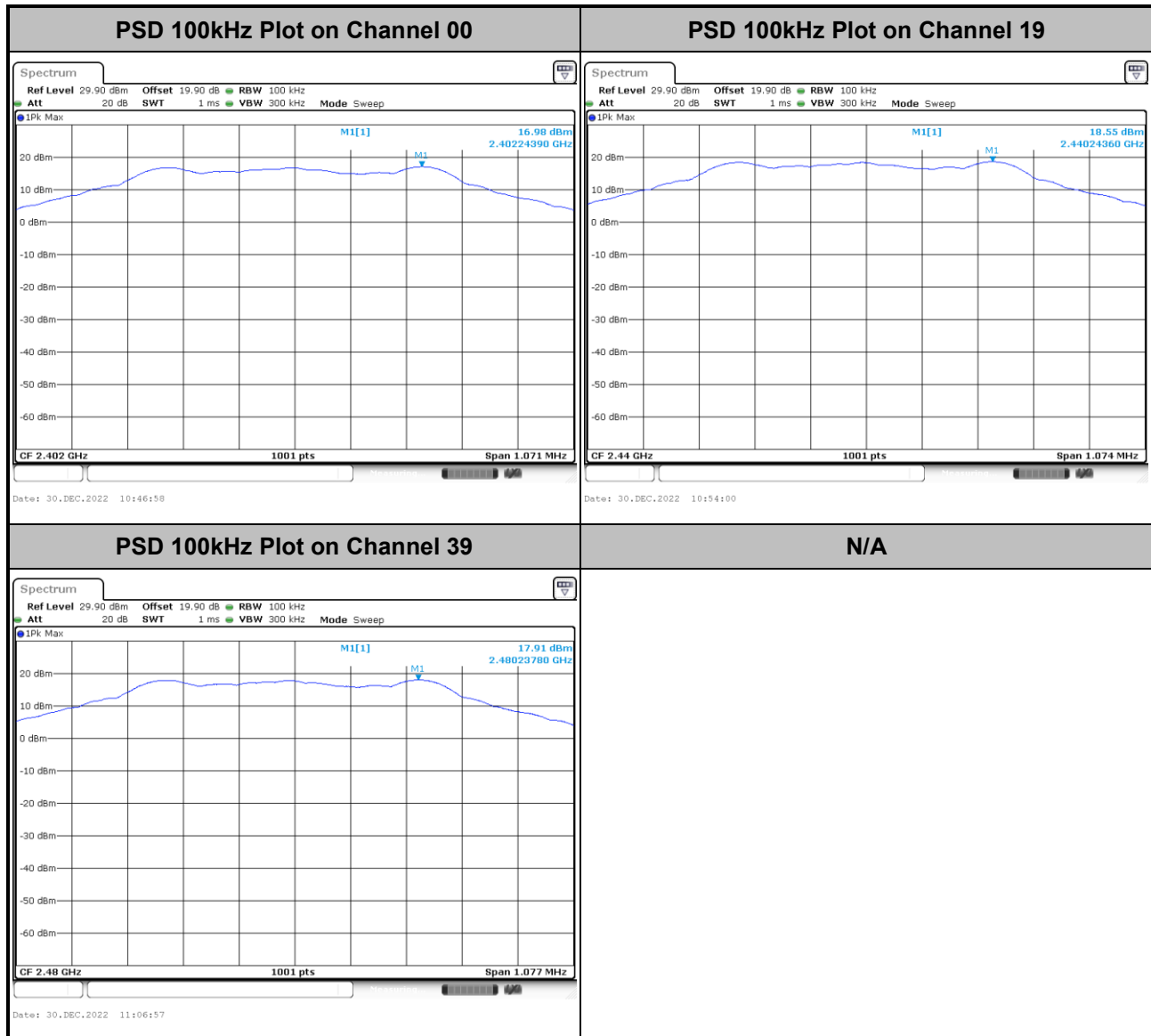
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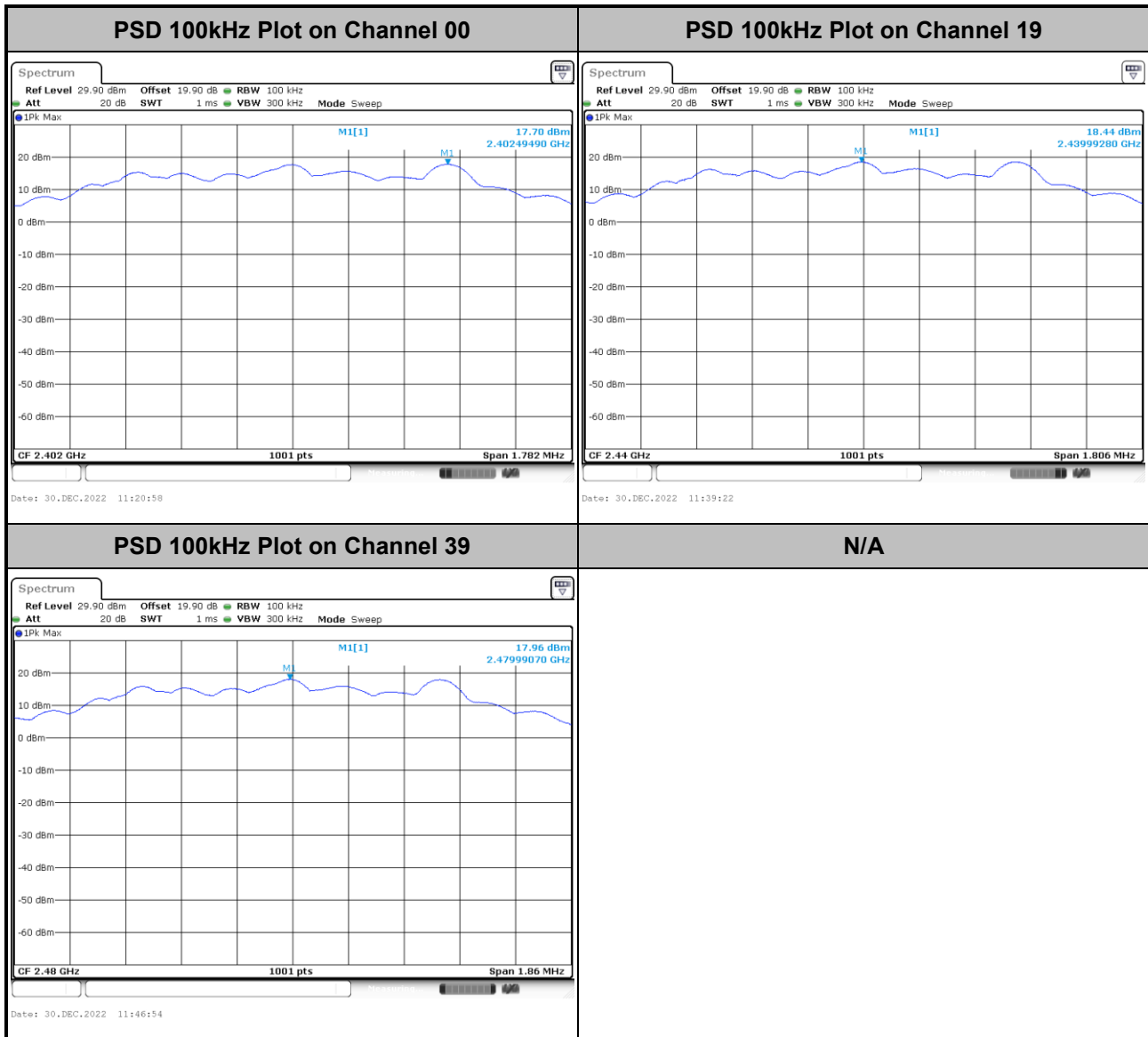
MIMO&lt;Ant.3&gt;

&lt;1Mbps&gt;





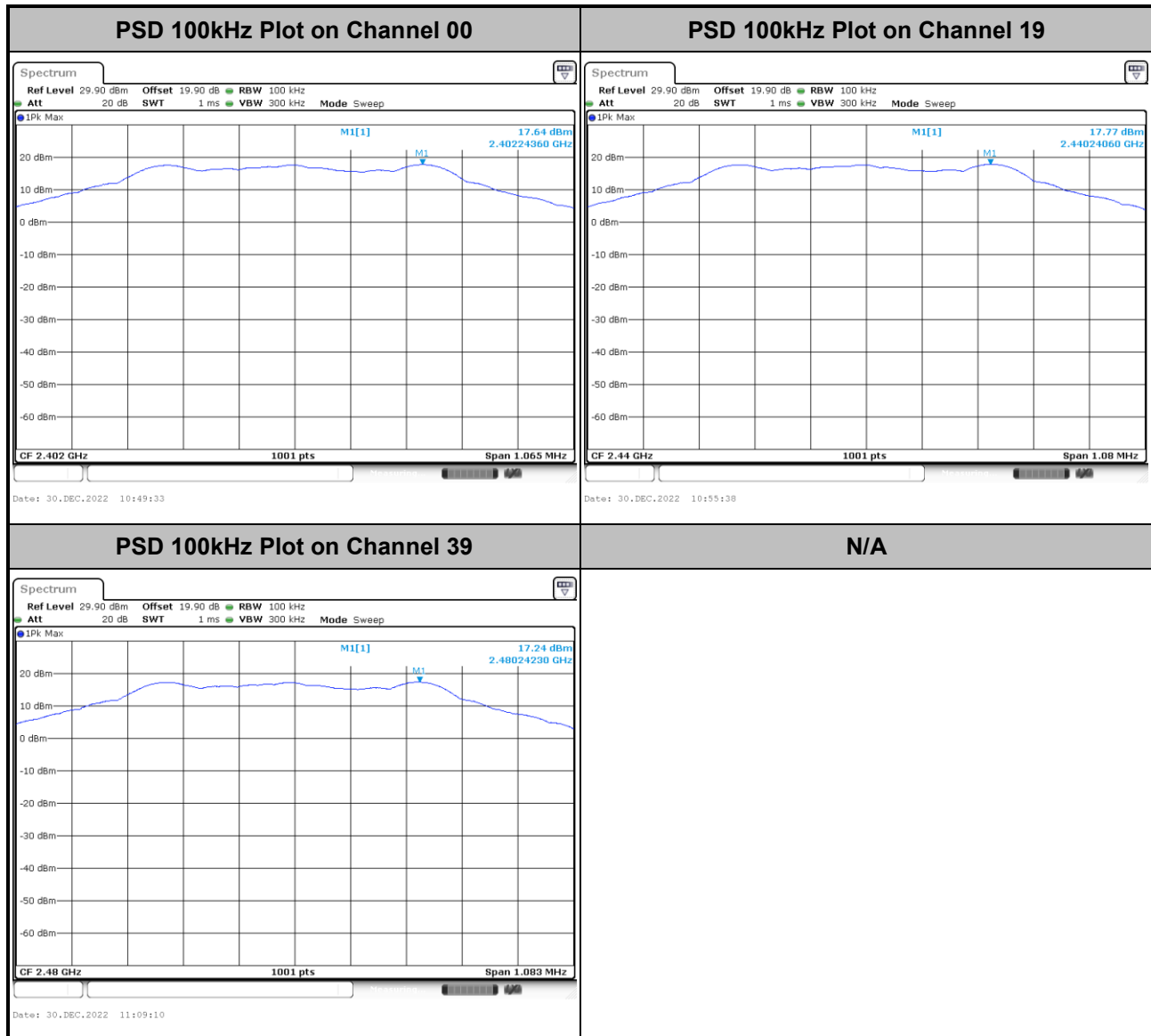
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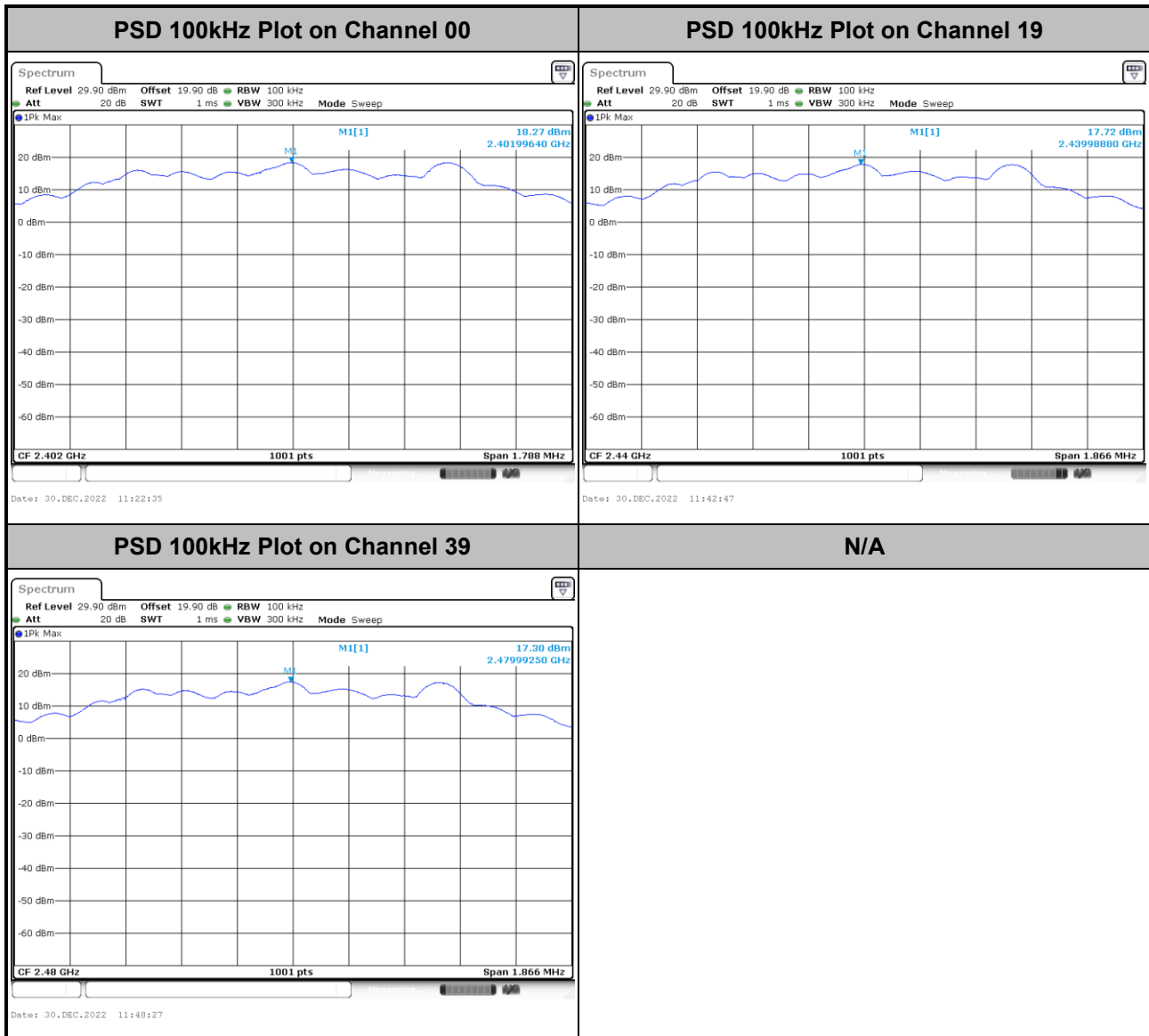
MIMO&lt;Ant.4&gt;

&lt;1Mbps&gt;





<2Mbps>

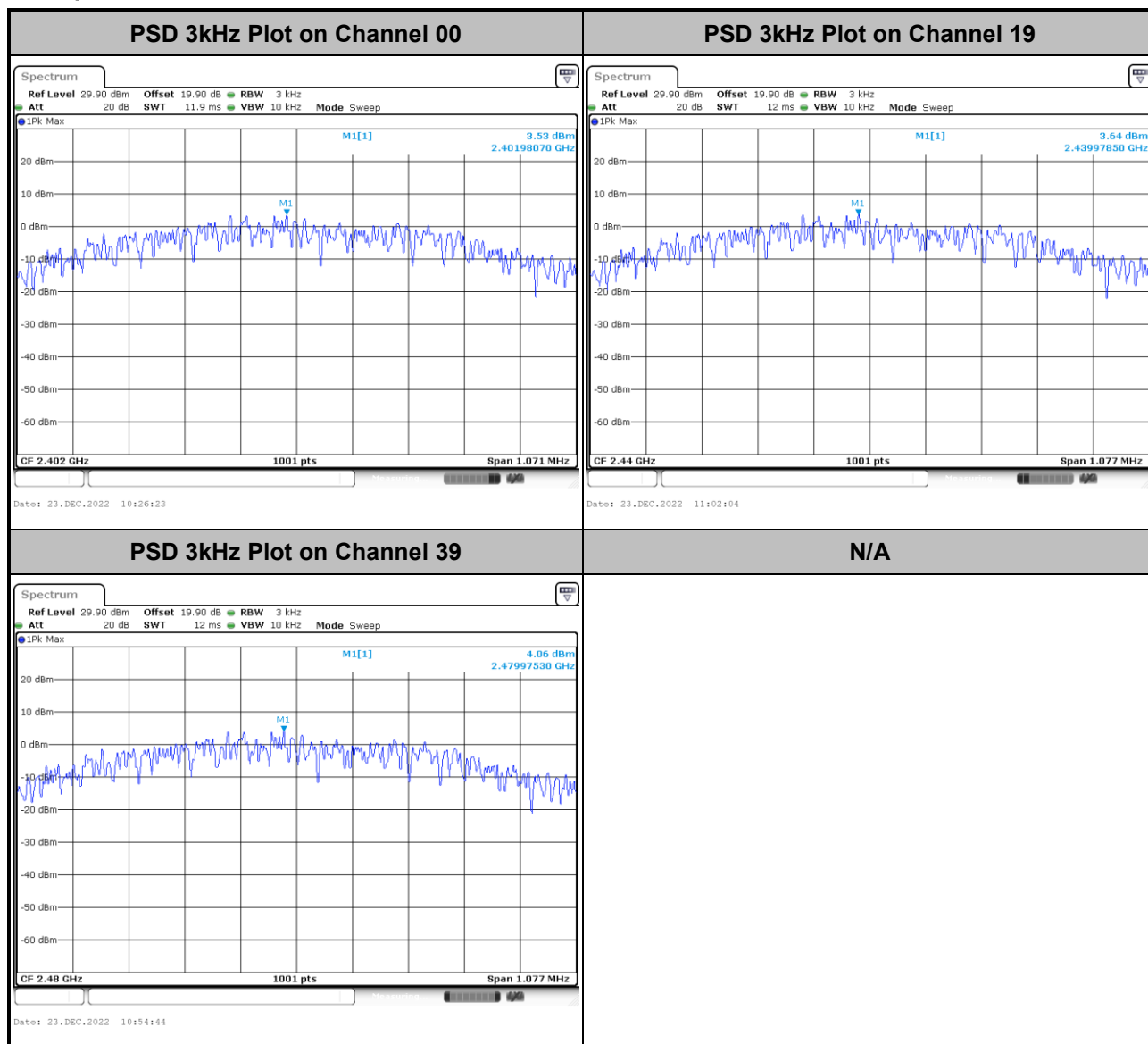




## 3.3.7 Test Result of Power Spectral Density Plots (3kHz)

&lt;Ant.3&gt;

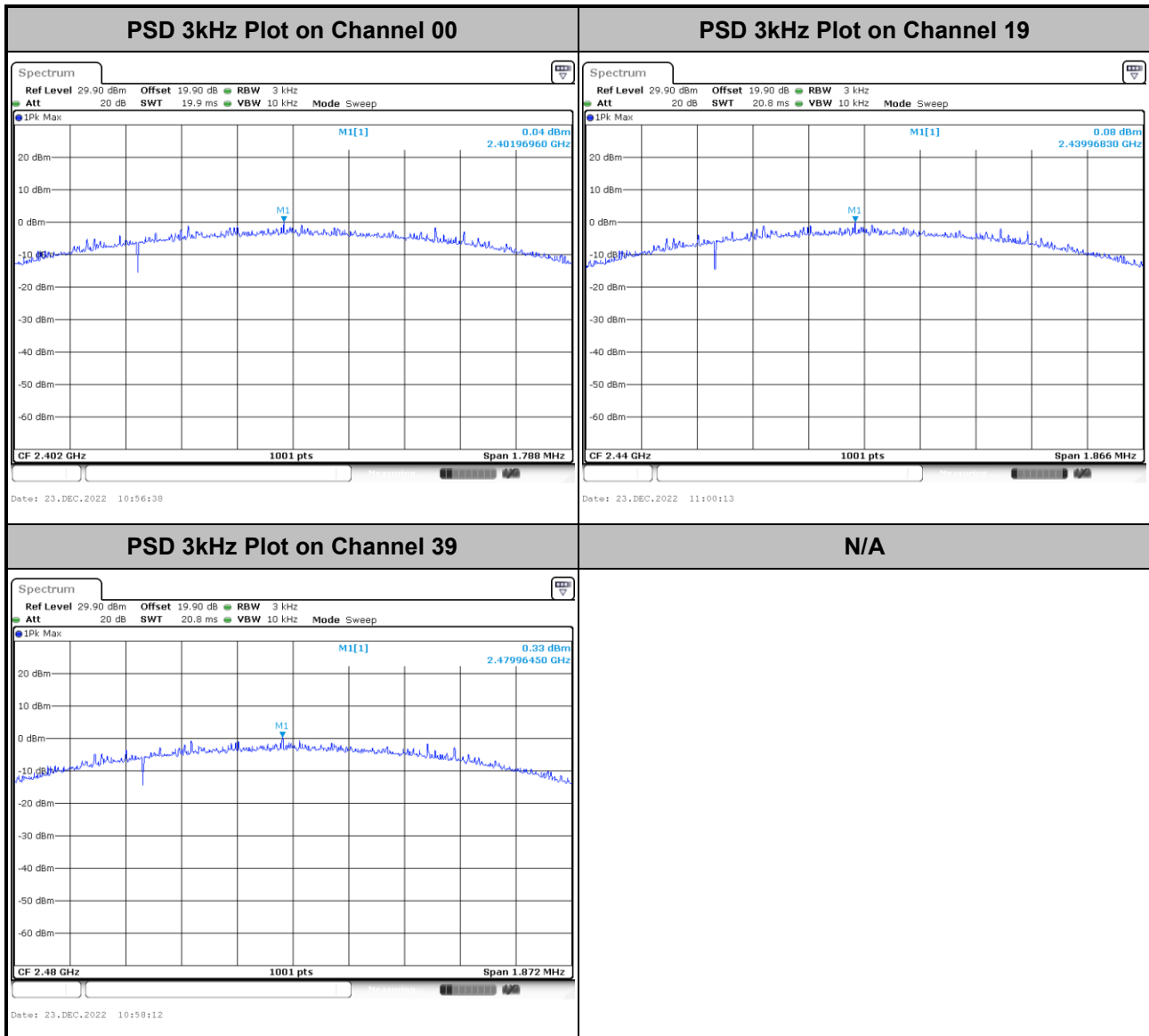
&lt;1Mbps&gt;







&lt;2Mbps&gt;

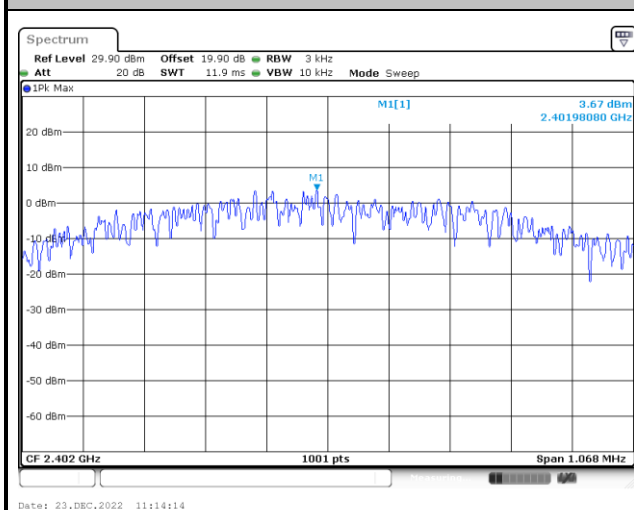




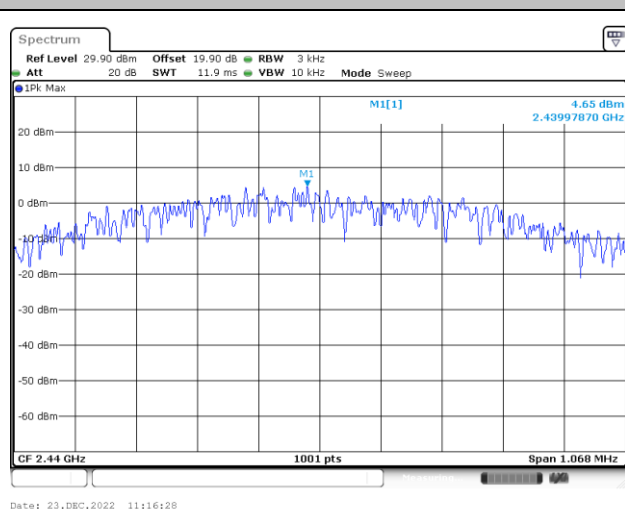
&lt;Ant.4&gt;

&lt;1Mbps&gt;

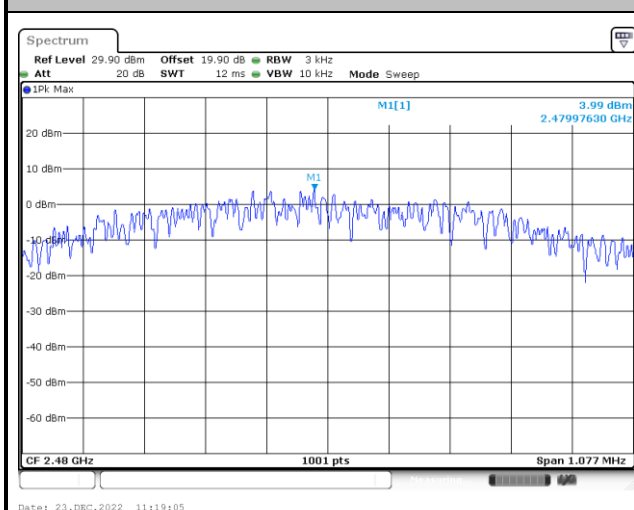
PSD 3kHz Plot on Channel 00



PSD 3kHz Plot on Channel 19



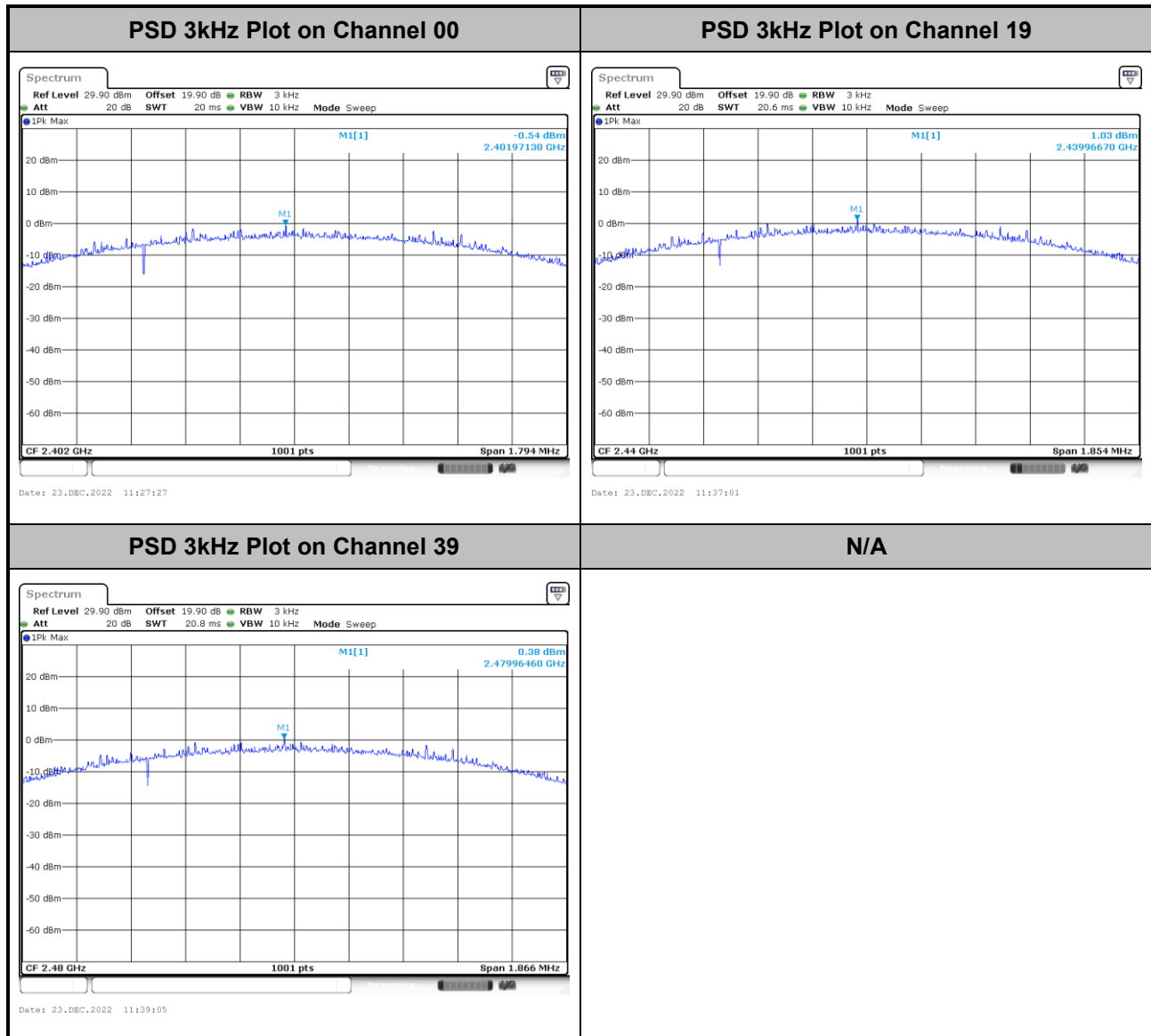
PSD 3kHz Plot on Channel 39



N/A



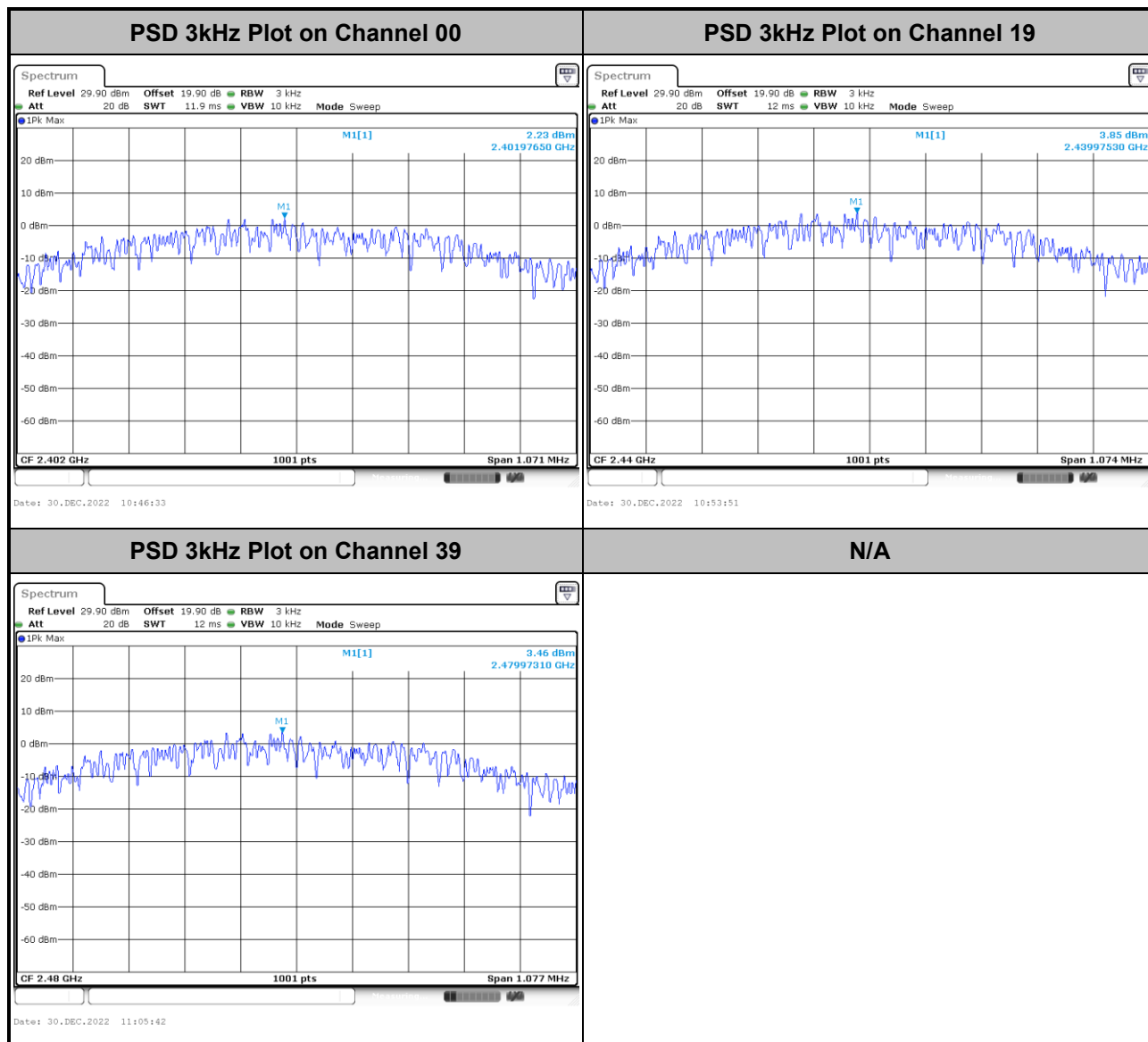
&lt;2Mbps&gt;





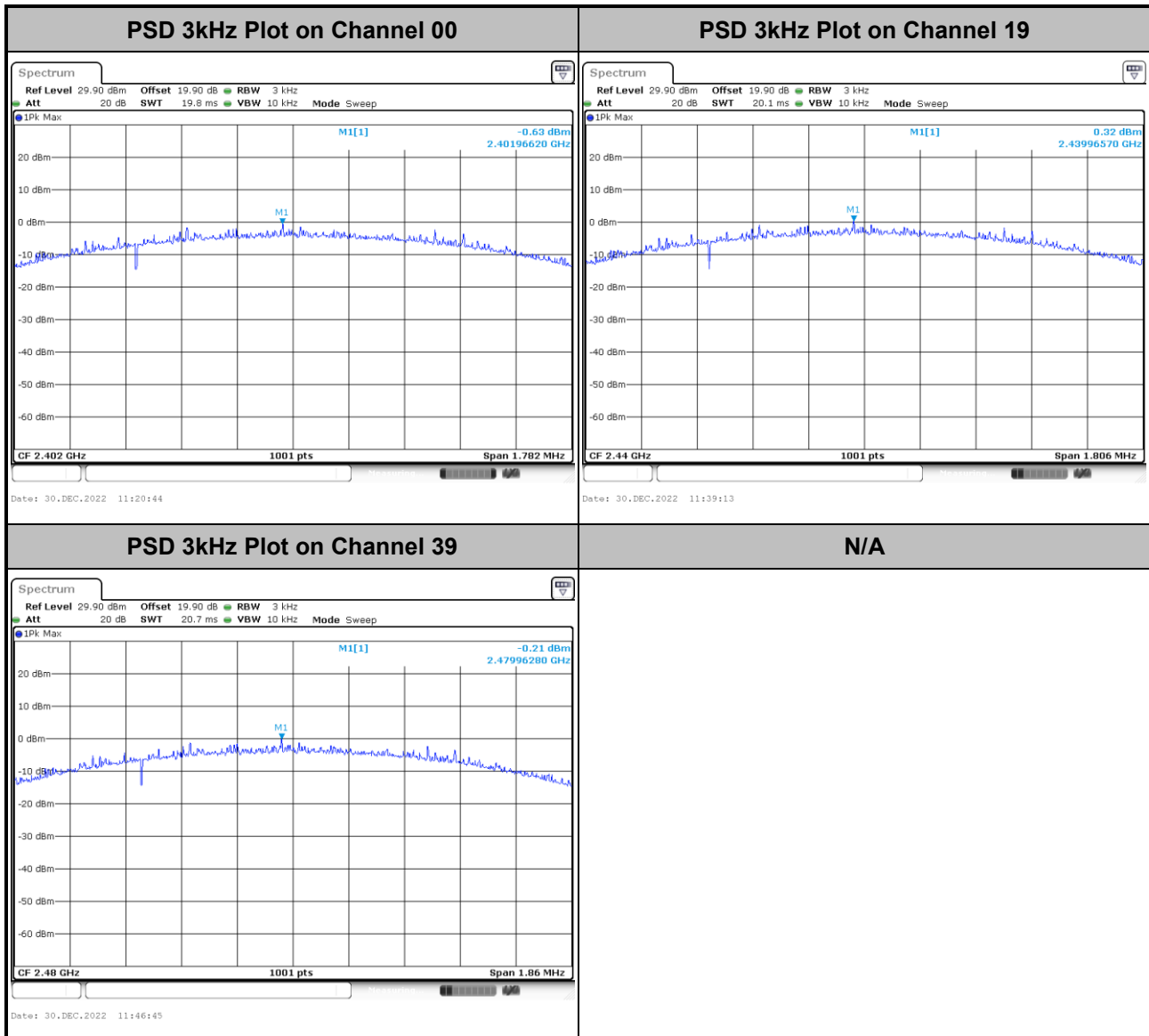
MIMO&lt;Ant.3&gt;

&lt;1Mbps&gt;





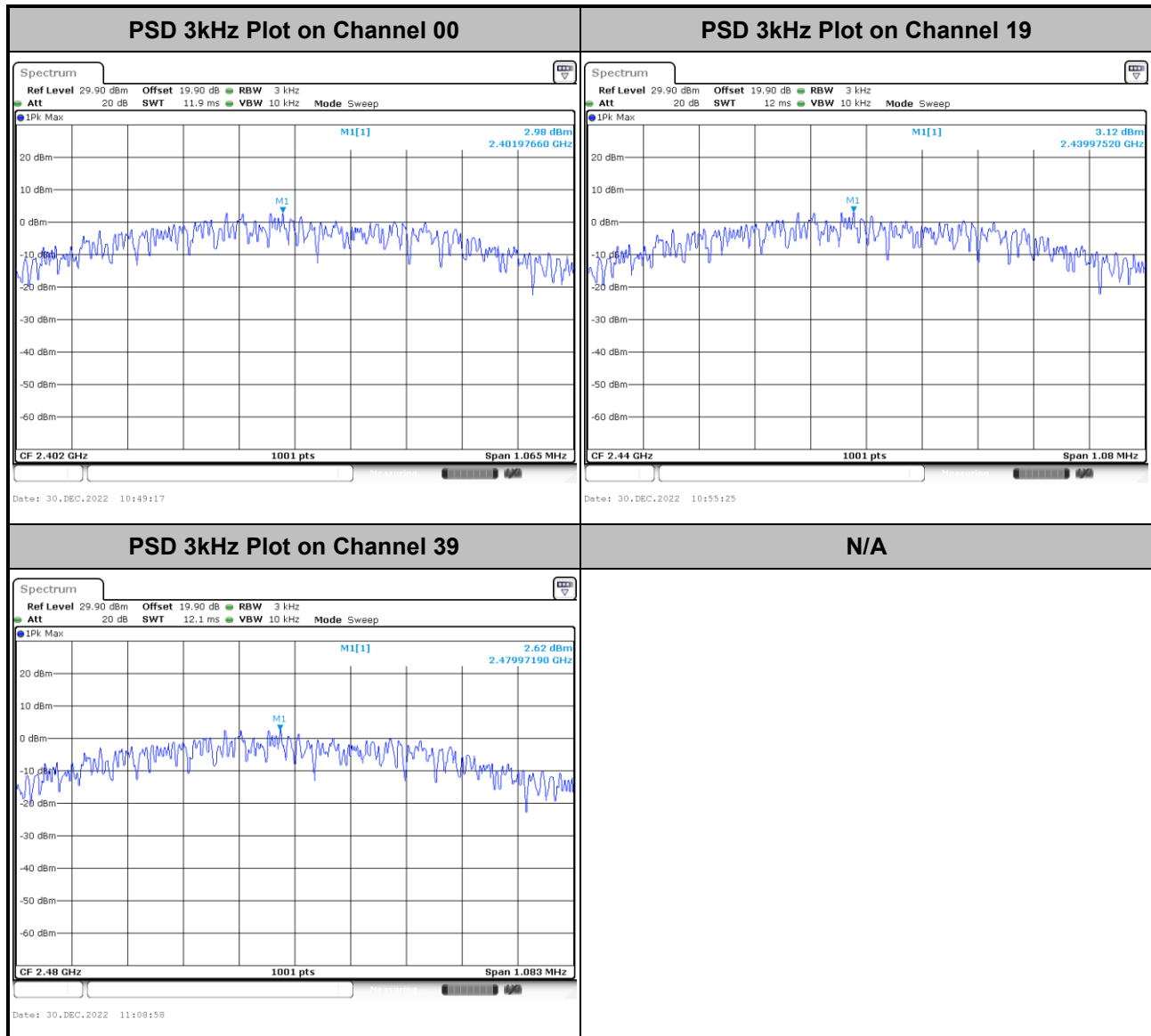
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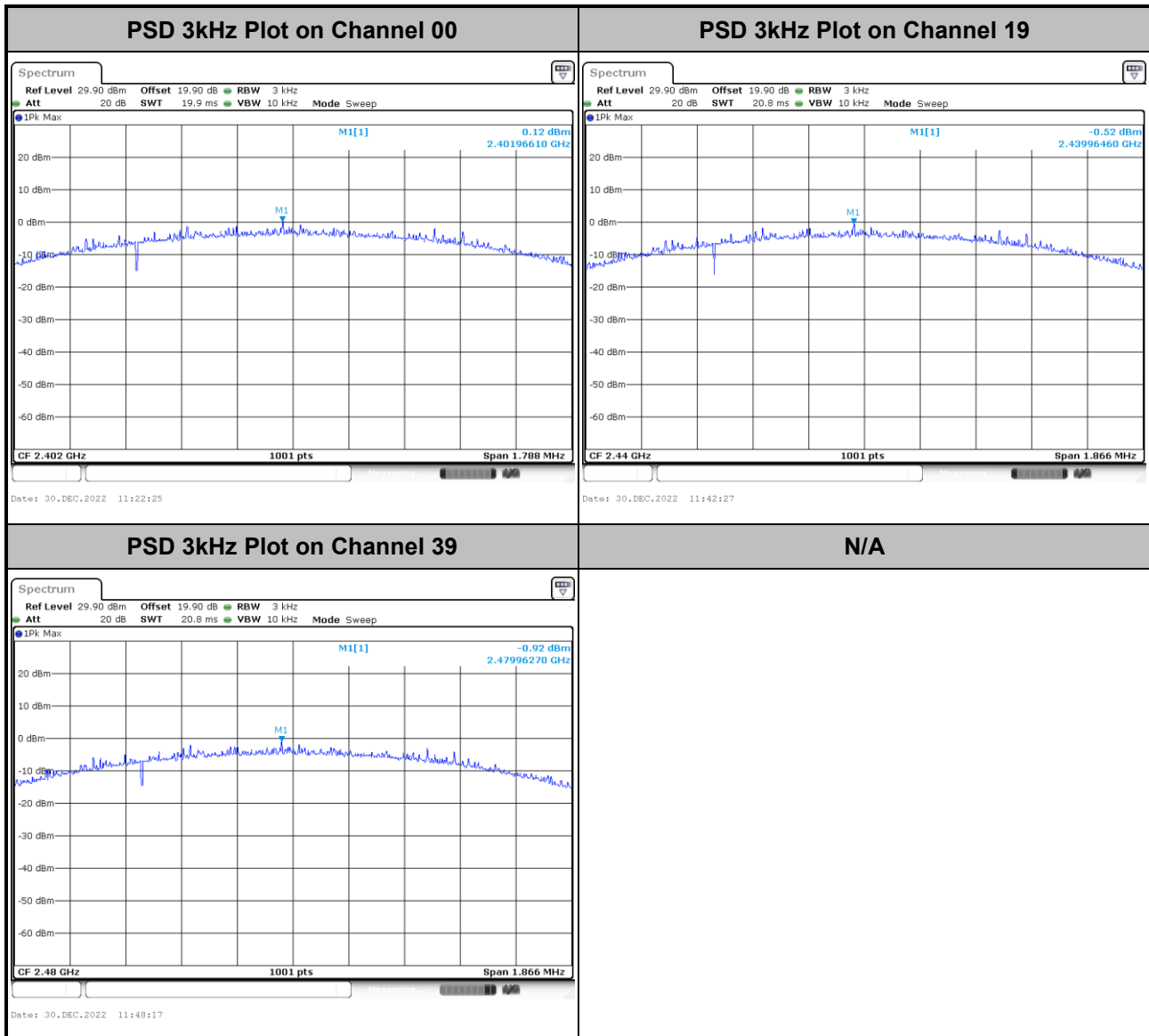
MIMO&lt;Ant.4&gt;

&lt;1Mbps&gt;





<2Mbps>



### 3.4 Conducted Band Edges and Spurious Emission Measurement

#### 3.4.1 Limit of Conducted Band Edges and Spurious Emission

All harmonics/spurious must be at least 30 dB down from the highest emission level within the authorized band.

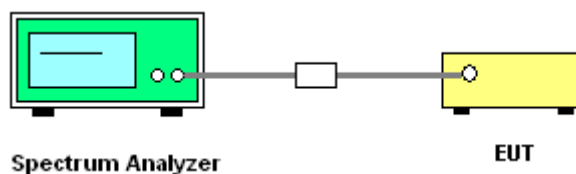
#### 3.4.2 Measuring Instruments

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

#### 3.4.3 Test Procedure

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

#### 3.4.4 Test Setup



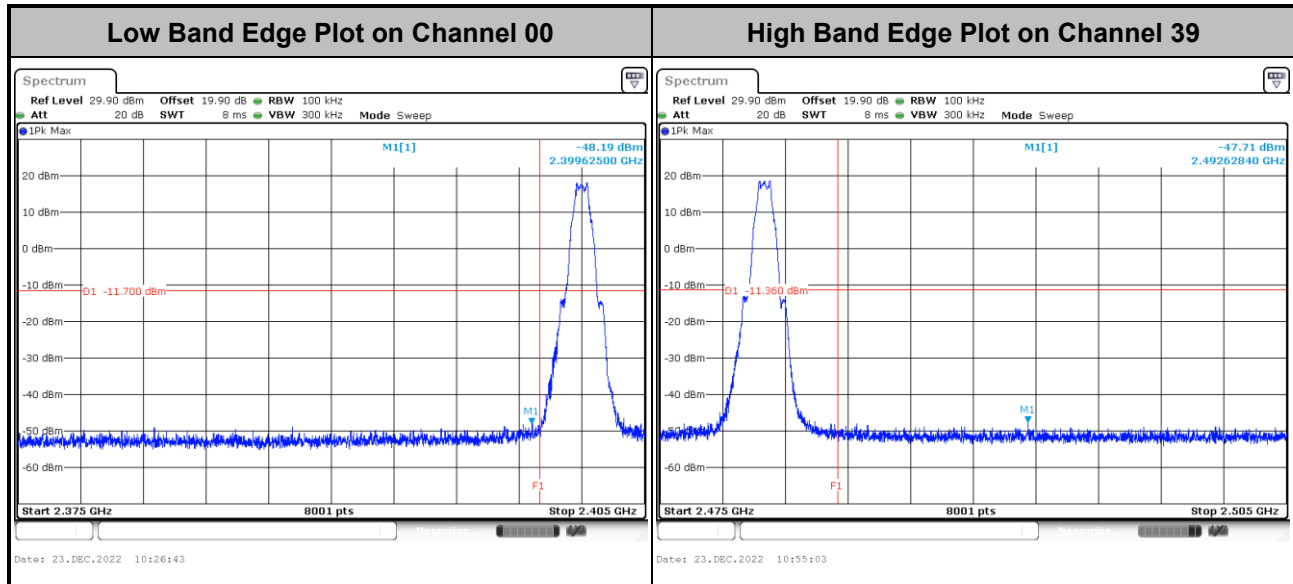




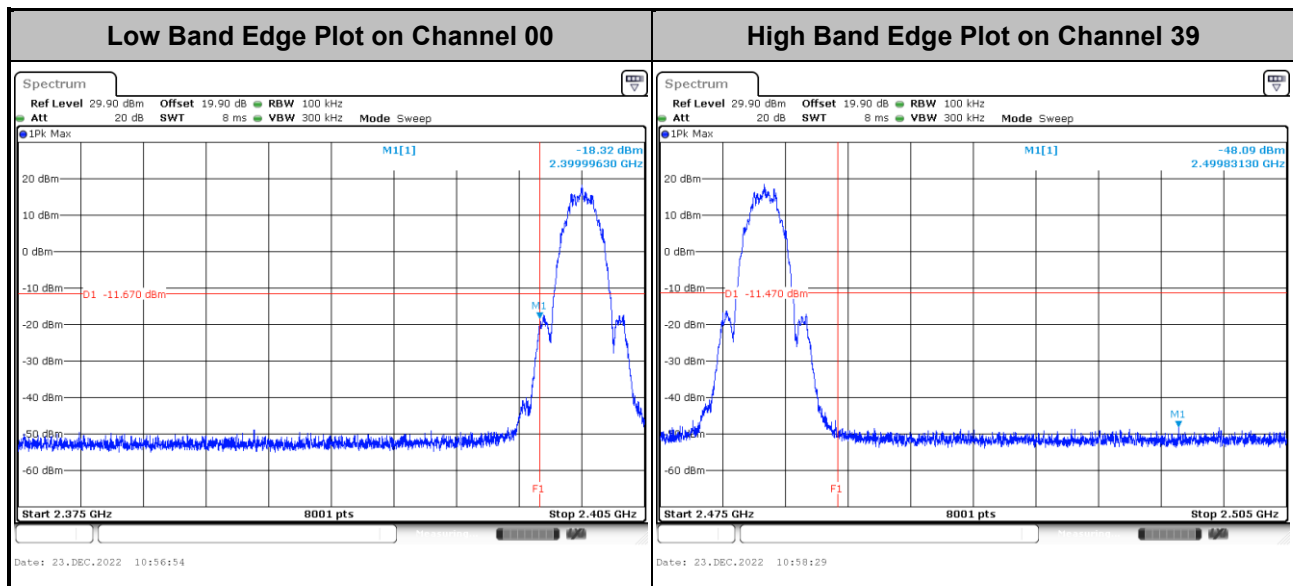
### 3.4.5 Test Result of Conducted Band Edges Plots

&lt;Ant.3&gt;

&lt;1Mbps&gt;



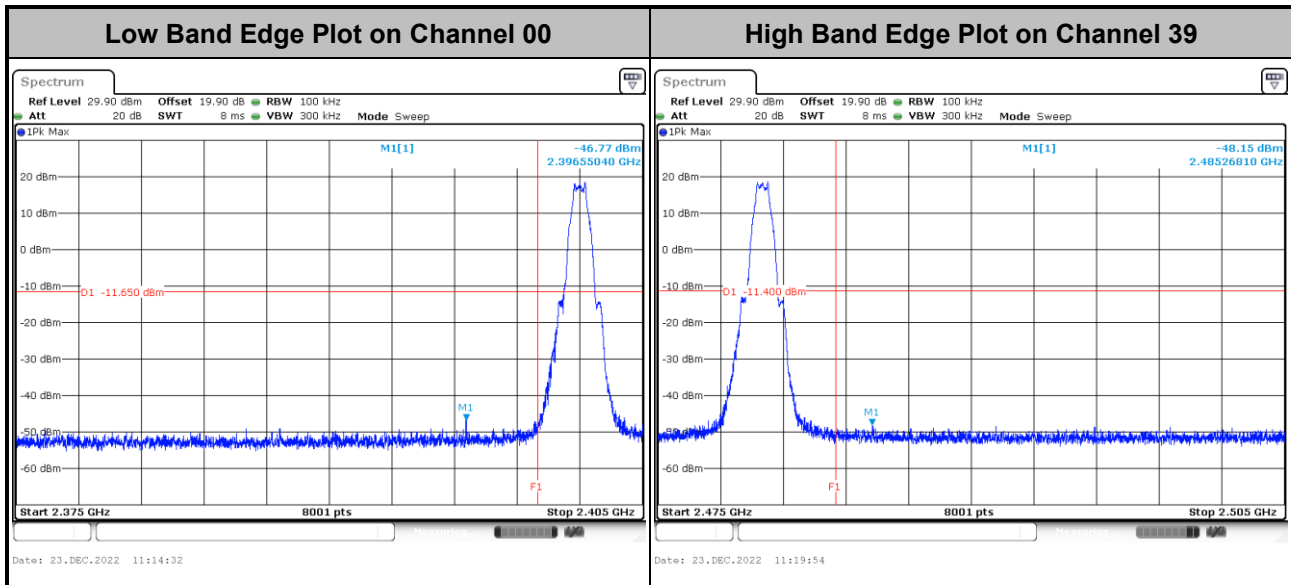
&lt;2Mbps&gt;



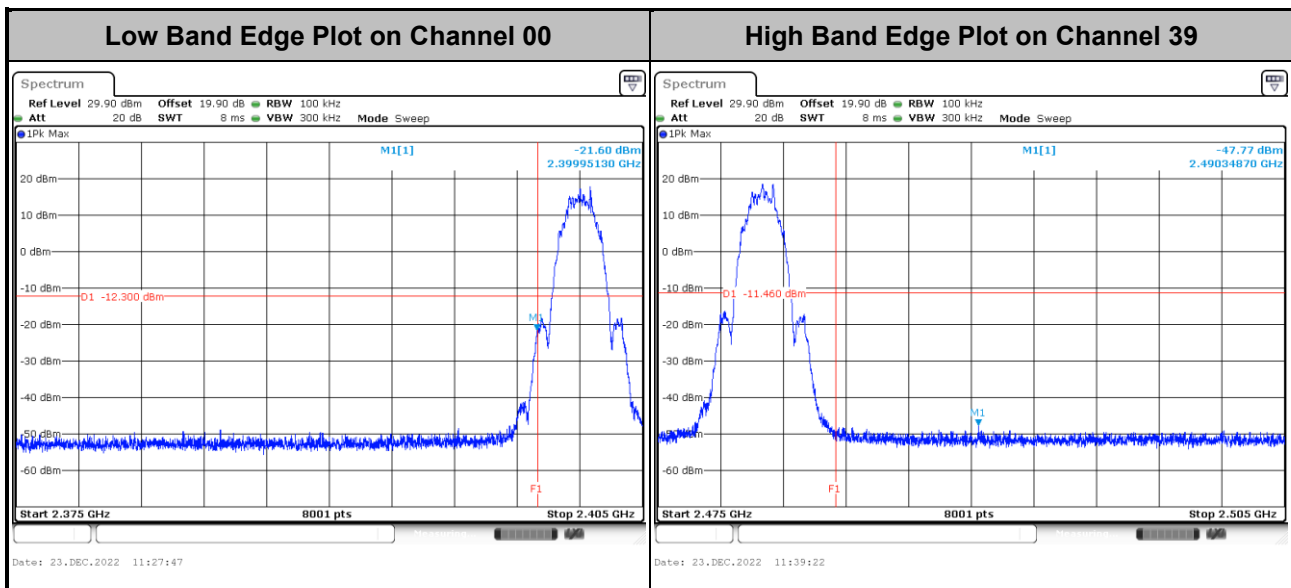


&lt;Ant.4&gt;

&lt;1Mbps&gt;



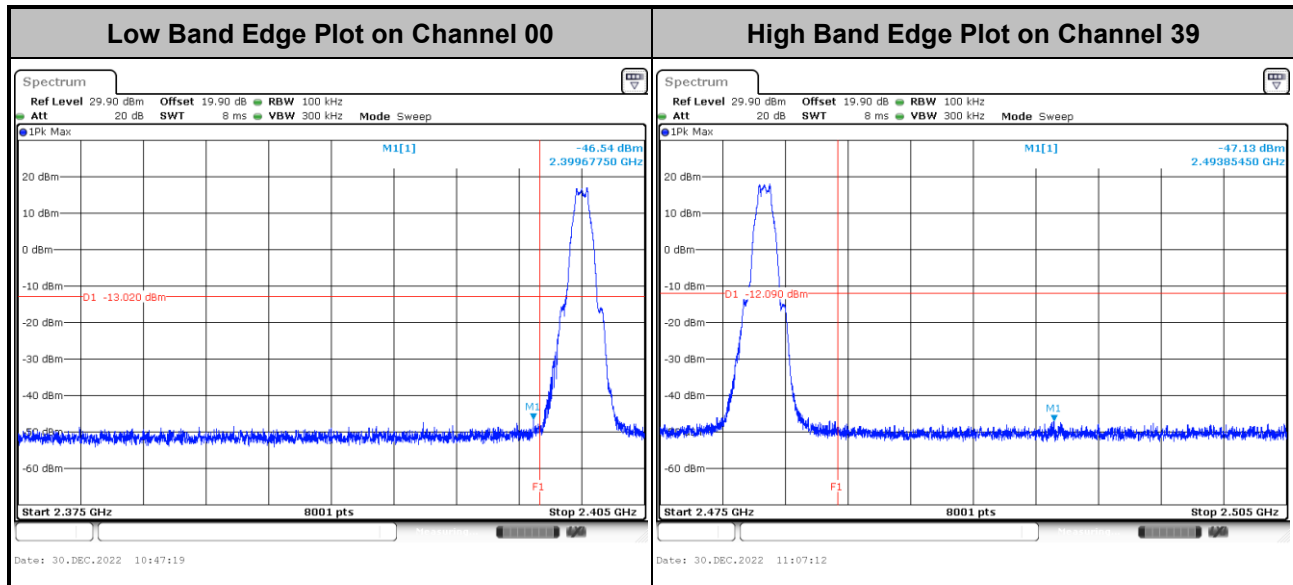
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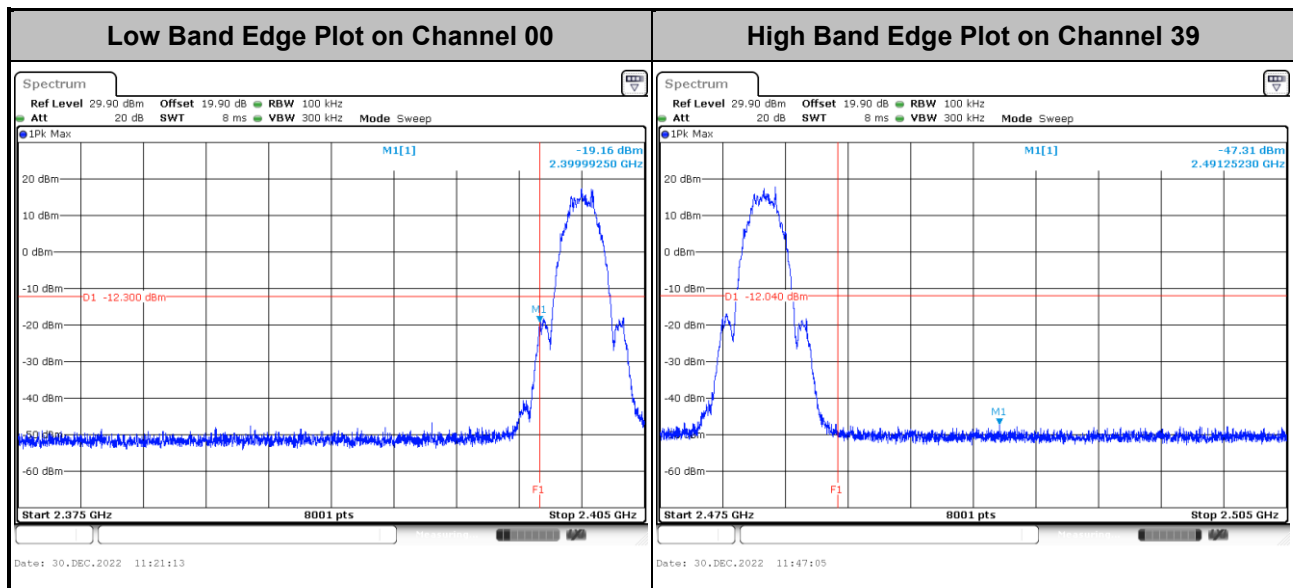


MIMO&lt;Ant.3&gt;

&lt;1Mbps&gt;



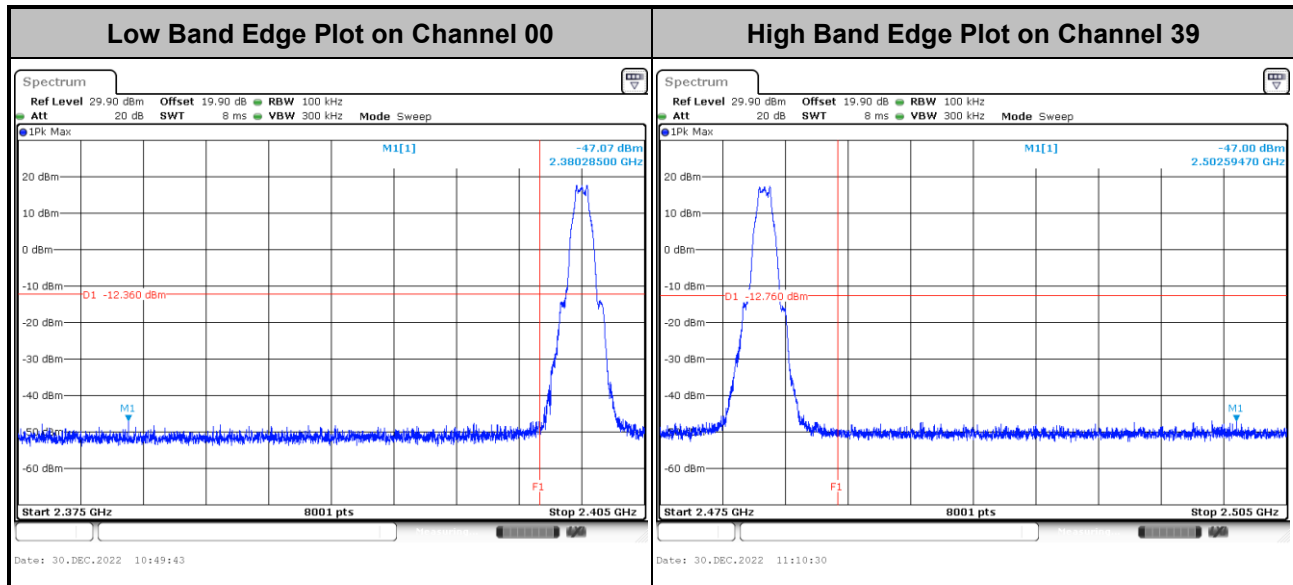
&lt;2Mbps&gt;



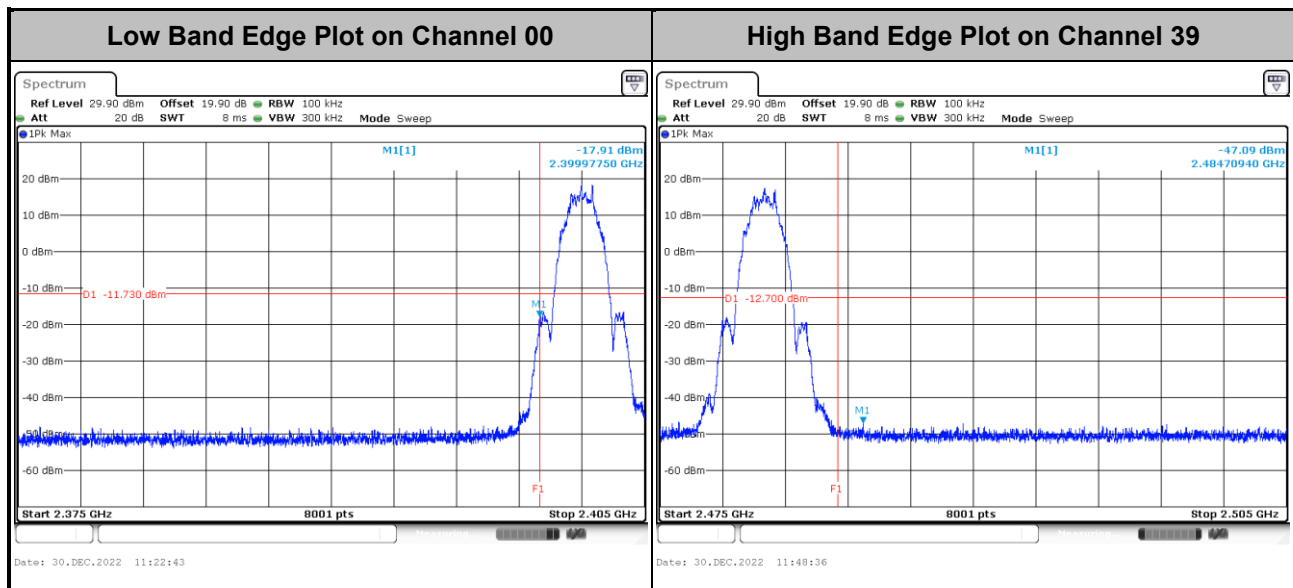


MIMO&lt;Ant.4&gt;

&lt;1Mbps&gt;



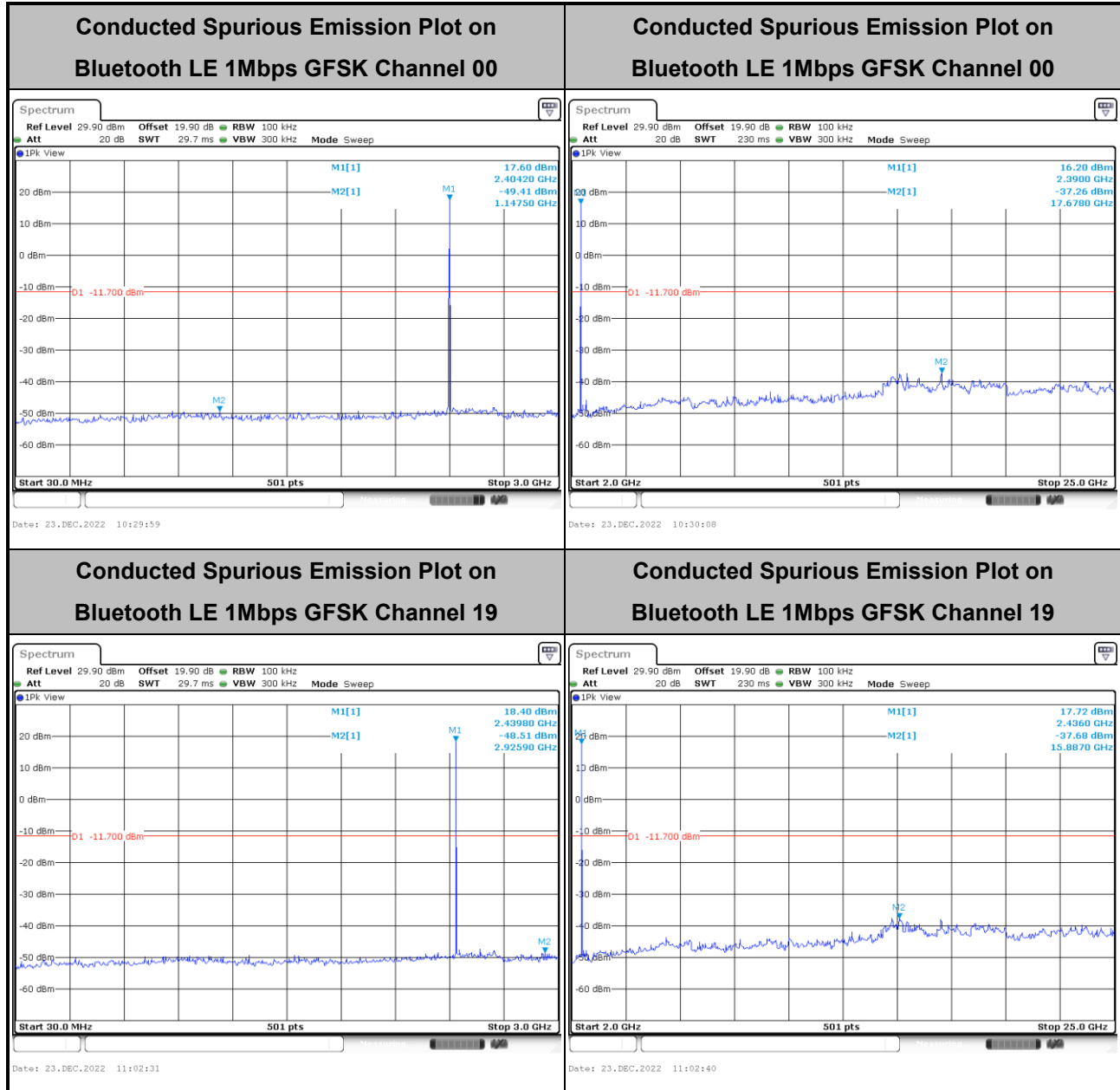
&lt;2Mbps&gt;

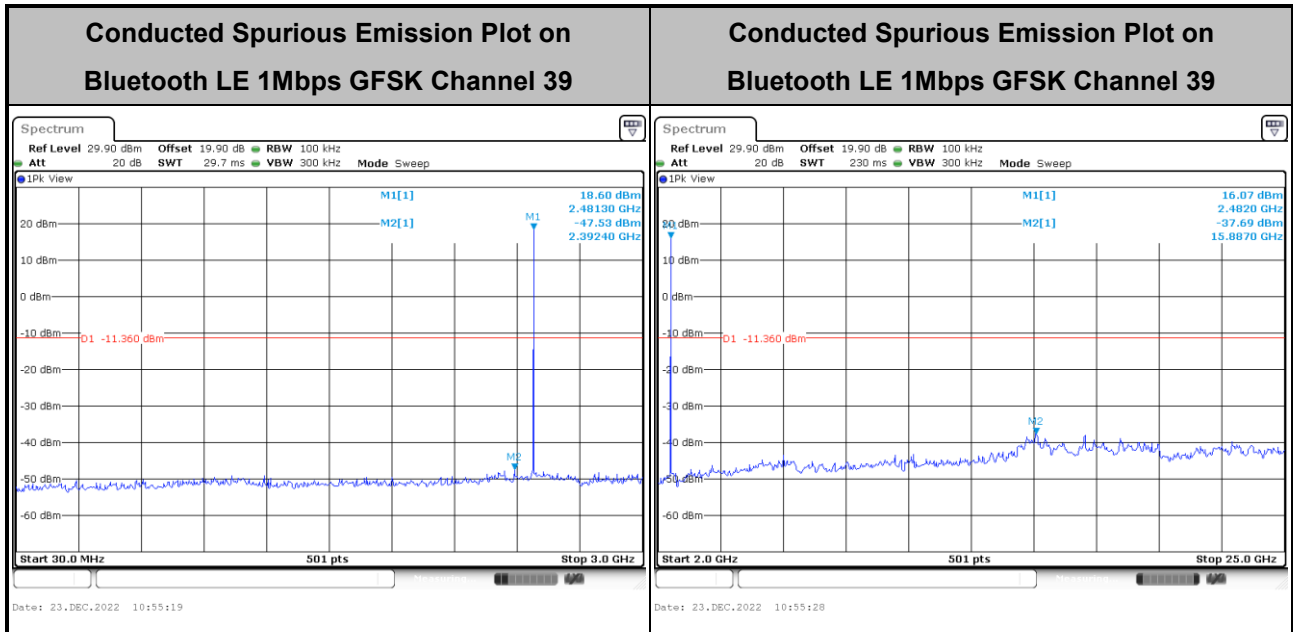


### 3.4.6 Test Result of Conducted Spurious Emission Plots

<Ant.3>

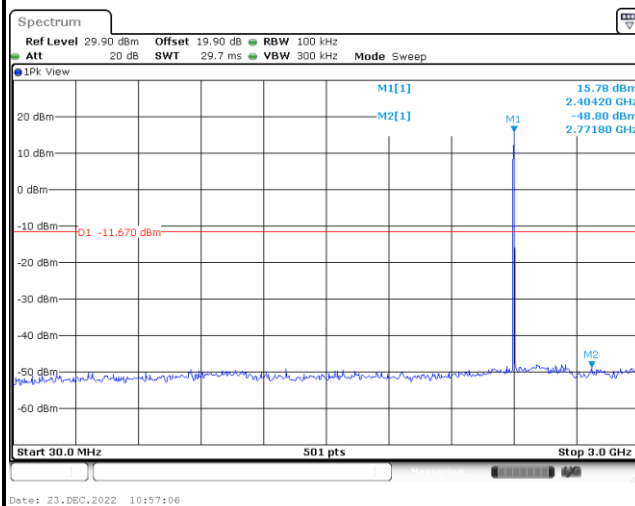
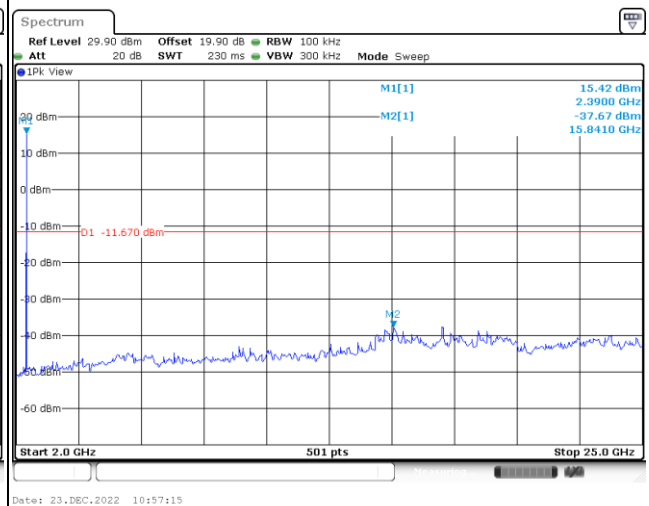
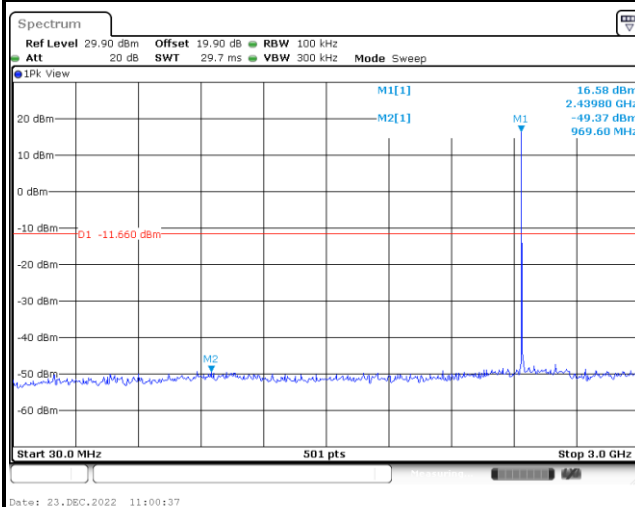
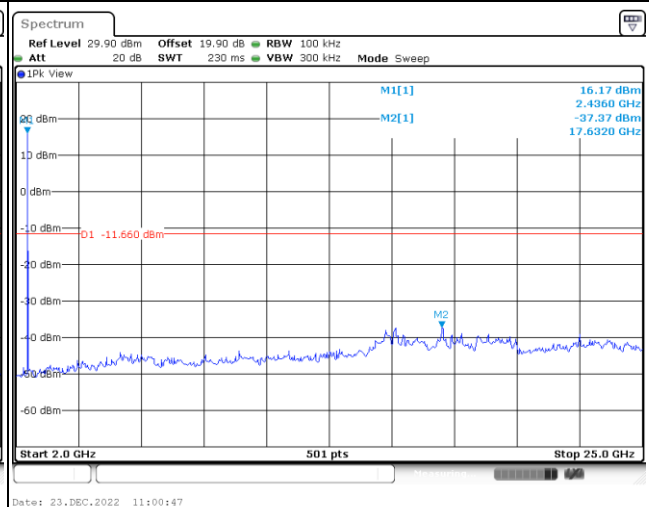
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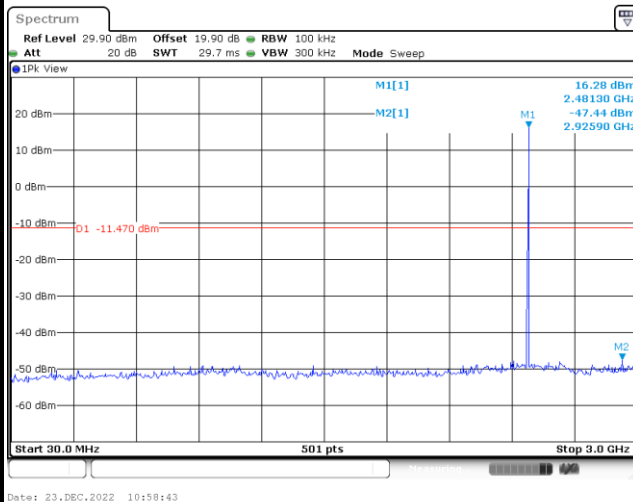


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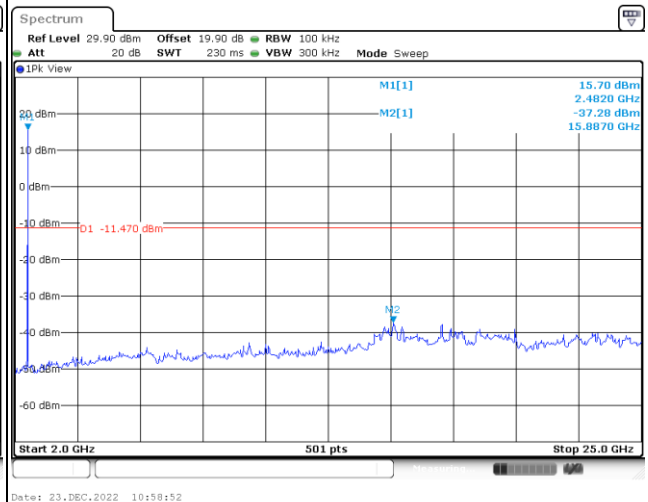
**Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 00****Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 00****Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 19****Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 19**



Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 39



Conducted Spurious Emission Plot on  
Bluetooth LE 2Mbps GFSK Channel 39

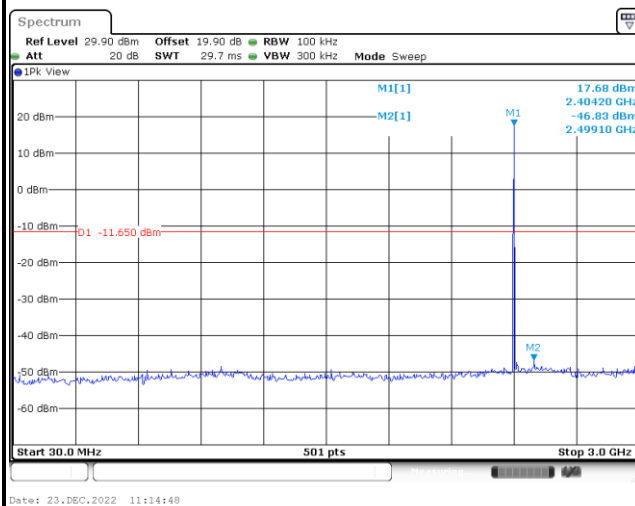
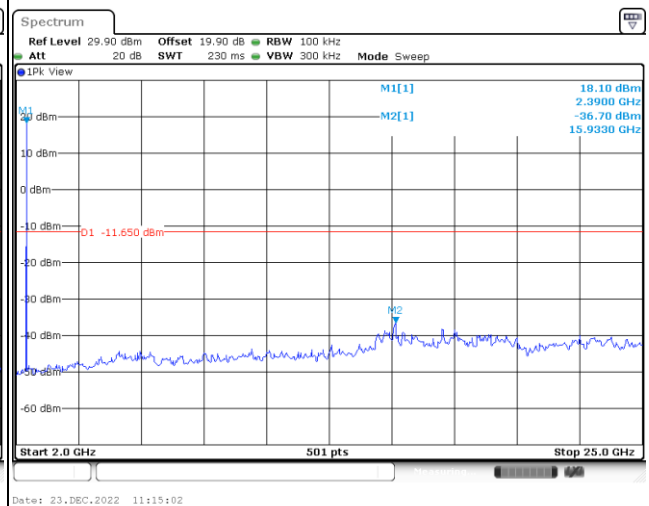
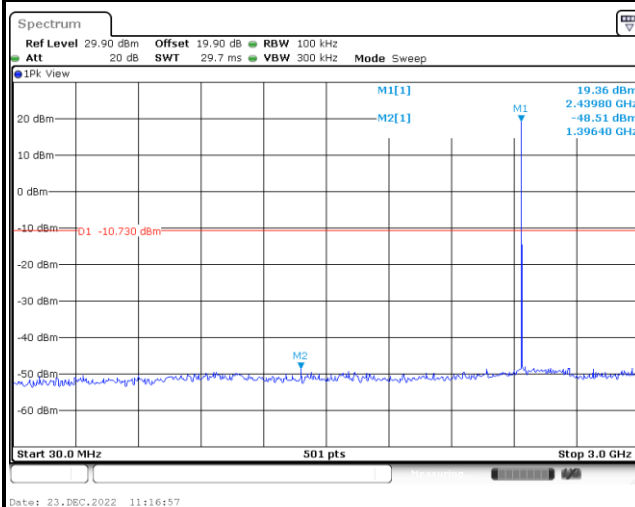






&lt;Ant.4&gt;

&lt;1Mbps&gt;

**Conducted Spurious Emission Plot on  
Bluetooth LE 1Mbps GFSK Channel 00****Conducted Spurious Emission Plot on  
Bluetooth LE 1Mbps GFSK Channel 00****Conducted Spurious Emission Plot on  
Bluetooth LE 1Mbps GFSK Channel 19****Conducted Spurious Emission Plot on  
Bluetooth LE 1Mbps GFSK Channel 19**