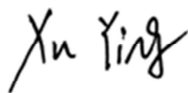


RF TEST REPORT

Applicant Murata Manufacturing Co., Ltd.
FCC ID VPYLBEE0ZZ2KU
Product WLAN + Bluetooth LE Module
Brand Murata
Model LBEE0ZZ2KU; LBEE0ZZ2JS
Report No. EFTA25010205-IE-04-R1
Issue Date May 16, 2025

Eurofins TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 15C (2024)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



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Summary of Measurement Results

Number	Test Case	Clause in FCC rules	Verdict
1	Maximum output power	15.247(b)(3)	PASS
2	99% Bandwidth and 6dB Bandwidth	15.247(a)(2) C63.10 6.9	PASS
3	Power spectral density	15.247(e)	PASS
4	Band Edge	15.247(d)	PASS
5	Spurious RF Conducted Emissions	15.247(d)	PASS
6	Unwanted Emissions	15.247(d), 15.205, 15.209	PASS
7	Conducted Emissions	15.207	PASS
Date of Testing: January 24, 2025 ~ April 23, 2025			
Date of Sample Received: January 24, 2025			
Note: All indications of Pass/Fail in this report are opinions expressed by Eurofins TA Technology (Shanghai) Co., Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only.			

1. Test Laboratory

1.1. Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **Eurofins TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

1.2. Test Facility

FCC (Designation number: CN1179, Test Firm Registration Number: 446626)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

1.3. Testing Location

Company: Eurofins TA Technology (Shanghai) Co., Ltd.
Address: Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China
City: Shanghai
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E-mail: Kain.Xu@cpt.eurofinscn.com

2. General Description of Equipment Under Test

2.1. Applicant and Manufacturer Information

Applicant	Murata Manufacturing Co., Ltd.
Applicant address	10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, Japan
Manufacturer	Murata Manufacturing Co., Ltd.
Manufacturer address	10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, Japan

2.2. General Information

EUT Description	
Model	LBEE0ZZ2KU; LBEE0ZZ2JS
Lab internal SN	EFTA25010205-IE-05/S01
Hardware Version	1.0
Software Version	0.2.4
Power Supply	External power supply
Antenna Type	PCB Antenna
Antenna Connector	A permanently attached antenna (meet with the standard FCC Part 15.203 requirement)
Antenna Gain	-0.7 dBi
Additional Beamforming Gain	NA
Operating Frequency Range(s)	802.11b/g/n(HT20)/ax(HE20): 2412 ~ 2462 MHz Bluetooth LE V5.4: 2402 ~2480 MHz
Modulation Type	802.11b: DSSS 802.11g/n: OFDM 802.11ax: OFDM 802.11ax RU: OFDMA Bluetooth LE: GFSK
Max. Output Power	Wi-Fi 2.4GHz: 27.93 dBm Bluetooth LE: 9.94 dBm
Operating voltage range	2.7Vdc to 3.6 Vdc
State voltage	3.3 Vdc
Note: 1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant. 2. The customer claims LBEE0ZZ2KU and LBEE0ZZ2KU share identical module electrical design and exact the same radio characteristics. The difference between them is adopting variants of the WLAN+ Bluetooth SoC BK7236. The SoC variants have the same characteristics	

except for the embedded memory sizes. LBEE0ZZ2KU adopts BK7236QH4050 including 4MB SiP Flash while LBEE0ZZ2JS adopts BK7236QH4068 with 8MB SiP Flash and 8MB SiP PSRAM.

3.This report only tests LBEE0ZZ2KU.

3. Applied Standards

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

Test standards:

FCC CFR47 Part 15C (2024) Radio Frequency Devices

ANSI C63.10-2013

Reference standard:

KDB 558074 D01 15.247 Meas Guidance v05r02

4. Test Configuration

Test Mode

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The radiated emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in lie-down position (Y axis) and the loop antenna is vertical, the others are vertical and horizontal. and the worst case was recorded.

In order to find the worst case condition, Pre-tests are needed at the presence of different data rate. Preliminary tests have been done on all the configuration for confirming worst case. Data rate below means worst-case rate of each test item.

Worst-case data rates are shown as following table.

Test Mode	Data Rate
Bluetooth(Low Energy)	1Mbps; 2Mbps
Bluetooth (Low Energy) (S=2)	500kbps
Bluetooth (Low Energy) (S=8)	125kbps
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11ax HE20	MCS0

5. Test Case Results

5.1. Maximum output power

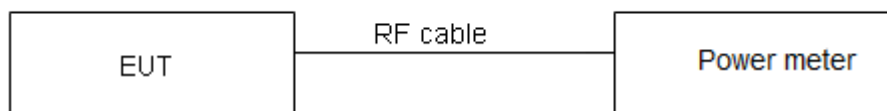
Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	20% ~ 80%

Methods of Measurement

During the process of the testing, The EUT was connected to Power meter with a known loss. The EUT is max power transmission with proper modulation.

Test Setup



Limits

Rule Part 15.247 (b) (3) specifies that " For systems using digital modulation in the 902–928 MHz, 2400–2483.5 MHz: 1 Watt."

Average Output Power	$\leq 1\text{W}$ (30dBm)
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Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 2$, $U = 0.44$ dB.

Test Results

Test Mode	Carrier frequency (MHz)/ Channel	Power Index	Peak Power Measured (dBm)	Limit (dBm)	Conclusion
802.11b	2412/CH 1	19	21.70	30	PASS
	2417/CH 2	21	23.36	30	PASS
	2437/CH 6	21	23.95	30	PASS
	2457/CH 10	21	23.89	30	PASS
	2462/CH11	19	22.06	30	PASS
802.11g	2412/CH 1	16	25.27	30	PASS
	2417/CH 2	19	27.31	30	PASS
	2437/CH 6	19	27.21	30	PASS
	2457/CH 10	19	27.42	30	PASS
	2462/CH11	16	25.15	30	PASS
802.11n HT20	2412/CH 1	15	24.55	30	PASS
	2417/CH 2	19	27.29	30	PASS
	2437/CH 6	19	27.21	30	PASS
	2457/CH 10	19	27.39	30	PASS
	2462/CH11	15	24.32	30	PASS
802.11ax HE20	2412/CH 1	15	24.73	30	PASS
	2417/CH 2	19	27.87	30	PASS
	2437/CH 6	19	27.75	30	PASS
	2457/CH 10	19	27.50	30	PASS
	2462/CH11	15	24.74	30	PASS

RU Mode

Test Mode	Carrier frequency (MHz)/ Channel	Power Index	Peak Power Measured (dBm)	Limit (dBm)	Conclusion
802.11ax HE20 26Tone	2412/CH 1	13	23.24	30	PASS
	2417/CH 2	18	27.34	30	PASS
	2437/CH 6	18	27.93	30	PASS
	2457/CH 10	18	27.40	30	PASS
	2462/CH11	16	25.79	30	PASS
802.11ax HE20 52Tone	2412/CH 1	15.5	25.74	30	PASS
	2417/CH 2	18	27.27	30	PASS
	2437/CH 6	18	27.48	30	PASS
	2462/CH11	17.5	27.11	30	PASS
802.11ax HE20 106Tone	2412/CH 1	16.5	26.58	30	PASS
	2417/CH 2	18	27.63	30	PASS
	2437/CH 6	18	27.78	30	PASS
	2462/CH11	17.5	27.53	30	PASS
802.11ax HE20 242Tone	2412/CH 1	16.5	26.16	30	PASS
	2417/CH 2	18	27.19	30	PASS
	2437/CH 6	18	27.02	30	PASS
	2462/CH11	17	26.44	30	PASS

Test Mode	Duty cycle	Duty cycle correction Factor (dB)
Bluetooth LE (1M)	0.642	1.923
Bluetooth LE (2M)	0.336	4.737
Bluetooth LE (S=2)	0.570	2.442
Bluetooth LE (S=8)	0.827	0.824
Note: when Duty cycle ≥ 0.98 , Duty cycle correction Factor not required.		

Test Mode	Carrier frequency (MHz)/ Channel	Power Index	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Limit (dBm)	Conclusion
Bluetooth (Low Energy) (1M)	2402/CH0	48	8.00	9.92	30	PASS
	2440/CH19	44	7.83	9.75	30	PASS
	2480/CH39	44	7.85	9.77	30	PASS
Bluetooth (Low Energy) (2M)	2402/CH0	48	5.13	9.86	30	PASS
	2440/CH19	45	5.20	9.94	30	PASS
	2480/CH39	45	5.11	9.85	30	PASS
Bluetooth (Low Energy) (S=2)	2402/CH0	48	7.44	9.88	30	PASS
	2440/CH19	44	7.52	9.88	30	PASS
	2480/CH39	45	7.42	9.88	30	PASS
Bluetooth (Low Energy) (S=8)	2402/CH0	48	8.97	9.79	30	PASS
	2440/CH19	45	8.98	9.80	30	PASS
	2480/CH39	45	8.83	9.65	30	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor						

5.2. 99% Bandwidth and 6dB Bandwidth

Ambient Condition

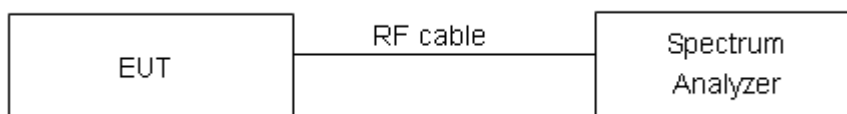
Temperature	Relative humidity
15°C ~ 35°C	20% ~ 80%

Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable. RBW is set to 100 kHz; VBW is set to 300 kHz on spectrum analyzer.
Dector=Peak, Trace mode=max hold.

The EUT was connected to the spectrum analyzer through a known loss cable. The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value.

Test Setup



Limits

Rule Part 15.247 (a) (2) specifies that “Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.”

minimum 6 dB bandwidth	≥ 500 kHz
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Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 2$, $U = 936$ Hz.

Test Results:

Test Mode	Carrier frequency (MHz)/ Channel	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11b	2412/CH 1	13.760	9.068	500	PASS
	2417/CH 2	13.936	8.567	500	PASS
	2437/CH 6	14.001	8.550	500	PASS
	2457/CH 10	13.874	8.094	500	PASS
	2462/CH11	13.655	9.060	500	PASS
802.11g	2412/CH 1	17.584	15.792	500	PASS
	2417/CH 2	19.170	15.685	500	PASS
	2437/CH 6	19.060	16.045	500	PASS
	2457/CH 10	19.192	15.142	500	PASS
	2462/CH11	17.400	16.027	500	PASS
802.11n HT20	2412/CH 1	18.502	18.088	500	PASS
	2417/CH 2	19.379	12.512	500	PASS
	2437/CH 6	19.279	15.032	500	PASS
	2457/CH 10	18.802	16.638	500	PASS
	2462/CH11	18.433	14.147	500	PASS
802.11ax HE20	2412/CH 1	18.986	17.938	500	PASS
	2417/CH 2	19.496	17.907	500	PASS
	2437/CH 6	19.316	17.298	500	PASS
	2457/CH 10	19.322	18.127	500	PASS
	2462/CH11	18.966	18.353	500	PASS

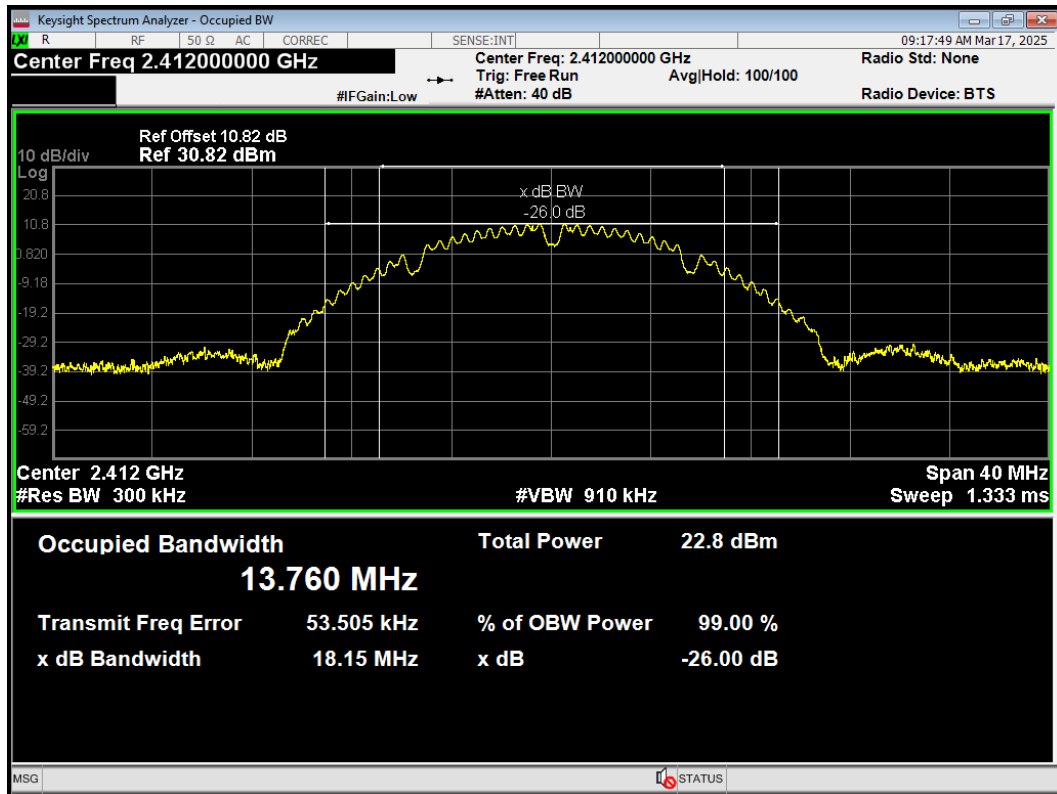
RU Mode

Test Mode	Carrier frequency (MHz)/ Channel	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11ax HE20 26Tone	2412/CH 1	18.111	13.233	500	PASS
	2417/CH 2	18.417	15.738	500	PASS
	2437/CH 6	16.740	6.347	500	PASS
	2457/CH 10	18.376	15.701	500	PASS
	2462/CH11	18.310	13.302	500	PASS
802.11ax HE20 52Tone	2412/CH 1	18.200	16.963	500	PASS
	2417/CH 2	18.288	16.998	500	PASS
	2437/CH 6	16.761	11.341	500	PASS
	2462/CH11	17.993	16.999	500	PASS
802.11ax HE20 106Tone	2412/CH 1	18.023	16.963	500	PASS
	2417/CH 2	18.168	17.020	500	PASS
	2437/CH 6	17.636	17.006	500	PASS
	2462/CH11	18.153	17.057	500	PASS
802.11ax HE20 242Tone	2412/CH 1	19.136	17.632	500	PASS
	2417/CH 2	19.355	16.722	500	PASS
	2437/CH 6	19.301	17.474	500	PASS
	2462/CH11	19.171	17.658	500	PASS

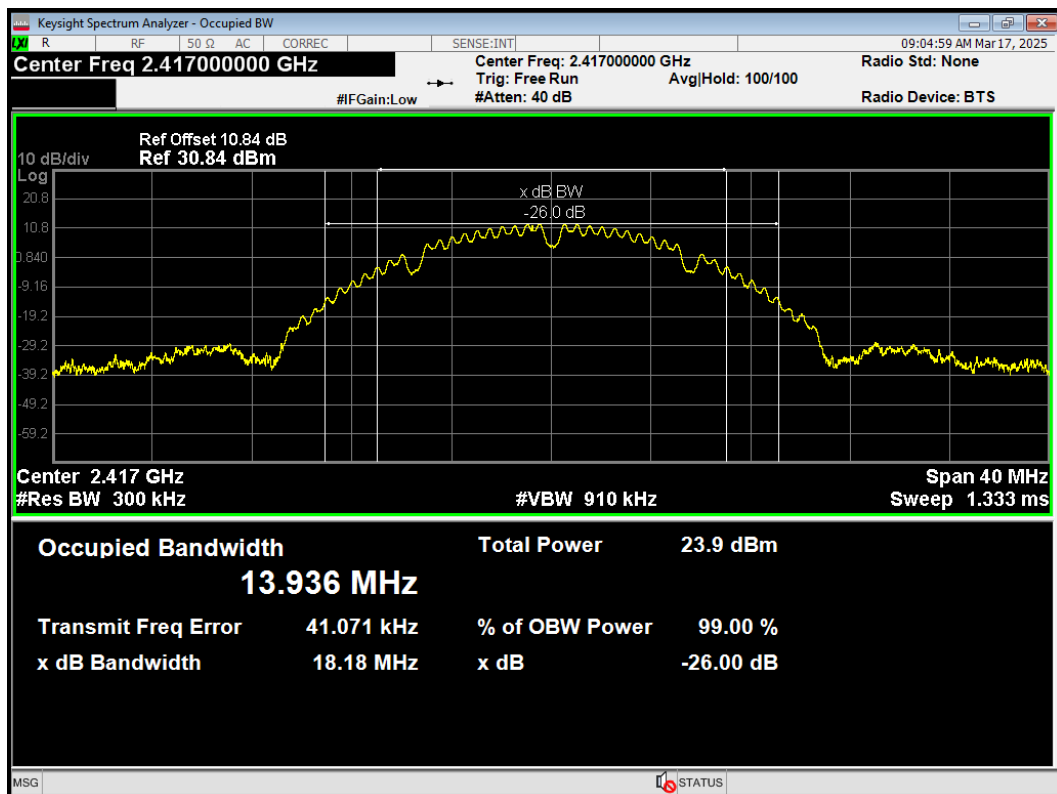
Test Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
Bluetooth (Low Energy) (1M)	2402	1.026	0.683	500	PASS
	2440	1.026	0.672	500	PASS
	2480	1.024	0.674	500	PASS
Bluetooth (Low Energy) (2M)	2402	2.047	1.126	500	PASS
	2440	2.048	1.210	500	PASS
	2480	2.043	1.165	500	PASS
Bluetooth (Low Energy) (S=2)	2402	1.015	0.652	500	PASS
	2440	1.008	0.635	500	PASS
	2480	1.012	0.632	500	PASS
Bluetooth (Low Energy) (S=8)	2402	1.038	0.633	500	PASS
	2440	1.038	0.667	500	PASS
	2480	1.040	0.632	500	PASS

99%bandwidth

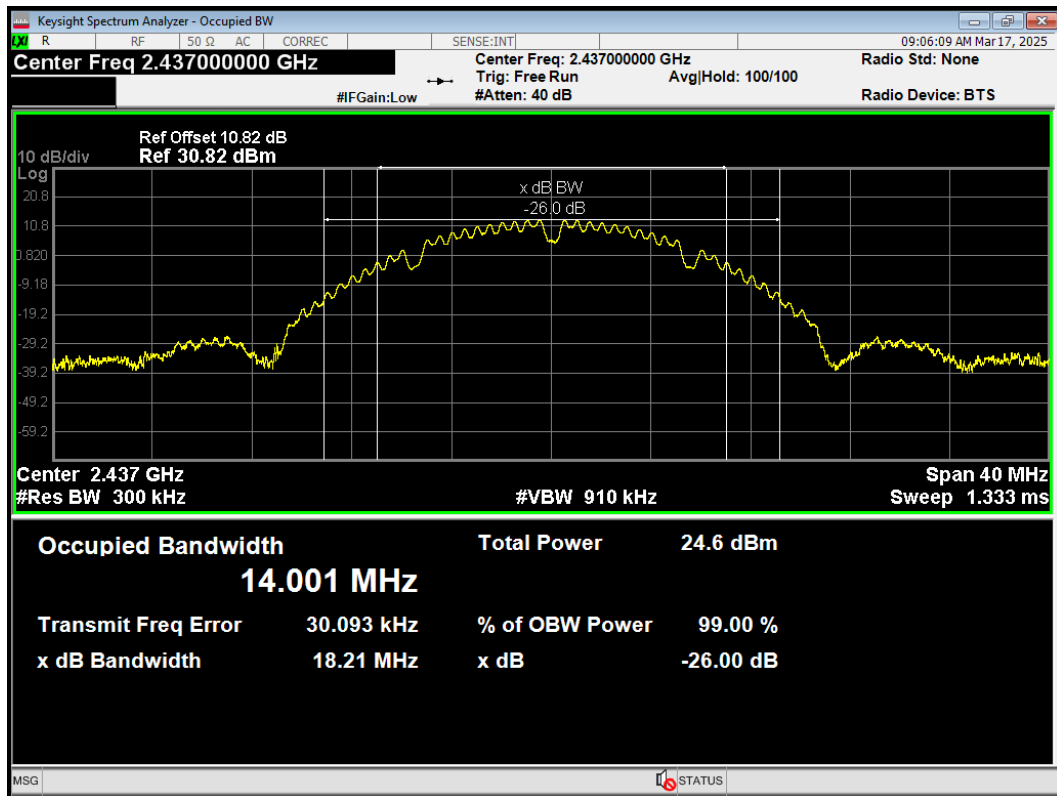
OBW 802.11b 2412MHz



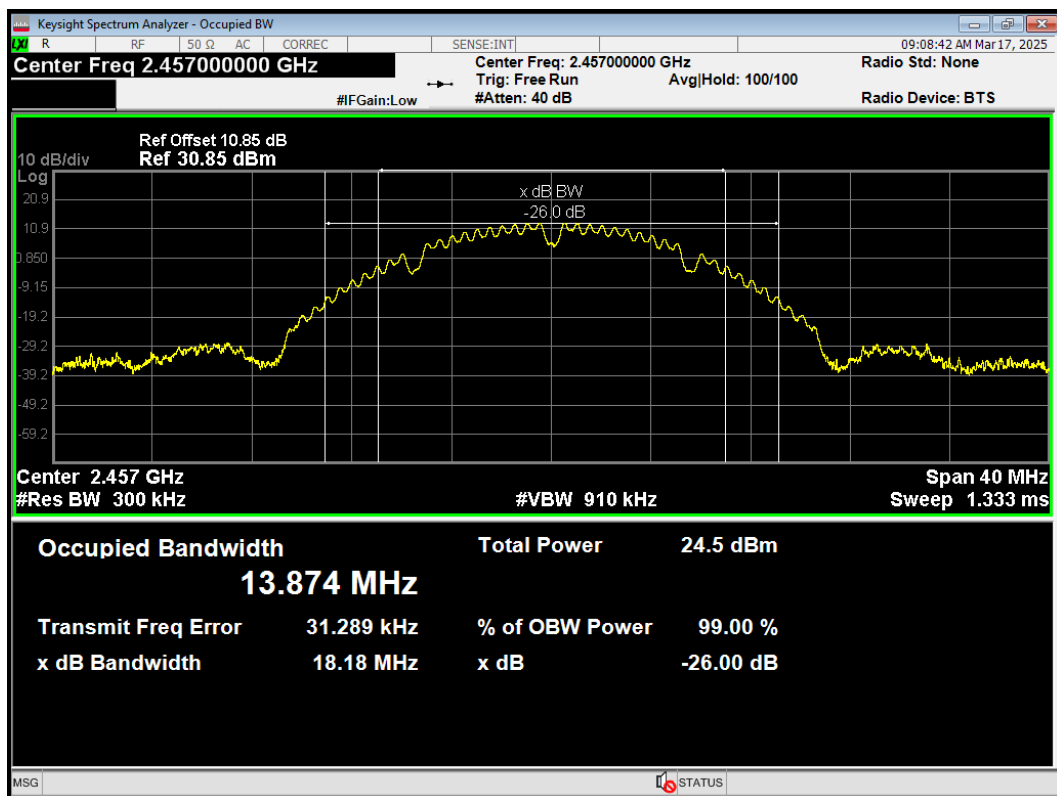
OBW 802.11b 2417MHz



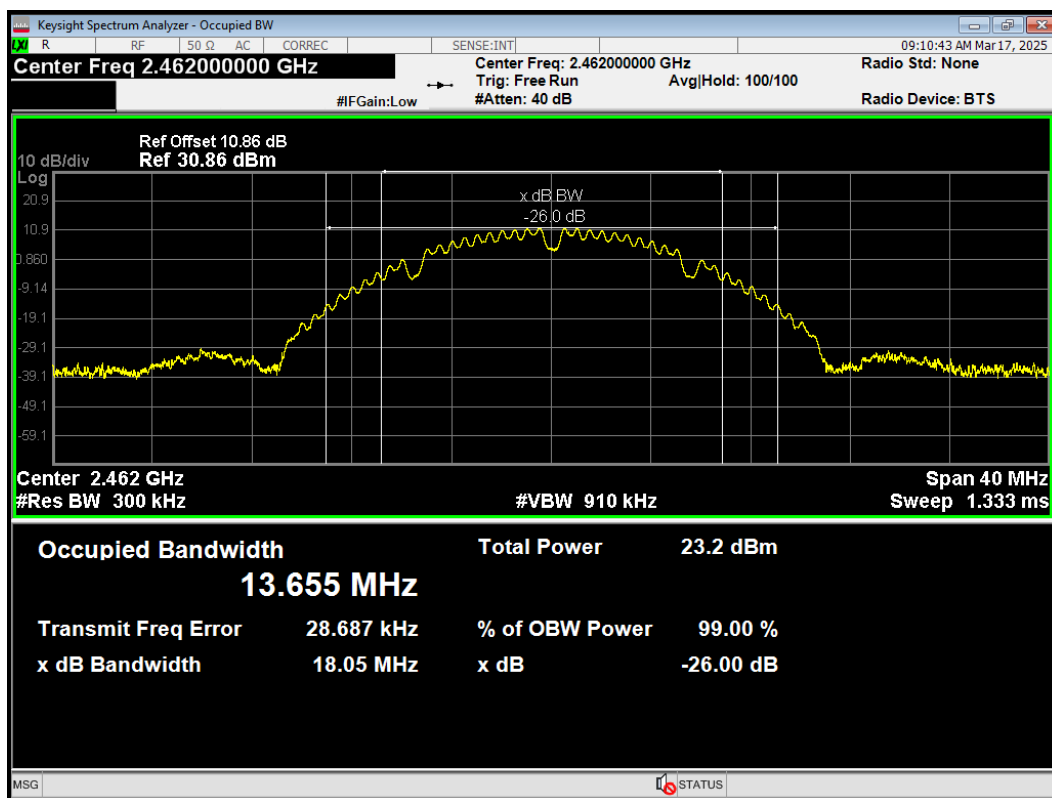
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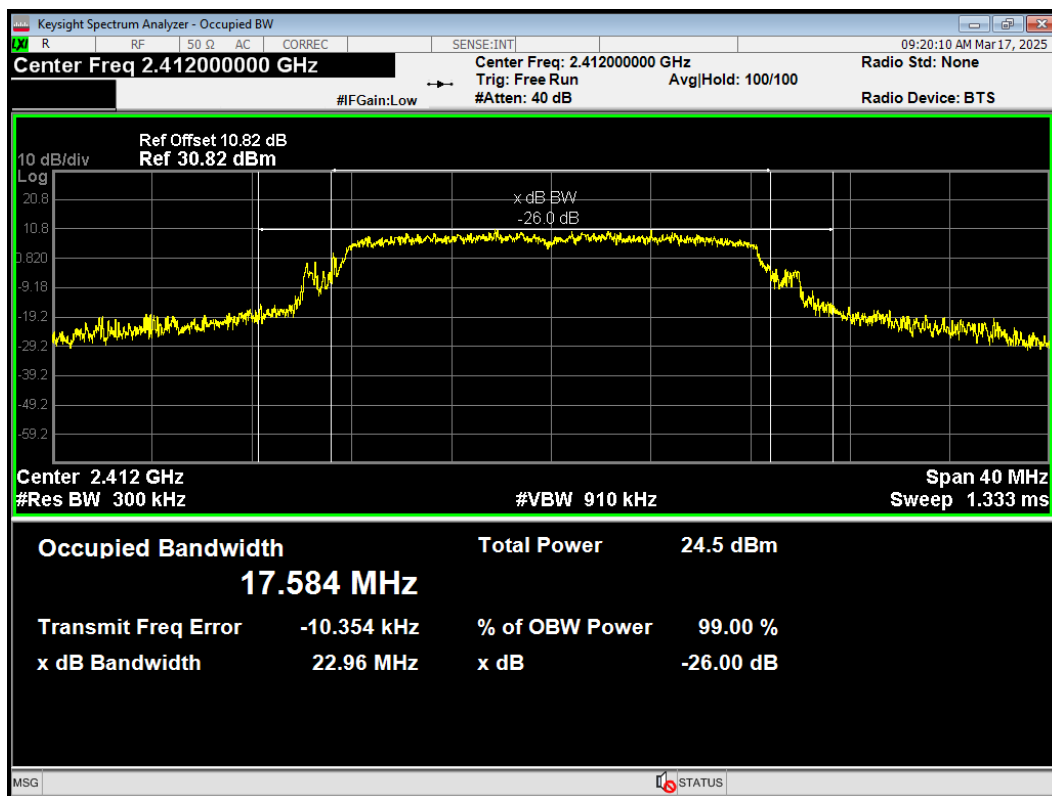
OBW 802.11b 2457MHz



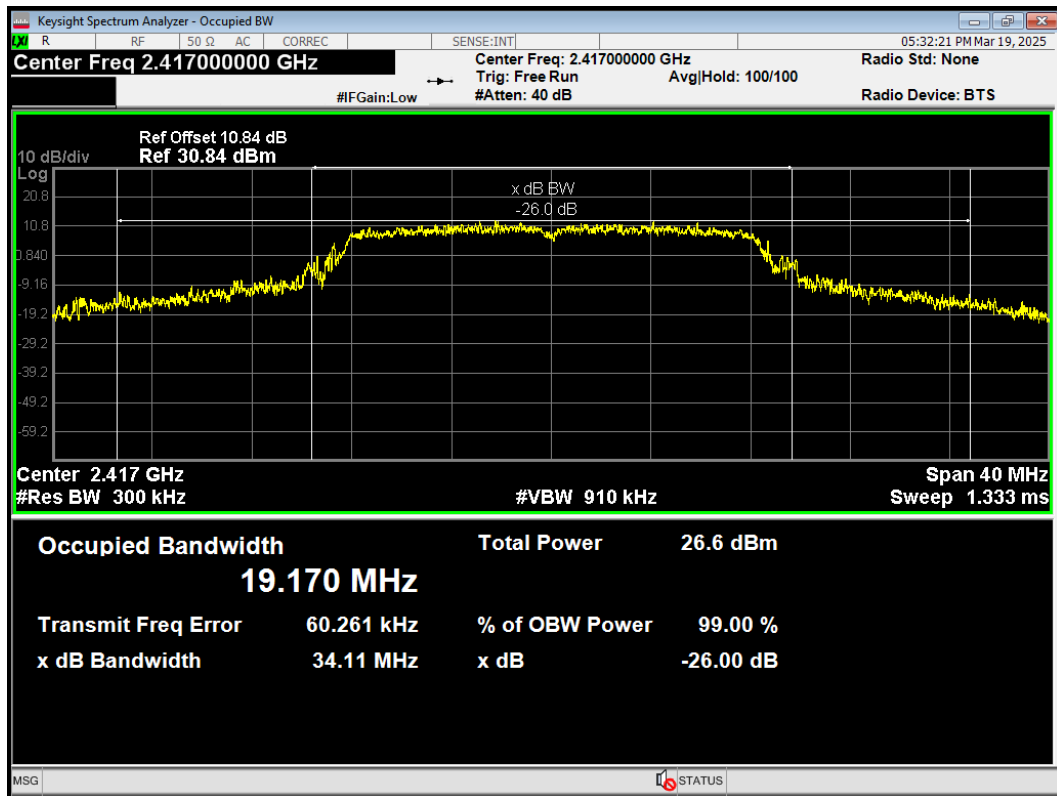
OBW 802.11b 2462MHz



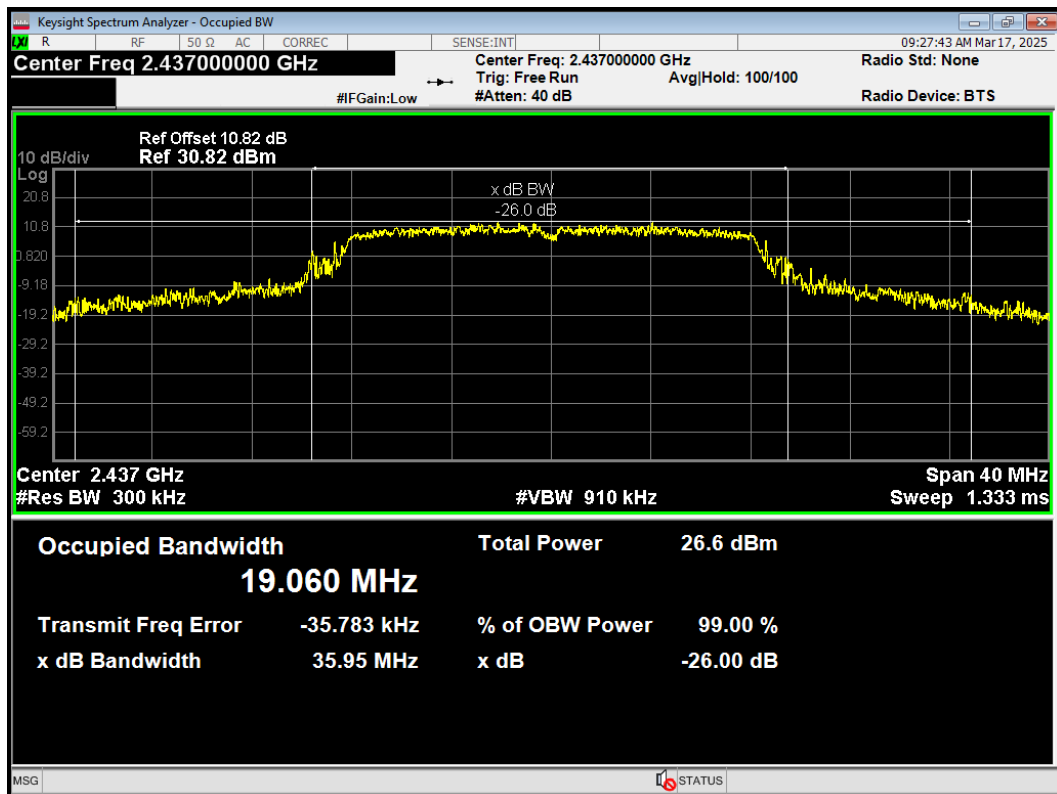
OBW 802.11g 2412MHz



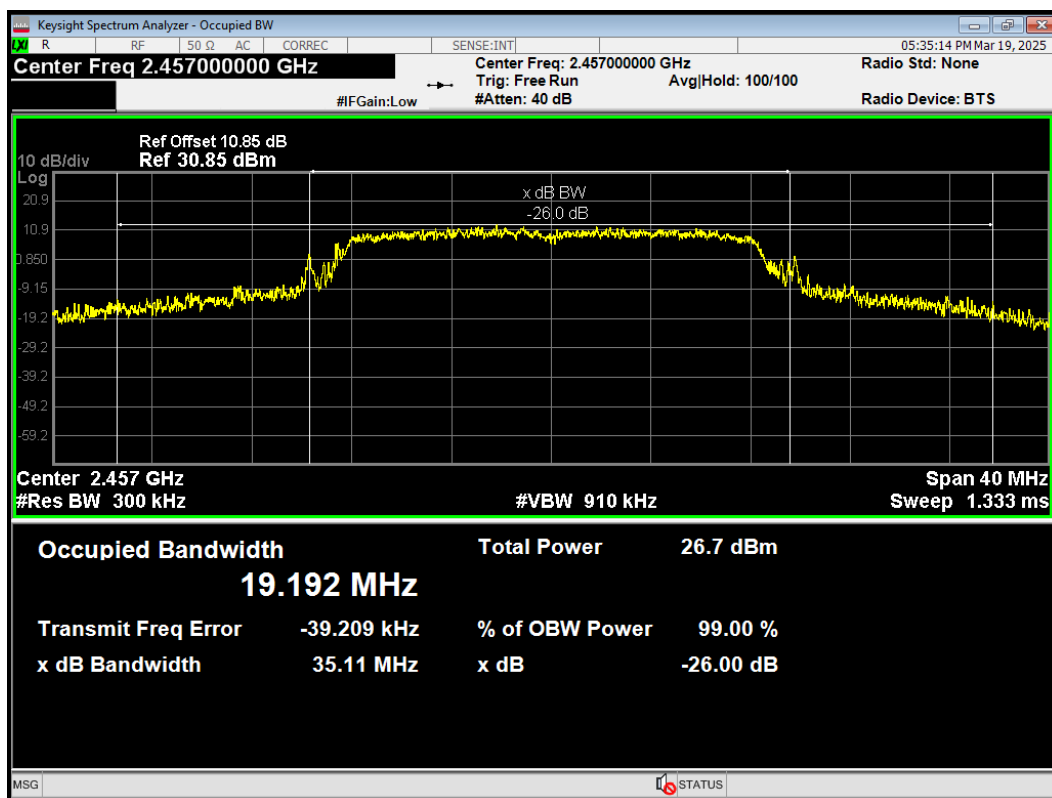
OBW 802.11g 2417MHz



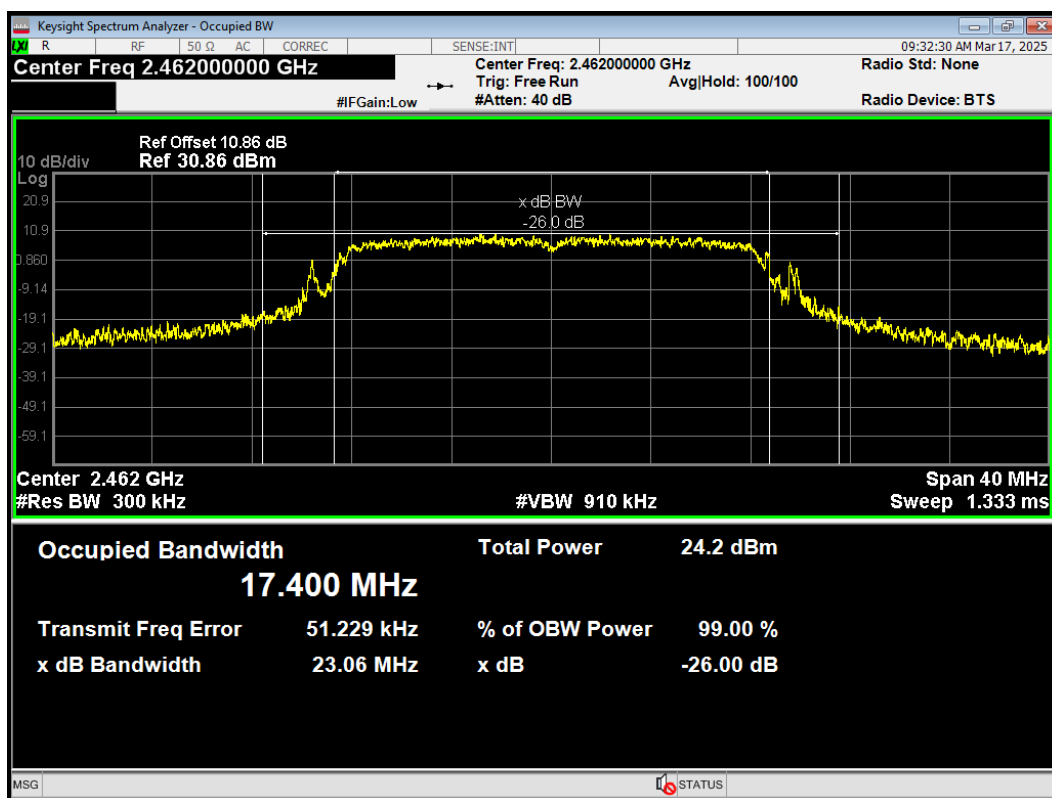
OBW 802.11g 2437MHz



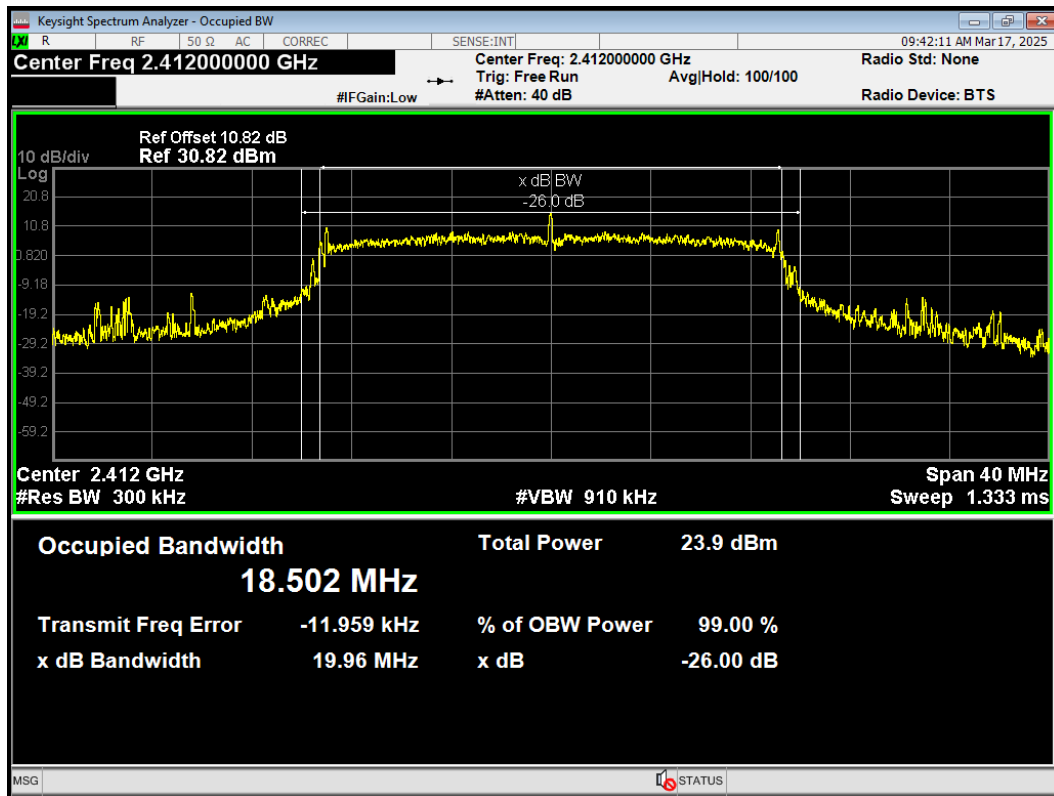
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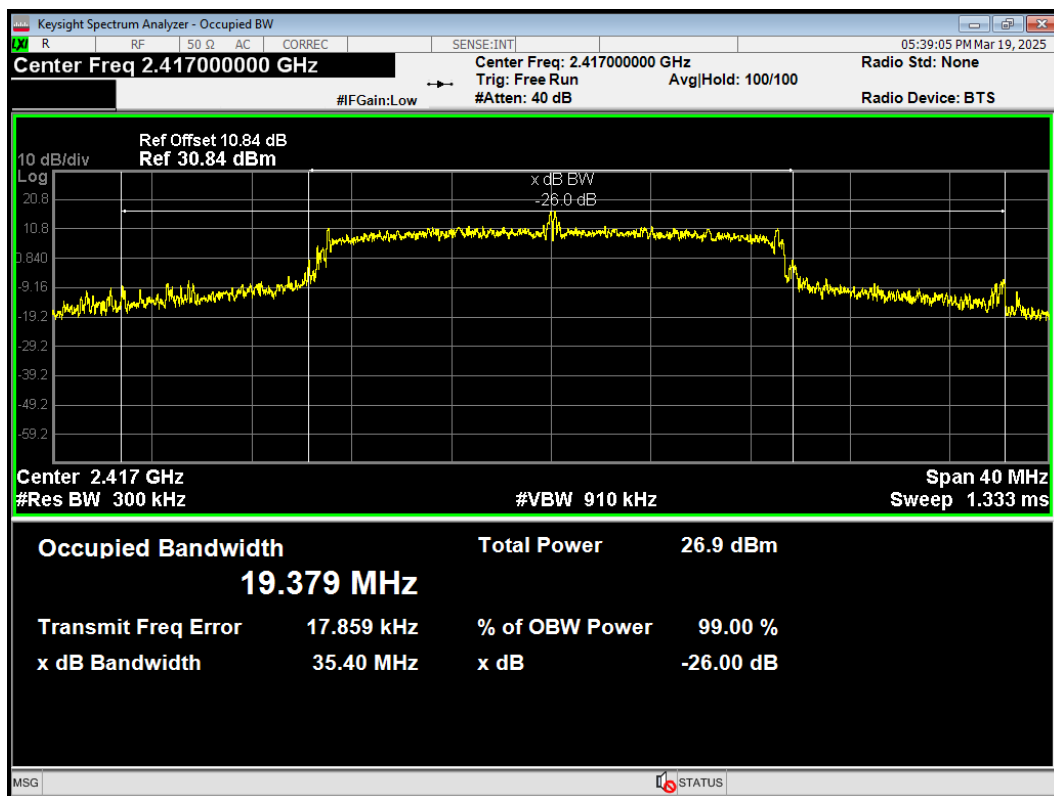
OBW 802.11g 2462MHz



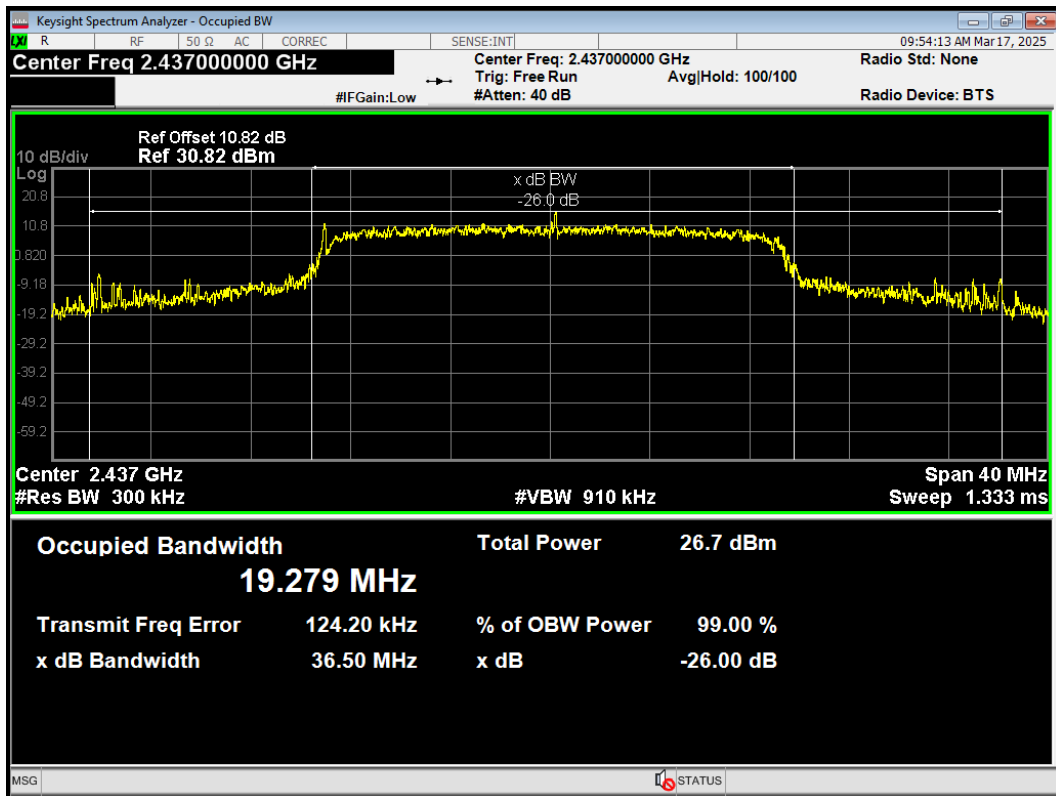
OBW 802.11n(HT20) 2412MHz



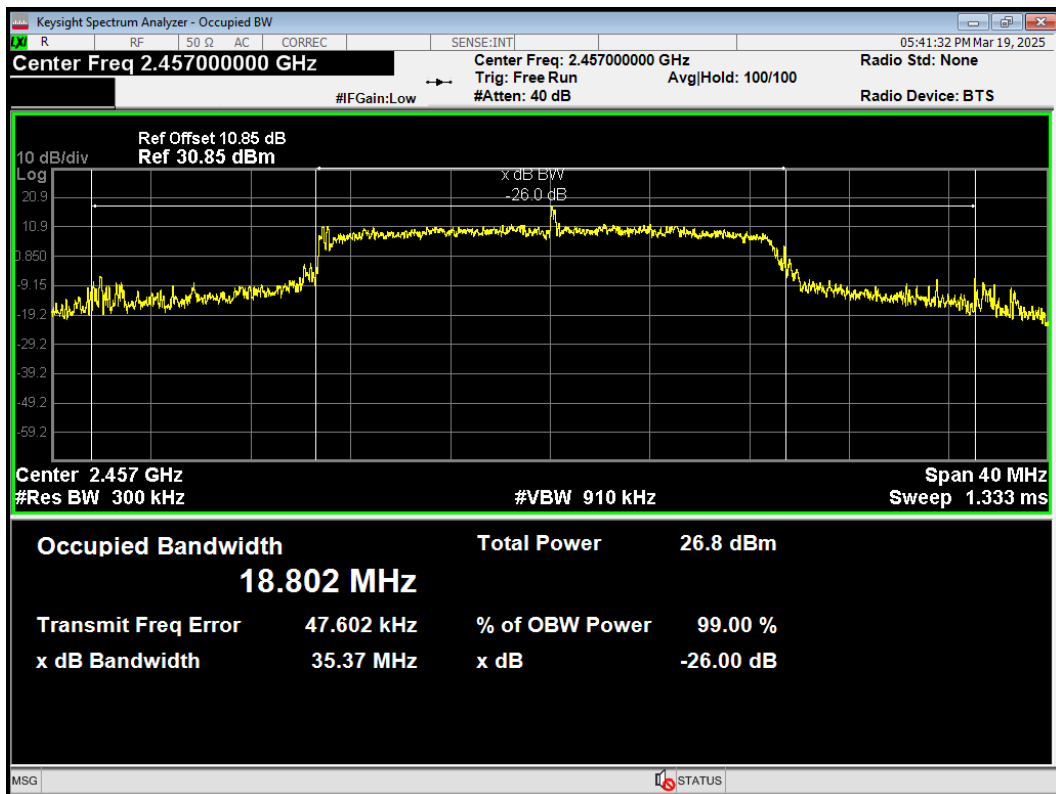
OBW 802.11n(HT20) 2417MHz



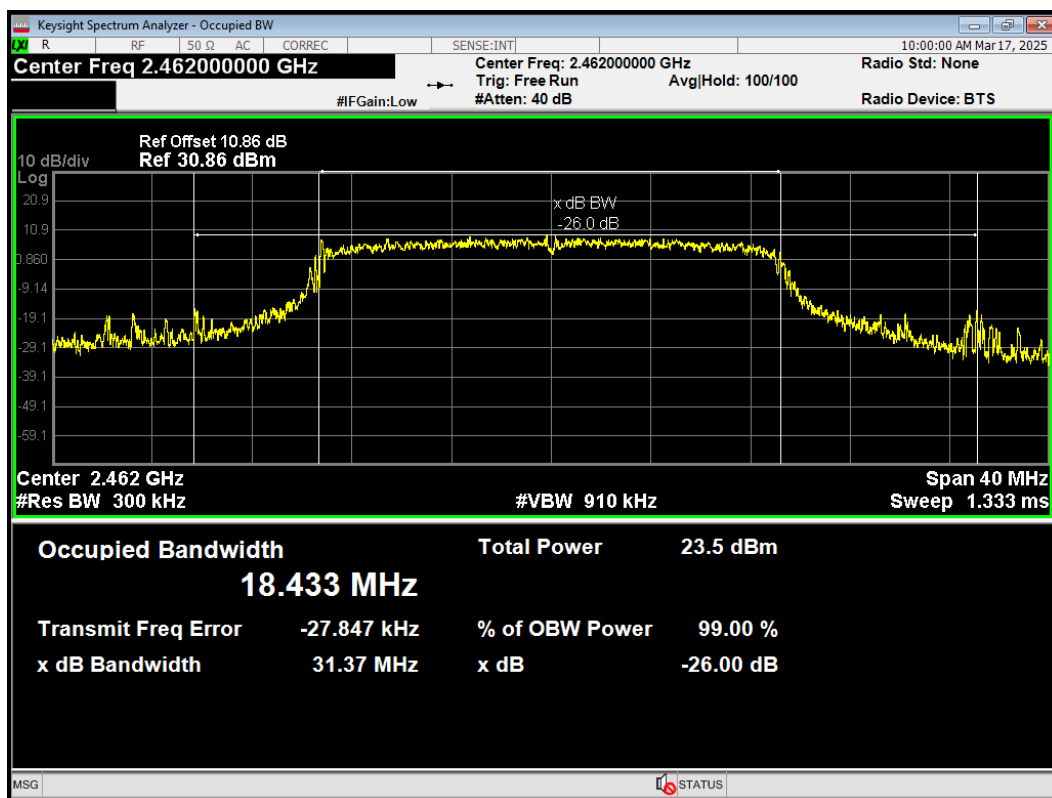
OBW 802.11n(HT20) 2437MHz



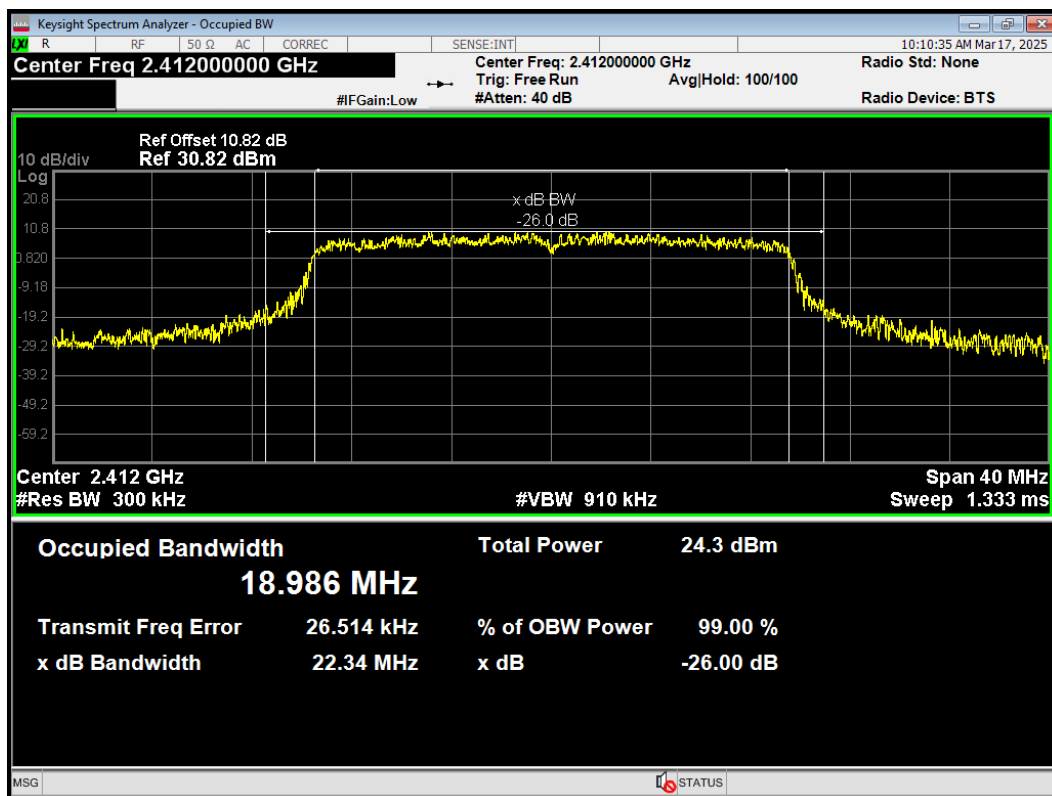
OBW 802.11n(HT20) 2457MHz



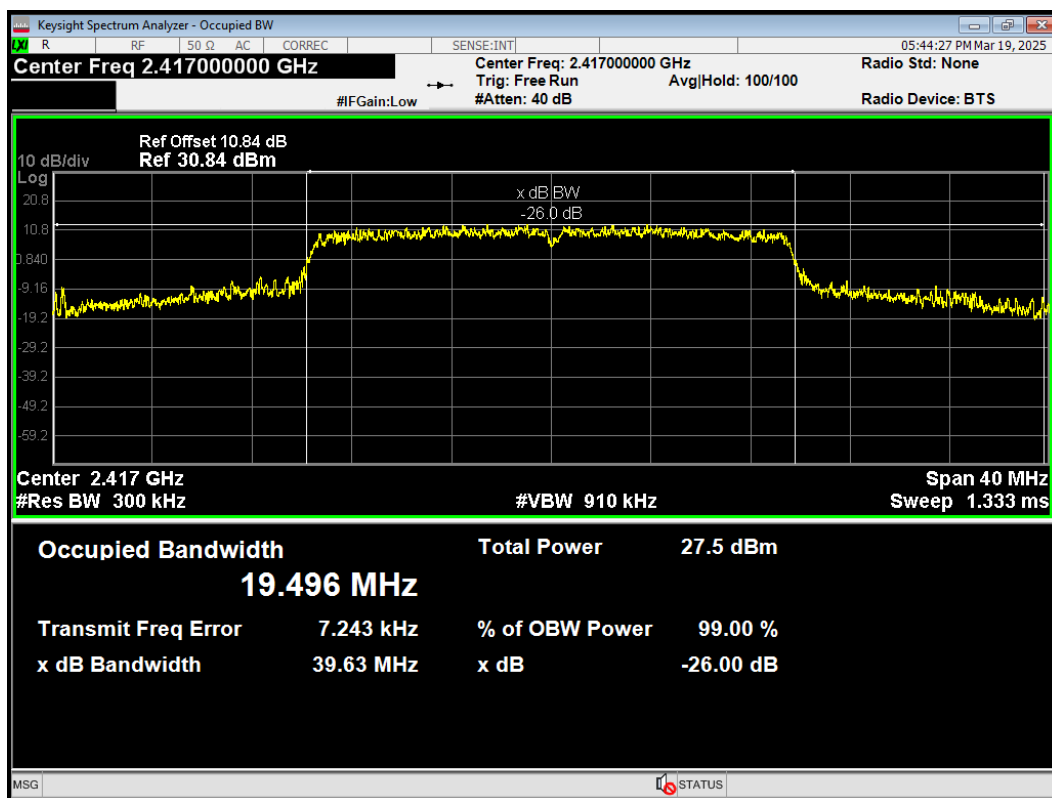
OBW 802.11n(HT20) 2462MHz



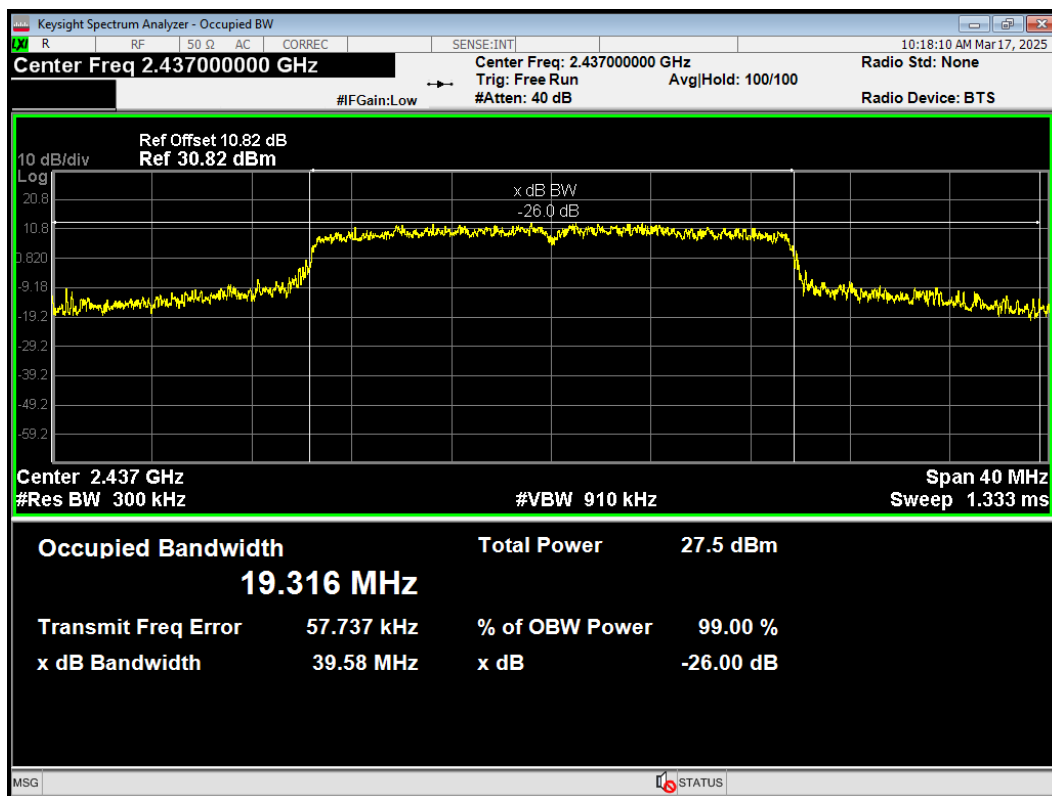
OBW 802.11ax(HE20) 2412MHz



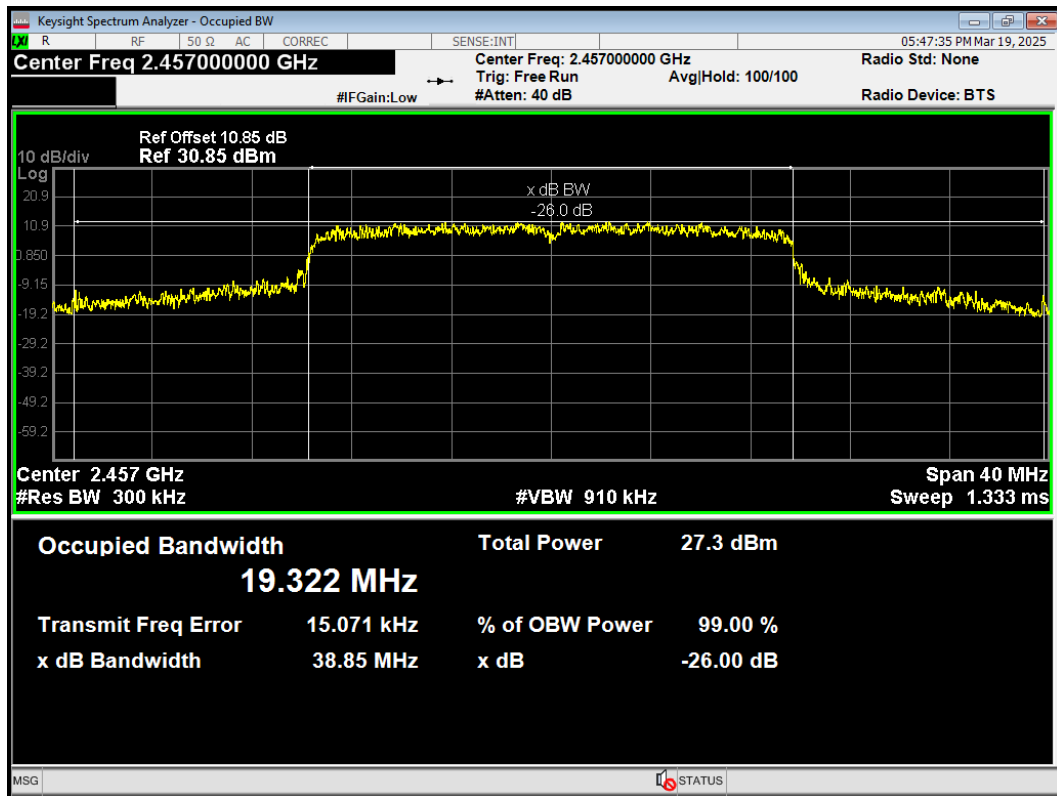
OBW 802.11ax(HE20) 2417MHz



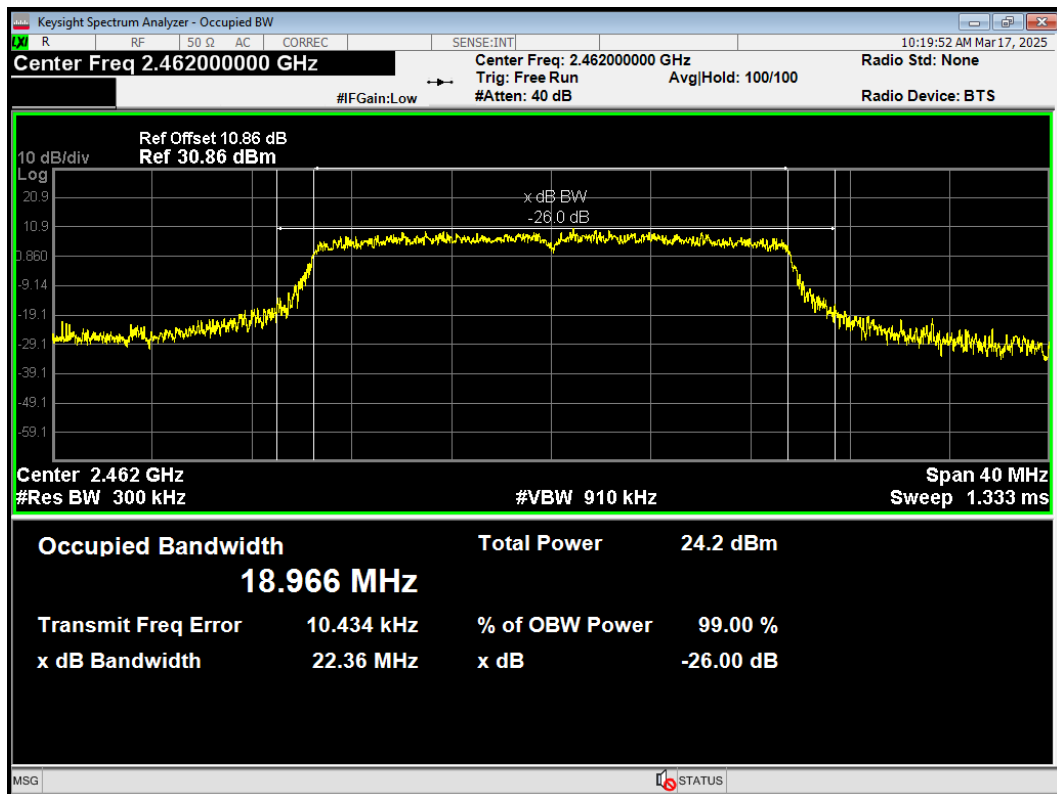
OBW 802.11ax(HE20) 2437MHz



OBW 802.11ax(HE20) 2457MHz

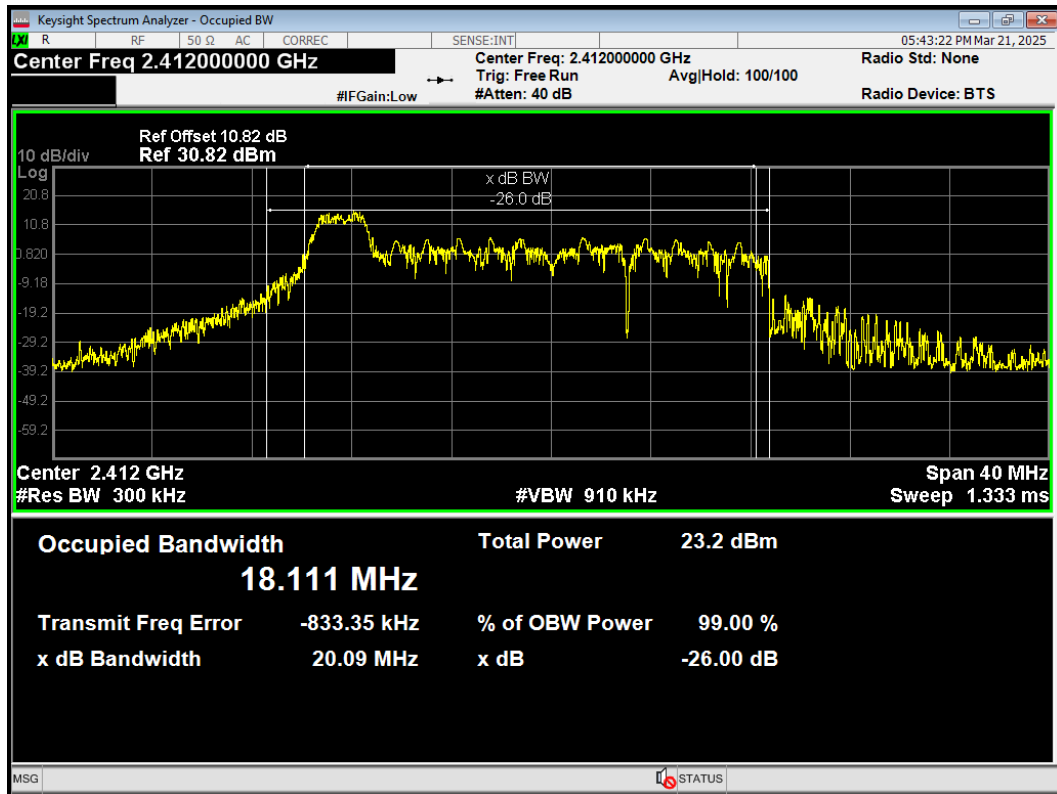


OBW 802.11ax(HE20) 2462MHz

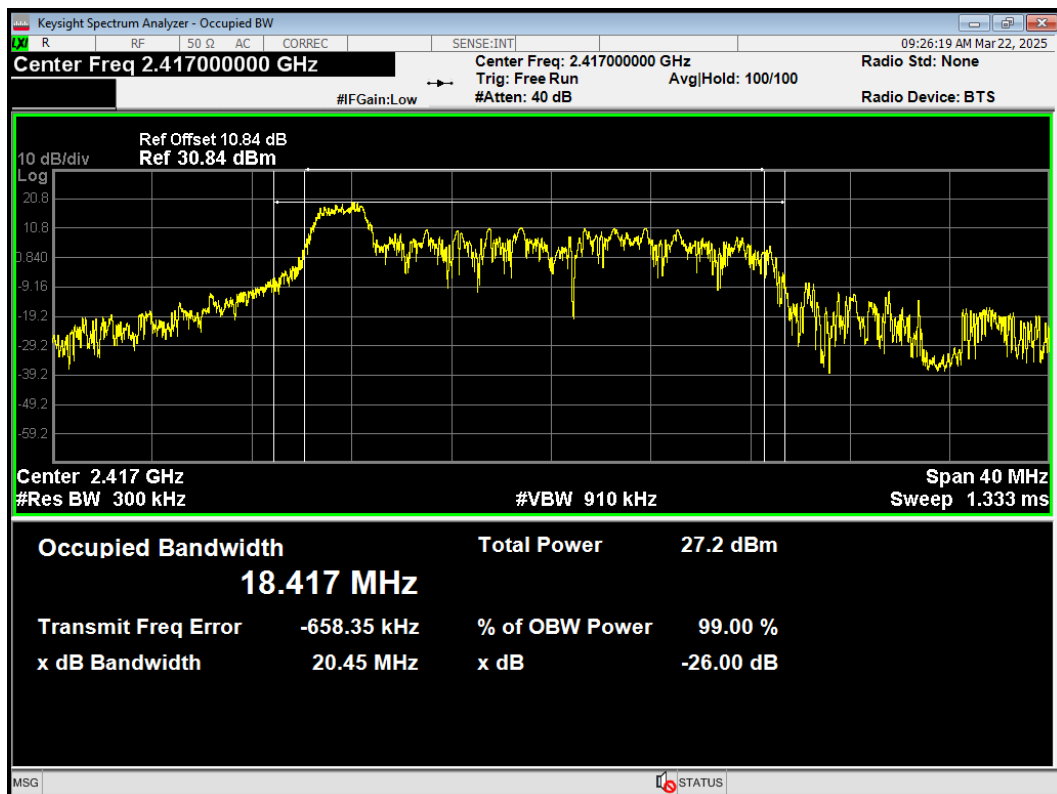


RU Mode

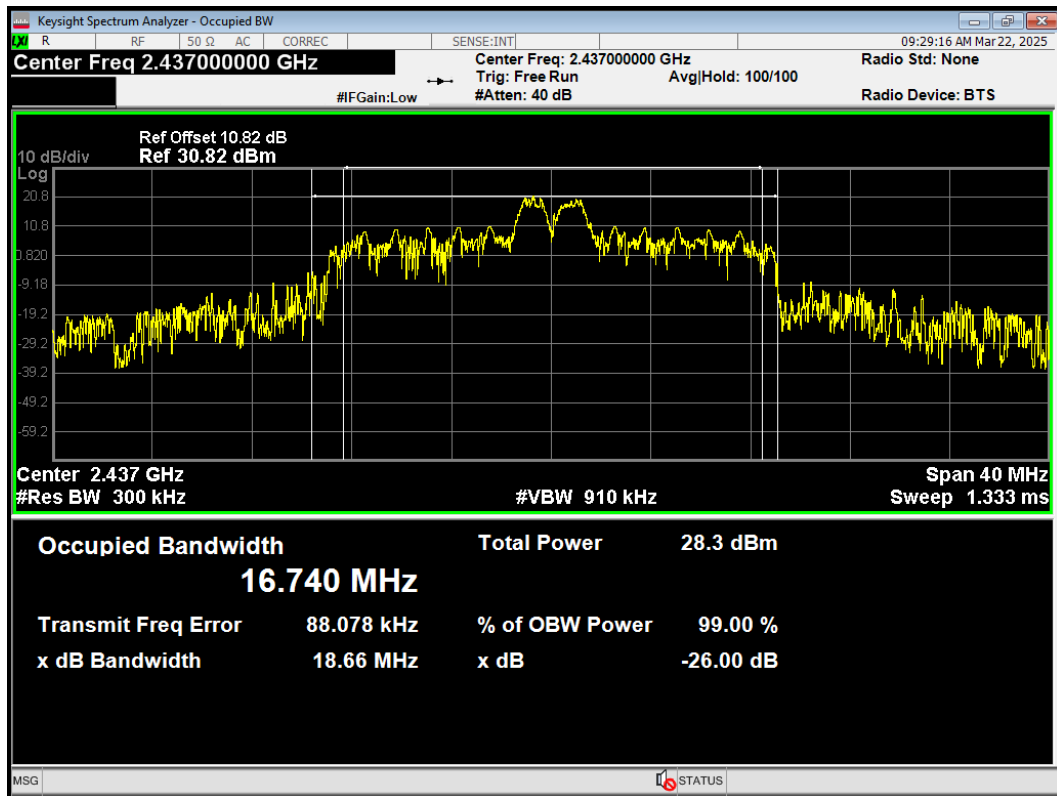
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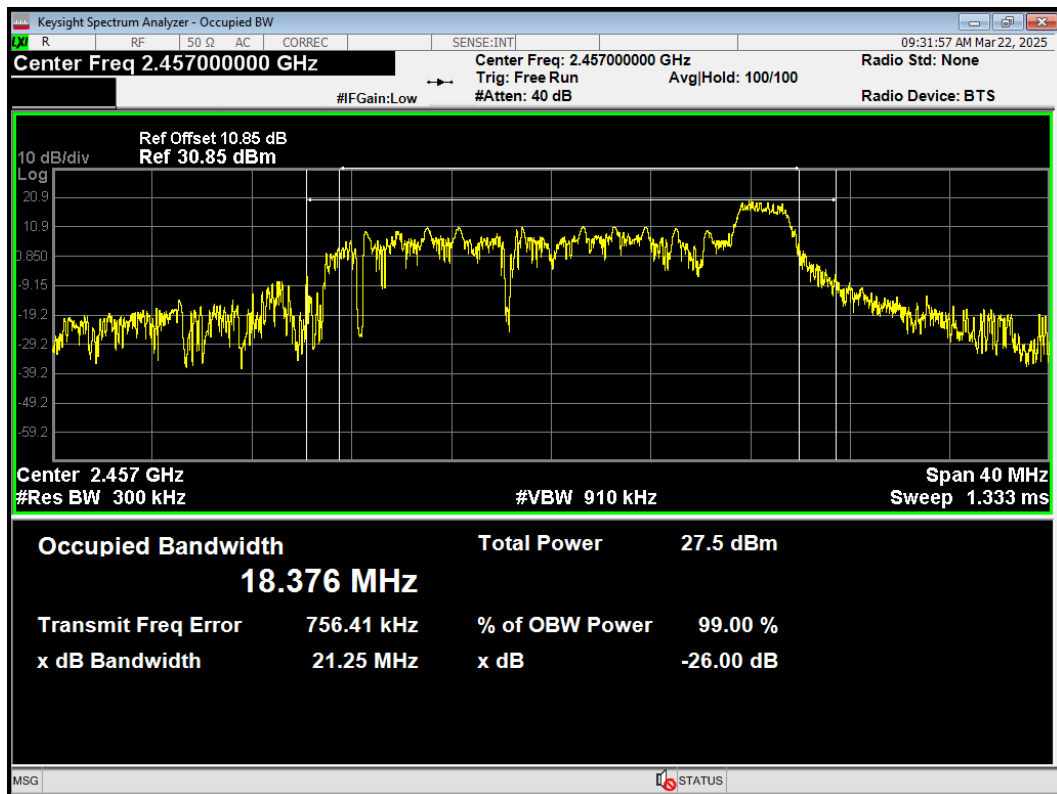
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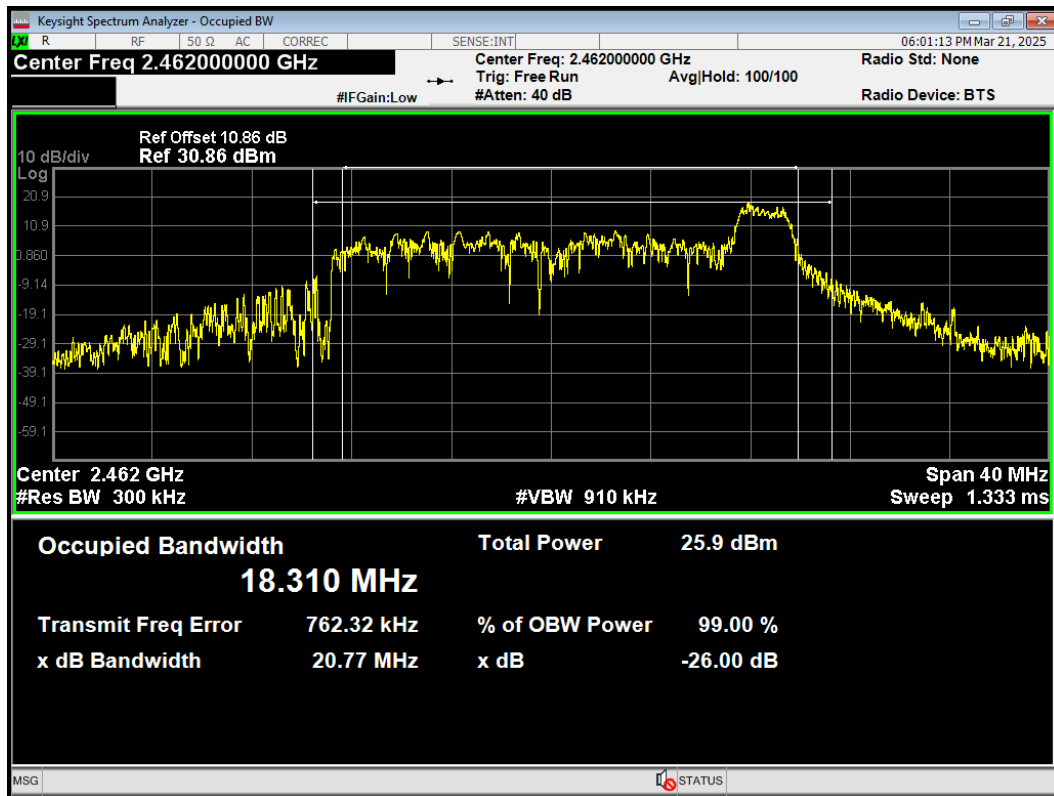
OBW 802.11ax(HE20) 26T 2437MHz



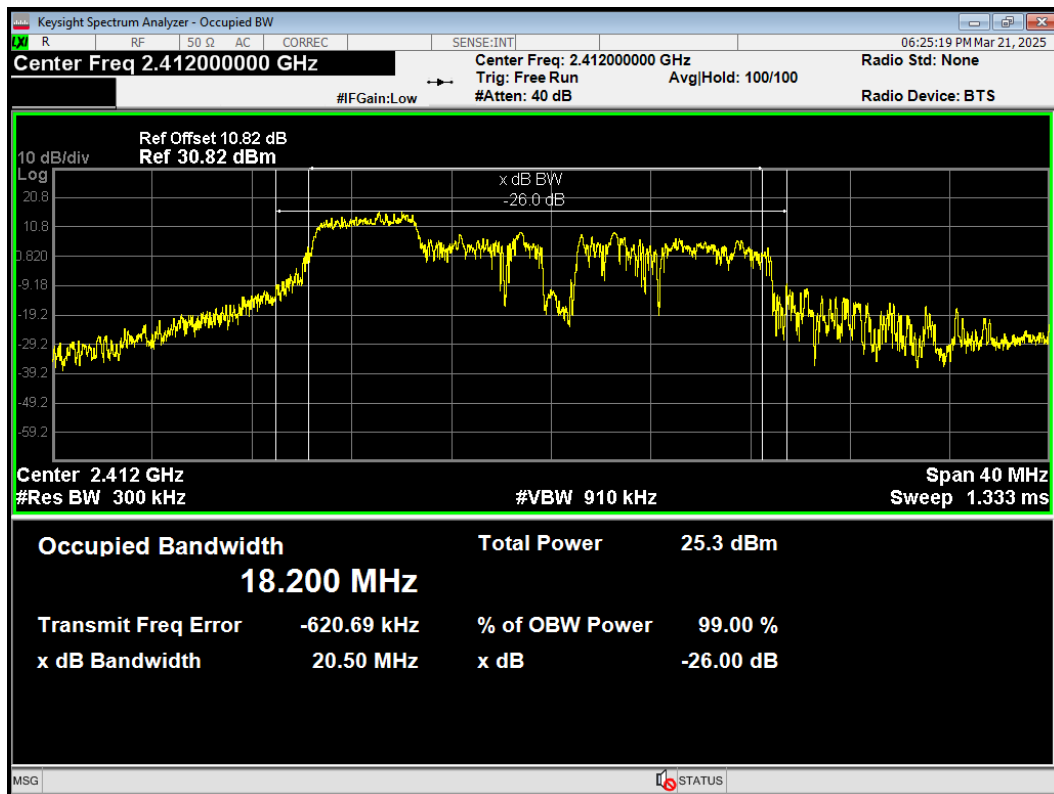
OBW 802.11ax(HE20) 26T 2457MHz



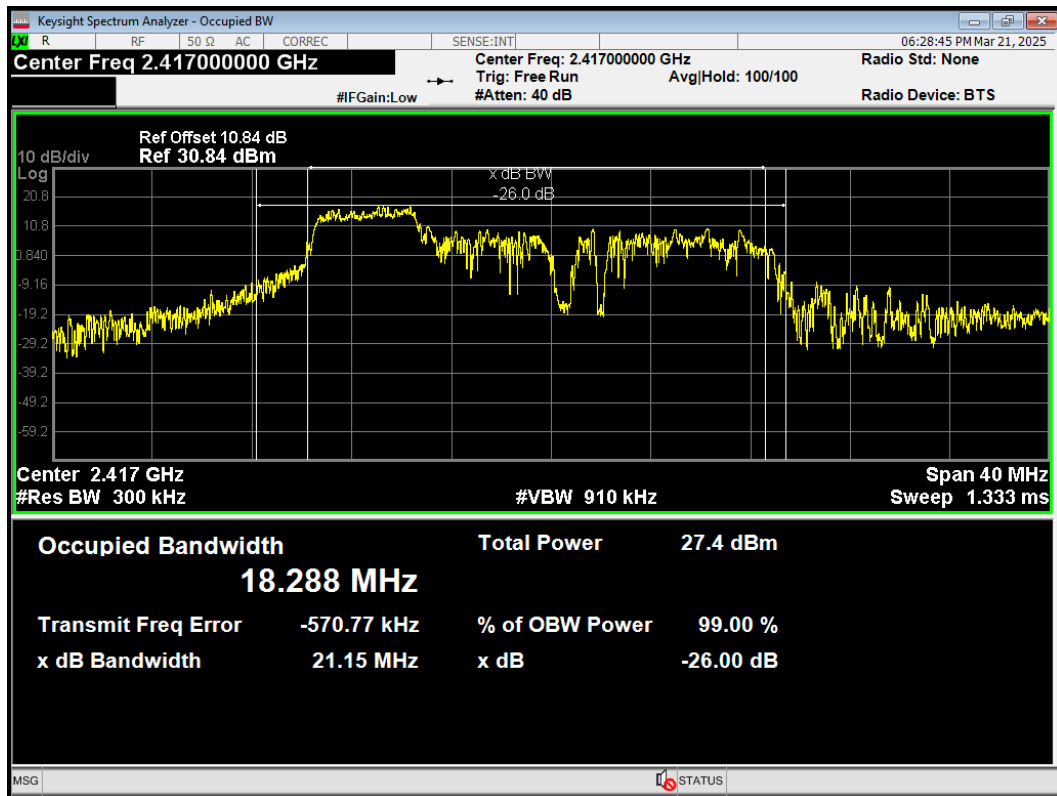
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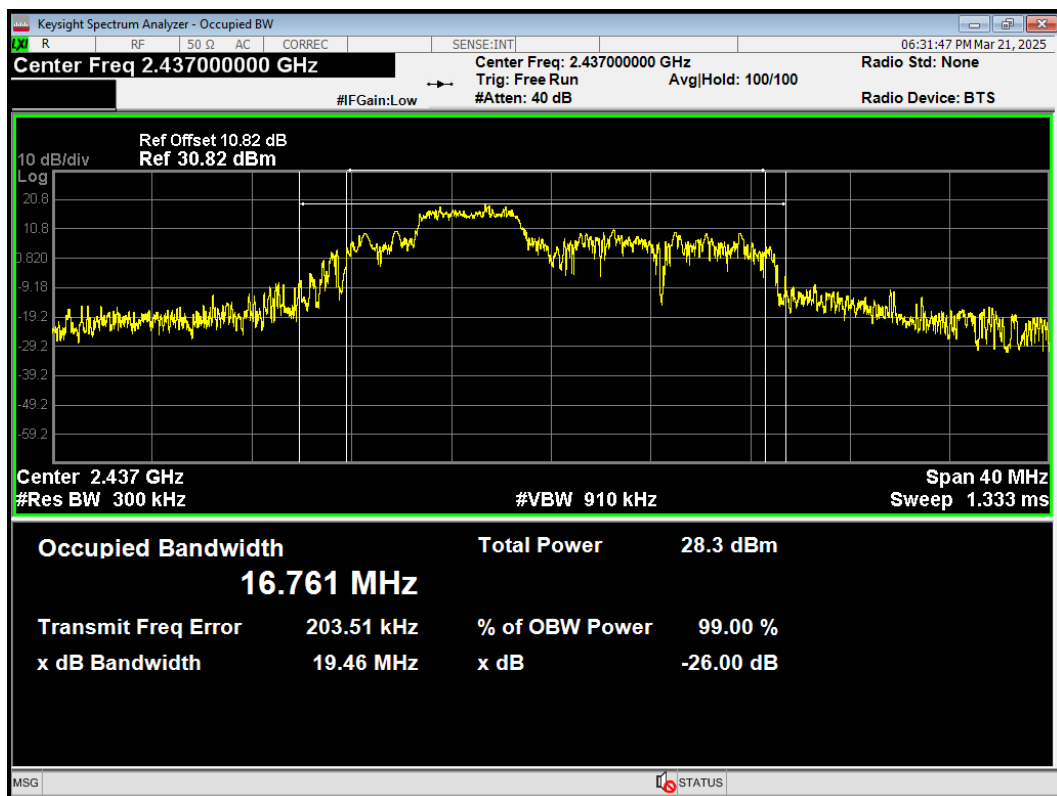
OBW 802.11ax(HE20) 52T 2412MHz



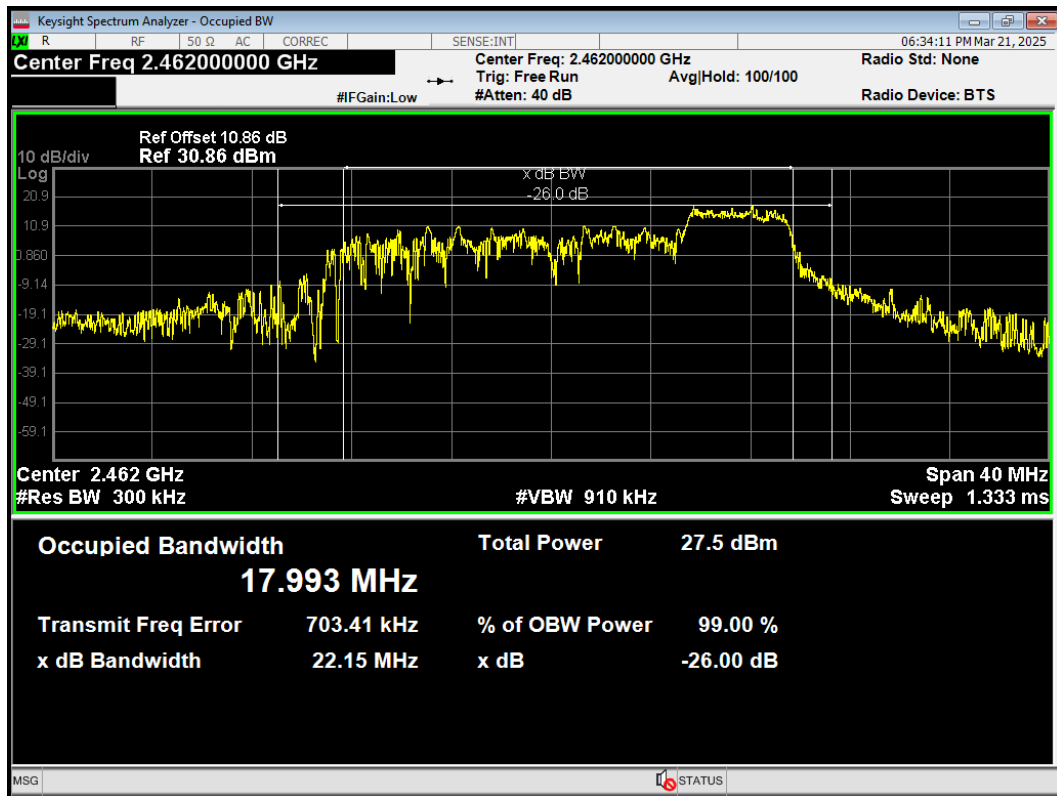
OBW 802.11ax(HE20) 52T 2417MHz



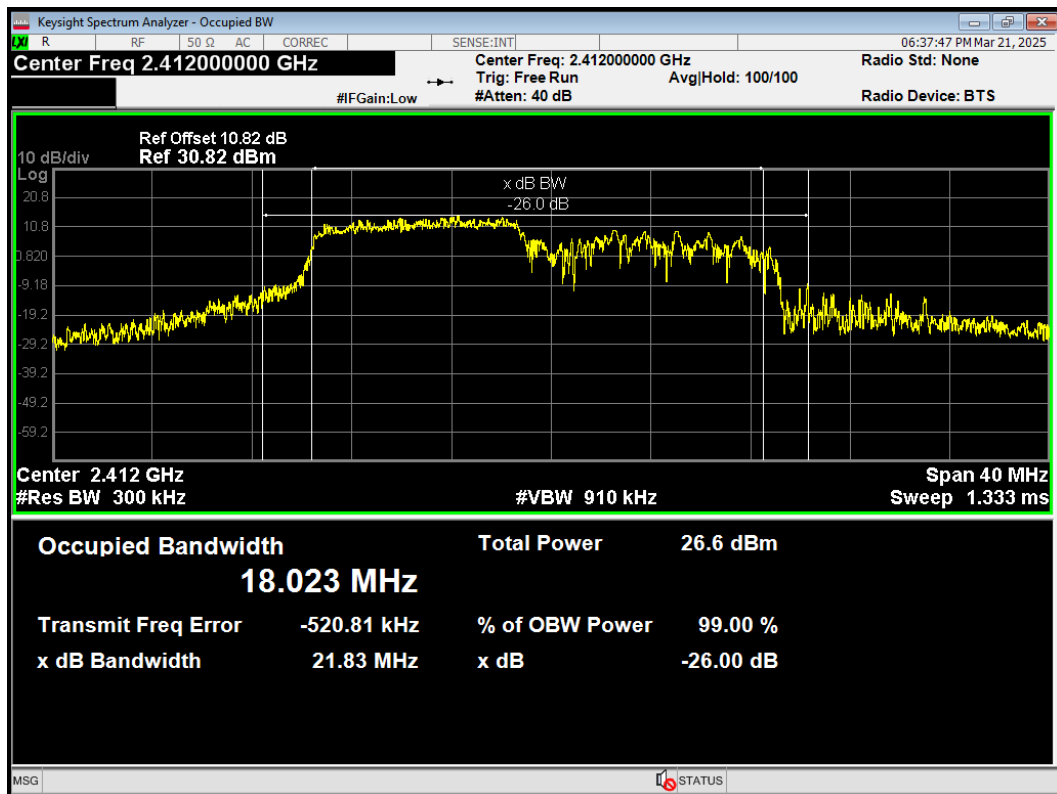
OBW 802.11ax(HE20) 52T 2437MHz



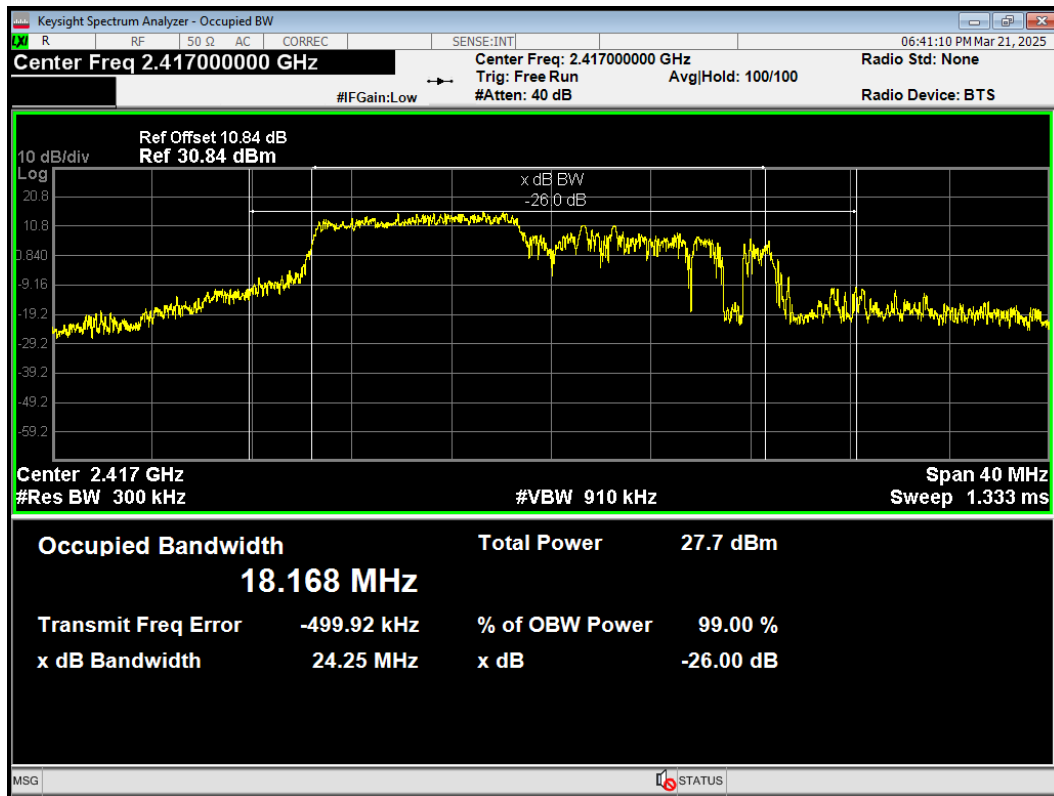
OBW 802.11ax(HE20) 52T 2462MHz



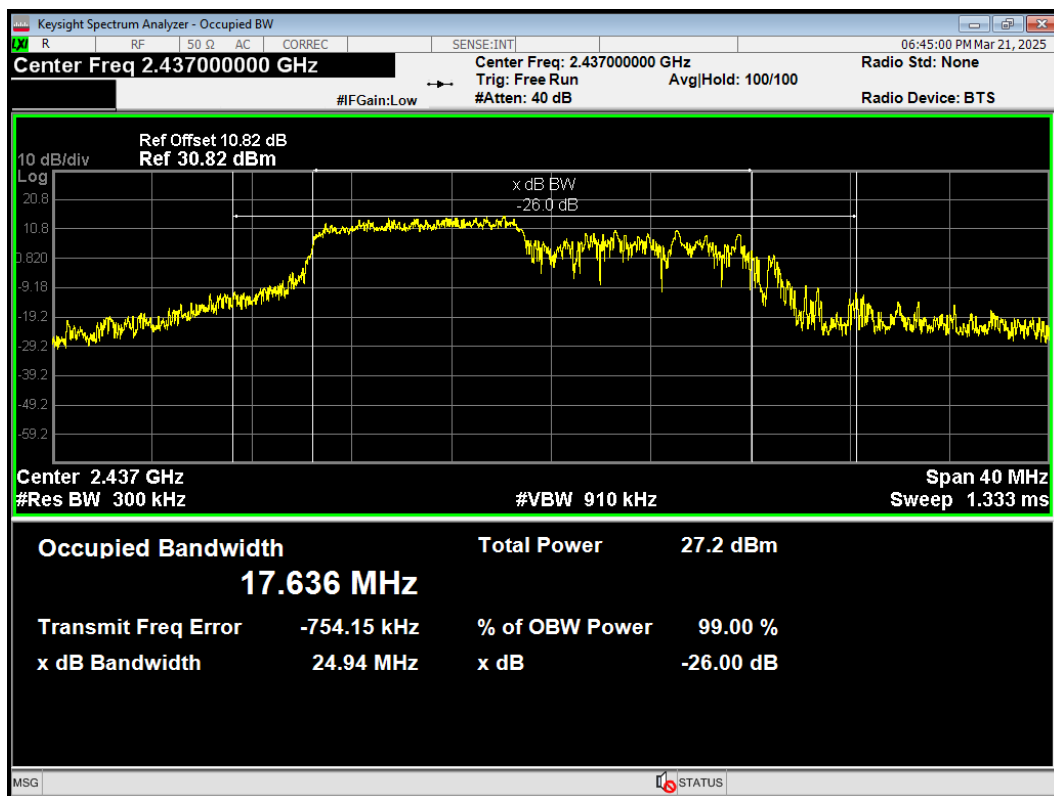
OBW 802.11ax(HE20) 106T 2412MHz



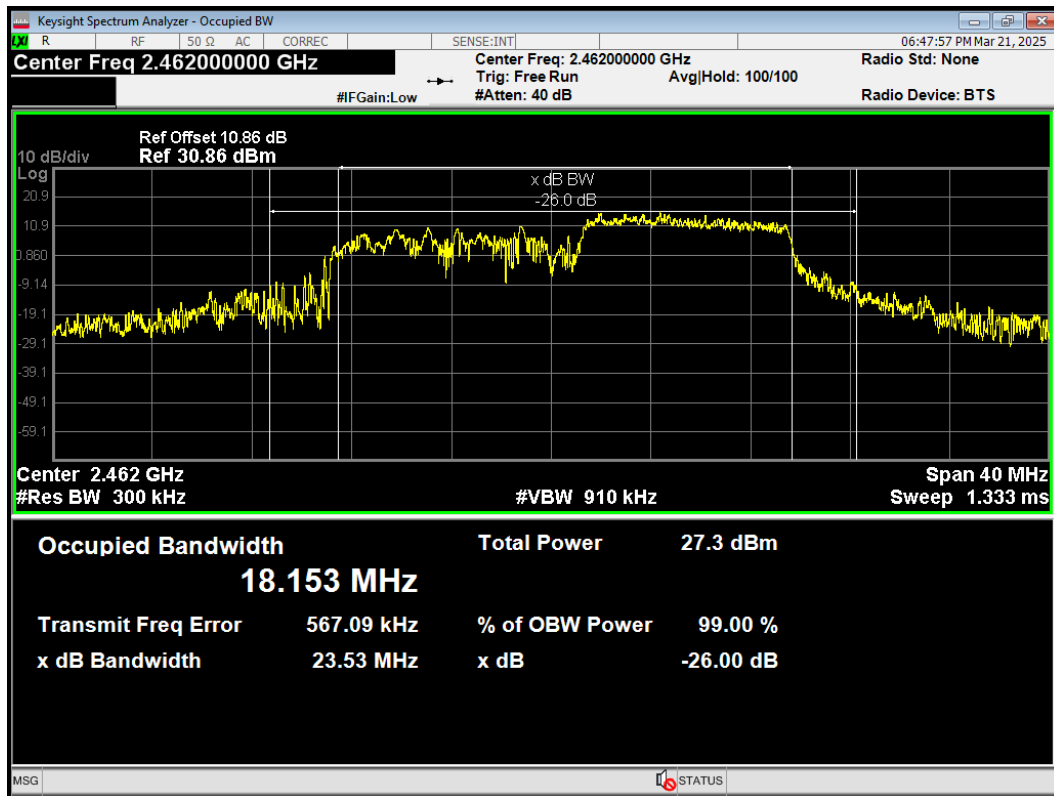
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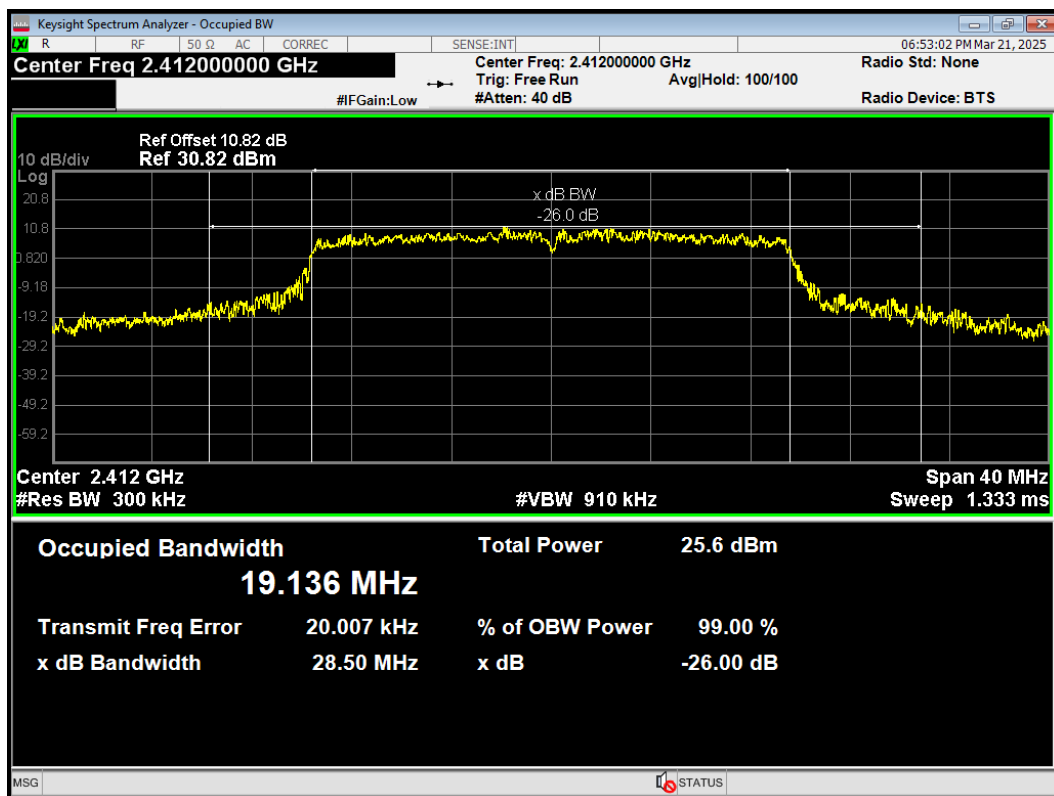
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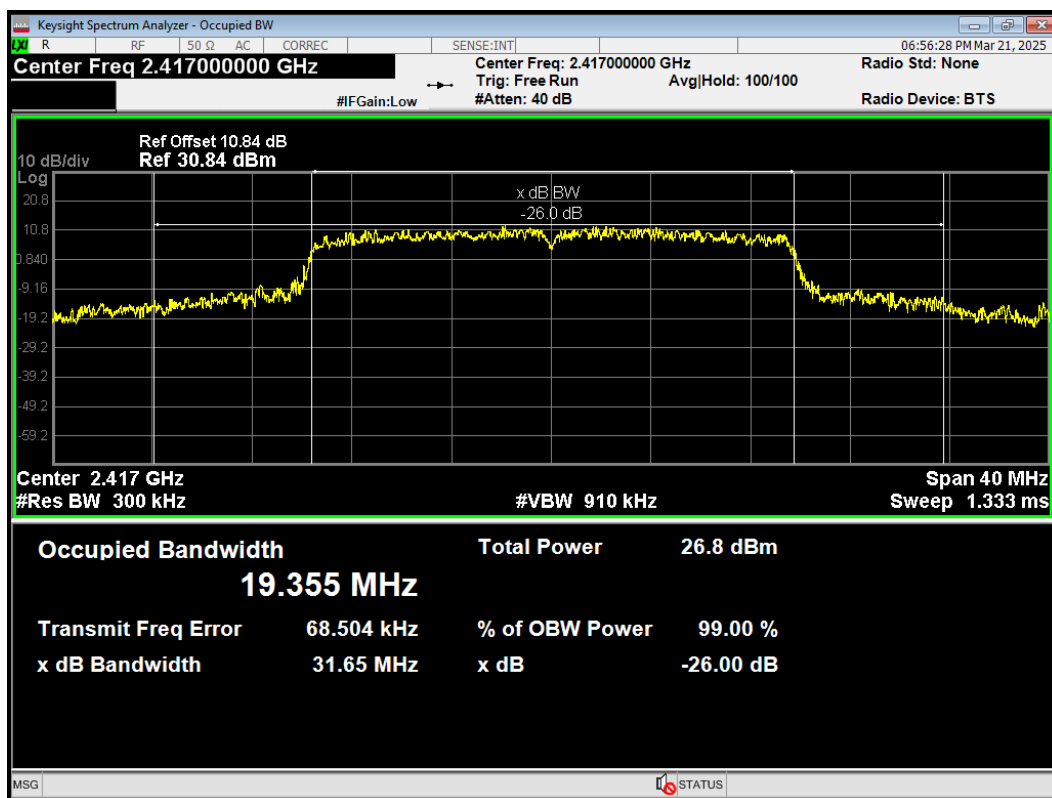
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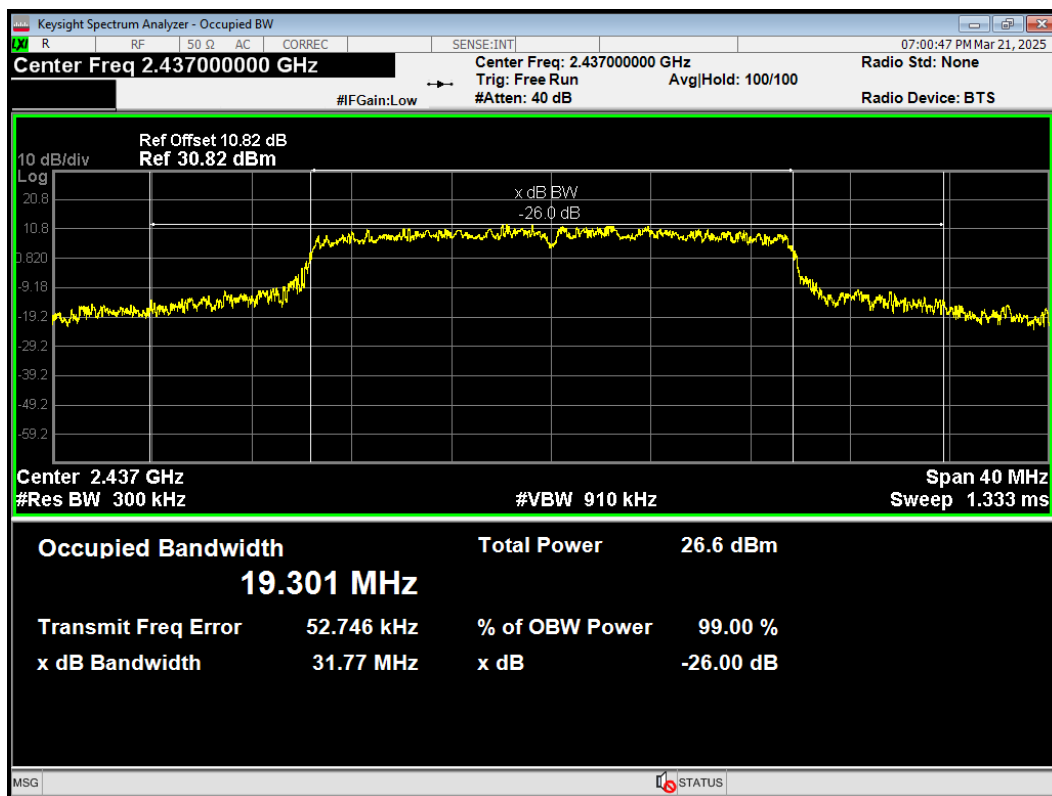
OBW 802.11ax(HE20) 242T 2412MHz



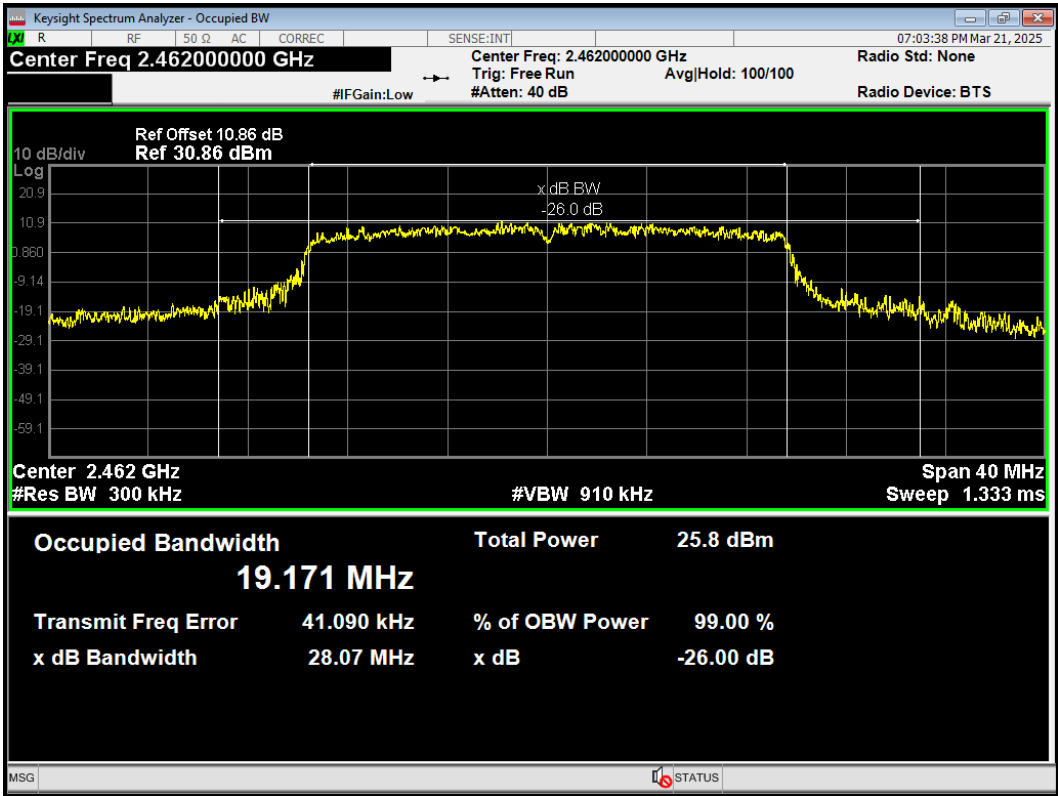
OBW 802.11ax(HE20) 242T 2417MHz



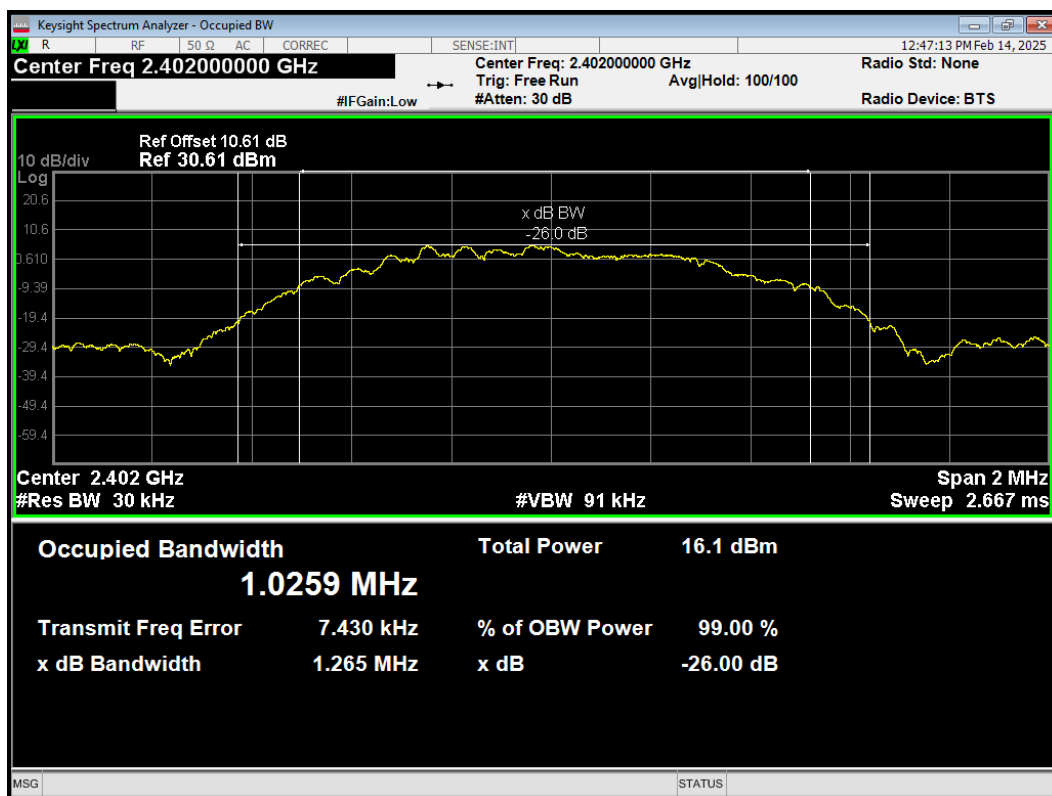
OBW 802.11ax(HE20) 242T 2437MHz



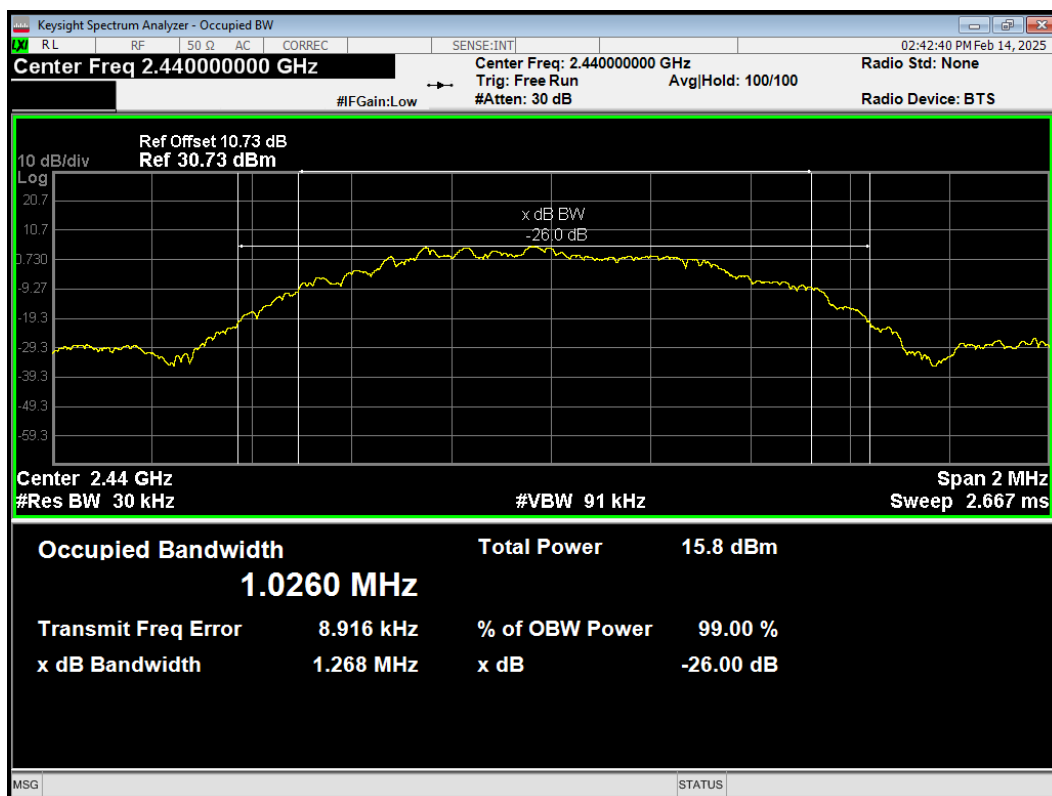
OBW 802.11ax(HE20) 242T 2462MHz



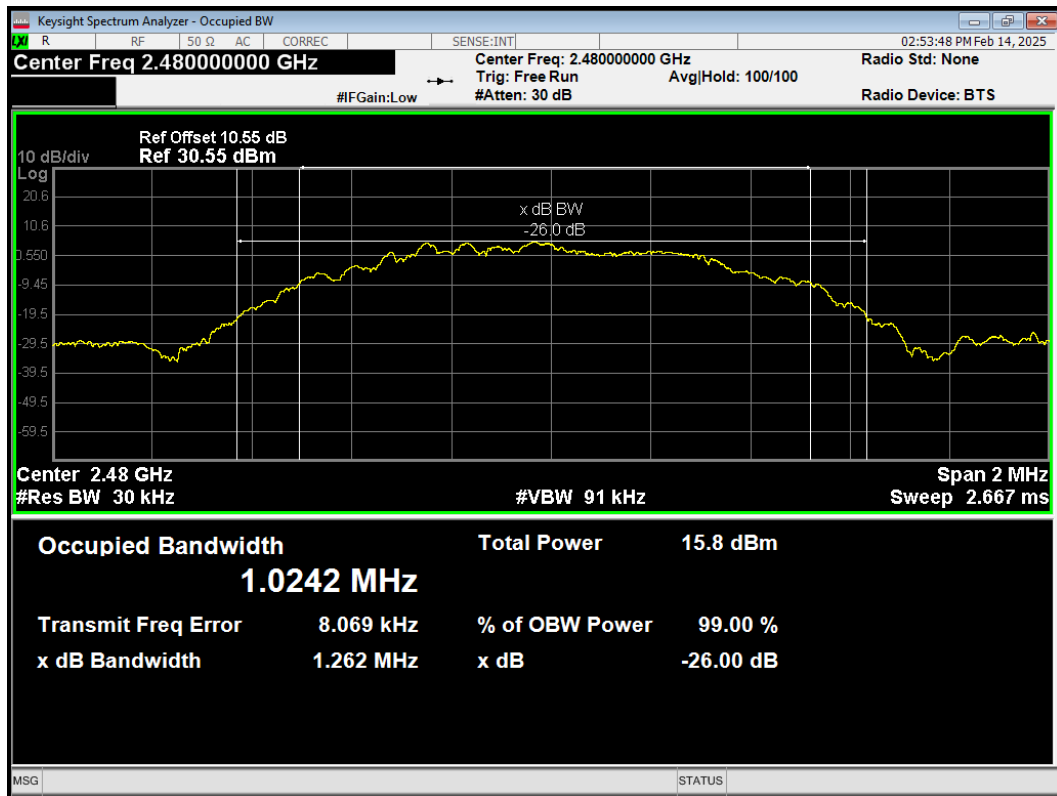
OBW Bluetooth LE (1M) 2402MHz



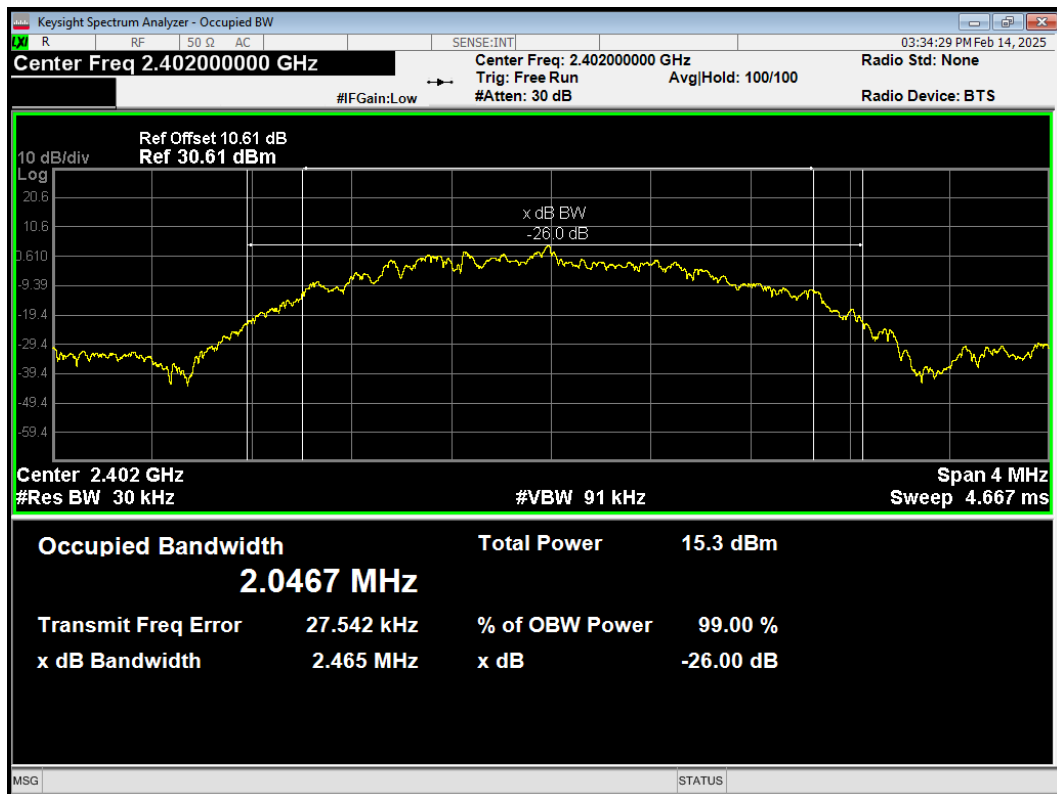
OBW Bluetooth LE (1M) 2440MHz



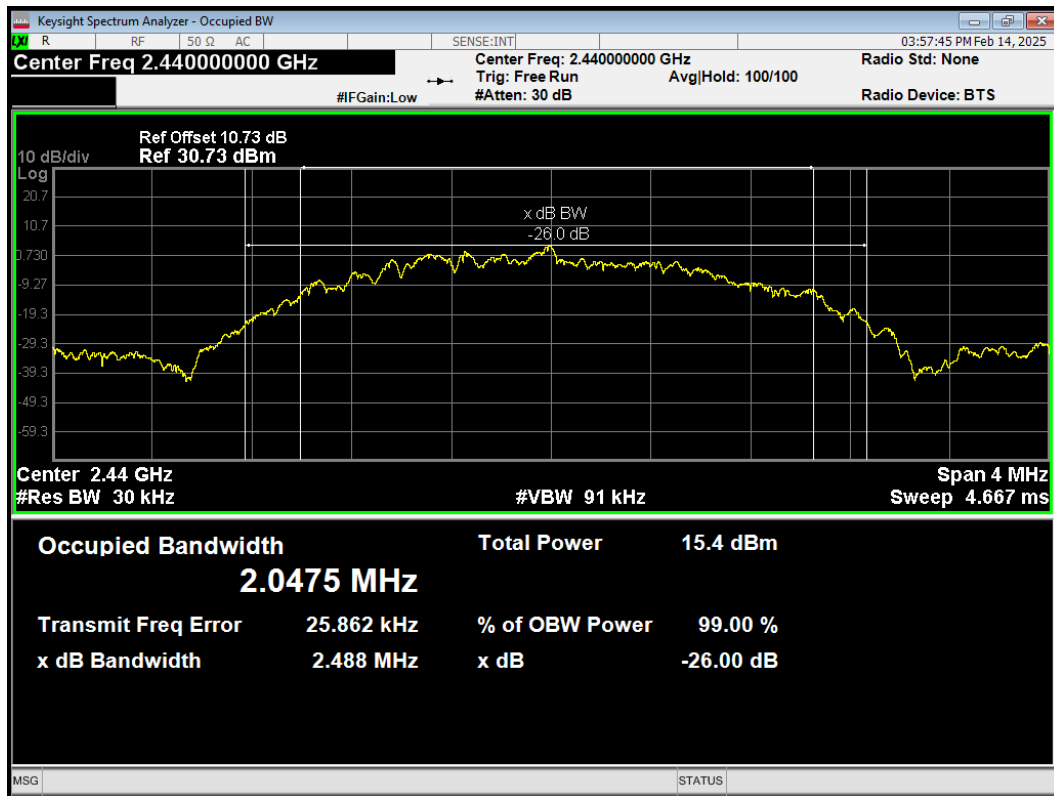
OBW Bluetooth LE (1M) 2480MHz



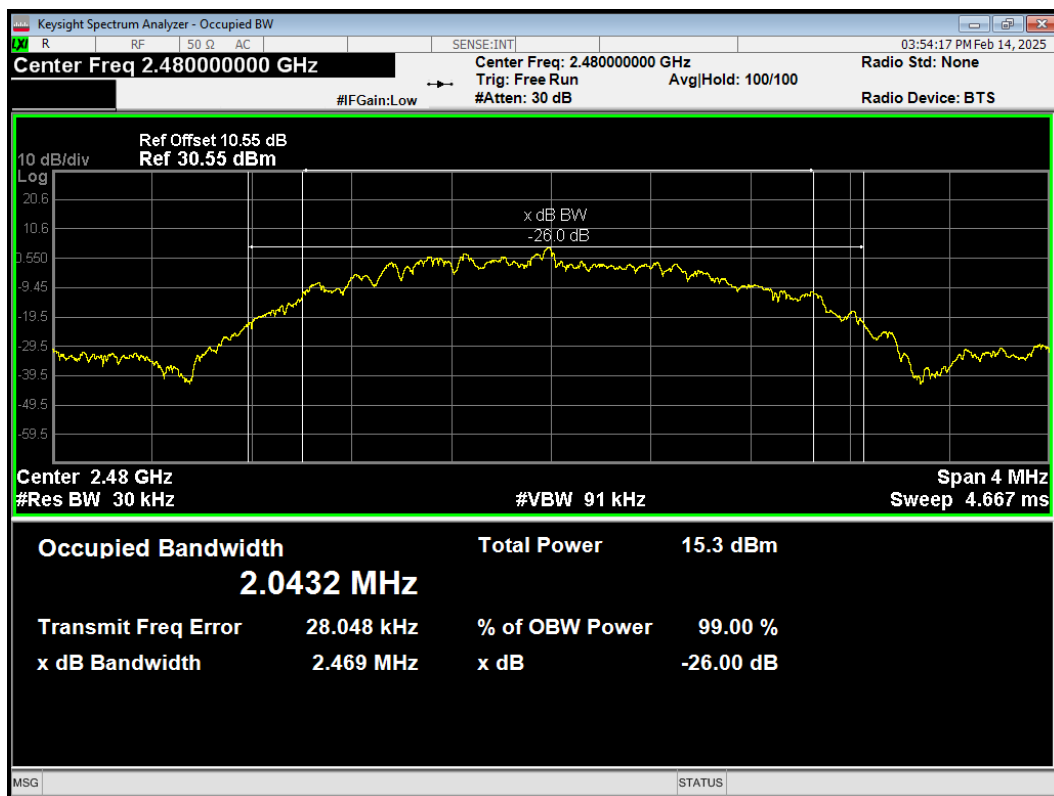
OBW Bluetooth LE (2M) 2402MHz



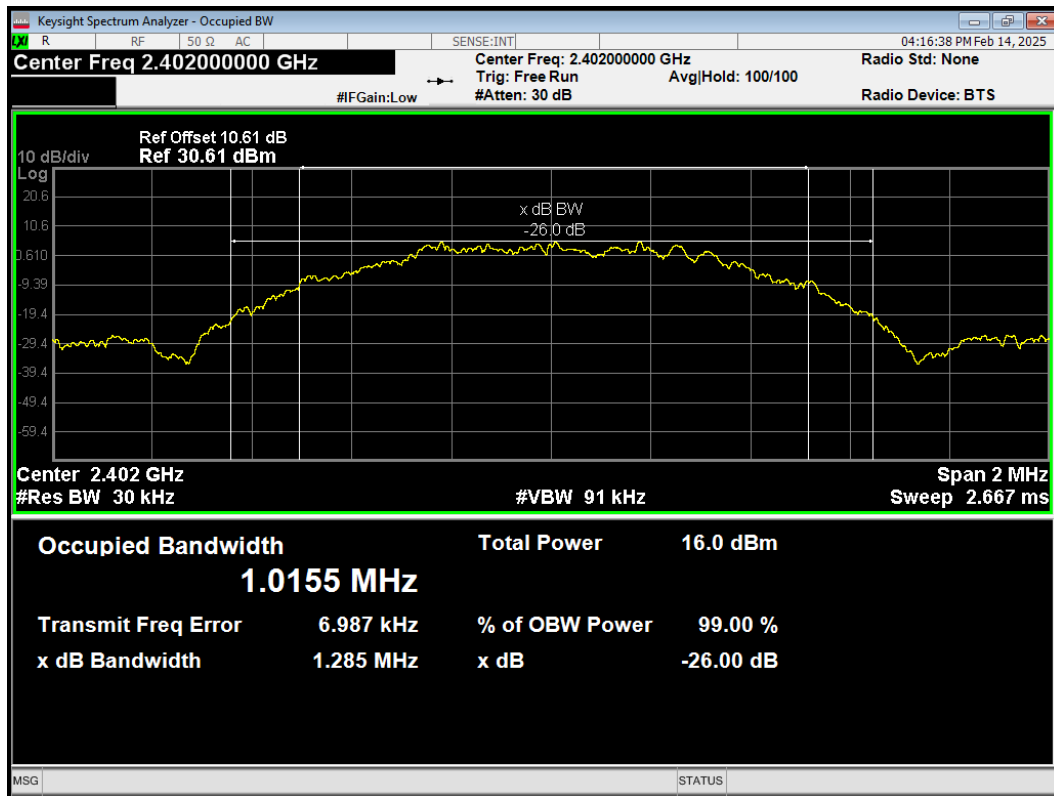
OBW Bluetooth LE (2M) 2440MHz



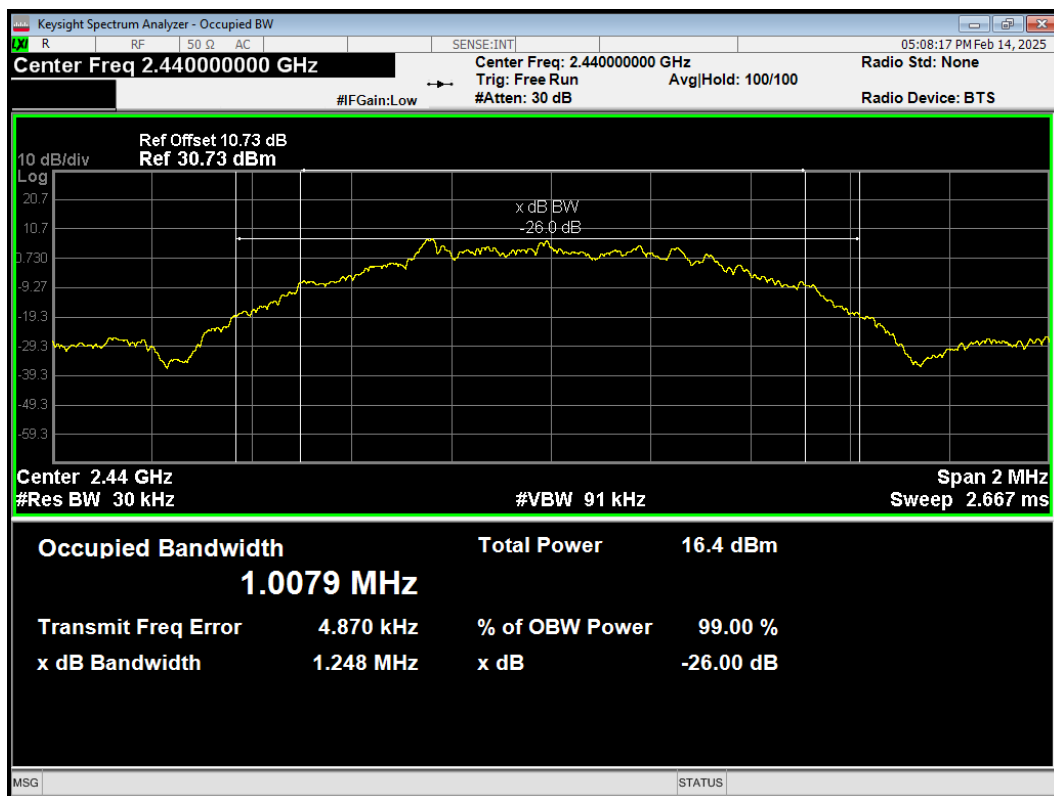
OBW Bluetooth LE (2M) 2480MHz



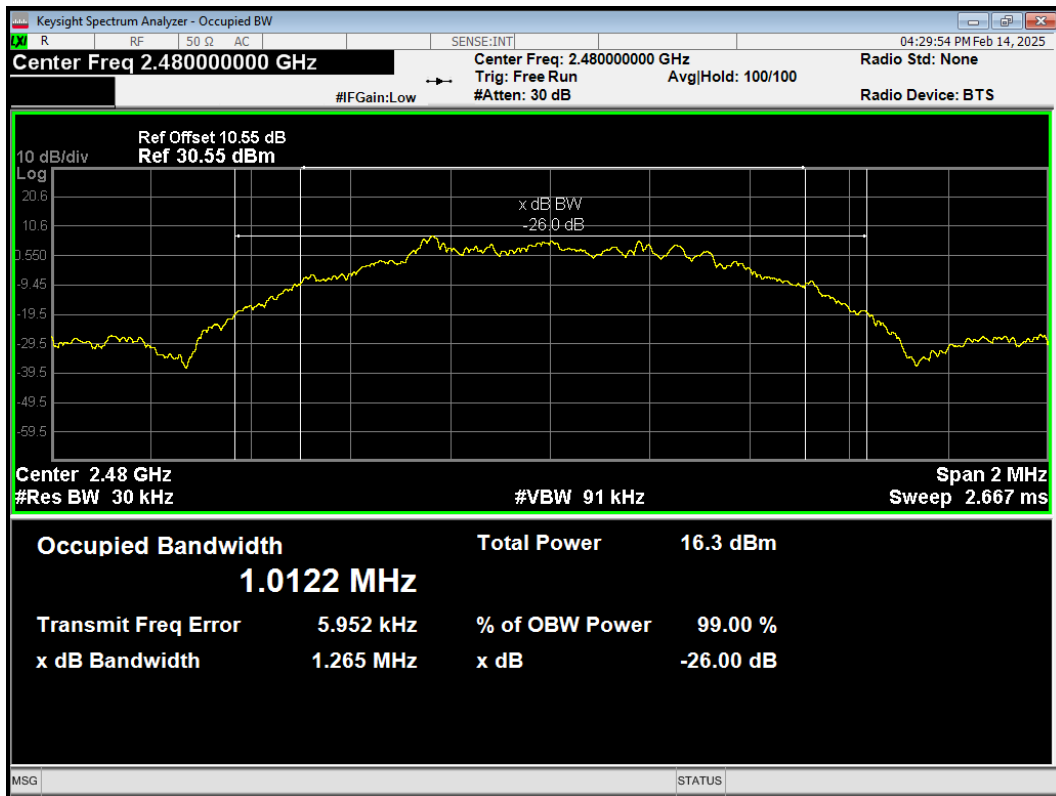
OBW Bluetooth LE (S=2) 2402MHz



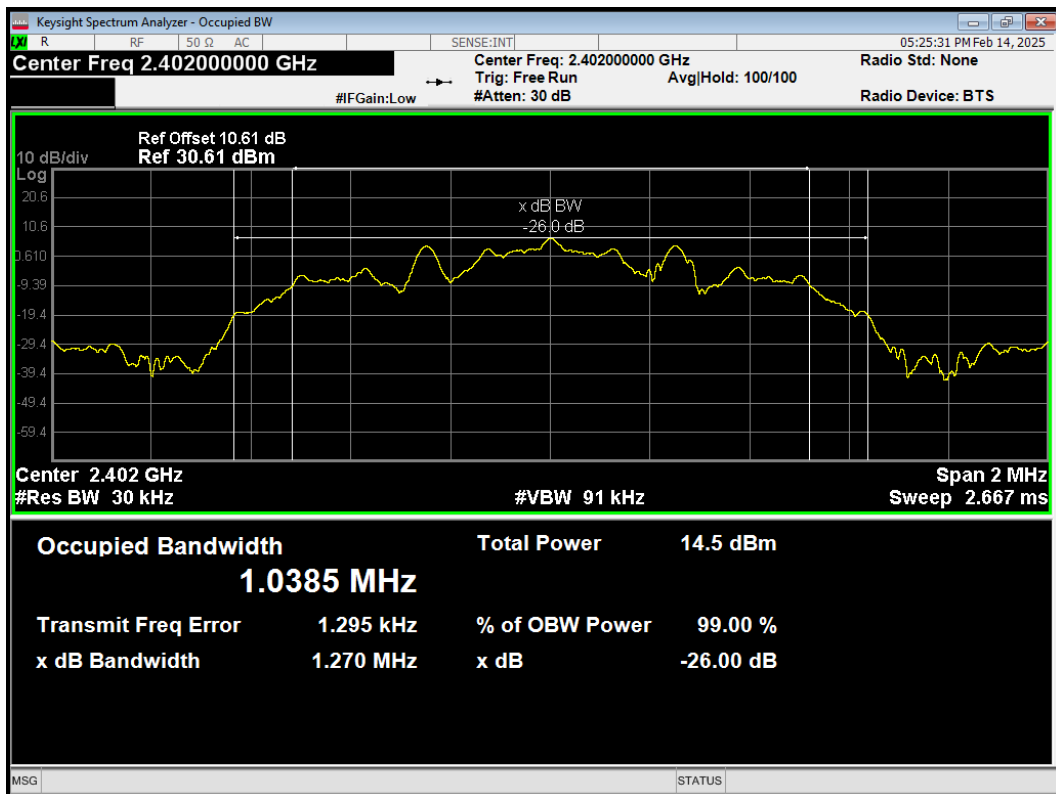
OBW Bluetooth LE (S=2) 2440MHz



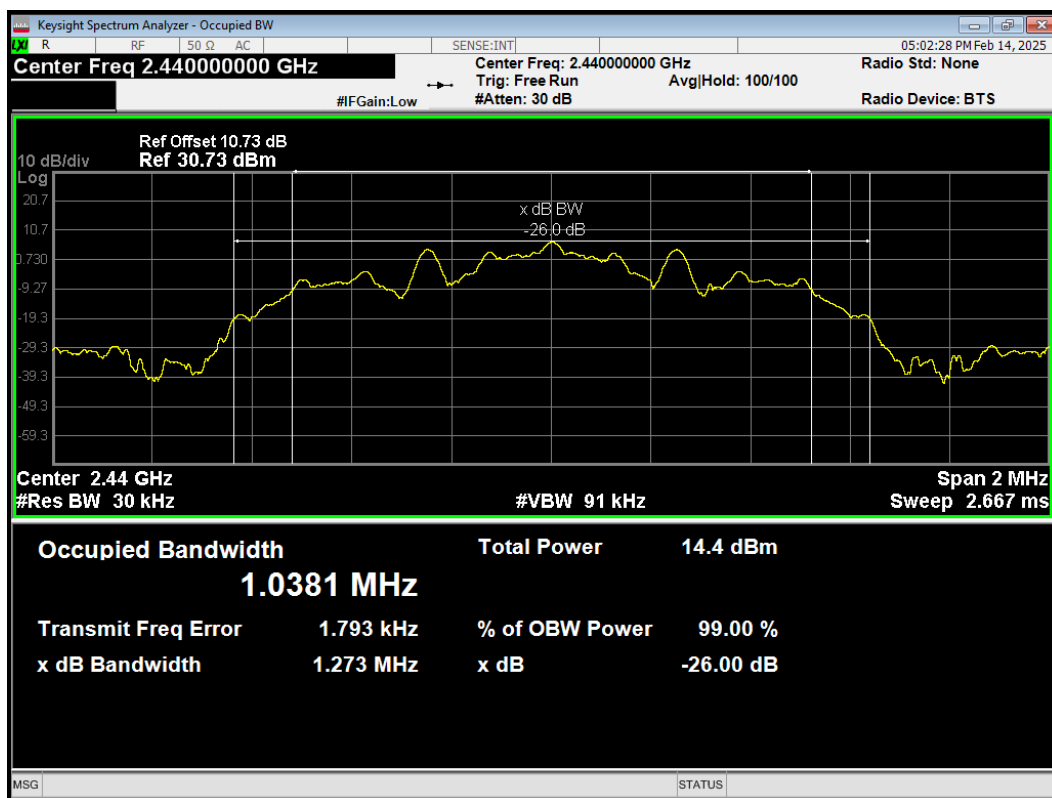
OBW Bluetooth LE (S=2) 2480MHz



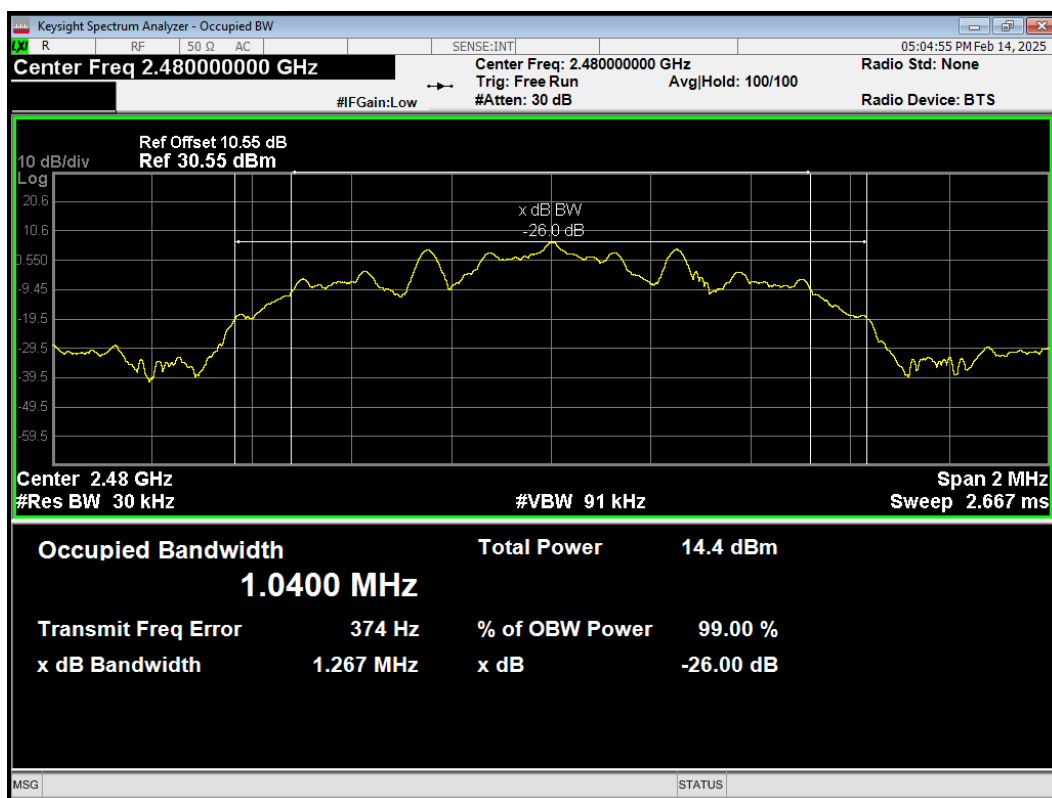
OBW Bluetooth LE (S=8) 2402MHz



OBW Bluetooth LE (S=8) 2440MHz

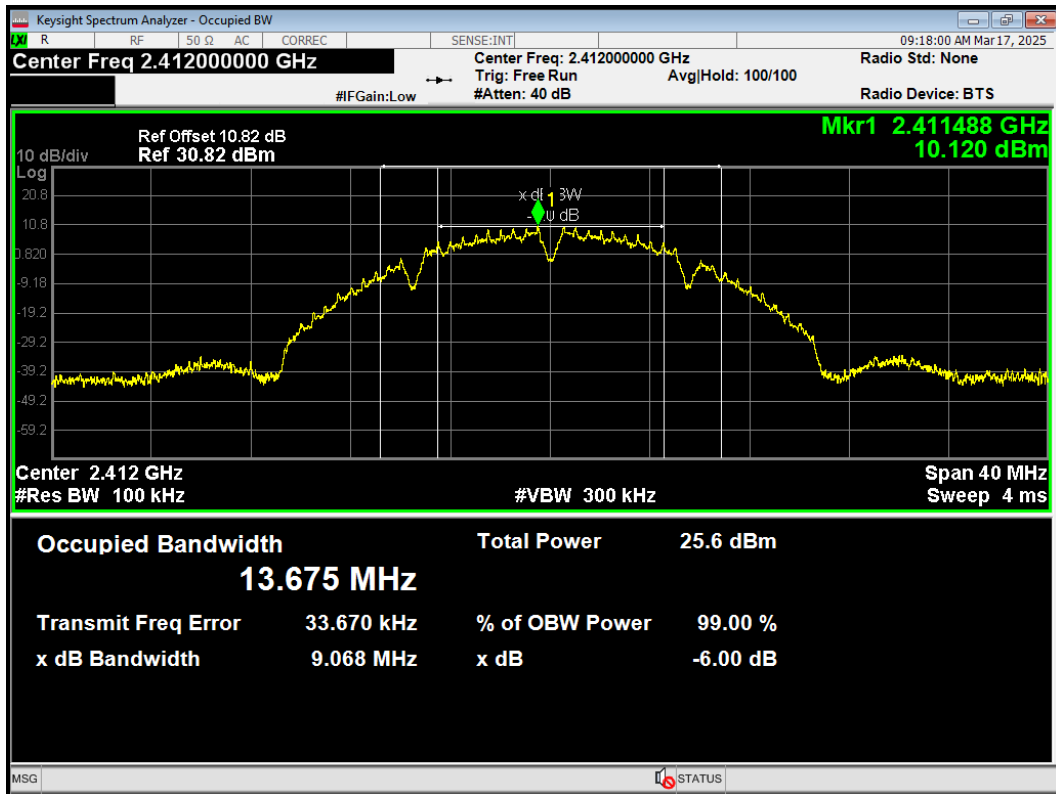


OBW Bluetooth LE (S=8) 2480MHz

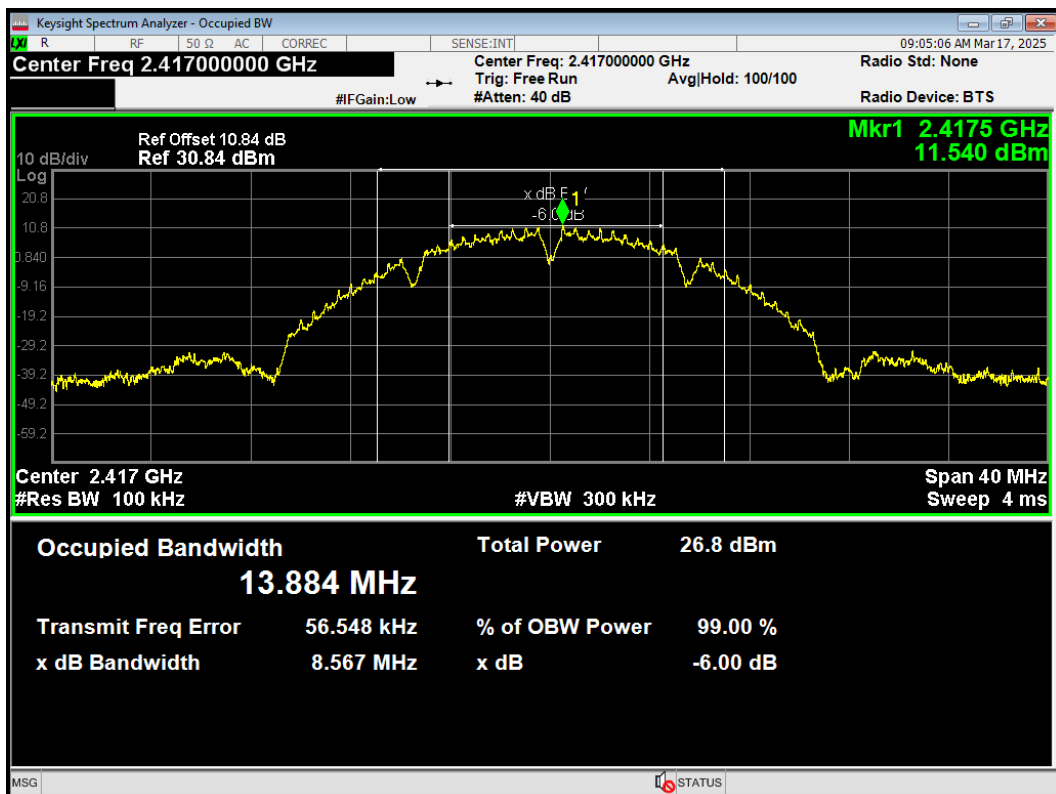


6 dB bandwidth

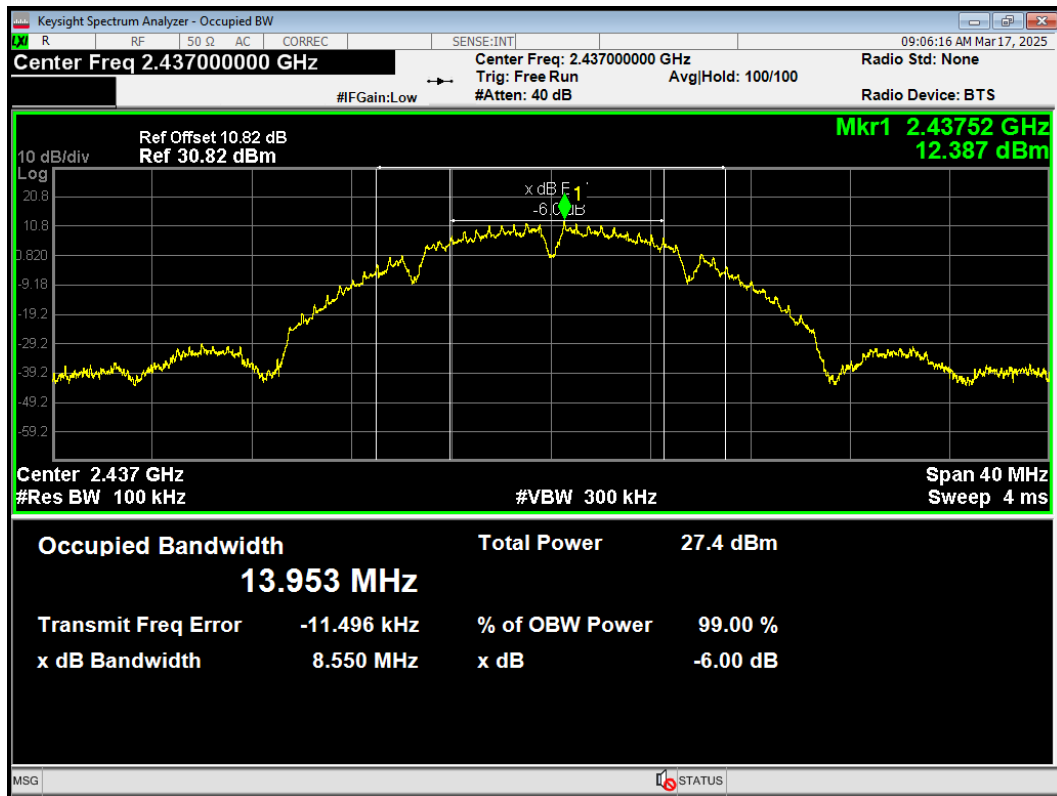
-6dB Bandwidth 802.11b 2412MHz



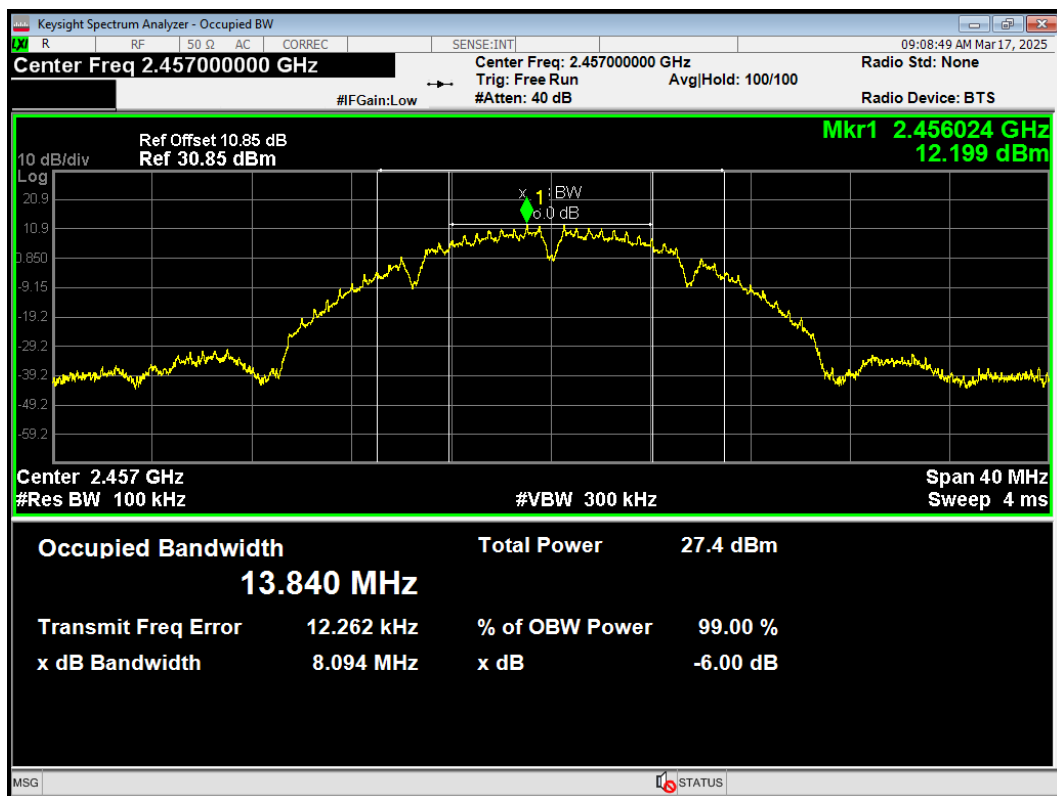
-6dB Bandwidth 802.11b 2417MHz



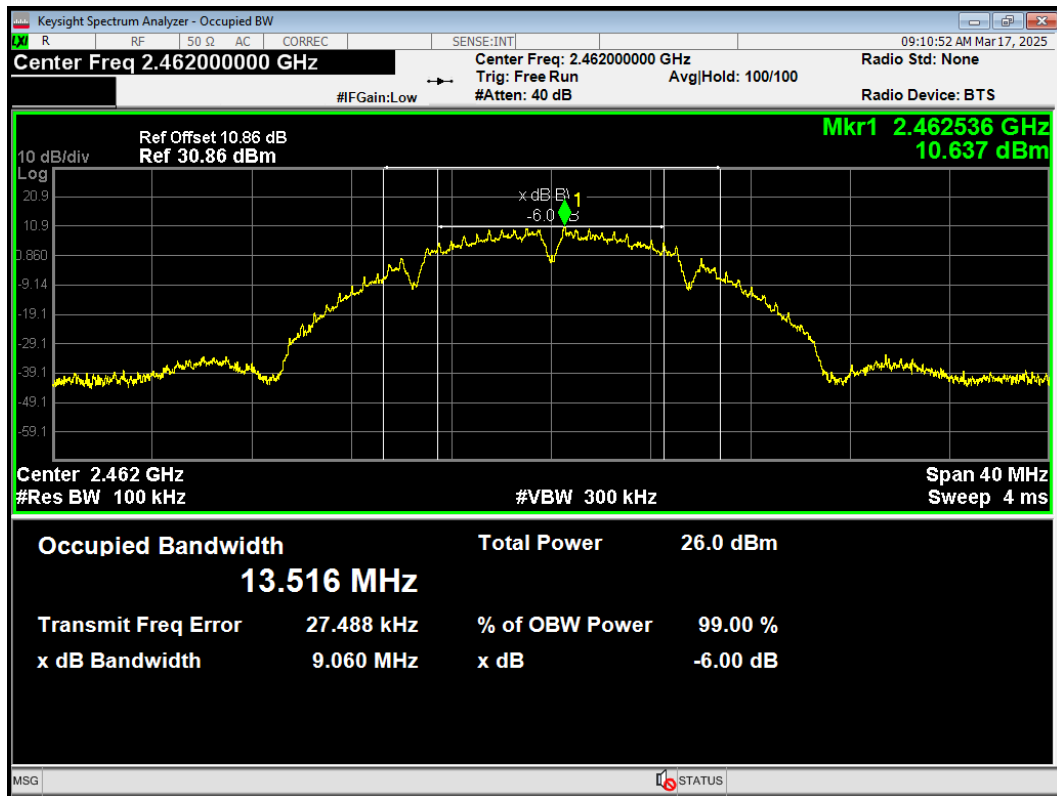
-6dB Bandwidth 802.11b 2437MHz



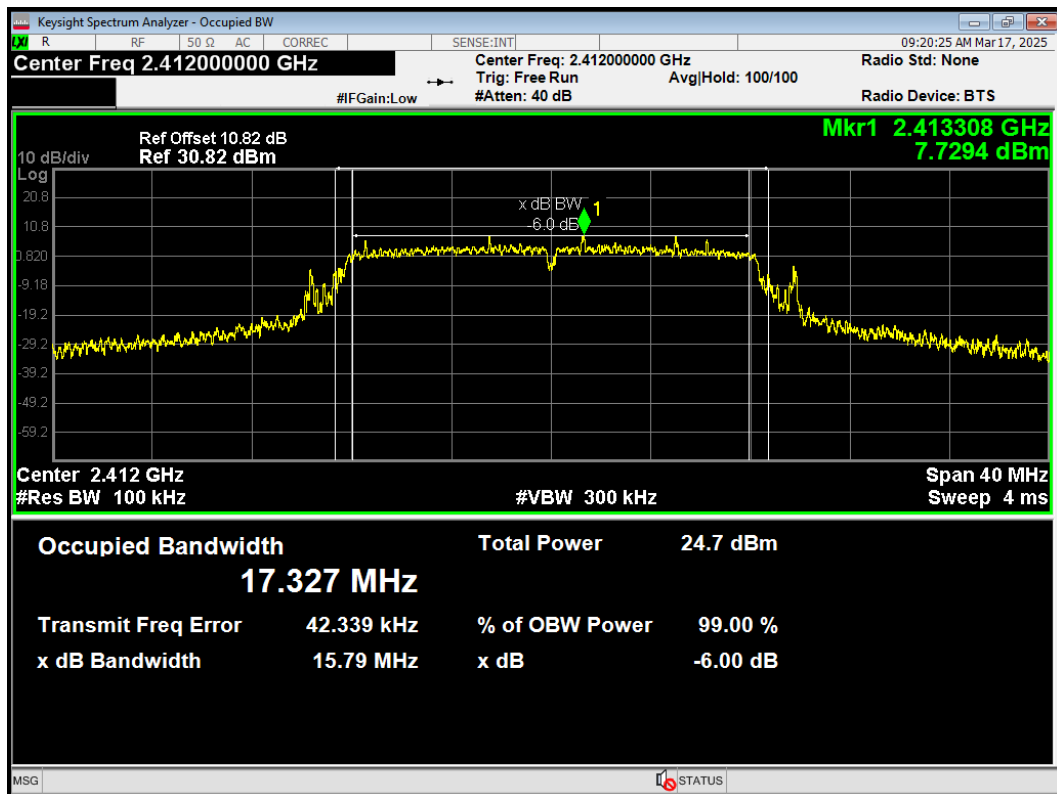
-6dB Bandwidth 802.11b 2457MHz



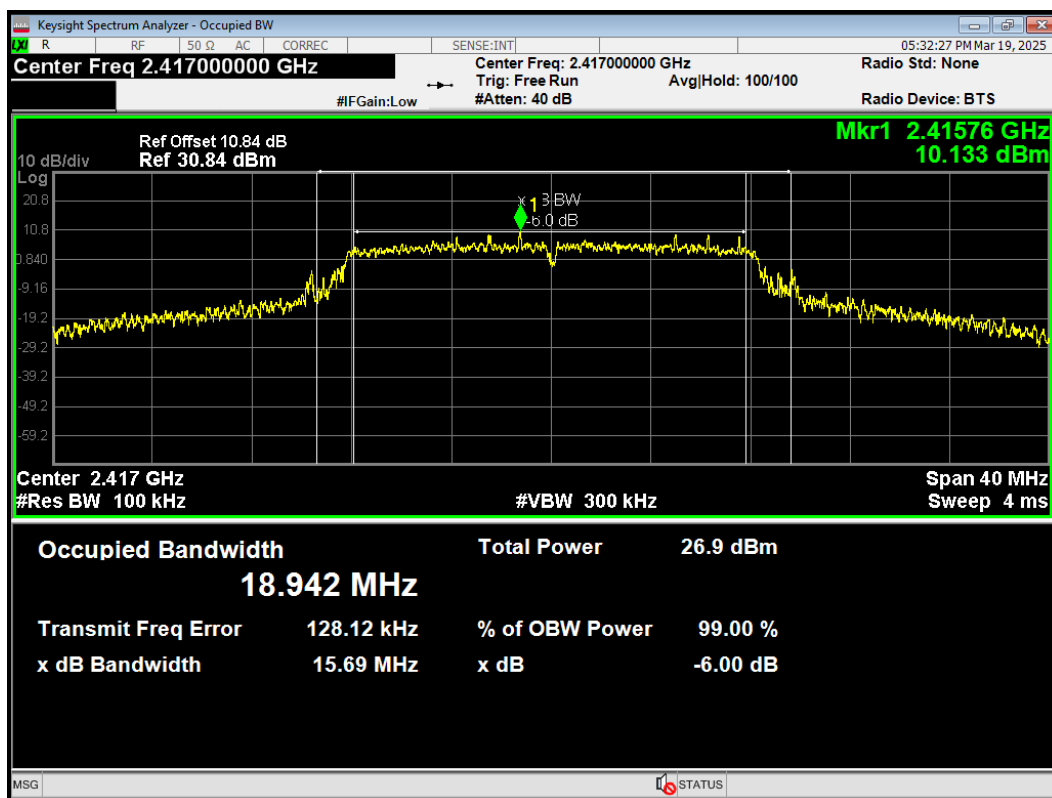
-6dB Bandwidth 802.11b 2462MHz



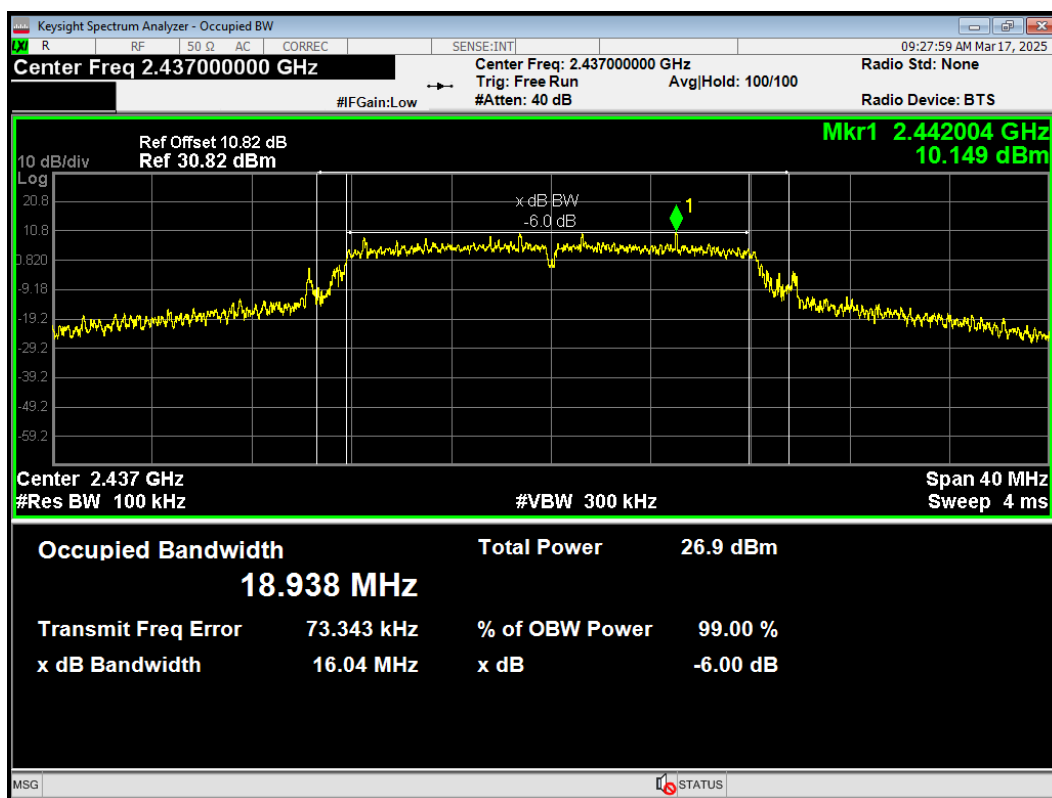
-6dB Bandwidth 802.11g 2412MHz



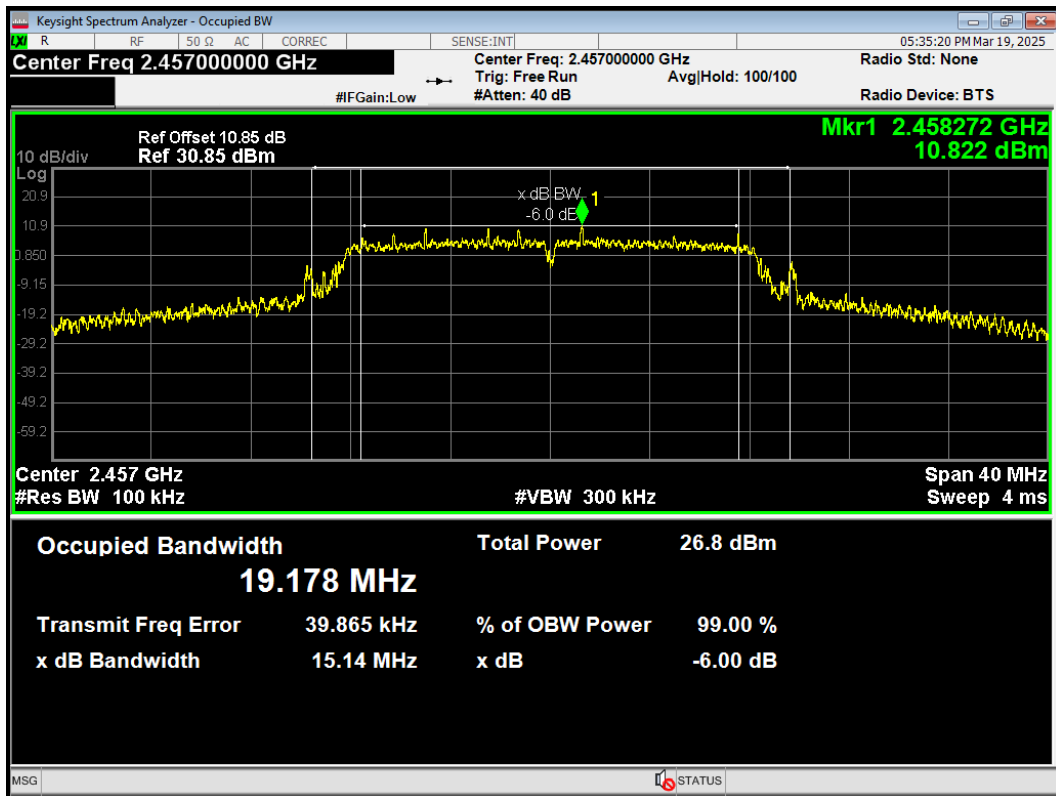
-6dB Bandwidth 802.11g 2417MHz



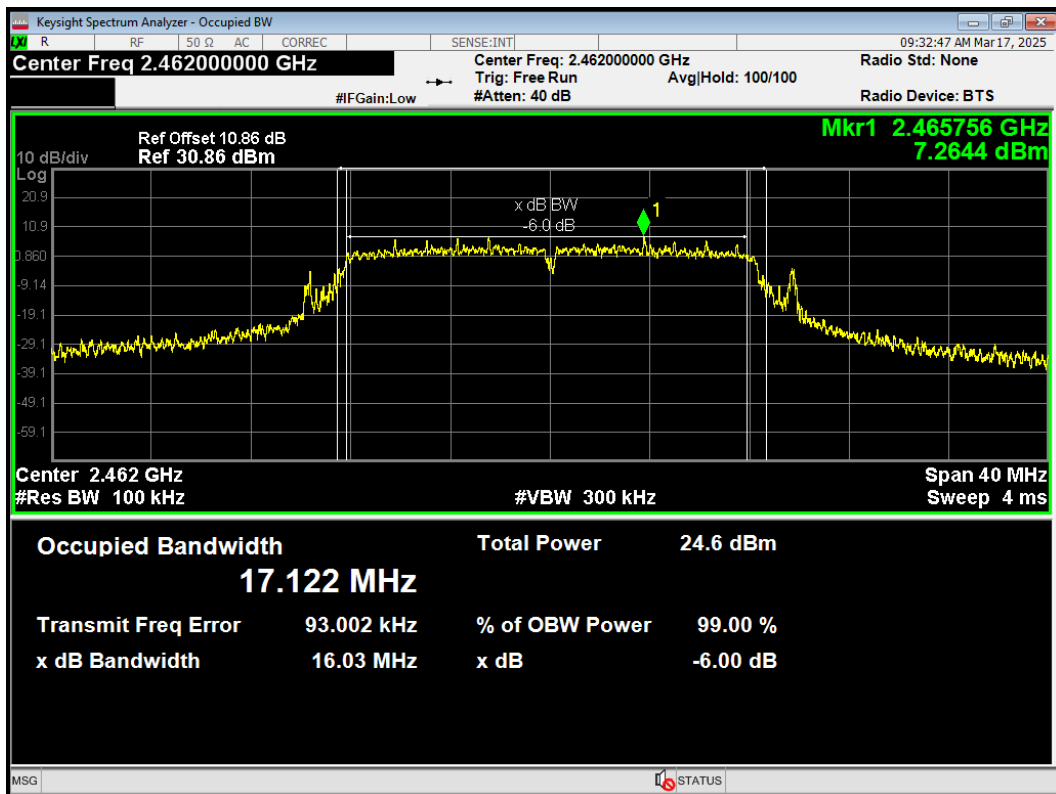
-6dB Bandwidth 802.11g 2437MHz



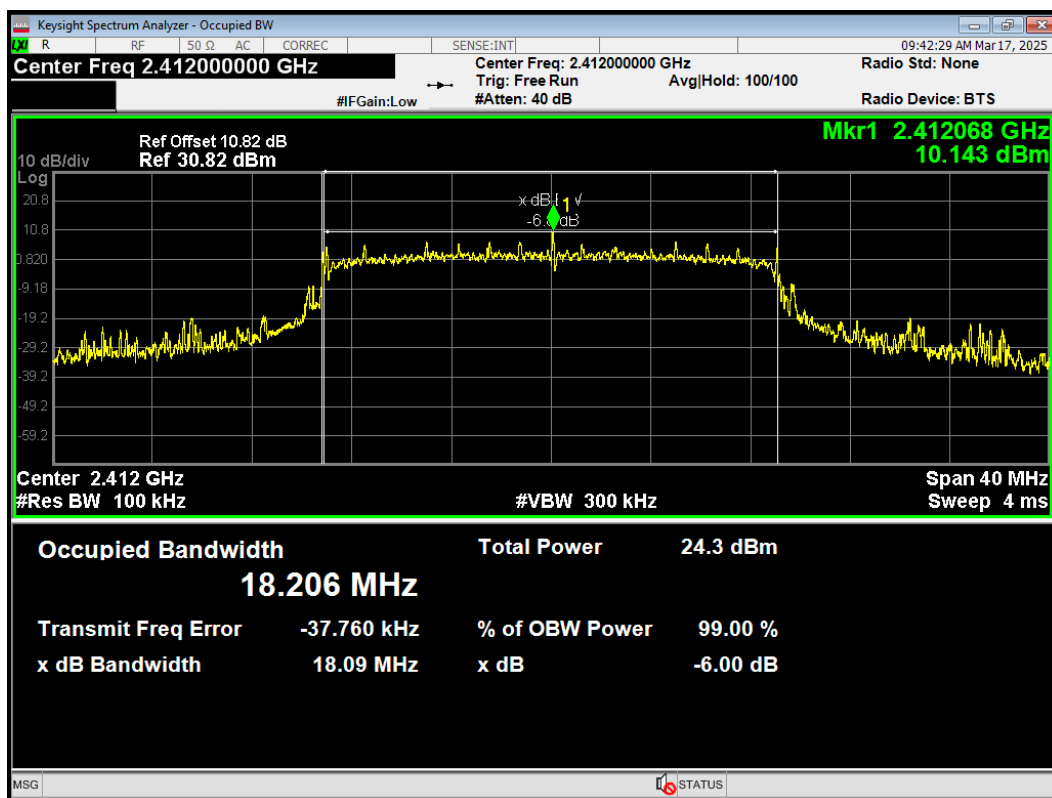
-6dB Bandwidth 802.11g 2457MHz



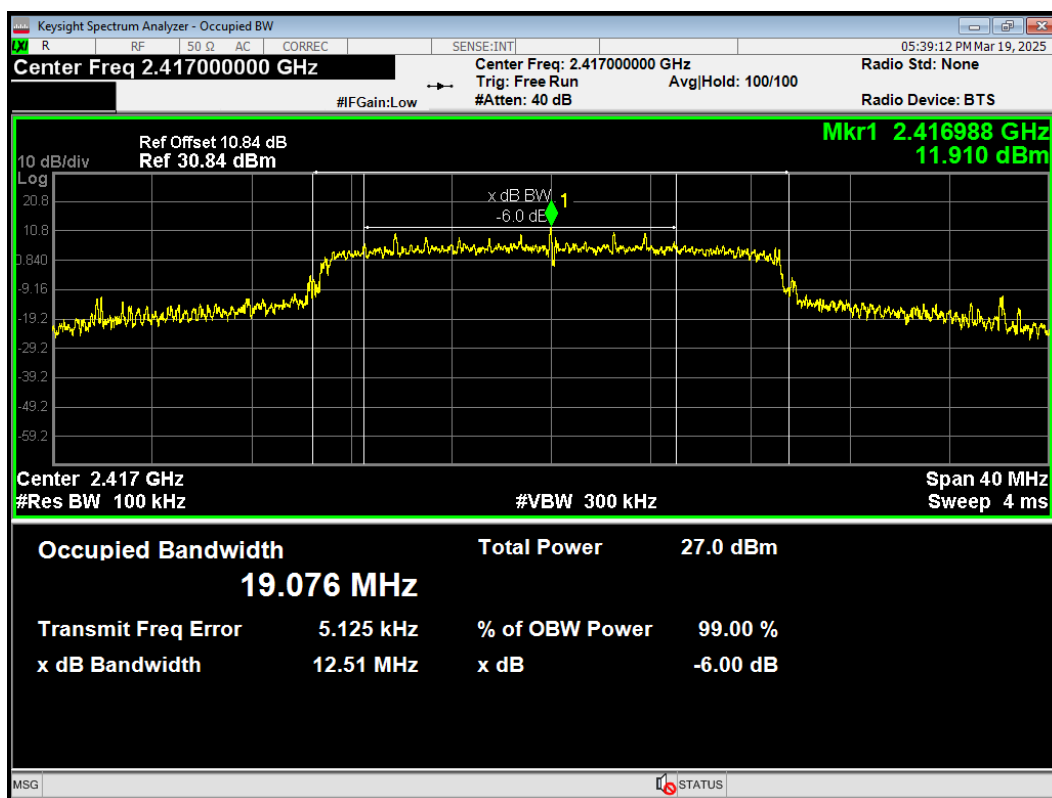
-6dB Bandwidth 802.11g 2462MHz



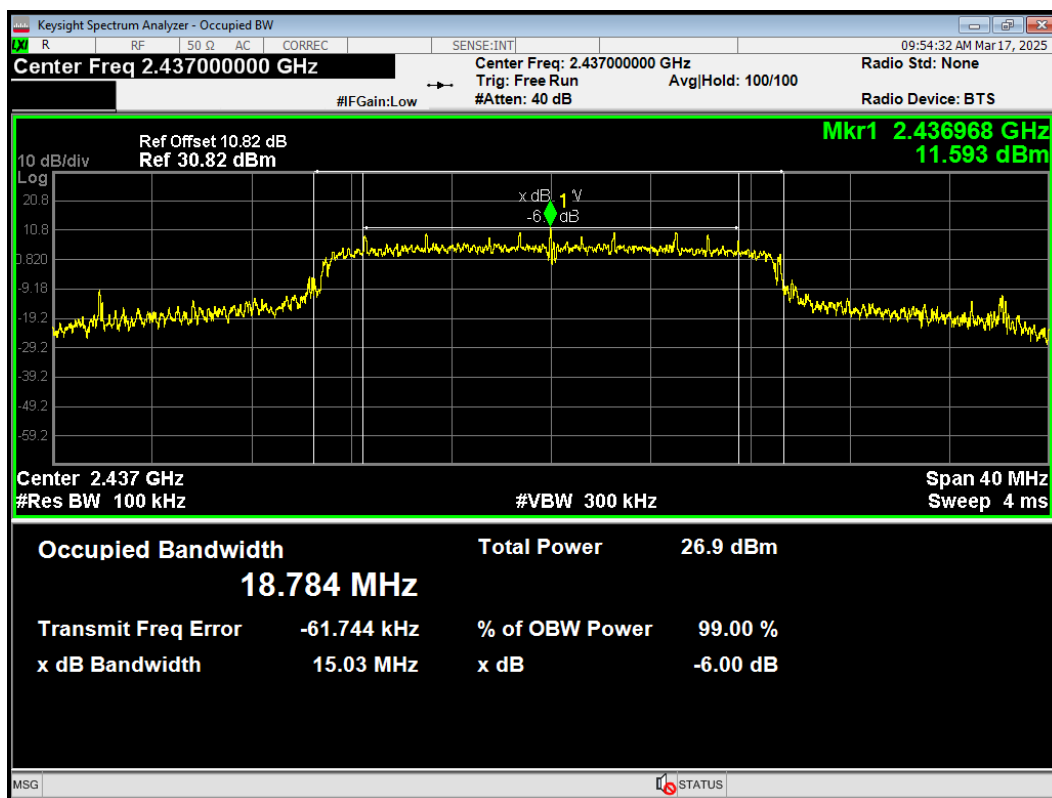
-6dB Bandwidth 802.11n(HT20) 2412MHz



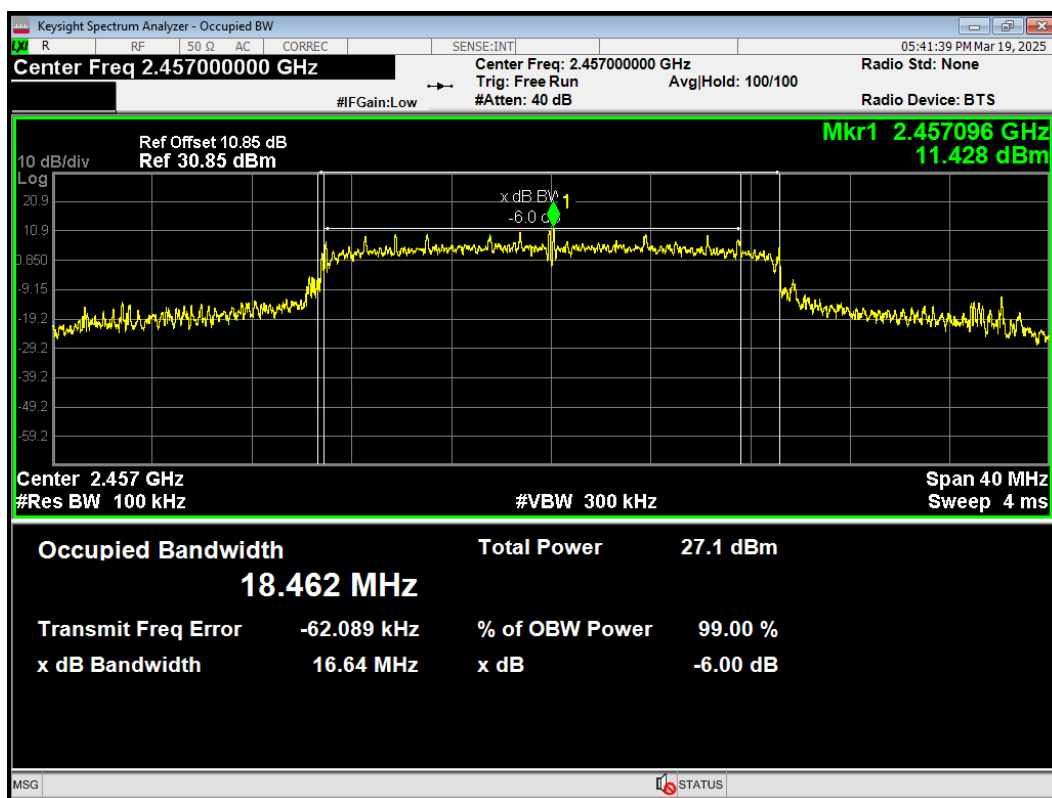
-6dB Bandwidth 802.11n(HT20) 2417MHz



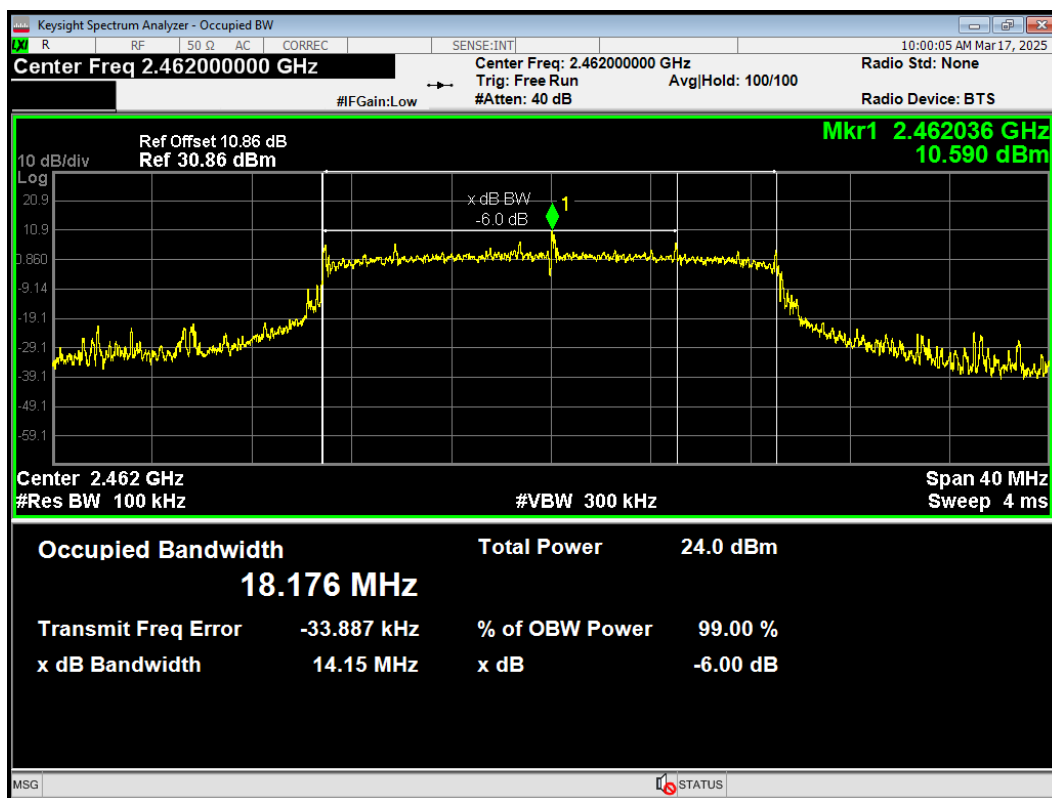
-6dB Bandwidth 802.11n(HT20) 2437MHz



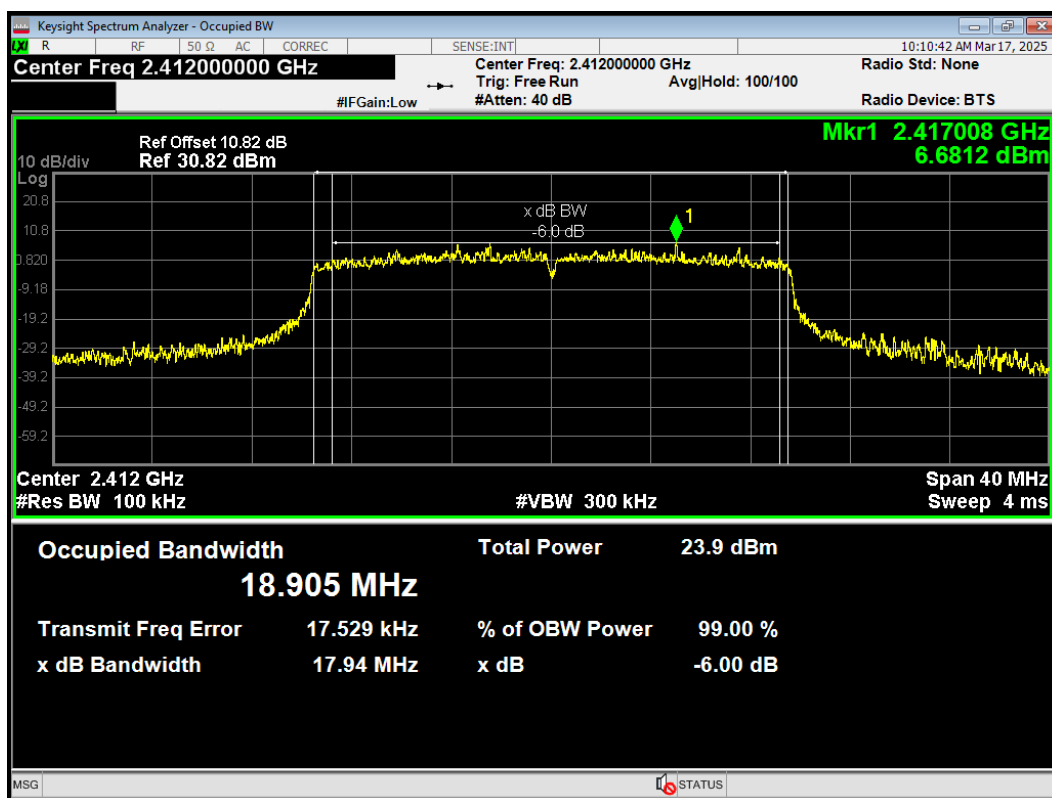
-6dB Bandwidth 802.11n(HT20) 2457MHz



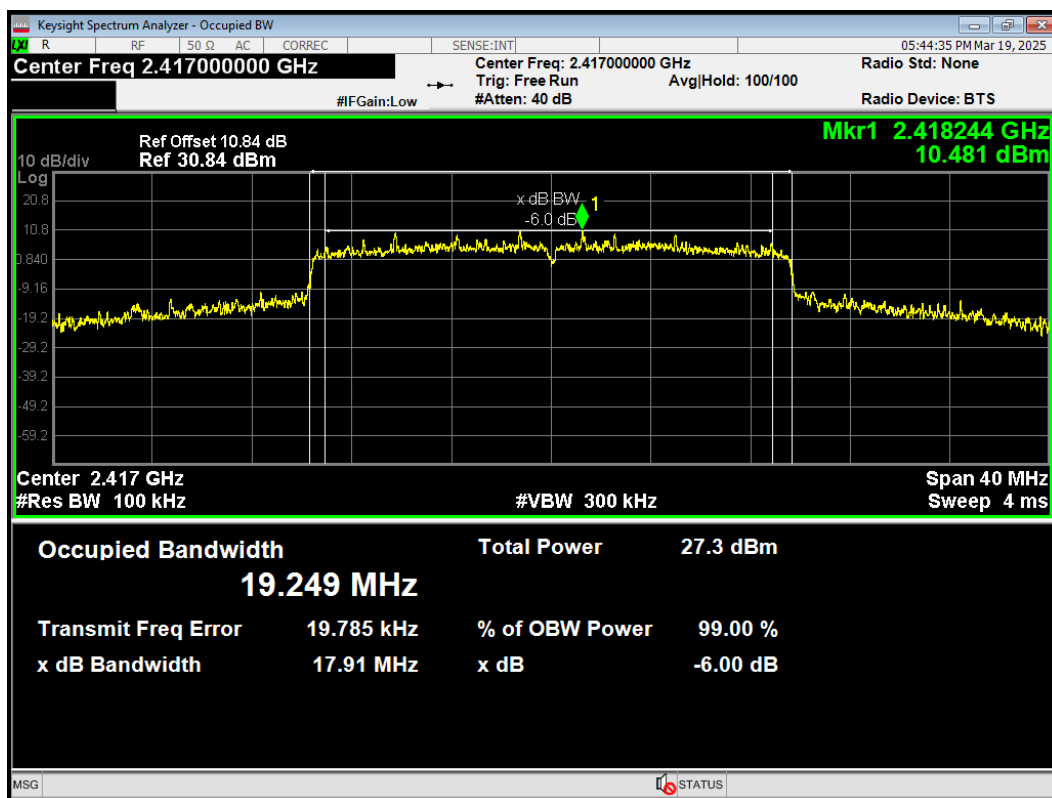
-6dB Bandwidth 802.11n(HT20) 2462MHz



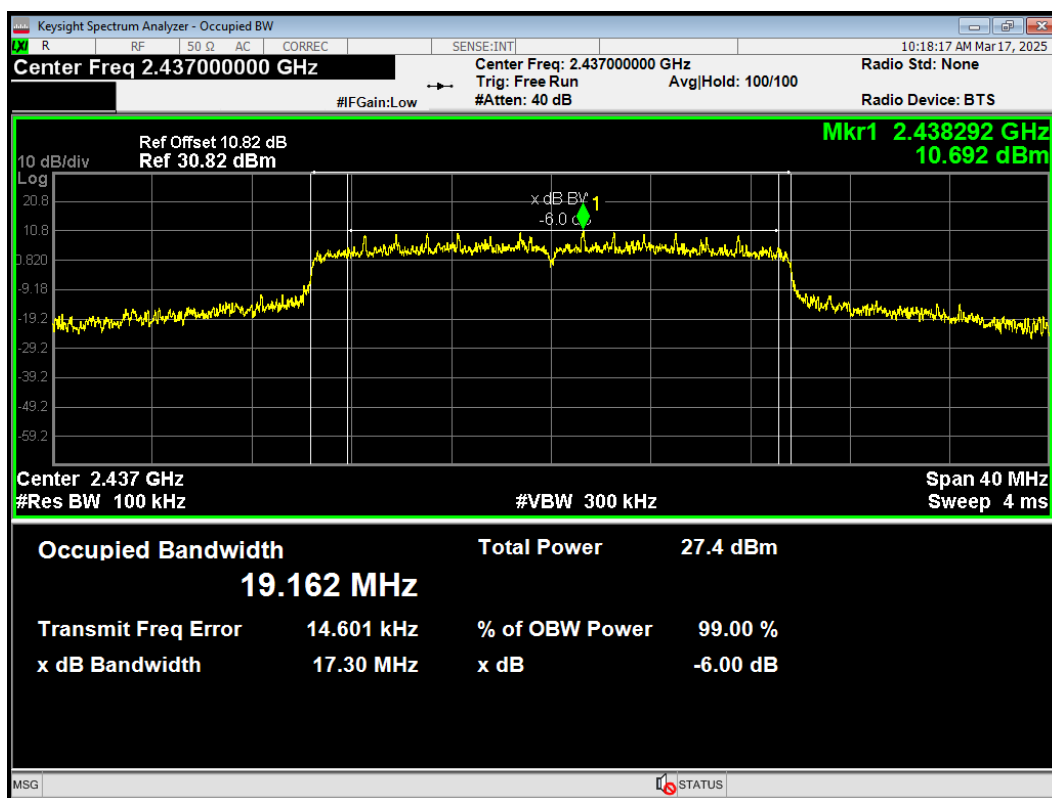
-6dB Bandwidth 802.11ax(HE20) 2412MHz



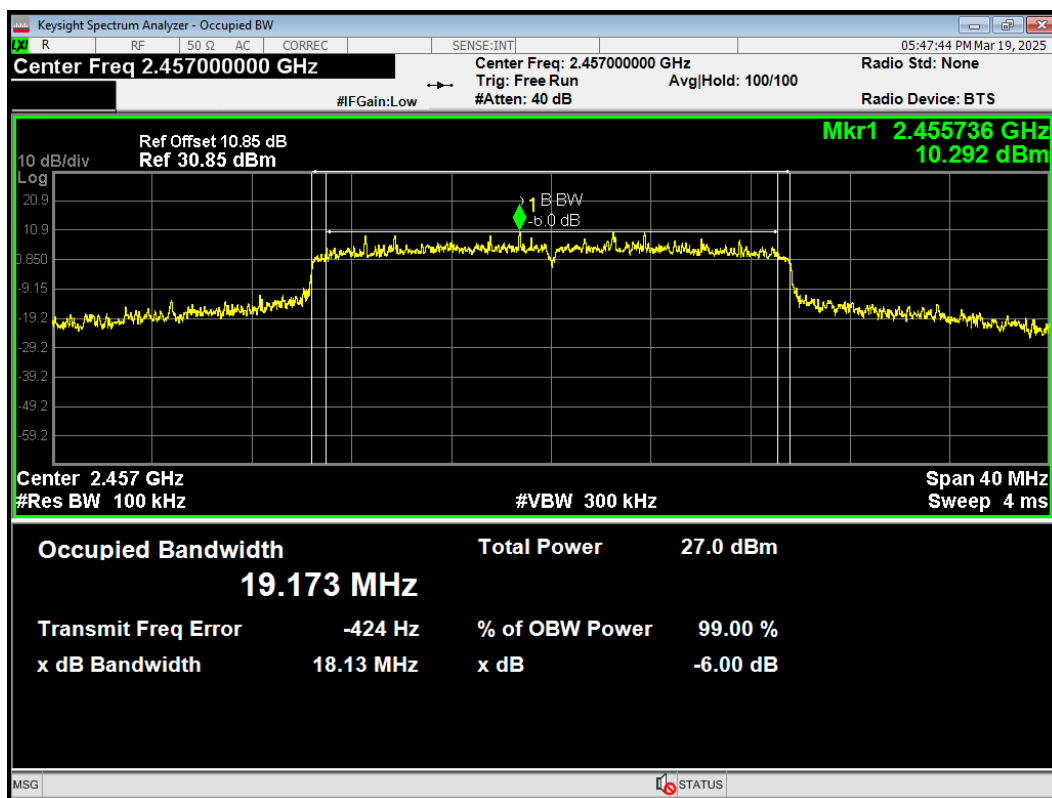
-6dB Bandwidth 802.11ax(HE20) 2417MHz



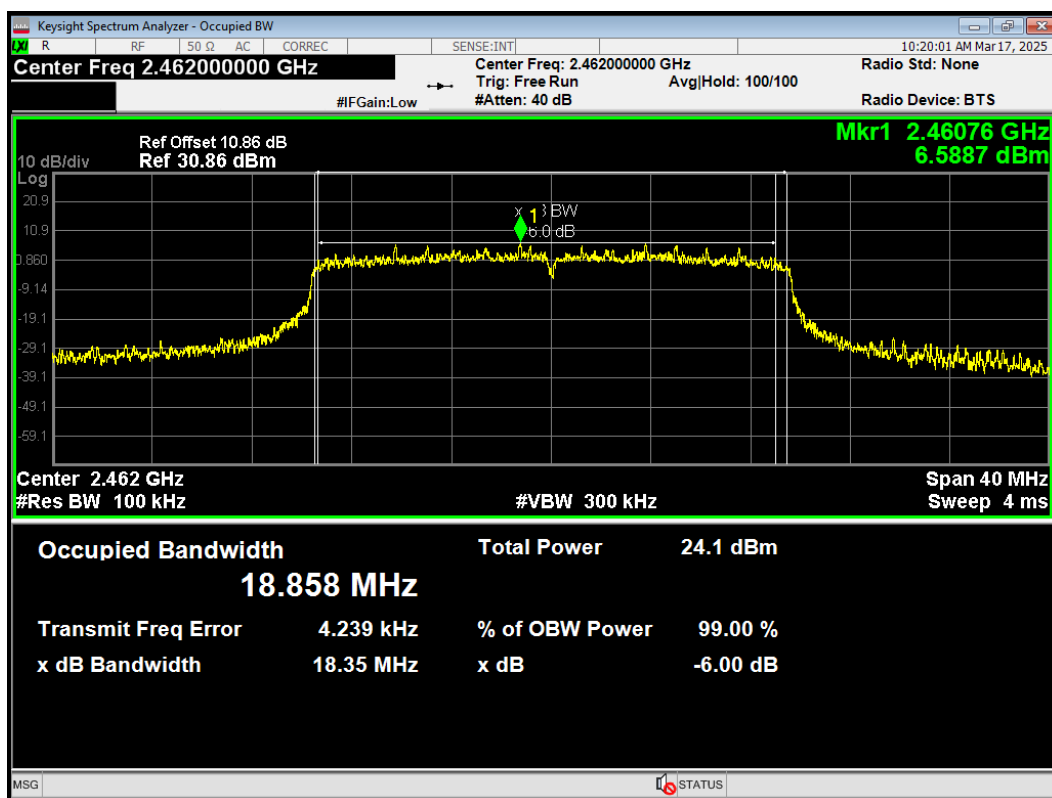
-6dB Bandwidth 802.11ax(HE20) 2437MHz



-6dB Bandwidth 802.11ax(HE20) 2457MHz

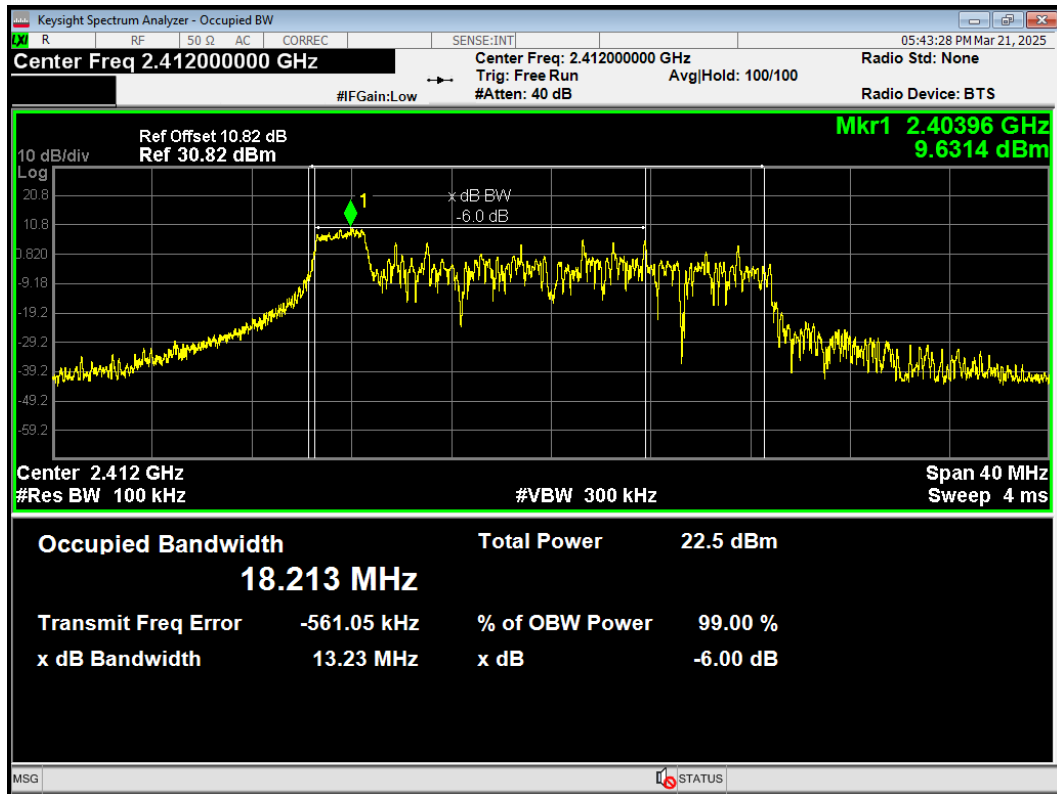


-6dB Bandwidth 802.11ax(HE20) 2462MHz

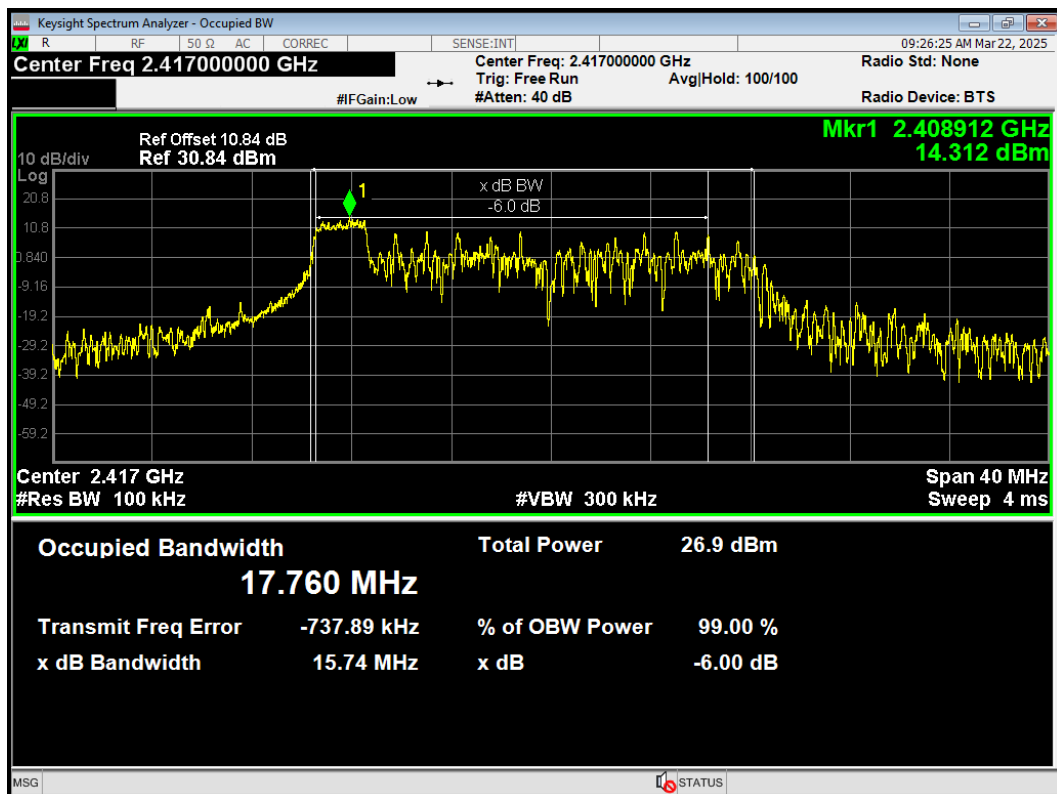


RU Mode

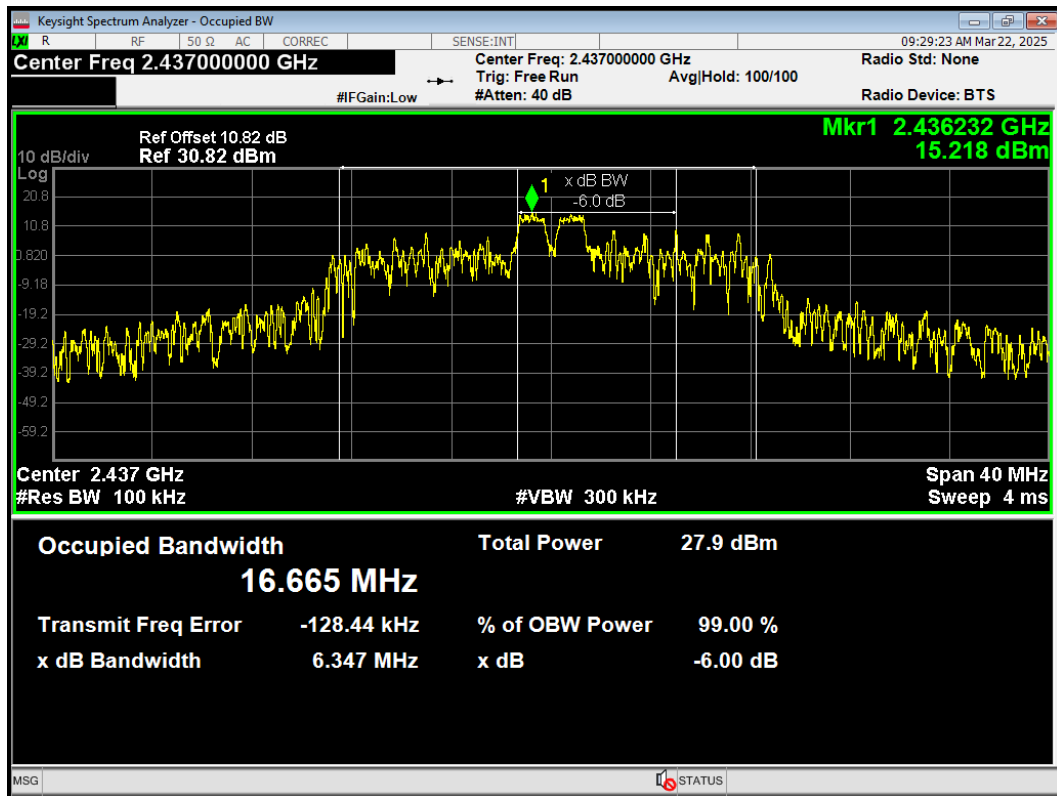
-6dB Bandwidth 802.11ax(HE20) 26T 2412MHz



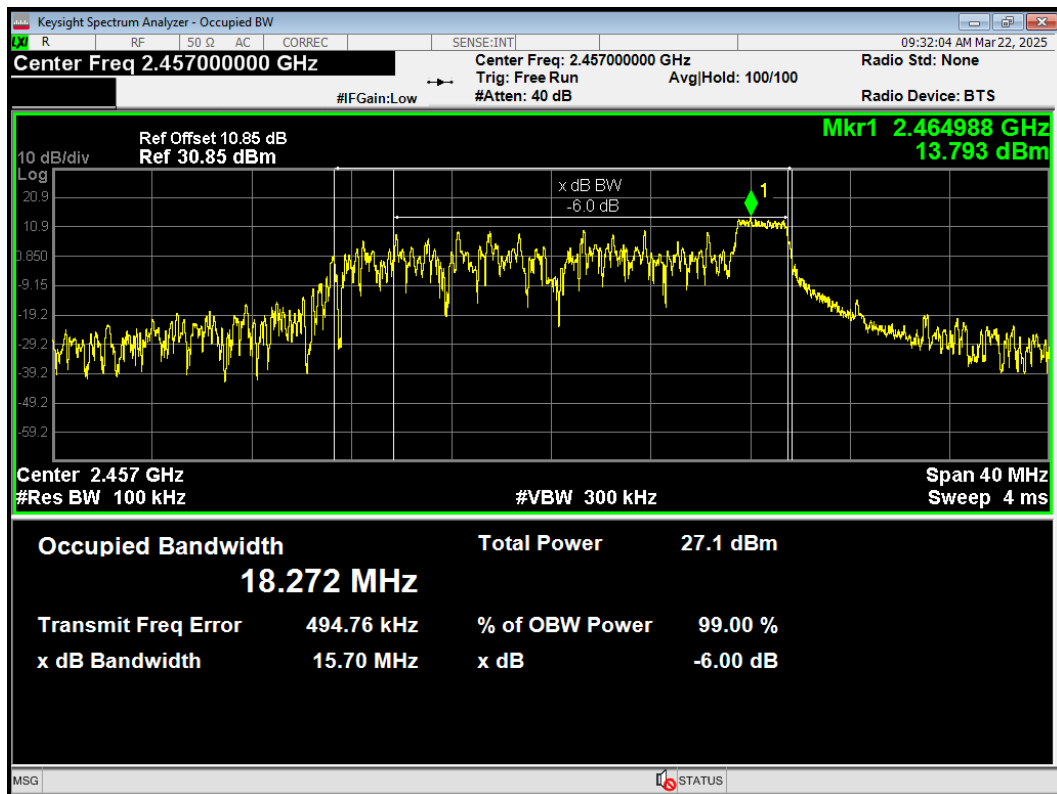
-6dB Bandwidth 802.11ax(HE20) 26T 2417MHz



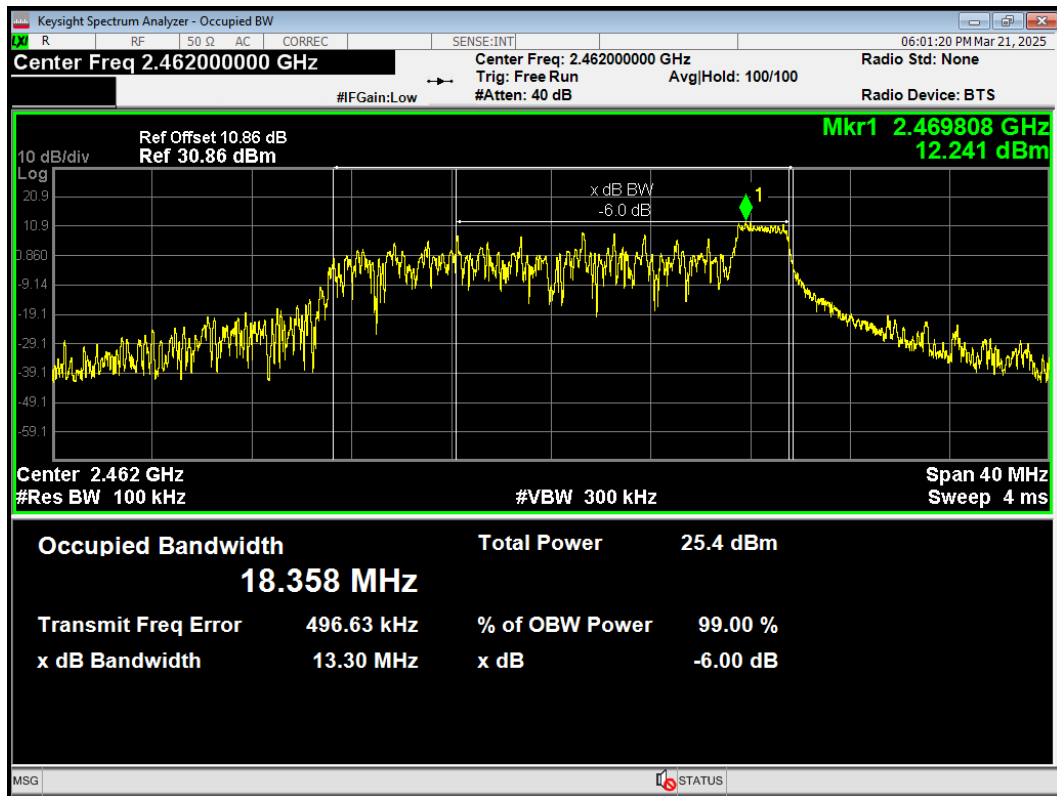
-6dB Bandwidth 802.11ax(HE20) 26T 2437MHz



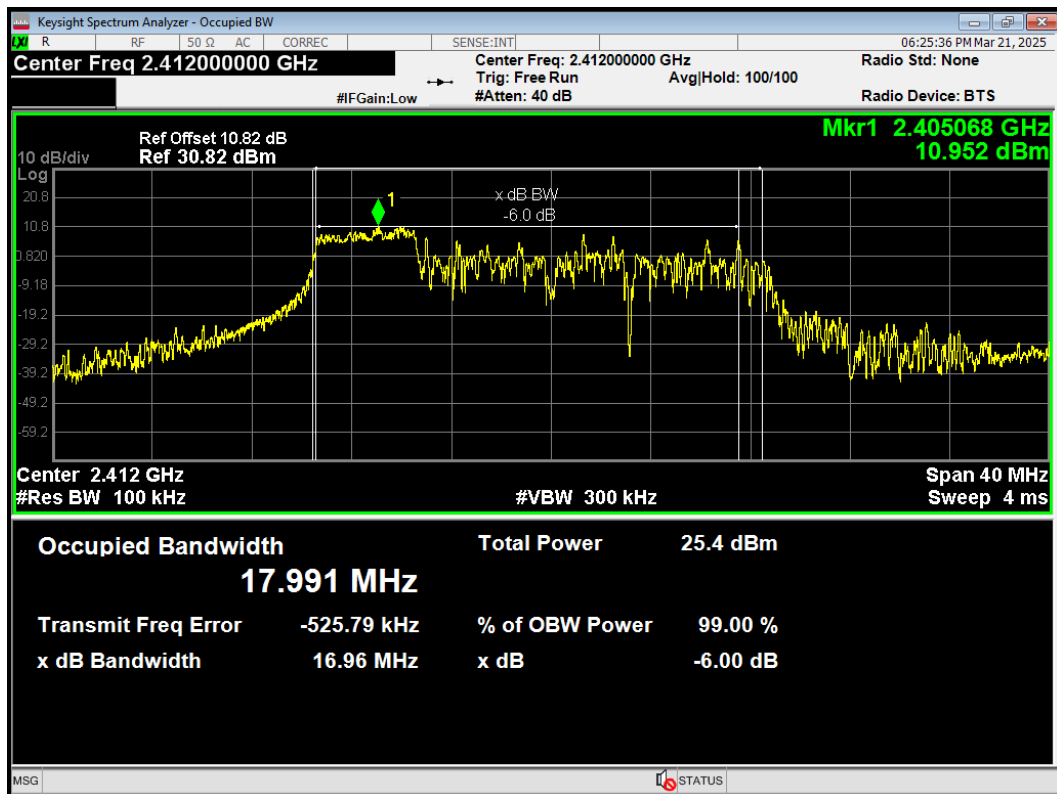
-6dB Bandwidth 802.11ax(HE20) 26T 2457MHz



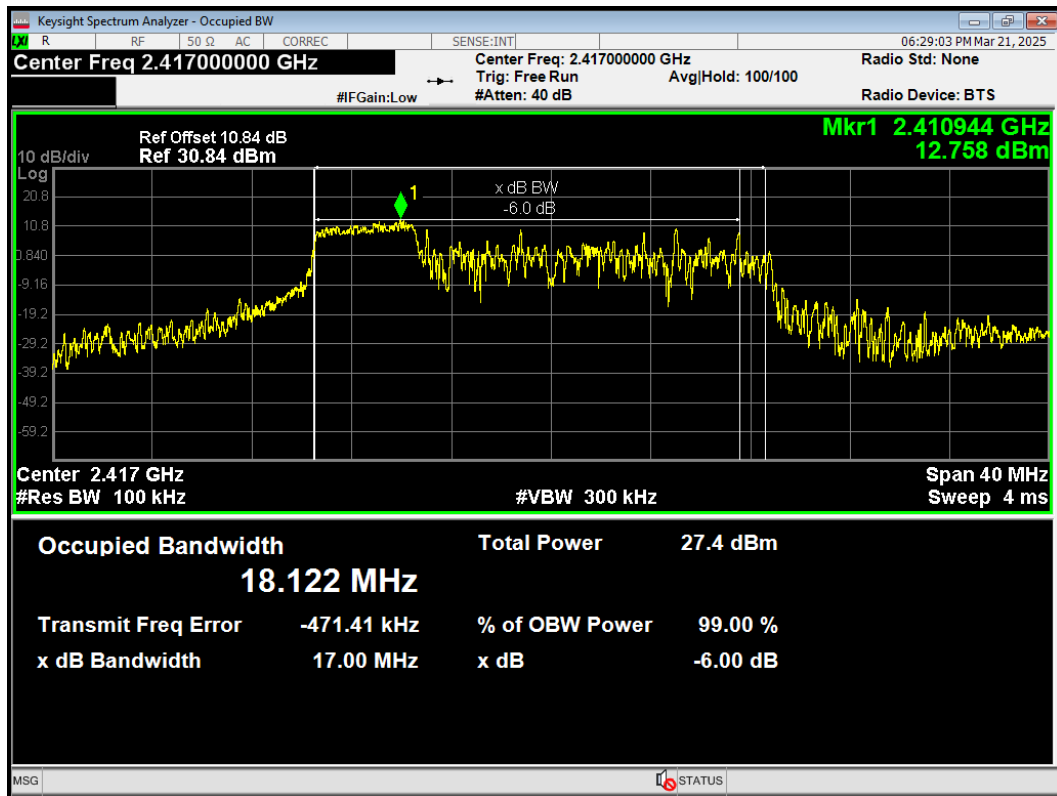
-6dB Bandwidth 802.11ax(HE20) 26T 2462MHz



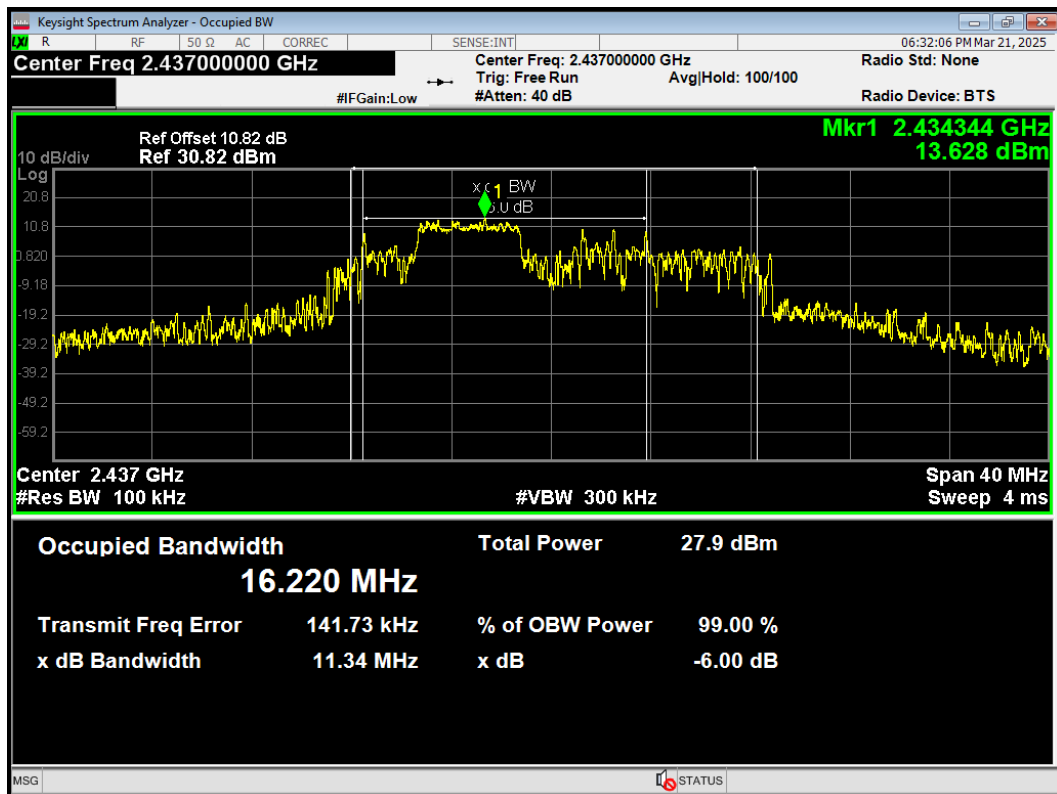
-6dB Bandwidth 802.11ax(HE20) 52T 2412MHz



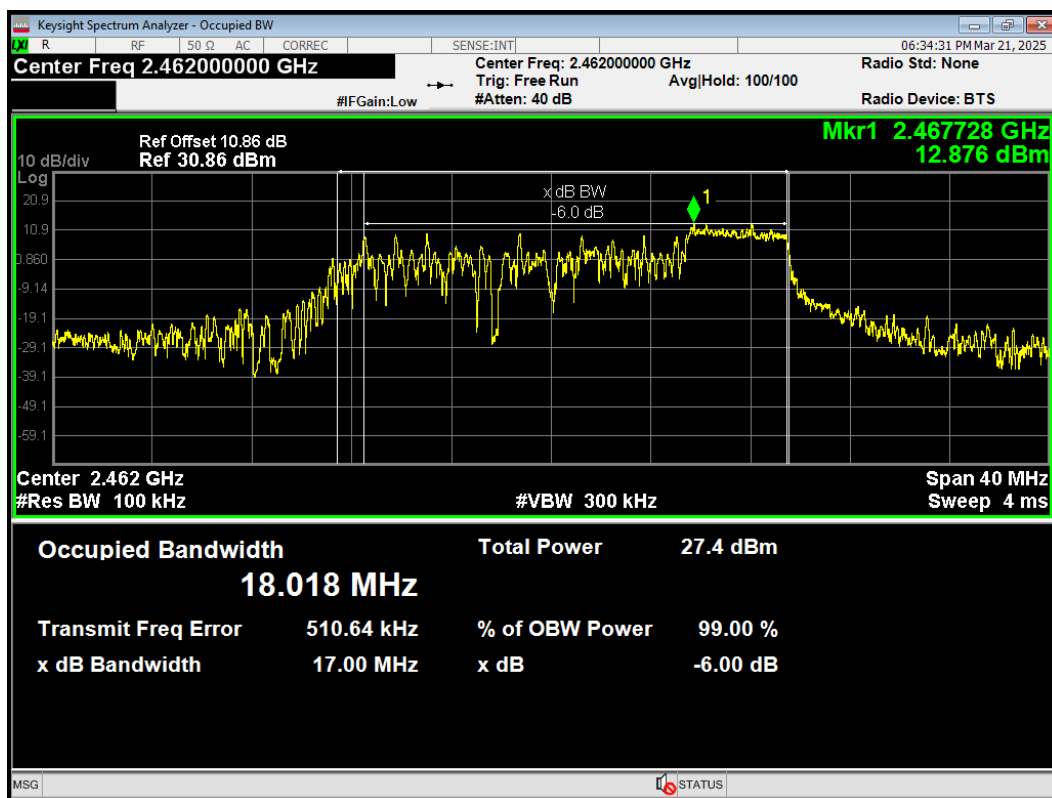
-6dB Bandwidth 802.11ax(HE20) 52T 2417MHz



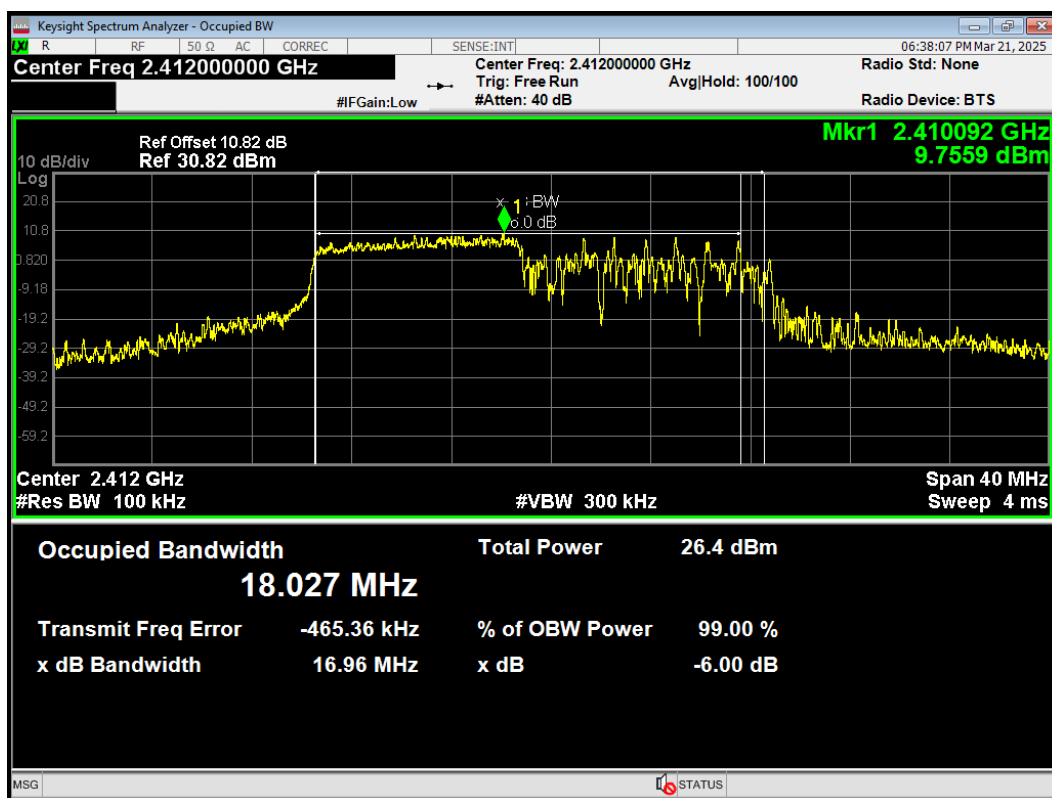
-6dB Bandwidth 802.11ax(HE20) 52T 2437MHz



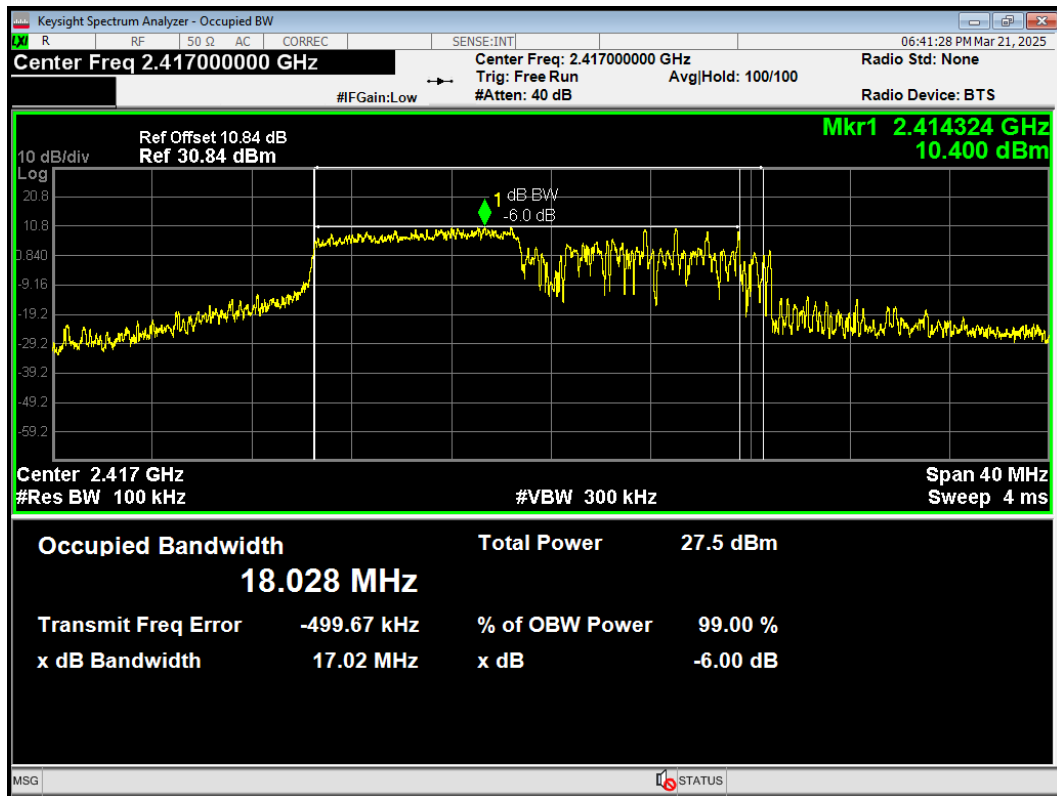
-6dB Bandwidth 802.11ax(HE20) 52T 2462MHz



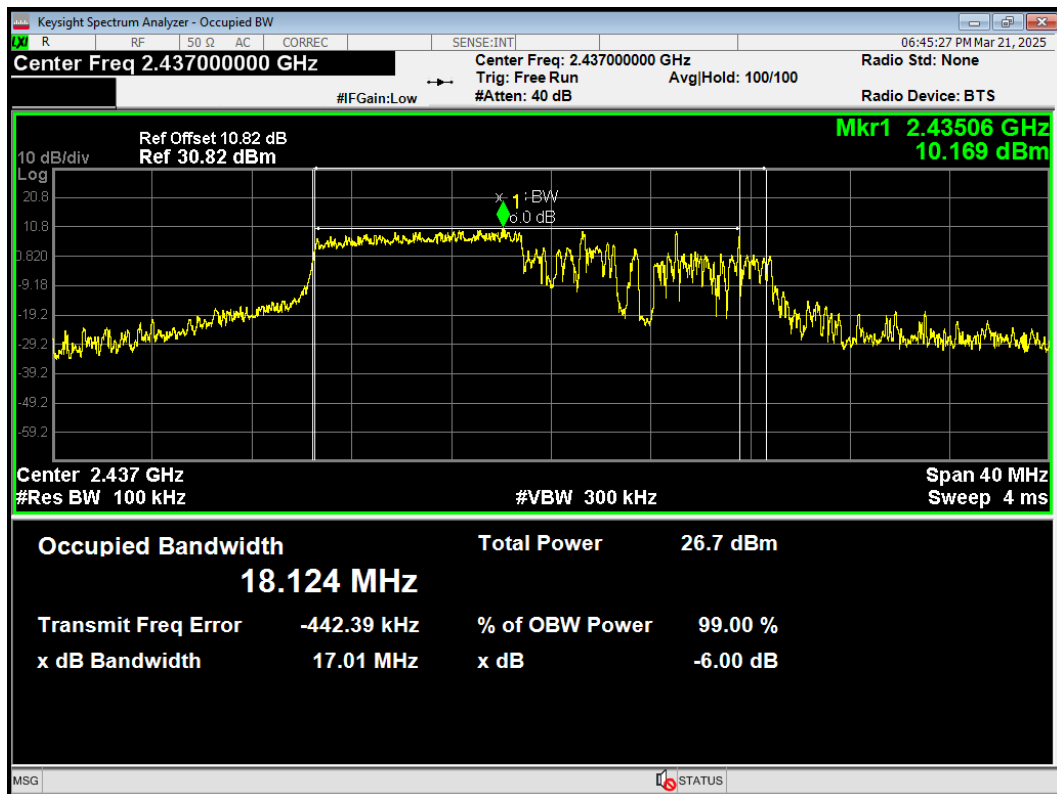
-6dB Bandwidth 802.11ax(HE20) 106T 2412MHz



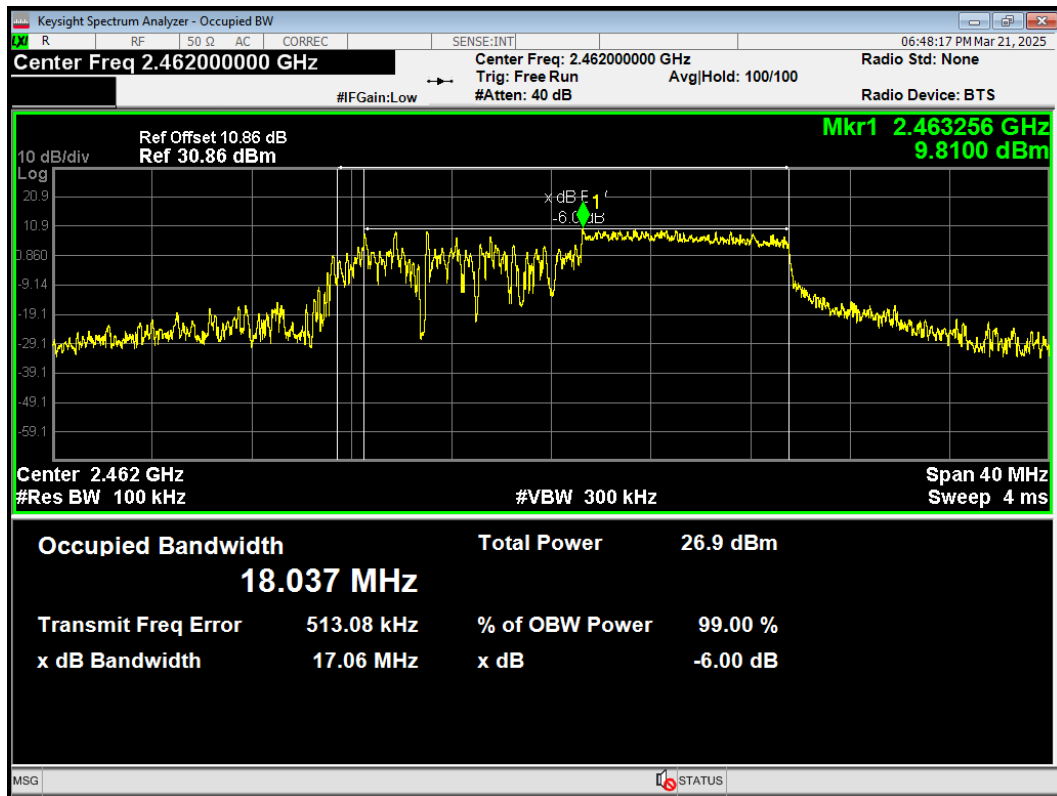
-6dB Bandwidth 802.11ax(HE20) 106T 2417MHz



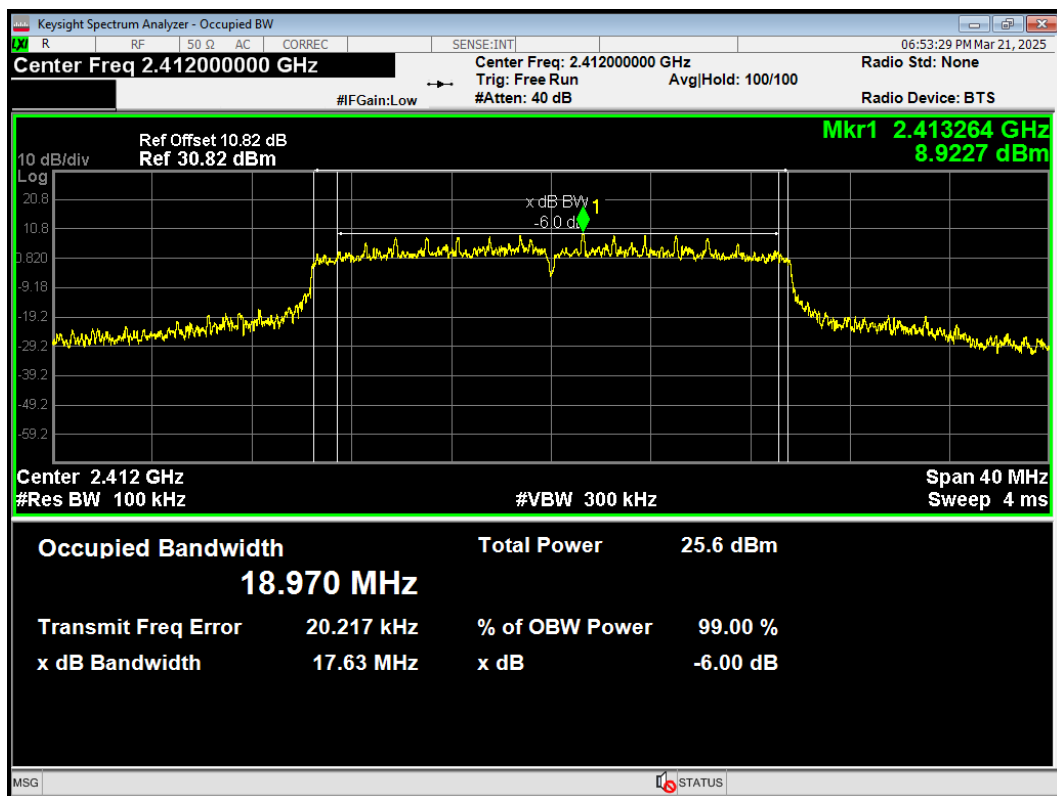
-6dB Bandwidth 802.11ax(HE20) 106T 2437MHz



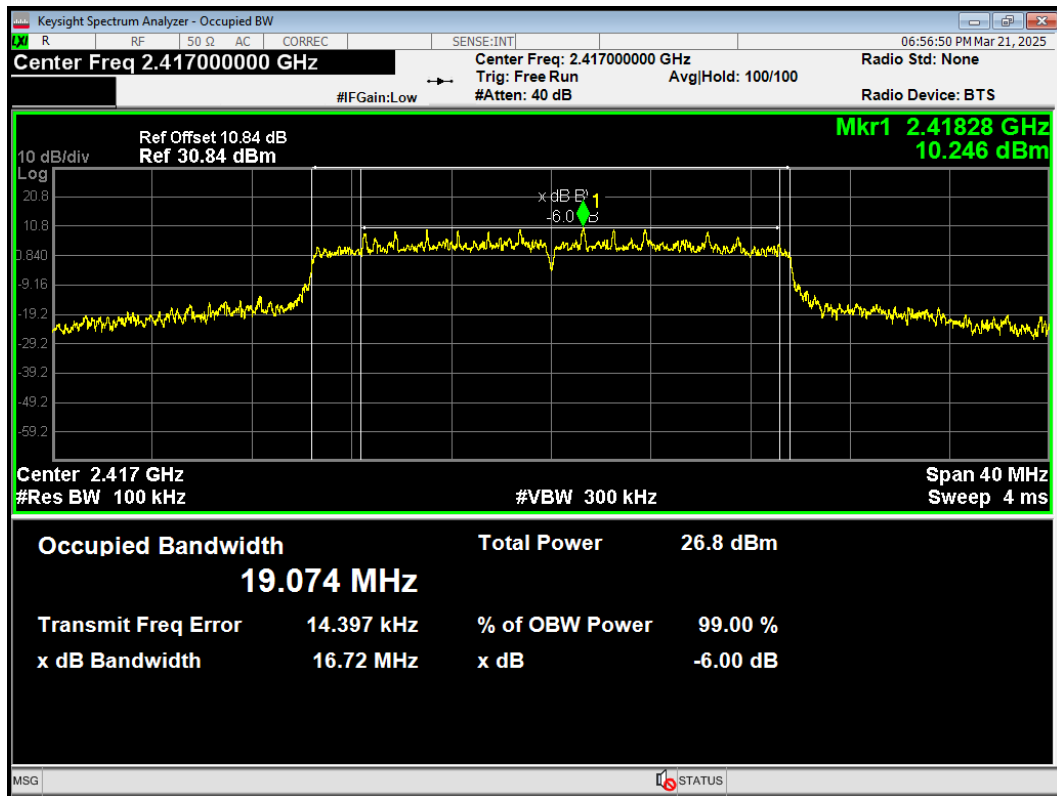
-6dB Bandwidth 802.11ax(HE20) 106T 2462MHz



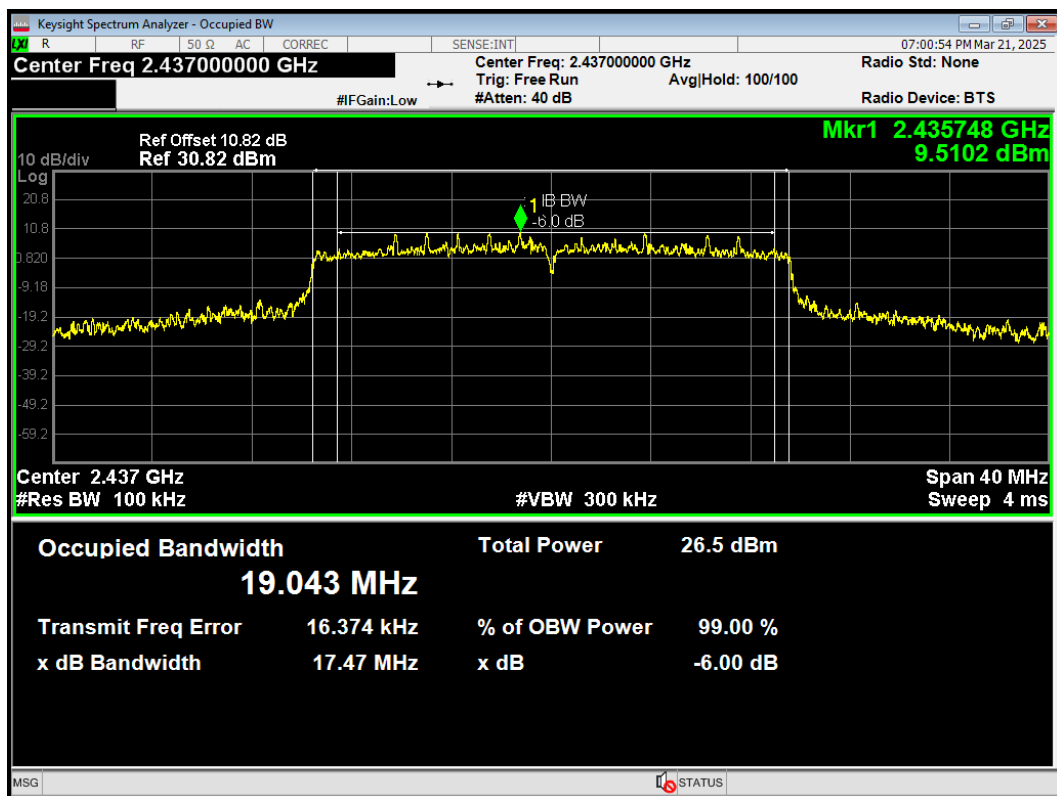
-6dB Bandwidth 802.11ax(HE20) 242T 2412MHz



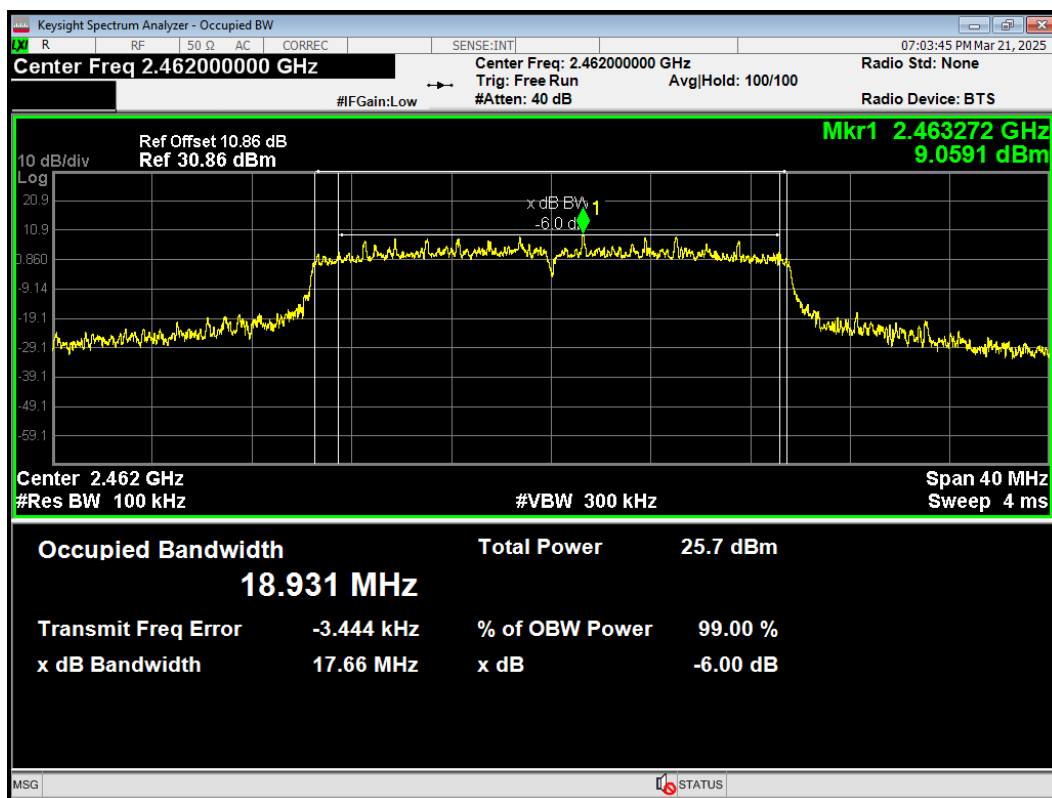
-6dB Bandwidth 802.11ax(HE20) 242T 2417MHz



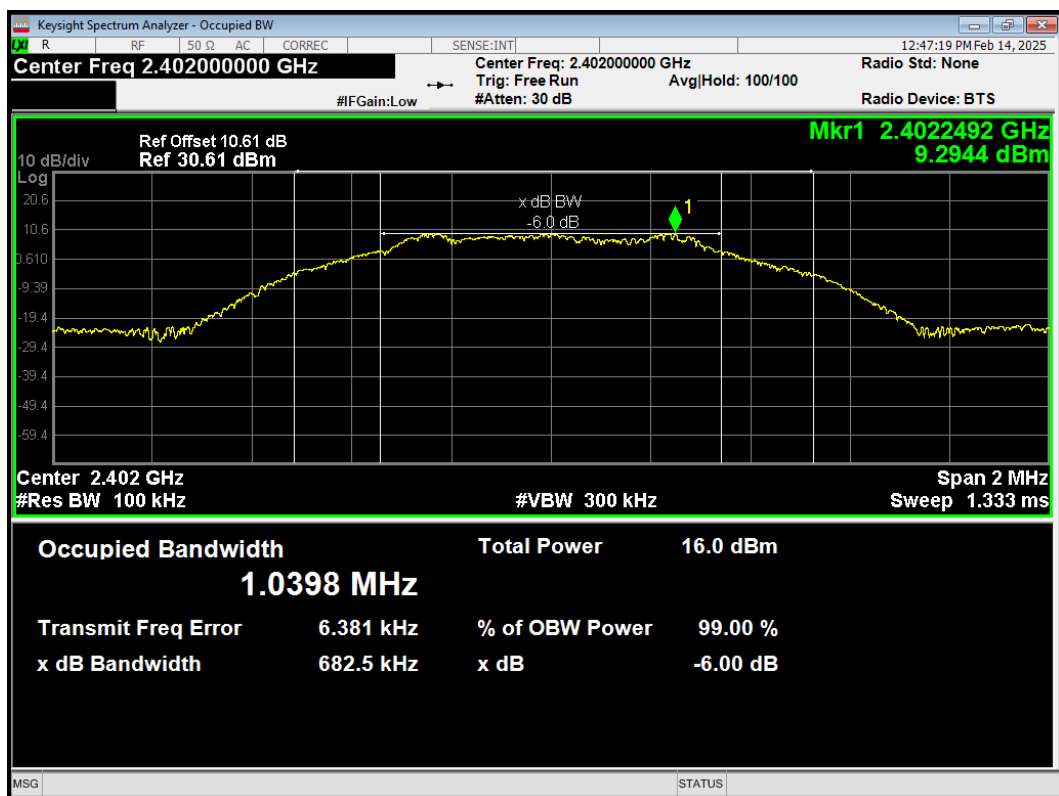
-6dB Bandwidth 802.11ax(HE20) 242T 2437MHz



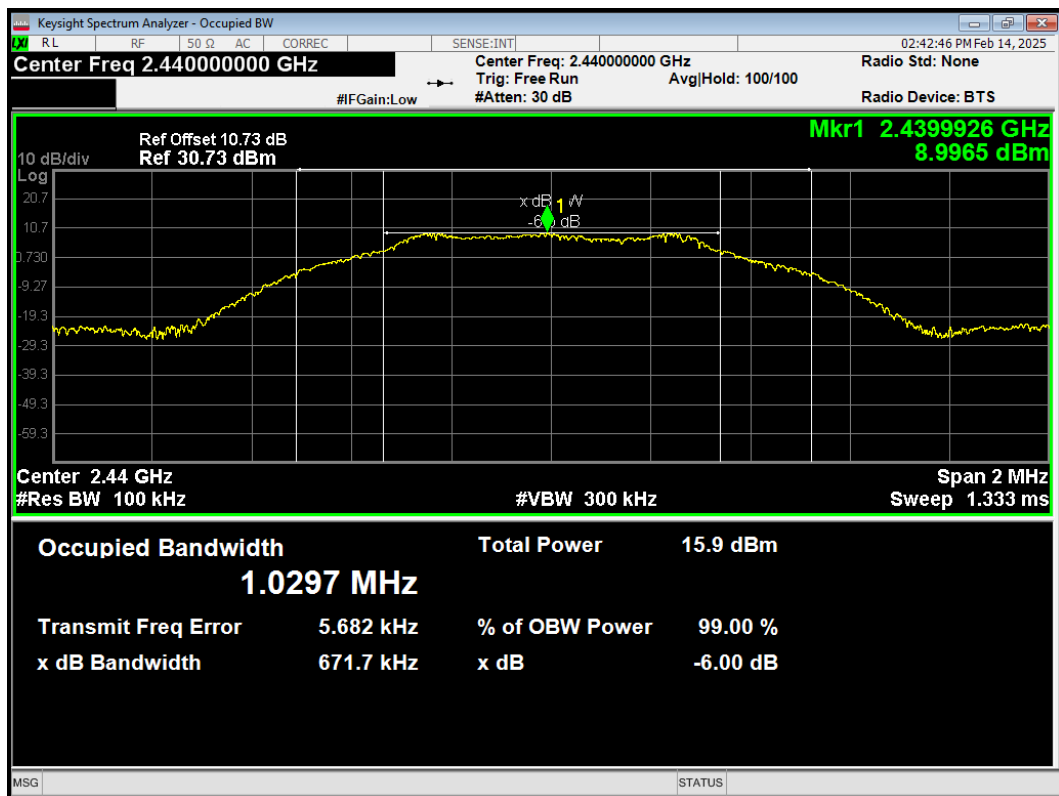
-6dB Bandwidth 802.11ax(HE20) 242T 2462MHz



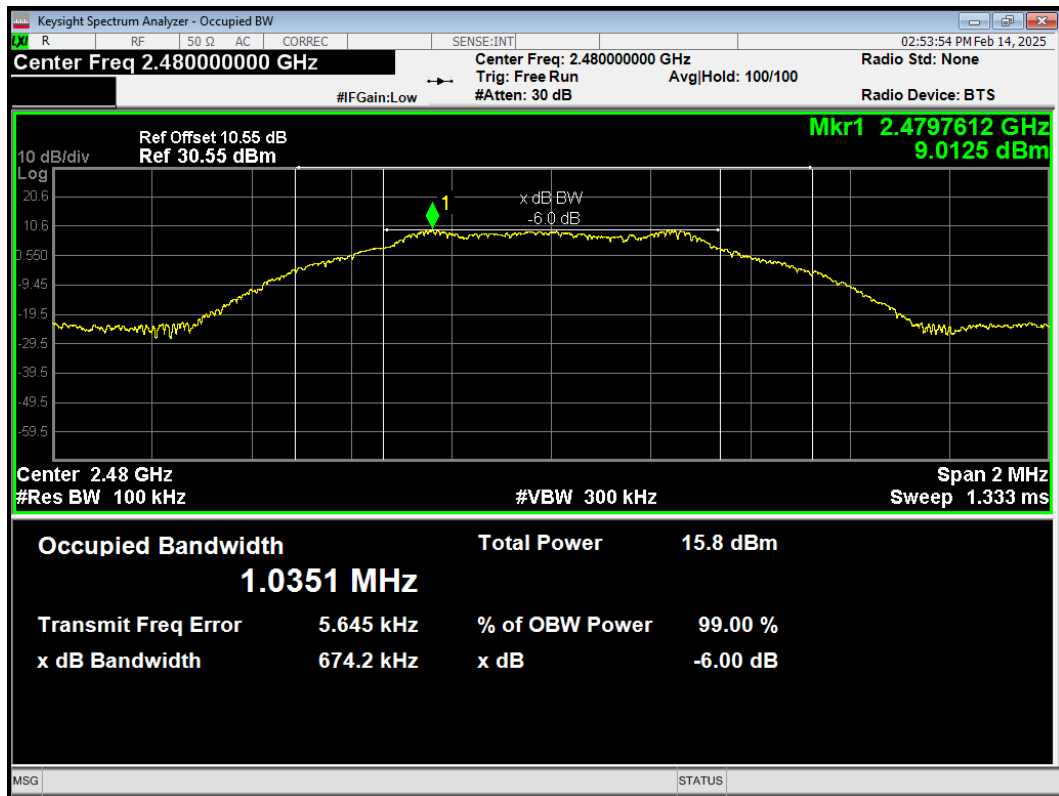
-6dB Bandwidth Bluetooth LE (1M) 2402MHz



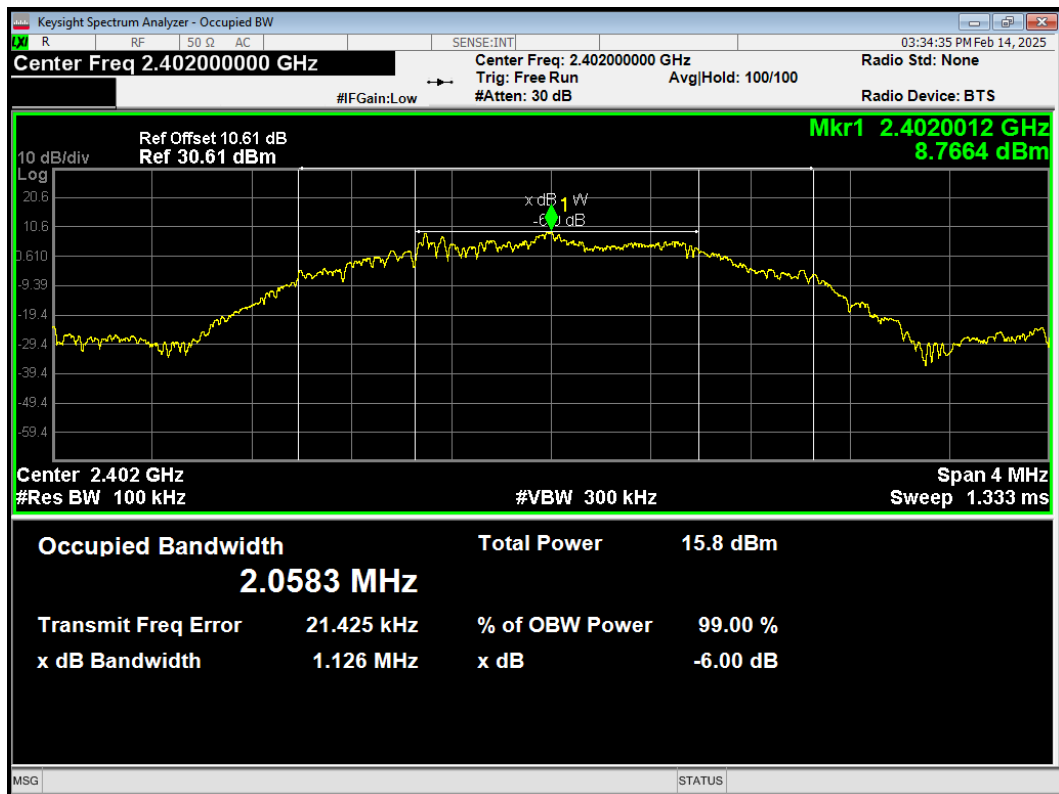
-6dB Bandwidth Bluetooth LE (1M) 2440MHz



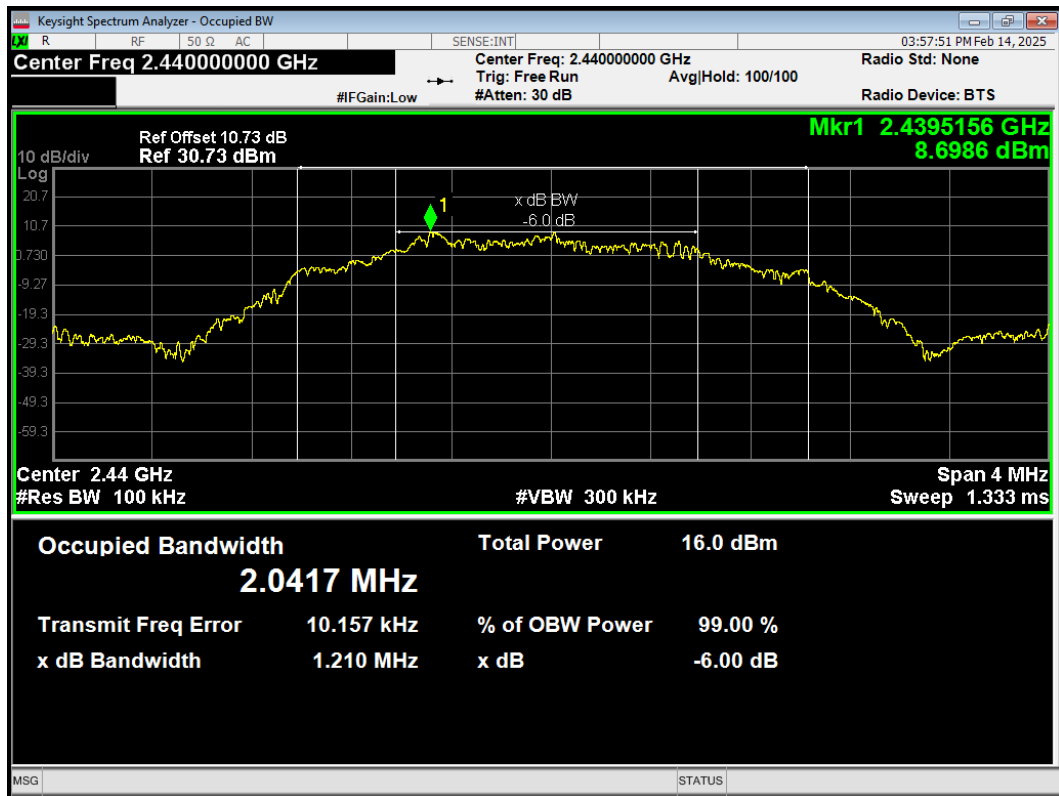
-6dB Bandwidth Bluetooth LE (1M) 2480MHz



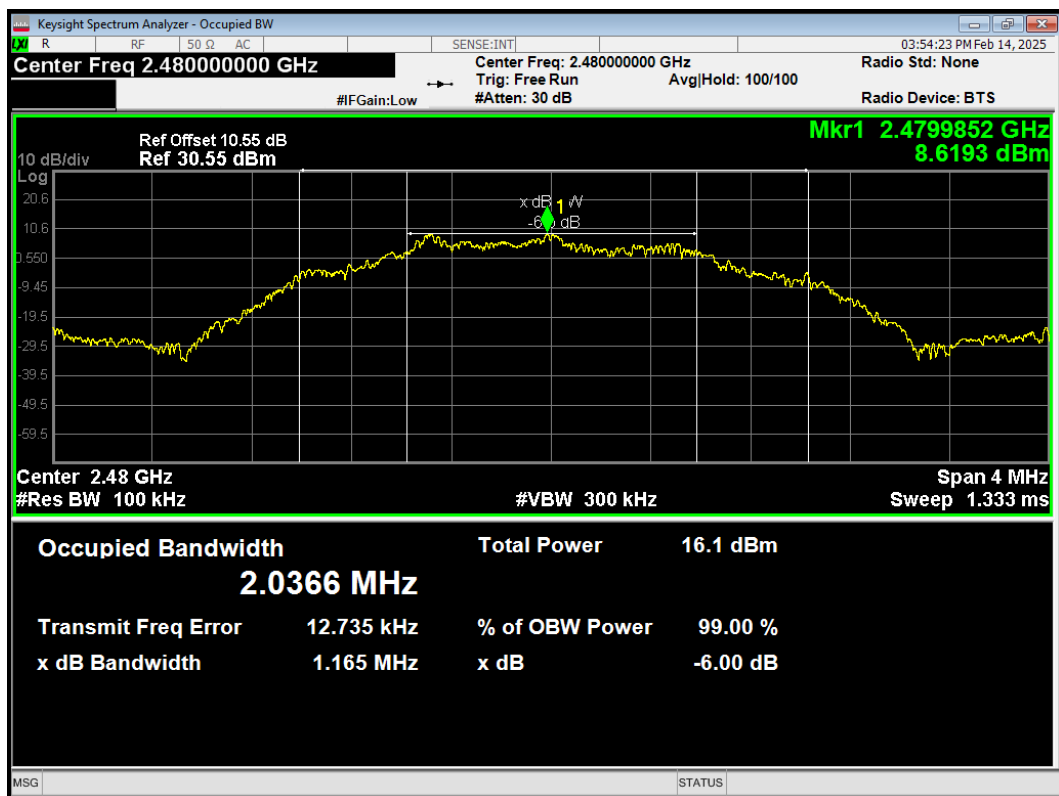
-6dB Bandwidth Bluetooth LE (2M) 2402MHz



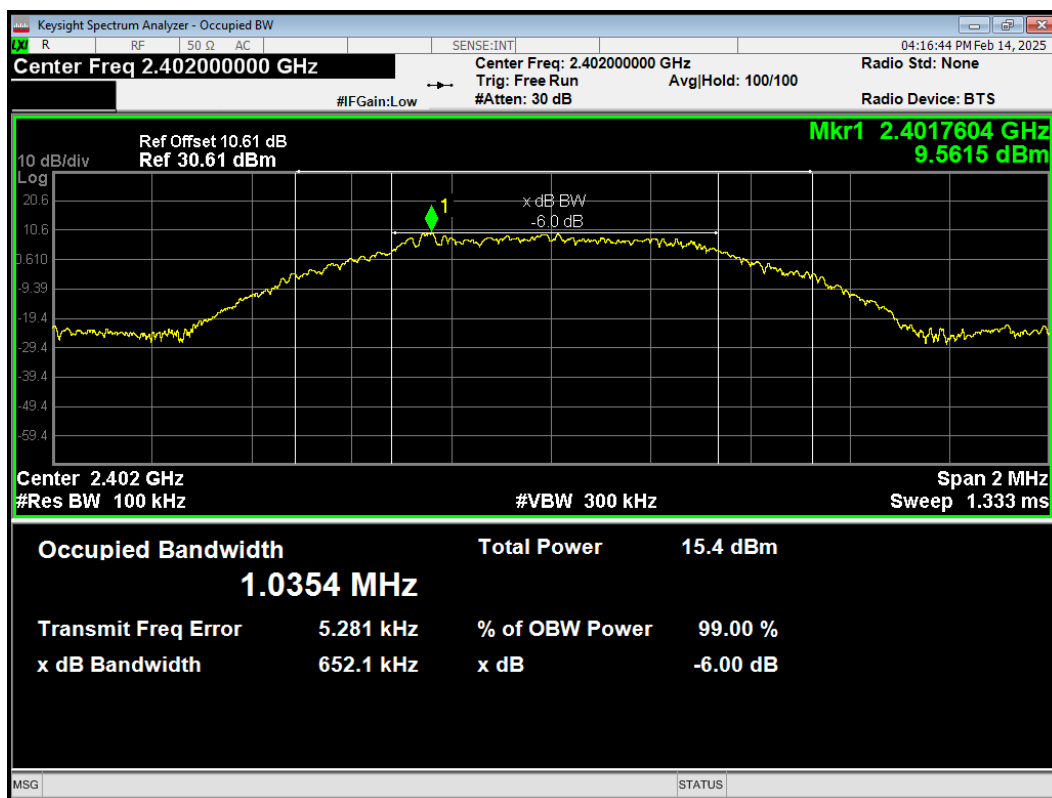
-6dB Bandwidth Bluetooth LE (2M) 2440MHz



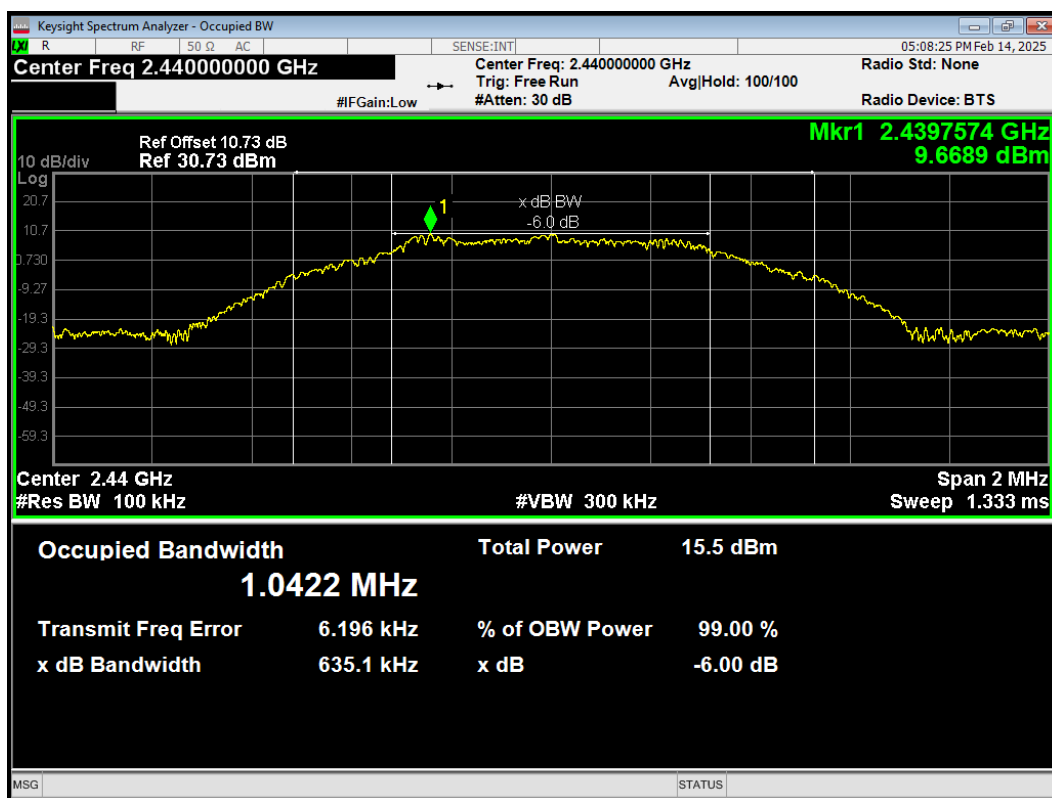
-6dB Bandwidth Bluetooth LE (2M) 2480MHz



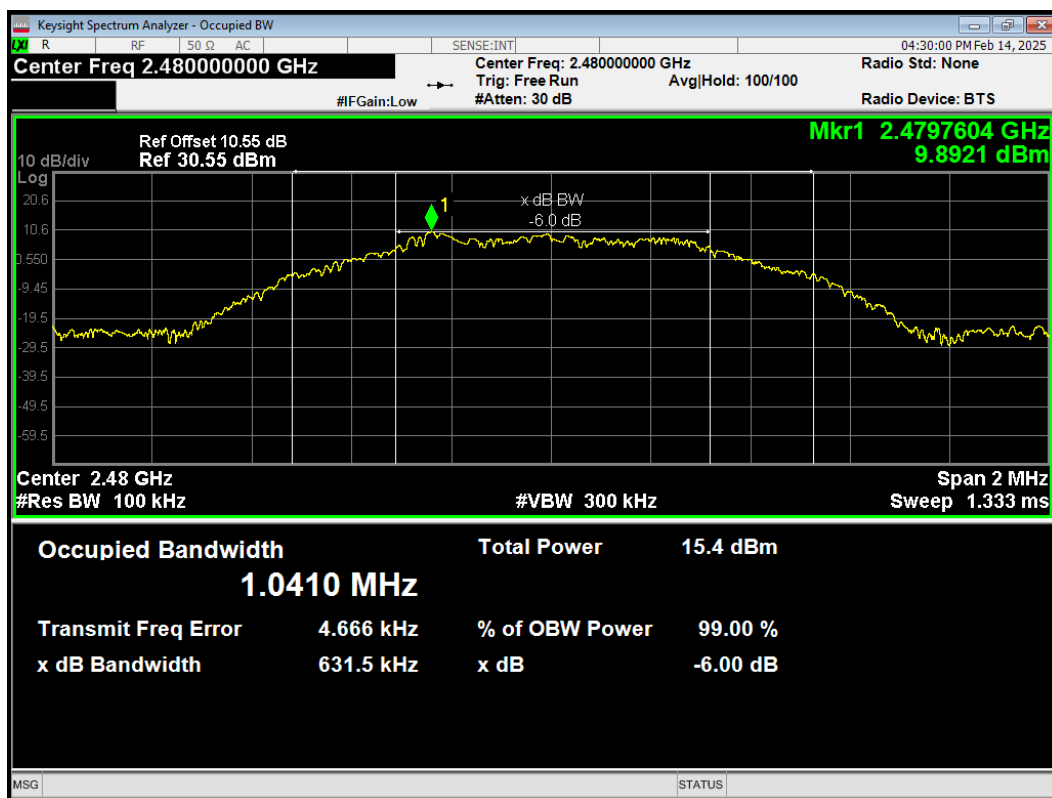
-6dB Bandwidth Bluetooth LE (S=2) 2402MHz



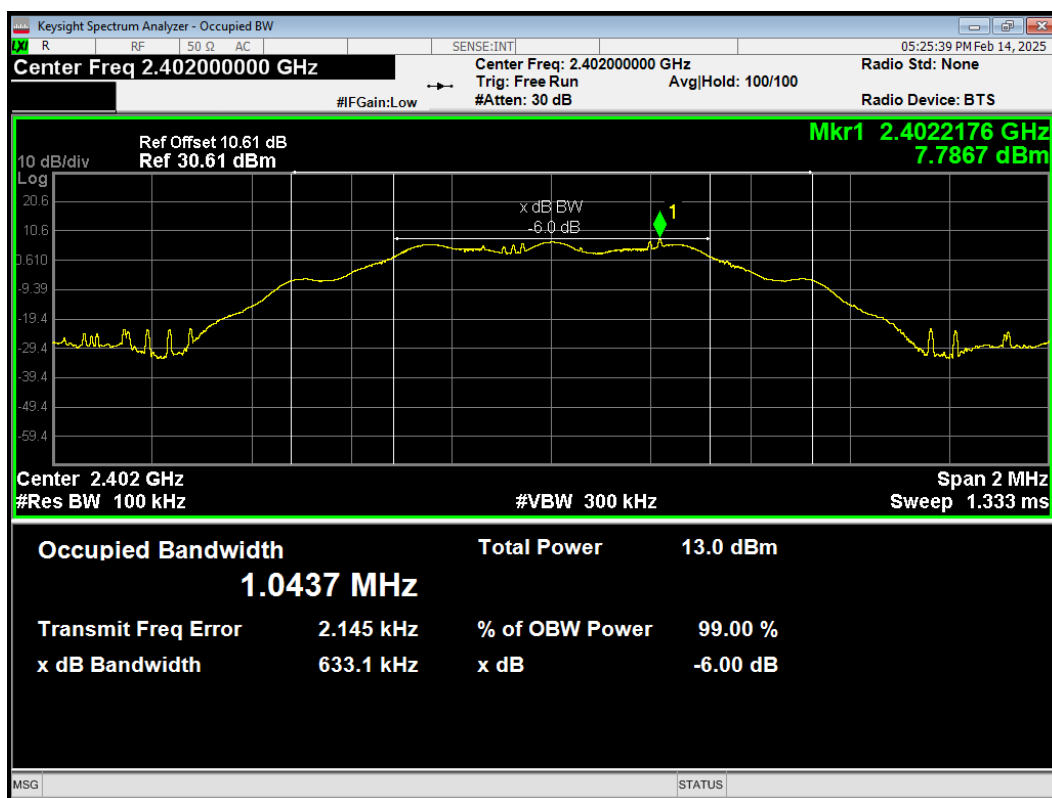
-6dB Bandwidth Bluetooth LE (S=2) 2440MHz



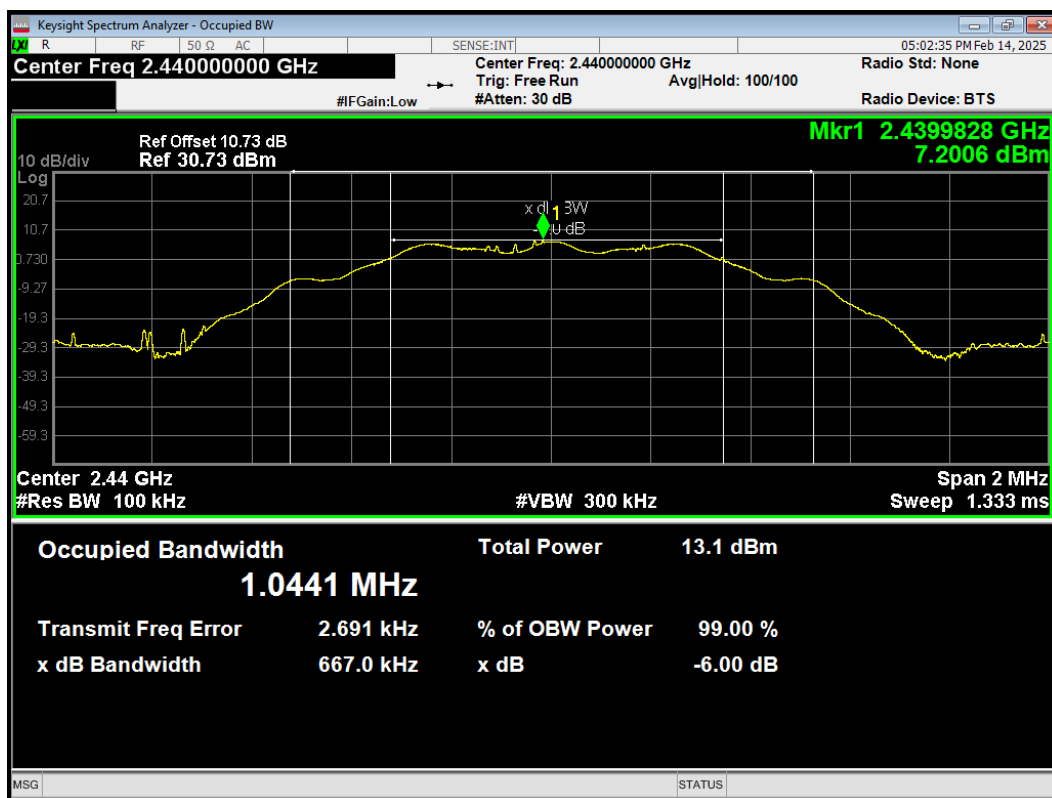
-6dB Bandwidth Bluetooth LE (S=2) 2480MHz



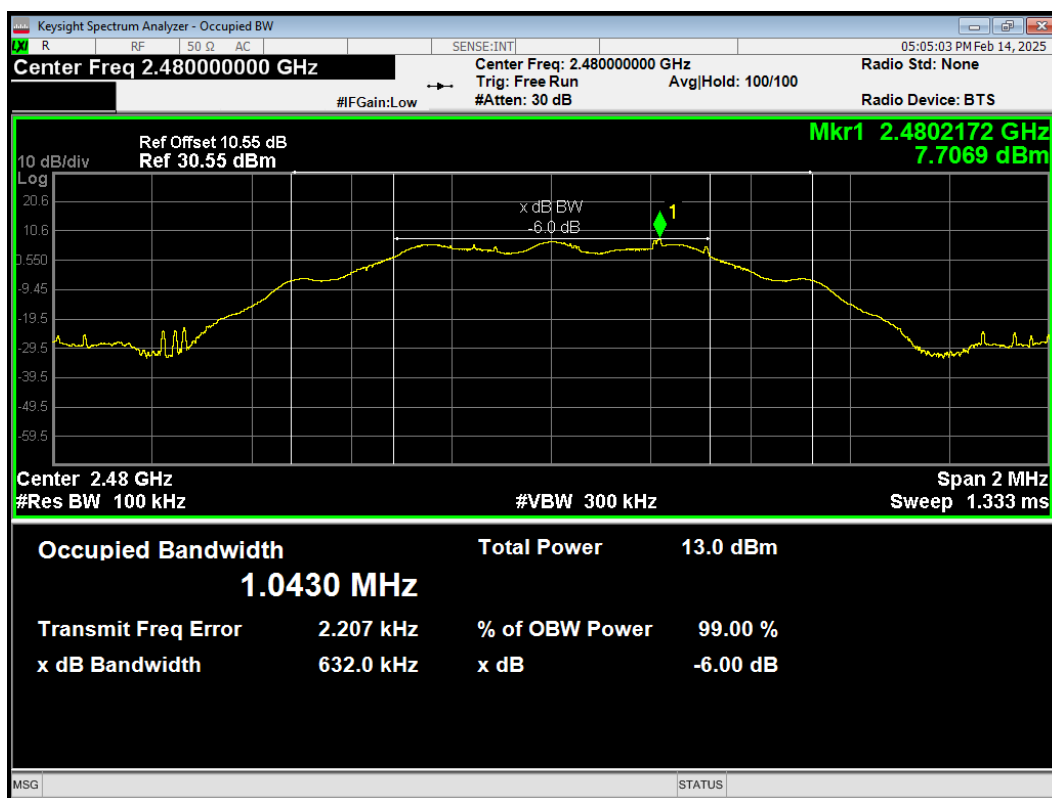
-6dB Bandwidth Bluetooth LE (S=8) 2402MHz



-6dB Bandwidth Bluetooth LE (S=8) 2440MHz



-6dB Bandwidth Bluetooth LE (S=8) 2480MHz



5.3. Band Edge

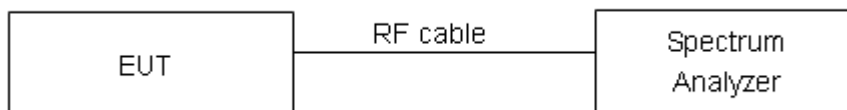
Ambient Condition

Temperature	Relative humidity
15°C ~ 35°C	20% ~ 80%

Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable the band edge of the lowest and highest channels were measured. The peak detector is used and RBW is set to 100 kHz and VBW is set to 300 kHz on spectrum analyzer. Spectrum analyzer plots are included on the following pages.

Test Setup



Limits

Rule Part 15.247(d) specifies that “In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.” If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.”

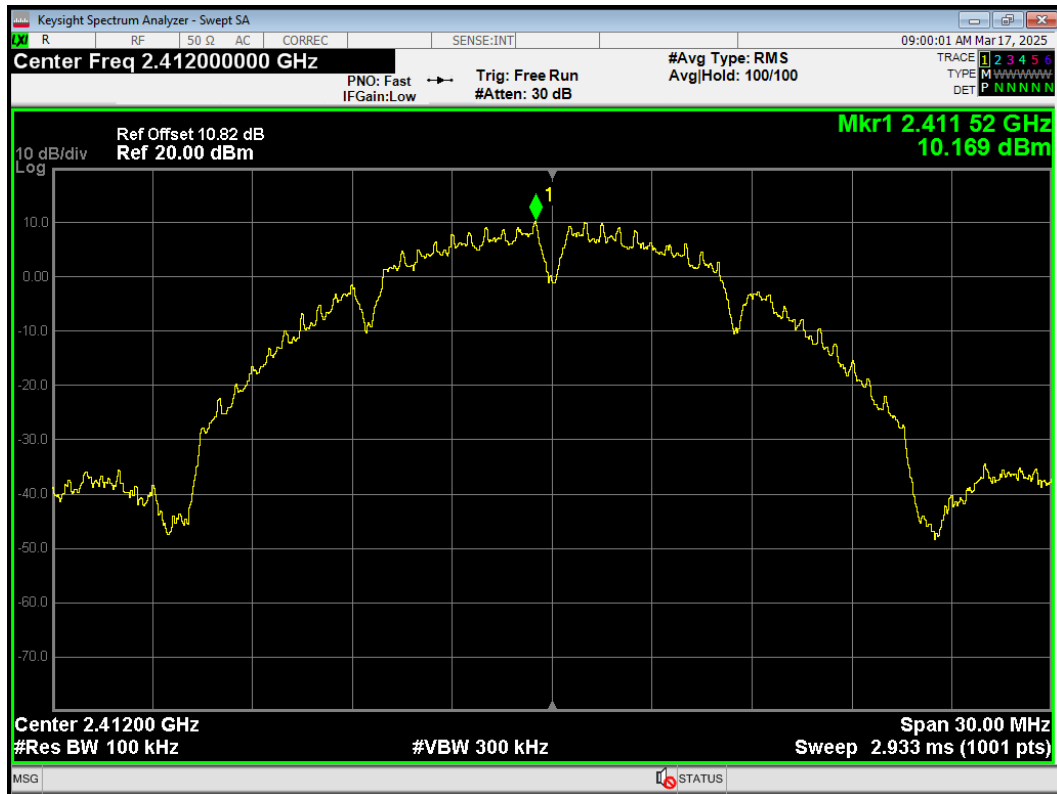
Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor $k = 1.96$.

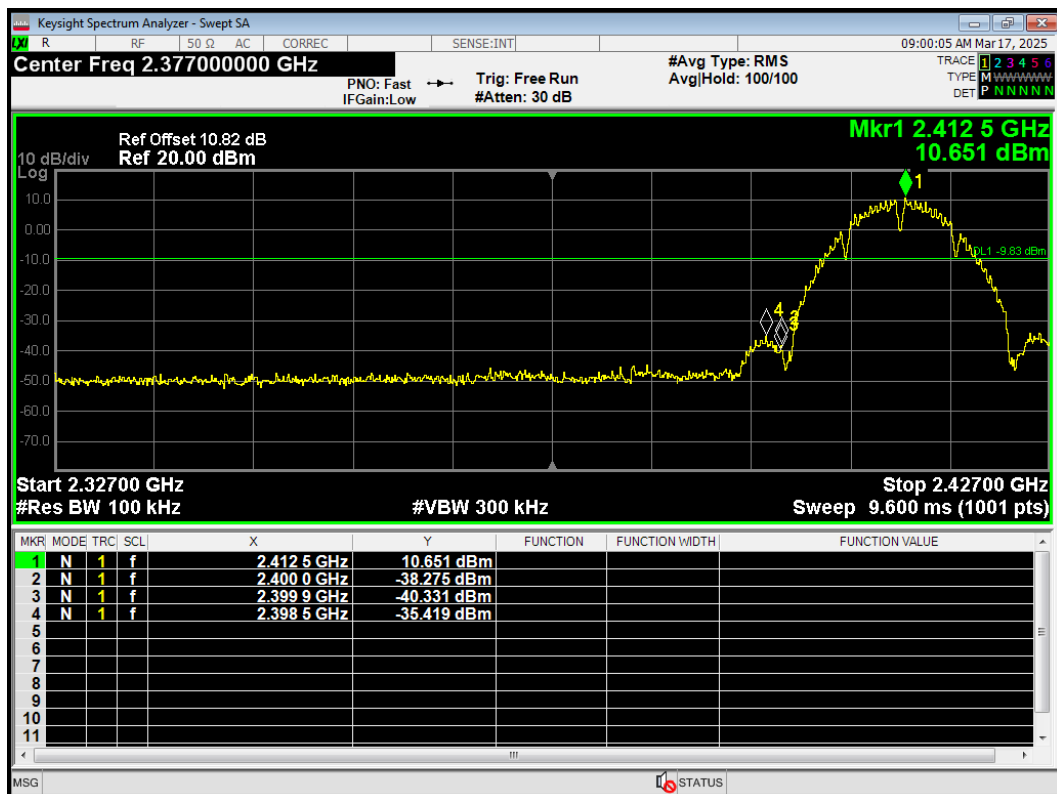
Frequency	Uncertainty
2GHz-3GHz	1.407 dB

Test Results: PASS

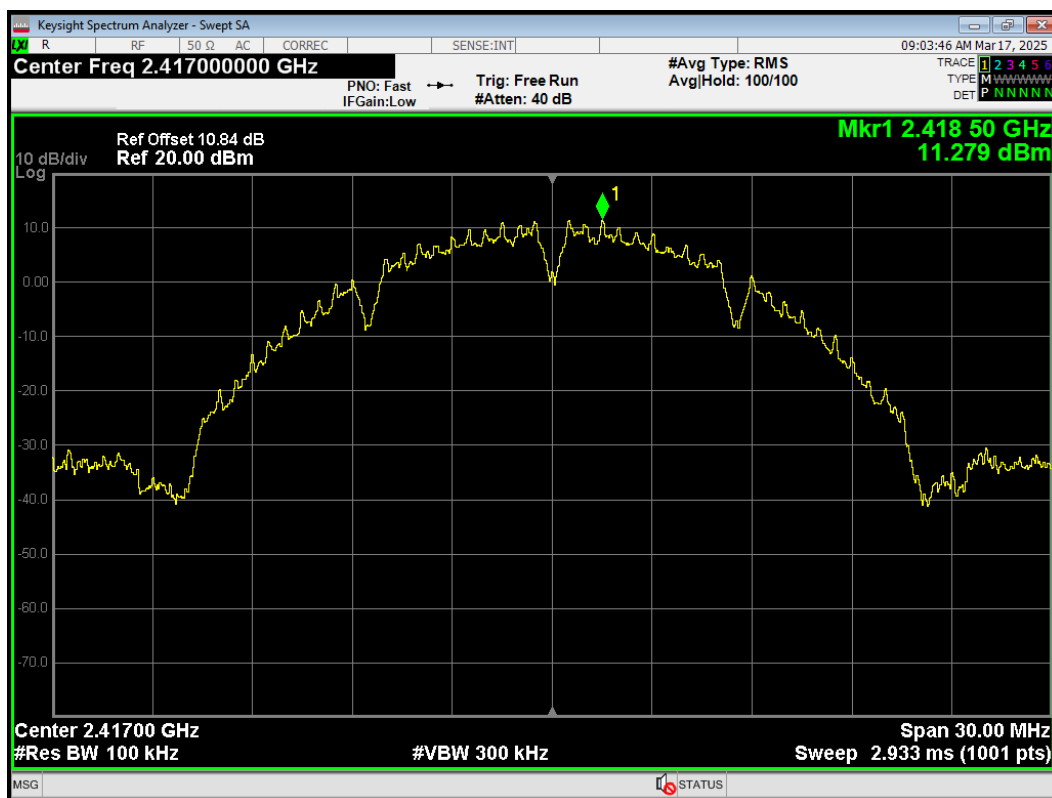
Band Edge 802.11b 2412MHz Ref



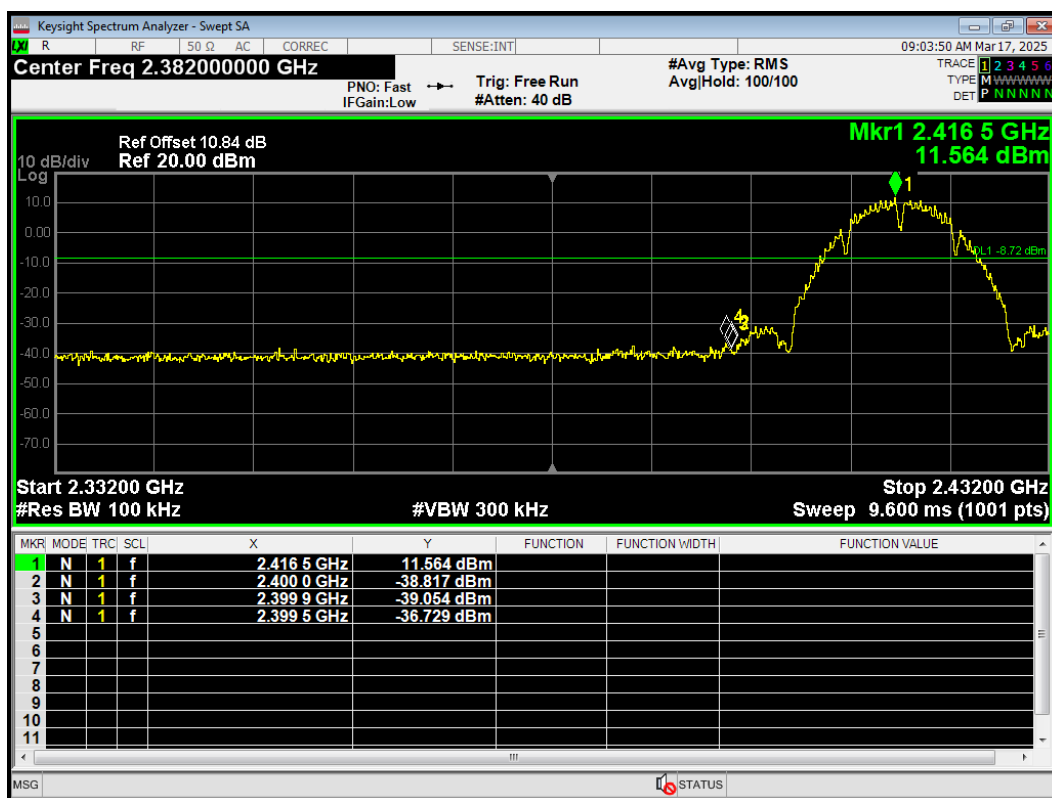
Band Edge 802.11b 2412MHz Emission



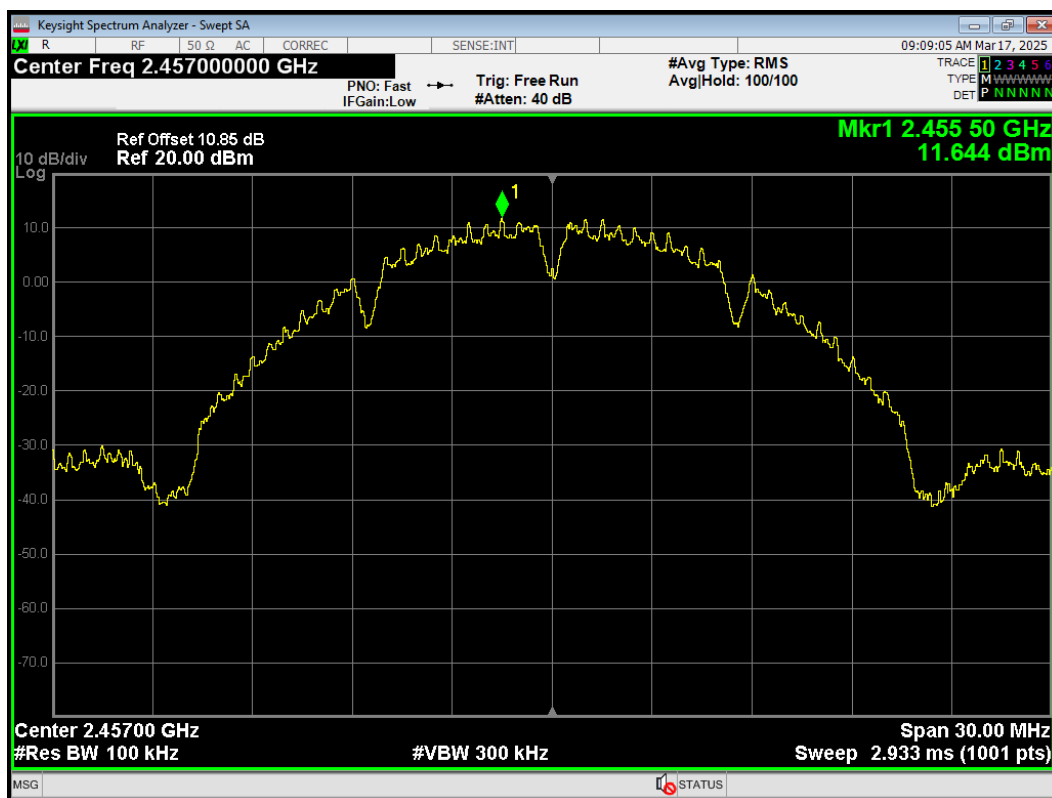
Band Edge 802.11b 2417MHz Ref



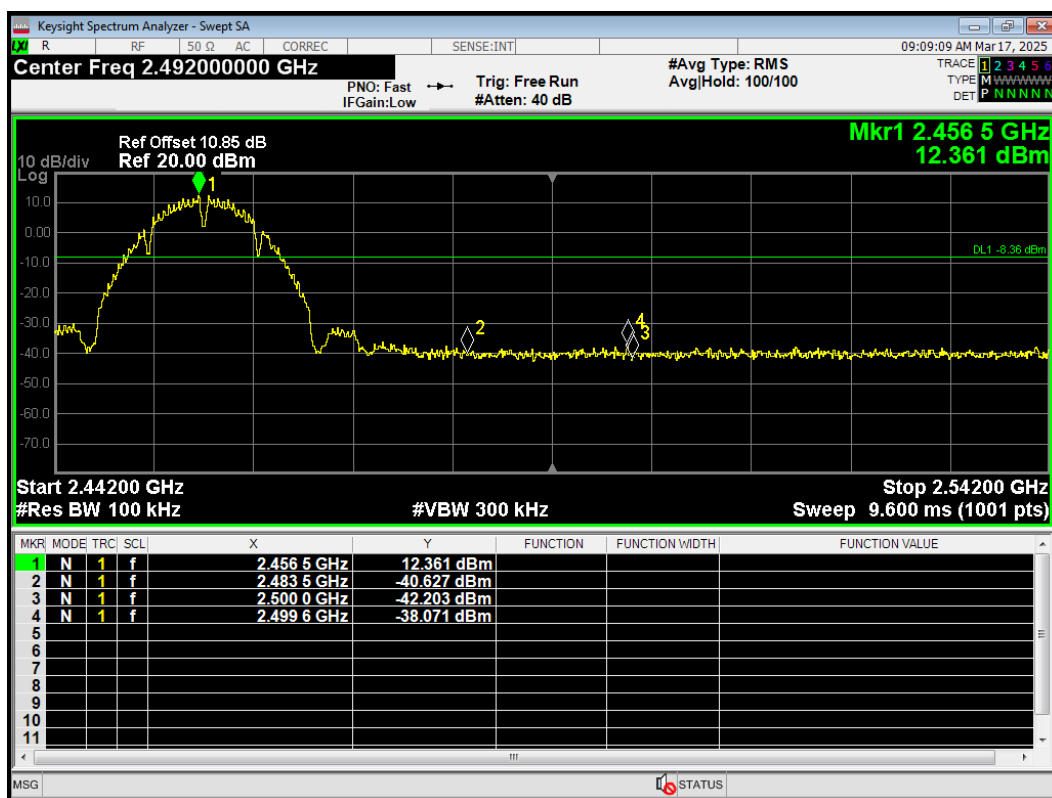
Band Edge 802.11b 2417MHz Emission



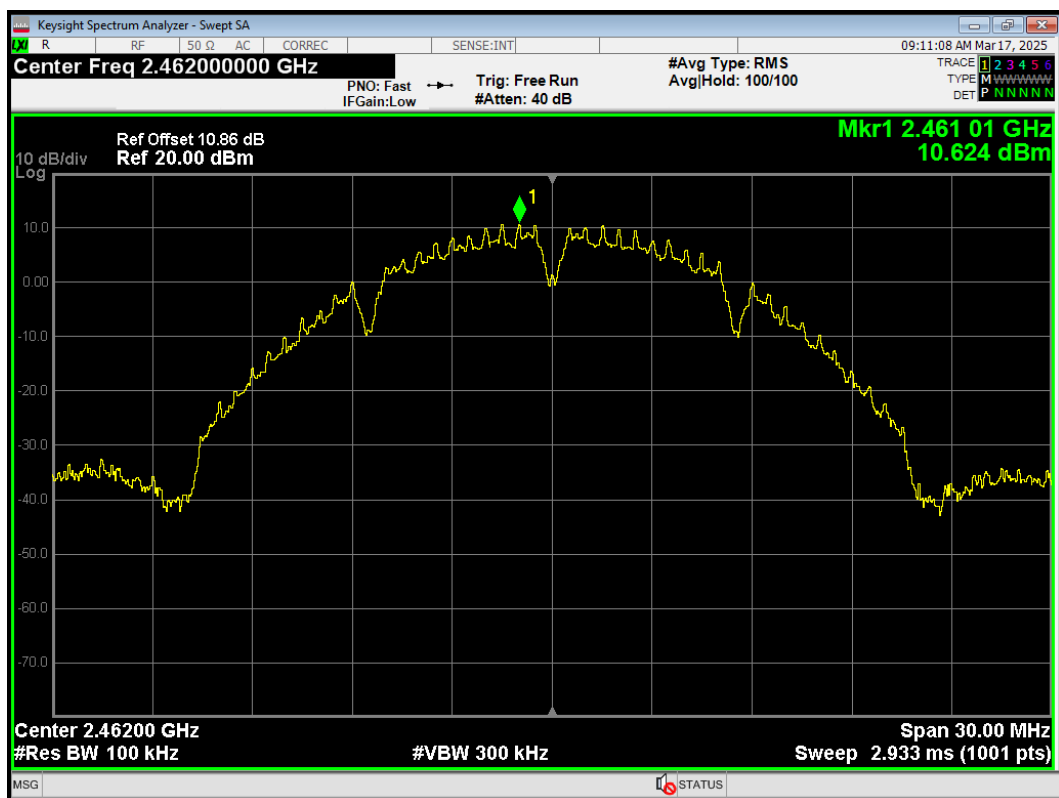
Band Edge 802.11b 2457MHz Ref



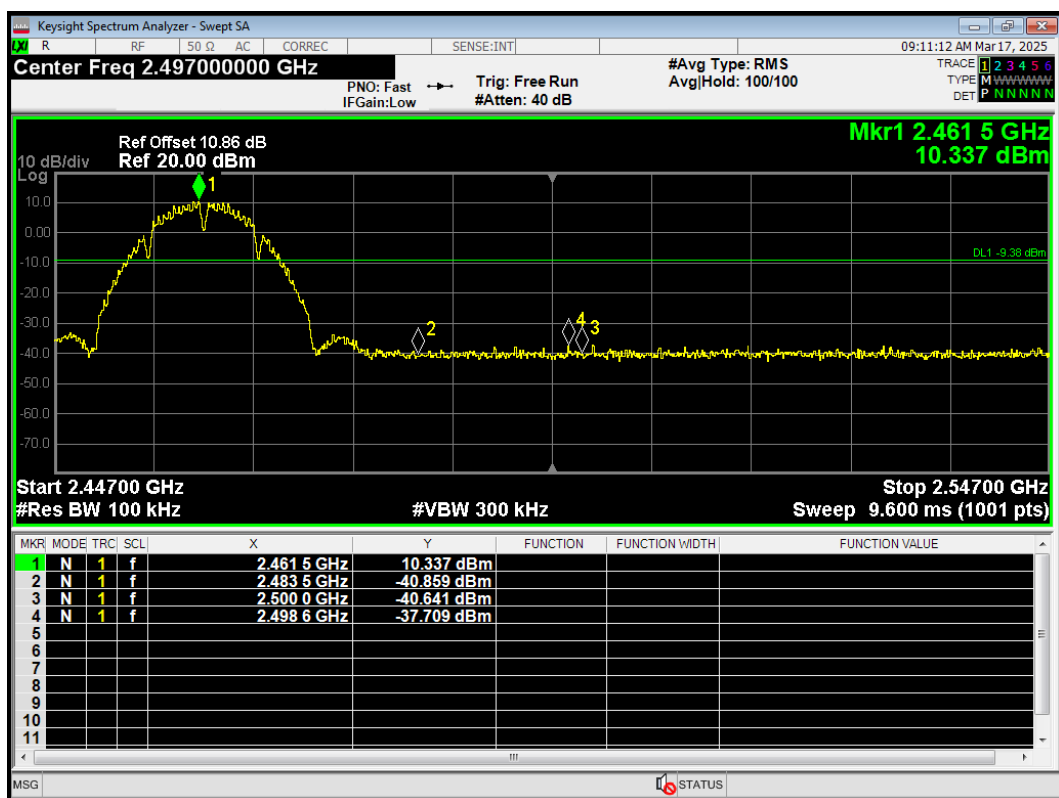
Band Edge 802.11b 2457MHz Emission



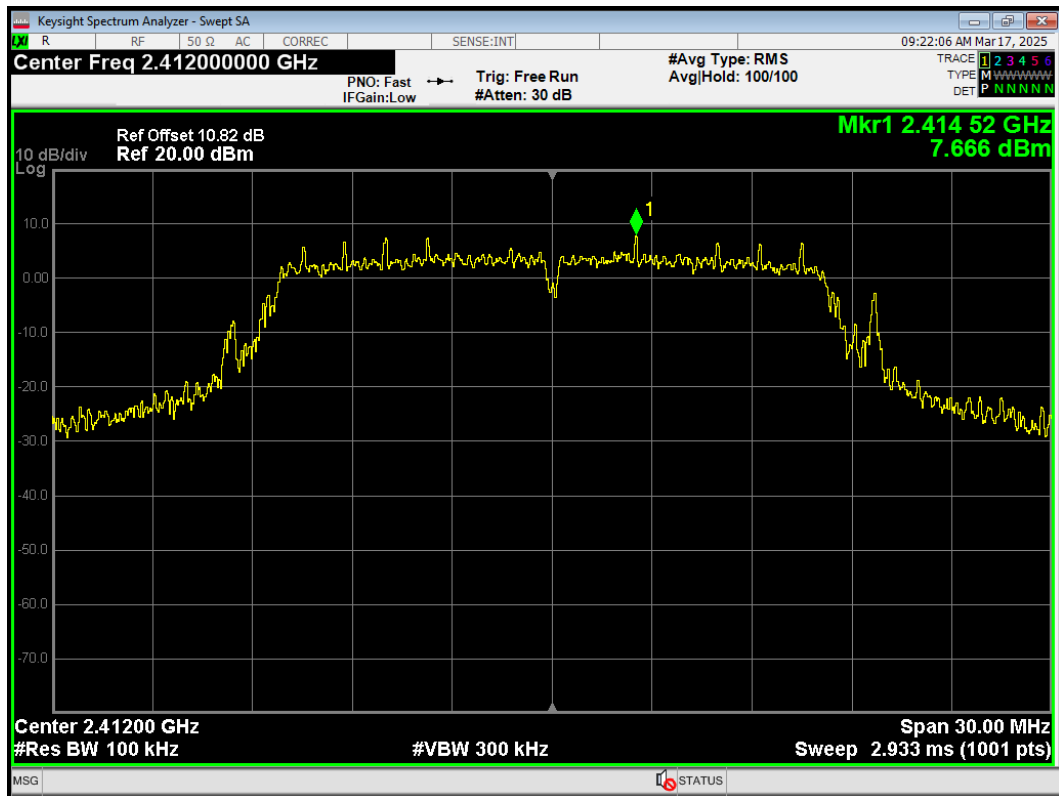
Band Edge 802.11b 2462MHz Ref



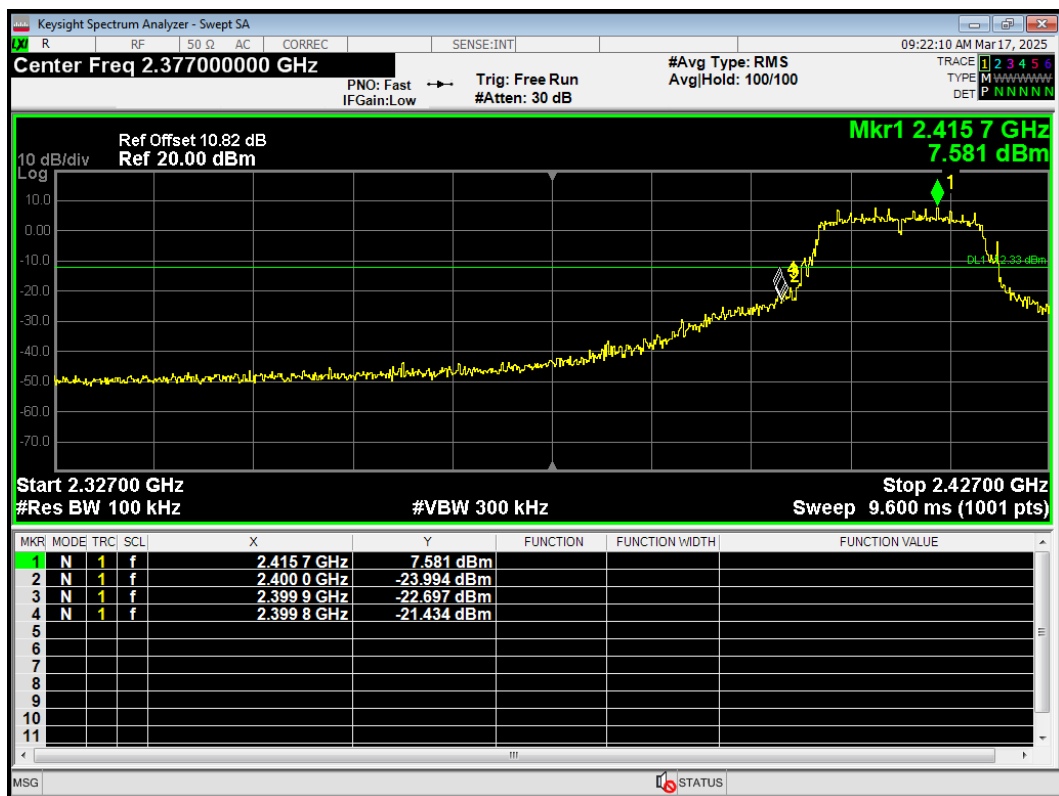
Band Edge 802.11b 2462MHz Emission



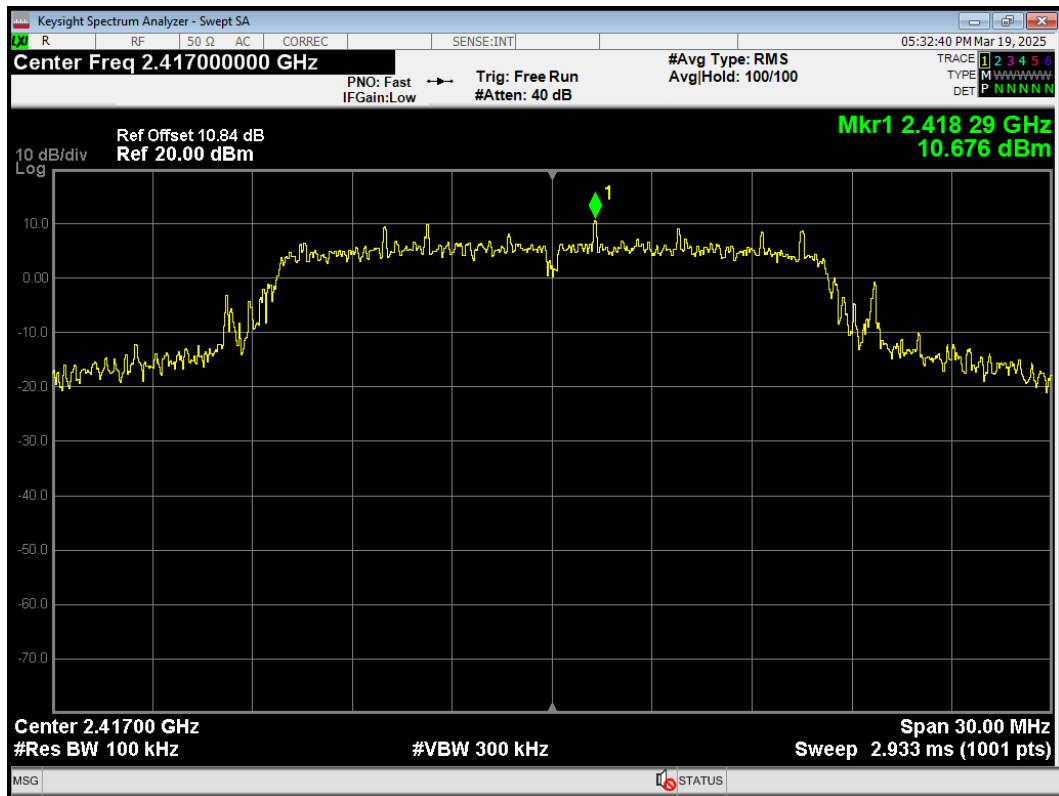
Band Edge 802.11g 2412MHz Ref



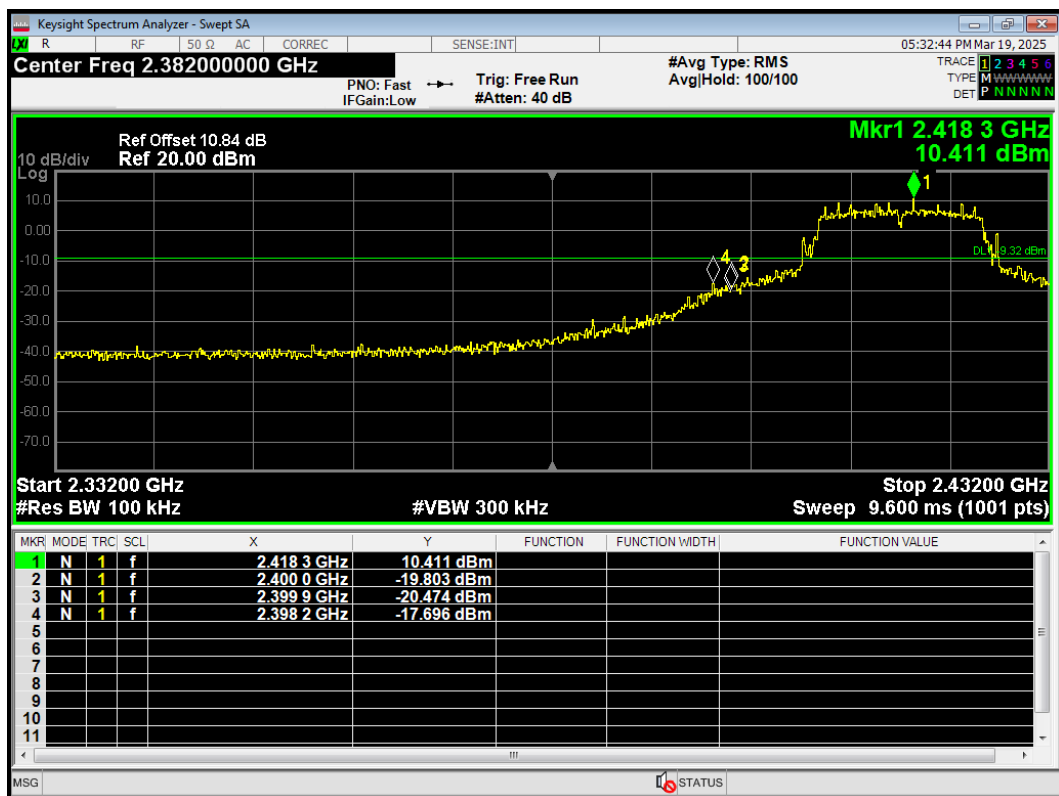
Band Edge 802.11g 2412MHz Emission



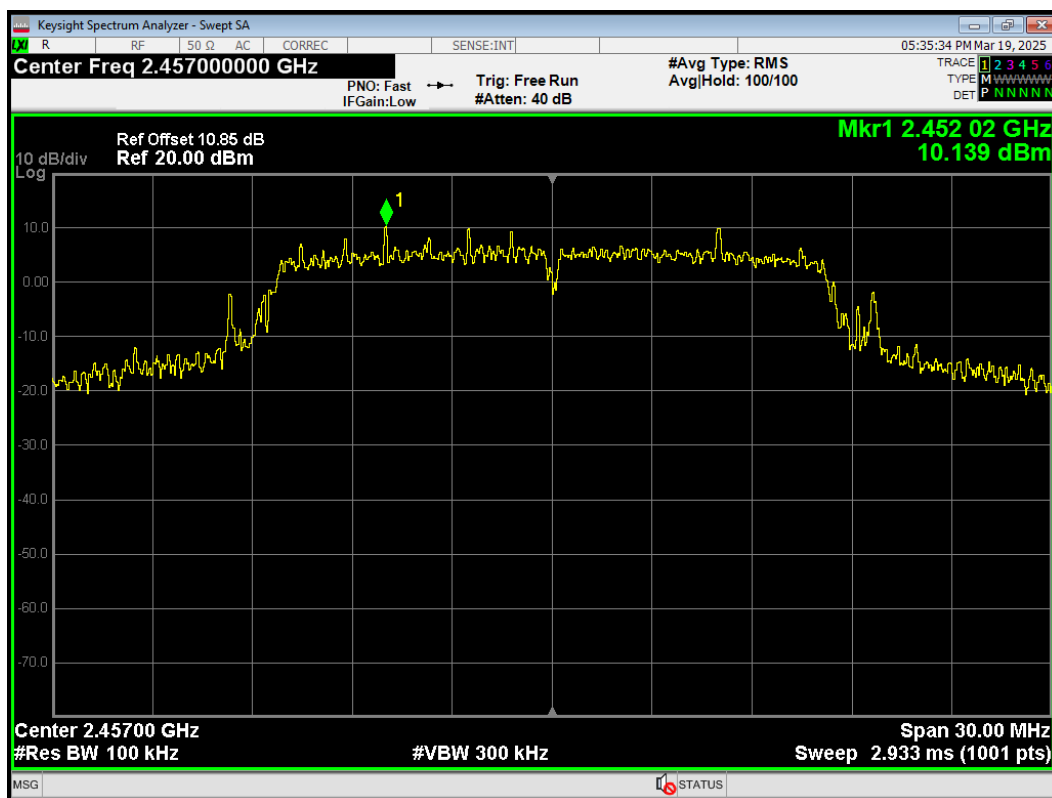
Band Edge 802.11g 2417MHz Ref



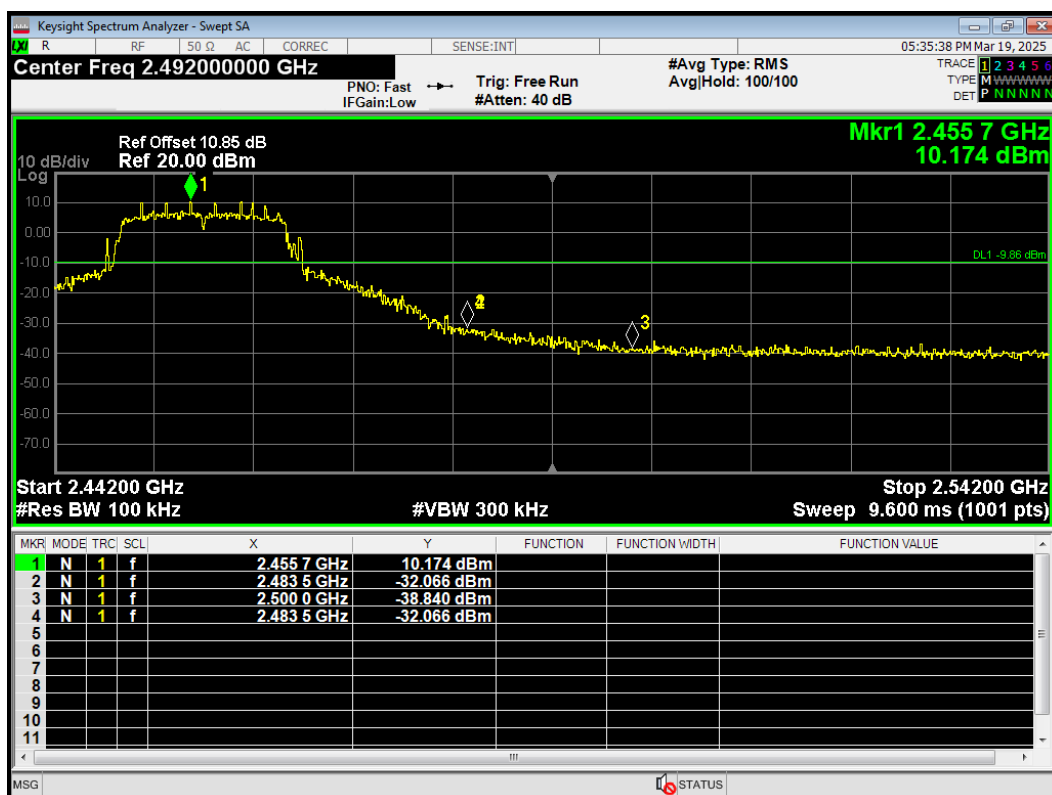
Band Edge 802.11g 2417MHz Emission



Band Edge 802.11g 2457MHz Ref



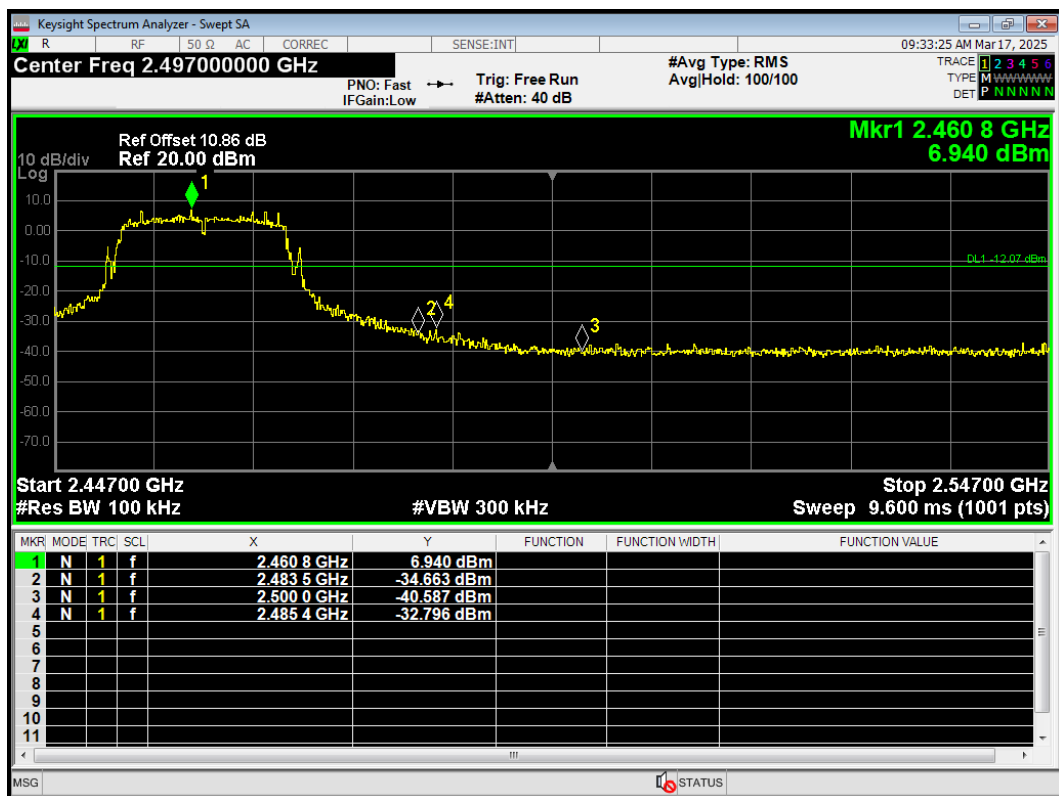
Band Edge 802.11g 2457MHz Emission



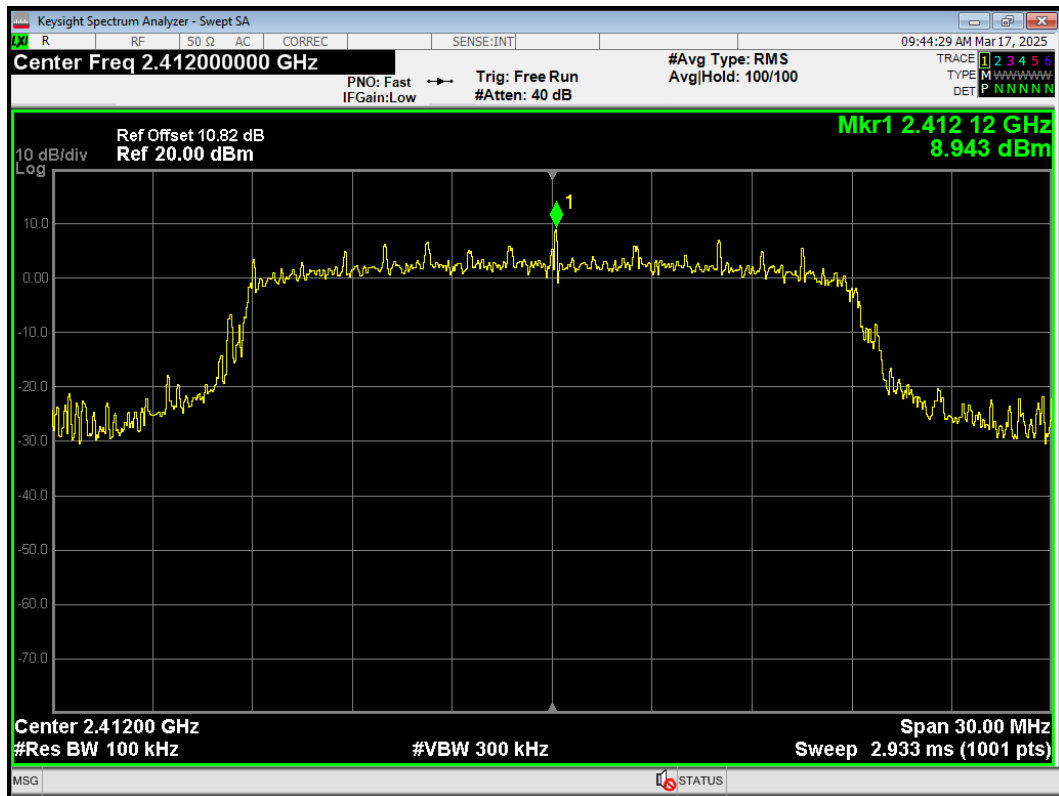
Band Edge 802.11g 2462MHz Ref



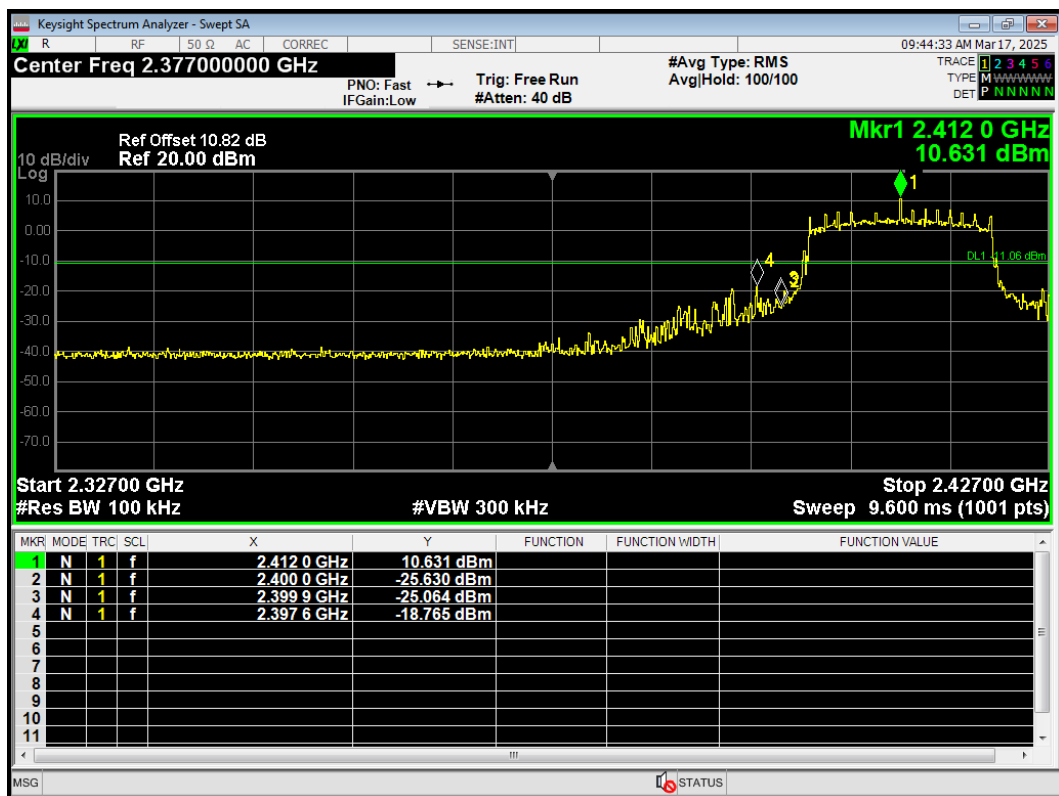
Band Edge 802.11g 2462MHz Emission



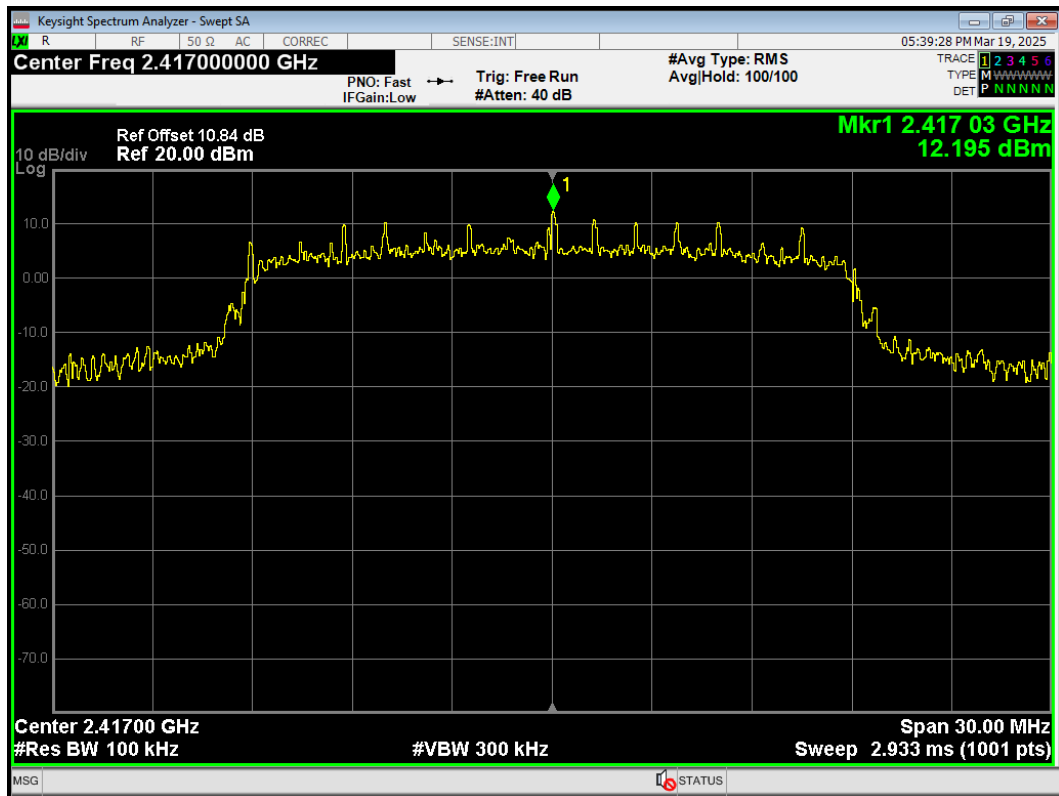
Band Edge 802.11n(HT20) 2412MHz Ref



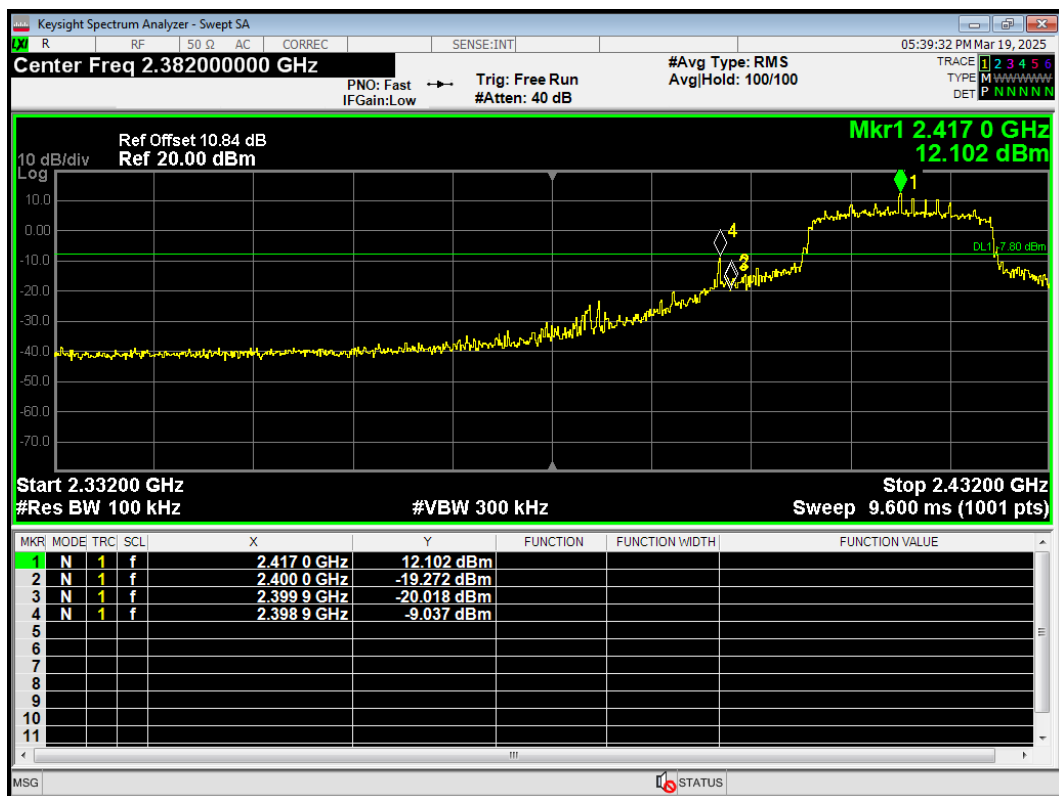
Band Edge 802.11n(HT20) 2412MHz Emission



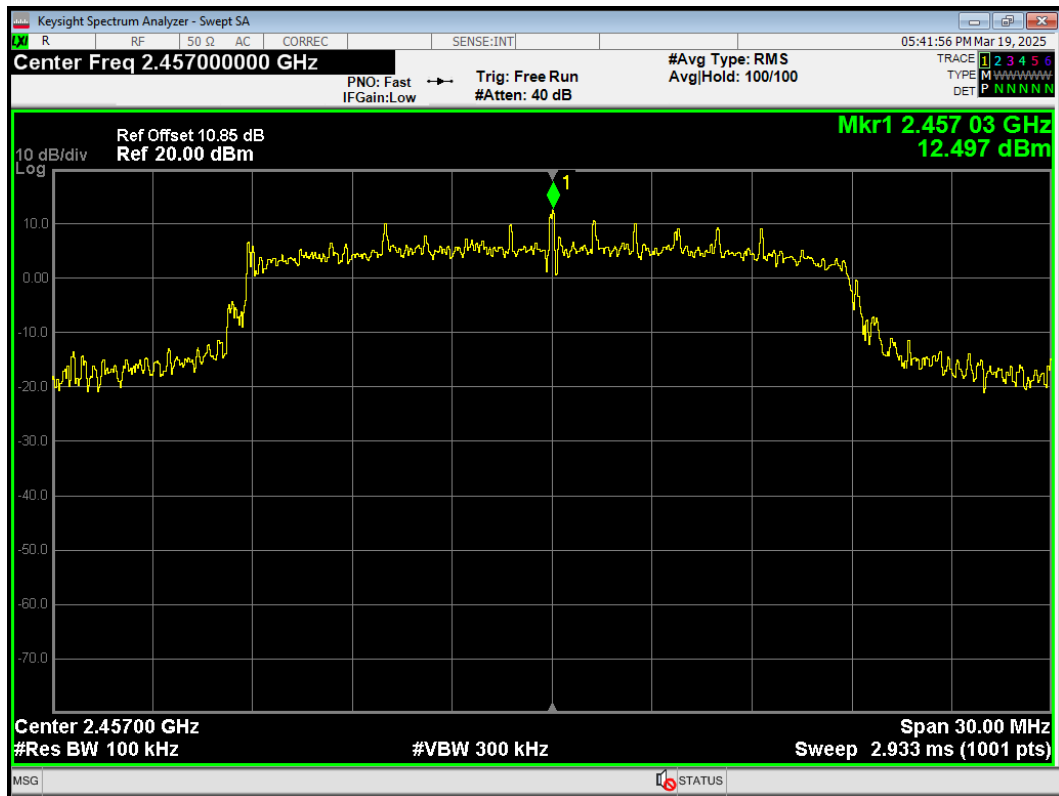
Band Edge 802.11n(HT20) 2417MHz Ref



Band Edge 802.11n(HT20) 2417MHz Emission



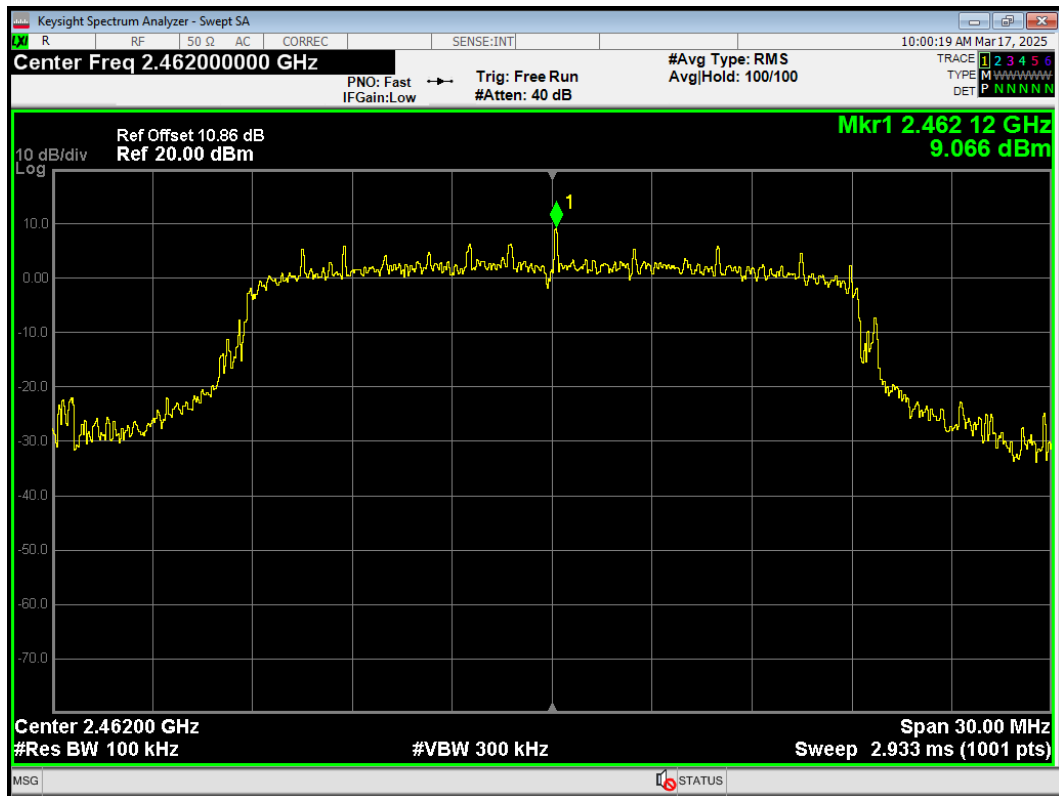
Band Edge 802.11n(HT20) 2457MHz Ref



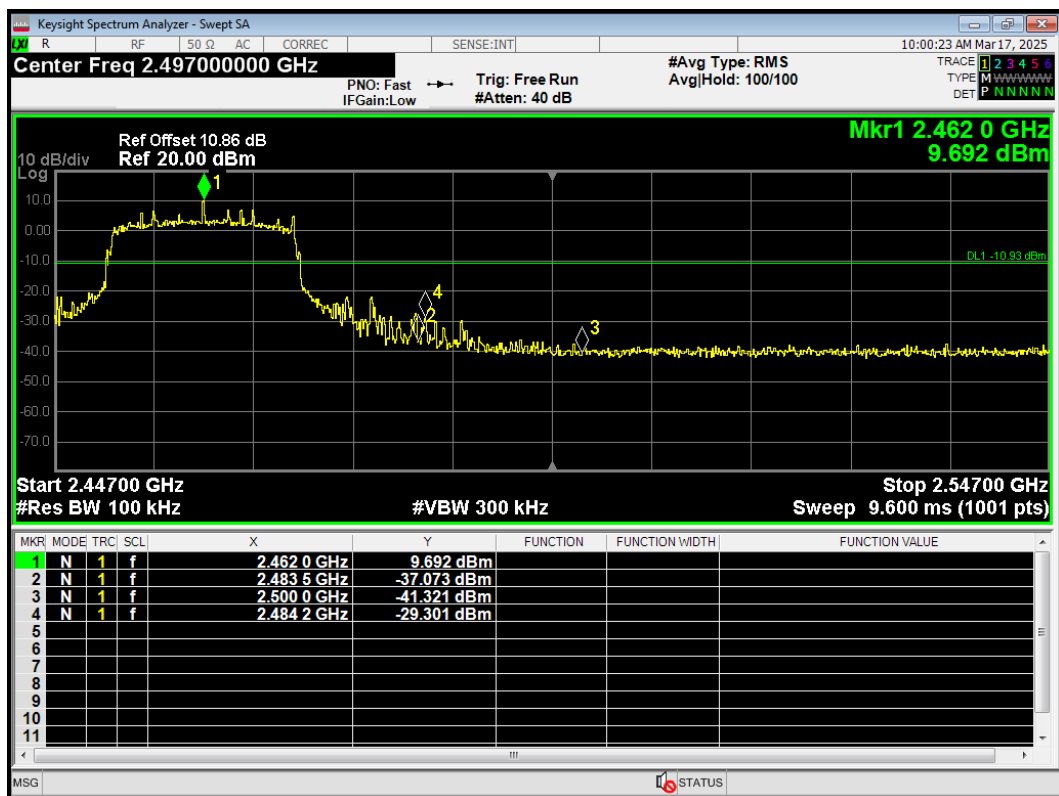
Band Edge 802.11n(HT20) 2457MHz Emission



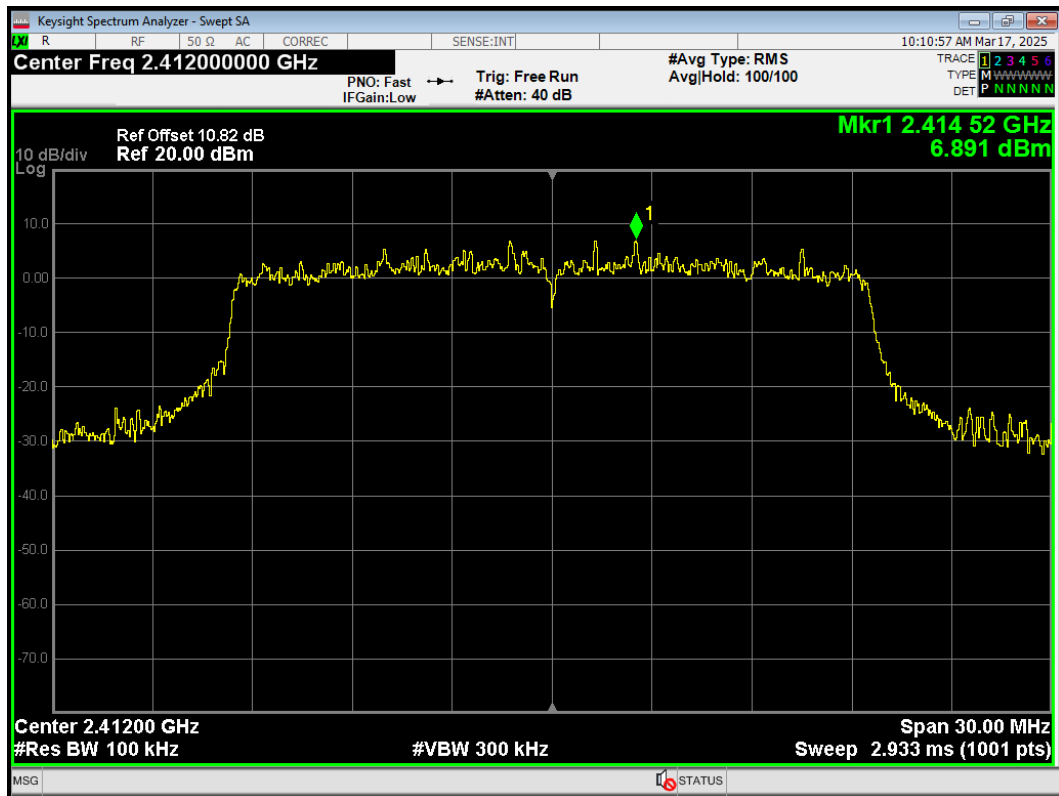
Band Edge 802.11n(HT20) 2462MHz Ref



Band Edge 802.11n(HT20) 2462MHz Emission



Band Edge 802.11ax(HE20) 2412MHz Ref



Band Edge 802.11ax(HE20) 2412MHz Emission

