RF TEST REPORT

Applicant	Dspread Technology(Beijing) Inc
Product	Smart POS
Brand	Dspread
Model	D50
Report No.	EFTA25020087-IE-08-R4V1
Issue Date	May 20, 2025

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

Prepared by: Xu Ying *Approved by: Xu Kai*

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TABLE OF CONTENT

Version	Revision Description	Issue Date
Rev.0	Initial issue of report.	April 28, 2025
Rev.1	Updated information.	May 20, 2025
Note: This revised report (Report No.: EFTA25020087-IE-08-R4V1) supersedes and replaces the previously issued report (Report No.: EFTA25020087-IE-08-R4). Please discard or destroy the previously issued report and dispose of it accordingly.		

Summary of measurement results

Number	Test Case	Clause in FCC rules	Verdict
1	Average output power	15.407(a)	PASS
2	Occupied bandwidth	15.407(e)	PASS
3	Frequency stability	15.407(g)	PASS
4	Power spectral density	15.407(a)	PASS
5	Unwanted Emissions	15.407(b)	PASS
6	Conducted Emissions	15.207	PASS
Date of Testing: March 14, 2025 ~ April 21, 2025 Date of Sample Received: February 18, 2025			
Note: PASS: The EUT complies with the essential requirements in the standard. FAIL: The EUT does not comply with the essential requirements in the standard. 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 electromagnetic emissions measurements.

A2LA (Certificate Number: 3857.01)

Eurofins TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform electromagnetic emission 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
Post code:	201201
Country:	P. R. China
Contact:	Xu Kai
Telephone:	+86-021-50791141/2/3
Fax:	+86-021-50791141/2/3-8000
Website:	https://www.eurofins.com/electrical-and-electronics
E-mail:	Kain.Xu@cpt.eurofinscn.com

2. General Description of Equipment under Test

2.1. Applicant and Manufacturer Information

Applicant	Dspread Technology(Beijing) Inc
Applicant address	Rm.407, B12C, #10(Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, P.R.China
Manufacturer	Dspread Technology(Beijing) Inc
Manufacturer address	Rm.407, B12C, #10(Universal Business Park), Jiuxianqiao Road, Chaoyang District, Beijing, P.R.China

2.2. General information

EUT Description		
Model	D50	
Lab internal SN	EFTA25020087-IE-08/S01	
Hardware Version	V1.1	
Software Version	V1.0	
Power Supply	AC adapter	
Antenna Type	IFA Antenna	
Antenna Connector	A permanently attached antenna (meet with the standard FCC Part 15.203 requirement)	
Antenna Gain	U-NII-1	0.80 dBi
	U-NII-2A	2.80 dBi
	U-NII-2C	1.64 dBi
	U-NII-3	0.23 dBi
Operating Frequency Range(s)	U-NII-1: 5150MHz-5250MHz U-NII-2A: 5250MHz -5350MHz U-NII-2C: 5470MHz-5600MHz, 5650MHz-5725MHz U-NII-3: 5725MHz -5850MHz	
Modulation Type	802.11a: OFDM 802.11n (HT20/HT40): OFDM 802.11ac (VHT20/VHT40/VHT80): OFDM	
Max. Output Power	17.17 dBm	
Operating temperature range	-10 ° C to 55 ° C	
Operating voltage range	4.85 VDC to 5.25 VDC	
Testing temperature range	-30 ° C to 50° C	
Testing voltage range	3.45 VDC – 3.8 VDC – 4.35VDC	
State voltage	5 VDC	
EUT Accessory		
Adapter	Manufacturer: SHENZHEN TIANYIN ELECTRONICS CO..LTD. Model: TPA-46050200UU	

Battery	Manufacturer: Dspread Technology (Beijing) Inc Model: D50
USB Cable	Manufacturer: Guangdong Wugu Technology Co., LTD Model: UC2.0-1M-3.9-01

Note:
1. The EUT is sent from the applicant to Eurofins TA and the information of the EUT is declared by the applicant.
2. This device support automatically discontinue transmission, while the device is not transmitting any information, the device can automatically discontinue transmission and become standby mode for power saving. The device can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
3. (a) Manufacturers implements security features in any digitally modulated devices capable of operating in any of the U-Nll bands, so that third parties are not able to reprogram the device to operate outside the parameters for which the device was certified. The software prevents the user from operating the transmitter with operating frequencies, output power, modulation types or other radio frequency parameters outside those that were approved for the device. Manufacturers uses means including, but not limited to the use of a private network that allows only authenticated users to download software, electronic signatures in software or coding in hardware that is decoded by software to verify that new software can be legally loaded into a device to meet these requirements and must describe the methods in their application for equipment authorization.
(b) Manufacturers take steps to ensure that DFS functionality cannot be disabled by the operator of the U-Nll device.

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 15E (2024) Unlicensed National Information Infrastructure Devices

ANSI C63.10-2013

Reference standard:

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

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 stand-up position (Z axis) 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.

Mode	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Wireless Technology and Frequency Range

Wireless Technology		Bandwidth	Channel	Frequency
Wi-Fi	U-NII-1	20 MHz	36	5180MHz
			40	5200MHz
			44	5220MHz
			48	5240MHz
		40 MHz	38	5190MHz
			46	5230MHz
		80 MHz	42	5210MHz
	U-NII-2A	20 MHz	52	5260MHz
			56	5280MHz
			60	5300MHz
			64	5320MHz
		40 MHz	54	5270MHz
			62	5310MHz
		80 MHz	58	5290MHz
	U-NII-2C	20 MHz	100	5500MHz
			104	5520MHz
			108	5540MHz
			112	5560MHz
			116	5580MHz
			132	5660MHz
			136	5680MHz
			140	5700MHz
		40 MHz	102	5510MHz
			110	5550MHz
			134	5670MHz
		80 MHz	106	5530MHz
	U-NII-3	20 MHz	149	5745MHz
			153	5765MHz
			157	5785MHz
			161	5805MHz
			165	5825MHz
		40 MHz	151	5755MHz
			159	5795MHz
		80 MHz	155	5775MHz
Does this device support TPC Function? ☐Yes ☒No				
Does this device support TDWR Band? ☐Yes ☒No				

5. Test Case Results

5.1. Occupied Bandwidth

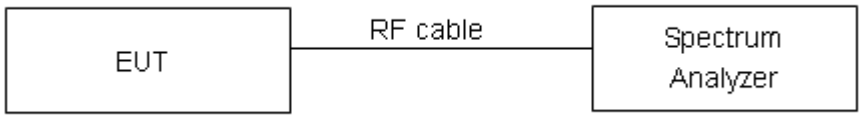
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.
For U-NII-1/U-NII-2A/U-NII-2C, set RBW ≈1% OCB kHz, VBW ≥ 3 × RBW, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 26 dB relative to the maximum level measured in the fundamental emission.
For U-NII-3, Set RBW = 100 kHz, VBW ≥ 3 × RBW, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.
Use the 99 % power bandwidth function of the instrument

Test Setup



Limits

For U-NII-1/U-NII-2A/U-NII-2C
No specific occupied bandwidth requirements in Part 15.407.
For U-NII-3
Rule FCC Part §15.407(e)
Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

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:

U-NII-1

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5180	16.605	19.956	Pass
802.11a	5200	16.527	19.836	Pass
802.11a	5240	16.551	20.188	Pass
802.11ac(VHT20)	5180	17.646	20.590	Pass
802.11ac(VHT20)	5200	17.602	20.224	Pass
802.11ac(VHT20)	5240	17.604	20.258	Pass
802.11ac(VHT40)	5190	35.955	40.395	Pass
802.11ac(VHT40)	5230	35.979	40.524	Pass
802.11ac(VHT80)	5210	75.276	81.291	Pass
802.11n(HT20)	5180	17.675	21.410	Pass
802.11n(HT20)	5200	17.630	20.801	Pass
802.11n(HT20)	5240	17.622	21.077	Pass
802.11n(HT40)	5190	36.045	40.692	Pass
802.11n(HT40)	5230	36.047	40.726	Pass

U-NII-2A

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5260	16.550	19.793	Pass
802.11a	5300	16.607	19.870	Pass
802.11a	5320	16.514	19.951	Pass
802.11ac(VHT20)	5260	17.601	20.417	Pass
802.11ac(VHT20)	5300	17.571	20.312	Pass
802.11ac(VHT20)	5320	17.634	20.329	Pass
802.11ac(VHT40)	5270	36.077	40.593	Pass
802.11ac(VHT40)	5310	36.041	40.882	Pass
802.11ac(VHT80)	5290	75.369	81.204	Pass
802.11n(HT20)	5260	17.653	20.621	Pass
802.11n(HT20)	5300	17.646	20.891	Pass
802.11n(HT20)	5320	17.607	20.481	Pass
802.11n(HT40)	5270	36.030	40.536	Pass
802.11n(HT40)	5310	35.980	52.631	Pass

U-NII-2C

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 26 dB bandwidth (MHz)	Conclusion
802.11a	5500	16.707	23.692	Pass
802.11a	5580	16.598	21.015	Pass
802.11a	5700	16.575	20.181	Pass
802.11ac(VHT20)	5500	17.653	20.252	Pass
802.11ac(VHT20)	5580	17.594	20.348	Pass
802.11ac(VHT20)	5700	17.625	20.409	Pass
802.11ac(VHT40)	5510	35.984	40.940	Pass
802.11ac(VHT40)	5550	35.933	40.285	Pass
802.11ac(VHT40)	5670	36.011	40.743	Pass
802.11ac(VHT80)	5530	75.362	81.210	Pass
802.11n(HT20)	5500	17.747	23.357	Pass
802.11n(HT20)	5580	17.652	20.166	Pass
802.11n(HT20)	5700	17.632	21.804	Pass
802.11n(HT40)	5510	36.060	53.625	Pass
802.11n(HT40)	5550	36.067	40.609	Pass
802.11n(HT40)	5670	36.022	49.636	Pass

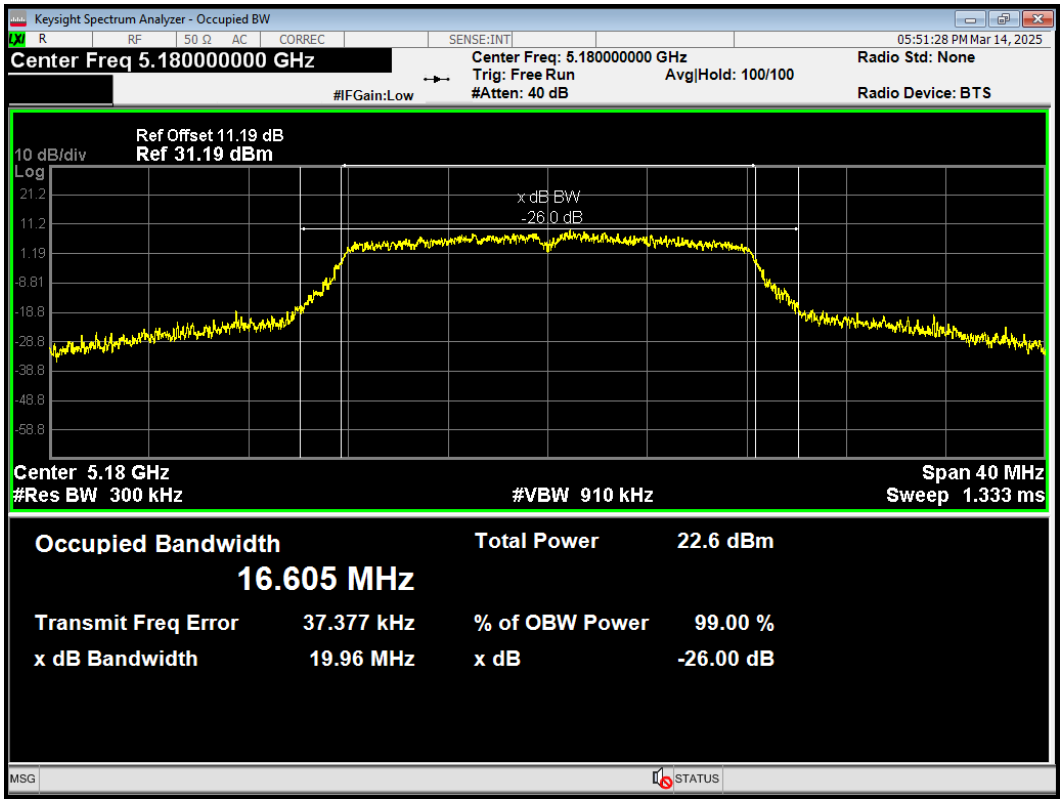
U-NII-3

Mode	Carrier frequency (MHz)	99% bandwidth (MHz)	Minimum 6 dB bandwidth (MHz)	Limit (kHz)	Conclusion
802.11a	5745	16.579	15.309	500	Pass
802.11a	5785	16.546	15.918	500	Pass
802.11a	5825	16.600	14.447	500	Pass
802.11ac(VHT20)	5745	17.629	17.574	500	Pass
802.11ac(VHT20)	5785	17.589	17.577	500	Pass
802.11ac(VHT20)	5825	17.588	17.653	500	Pass
802.11ac(VHT40)	5755	36.018	36.412	500	Pass
802.11ac(VHT40)	5795	36.015	36.430	500	Pass
802.11ac(VHT80)	5775	75.354	75.324	500	Pass
802.11n(HT20)	5745	17.637	17.550	500	Pass
802.11n(HT20)	5785	17.658	17.595	500	Pass
802.11n(HT20)	5825	17.697	17.622	500	Pass
802.11n(HT40)	5755	36.098	36.454	500	Pass
802.11n(HT40)	5795	36.096	36.296	500	Pass

99% bandwidth

U-NII-1

OBW 802.11a 5180MHz



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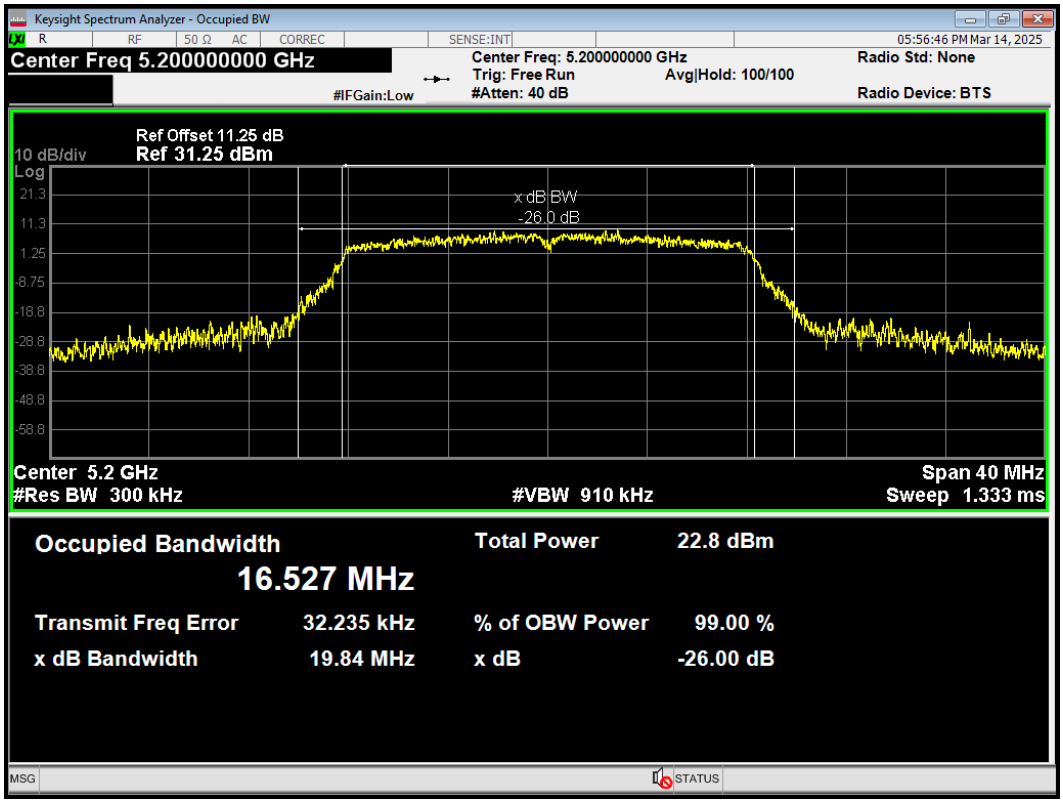

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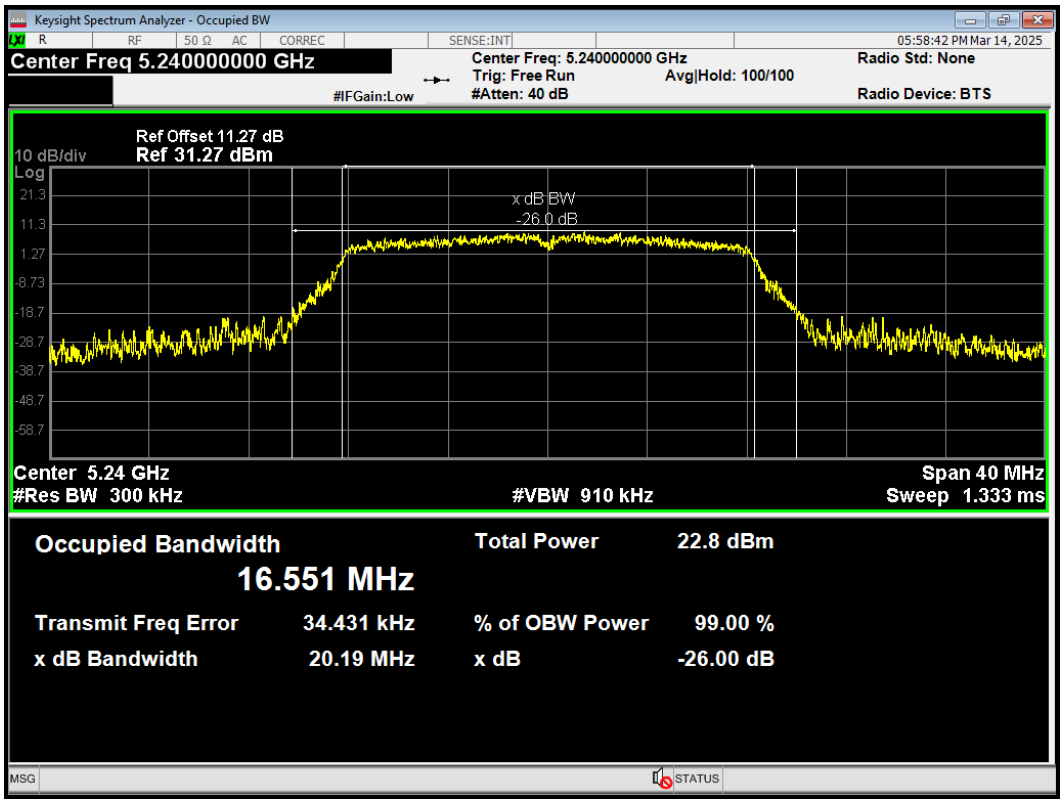

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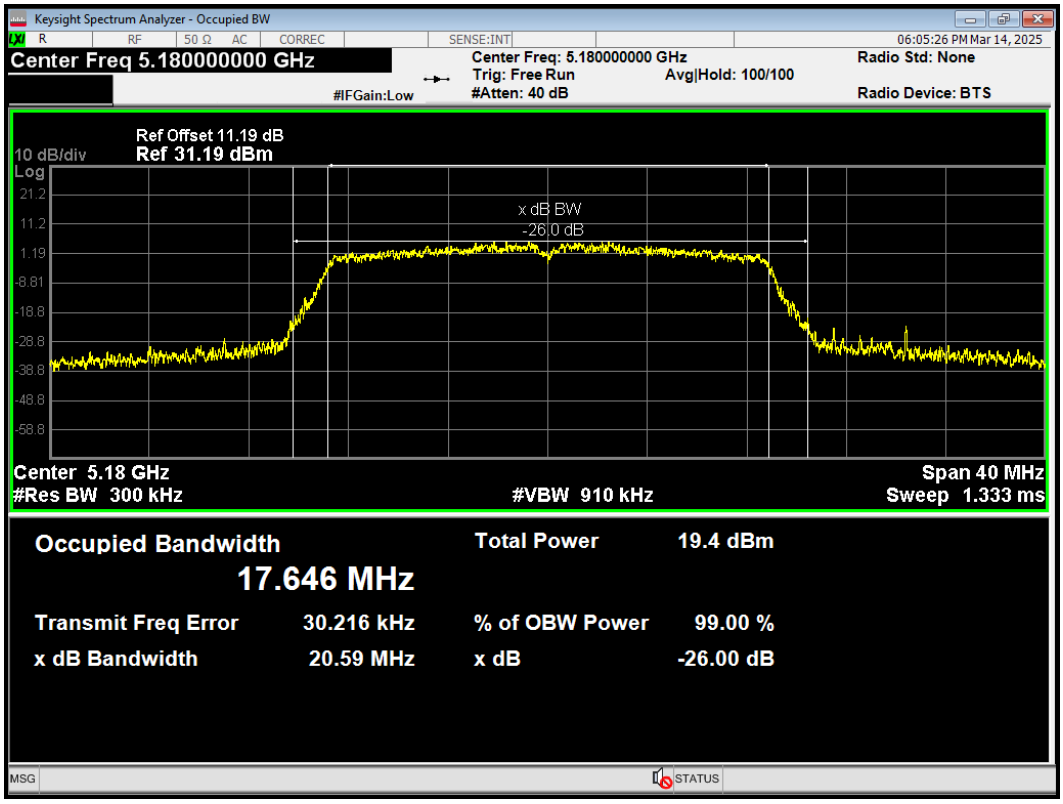

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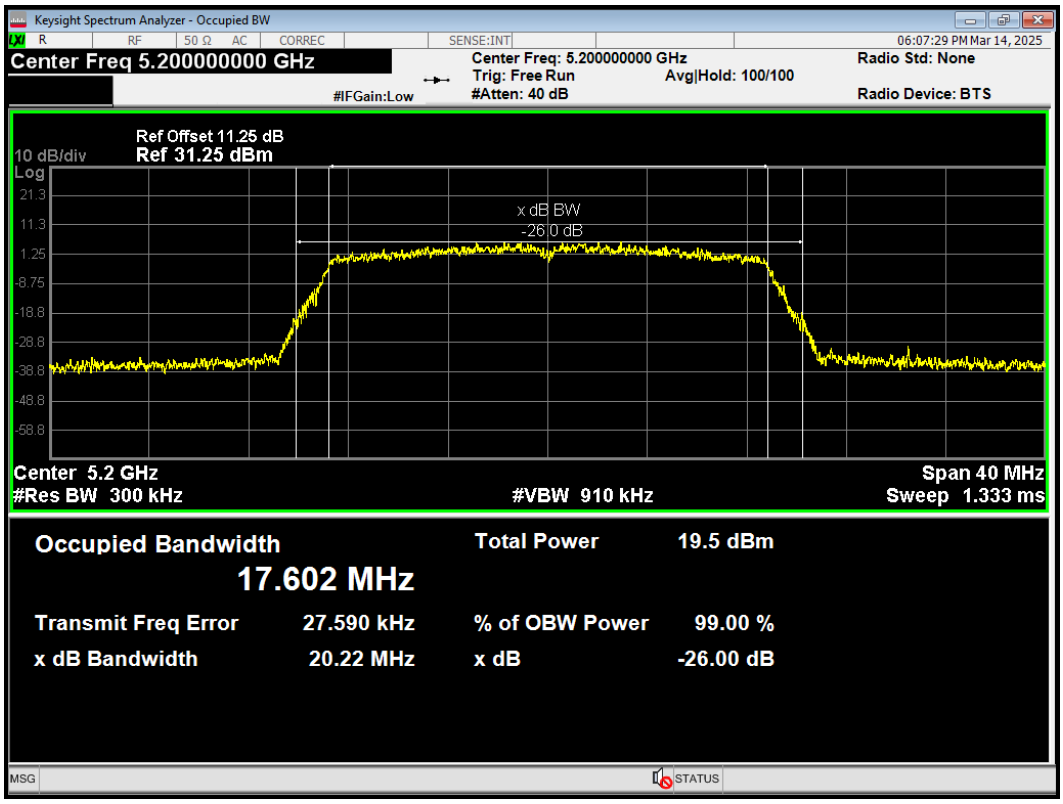

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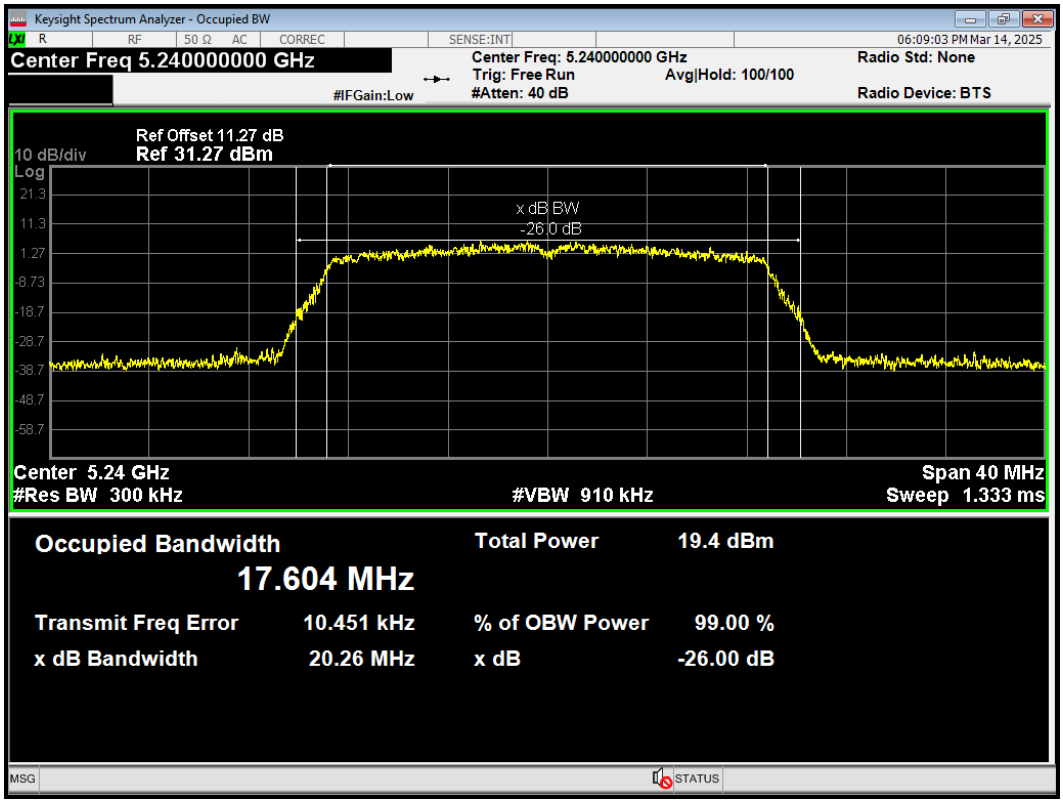

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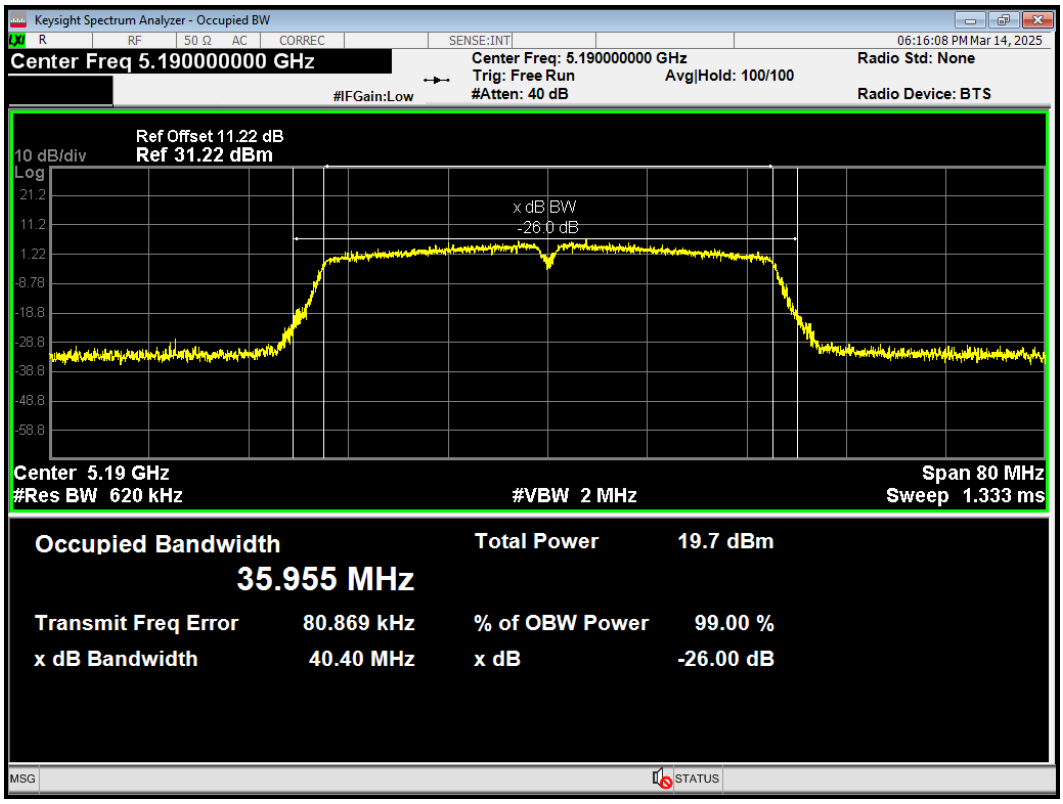

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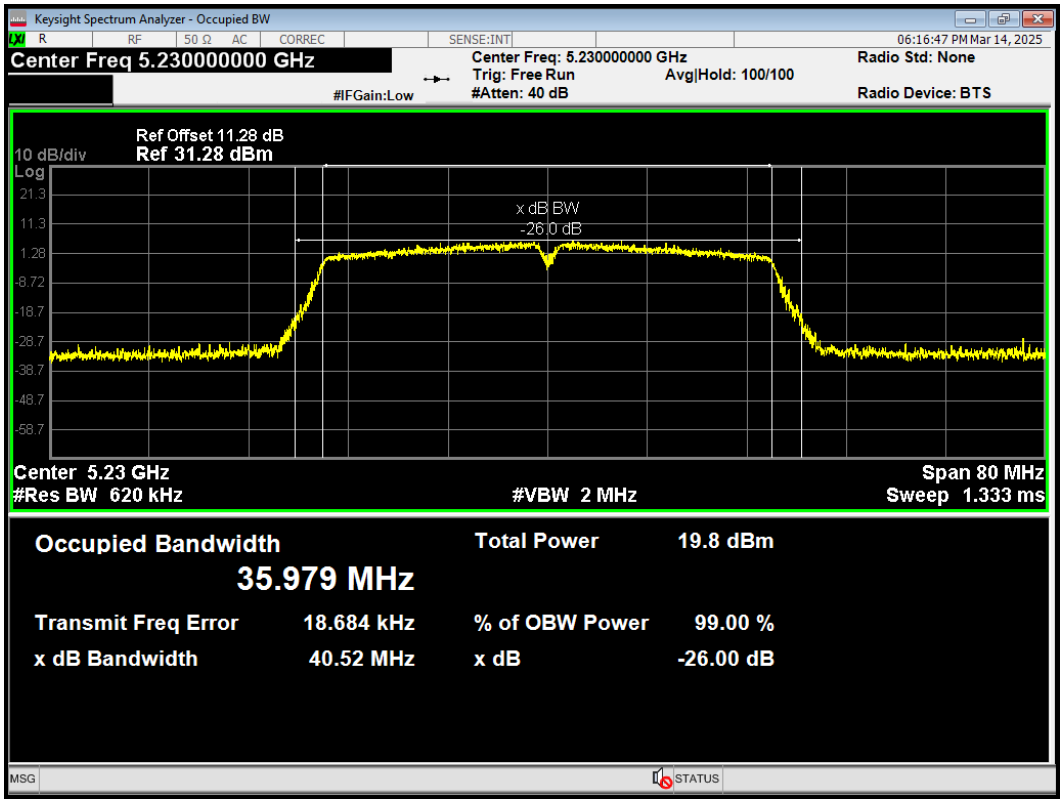

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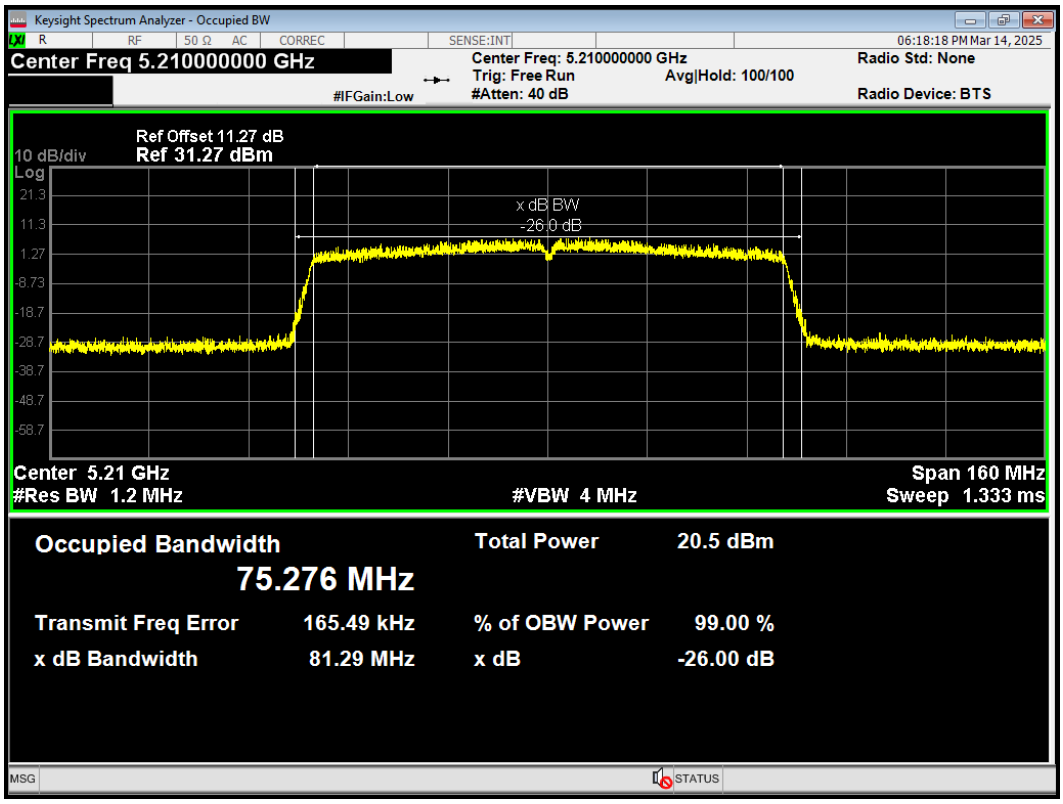

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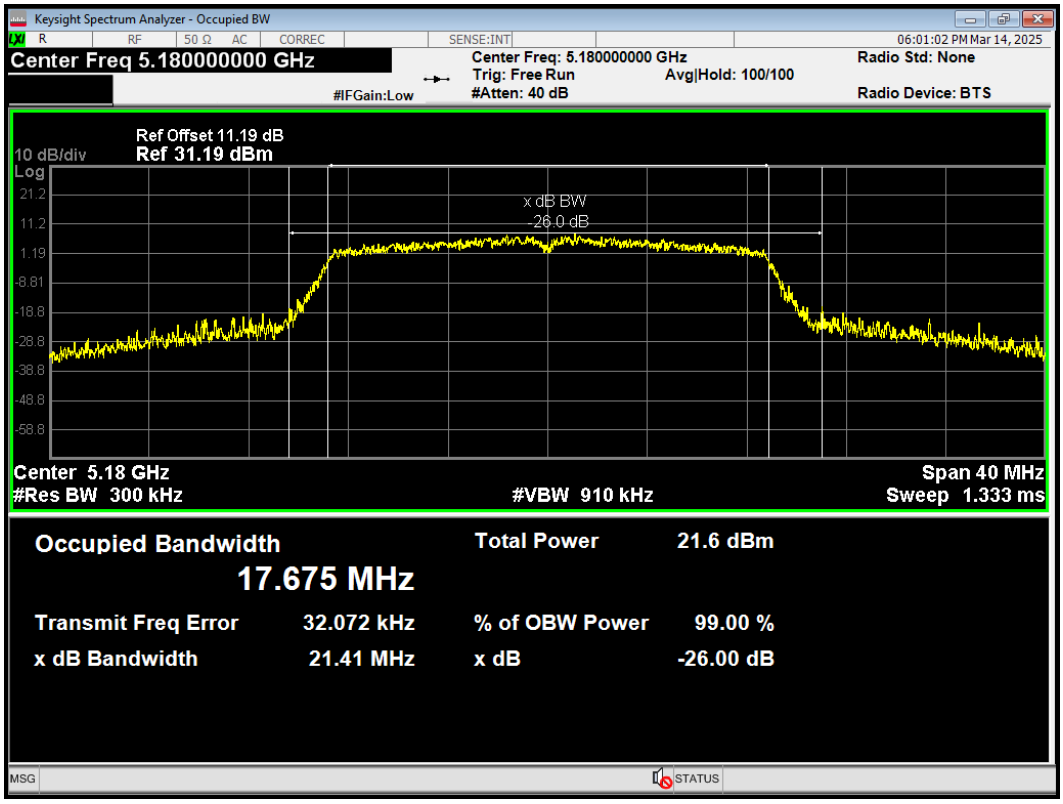

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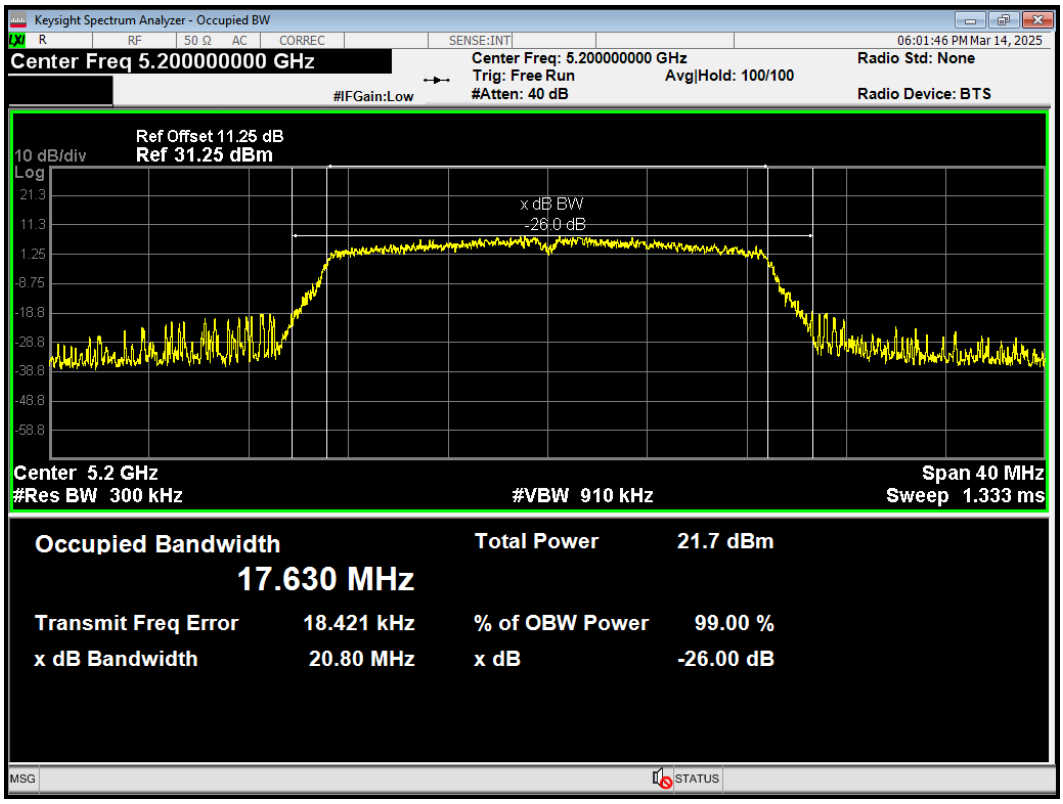

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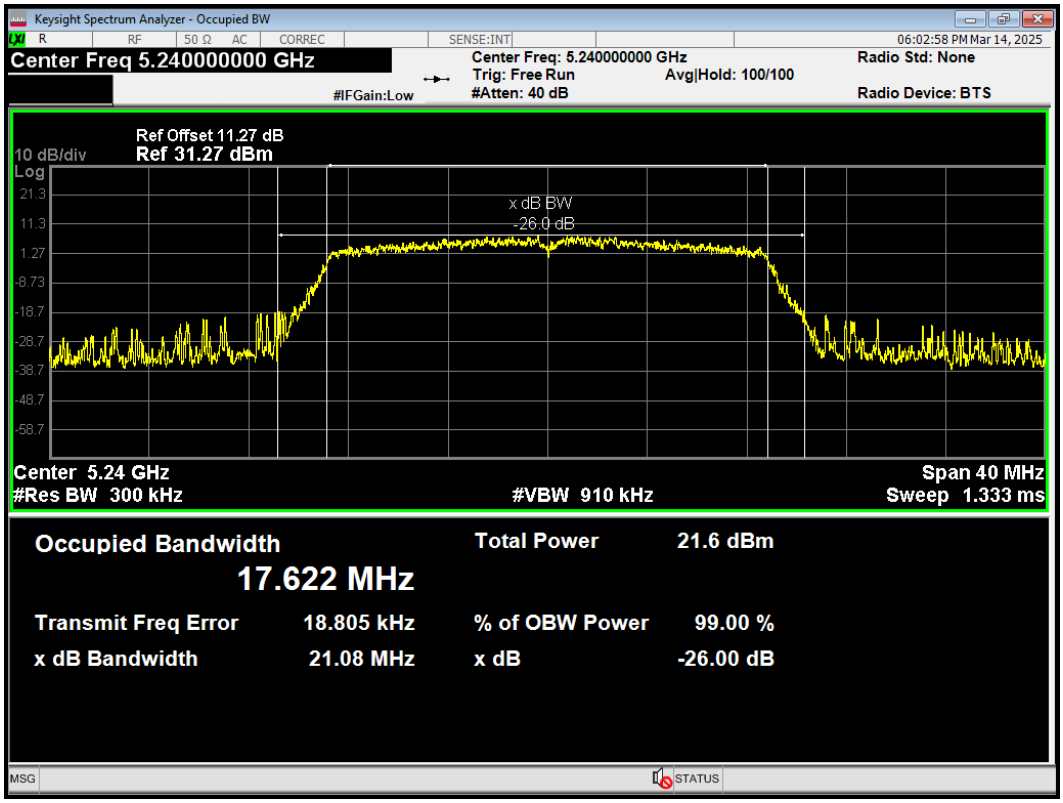

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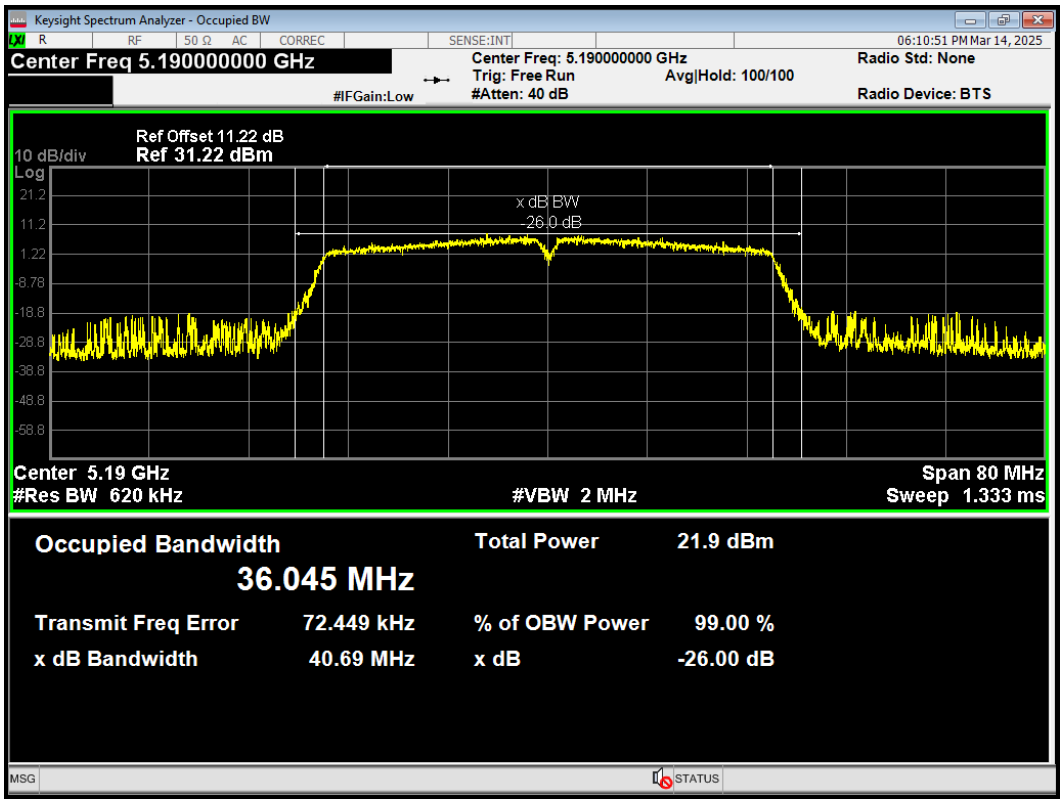

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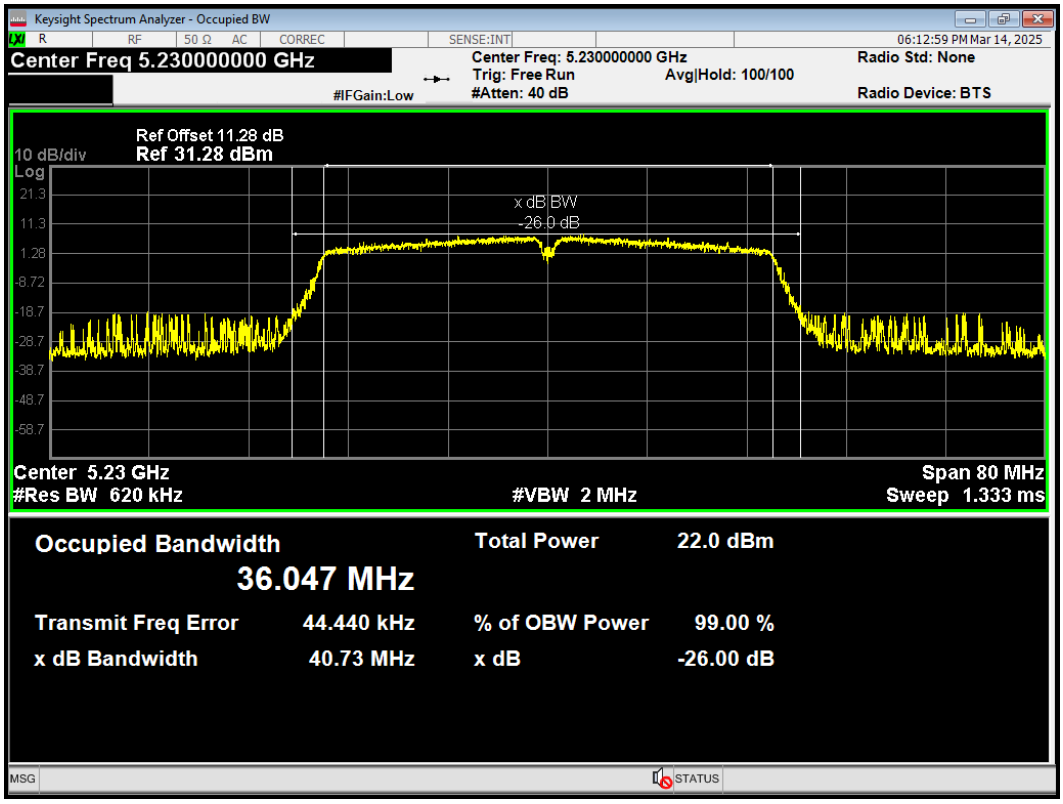
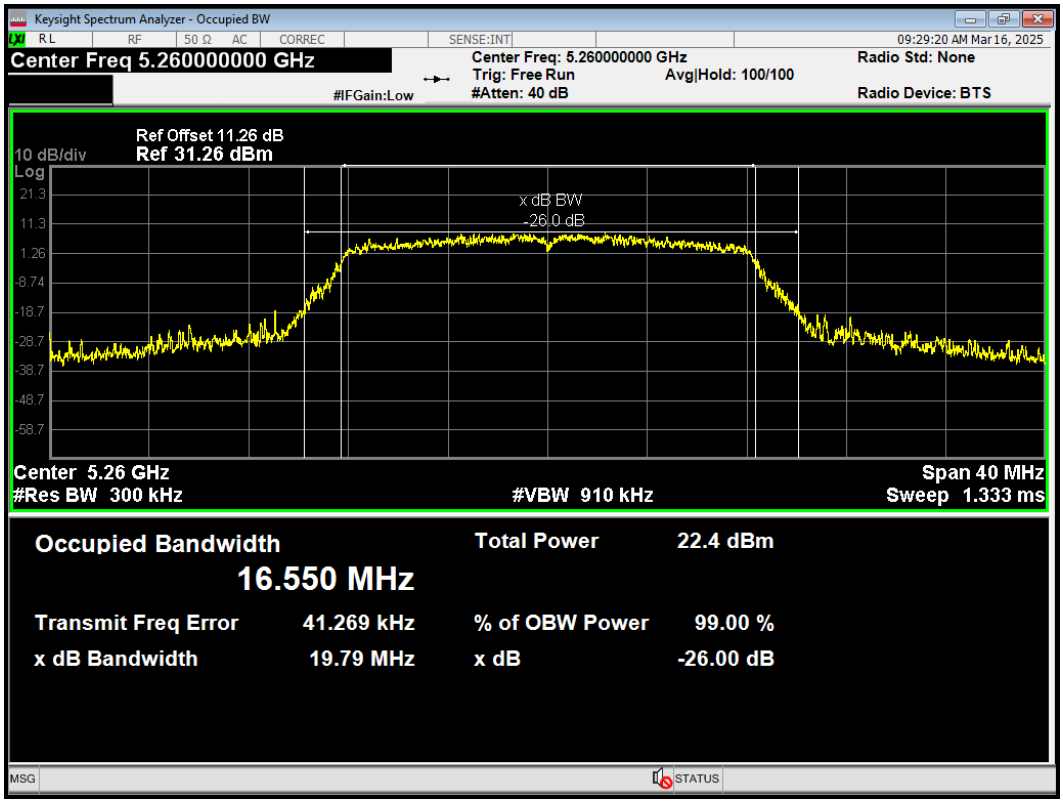
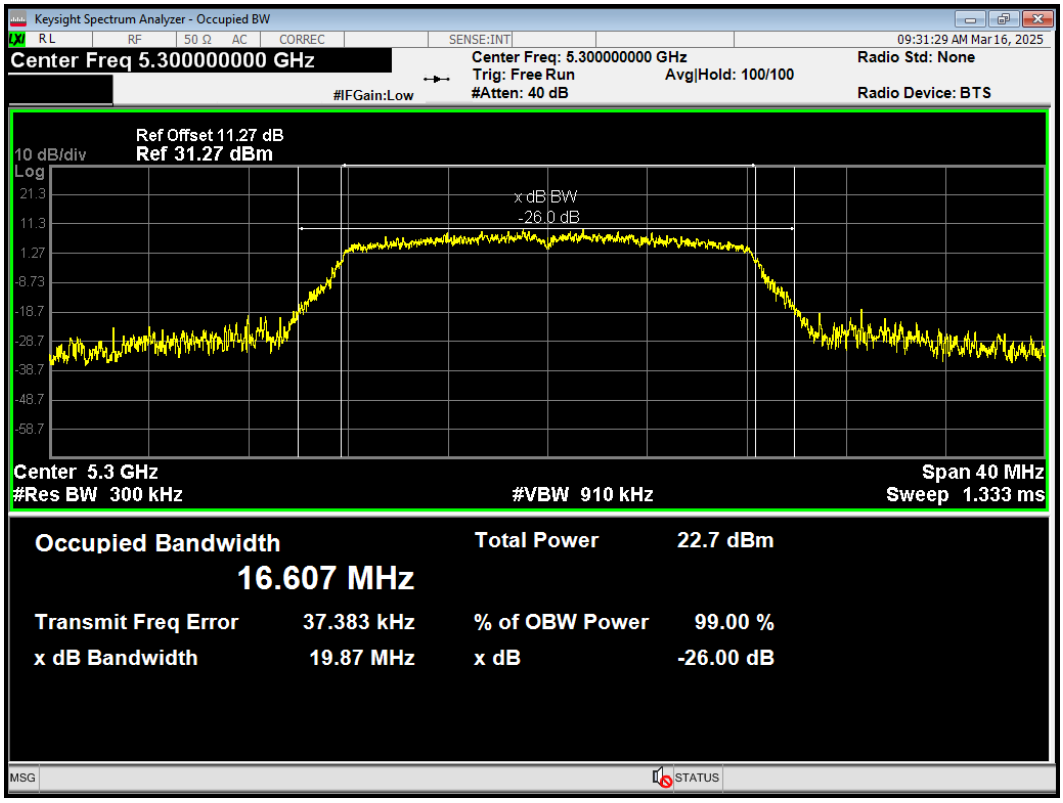


U-NII-2A

OBW 802.11a 5260MHz



OBW 802.11a 5300MHz



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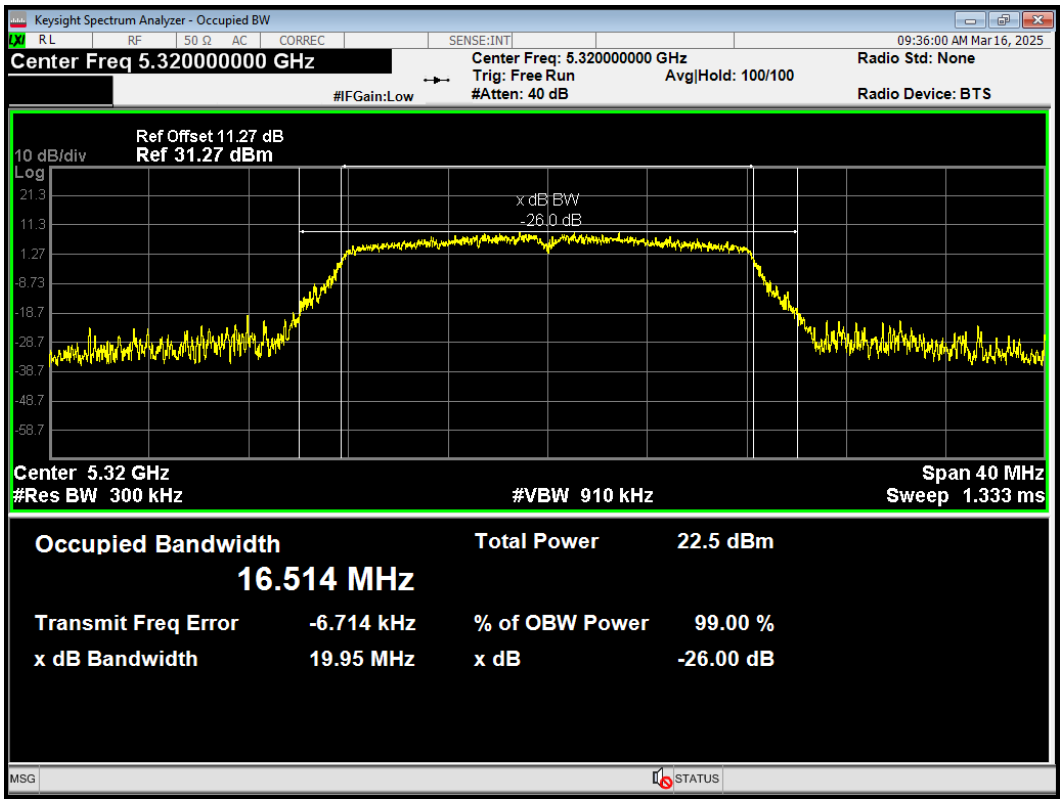

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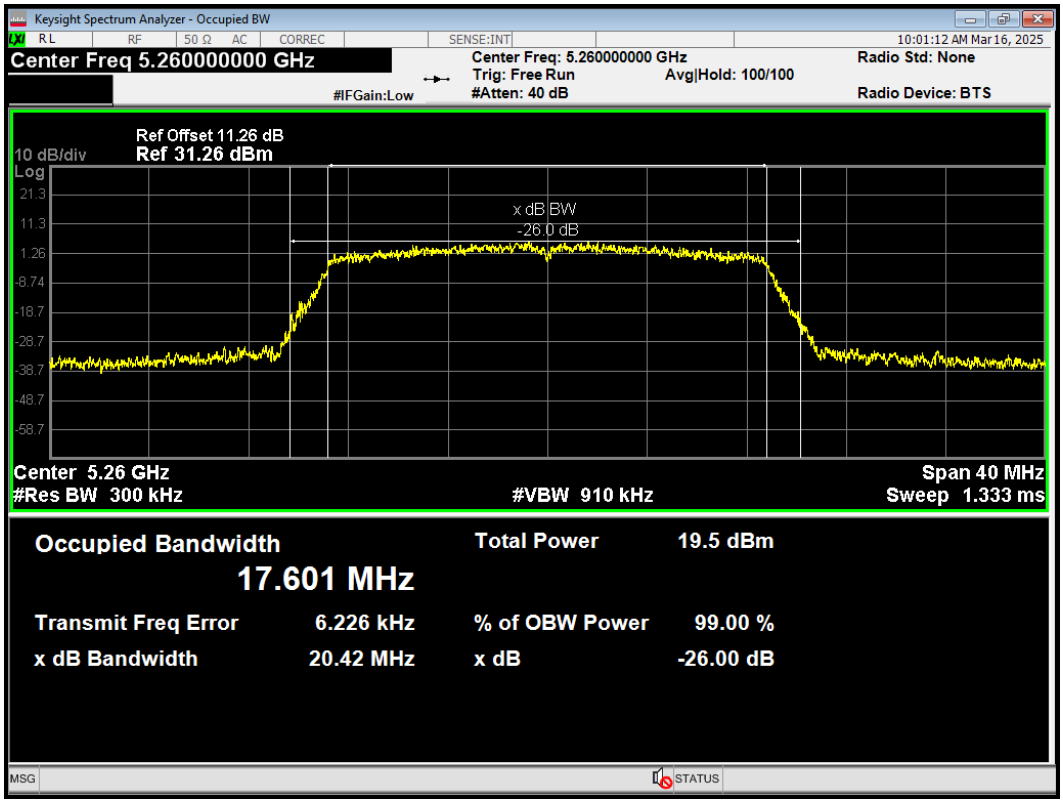

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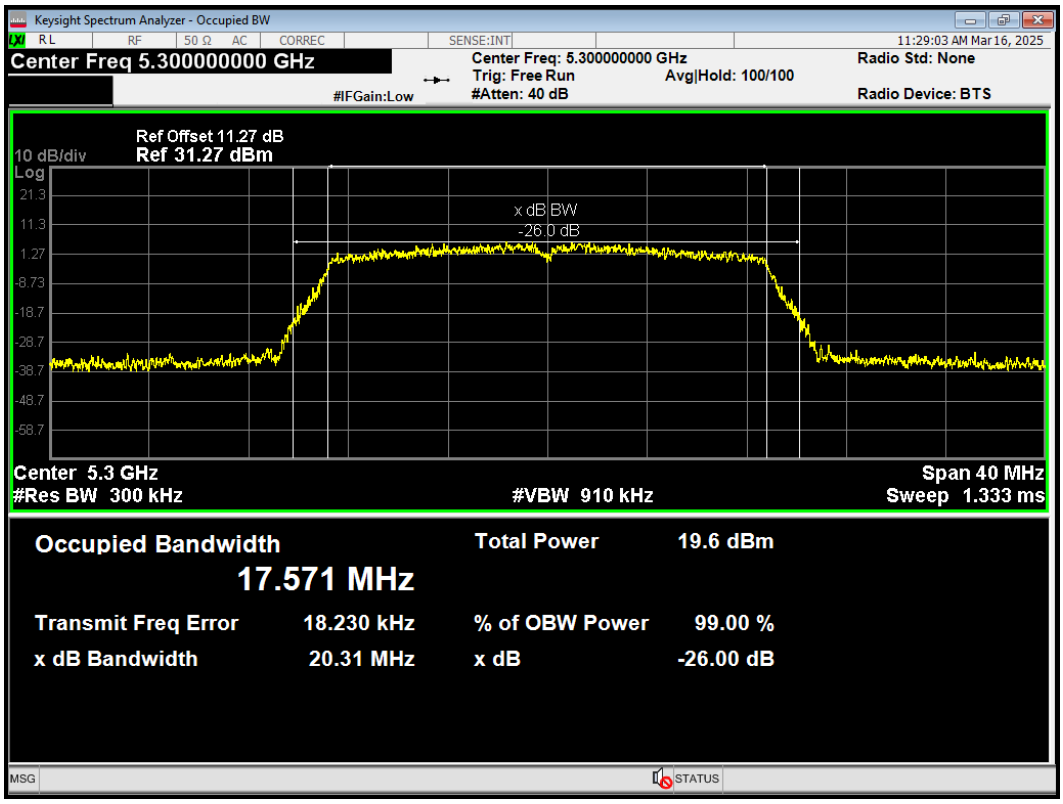

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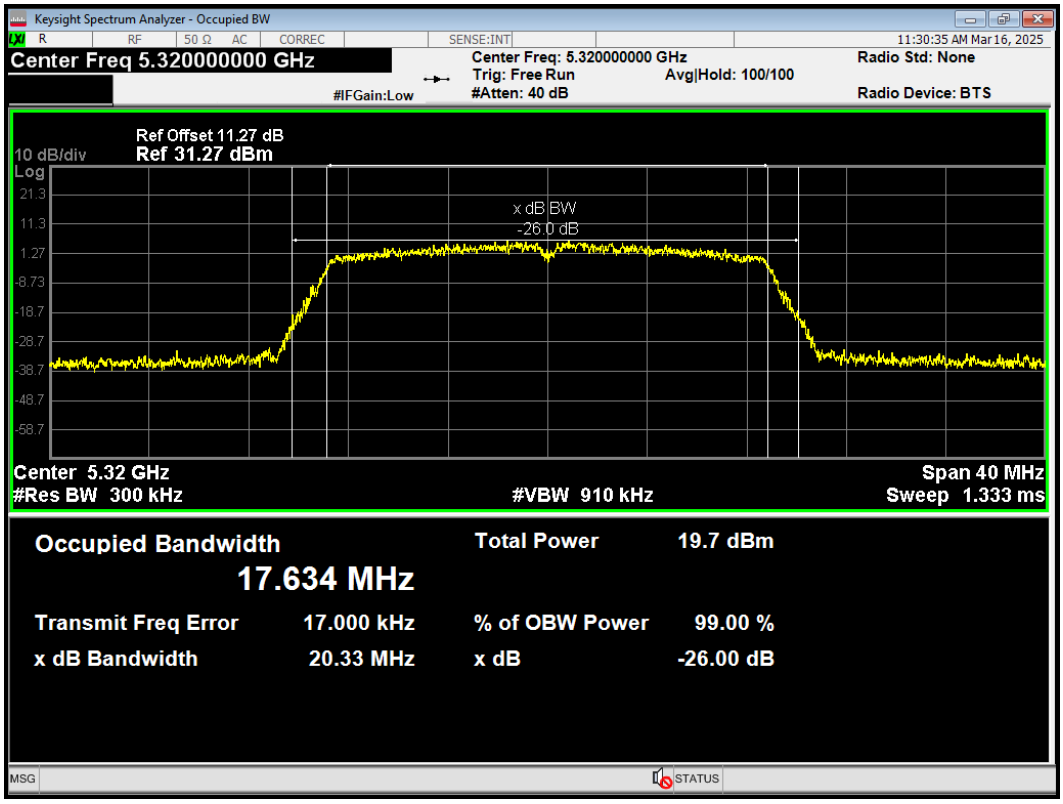

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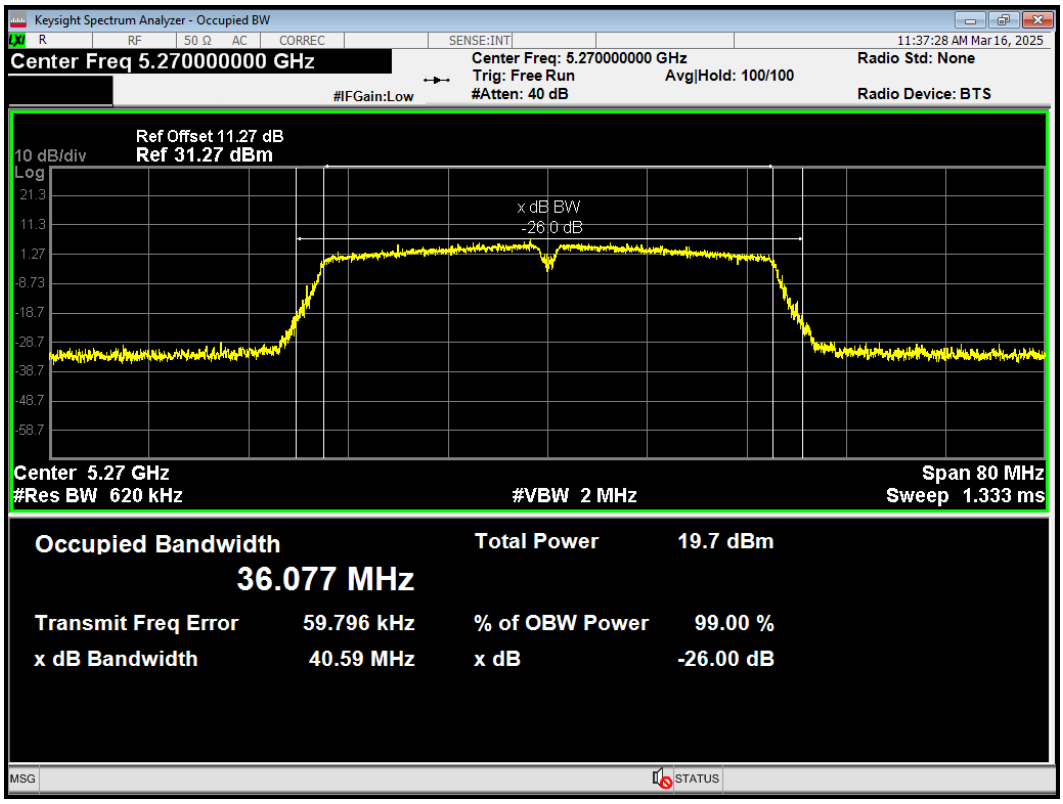

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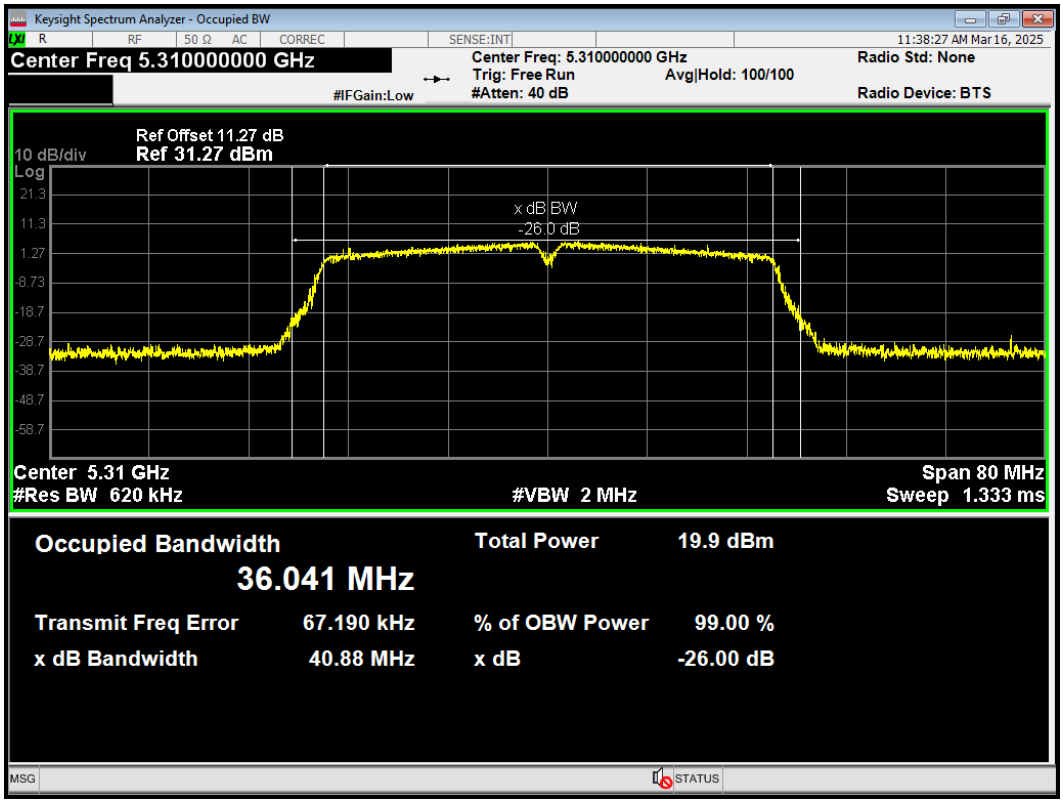

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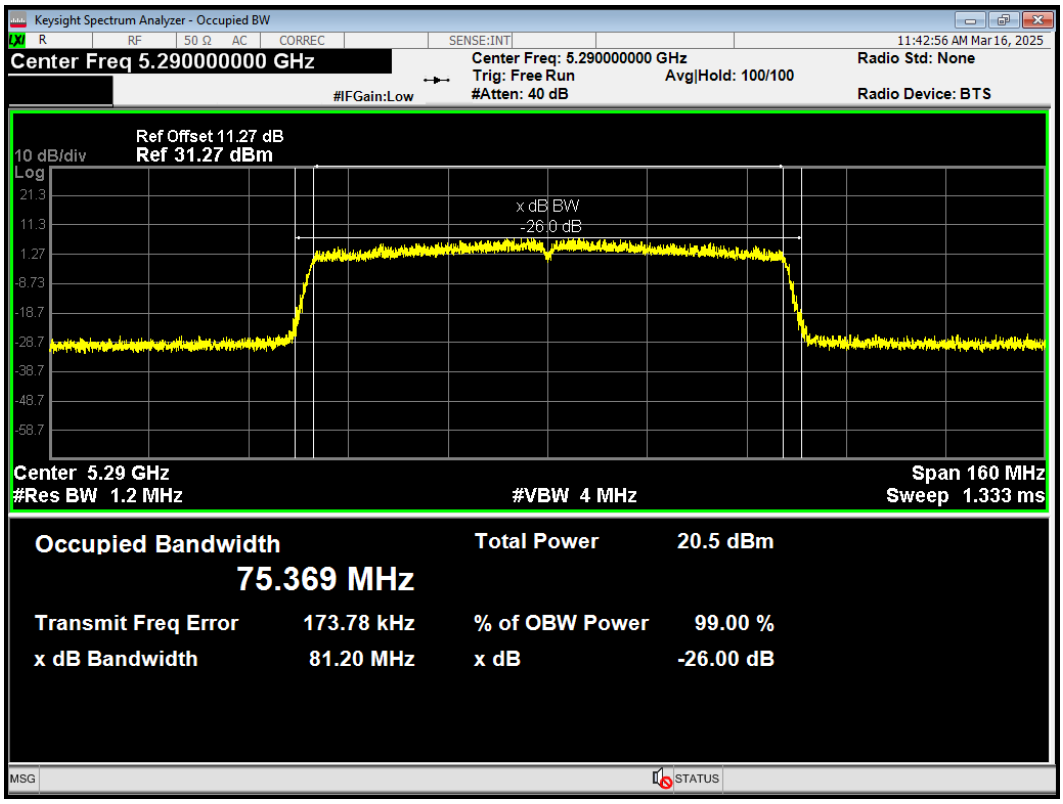
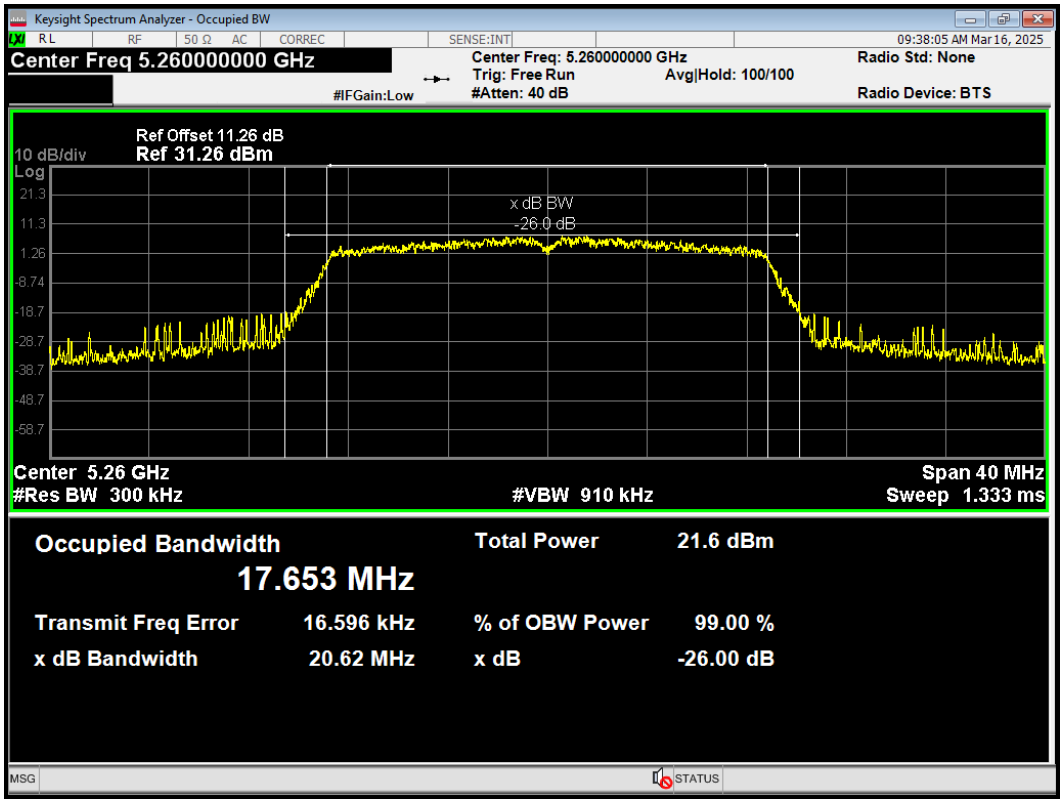
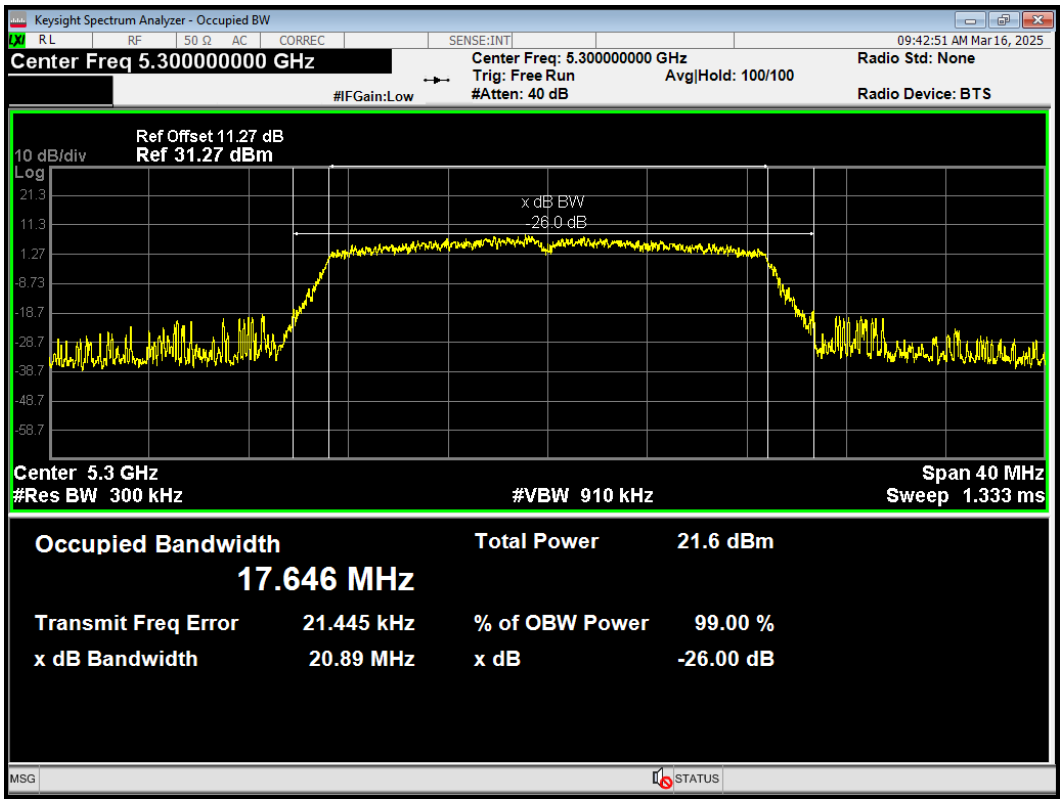


OBW 802.11n(HT20) 5260MHz



OBW 802.11n(HT20) 5300MHz



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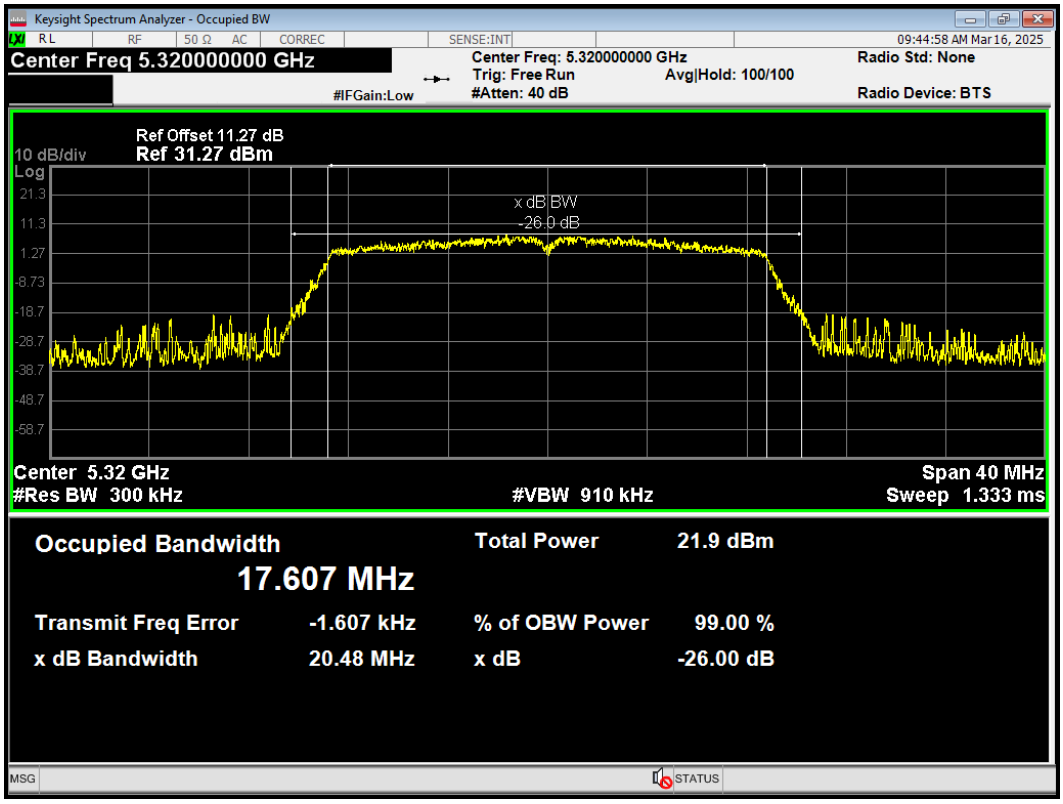

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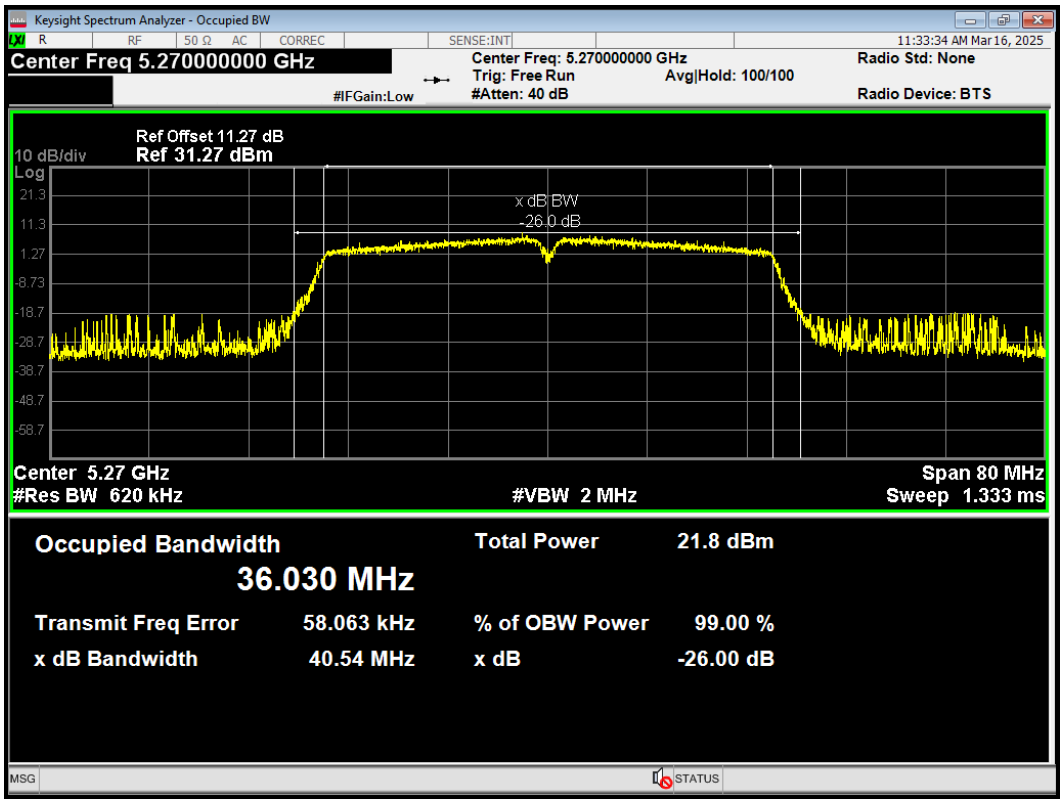

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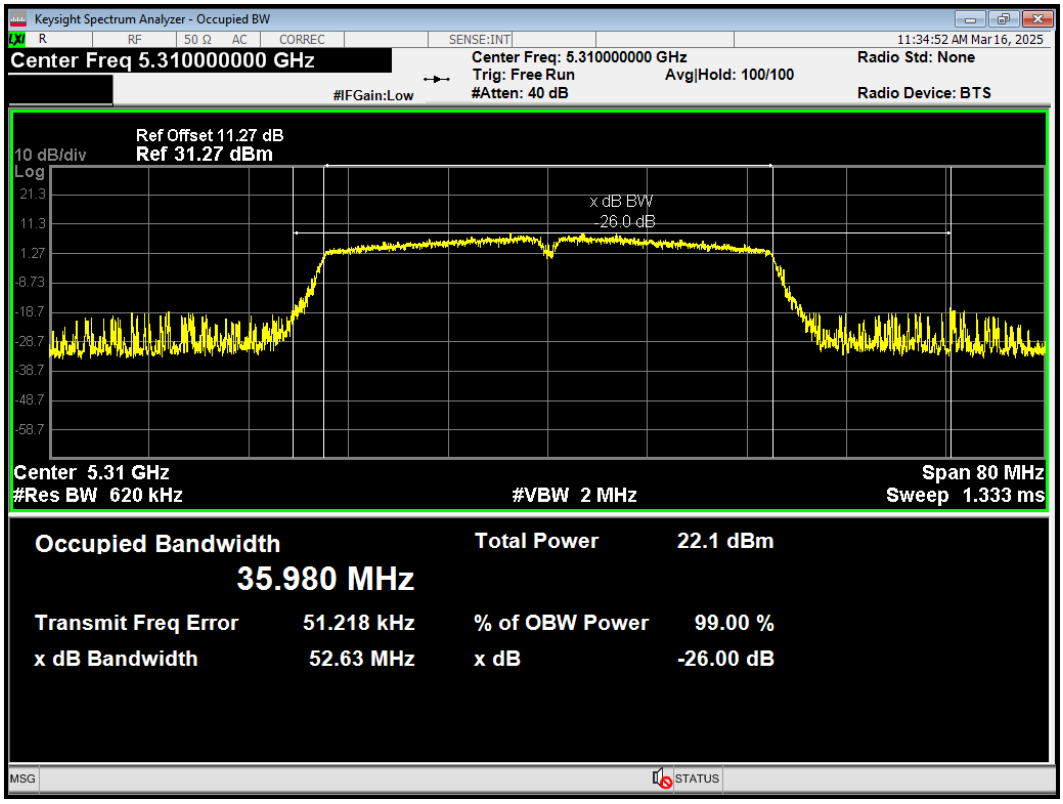
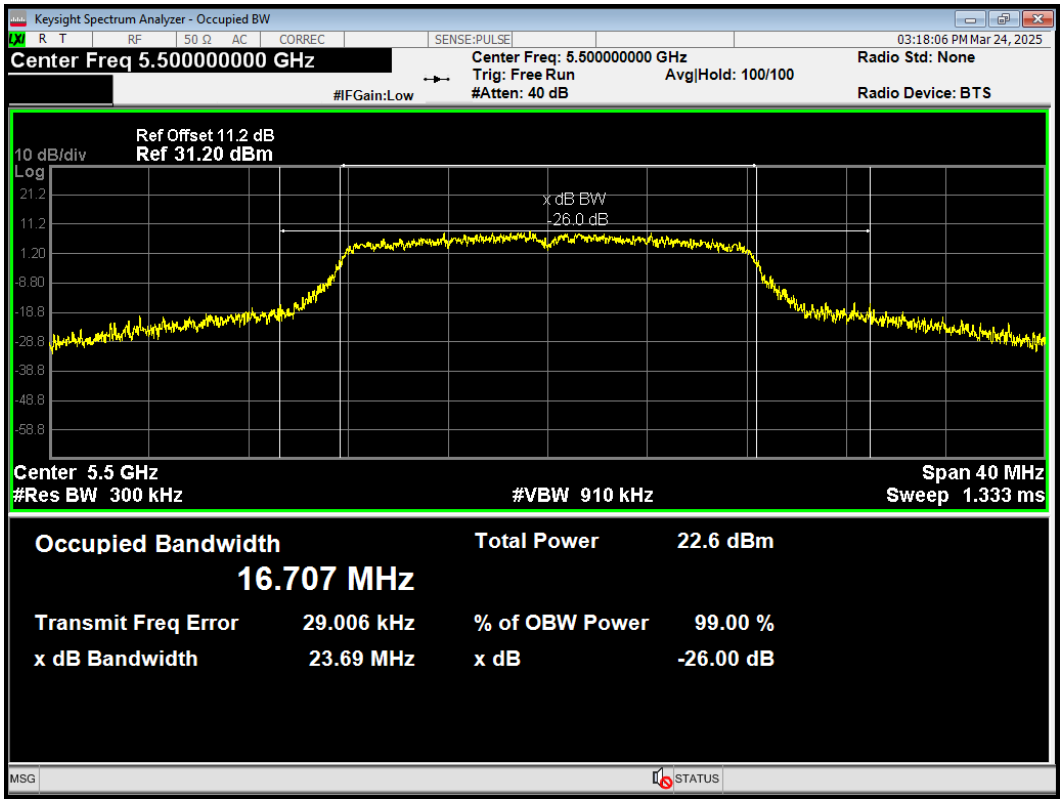
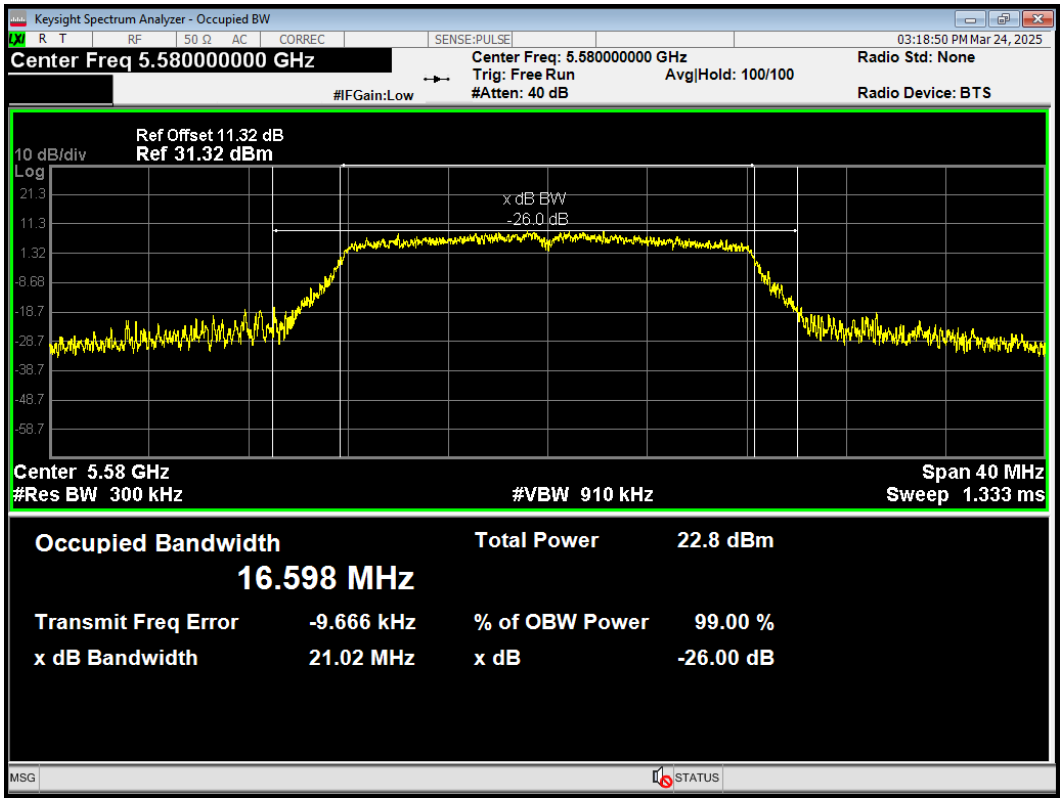


U-NII-2C

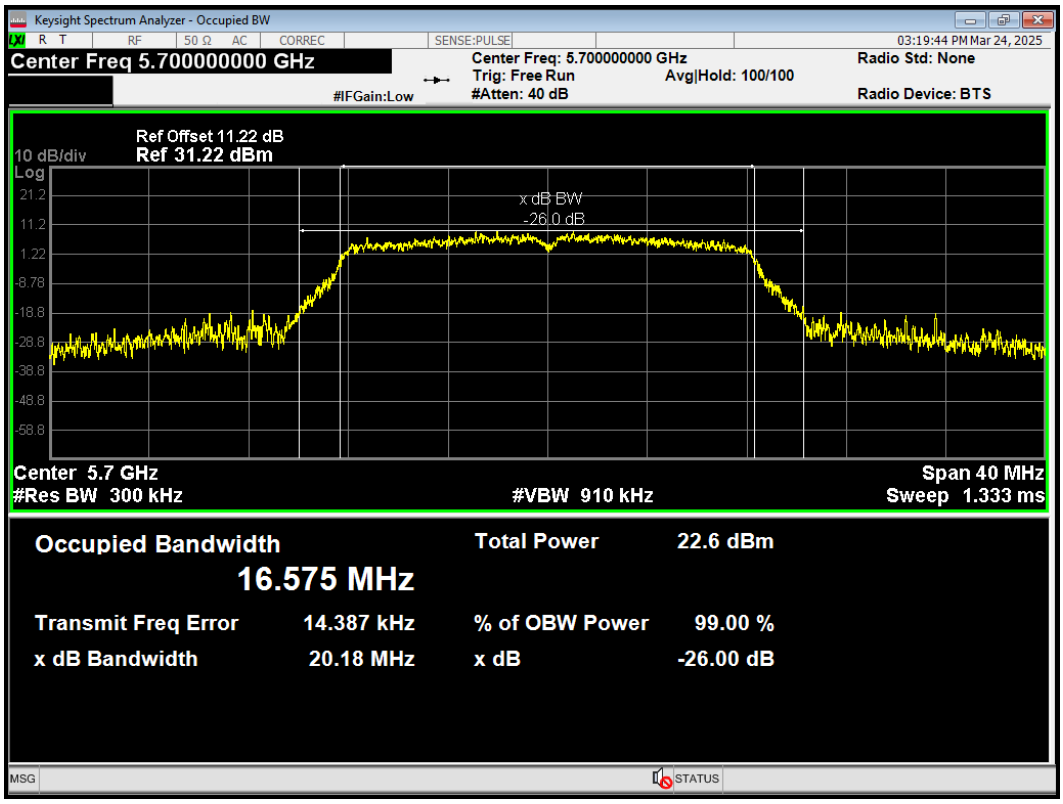
OBW 802.11a 5500MHz



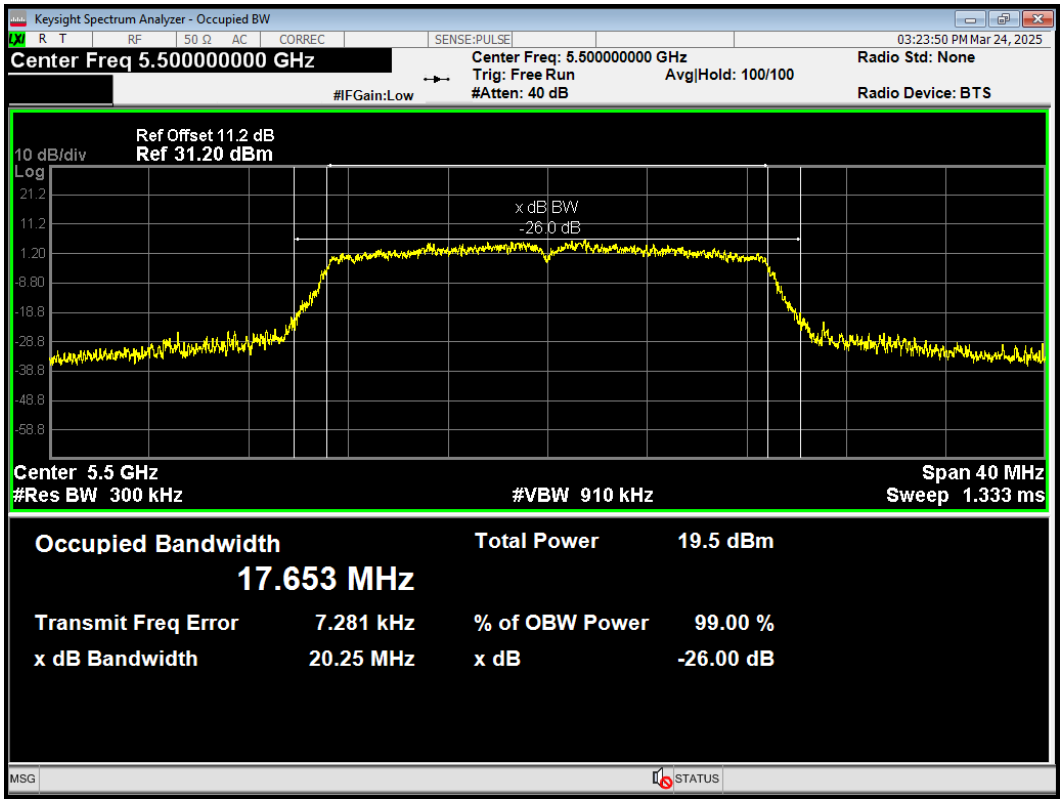
OBW 802.11a 5580MHz



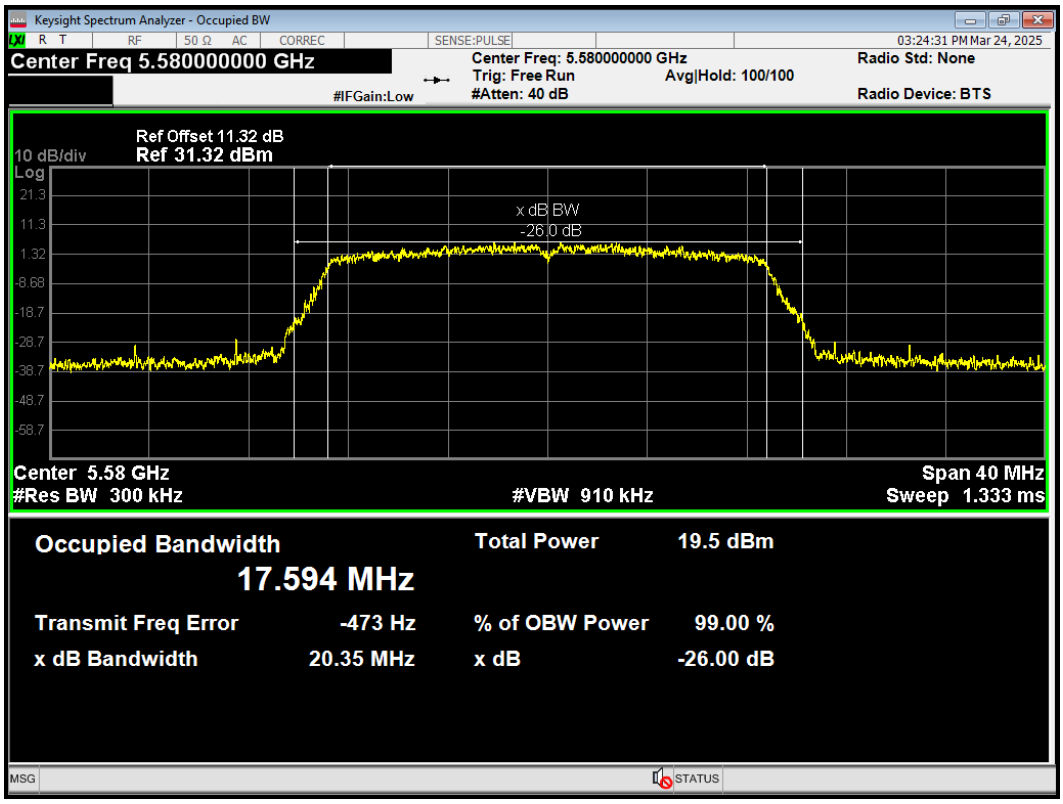
OBW 802.11a 5700MHz



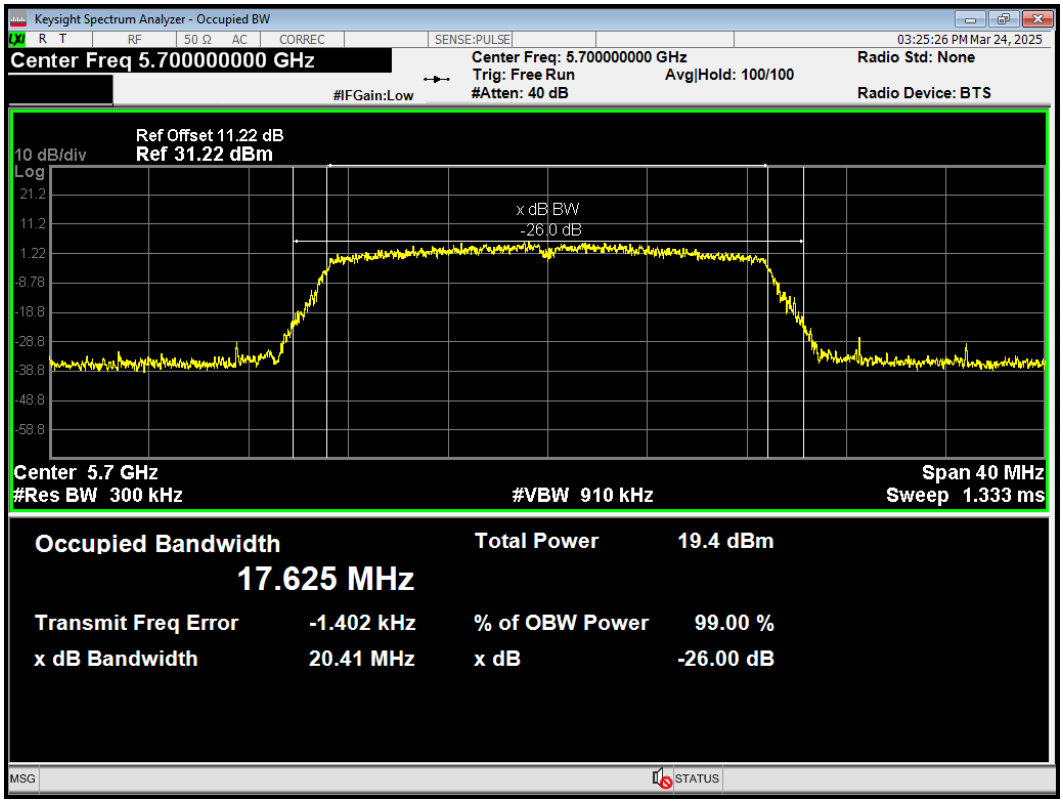
OBW 802.11ac(VHT20) 5500MHz



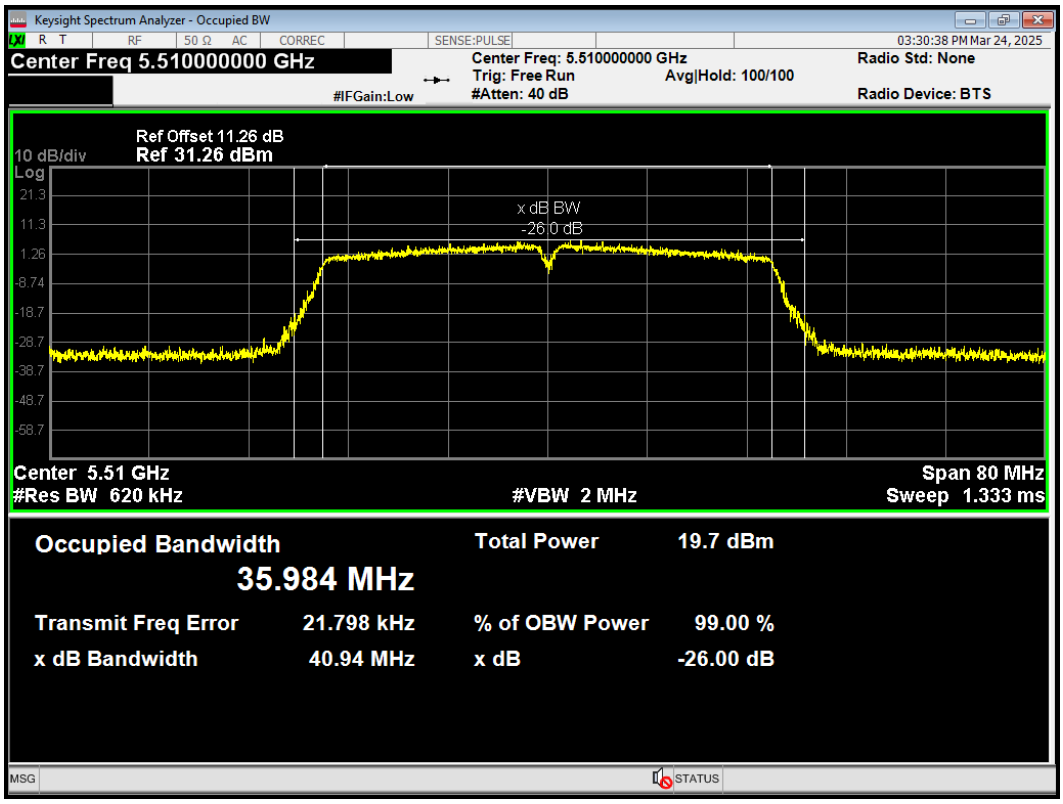
OBW 802.11ac(VHT20) 5580MHz



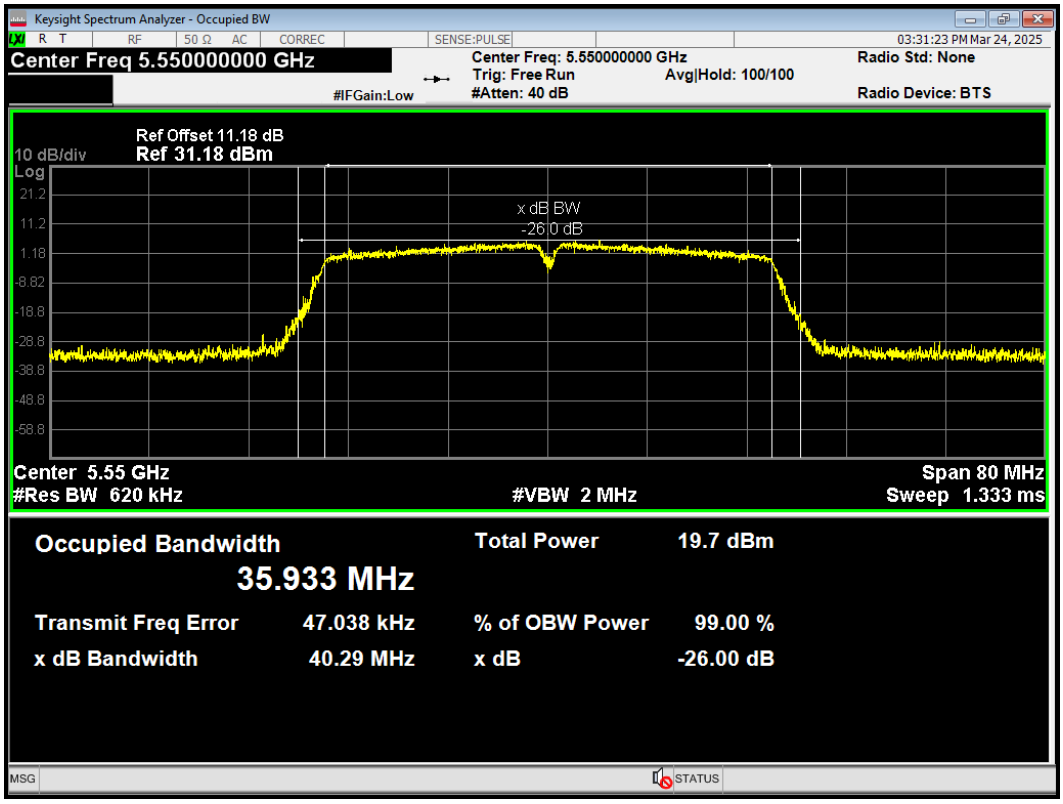
OBW 802.11ac(VHT20) 5700MHz



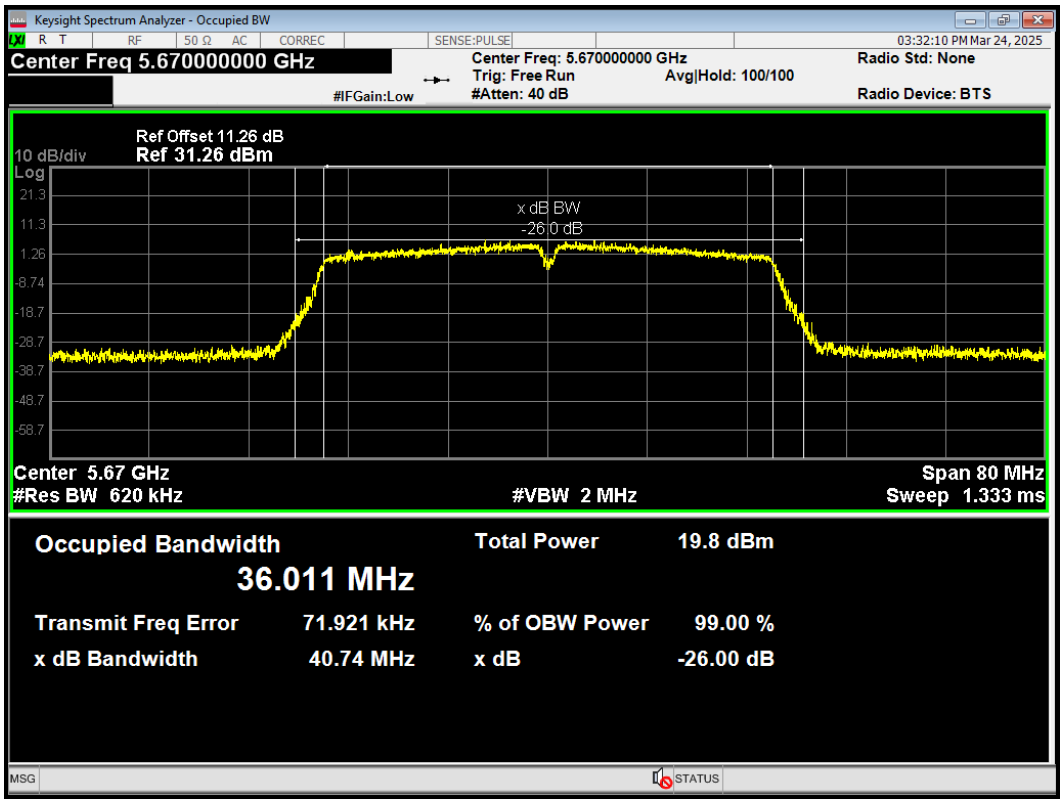
OBW 802.11ac(VHT40) 5510MHz



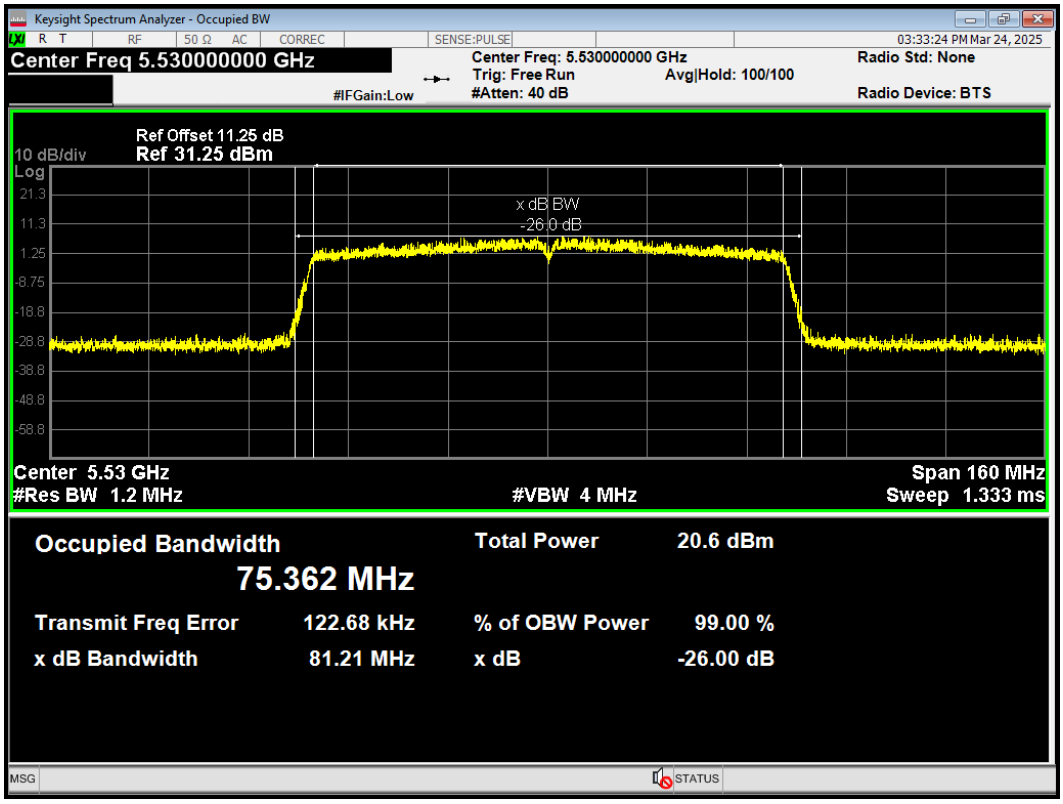
OBW 802.11ac(VHT40) 5550MHz



OBW 802.11ac(VHT40) 5670MHz



OBW 802.11ac(VHT80) 5530MHz



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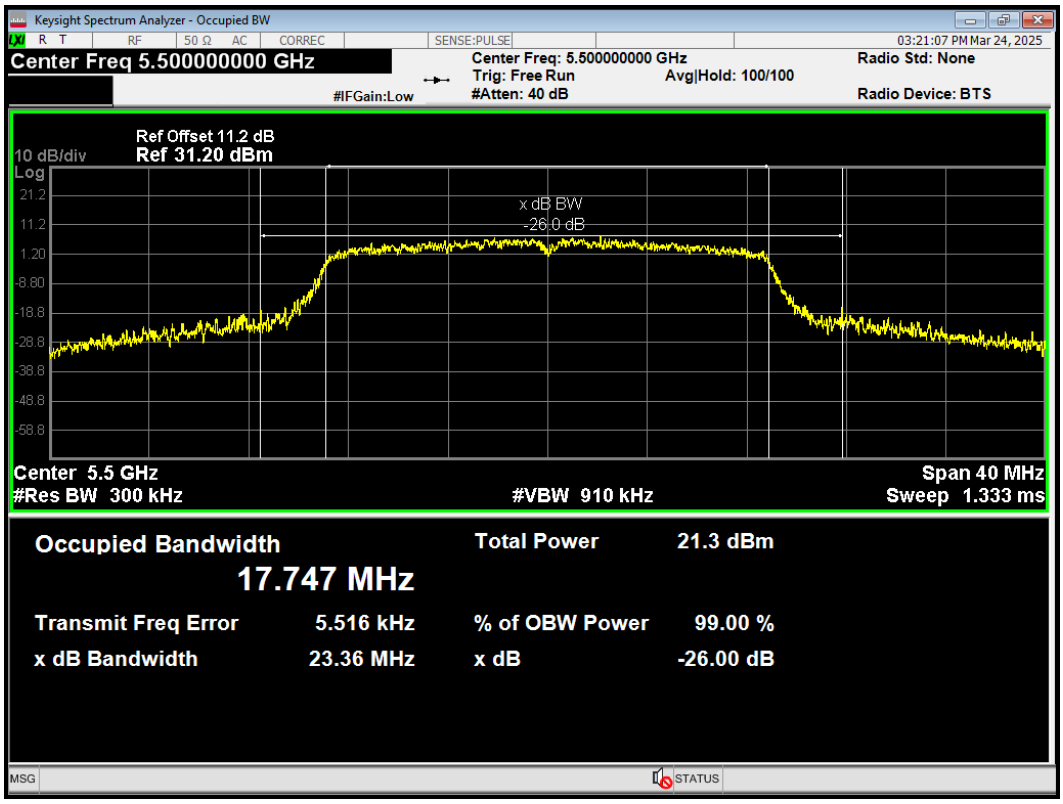
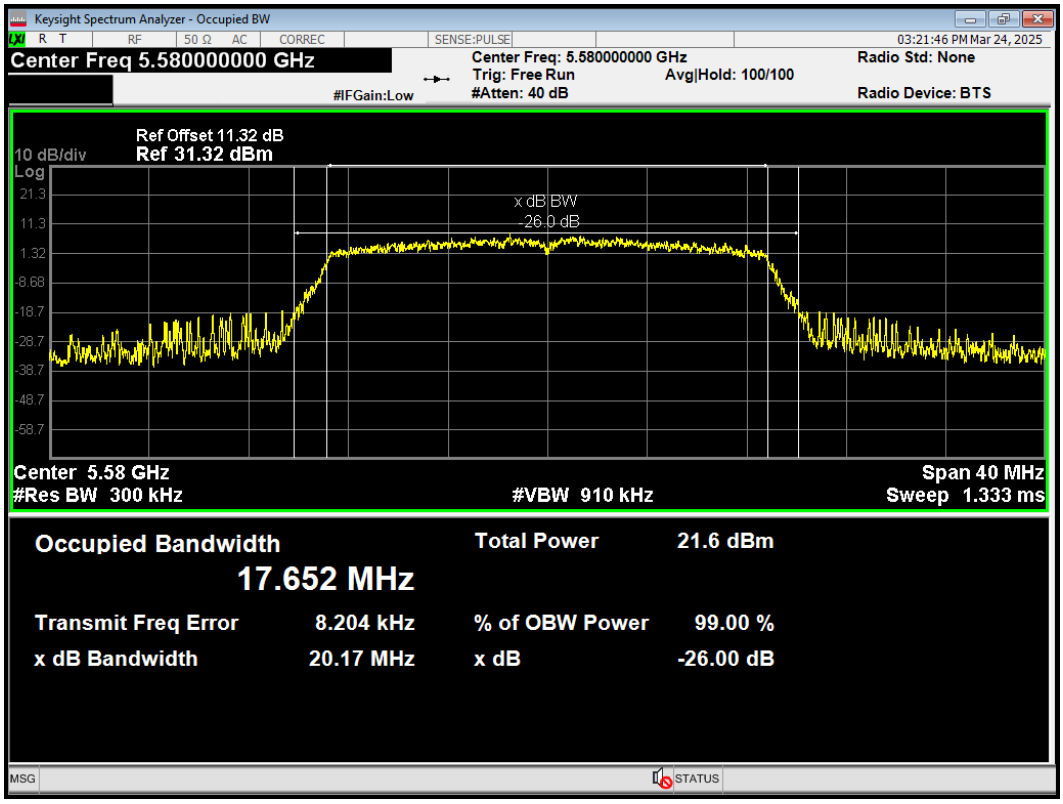
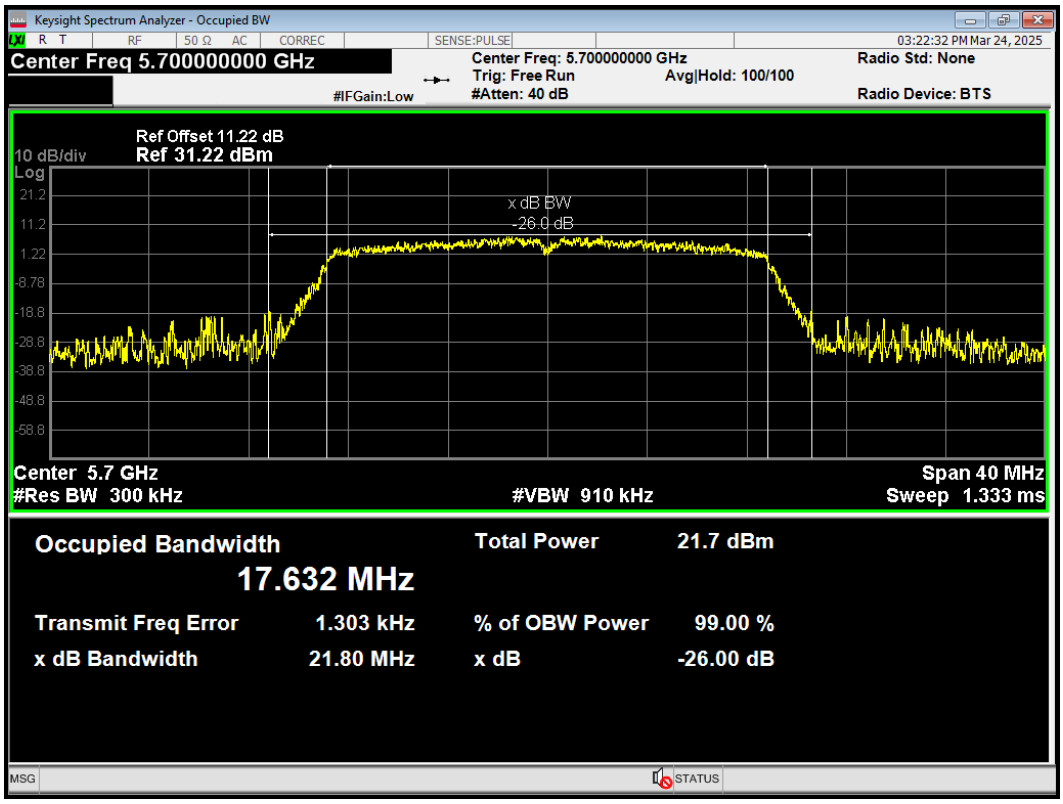


OBW 802.11n(HT20) 5580MHz



OBW 802.11n(HT20) 5700MHz



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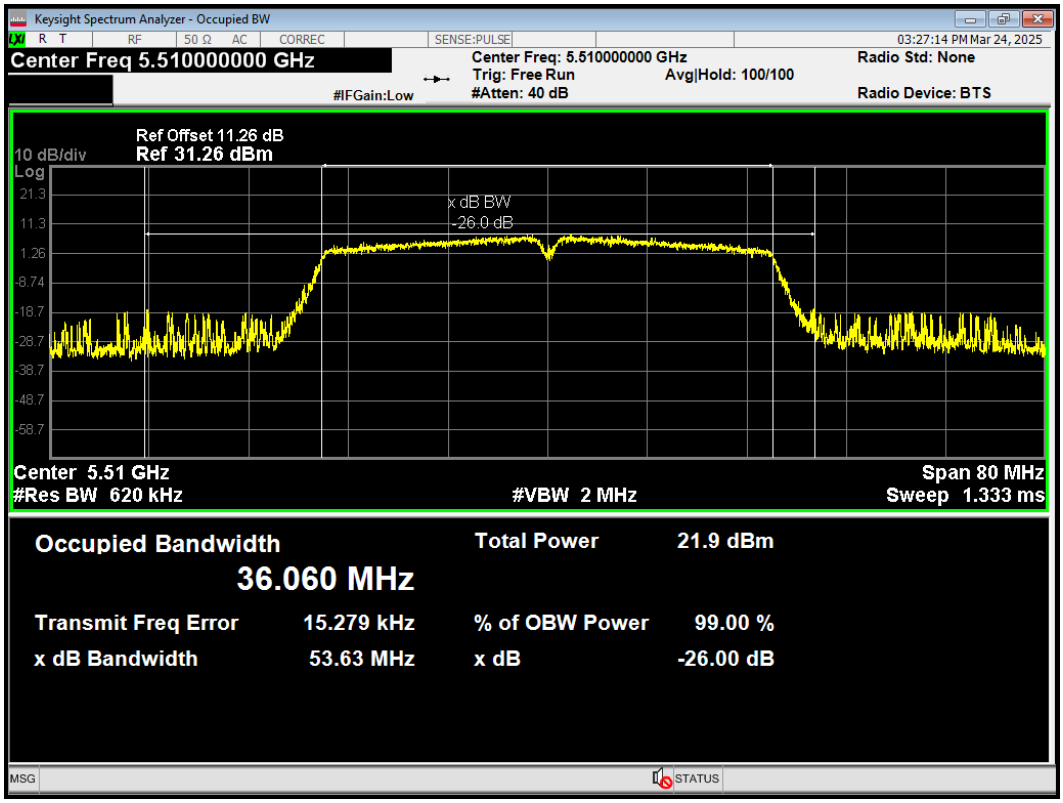
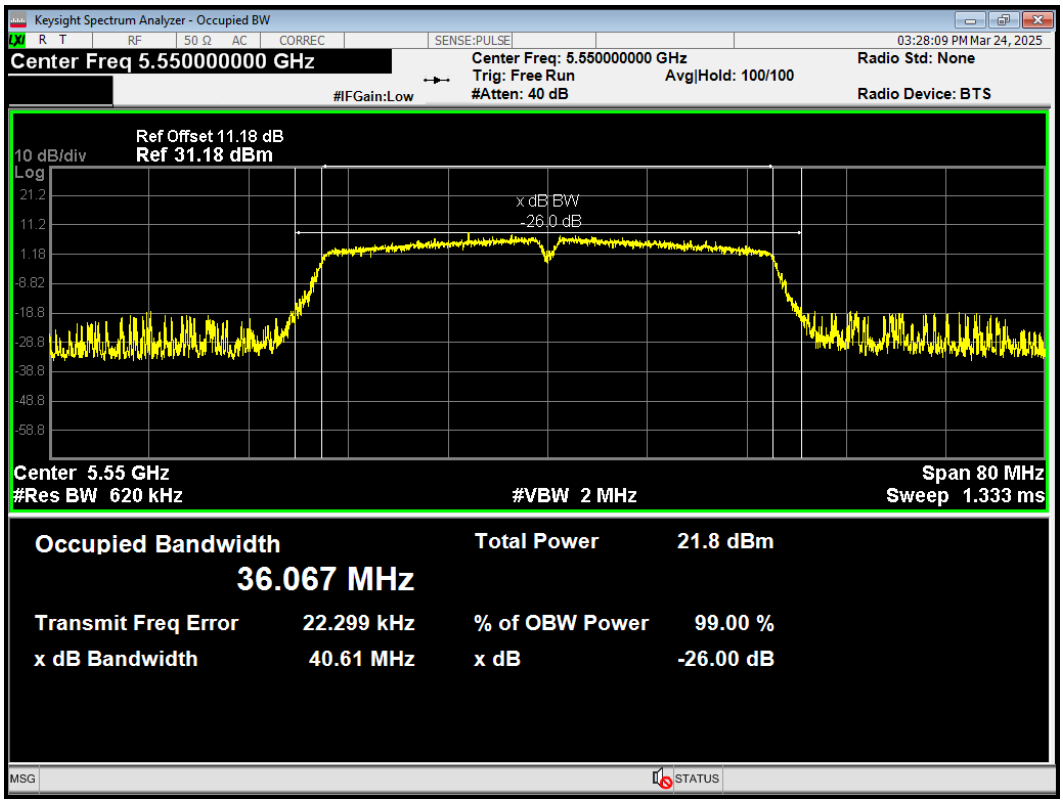
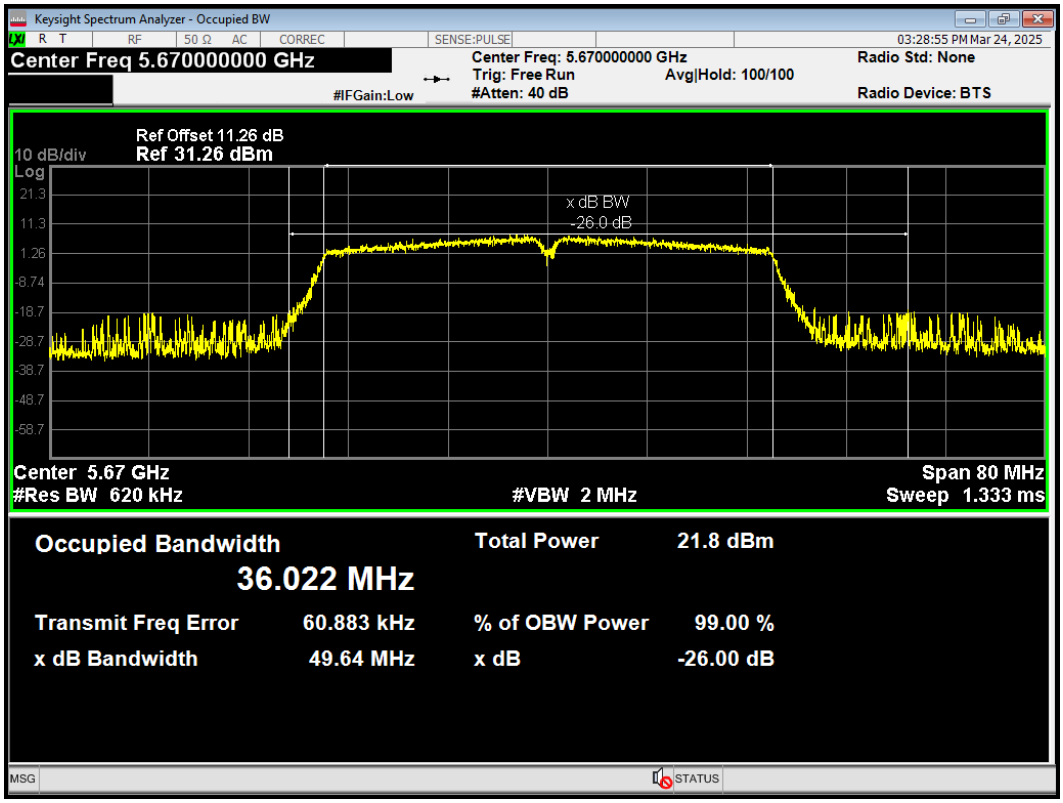


OBW 802.11n(HT40) 5550MHz

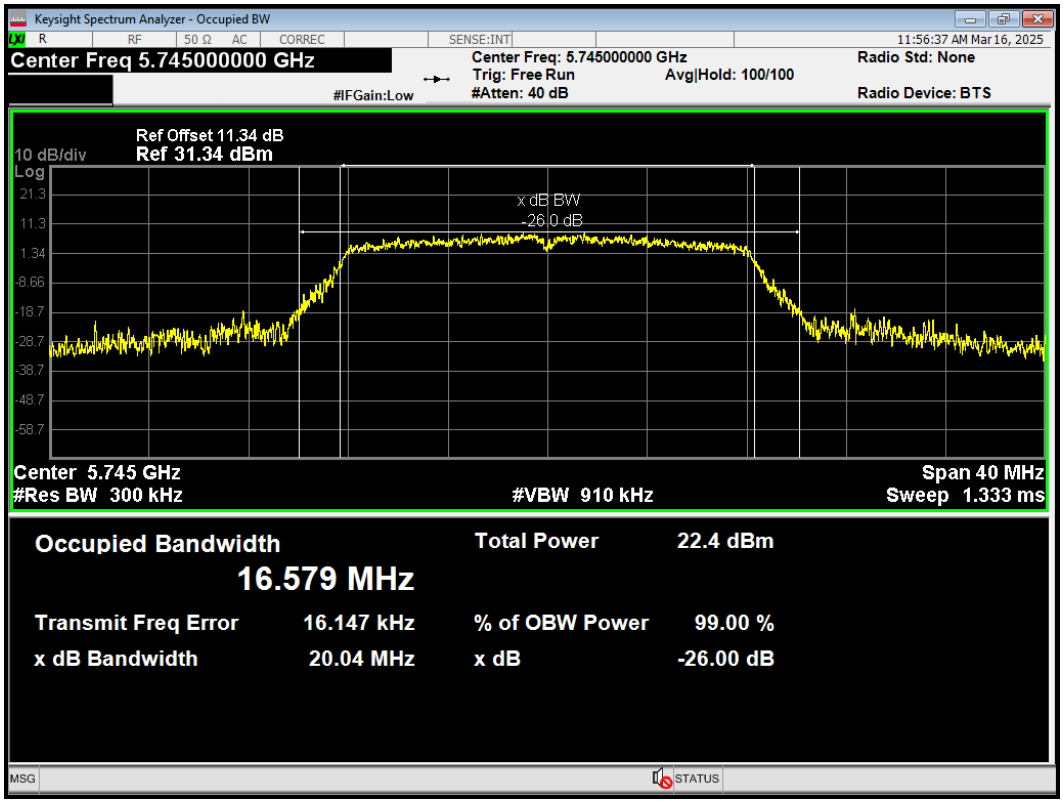


OBW 802.11n(HT40) 5670MHz

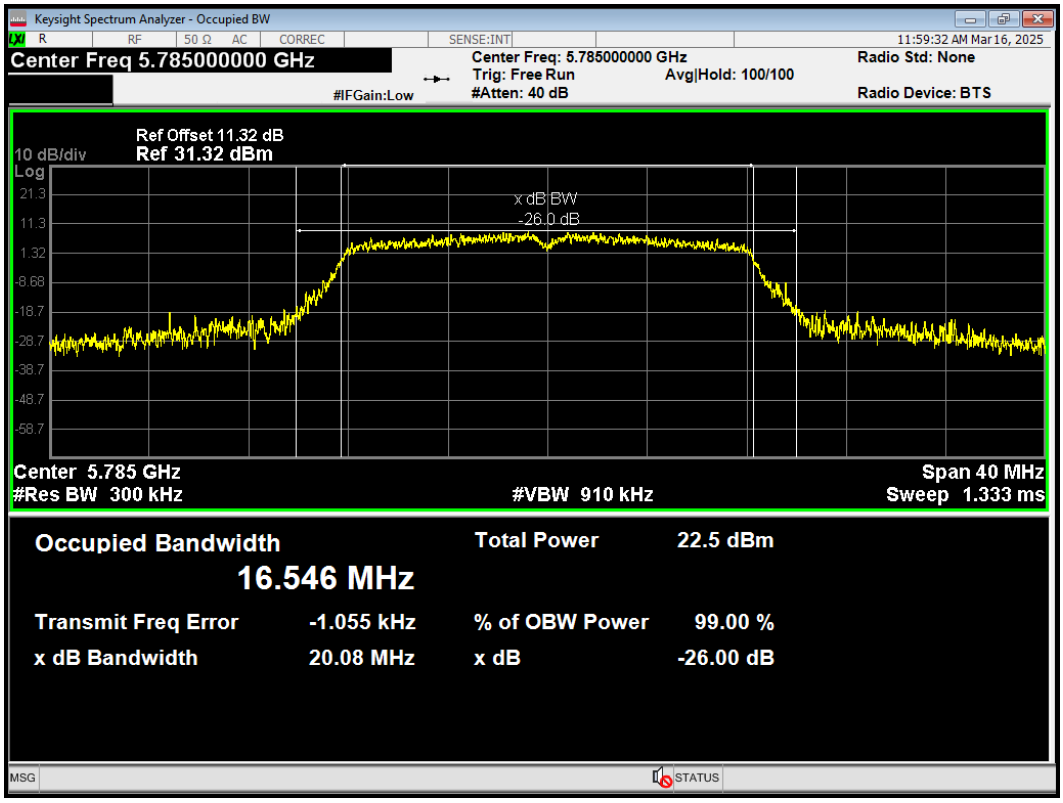


U-NII-3

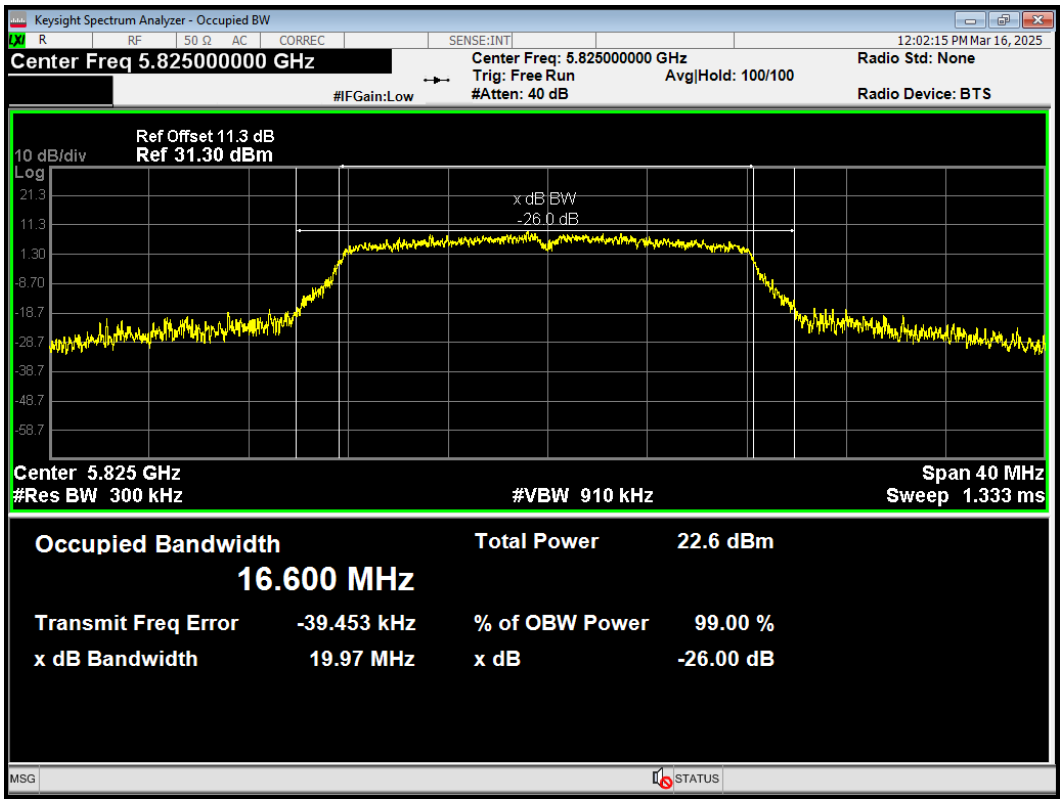
OBW 802.11a 5745MHz



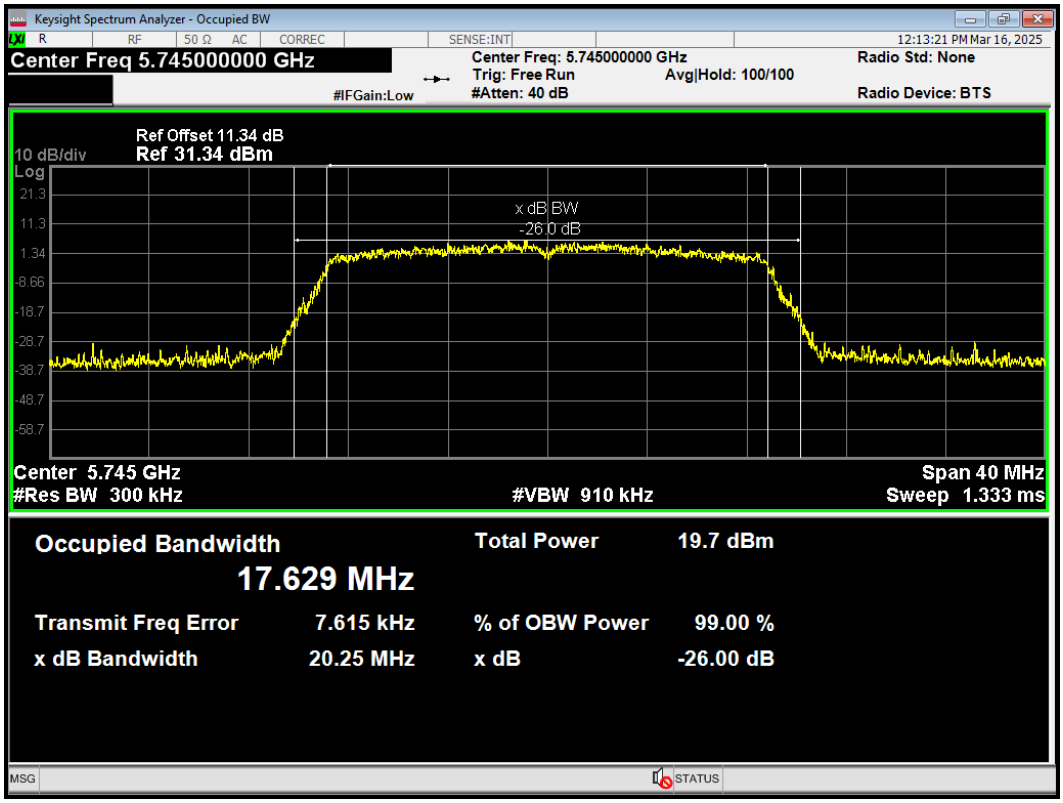
OBW 802.11a 5785MHz



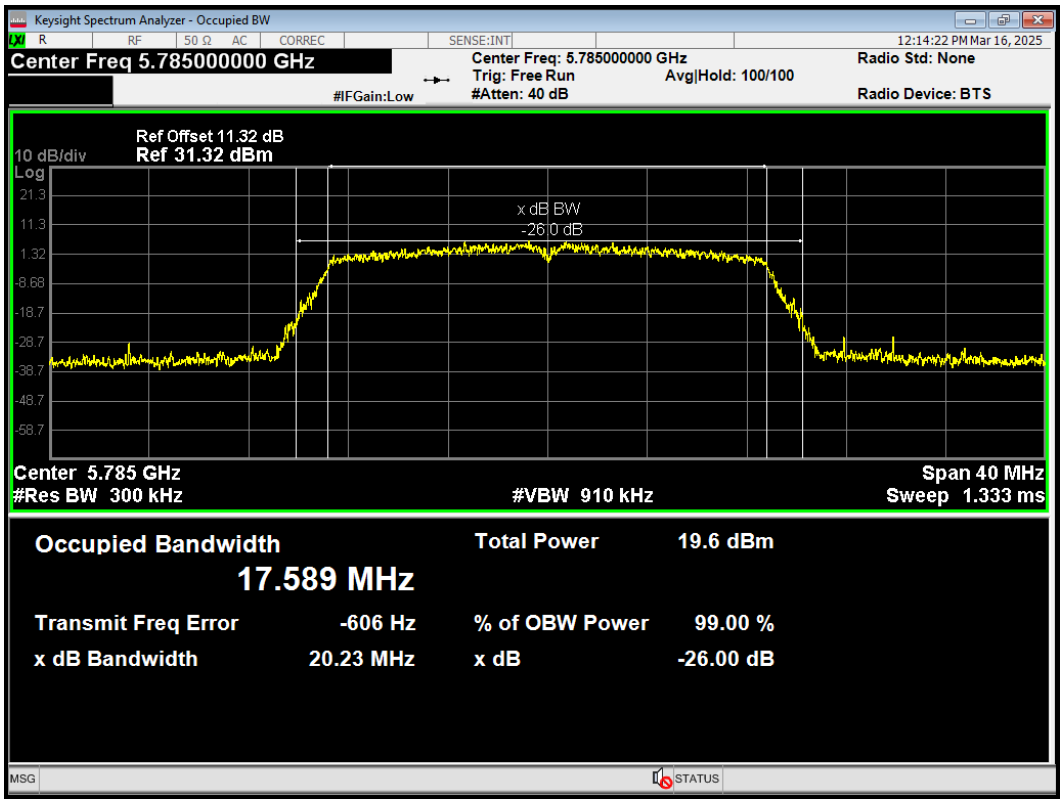
OBW 802.11a 5825MHz



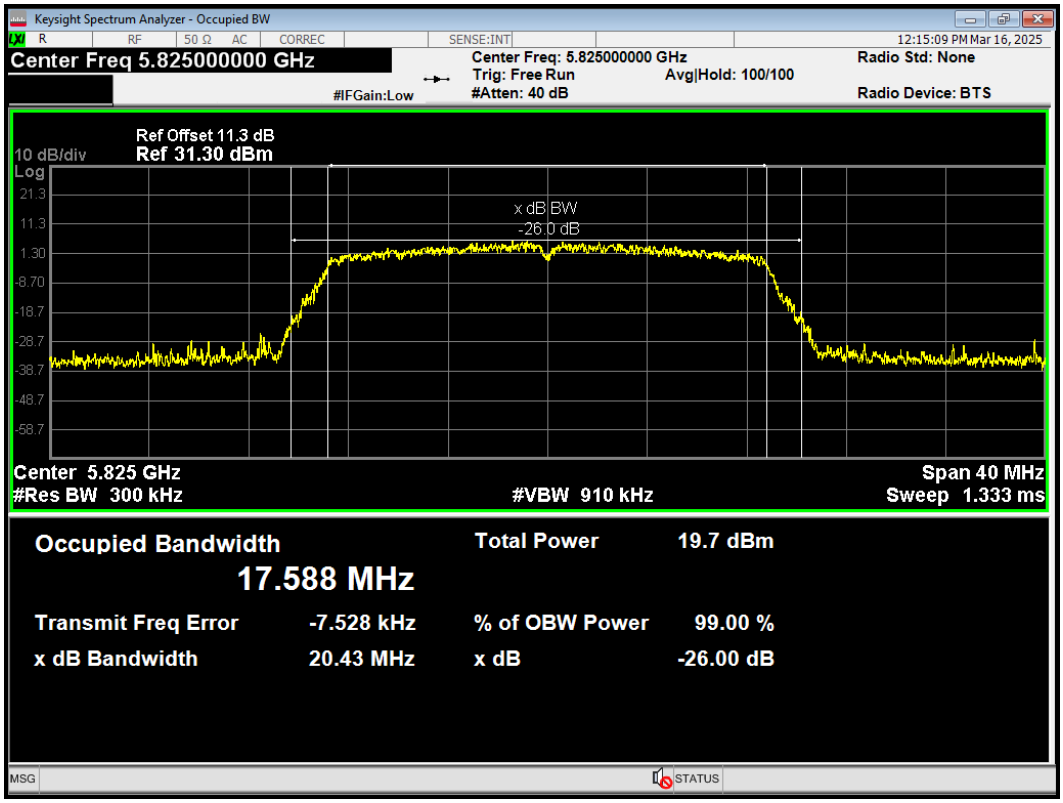
OBW 802.11ac(VHT20) 5745MHz



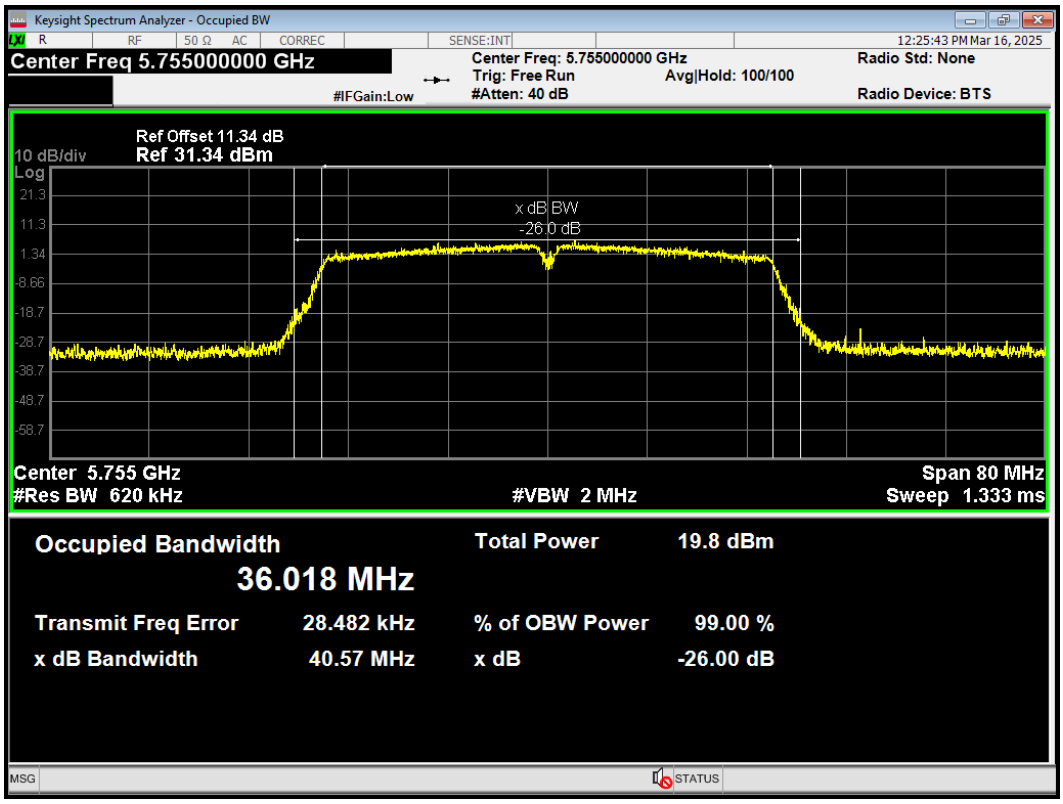
OBW 802.11ac(VHT20) 5785MHz



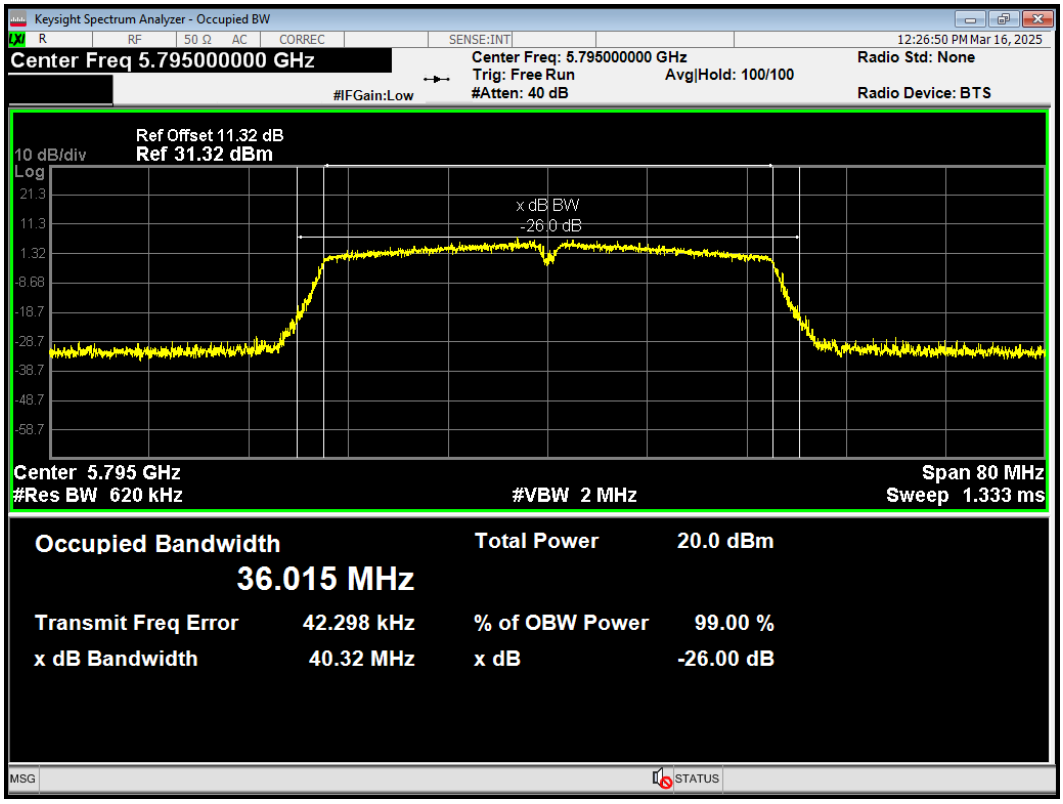
OBW 802.11ac(VHT20) 5825MHz



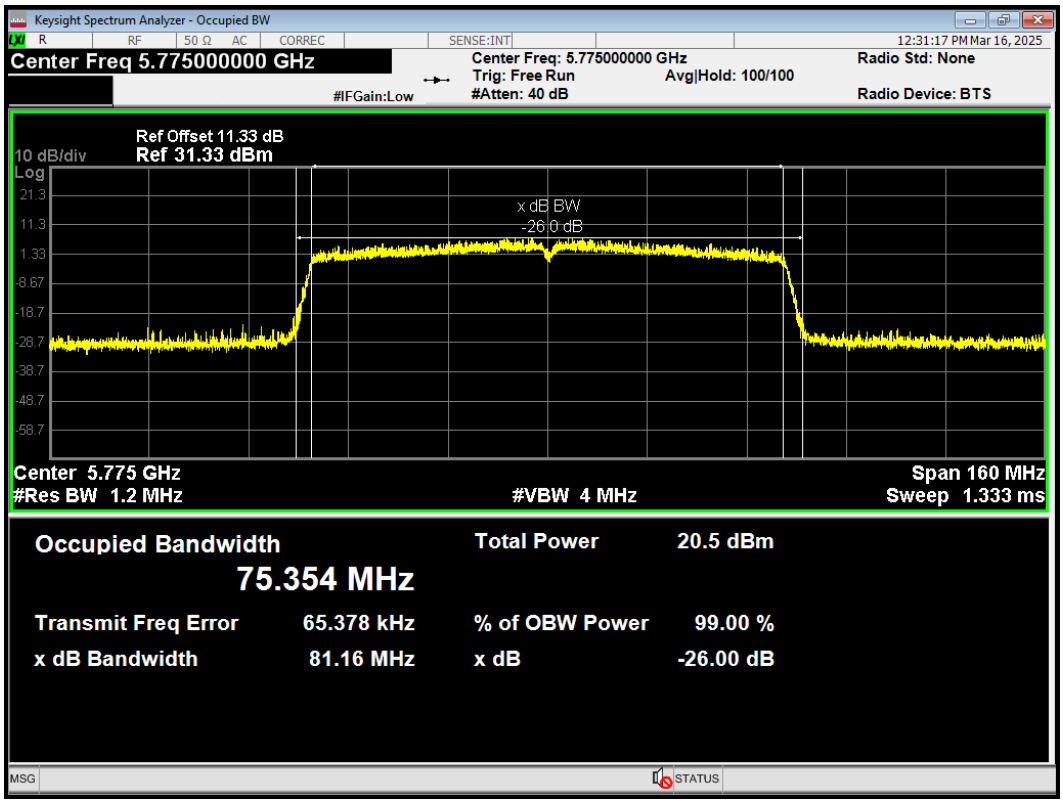
OBW 802.11ac(VHT40) 5755MHz



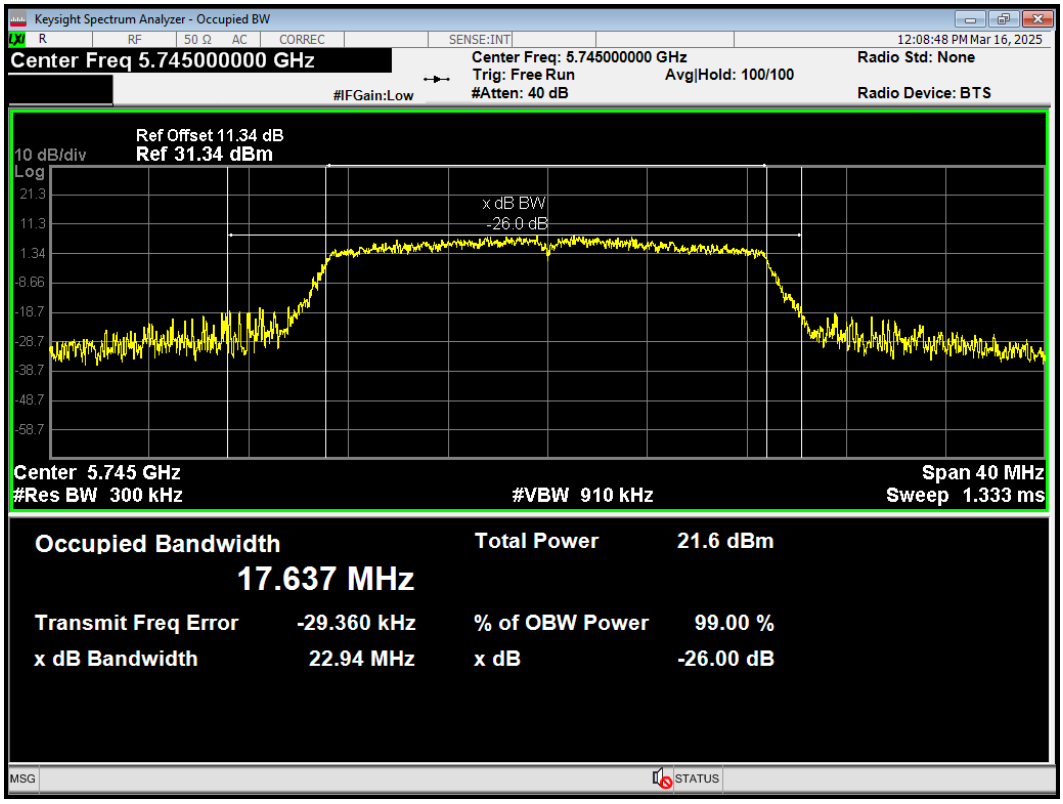
OBW 802.11ac(VHT40) 5795MHz



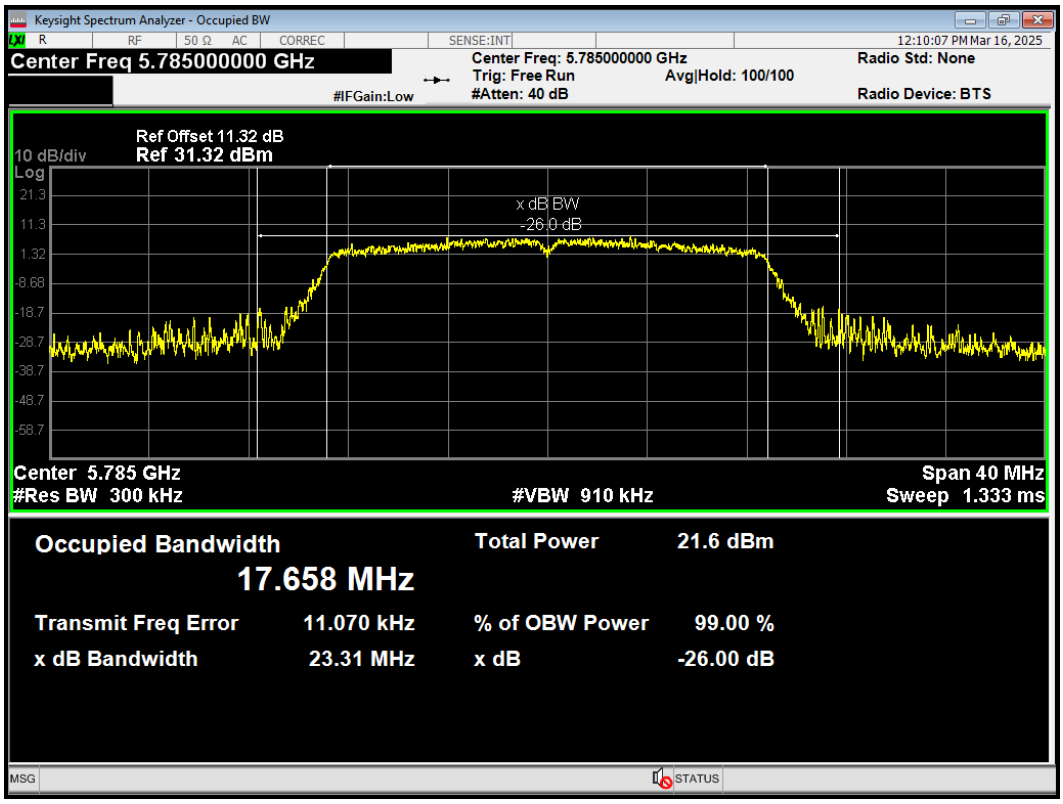
OBW 802.11ac(VHT80) 5775MHz



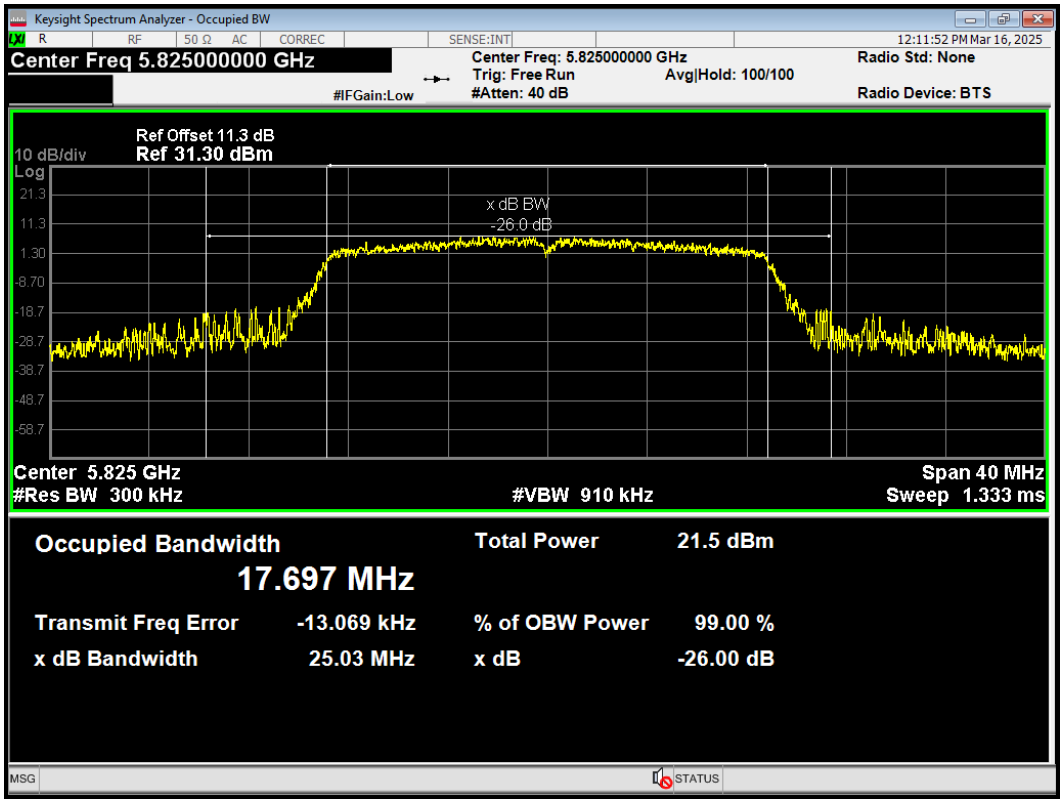
OBW 802.11n(HT20) 5745MHz



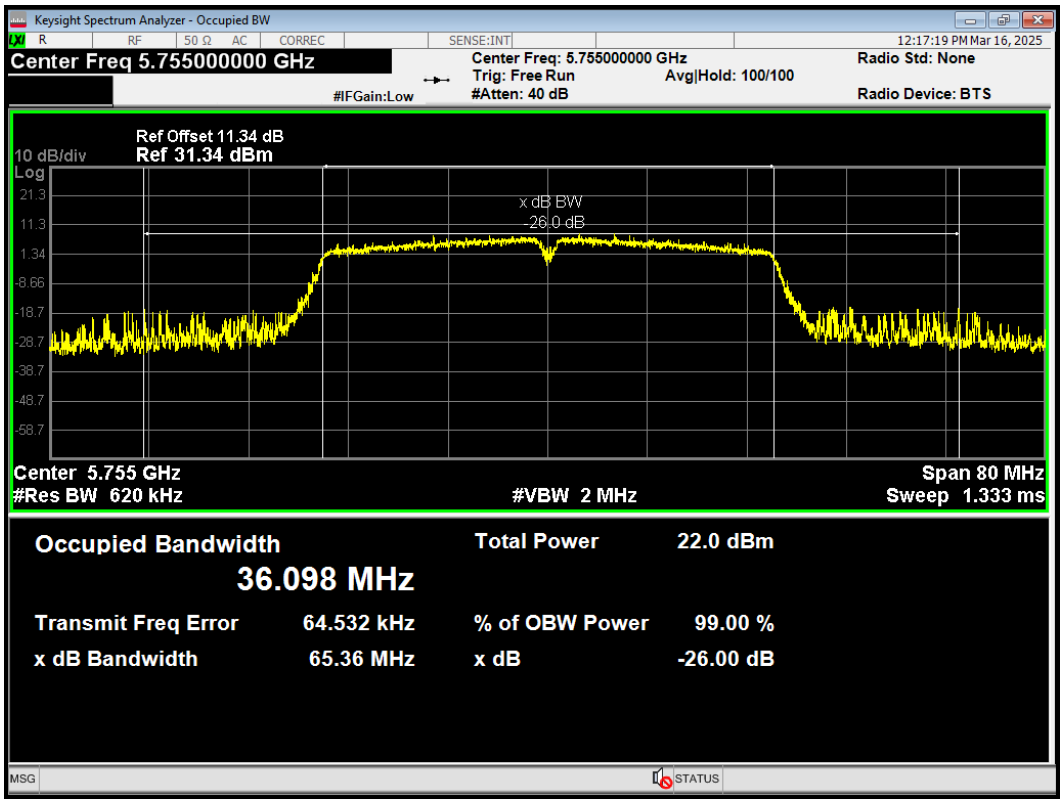
OBW 802.11n(HT20) 5785MHz



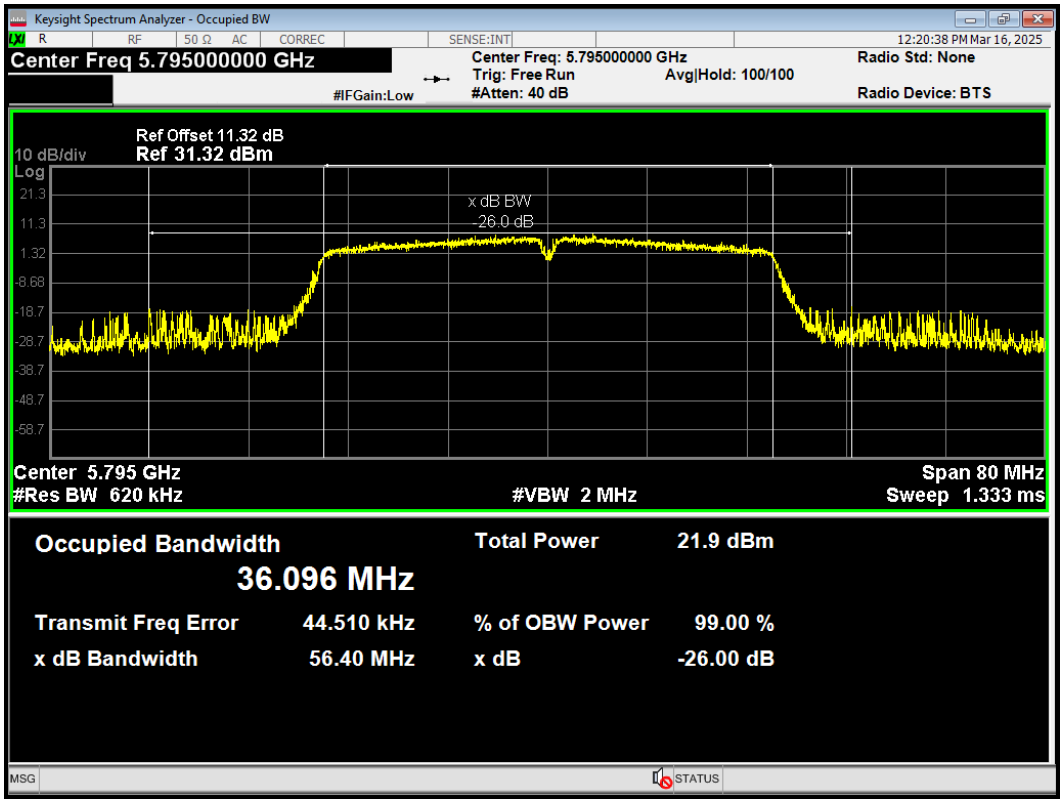
OBW 802.11n(HT20) 5825MHz



OBW 802.11n(HT40) 5755MHz



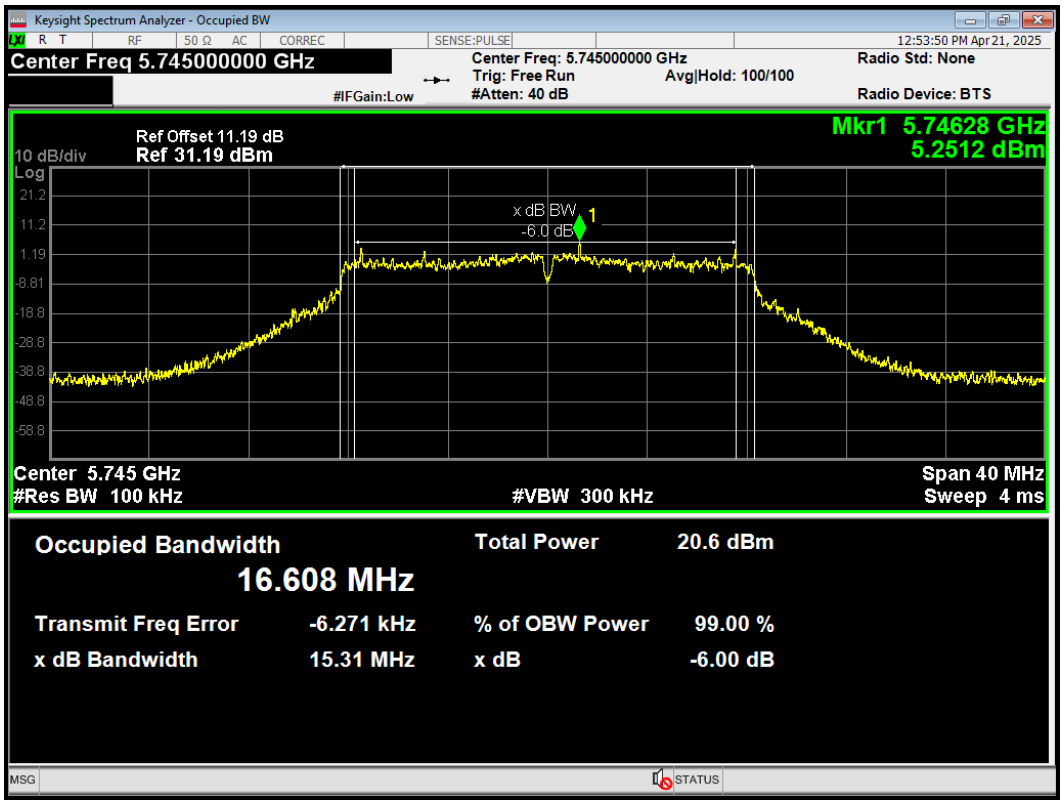
OBW 802.11n(HT40) 5795MHz



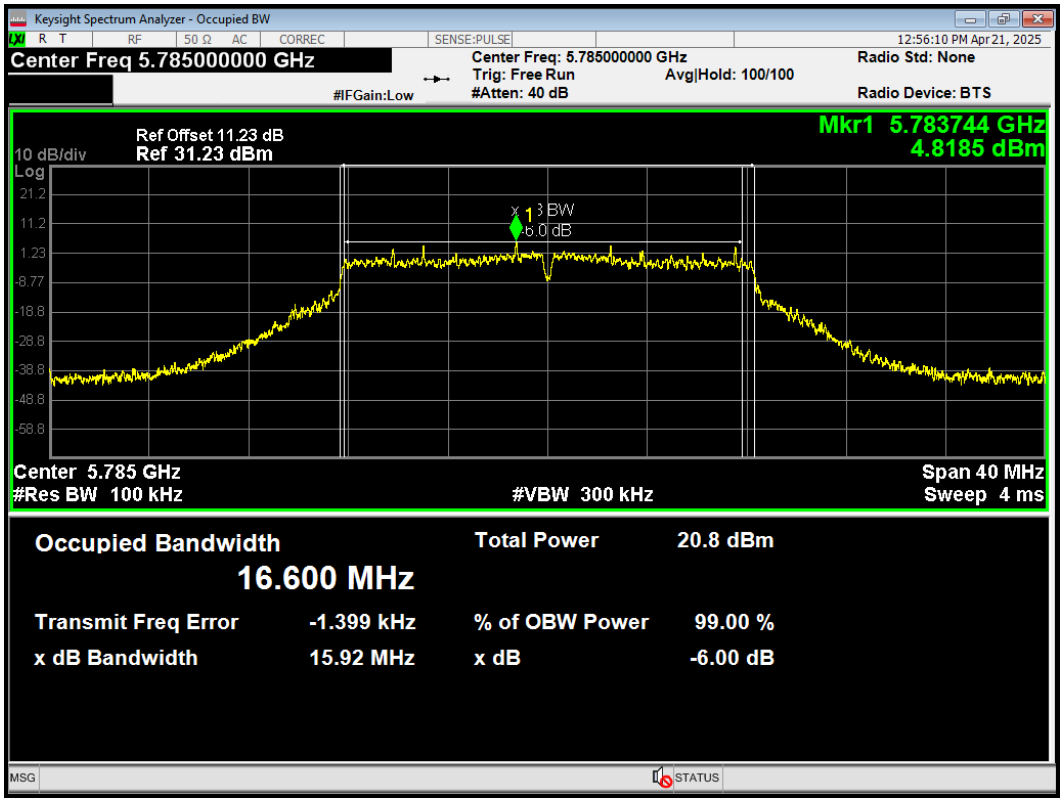
Minimum 6 dB bandwidth

U-NII-3

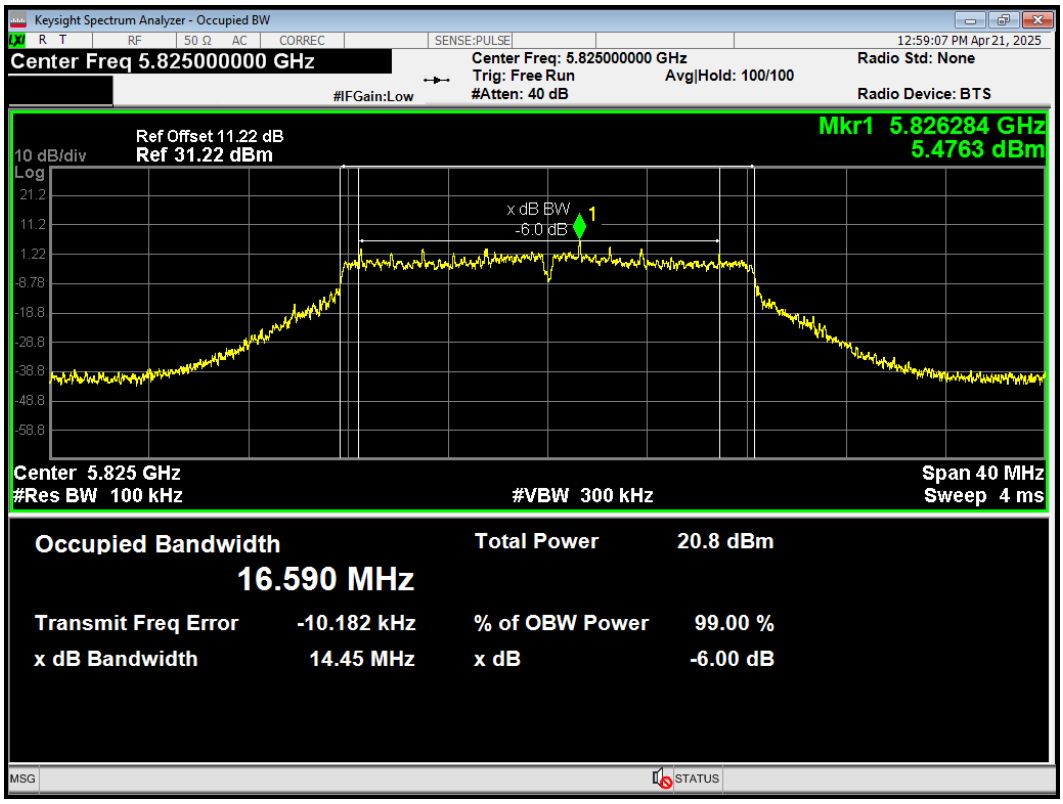
-6dB Bandwidth 802.11a 5745MHz



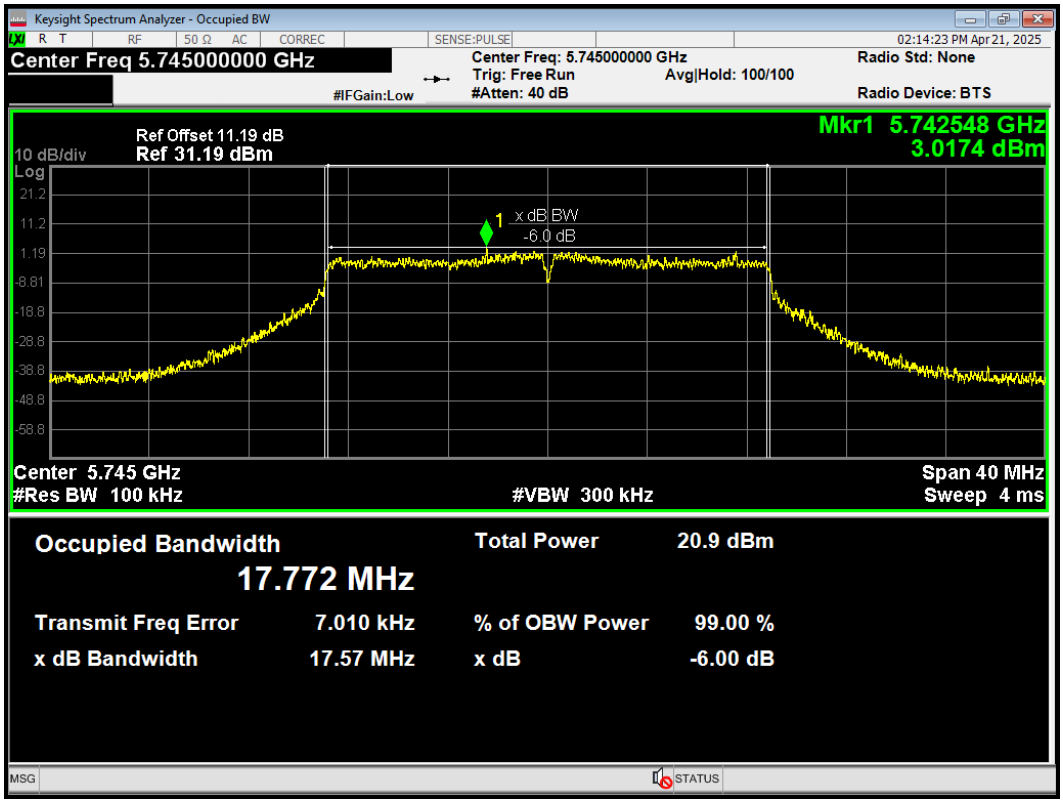
-6dB Bandwidth 802.11a 5785MHz



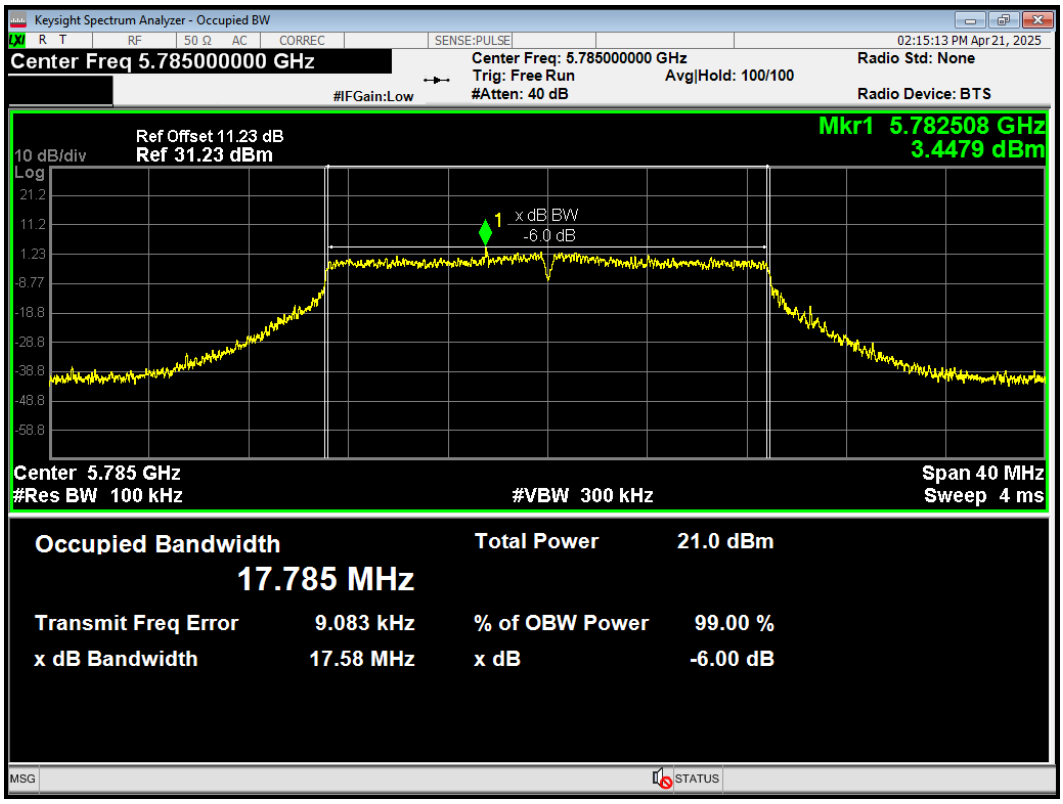
-6dB Bandwidth 802.11a 5825MHz



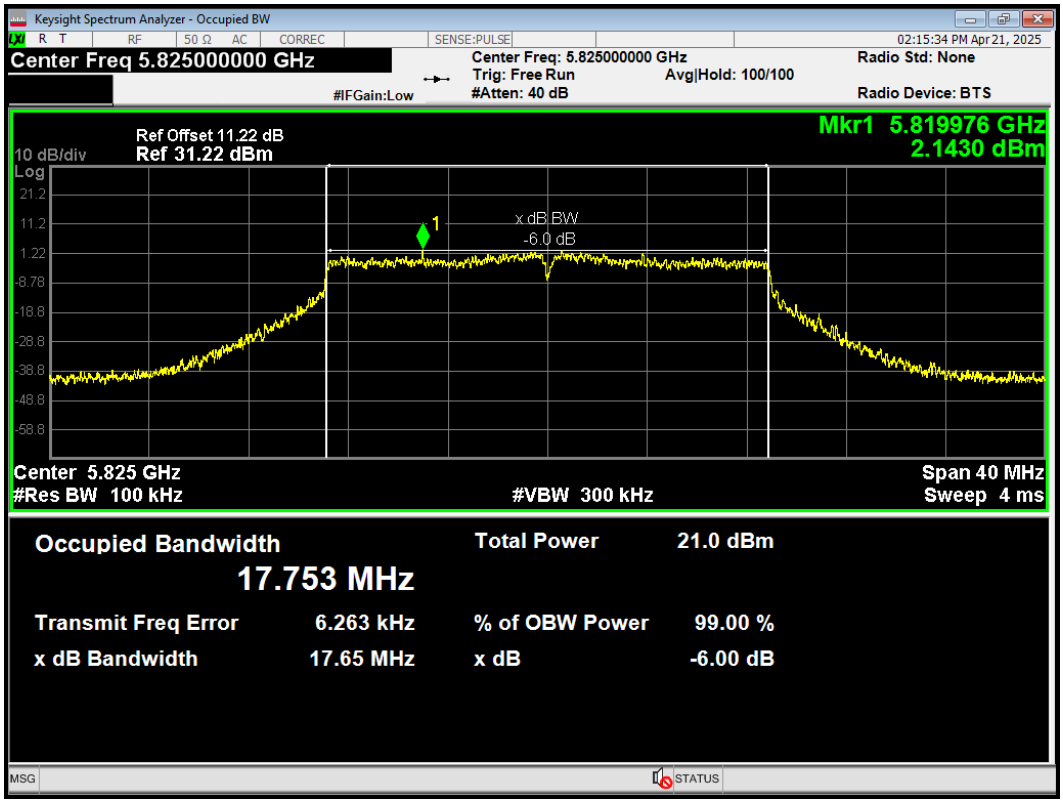
-6dB Bandwidth 802.11ac(VHT20) 5745MHz



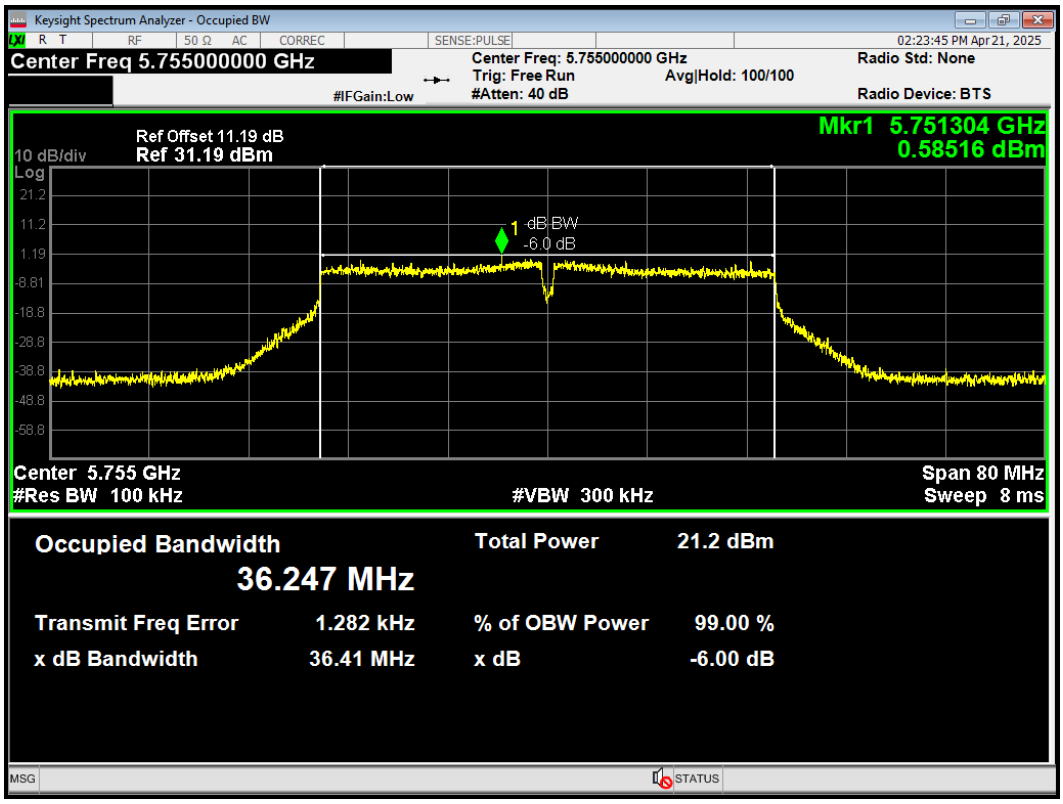
-6dB Bandwidth 802.11ac(VHT20) 5785MHz



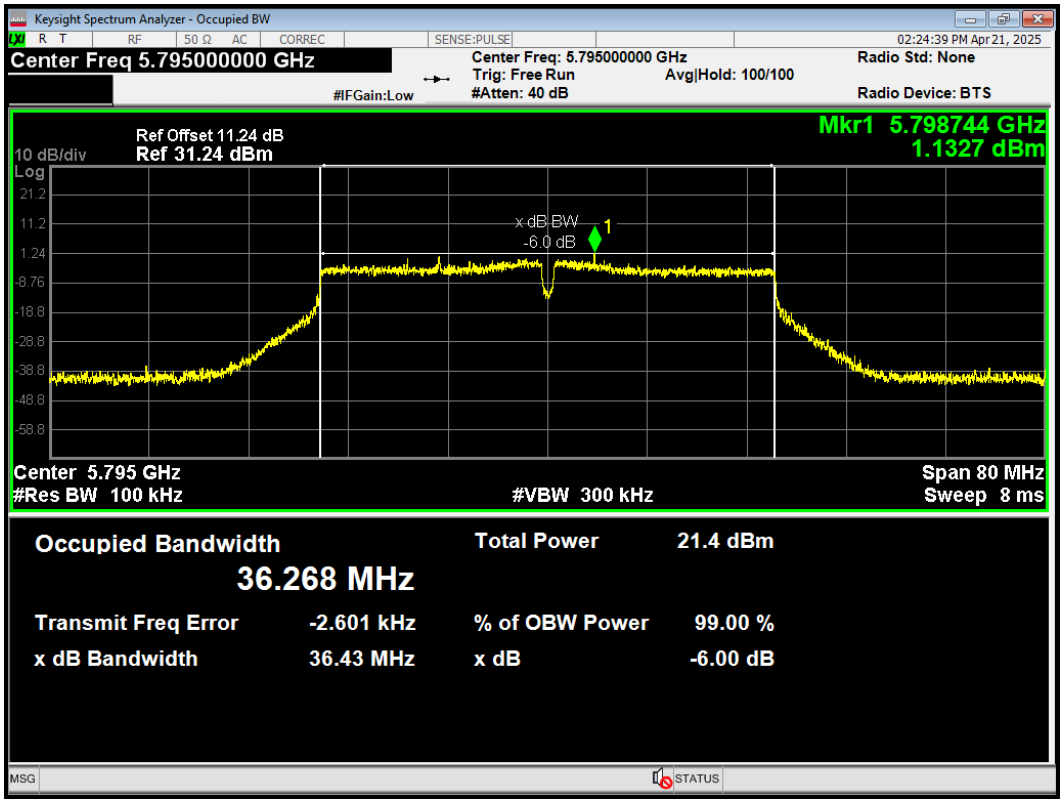
-6dB Bandwidth 802.11ac(VHT20) 5825MHz



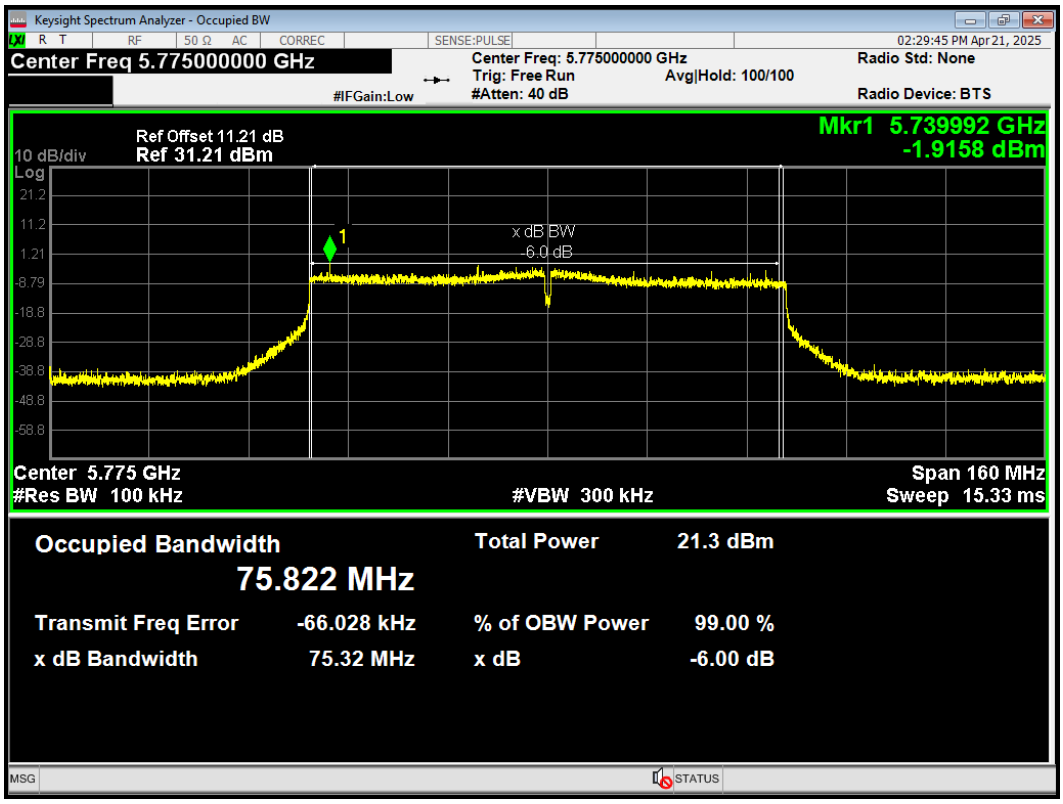
-6dB Bandwidth 802.11ac(VHT40) 5755MHz



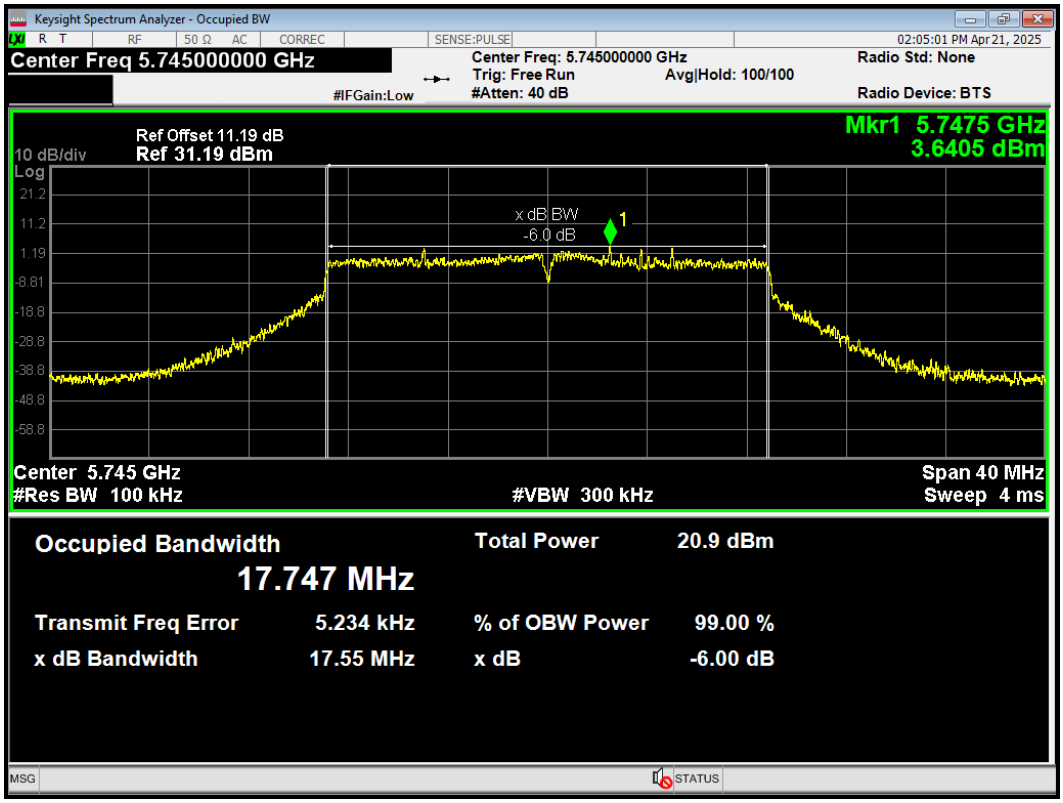
-6dB Bandwidth 802.11ac(VHT40) 5795MHz



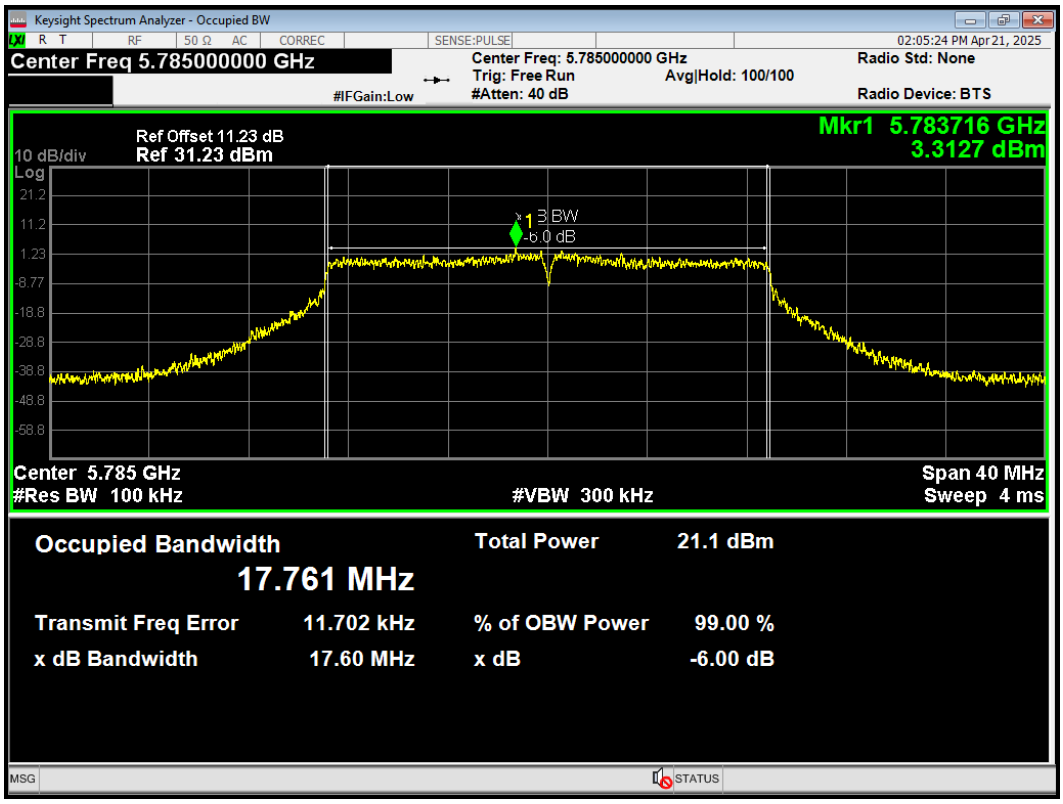
-6dB Bandwidth 802.11ac(VHT80) 5775MHz



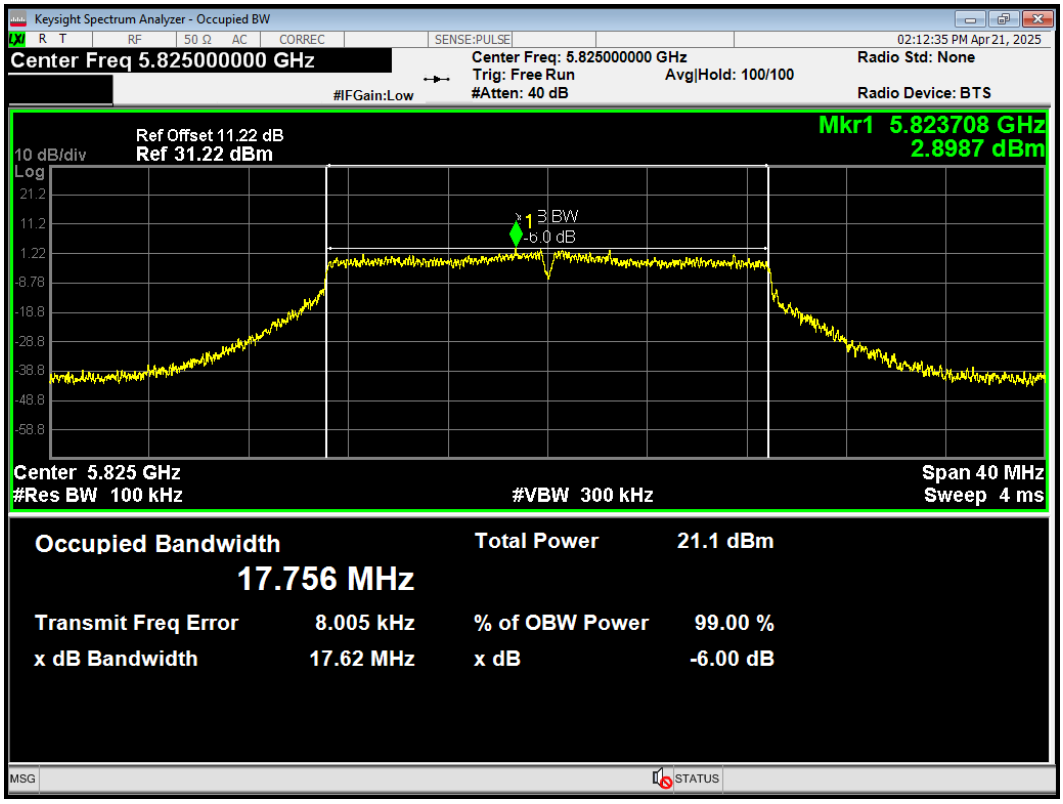
-6dB Bandwidth 802.11n(HT20) 5745MHz



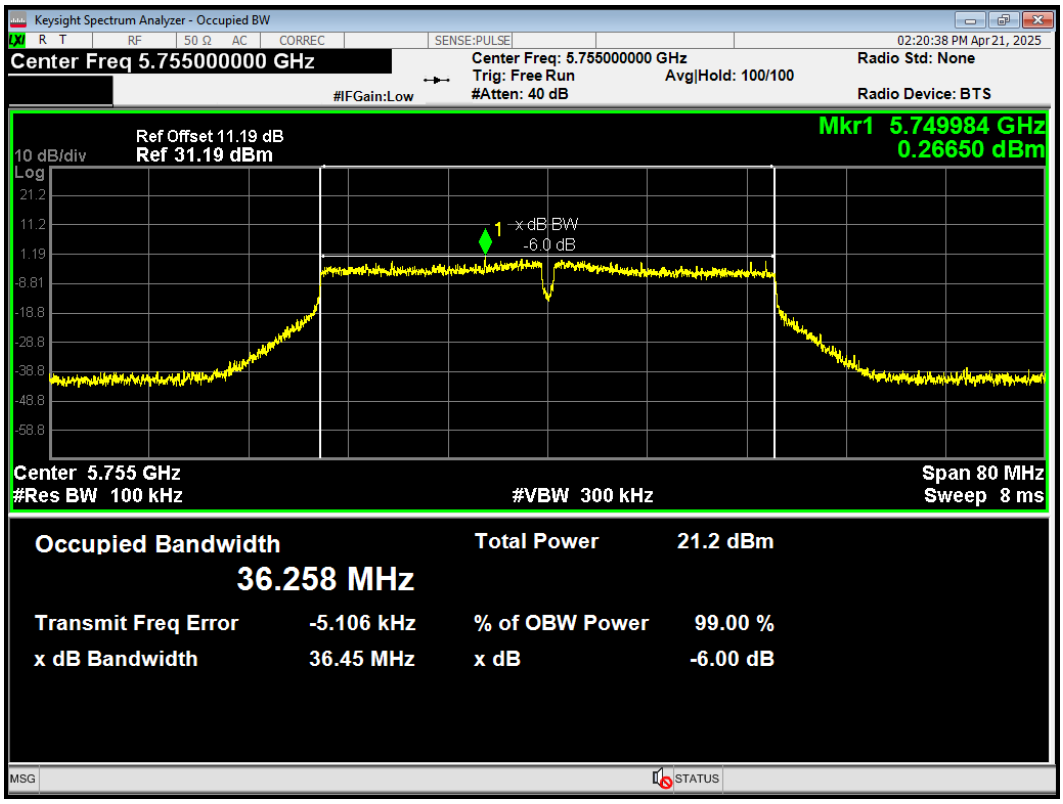
-6dB Bandwidth 802.11n(HT20) 5785MHz



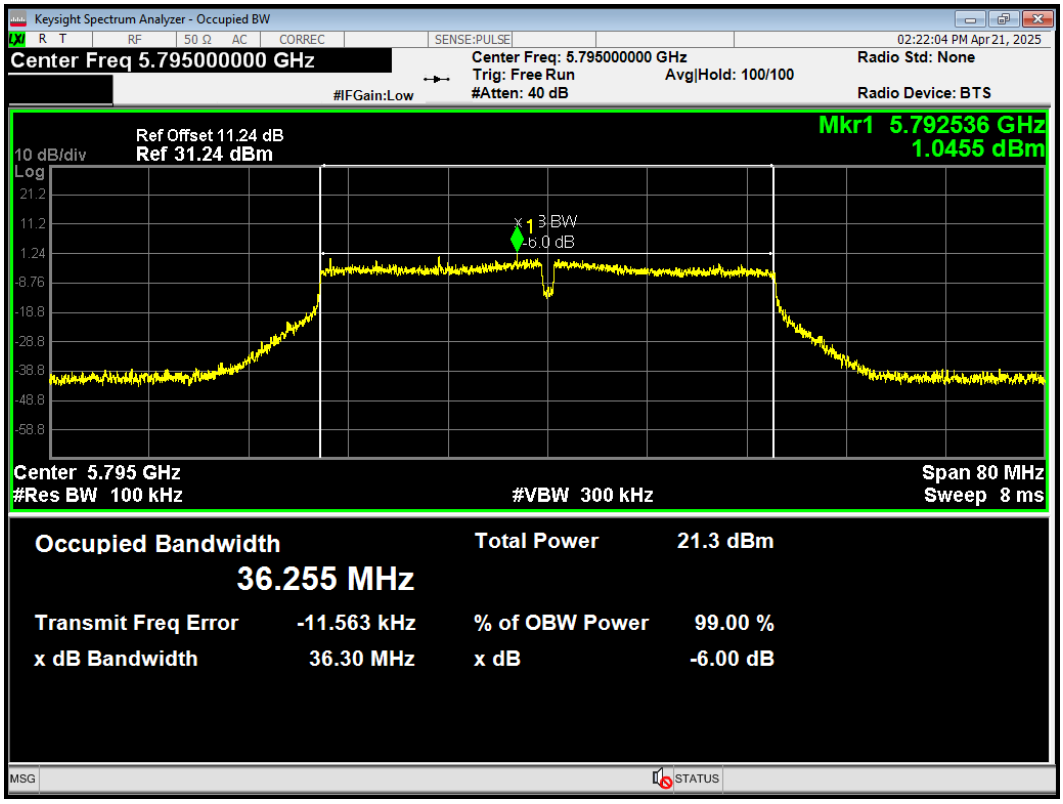
-6dB Bandwidth 802.11n(HT20) 5825MHz



-6dB Bandwidth 802.11n(HT40) 5755MHz



-6dB Bandwidth 802.11n(HT40) 5795MHz



5.2. Average Power Output

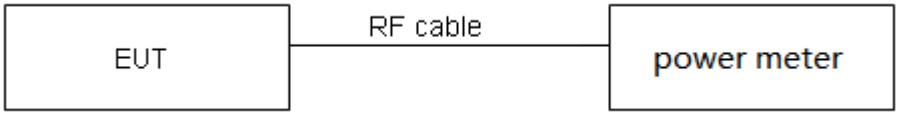
Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Methods of Measurement

During the process of the testing, The EUT was connected to the average power meter through an external attenuator and a known loss cable. The EUT is max power transmission with proper modulation. We use Maximum average Conducted Output Power Level Method in KDB789033 for this test

Test Setup



Limits

Rule FCC Part 15.407(a)(1) / FCC Part 15.407(a) (2) / FCC Part 15.407(a) (3)
(1) For the band 5.15-5.25 GHz.
(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude

the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
(iv) For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
(3)For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

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

Mode	Duty cycle	Duty cycle correction Factor (dB)
802.11a	0.97	0.14
802.11n HT20	0.97	0.14
802.11n HT40	0.94	0.28
802.11ac VHT20	0.97	0.15
802.11ac VHT40	0.94	0.28
802.11ac VHT80	0.88	0.55
Note: when Duty cycle≥0.98, Duty cycle correction Factor not required.		

Power Index								
Channel	802.11a	802.11n HT20	802.11ac VHT20	Channel	802.11n HT40	802.11ac VHT40	Channel	802.11ac VHT80
CH36	17	16	14	CH38	16	14	CH42	14
CH40	17	16	14	CH46	16	14	/	/
CH48	17	16	14	/	/	/	/	/
CH52	17.5	16.5	14.5	CH54	16.5	14.5	CH58	14.5
CH60	17.5	16.5	14.5	CH62	16.5	14.5	/	/
CH64	17	16.5	14.5	/	/	/	/	/
CH100	17.5	16.5	14.5	CH102	16.5	14.5	CH106	14
CH116	17.5	16.5	14.5	CH110	16.5	14.5	/	/
CH140	17	16	14	CH134	16	14	/	/
CH149	17	16.5	14.5	CH151	16.5	14.5	CH155	14.5
CH157	17.5	16.5	14.5	CH159	16.5	14.5	/	/
CH165	17	16.5	14.5	/	/	/	/	/

Test Mode		Channel/ Frequency (MHz)	B=26 dB bandwidth (MHz)	Limit 11 dBm + 10 log B (dBm)	Final Limit (dBm)
U-NII-2A	802.11a	52/5260	19.79	23.97	23.97
		60/5300	19.87	23.98	23.98
		64/5320	19.95	24.00	24.00
	802.11n HT20	52/5260	20.62	24.14	24.00
		60/5300	20.89	24.20	24.00
		64/5320	20.48	24.11	24.00
	802.11n HT40	54/5270	40.54	27.08	24.00
		62/5310	52.63	28.21	24.00
	802.11ac VHT20	52/5260	20.42	24.10	24.00
		60/5300	20.31	24.08	24.00
		64/5320	20.33	24.08	24.00
	802.11ac VHT40	54/5270	40.59	27.08	24.00
		62/5310	40.88	27.12	24.00
	802.11ac VHT80	58/5290	81.20	30.10	24.00
U-NII-2C	802.11a	100/5500	23.69	24.75	24.00
		116/5580	21.02	24.23	24.00
		140/5700	20.18	24.05	24.00
	802.11n HT20	100/5500	23.36	24.68	24.00
		116/5580	20.17	24.05	24.00
		140/5700	21.80	24.39	24.00
	802.11n HT40	102/5510	53.63	28.29	24.00
		110/5550	40.61	27.09	24.00
		134/5670	49.64	27.96	24.00
	802.11ac VHT20	100/5500	20.25	24.06	24.00
		116/5580	20.35	24.09	24.00
		140/5700	20.41	24.10	24.00
	802.11ac VHT40	102/5510	40.94	27.12	24.00
		110/5550	40.29	27.05	24.00
		134/5670	40.74	27.10	24.00
	802.11ac VHT80	106/5530	81.21	30.10	24.00
Note: 250mW=24dBm					

U-NII-1

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Limit (dBm)	Conclusion
802.11a	36/5180	16.91	17.05	24	PASS
	40/5200	16.98	17.12	24	PASS
	48/5240	16.95	17.09	24	PASS
802.11n HT20	36/5180	15.80	15.94	24	PASS
	40/5200	15.89	16.03	24	PASS
	48/5240	15.82	15.96	24	PASS
802.11n HT40	38/5190	15.71	15.99	24	PASS
	46/5230	15.86	16.14	24	PASS
802.11ac VHT20	36/5180	13.68	13.83	24	PASS
	40/5200	13.68	13.83	24	PASS
	48/5240	13.64	13.79	24	PASS
802.11ac VHT40	38/5190	13.53	13.81	24	PASS
	46/5230	13.68	13.96	24	PASS
802.11ac VHT80	42/5210	13.44	13.99	24	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor					

U-NII-2A

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Limit (dBm)	Conclusion
802.11a	52/5260	16.70	16.84	23.97	PASS
	60/5300	17.03	17.17	23.98	PASS
	64/5320	16.75	16.89	24.00	PASS
802.11n HT20	52/5260	15.85	15.99	24.00	PASS
	60/5300	15.89	16.03	24.00	PASS
	64/5320	15.93	16.07	24.00	PASS
802.11n HT40	54/5270	15.66	15.94	24.00	PASS
	62/5310	15.88	16.16	24.00	PASS
802.11ac VHT20	52/5260	13.78	13.93	24.00	PASS
	60/5300	13.75	13.90	24.00	PASS
	64/5320	13.92	14.07	24.00	PASS
802.11ac VHT40	54/5270	13.52	13.80	24.00	PASS
	62/5310	13.75	14.03	24.00	PASS
802.11ac VHT80	58/5290	13.44	13.99	24.00	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor					

U-NII-2C

Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Limit (dBm)	Conclusion
802.11a	100/5500	16.86	17.00	24.00	PASS
	116/5580	16.89	17.03	24.00	PASS
	140/5700	16.94	17.08	24.00	PASS
802.11n HT20	100/5500	15.65	15.79	24.00	PASS
	116/5580	15.84	15.98	24.00	PASS
	140/5700	15.70	15.84	24.00	PASS
802.11n HT40	102/5510	15.60	15.88	24.00	PASS
	110/5550	15.46	15.74	24.00	PASS
	134/5670	15.63	15.91	24.00	PASS
802.11ac VHT20	100/5500	13.53	13.68	24.00	PASS
	116/5580	13.81	13.96	24.00	PASS
	140/5700	13.67	13.82	24.00	PASS
802.11ac VHT40	102/5510	13.48	13.76	24.00	PASS
	110/5550	13.52	13.80	24.00	PASS
	134/5670	13.39	13.67	24.00	PASS
802.11ac VHT80	106/5530	13.42	13.97	24.00	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor					

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Test Mode	Channel/ Frequency (MHz)	Average Power Measured (dBm)	Average Power with duty factor (dBm)	Limit (dBm)	Conclusion
802.11a	149/5745	16.64	16.78	30	PASS
	157/5785	16.66	16.80	30	PASS
	165/5825	16.92	17.06	30	PASS
802.11n HT20	149/5745	15.89	16.03	30	PASS
	157/5785	16.01	16.15	30	PASS
	165/5825	15.79	15.93	30	PASS
802.11n HT40	151/5755	15.85	16.13	30	PASS
	159/5795	15.79	16.07	30	PASS
802.11ac VHT20	149/5745	13.91	14.06	30	PASS
	157/5785	13.87	14.02	30	PASS
	165/5825	13.84	13.99	30	PASS
802.11ac VHT40	151/5755	13.66	13.94	30	PASS
	159/5795	13.74	14.02	30	PASS
802.11ac VHT80	155/5775	13.44	13.99	30	PASS
Note: Average Power with duty factor = Average Power Measured +Duty cycle correction factor					

5.3. Frequency Stability

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

Method of Measurement

1. Frequency stability with respect to ambient temperature

a) Supply the EUT with a nominal ac voltage or install a new or fully charged battery in the EUT. If possible, a dummy load shall be connected to the EUT because an antenna near the metallic walls of an environmental test chamber could affect the output frequency of the EUT. If the EUT is equipped with a permanently attached, adjustable-length antenna, then the EUT shall be placed in the center of the chamber with the antenna adjusted to the shortest length possible. Turn ON the EUT and tune it to one of the number of frequencies shown in 5.6.

b) Couple the unlicensed wireless device output to the measuring instrument by connecting an antenna to the measuring instrument with a suitable length of coaxial cable and placing the measuring antenna near the EUT (e.g., 15 cm away), or by connecting a dummy load to the measuring instrument, through an attenuator if necessary.

c) Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).

d) Turn the EUT OFF and place it inside the environmental temperature chamber. For devices that have oscillator heaters, energize only the heater circuit.

e) Set the temperature control on the chamber to the highest specified in the regulatory requirements for the type of device and allow the oscillator heater and the chamber temperature to stabilize.

f) While maintaining a constant temperature inside the environmental chamber, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized. Four measurements in total are made.

g) Measure the frequency at each of frequencies specified in 5.6.

h) Switch OFF the EUT but do not switch OFF the oscillator heater.

i) Lower the chamber temperature by not more that 10°C, and allow the temperature inside the chamber to stabilize.

j) Repeat step f) through step i) down to the lowest specified temperature.

2. Frequency stability when varying supply voltage

Unless otherwise specified, these tests shall be made at ambient room temperature (+15°C to +25 °C). An antenna shall be connected to the antenna output terminals of the EUT if possible. If the EUT is equipped with or uses an adjustable-length antenna, then it shall be fully extended.

a) Supply the EUT with nominal voltage or install a new or fully charged battery in the EUT. Turn ON the EUT and couple its output to a frequency counter or other frequency-measuring instrument.

b) Tune the EUT to one of the number of frequencies required in 5.6. Adjust the location of the measurement antenna and the controls on the measurement instrument to obtain a suitable signal level (i.e., a level that will not overload the measurement instrument but is strong enough to allow measurement of the operating or fundamental frequency of the EUT).
c) Measure the frequency at each of the frequencies specified in 5.6.
d) Repeat the above procedure at 85% and 115% of the nominal supply voltage.

Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.

Measurement Uncertainty

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

Test Results

Voltage (V)	Temperature (°C)	U-NII-1 Test Results			
		5200MHz			
		1min	2min	5min	10min
3.8	-30	5199.994818	5199.988117	5199.978840	5199.975051
3.8	-20	5199.996448	5199.984739	5199.972254	5199.969059
3.8	-10	5199.996469	5199.984677	5199.965492	5199.960942
3.8	0	5199.995314	5199.983214	5199.970454	5199.961482
3.8	10	5199.986678	5199.975954	5199.966143	5199.958547
3.8	20	5199.984430	5199.969133	5199.960345	5199.954195
3.8	30	5199.975080	5199.968594	5199.950787	5199.946304
3.8	40	5199.968645	5199.963044	5199.942440	5199.944520
3.8	50	5199.965930	5199.961350	5199.941347	5199.940419
3.45	20	5199.960167	5199.961151	5199.933470	5199.937137
4.35	20	5199.955630	5199.958793	5199.933392	5199.927332
Max. ΔMHz		-0.044370	-0.041207	-0.066608	-0.072668
PPM		-8.532692	-7.924423	-12.809231	-13.974615

Voltage (V)	Temperature (°C)	U-NII-2A Test Results			
		5300MHz			
		1min	2min	5min	10min
3.8	-30	5300.003564	5300.002583	5299.993797	5299.986800
3.8	-20	5299.998123	5299.997291	5299.992935	5299.977237
3.8	-10	5299.991763	5299.994489	5299.990575	5299.971126
3.8	0	5299.993671	5299.987741	5299.992381	5299.969375
3.8	10	5299.990959	5299.985412	5299.985284	5299.961001
3.8	20	5299.982865	5299.981114	5299.982658	5299.956179
3.8	30	5299.982334	5299.971177	5299.973074	5299.947087
3.8	40	5299.975669	5299.964369	5299.971882	5299.943518
3.8	50	5299.969773	5299.955085	5299.964011	5299.939197
3.45	20	5299.962947	5299.953264	5299.958317	5299.935610
4.35	20	5299.958769	5299.946333	5299.956275	5299.926081
Max. ΔMHz		-0.041231	-0.053667	-0.043725	-0.073919
PPM		-7.779434	-10.125849	-8.250000	-13.946981

Voltage (V)	Temperature (°C)	U-NII-2C Test Results			
		5580MHz			
		1min	2min	5min	10min
3.8	-30	5579.990035	5579.982888	5579.976573	5579.968109
3.8	-20	5579.983286	5579.977985	5579.971016	5579.965287
3.8	-10	5579.974776	5579.971690	5579.966852	5579.955910
3.8	0	5579.974458	5579.974335	5579.964614	5579.956810
3.8	10	5579.969152	5579.964841	5579.961969	5579.948591
3.8	20	5579.959254	5579.958242	5579.958191	5579.939672
3.8	30	5579.957746	5579.949488	5579.949400	5579.933641
3.8	40	5579.949220	5579.942624	5579.947392	5579.924618
3.8	50	5579.945838	5579.933479	5579.939451	5579.918114
3.45	20	5579.944130	5579.926974	5579.939292	5579.916112
4.35	20	5579.936875	5579.922651	5579.933016	5579.909574
Max. ΔMHz		-0.063125	-0.077349	-0.066984	-0.090426
PPM		-11.312724	-13.861828	-12.004301	-16.205376

Voltage (V)	Temperature (°C)	U-NII-3 Test Results			
		5785MHz			
		1min	2min	5min	10min
3.8	-30	5785.006842	5785.001773	5784.995486	5784.993452
3.8	-20	5785.004951	5784.996994	5784.993968	5784.986530
3.8	-10	5785.003093	5784.996879	5784.988313	5784.980745
3.8	0	5785.004439	5784.995498	5784.991107	5784.980430
3.8	10	5785.001641	5784.987351	5784.987497	5784.971517
3.8	20	5784.994669	5784.979735	5784.982240	5784.970556
3.8	30	5784.991765	5784.970088	5784.972650	5784.963303
3.8	40	5784.987732	5784.964114	5784.969376	5784.956679
3.8	50	5784.980081	5784.959026	5784.967480	5784.953481
3.45	20	5784.978613	5784.950618	5784.962477	5784.949653
4.35	20	5784.969060	5784.943541	5784.959382	5784.944939
Max. ΔMHz		-0.030940	-0.056459	-0.040618	-0.055061
PPM		-5.348315	-9.759551	-7.021262	-9.517891

5.4. Power Spectral Density

Ambient condition

Temperature	Relative humidity	Pressure
15°C ~ 35°C	20% ~ 80%	86 kPa ~ 106 kPa

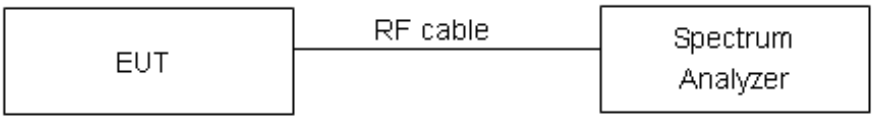
Method of Measurement

The EUT was connected to the spectrum analyzer through an external attenuator (20dB) and a known loss cable.

Set RBW = 1MHz, VBW =3MHz for the band 5.150-5.250GHz, 5.250-5.350GHz, 5.470-5.725GHz.
Set RBW = 470kHz, VBW =1.5MHz for the band 5.725-5.850GHz

The conducted PSD is measured at each antenna port. The measured results at the various antenna ports are then summed mathematically.

Test setup



Limits

Rule FCC Part 15.407(a)(1)/ FCC Part 15.407(a)(2) / FCC Part 15.407(a)(3)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band. If transmittingantennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the

amount in dB that the directional gain of the antenna exceeds 6 dBi.

Frequency Bands/GHz	Limits
5.15-5.25	11dBm/MHz
5.25-5.35 and 5.47-5.725	11dBm/MHz
5.725-5.85	30dBm/500kHz

Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor k = 2, U= 0.75dB.

Test Results:

U-NII-1

Mode	Channel/ Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	36/5180	7.38	7.52	11	PASS
	40/5200	7.49	7.63	11	PASS
	48/5240	7.53	7.67	11	PASS
802.11n HT20	36/5180	6.28	6.42	11	PASS
	40/5200	6.22	6.36	11	PASS
	48/5240	6.01	6.15	11	PASS
802.11n HT40	38/5190	3.00	3.28	11	PASS
	46/5230	3.37	3.65	11	PASS
802.11ac VHT20	36/5180	4.24	4.39	11	PASS
	40/5200	4.45	4.60	11	PASS
	48/5240	3.90	4.05	11	PASS
802.11ac VHT40	38/5190	1.05	1.33	11	PASS
	46/5230	1.00	1.28	11	PASS
802.11ac VHT80	42/5210	-2.24	-1.69	11	PASS
Note: Power Spectral Density =Read Value+Duty cycle correction factor					

U-NII-2A

Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	52/5260	7.15	7.29	11	PASS
	60/5300	7.74	7.88	11	PASS
	64/5320	7.35	7.49	11	PASS
802.11n HT20	52/5260	6.23	6.37	11	PASS
	60/5300	6.18	6.32	11	PASS
	64/5320	6.17	6.31	11	PASS
802.11n HT40	54/5270	3.17	3.45	11	PASS
	62/5310	3.50	3.78	11	PASS
802.11ac VHT20	52/5260	4.08	4.23	11	PASS
	60/5300	4.02	4.17	11	PASS
	64/5320	4.27	4.42	11	PASS
802.11ac VHT40	54/5270	0.74	1.02	11	PASS
	62/5310	1.05	1.33	11	PASS
802.11ac VHT80	58/5290	-2.27	-1.72	11	PASS
Note: Power Spectral Density =Read Value+Duty cycle correction factor					

U-NII-2C

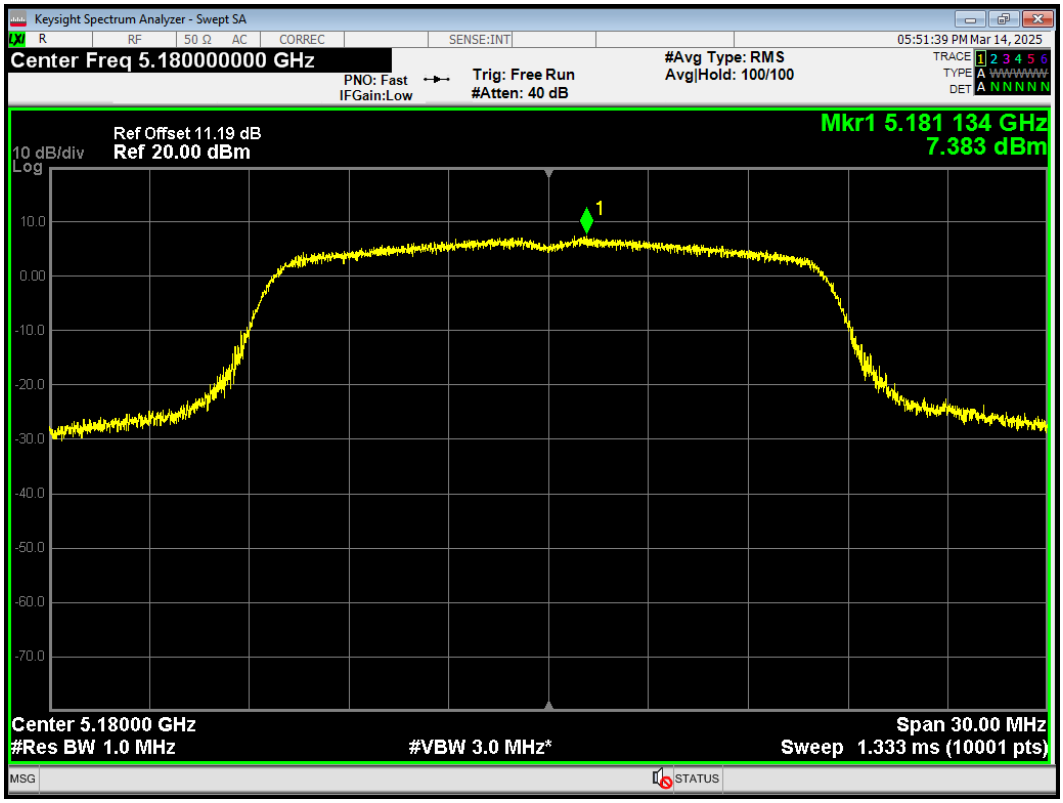
Mode	Channel /Frequency (MHz)	Read Value (dBm /MHz)	Power Spectral Density (dBm /MHz)	Limit (dBm /MHz)	Conclusion
802.11a	100/5500	7.23	7.37	11	PASS
	116/5580	7.71	7.85	11	PASS
	140/5700	7.17	7.31	11	PASS
802.11n HT20	100/5500	5.79	5.93	11	PASS
	116/5580	6.09	6.23	11	PASS
	140/5700	6.27	6.41	11	PASS
802.11n HT40	102/5510	3.01	3.29	11	PASS
	110/5550	3.02	3.30	11	PASS
	134/5670	3.05	3.33	11	PASS
802.11ac VHT20	100/5500	3.95	4.10	11	PASS
	116/5580	4.05	4.20	11	PASS
	140/5700	3.99	4.14	11	PASS
802.11ac VHT40	102/5510	1.00	1.28	11	PASS
	110/5550	0.82	1.10	11	PASS
	134/5670	1.00	1.28	11	PASS
802.11ac VHT80	106/5530	-2.21	-1.66	11	PASS
Note: Power Spectral Density =Read Value+Duty cycle correction factor					

U-NII-3

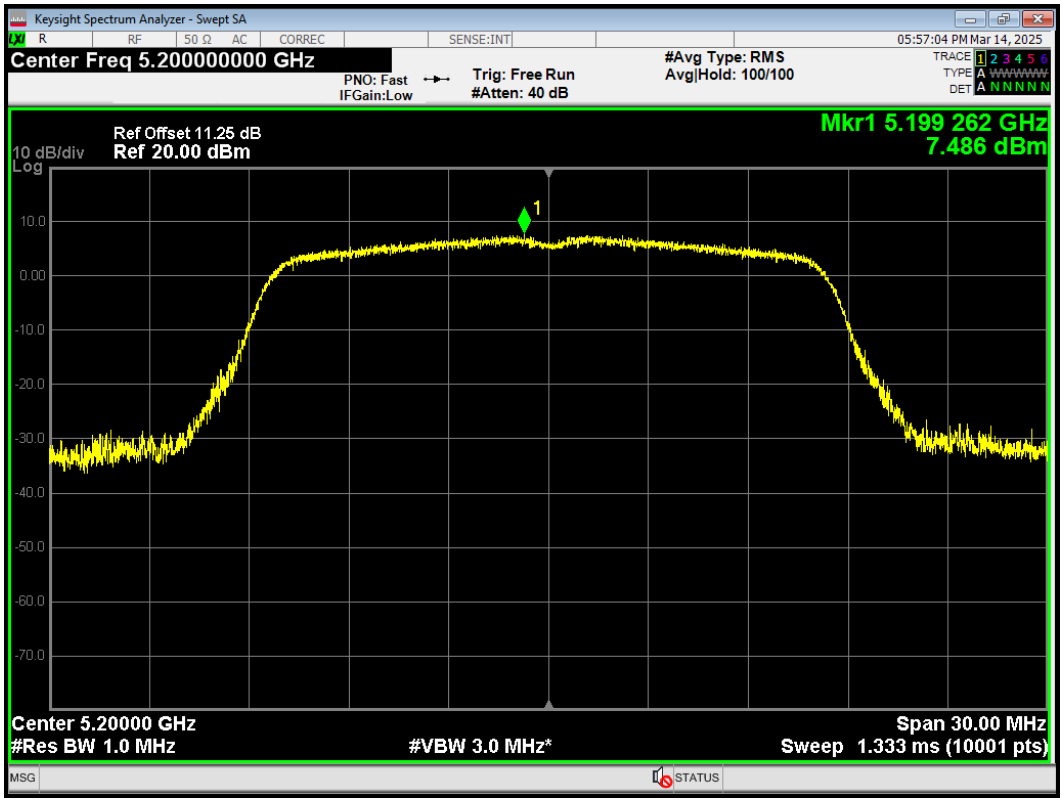
Mode	Channel /Frequency (MHz)	Read Value (dBm/470kHz)	Power Spectral Density (dBm/500kHz)	Limit (dBm/500kHz)	Conclusion
802.11a	149/5745	4.09	4.50	30	PASS
	157/5785	3.87	4.28	30	PASS
	165/5825	3.86	4.27	30	PASS
802.11n HT20	149/5745	3.23	3.64	30	PASS
	157/5785	2.78	3.19	30	PASS
	165/5825	2.80	3.21	30	PASS
802.11n HT40	151/5755	-0.07	0.48	30	PASS
	159/5795	-0.23	0.32	30	PASS
802.11ac VHT20	149/5745	0.93	1.35	30	PASS
	157/5785	0.88	1.30	30	PASS
	165/5825	1.05	1.47	30	PASS
802.11ac VHT40	151/5755	-2.55	-2.00	30	PASS
	159/5795	-2.26	-1.71	30	PASS
802.11ac VHT80	155/5775	-5.75	-4.93	30	PASS
Note: PSD=Read Value+Duty cycle correction factor +10*log(500/470)					

U-NII-1

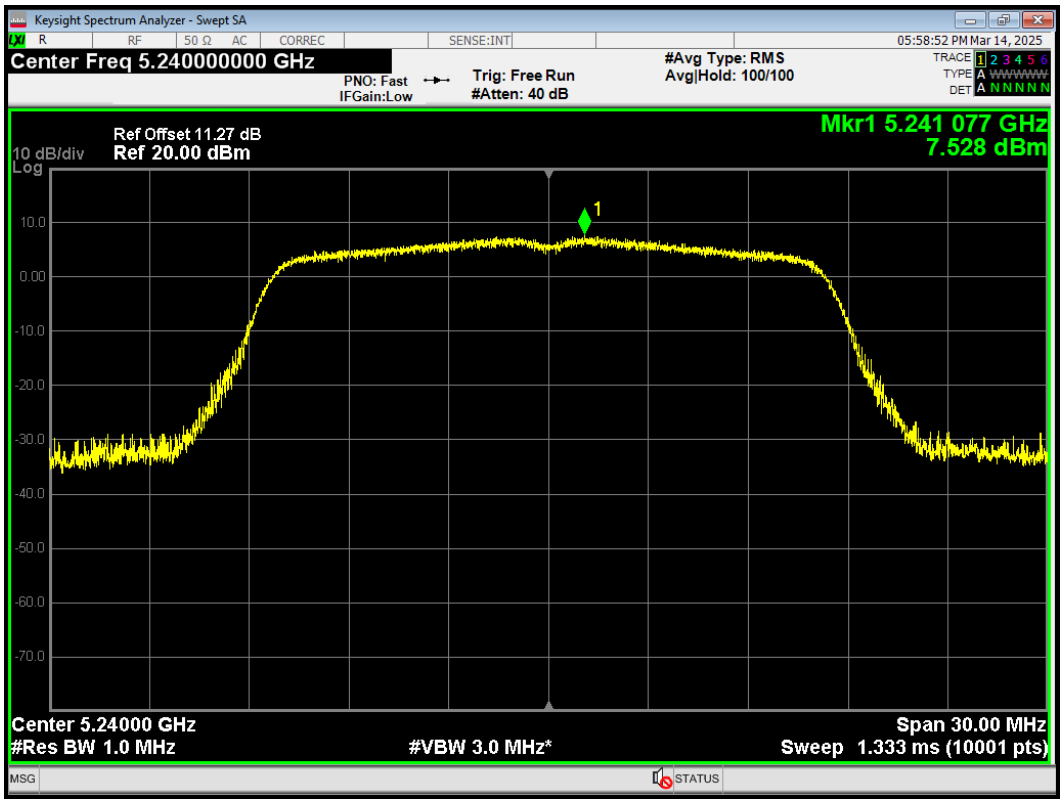
PSD 802.11a 5180MHz



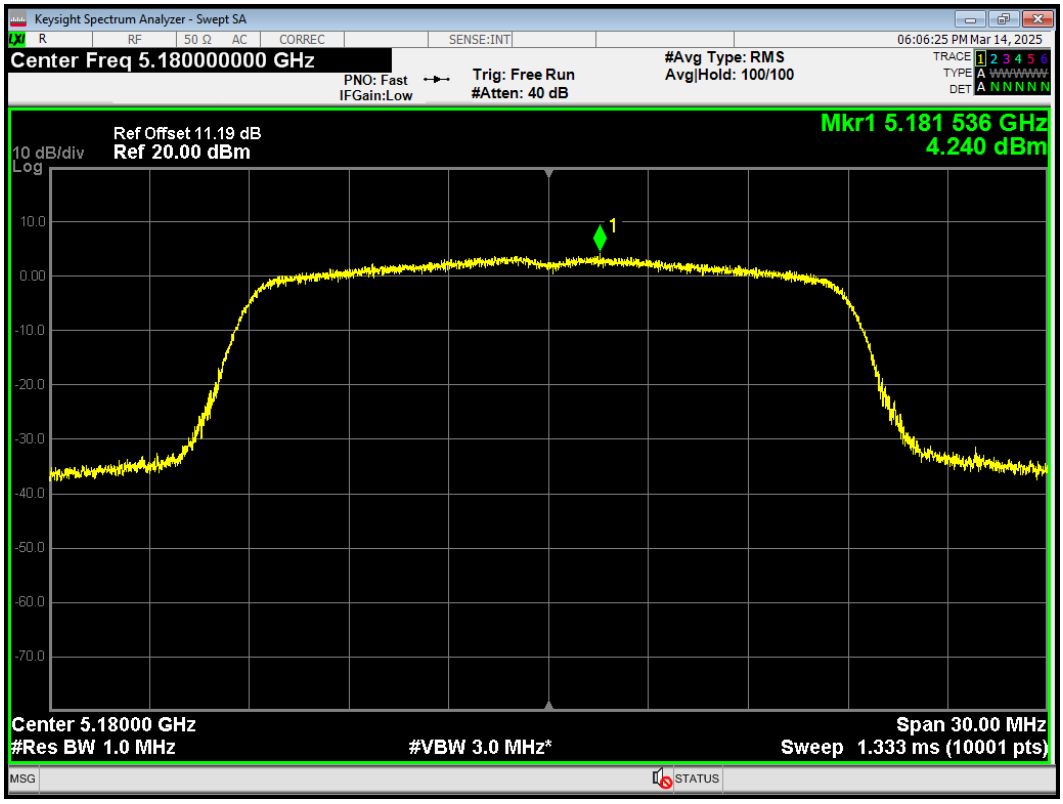
PSD 802.11a 5200MHz



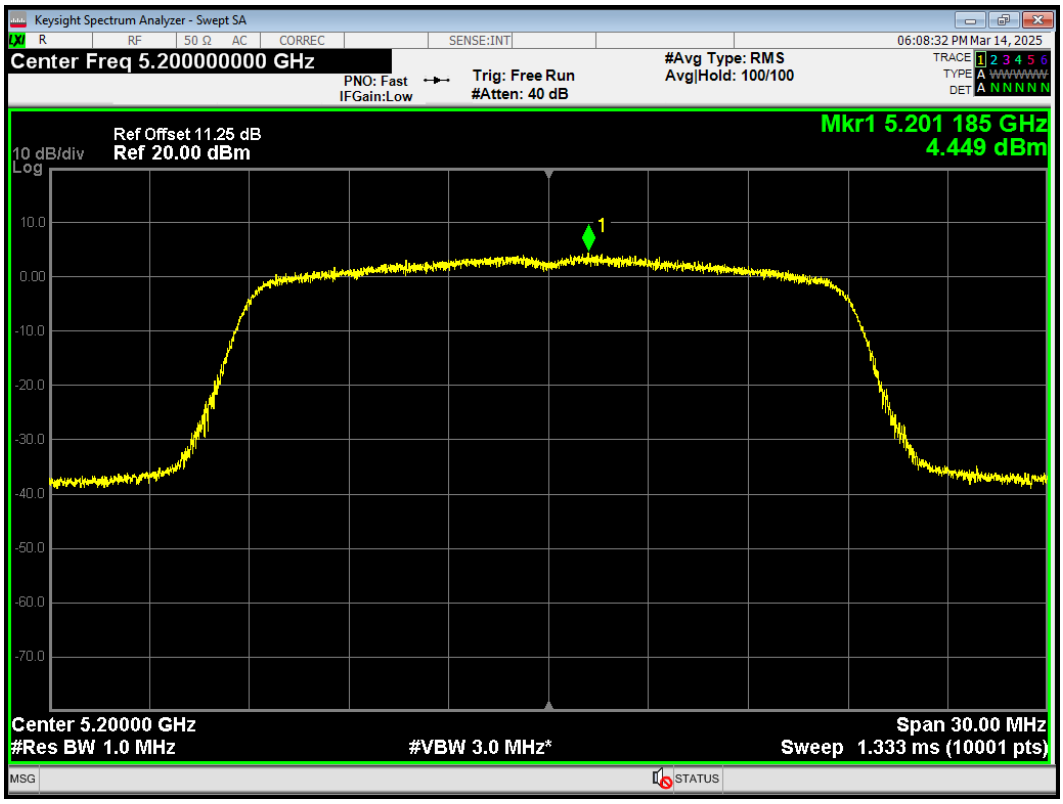
PSD 802.11a 5240MHz



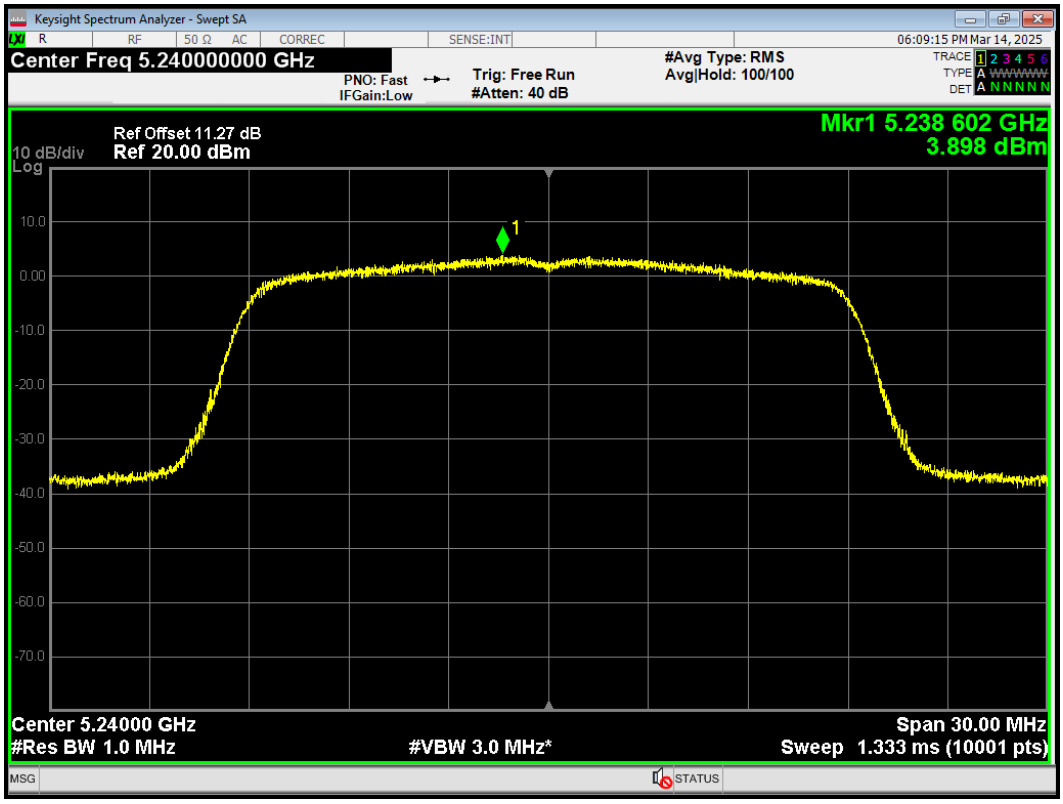
PSD 802.11ac(VHT20) 5180MHz



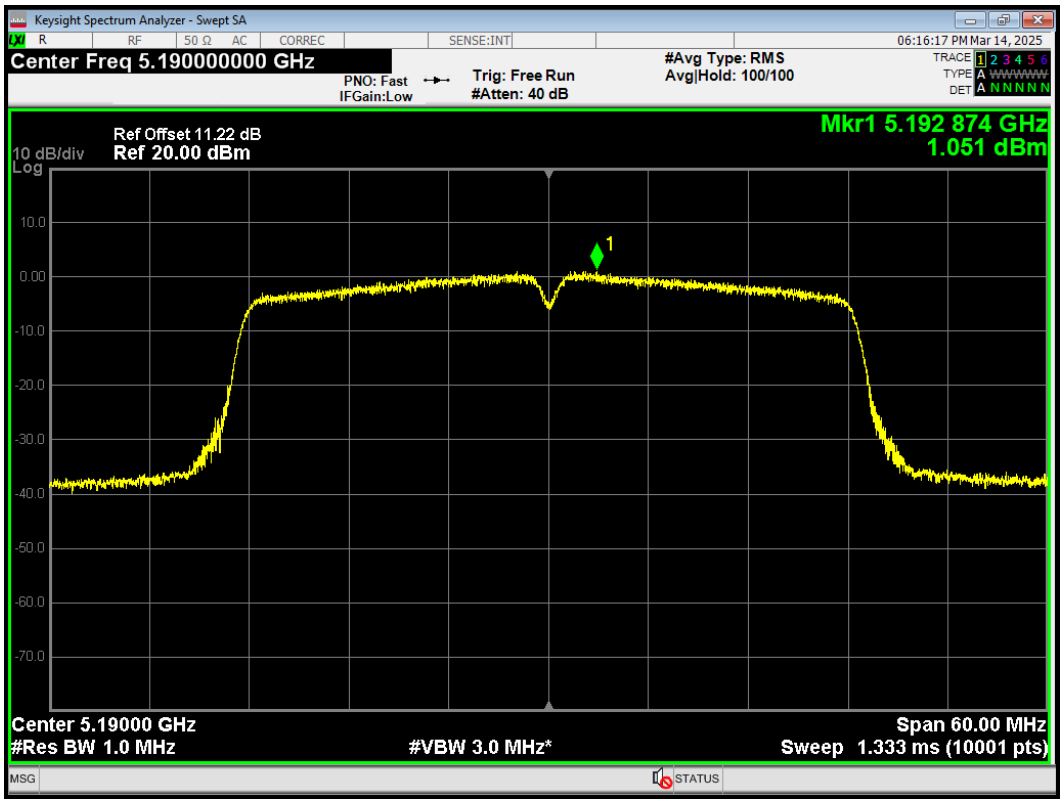
PSD 802.11ac(VHT20) 5200MHz



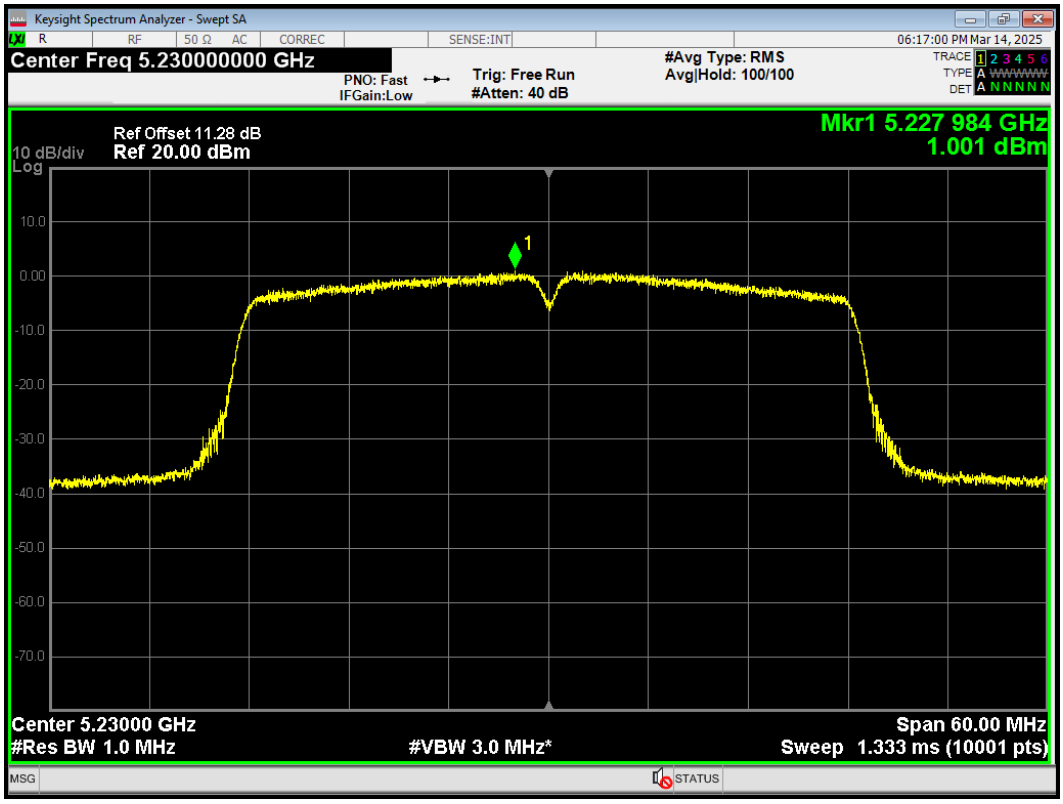
PSD 802.11ac(VHT20) 5240MHz



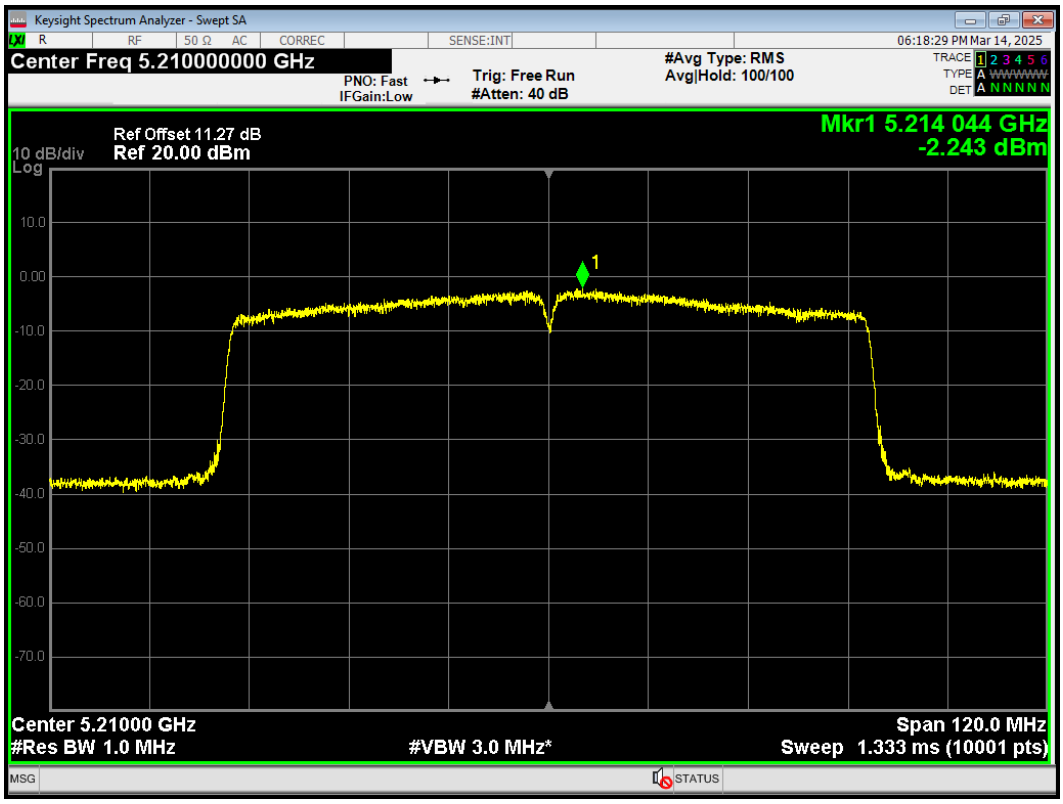
PSD 802.11ac(VHT40) 5190MHz



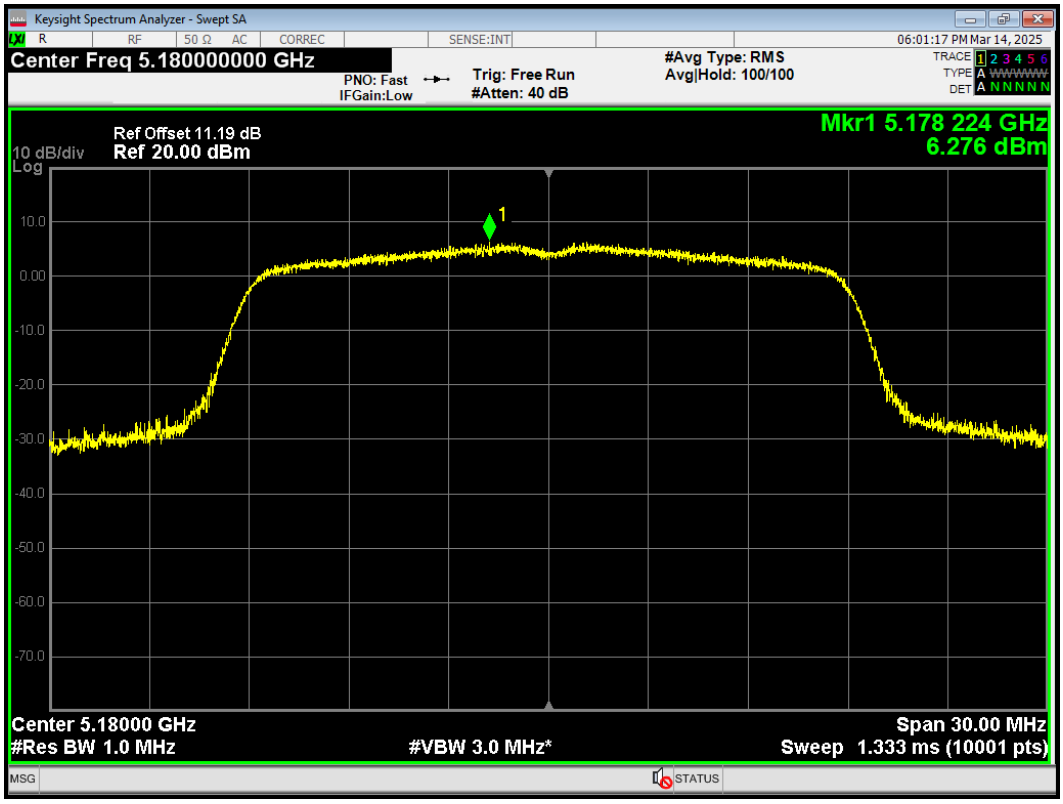
PSD 802.11ac(VHT40) 5230MHz



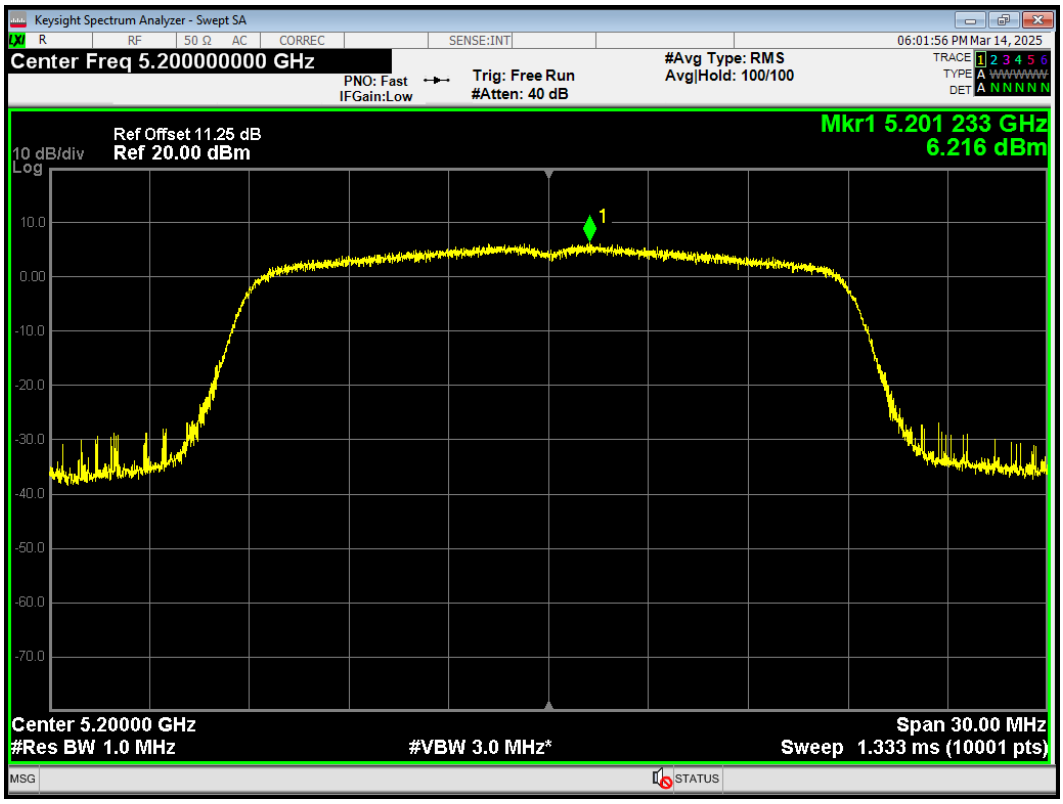
PSD 802.11ac(VHT80) 5210MHz



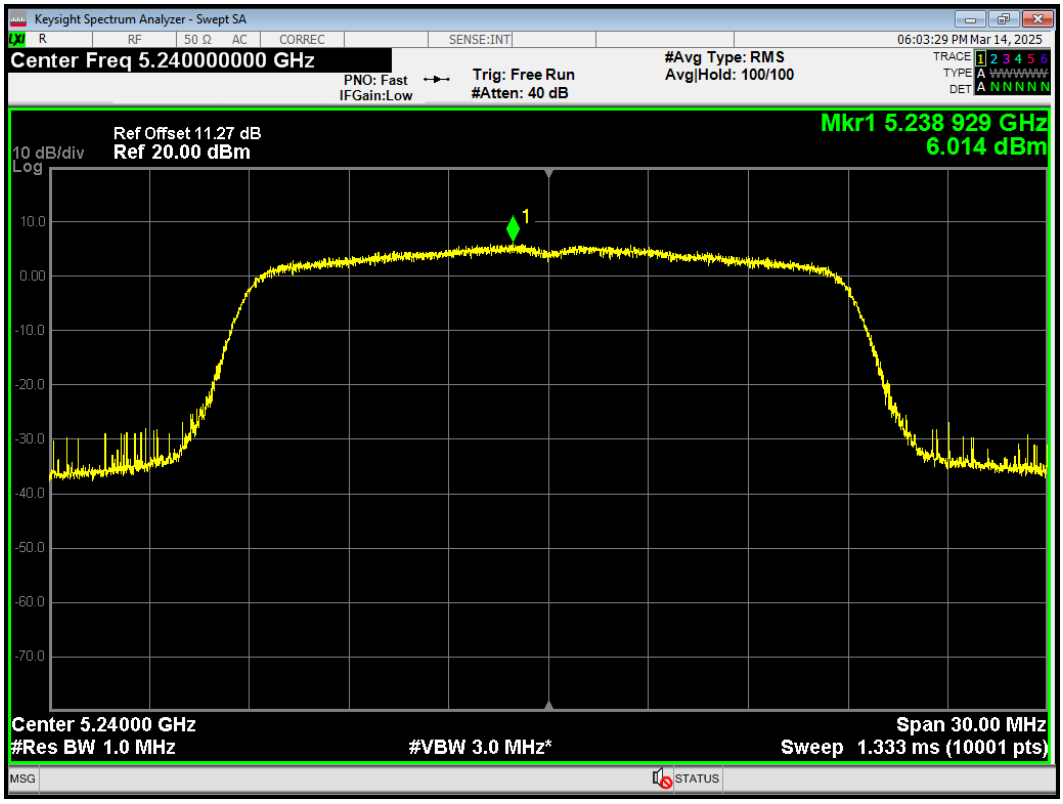
PSD 802.11n(HT20) 5180MHz



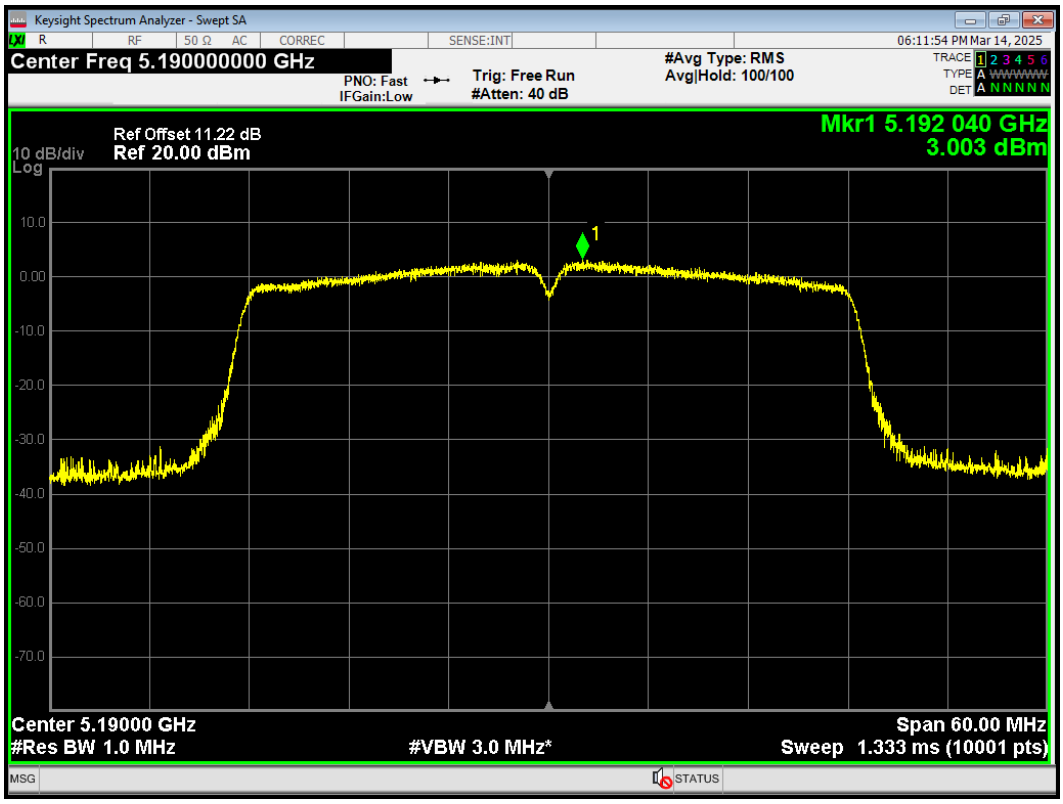
PSD 802.11n(HT20) 5200MHz



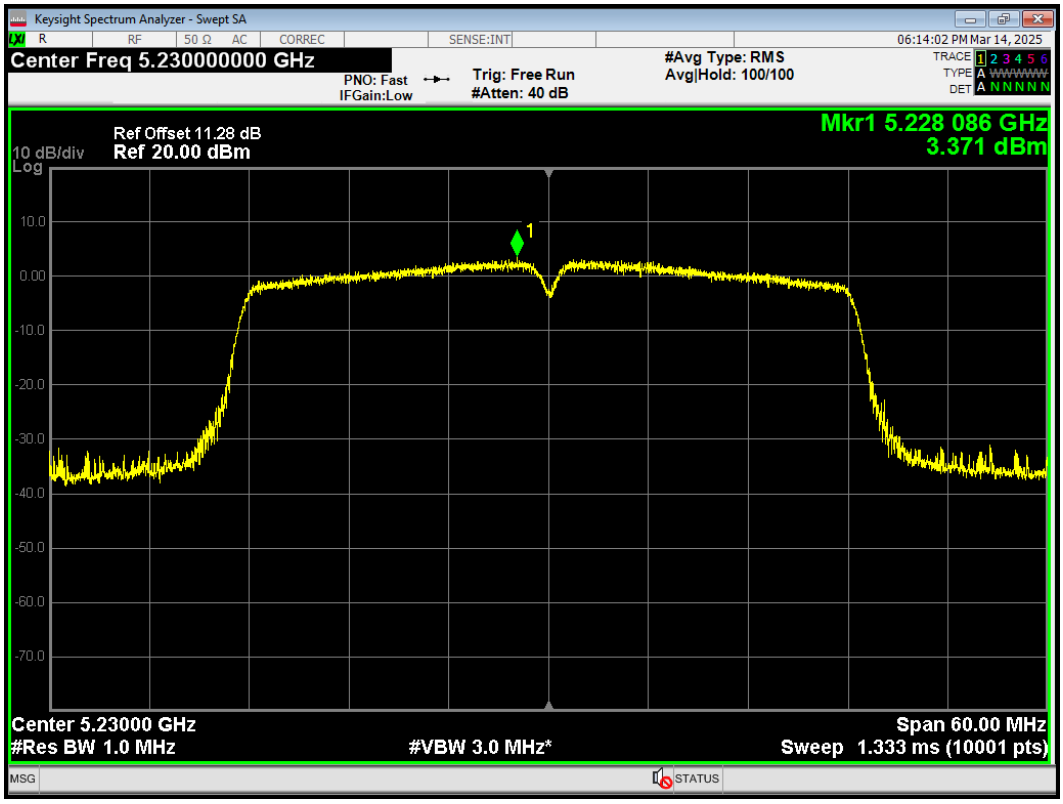
PSD 802.11n(HT20) 5240MHz



PSD 802.11n(HT40) 5190MHz

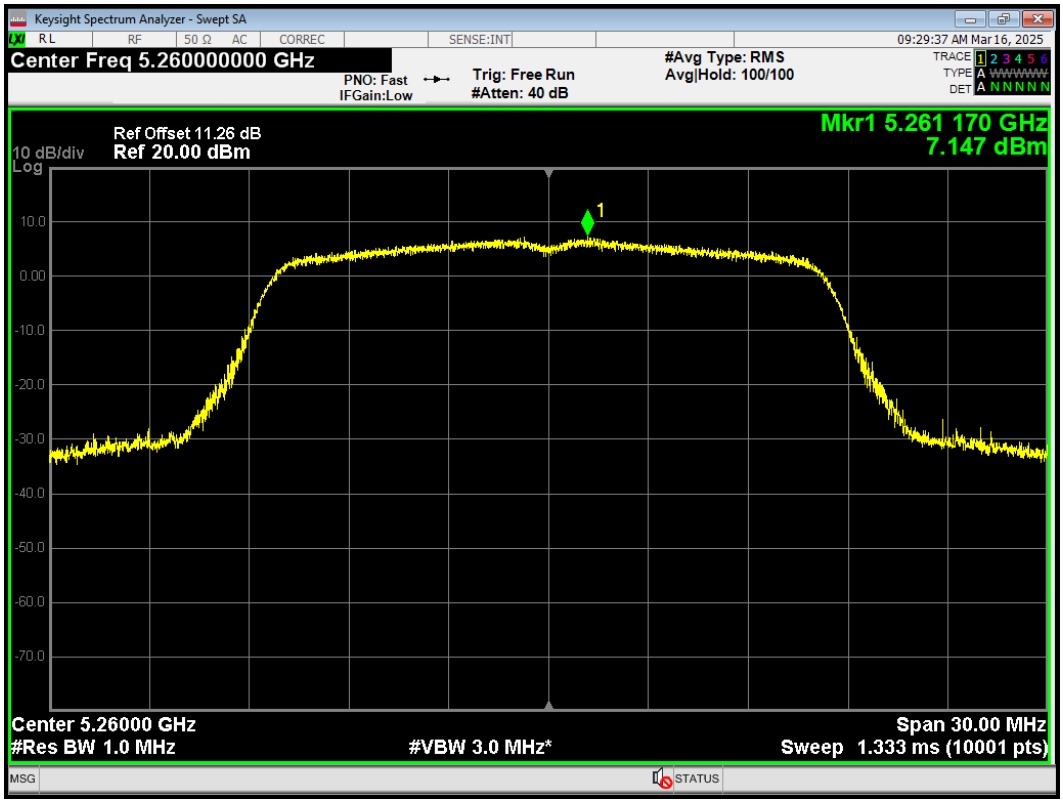


PSD 802.11n(HT40) 5230MHz

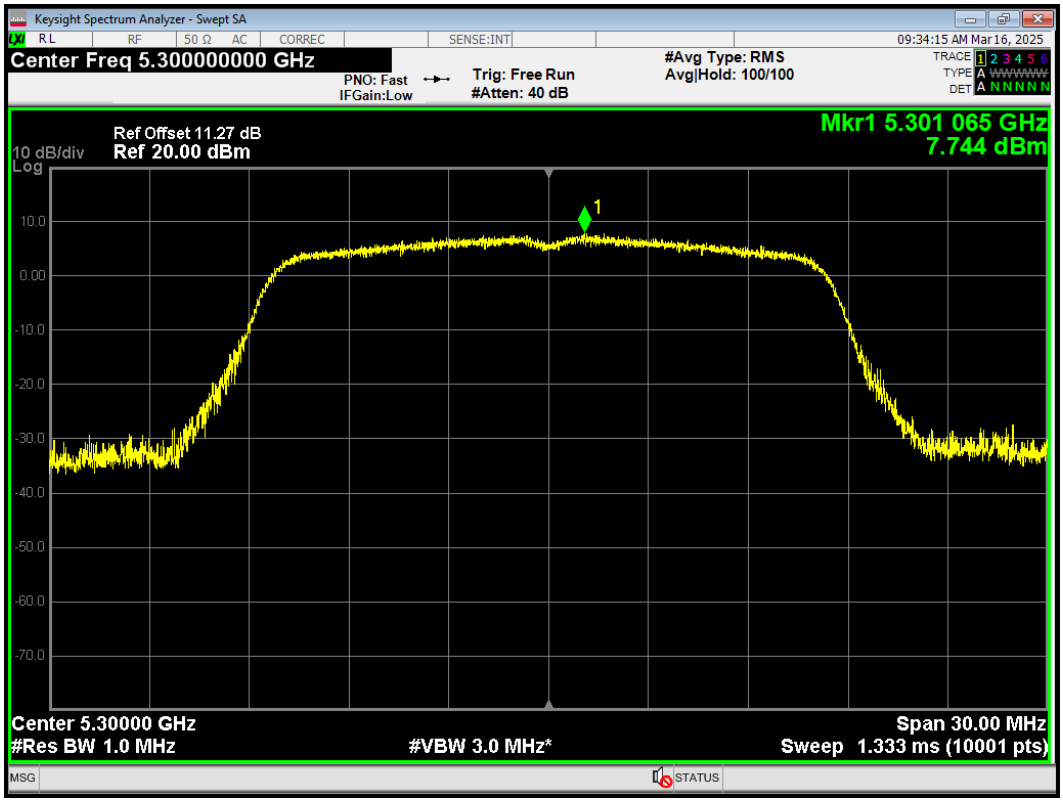


U-NII-2A

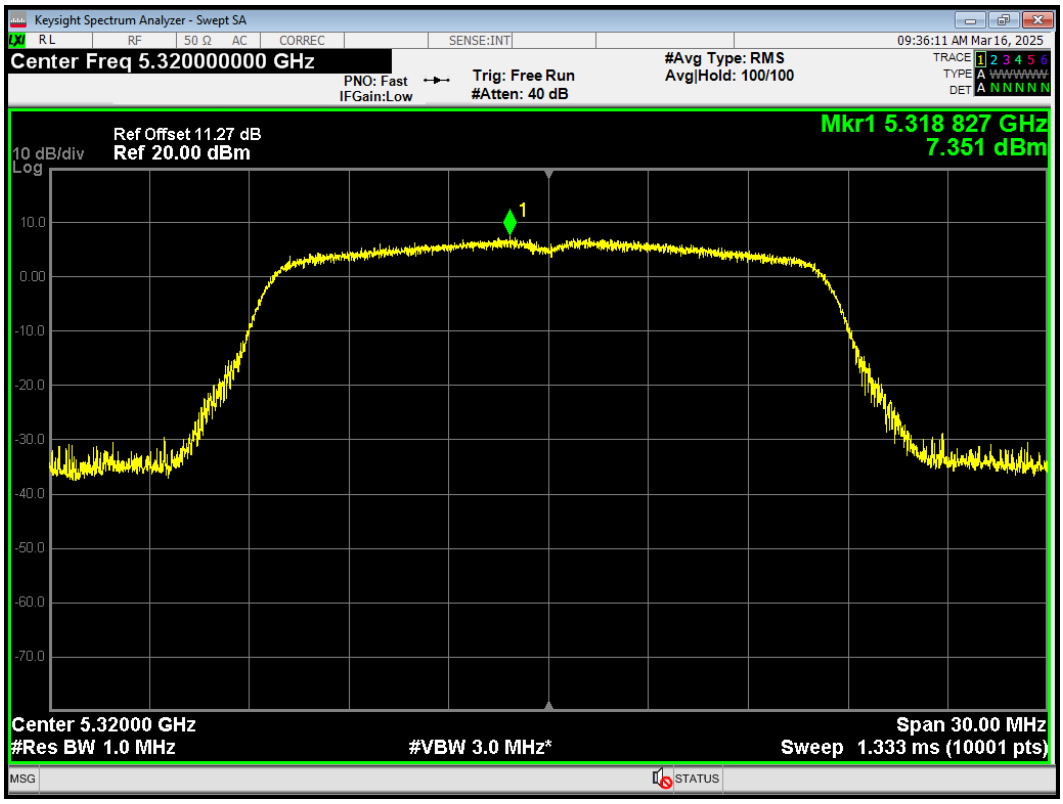
PSD 802.11a 5260MHz



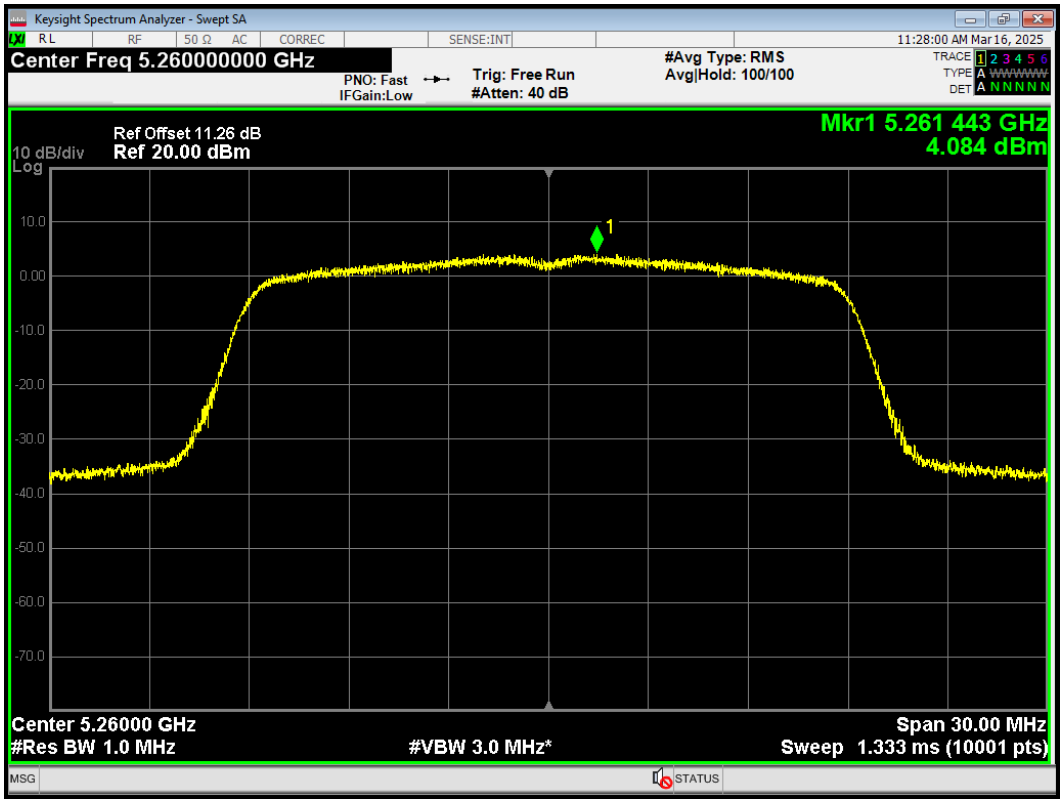
PSD 802.11a 5300MHz



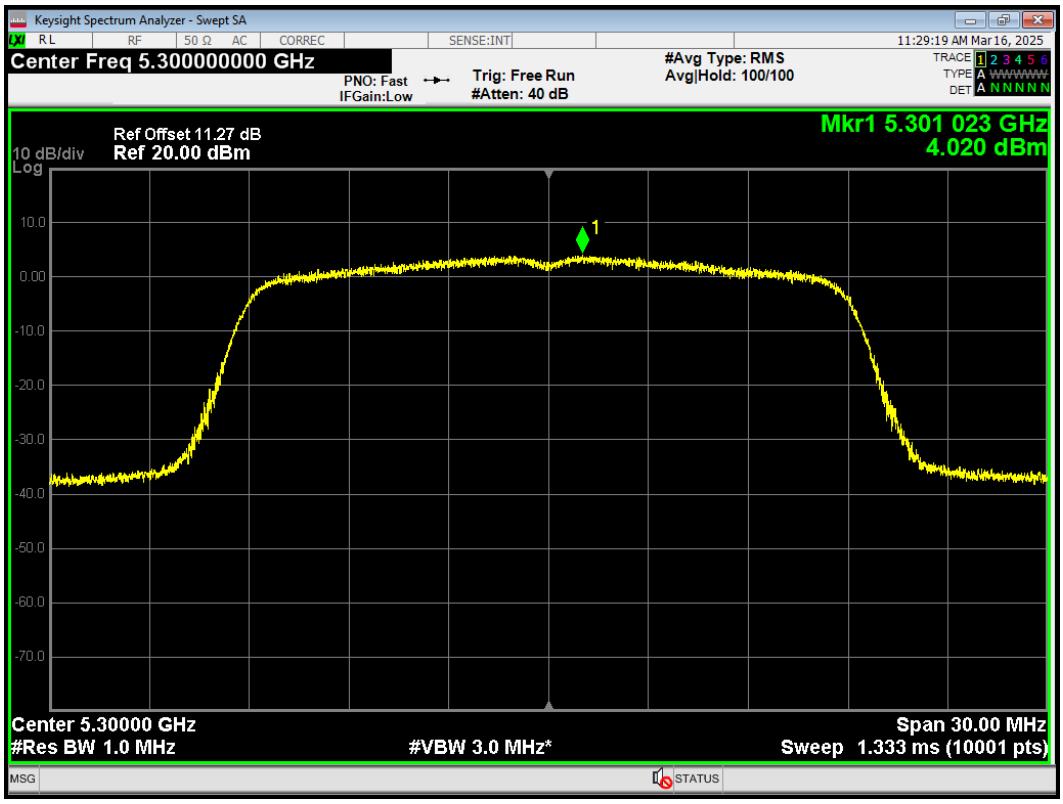
PSD 802.11a 5320MHz



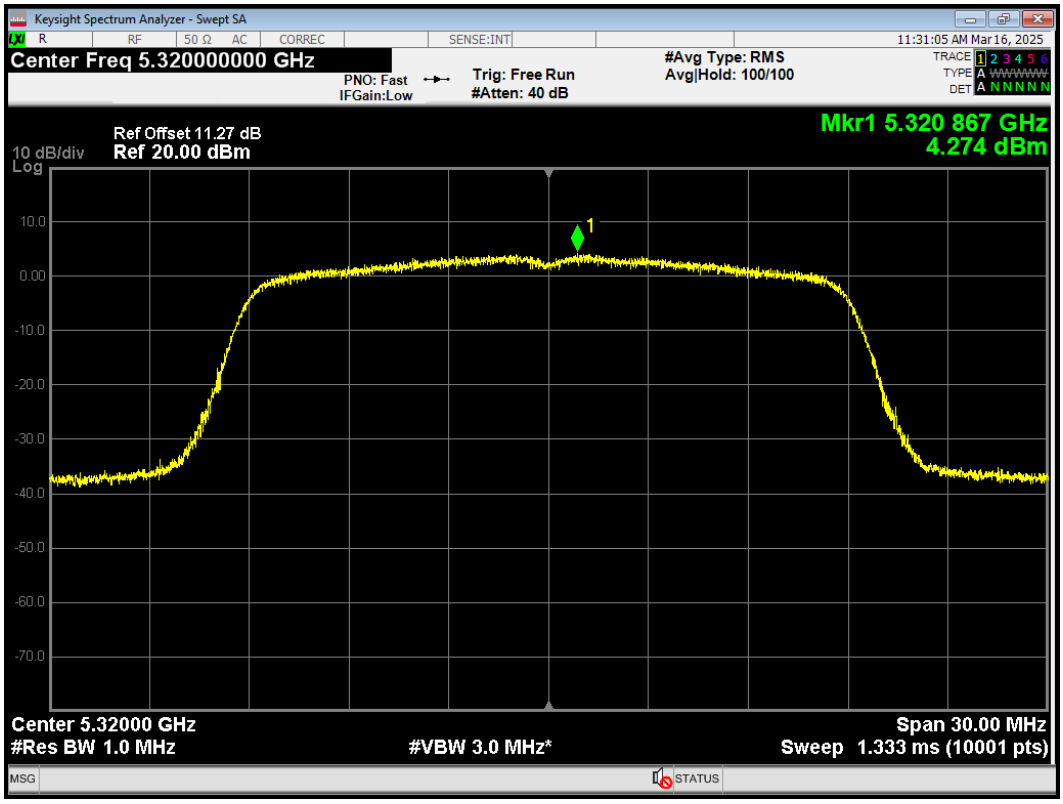
PSD 802.11ac(VHT20) 5260MHz



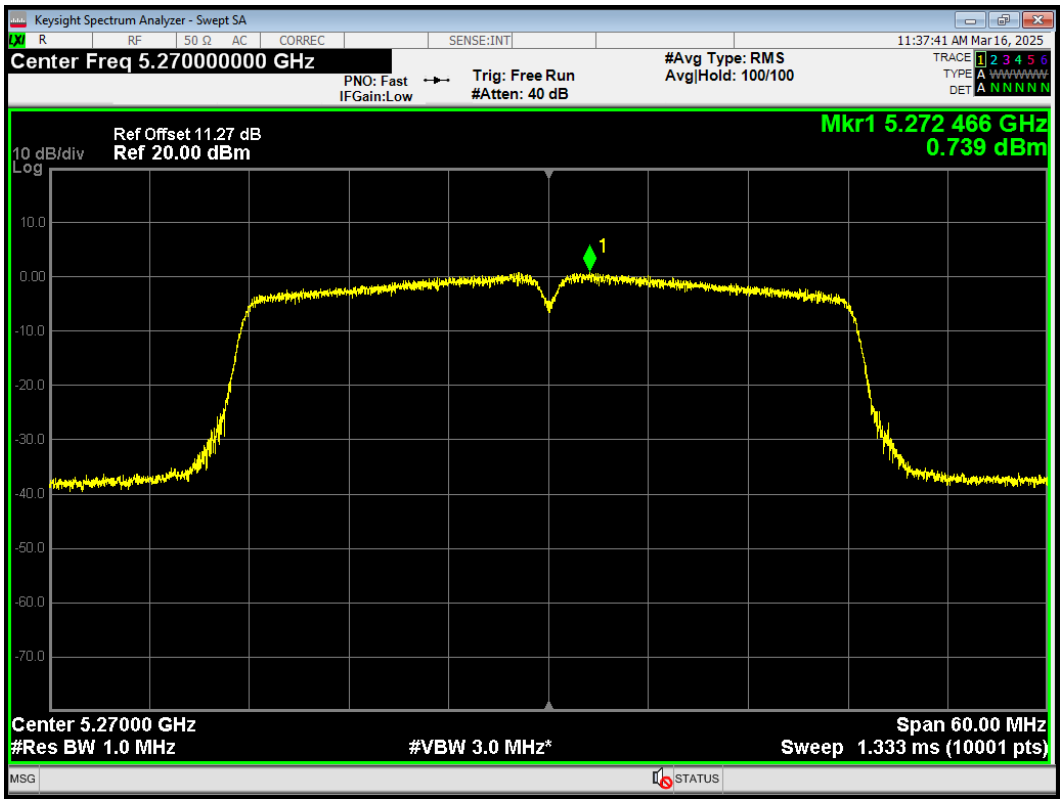
PSD 802.11ac(VHT20) 5300MHz



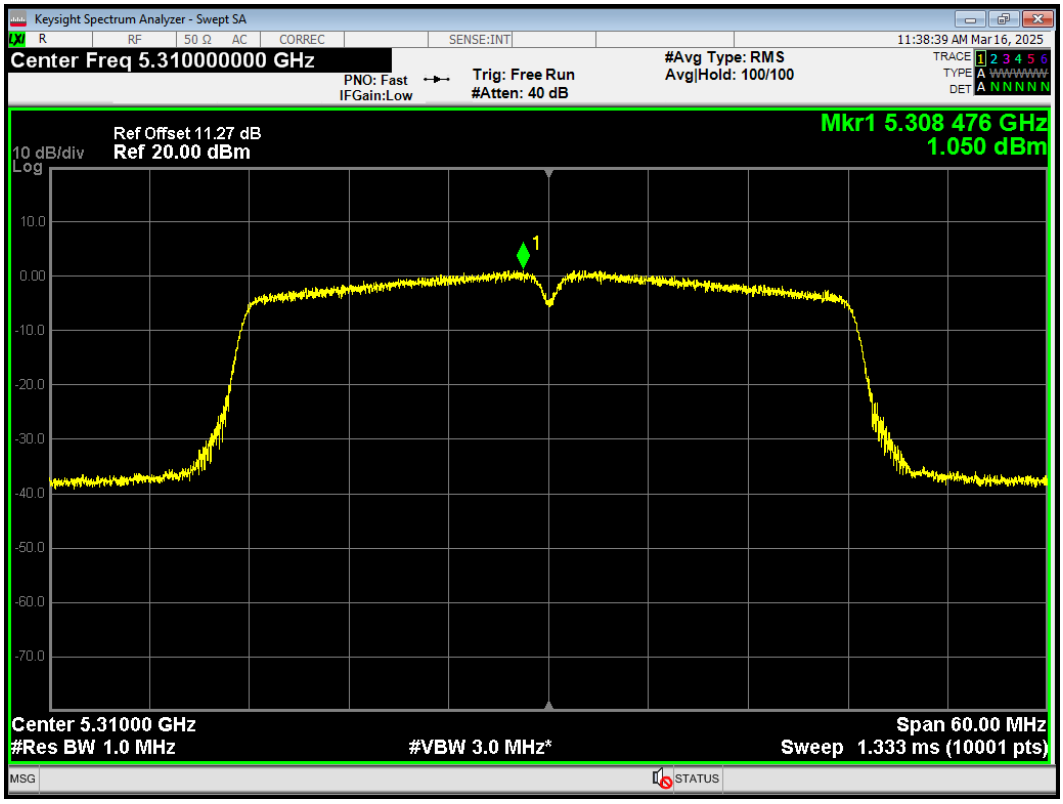
PSD 802.11ac(VHT20) 5320MHz



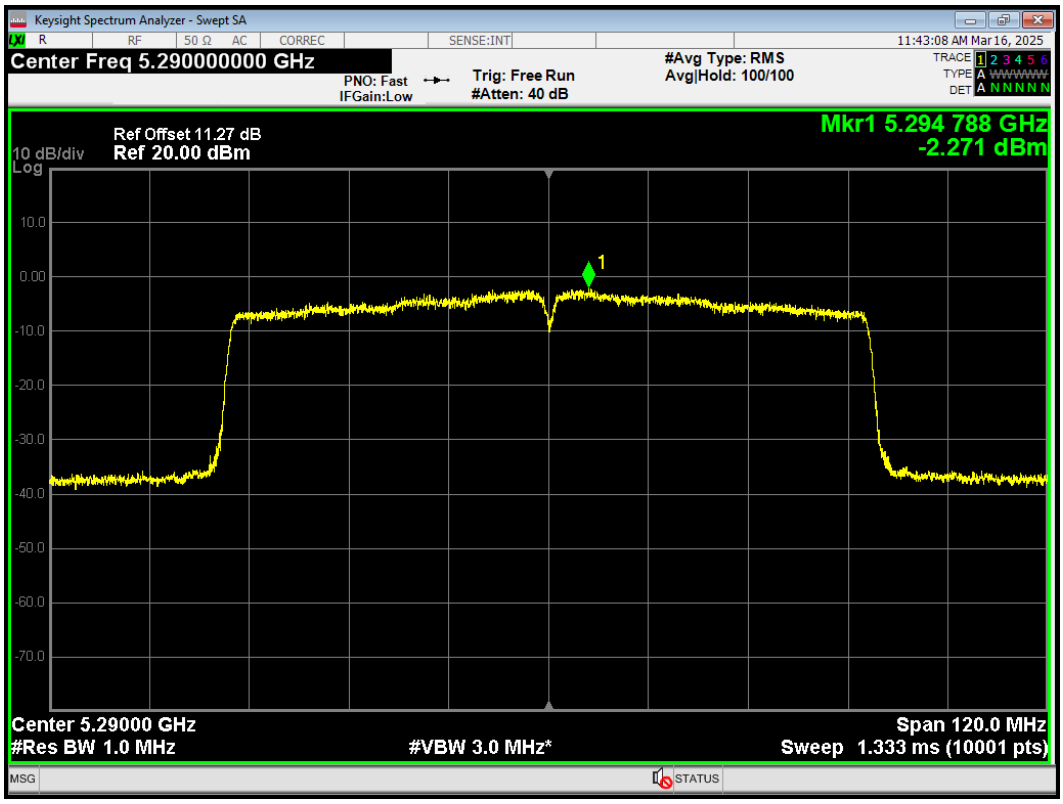
PSD 802.11ac(VHT40) 5270MHz



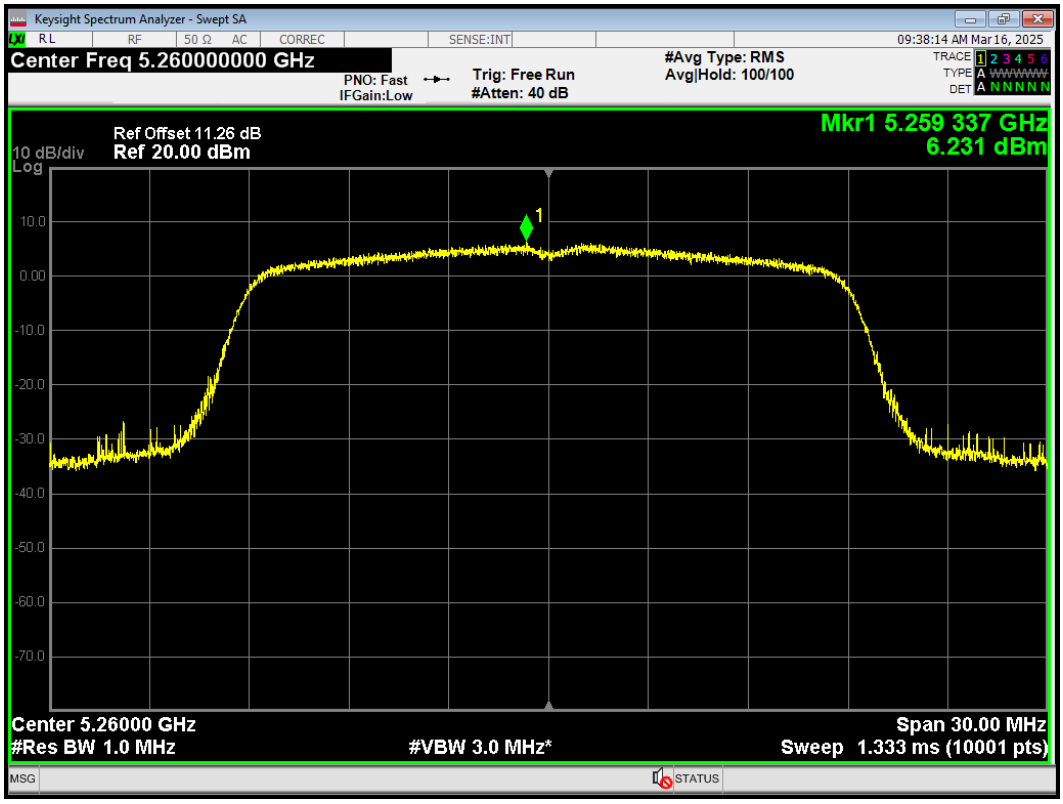
PSD 802.11ac(VHT40) 5310MHz



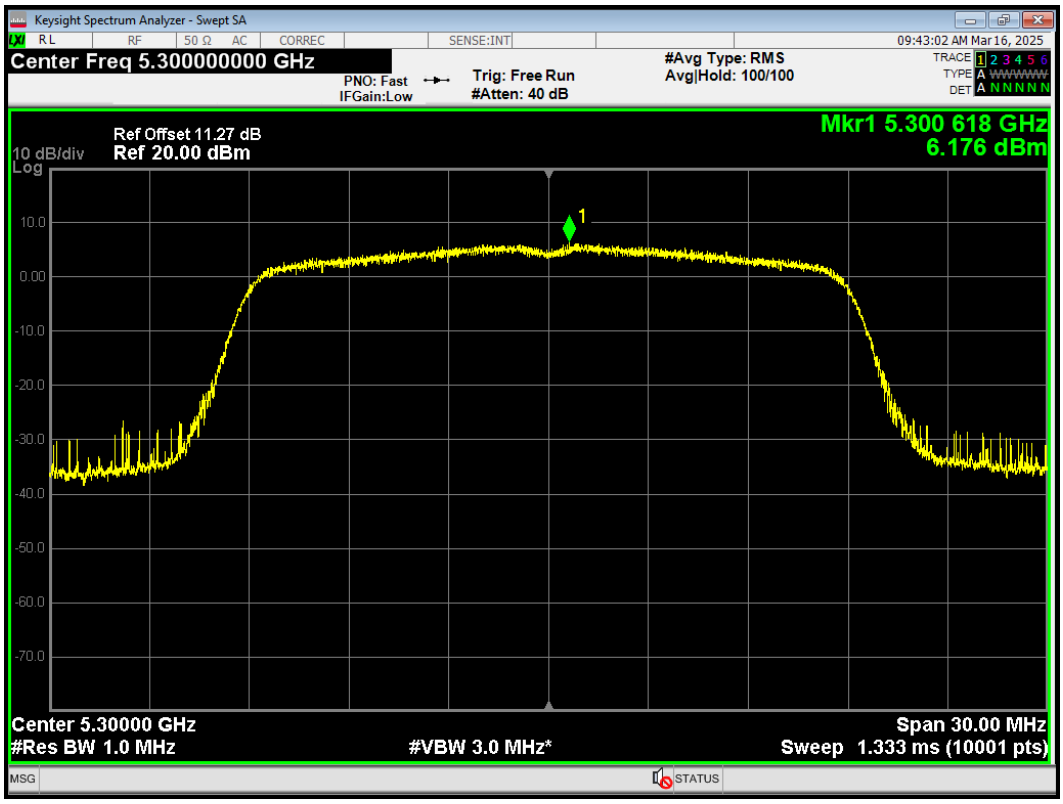
PSD 802.11ac(VHT80) 5290MHz



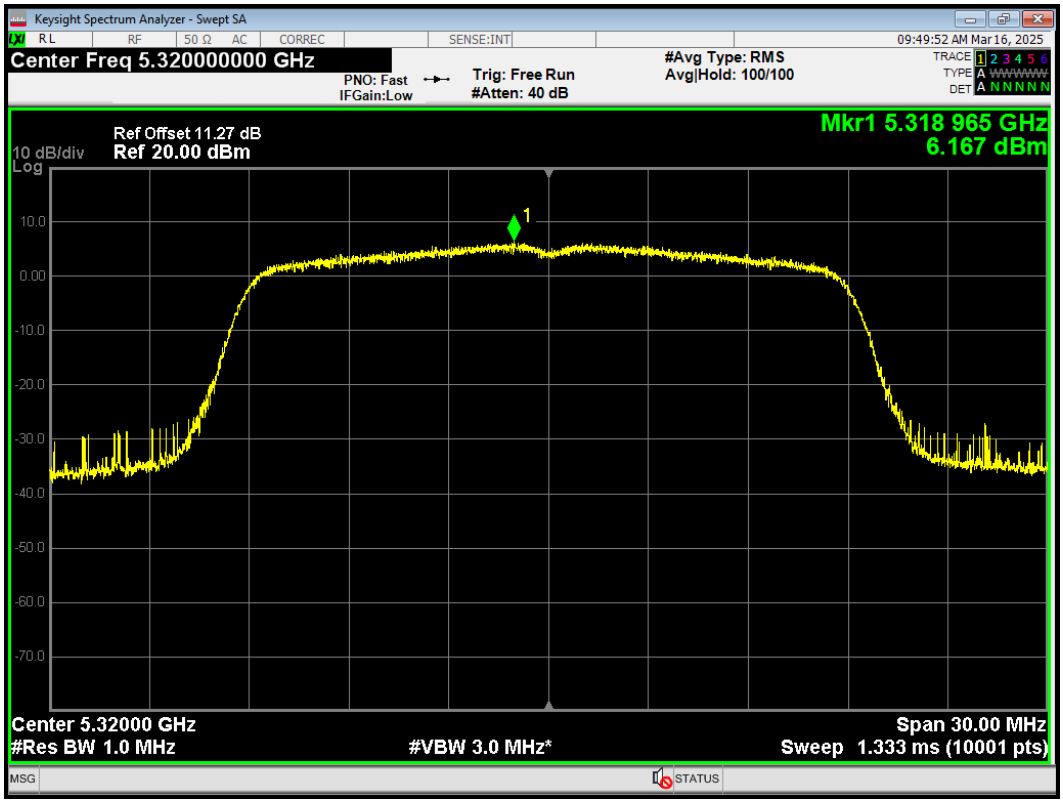
PSD 802.11n(HT20) 5260MHz



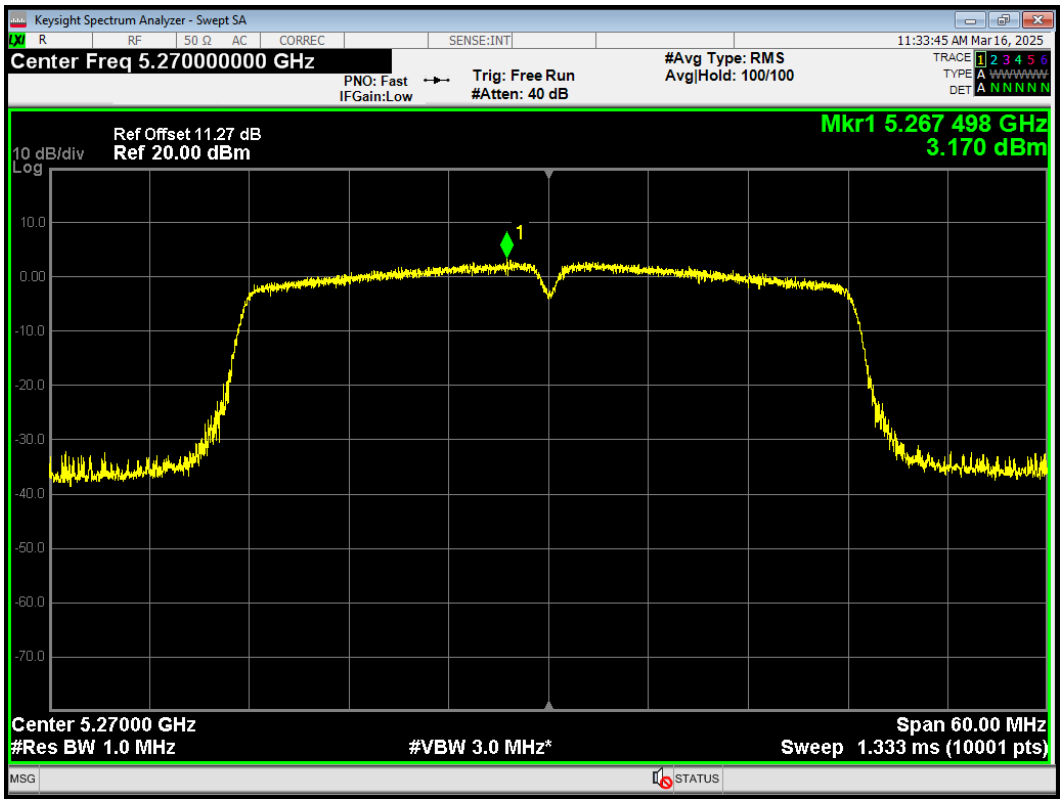
PSD 802.11n(HT20) 5300MHz



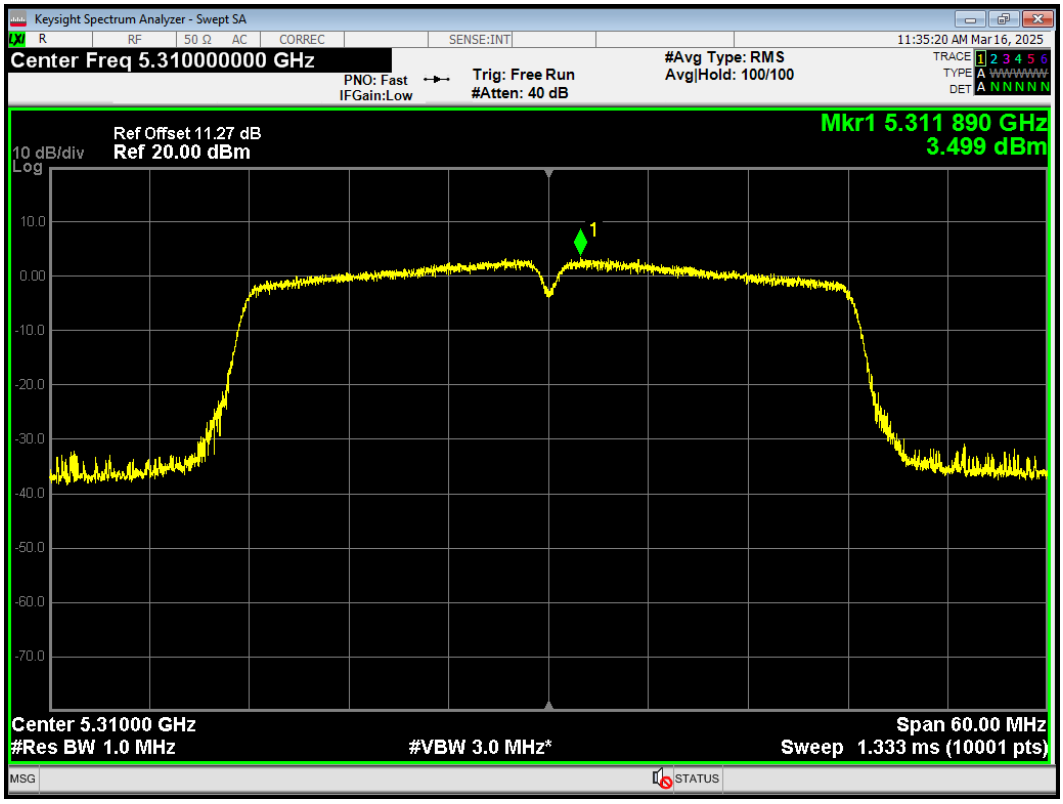
PSD 802.11n(HT20) 5320MHz



PSD 802.11n(HT40) 5270MHz

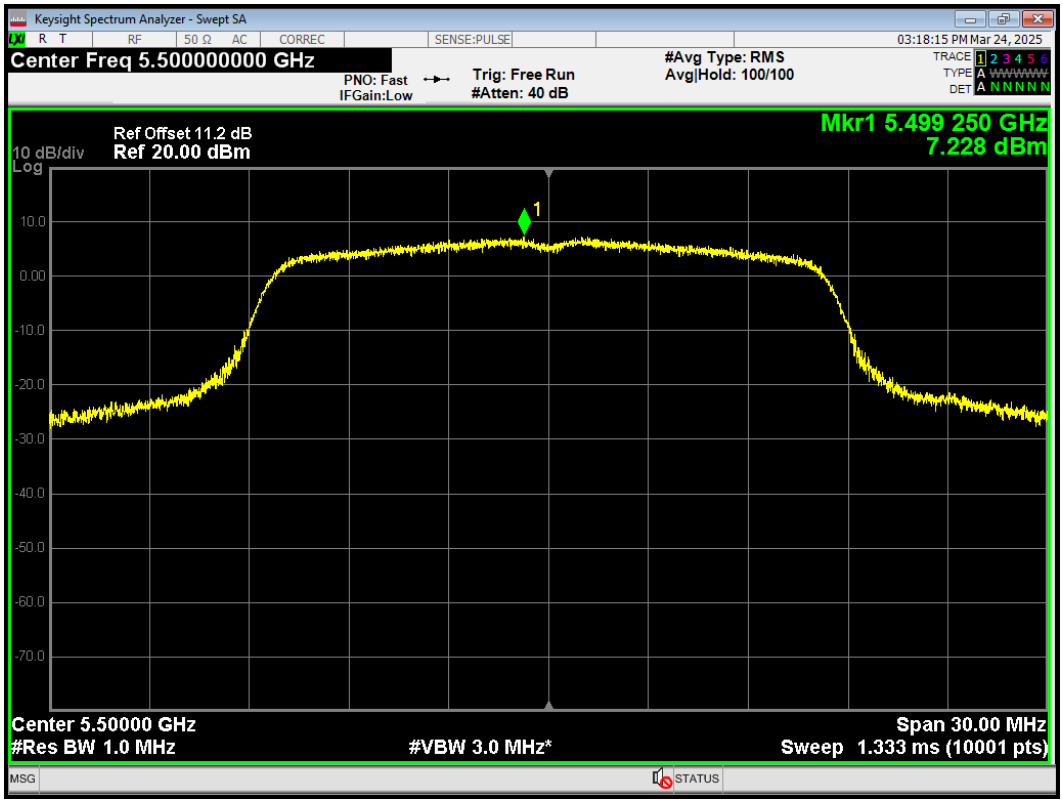


PSD 802.11n(HT40) 5310MHz

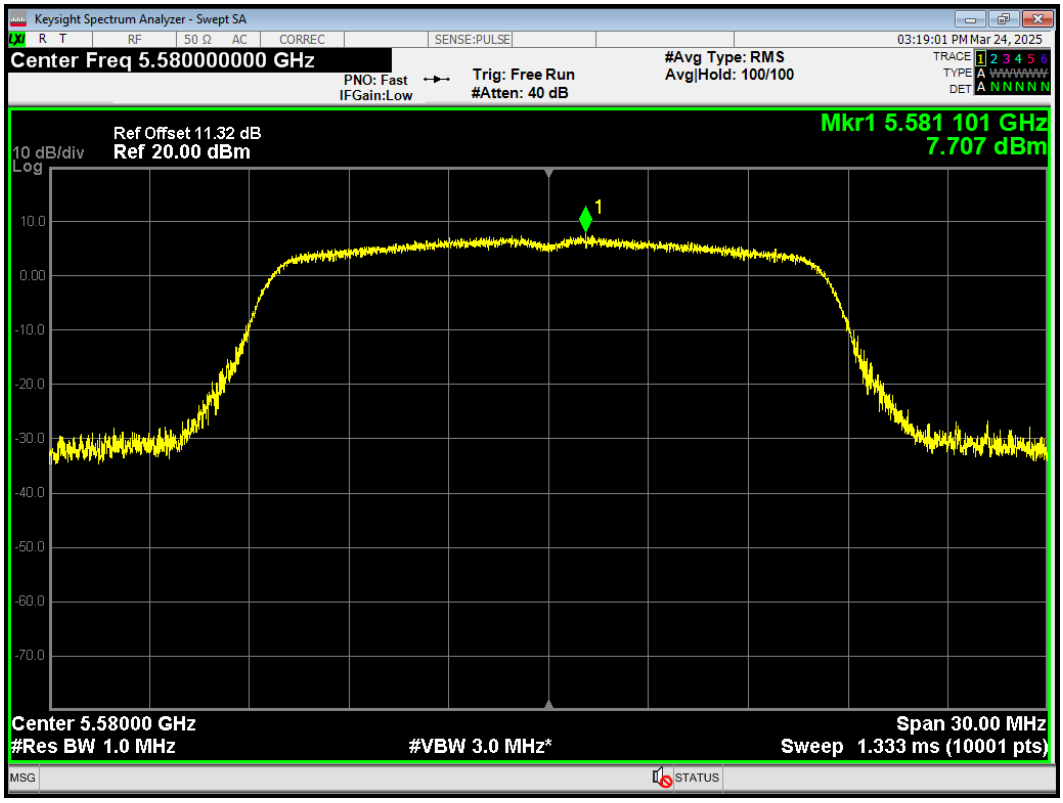


U-NII-2C

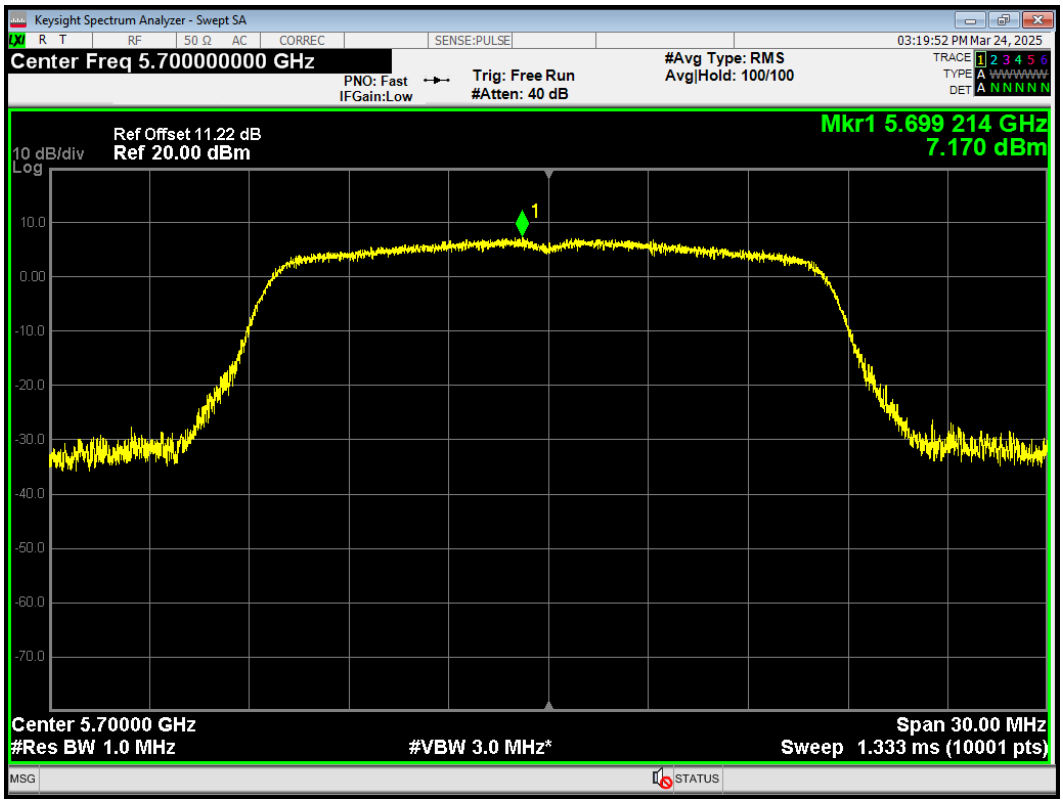
PSD 802.11a 5500MHz



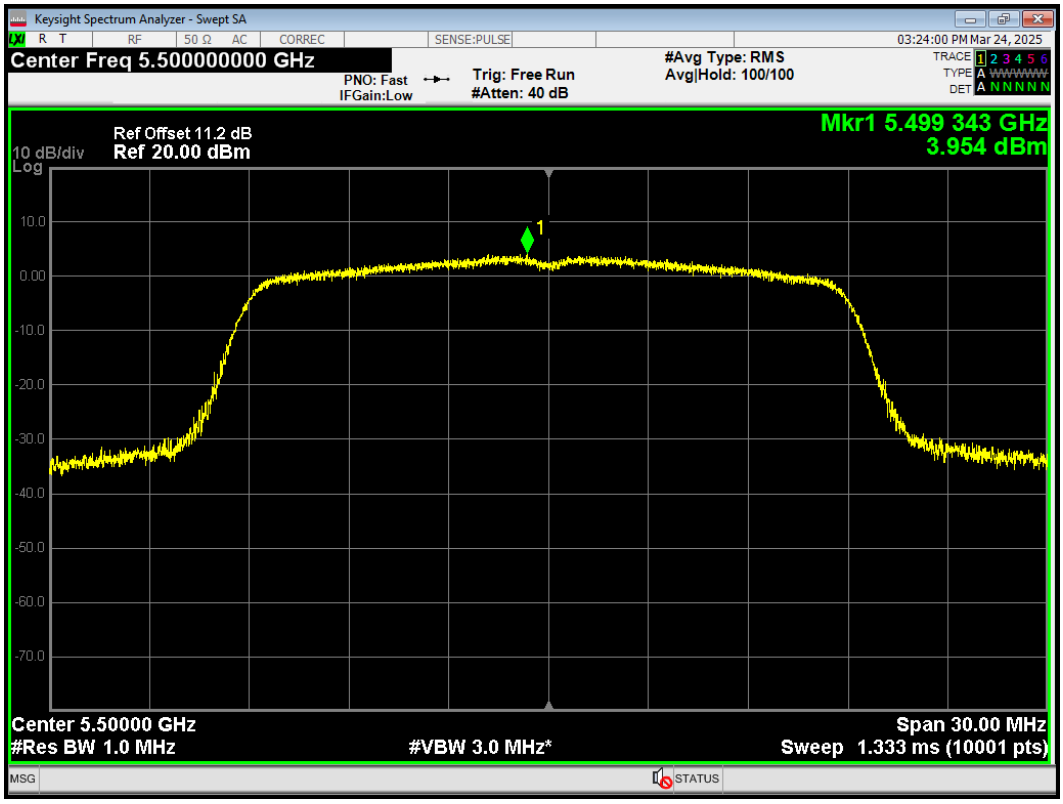
PSD 802.11a 5580MHz



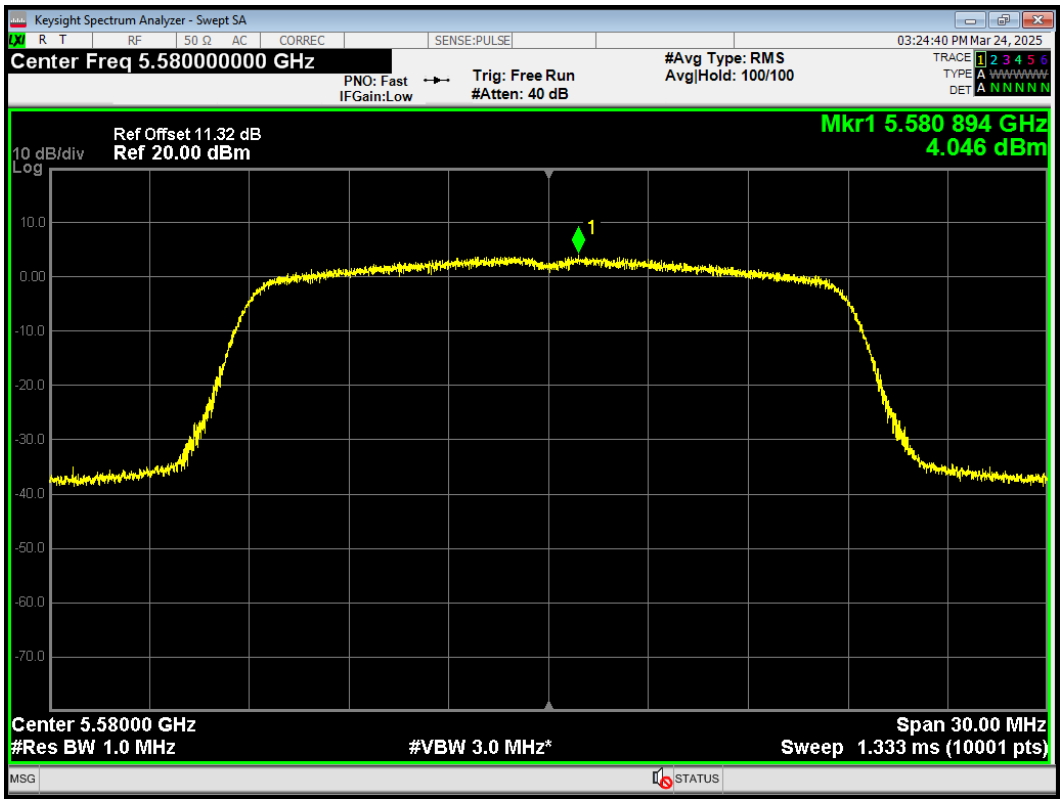
PSD 802.11a 5700MHz



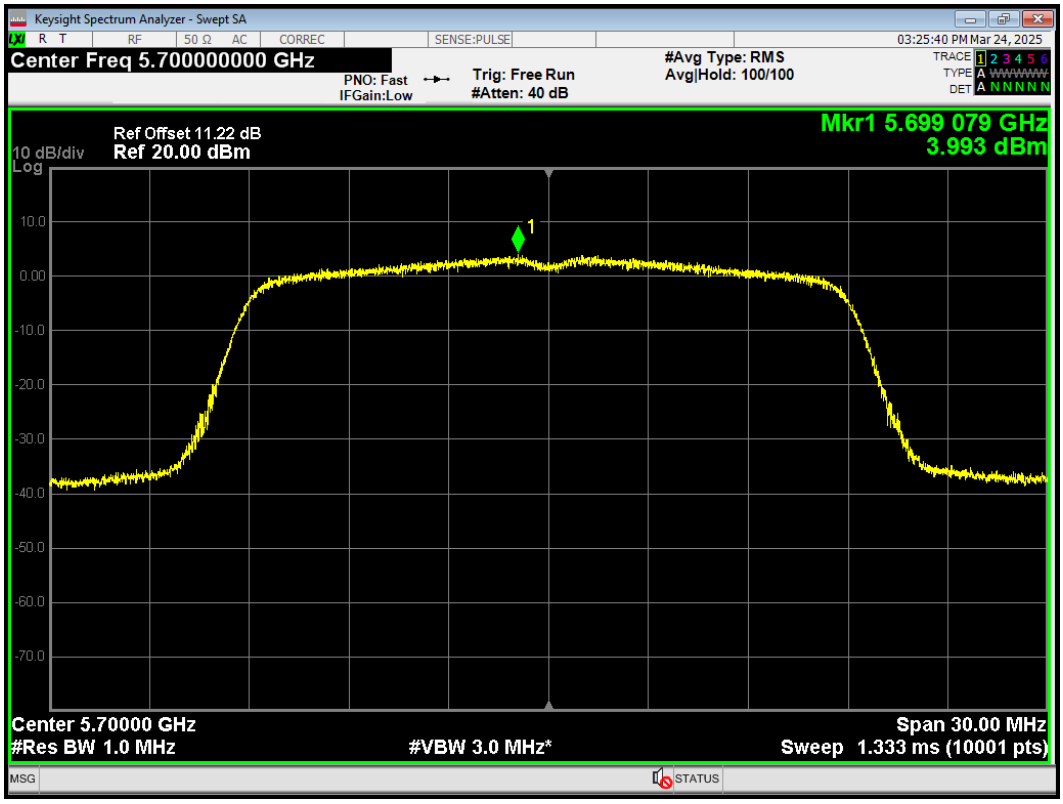
PSD 802.11ac(VHT20) 5500MHz



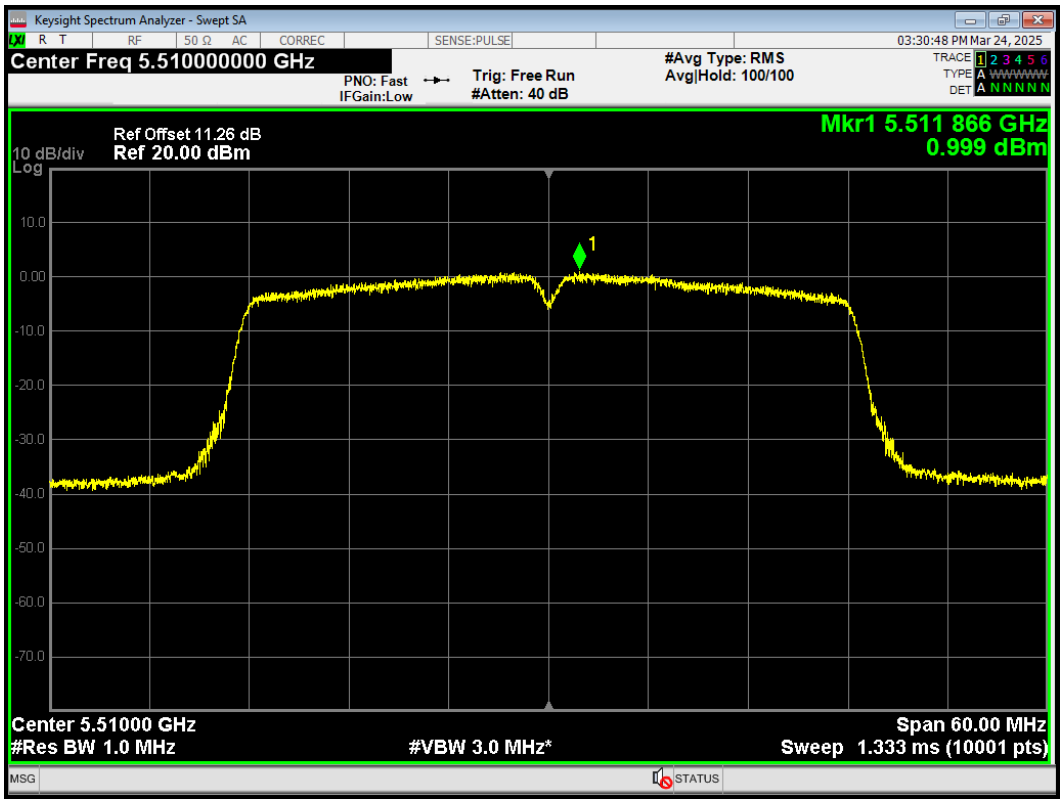
PSD 802.11ac(VHT20) 5580MHz



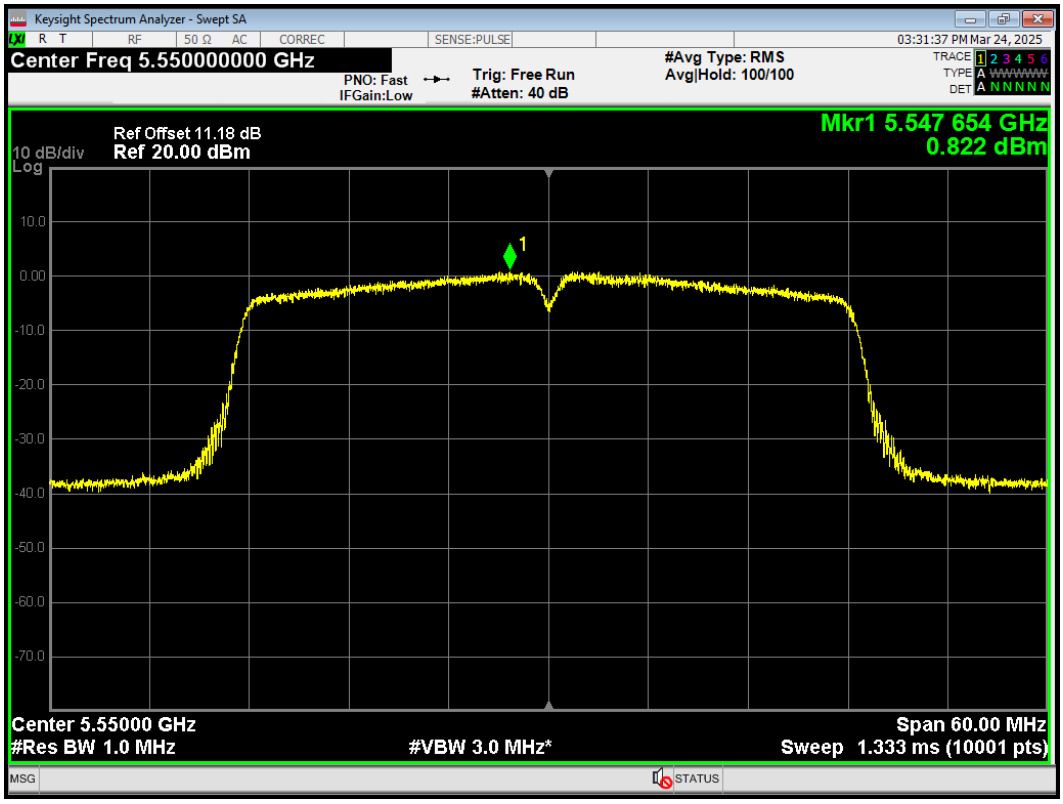
PSD 802.11ac(VHT20) 5700MHz



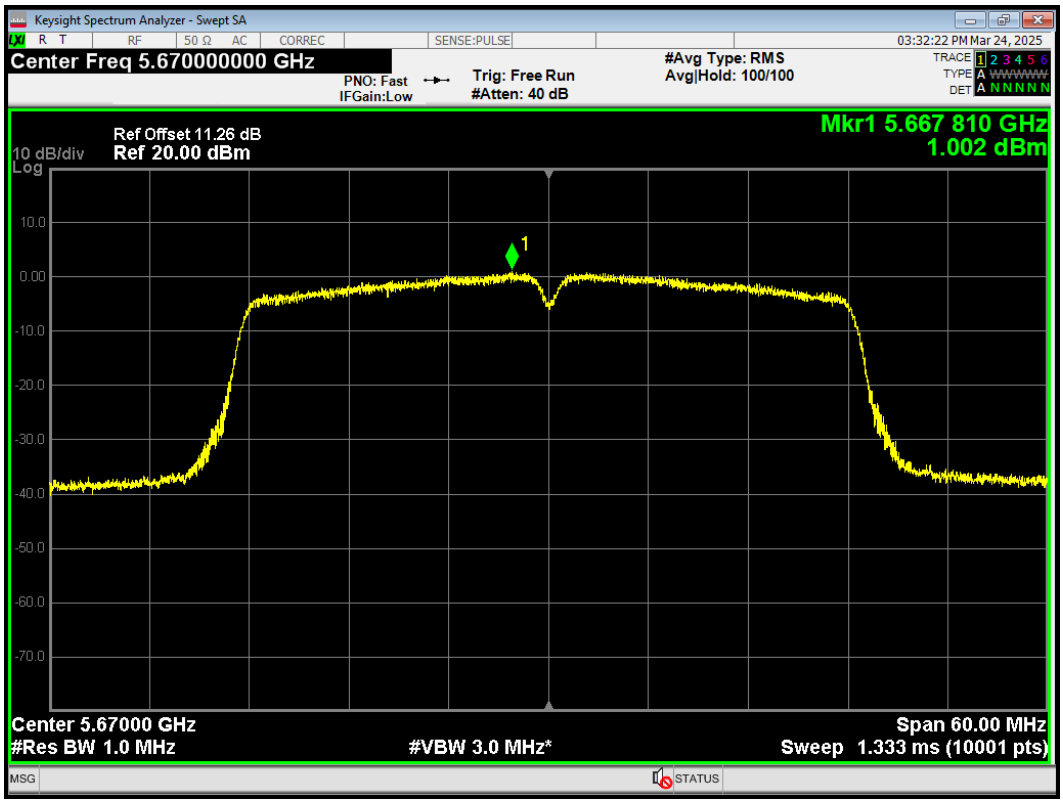
PSD 802.11ac(VHT40) 5510MHz



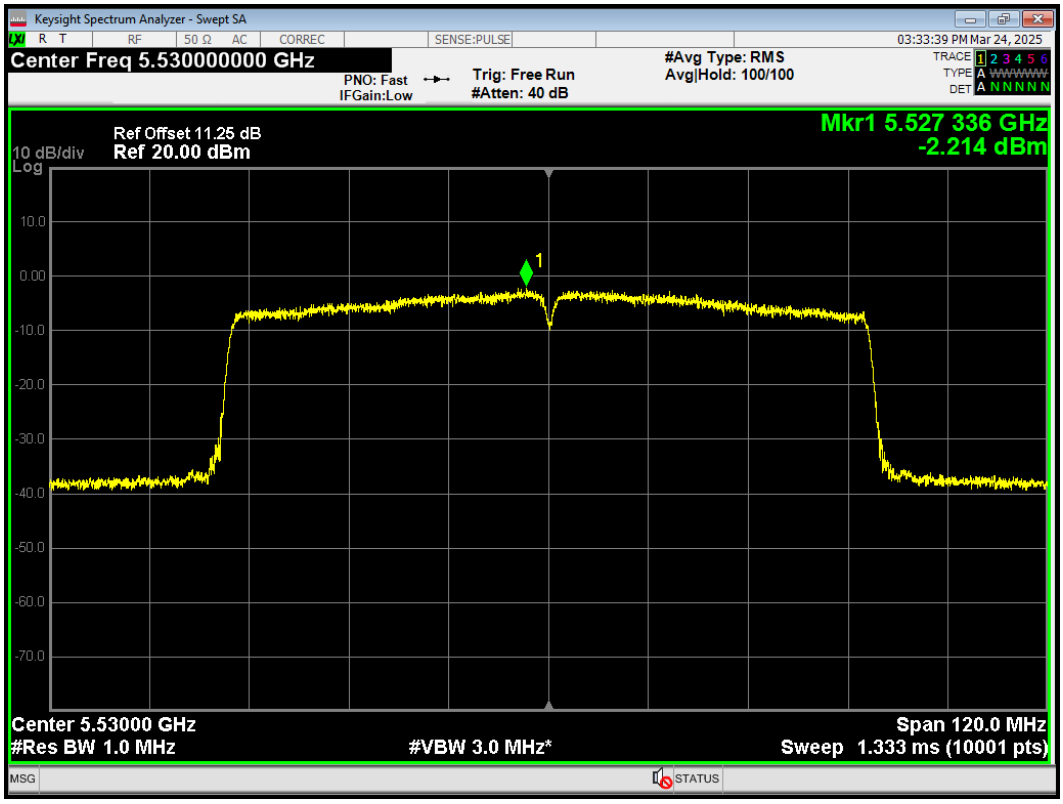
PSD 802.11ac(VHT40) 5550MHz



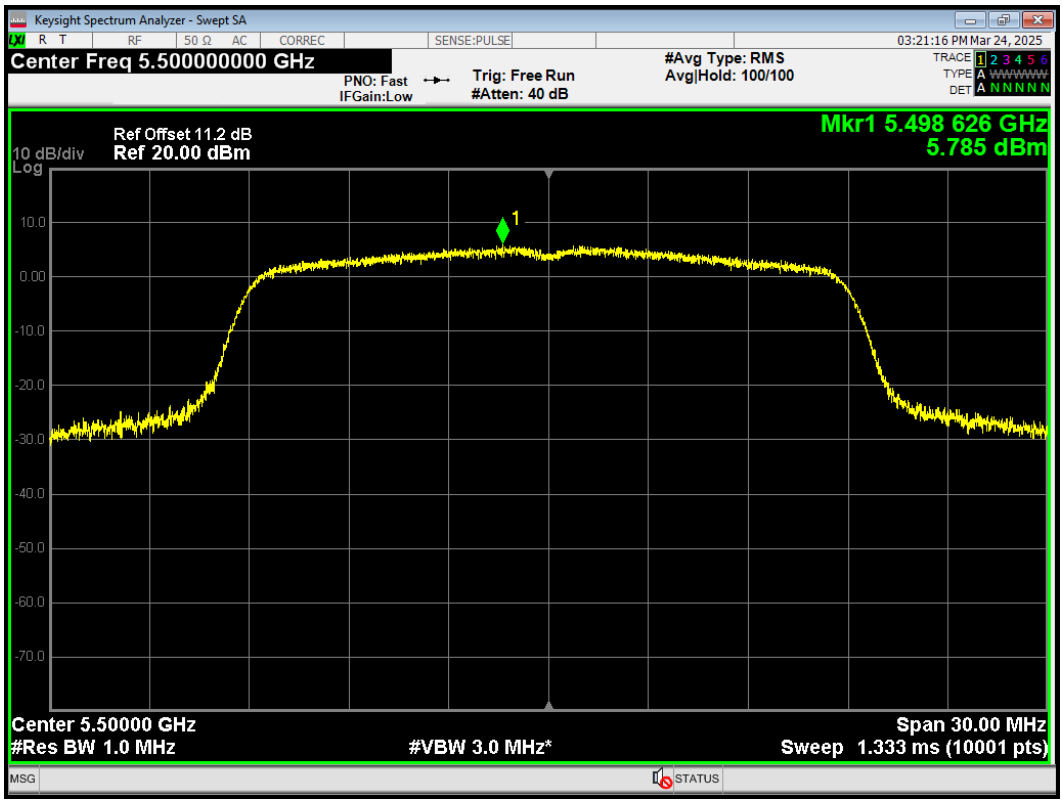
PSD 802.11ac(VHT40) 5670MHz



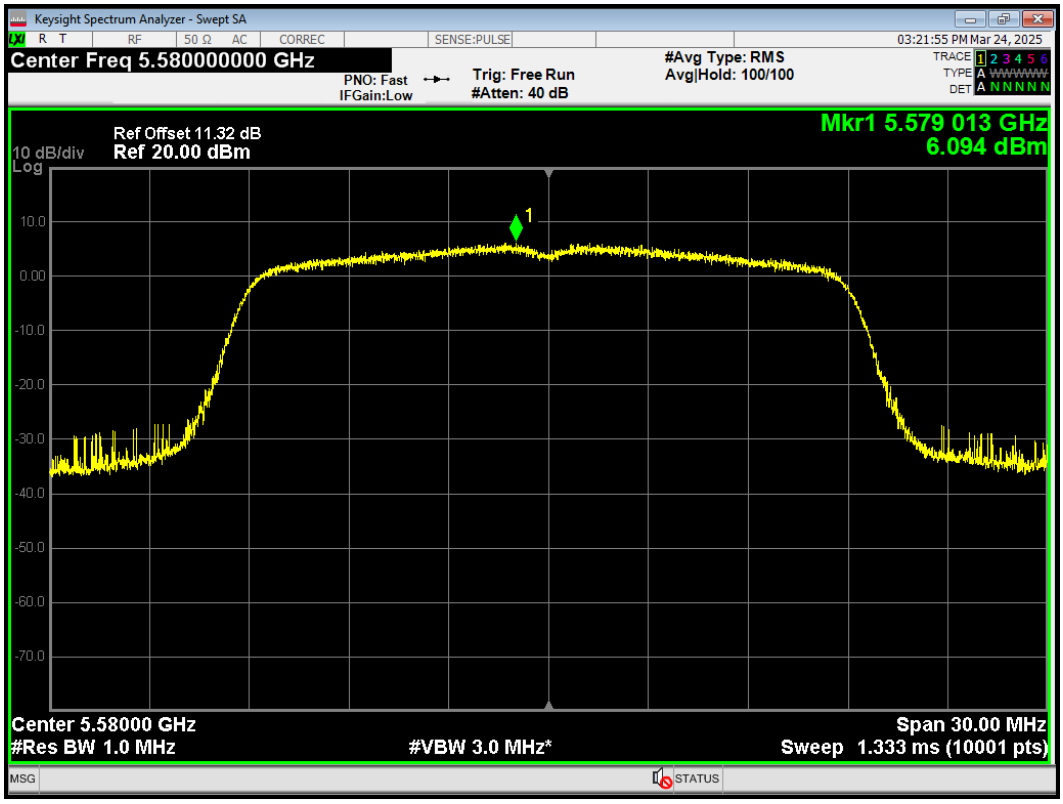
PSD 802.11ac(VHT80) 5530MHz



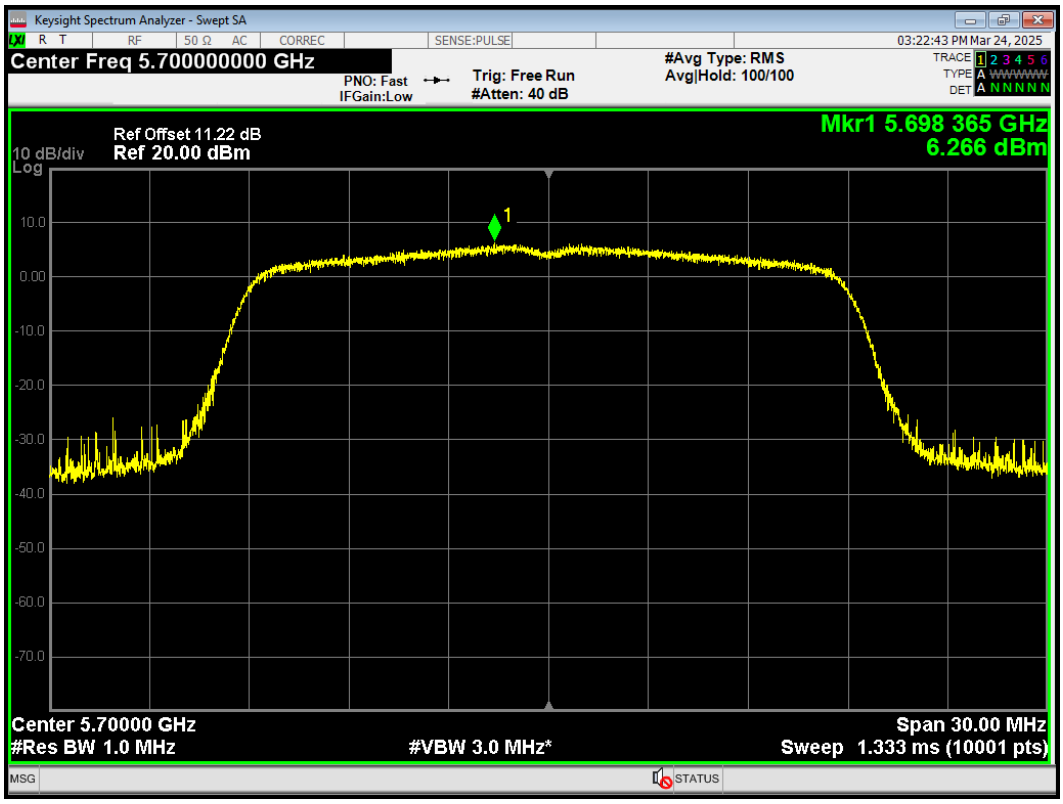
PSD 802.11n(HT20) 5500MHz



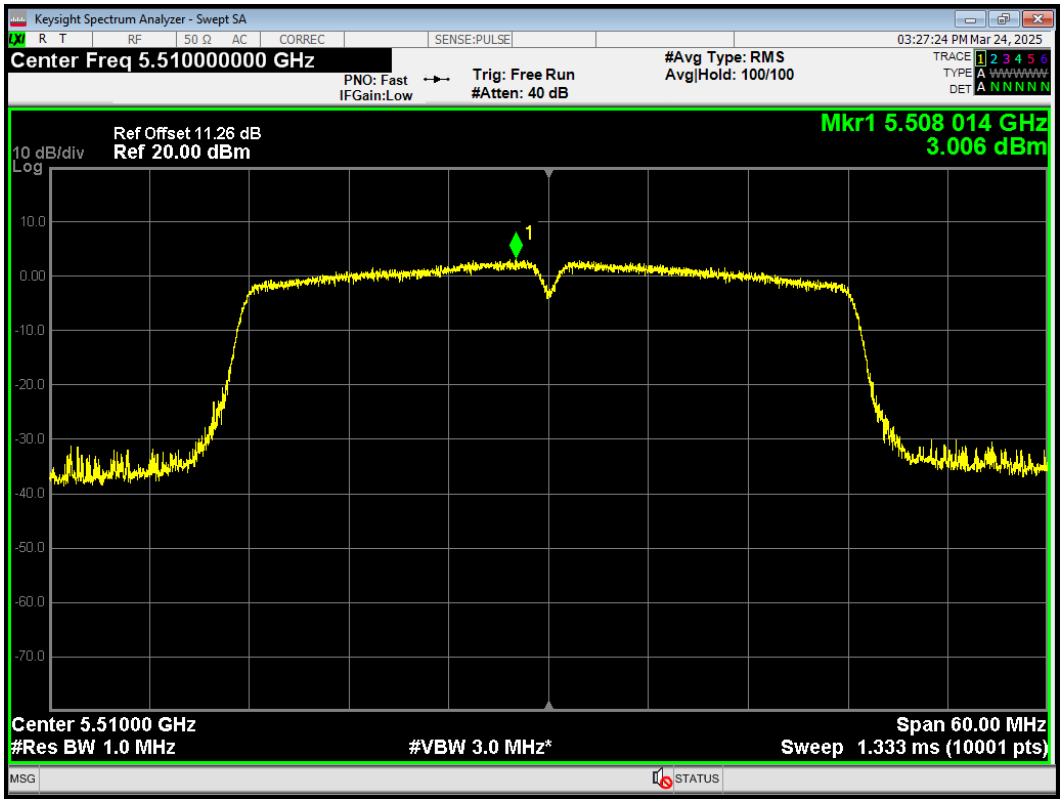
PSD 802.11n(HT20) 5580MHz



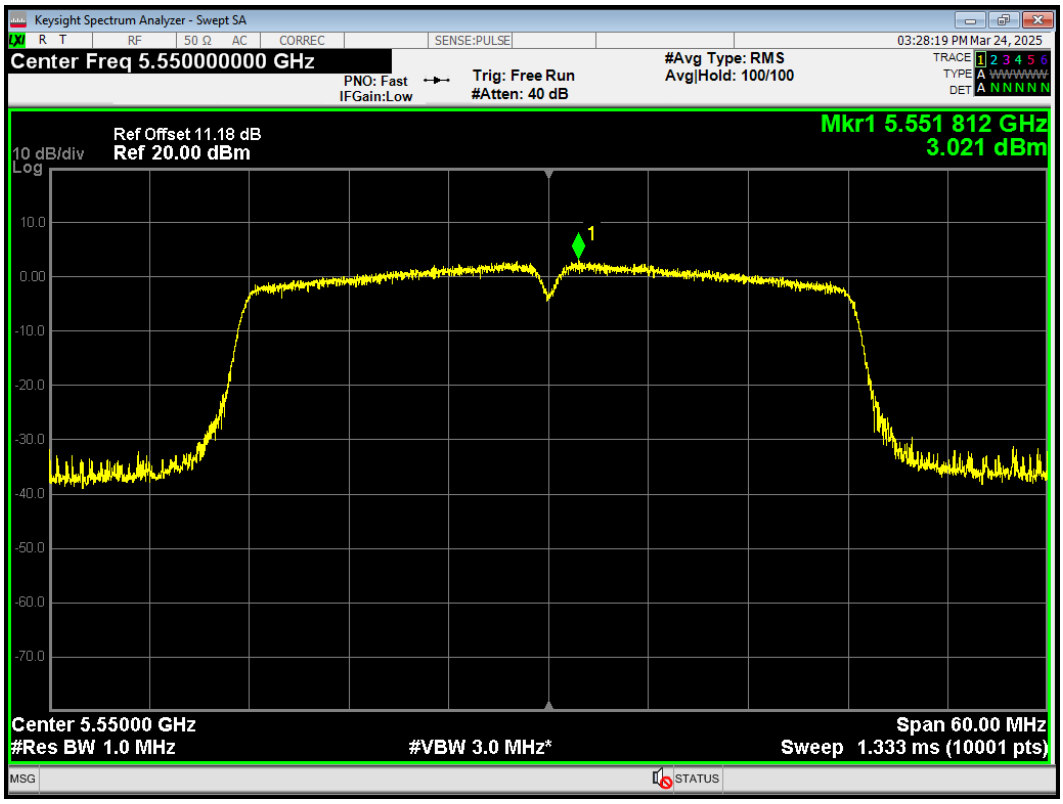
PSD 802.11n(HT20) 5700MHz



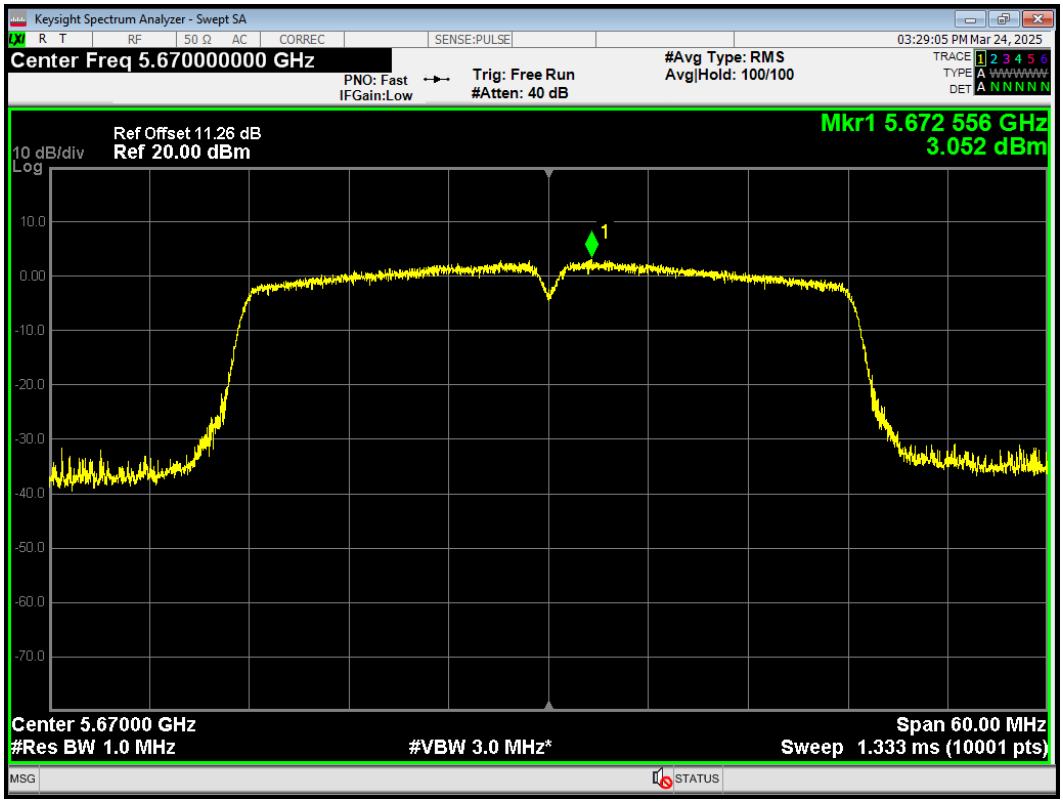
PSD 802.11n(HT40) 5510MHz



PSD 802.11n(HT40) 5550MHz

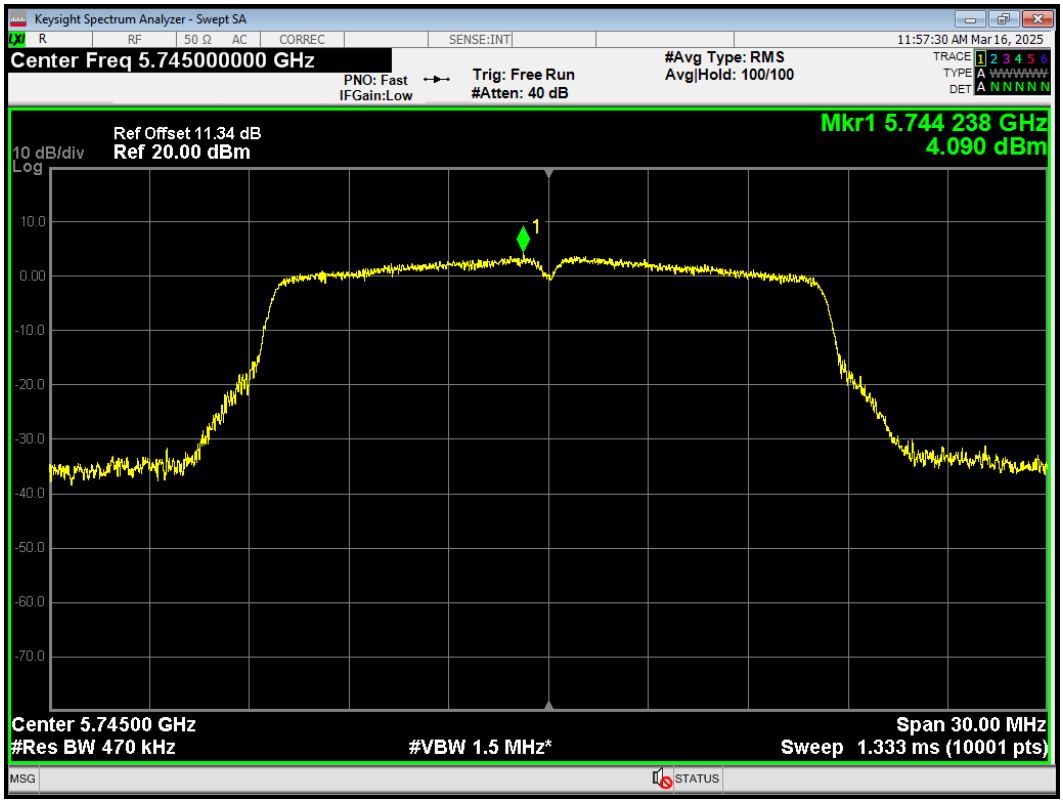


PSD 802.11n(HT40) 5670MHz

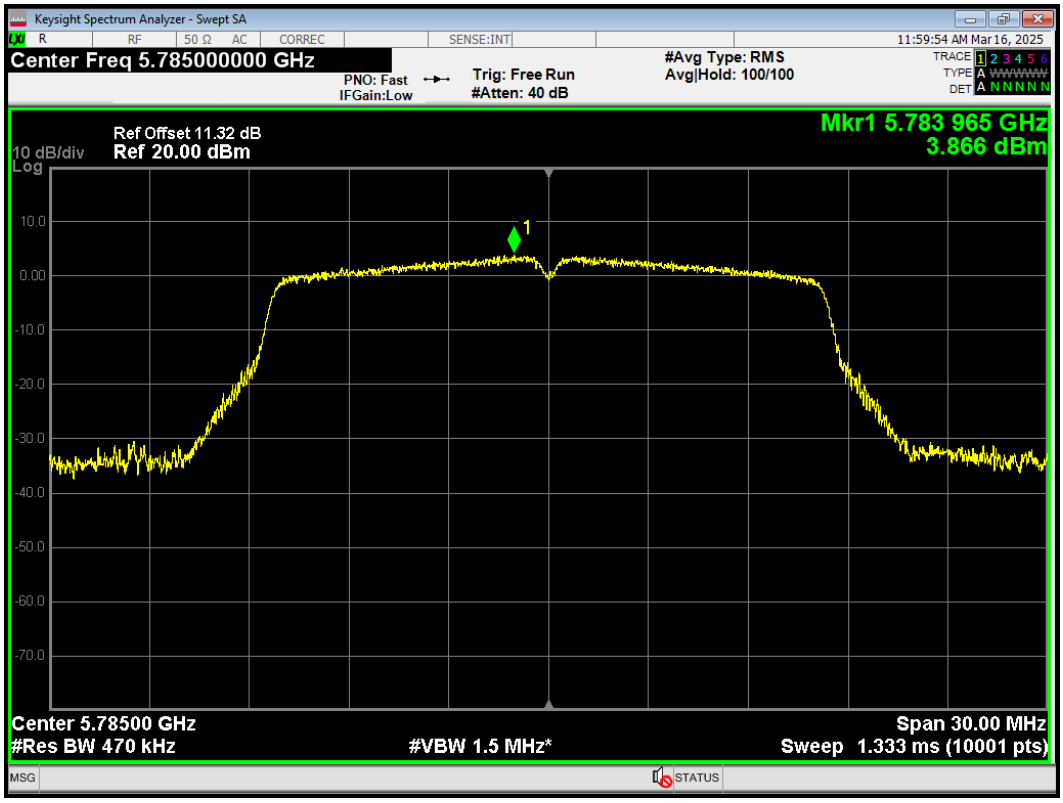


U-NII-3

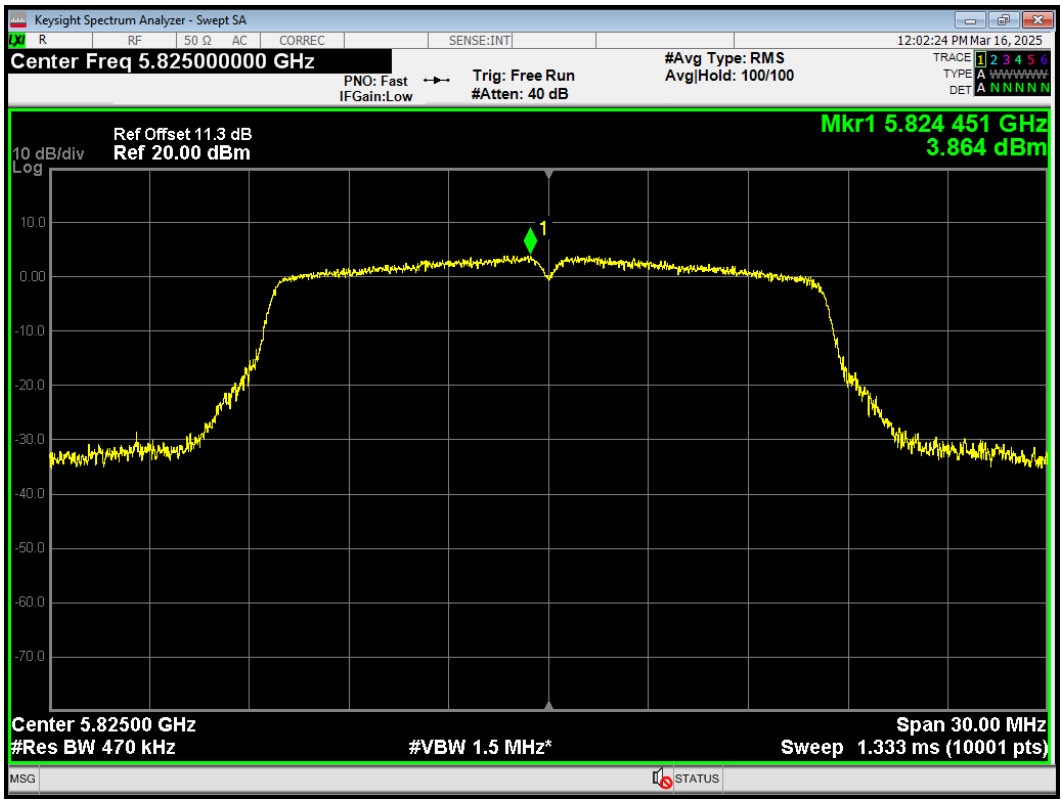
PSD 802.11a 5745MHz



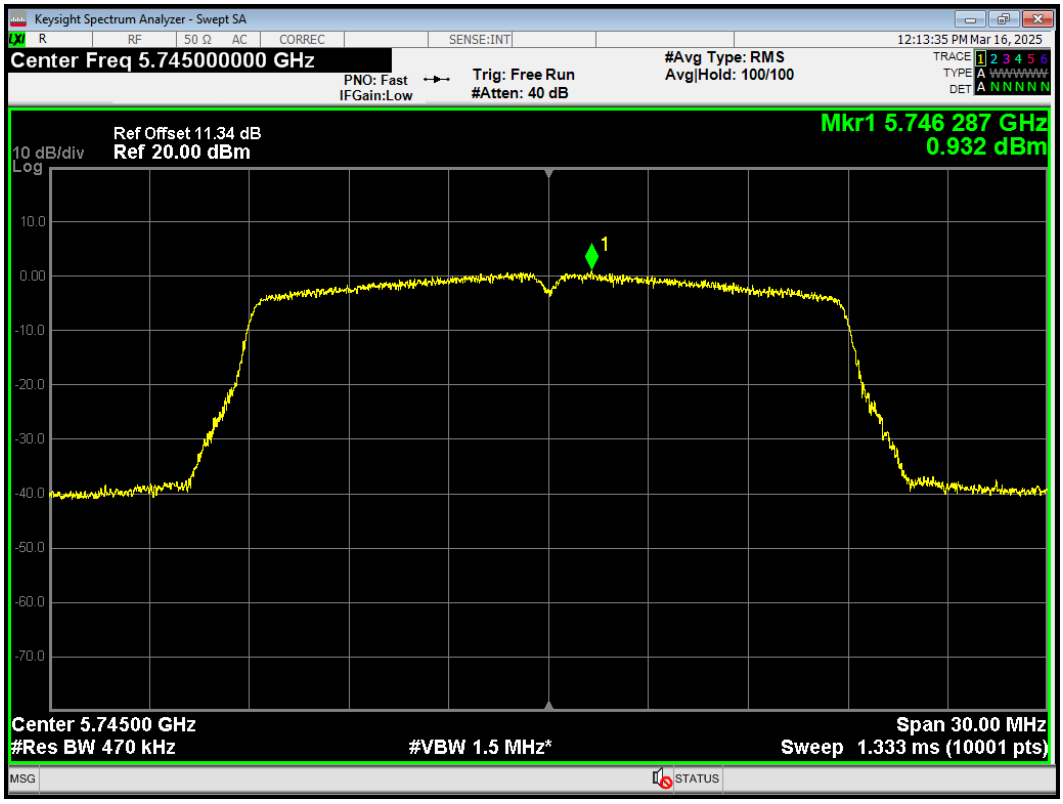
PSD 802.11a 5785MHz



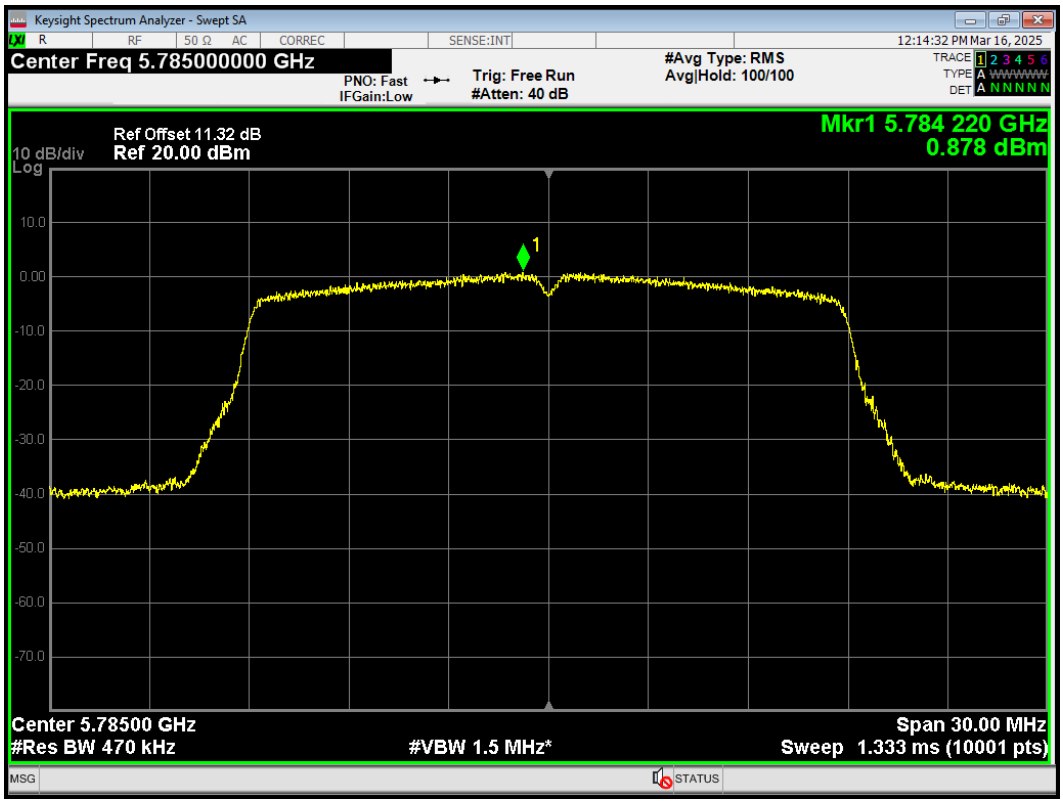
PSD 802.11a 5825MHz



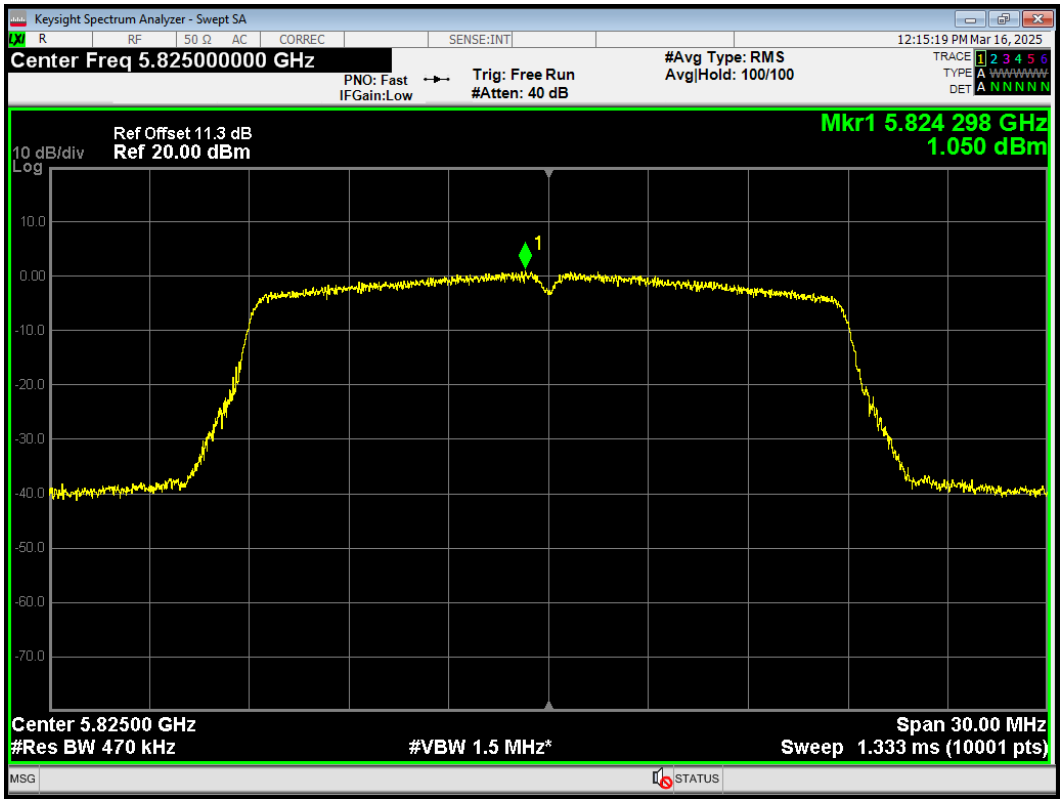
PSD 802.11ac(VHT20) 5745MHz



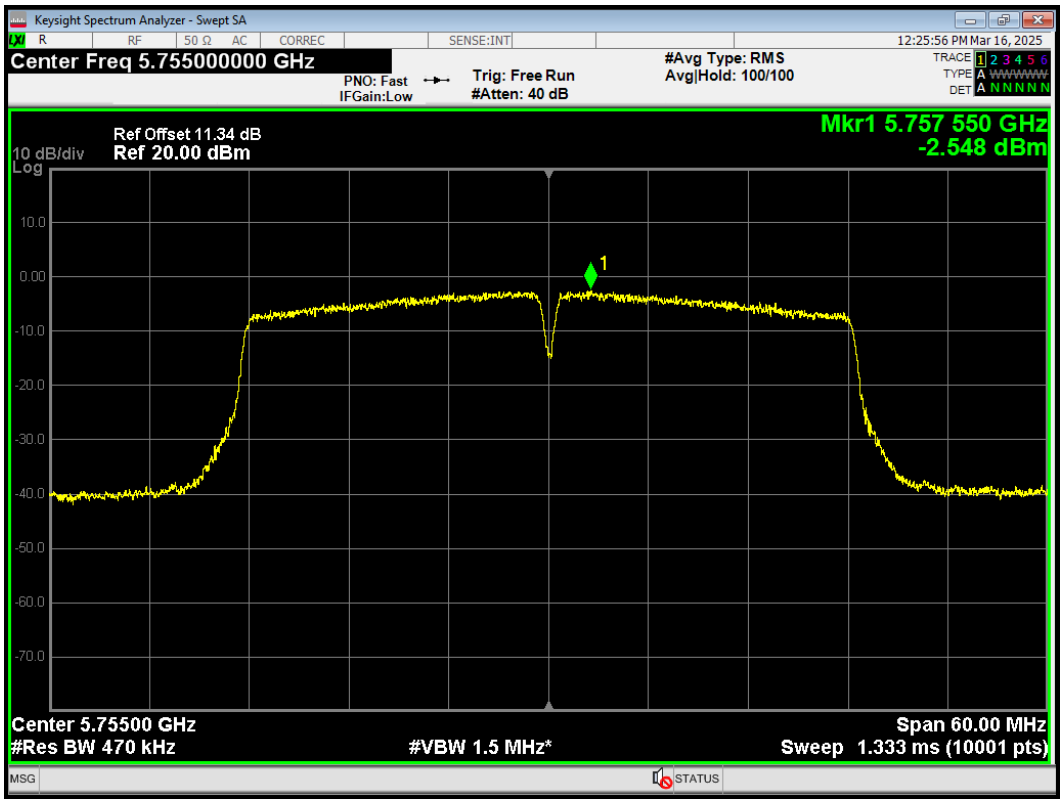
PSD 802.11ac(VHT20) 5785MHz



PSD 802.11ac(VHT20) 5825MHz



PSD 802.11ac(VHT40) 5755MHz



PSD 802.11ac(VHT40) 5795MHz