

TEST REPORT

Report No.: SHE24110067-02GE

Date: 2025-03-27

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Applicant : SKYTECH USA LLC.
Address of Applicant : INCORP SERVICES, INC. 3458 LAKESHORE DRIVE
TALLAHASSEE, FL 32312 US

Product Name : Desktop Computer
Brand Name : STGAubron & STGsivir
Model Name : ABR1924
Sample Acquisition Method : Sent by Client
Sample No. : E24110067-01#03
E24110067-01#04

FCC ID : 2BGCAABR1924

Standards : FCC CFR47 Part 15.407, Subpart E

Date of Receipt : 2024-11-21
Date of Test : 2024-11-21~ 2025-03-26
Date of Issue : 2025-03-27

Remark:

This report details the results of the testing carried out on one sample, the results contained in this report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

Prepared by:



(Erik Yang)

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Approved by:



(Authorized signatory: Echo Mu)

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1 General Information

1.1 Testing Laboratory

Company Name	ICAS Testing Technology Service (Shanghai) Co., Ltd.
Address	No.1298, Pingan Road, Minhang District, Shanghai, China
Telephone	0086 21-51682999
Fax	0086 21-54711112
Homepage	www.icasiso.com

1.2 Details of Application

Applicant Company Name	SKYTECH USA LLC.
Address	INCORP SERVICES, INC. 3458 LAKESHORE DRIVE TALLAHASSEE, FL 32312 US
Contact Person	Hu yan
Telephone	001-647-8892-868
Email	yan.hu@astsys.com
Manufacturer Company Name	SKYTECH USA LLC.
Address	INCORP SERVICES, INC. 3458 LAKESHORE DRIVE TALLAHASSEE, FL 32312 US
Factory Company Name	SKYTECH USA LLC.
Address	INCORP SERVICES, INC. 3458 LAKESHORE DRIVE TALLAHASSEE, FL 32312 US

1.3 Details of EUT

Product Name	Desktop Computer
Brand Name	STGAubron & STGsivir
Test Model Name	ABR1924
FCC ID	2BGCAABR1924
Mode of Operation	WIFI 802.11a/n(HT20/40)/ac(VHT20/40/80)/ax(HE20/40/80)
Operating Frequency Range	U-NII-1:5180MHz~5240MHz; U-NII-3: 5745MHz ~ 5825MHz
Modulation Type	802.11a: OFDM /64-QAM,16-QAM, QPSK, BPSK 802.11n: OFDM /64-QAM,16-QAM, QPSK, BPSK 802.11ac: OFDM /256-QAM/64-QAM,16-QAM, QPSK, BPSK 802.11ax: OFDMA /1024-QAM/256-QAM/64-QAM,16-QAM,QPSK, BPSK
Number of Channels	14
Channel Bandwidth	802.11a: 20MHz 802.11n: 20MHz, 40MHz 802.11ac: 20MHz, 40MHz, 80MHz 802.11ax: 20MHz, 40MHz, 80MHz

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Antenna Type	Internal Antenna
Antenna Gain	U-NII-1: -0.78dBi U-NII-3: 2.19dBi
Extreme Temperature Range	0°C~ +70°C
Test Voltage	AC 100-240V 50/60Hz
Extreme Voltage	Low Voltage: AC 100V High Voltage: AC 240V
Product Type	Mobile for FCC standard
Hardware Version	H311M-K PLUS
Software Version	5.12
RF power setting in TEST SW	802.11a(U-NII-1): AX Series MP Toolkit Version mp_v1.0.39_Power level setting_16dBm 802.11n/ac/ax(U-NII-1): AX Series MP Toolkit Version mp_v1.0.39_Power level setting_14.5dBm 802.11a(U-NII-3): AX Series MP Toolkit Version mp_v1.0.39_Power level setting_16dBm 802.11n/ac/ax(U-NII-3): AX Series MP Toolkit Version mp_v1.0.39_Power level setting_16dBm

Note:

1. The above information was declared by the manufacture.
2. For more details, please refer to the User's manual of the EUT.
3. There are two antenna positions in the test sample, and the test data of both antenna positions meet the requirements.
4. IEEE 802.11ax Only support Full RU.
5. For U-NII-1: Directional gain = $GANT + 10 \log(NANT) = 2.23 < 6\text{dBi}$.
For U-NII-3: Directional gain = $GANT + 10 \log(NANT) = 5.20 < 6\text{dBi}$.

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Channel List

Frequency Band	Channel Number	Frequency
5150 MHz ~ 5250MHz	36	5180 MHz
	38	5190 MHz
	40	5200 MHz
	42	5210 MHz
	44	5220 MHz
	46	5230 MHz
	48	5240 MHz
5725 MHz ~ 5850MHz	149	5745 MHz
	151	5755 MHz
	153	5765 MHz
	155	5775 MHz
	157	5785 MHz
	159	5795 MHz
	165	5825 MHz

1.4 Test Methodology

47 CFR Part 15, Subpart E	Subpart E—Unlicensed National Information Infrastructure Devices
KDB Publication 789033 D02 v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
KDB Publication 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

Note(s):

All test items were verified and recorded according to the standards and without any addition/deviation/exclusion during the test

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1.5 Test Summary

Test Item	FCC Rules	Result
Antenna Requirement	FCC Part 15.407(a), 15.203	PASS
Maximum Conducted Output Power	FCC Part 15.407(a)	PASS
26dB Bandwidth and 99% Bandwidth	FCC Part 15.407(a)	PASS
6dB Bandwidth	FCC Part 15.407(e)	PASS
Maximum Conducted Output Power Spectral Density	FCC Part 15.407(a)	PASS
Conducted Spurious Emission	FCC Part 15.407(b), 15.209	PASS
Radiated Emission	FCC Part 15.407(b), 15.209, 15.205	PASS
Band Edge (Restricted-band band-edge)	FCC Part 15.407(b), 15.205, 15.209	PASS
Frequency Stability	FCC Part 15.407(g)	PASS
Conducted Emission on AC Mains	FCC Part 15.207(a)	PASS

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2 Test Condition

2.1 Environmental conditions

Temperature (°C)	15-35
Humidity (%RH)	30-60
Barometric Pressure (mbar)	860-1060

Note: Actual values will be recorded during the test.

2.2 Equipment List

Name of Equipment	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	Keysight	N9020A	MY54101709	2024-06-26	2025-06-25
Spectrum Analyzer	Rohde & Schwarz	FSV40N	101450	2024-06-04	2025-06-03
Signal Generator	Rohde & Schwarz	SMR27	100184	2024-06-26	2025-06-25
EMI Test Receiver	Rohde & Schwarz	ESPI3	100173	2024-06-05	2025-06-04
EMI Test Receiver	Rohde & Schwarz	ESR 7	101911	2024-06-04	2025-06-03
V-network	SCHWARZBECK	NSLK 8127	8127-902	2024-06-05	2025-06-04
Attenuator	SCHWARZBECK	VTSD 9561-FN	/	2024-06-05	2025-06-04
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2023-03-22	2025-03-21
Broadband Antenna	SCHWARZBECK	VULB9163	9163-1037	2025-03-21	2027-03-20
Horn Antenna-18G	SCHWARZBECK	BBHA9120D	9120D-1775	2023-06-13	2025-06-12
Loop Antenna	SCHWARZBECK	FMZB 1513	/	2023-06-09	2025-06-08
Horn Antenna-40G	YINGLIAN	LB-180400-KF	N/A	2023-06-18	2025-06-17
Broadband Preamplifier	SCHWARZBECK	BBV 9718	346	2024-06-04	2025-06-03
Temperature Box	ESPEC	ECT-2	055239A	2023-11-09	2025-11-08
EMC chamber 9*6*6(L*W*H)	CHANGNING	966	N/A	2023-06-09	2025-06-08
Shielded Enclosure 8*5*4(L*W*H)	CHANGNING	854	N/A	2023-06-09	2025-06-08
Test Software	BL	BL410_E	Version:2.1.1.436	N/A	N/A
Test Software	BL	BL410_R	Version:2.1.1.409	N/A	N/A

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2.3 Measurement Uncertainty

The uncertainty is calculated using the methods suggested in the “Guide to the Expression of Uncertainty in measurement” (GUM) published by CISPR and ANSI. The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95.45%.

Parameter		Uncertainty
Antenna Port Conducted Emission		$\pm 1.04\text{dB}$
Radiated Emission	< 1GHz	$\pm 5.00\text{dB}$
	> 1GHz	$\pm 5.46\text{dB}$
Conducted Emission on AC Mains	150KHz-30MHz	$\pm 3.36\text{dB}$
Occupied Channel Bandwidth		$\pm 39.26\text{KHz}$
Maximum Conducted Output Power		$\pm 1.06\text{dB}$
Maximum Conducted Output Power Spectral Density		$\pm 1.12\text{dB}$
Frequency Stability		$\pm 0.38\text{ppm}$

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3 Test Set-up and Operation Modes

3.1 Details of Test Mode

Using test software was control EUT work in continuous transmitter and receiver mode. Select test channel as below:

For 802.11a/n(20M), 802.11ac/ax(20M)

U-NII-1 (5150 – 5250 MHz)		U-NII-3 (5725 – 5850 MHz)	
Channel	Frequency	Channel	Frequency
The lowest channel(CH36)	5180MHz	The lowest channel(CH149)	5745MHz
The middle channel(CH44)	5220MHz	The middle channel(CH157)	5785MHz
The highest channel(CH48)	5240MHz	The highest channel(CH165)	5825MHz

For 802.11n(40M), 802.11ac/ax(40M)

U-NII-1 (5150 – 5250 MHz)		U-NII-3 (5725 – 5850 MHz)	
Channel	Frequency	Channel	Frequency
The lowest channel(CH38)	5190MHz	The lowest channel(CH151)	5755MHz
The highest channel(CH46)	5230MHz	The highest channel(CH159)	5795MHz

For 802.11ac/ax(80M)

U-NII-1 (5150 – 5250 MHz)		U-NII-3 (5725 – 5850 MHz)	
Channel	Frequency	Channel	Frequency
The lowest channel(CH42)	5210MHz	The lowest channel(CH155)	5775MHz

Through Pre-scan under all rate at lowest channel, the data rate as below table described is the worst case, so we choose these data rate for test.

Type	Data rate
802.11a	6Mbps
802.11n(HT20), 802.11ac(VHT20)	MCS0
802.11n(HT40), 802.11ac(VHT40)	MCS0
802.11ax(HE20),802.11ax(HE40)	MCS3
802.11ac(VHT80)	MCS0
802.11ax(HE80)	MCS5

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The basic operation modes are:

- A. On
 - 1. WLAN mode
 - a. Transmitting
 - b. Receiving
- B. Standby
- C. Off

3.2 Special Accessories and Auxiliary Equipment

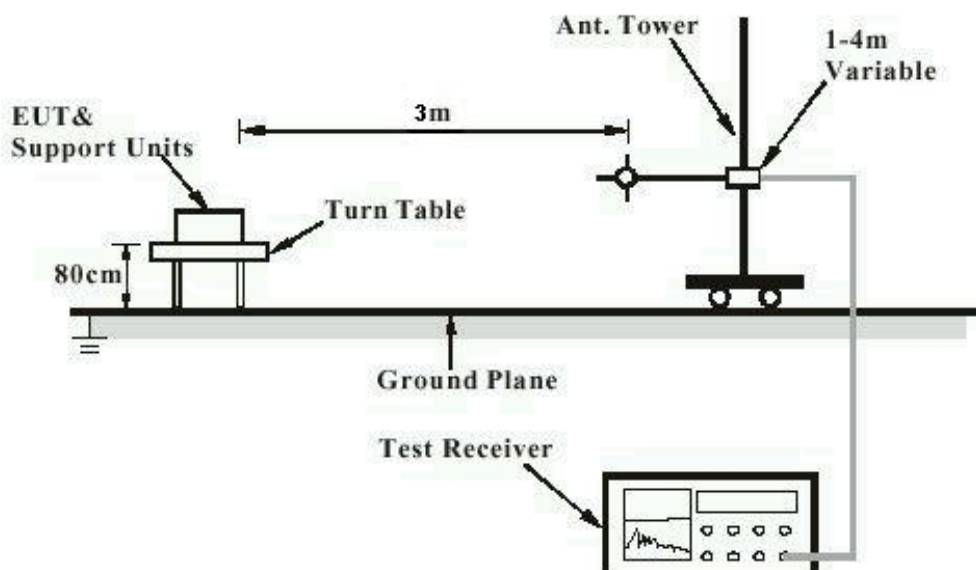
Description	Manufacturer	Model Name	Serial No.
Display	MengXian	QL240GF4	020230112455
Mouse	Dell	MS116t1	CN-065K5F-LO300-248-0VP2
Keyboard	Dell	KB216P	CN-0M4W71-73826-6C801SQ-A02
HDMI Cable	Shengwei	HEC	1m Unshielded

3.3 Support Software

Description	Manufacturer	Software Name
Software	N/A	AX Series MP Toolkit Version mp_v1.0.39

3.4 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test



Note: Measurements above 1GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

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Diagram of Measurement Configuration for Conduction Test

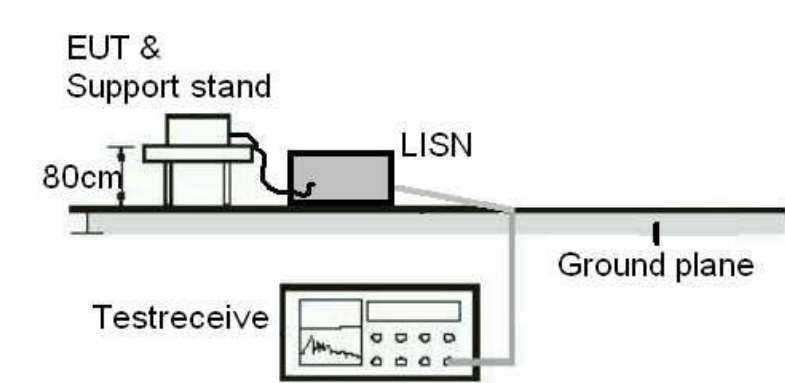
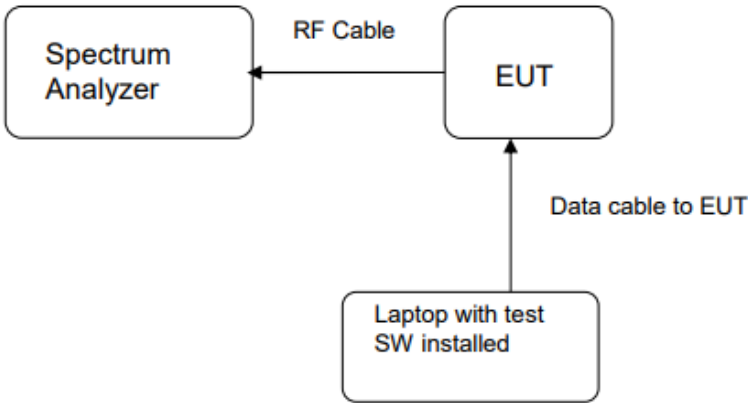


Diagram of Measurement Configuration for Transmitter Test



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4 Test Results

4.1 Transmitter Requirement & Test Suites

4.1.1 Antenna Requirement

RESULT: **PASS**

Test standard	: FCC Part 15.407(a), 15.203
Requirement	: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. In addition, If transmitting antennas of directional gain greater than 6dBi 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 6dBi.

According to the manufacturer declaration, the EUT has an antenna with a directional gain of 5.20dBi. The antenna is an internal antenna with no possibility of replacement with a non-approved antenna by the end-user.

Therefore, the EUT is considered to comply with this provision.

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4.1.2 Maximum Conducted Output Power

RESULT:

PASS

Test standard : FCC Part 15.407(a)
Requirement : ANSI C63.10-2013 clause 12.3.3.1, KDB 789033
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 19.9°C
Relative humidity : 44%

Table 1: Maximum Conducted Output Power for U-NII-1 (5150 – 5250 MHz)

Test Mode	Duty Cycle (%)	Test Channel (MHz)	Maximum Conducted Output Power						Applicable Limit
			Chain 1		Chain 2		Total Power		
			(dBm)	(mW)	(dBm)	(mW)	(dBm)	(mW)	
802.11a	100	5180	12.39	17.338	12.84	19.231	N/A	N/A	250mW (23.98dBm)
		5220	11.96	15.704	12.17	16.482	N/A	N/A	
		5240	11.83	15.241	11.84	15.276	N/A	N/A	
802.11n(HT20)	100	5180	10.36	10.864	10.94	12.417	13.67	23.281	
		5220	9.60	9.120	10.05	10.116	12.84	19.236	
		5240	9.33	8.570	9.64	9.204	12.50	17.774	
802.11ac(VHT20)	100	5180	10.35	10.839	10.92	12.359	13.65	23.198	
		5220	9.57	9.057	10.01	10.023	12.81	19.079	
		5240	9.16	8.241	9.72	9.376	12.46	17.617	
802.11ax(HE20)	100	5180	10.43	11.041	11.18	13.122	13.83	24.163	
		5220	9.68	9.290	10.37	10.889	13.05	20.179	
		5240	9.36	8.630	10.04	10.093	12.72	18.723	
802.11n(HT40)	100	5190	11.47	14.028	11.65	14.622	14.57	28.650	
		5230	10.95	12.445	10.94	12.417	13.96	24.862	
802.11ac(VHT40)	100	5190	11.52	14.191	11.69	14.757	14.62	28.948	
		5230	10.83	12.106	10.88	12.246	13.87	24.352	
802.11ax(HE40)	100	5190	11.88	15.417	11.95	15.668	14.93	31.085	
		5230	11.29	13.459	11.34	13.614	14.33	27.073	
802.11ac(VHT80)	100	5210	11.18	13.122	11.25	13.335	14.23	26.457	
802.11ax(HE80)	100	5210	11.80	15.136	11.82	15.205	14.82	30.341	

Notes:

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1. 802.11a support SISO and 802.11n/ac/ax support MIMO.
2. Add $[10 \log (1 / D)]$, where D is the duty cycle, to the measured power to compute the average power during the actual transmission times.

Table 2: Maximum Conducted Output Power for U-NII-3 (5725 – 5850 MHz)

Test Mode	Duty Cycle (%)	Test Channel (MHz)	Maximum Conducted Output Power						Applicable Limit
			Chain 1		Chain 2		Total Power		
			(dBm)	(mW)	(dBm)	(mW)	(dBm)	(mW)	
802.11a	100	5745	13.53	22.542	13.70	23.442	N/A	N/A	1W(30dBm)
		5785	12.50	17.783	12.72	18.707	N/A	N/A	
		5825	11.80	15.136	11.77	15.031	N/A	N/A	
802.11n(HT20)	100	5745	13.30	21.380	13.65	23.174	16.49	44.554	
		5785	12.50	17.783	12.84	19.231	15.68	37.014	
		5825	11.64	14.588	11.71	14.825	14.69	29.413	
802.11ac(VHT20)	100	5745	13.32	21.478	13.61	22.961	16.48	44.439	
		5785	12.58	18.113	12.94	19.679	15.77	37.792	
		5825	11.65	14.622	11.85	15.311	14.76	29.933	
802.11ax(HE20)	100	5745	13.32	21.478	13.67	23.281	16.51	44.759	
		5785	12.44	17.539	12.73	18.750	15.60	36.289	
		5825	11.55	14.289	11.69	14.757	14.63	29.046	
802.11n(HT40)	100	5755	13.04	20.137	13.30	21.380	16.18	41.517	
		5795	12.17	16.482	12.43	17.498	15.31	33.980	
802.11ac(VHT40)	100	5755	12.90	19.498	13.31	21.429	16.12	40.927	
		5795	12.01	15.885	12.53	17.906	15.29	33.791	
802.11ax(HE40)	100	5755	13.16	20.701	13.39	21.827	16.29	42.528	
		5795	12.24	16.749	12.53	17.906	15.40	34.655	
802.11ac(VHT80)	100	5775	12.25	16.788	12.79	19.011	15.54	35.799	
802.11ax(HE80)	100	5775	12.65	18.408	12.85	19.275	15.76	37.683	

Notes:

1. 802.11a support SISO and 802.11n/ac/ax support MIMO.
2. Add $[10 \log (1 / D)]$, where D is the duty cycle, to the measured power to compute the average power during the actual transmission times

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4.1.3 26dB Bandwidth and 99% Bandwidth

RESULT:

PASS

Test standard : FCC Part 15.407(a)
Requirement : ANSI C63.10-2013 clause 12.4, KDB 789033
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 19.9°C
Relative humidity : 44%

Table 3: 26dB Bandwidth and 99% Bandwidth for U-NII-1 (5150 – 5250 MHz)

Test Mode	Test Channel (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
802.11a	5180	18.46	16.345
	5220	18.48	16.336
	5240	18.46	16.338
802.11n(HT20)	5180	19.46	17.538
	5220	19.52	17.539
	5240	19.31	17.542
802.11ac(VHT20)	5180	19.38	17.515
	5220	19.49	17.530
	5240	19.44	17.543
802.11ax(HE20)	5180	20.37	18.913
	5220	20.39	18.906
	5240	20.42	18.901
802.11n(HT40)	5190	38.66	35.943
	5230	38.71	35.955
802.11ac(VHT40)	5190	38.64	35.918
	5230	38.68	35.929
802.11ax(HE40)	5190	39.90	37.691
	5230	40.03	37.669
802.11ac(VHT80)	5210	84.43	75.953
802.11ax(HE80)	5210	84.22	75.839

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Figure 1: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11a, 5180MHz

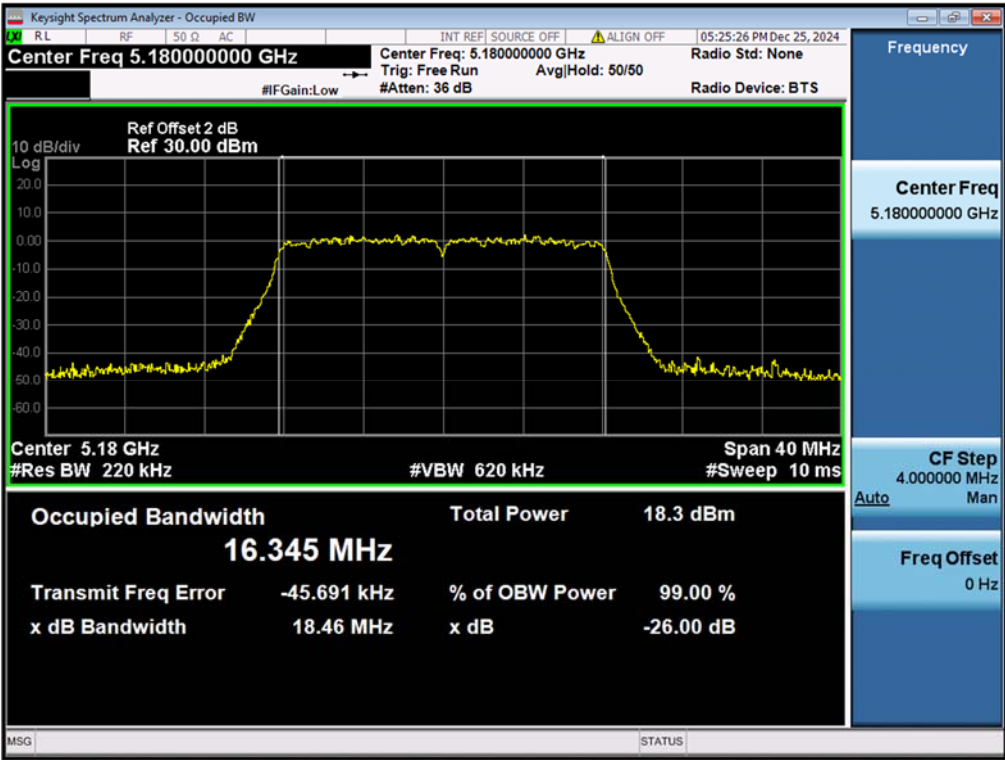
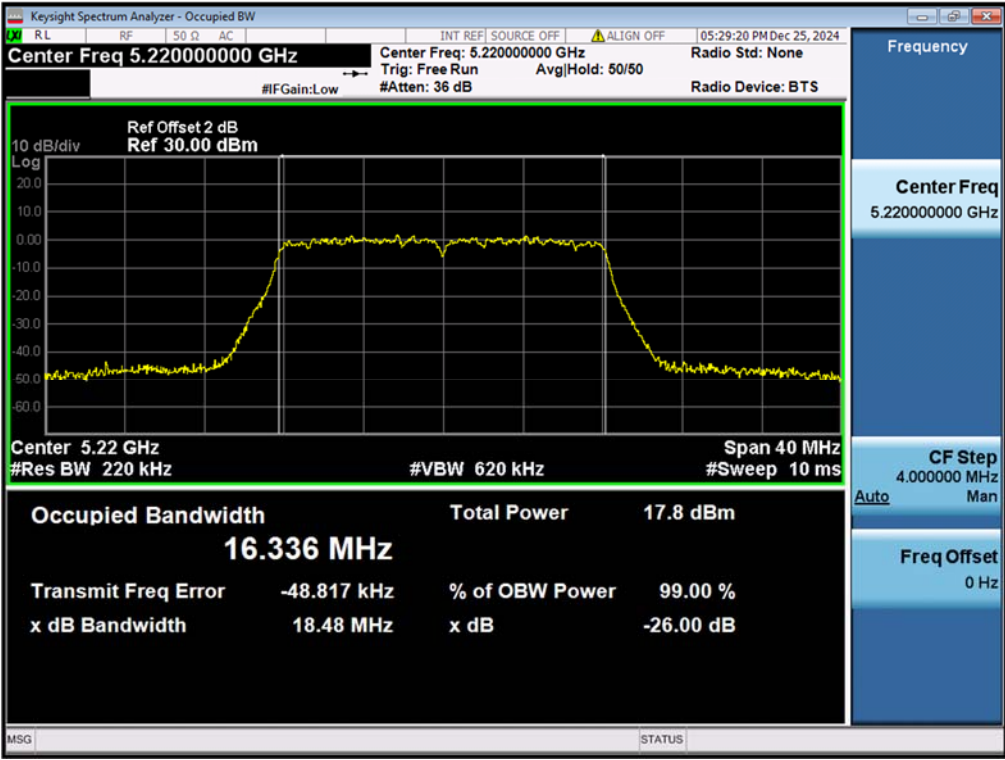


Figure 2: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11a, 5220MHz



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Figure 3: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11a, 5240MHz

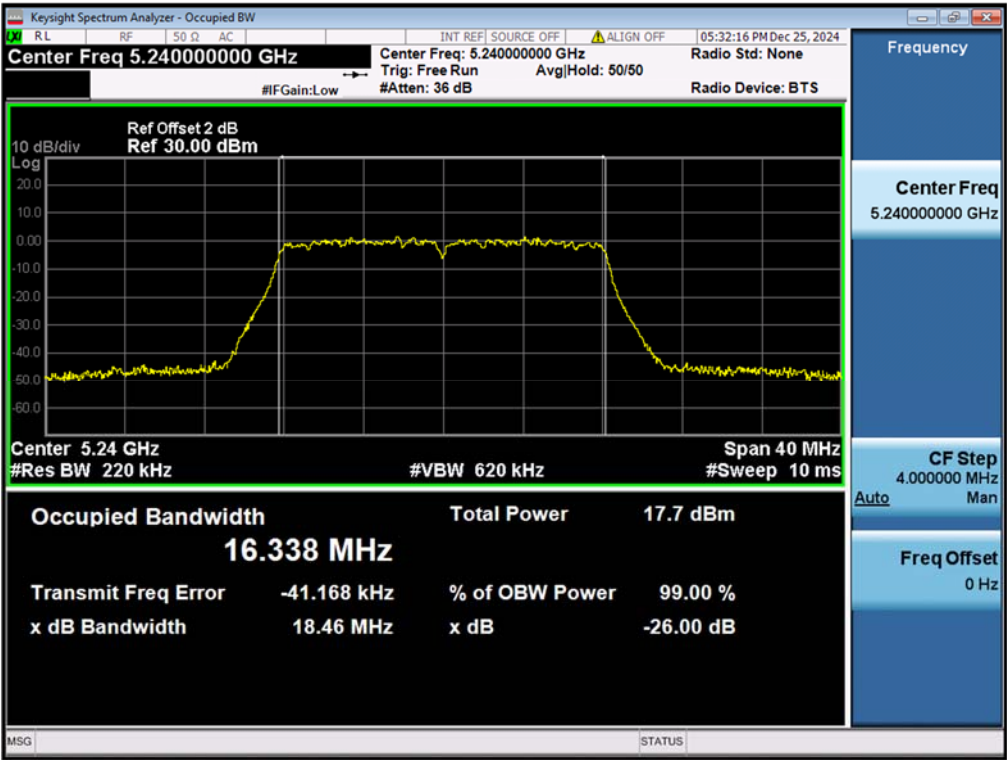
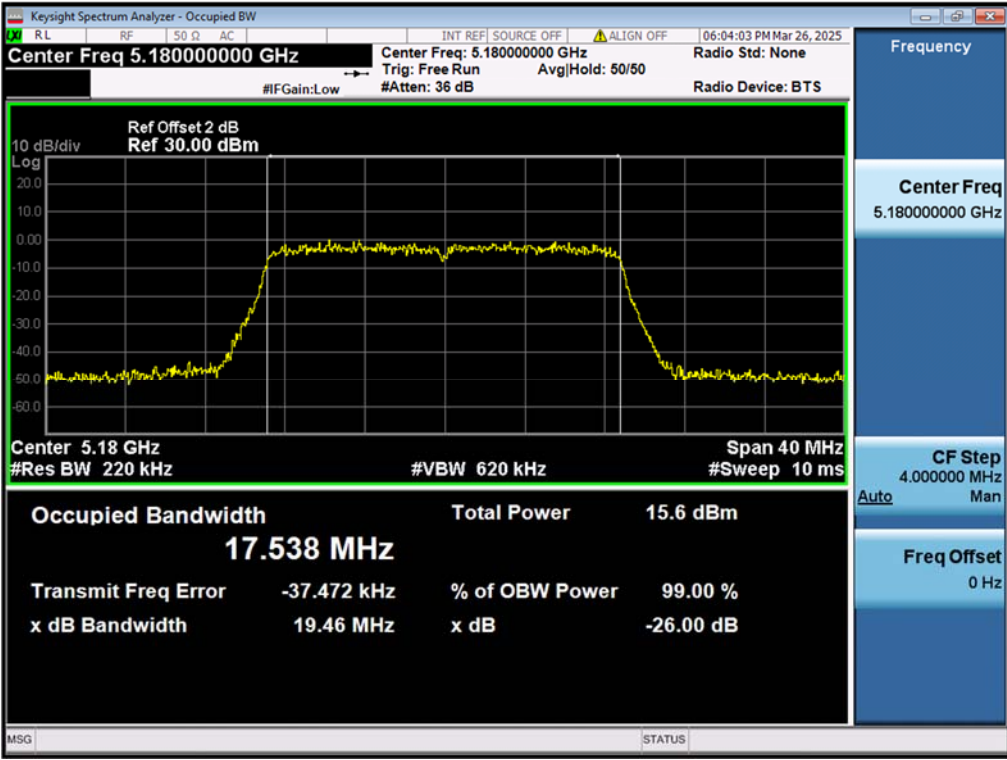


Figure 4: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 5180MHz



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Figure 5: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 5220MHz

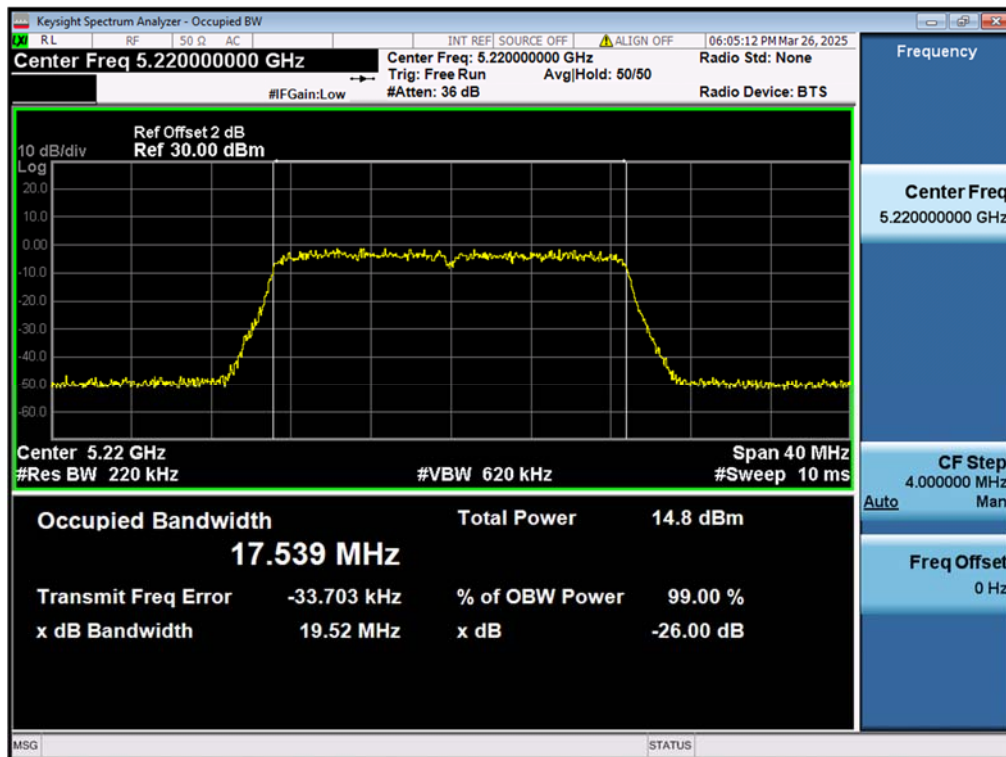
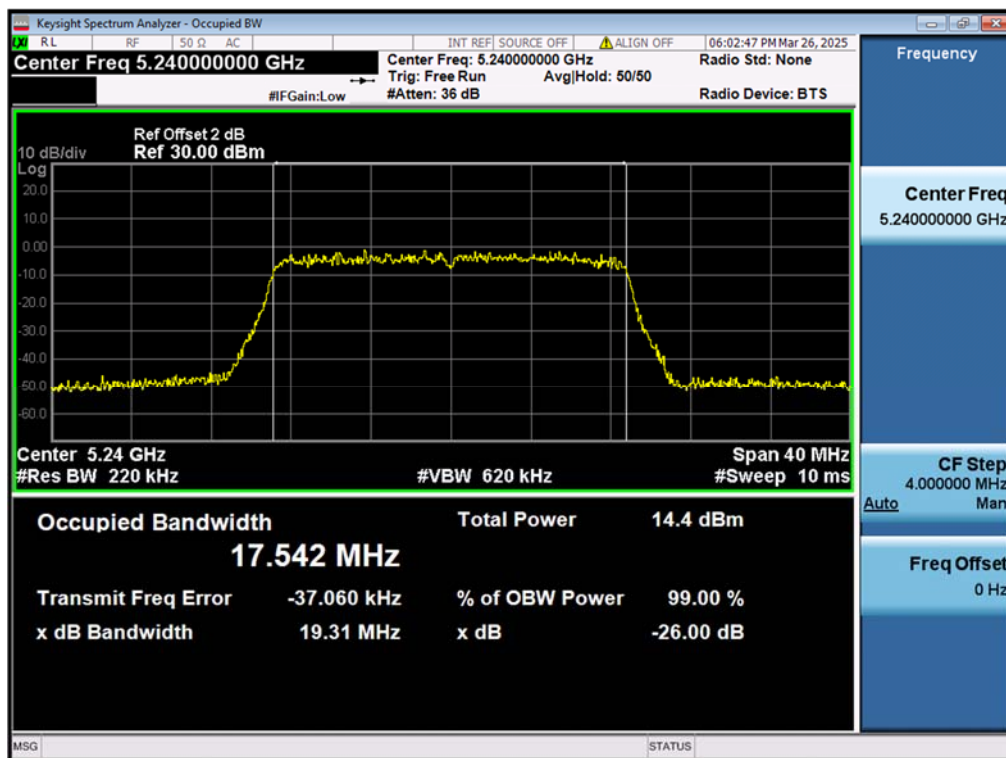


Figure 6: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11n(HT20), 5240MHz



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Figure 7: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT20), 5180MHz

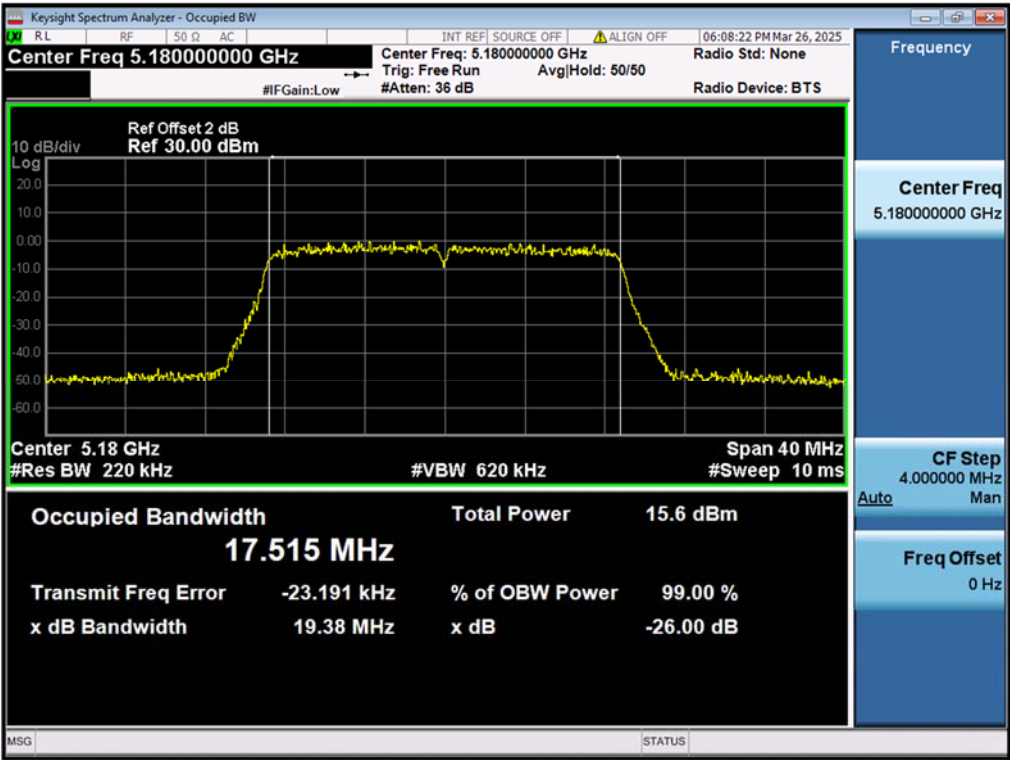
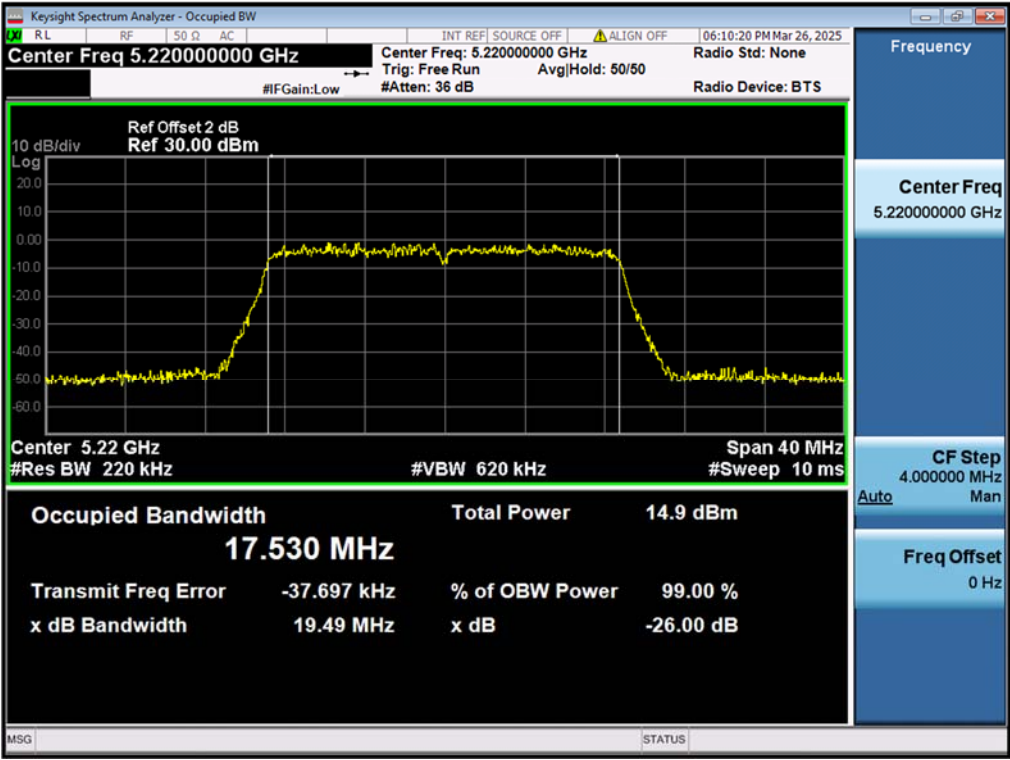


Figure 8: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT20), 5220MHz



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Figure 9: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT20), 5240MHz

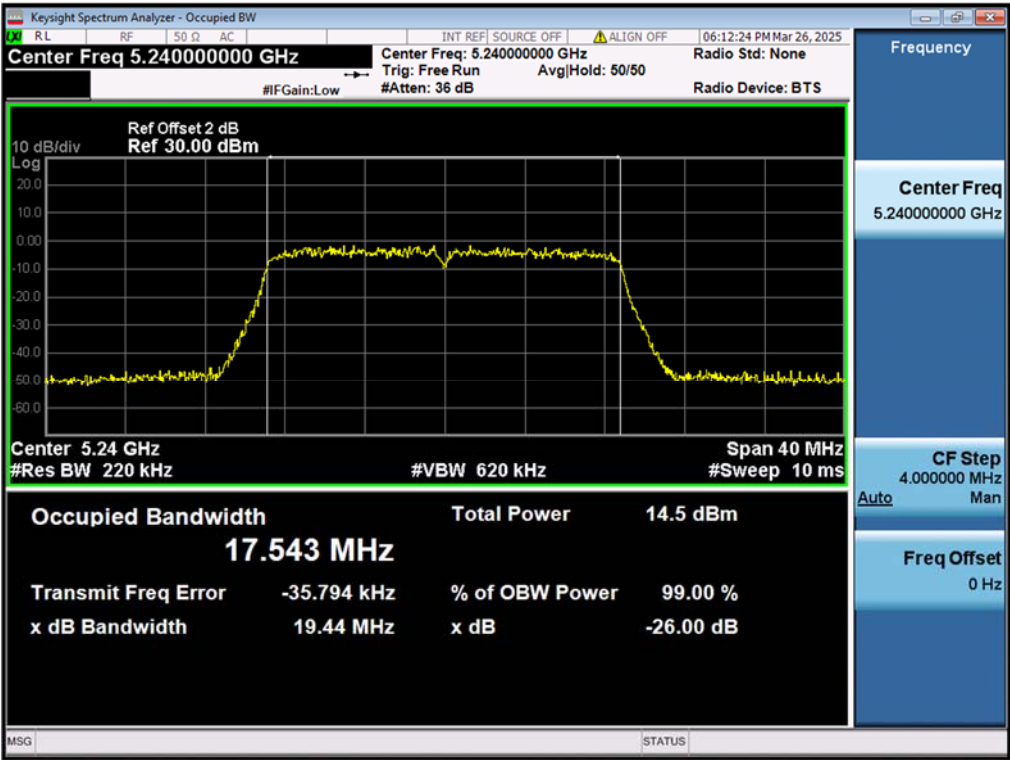
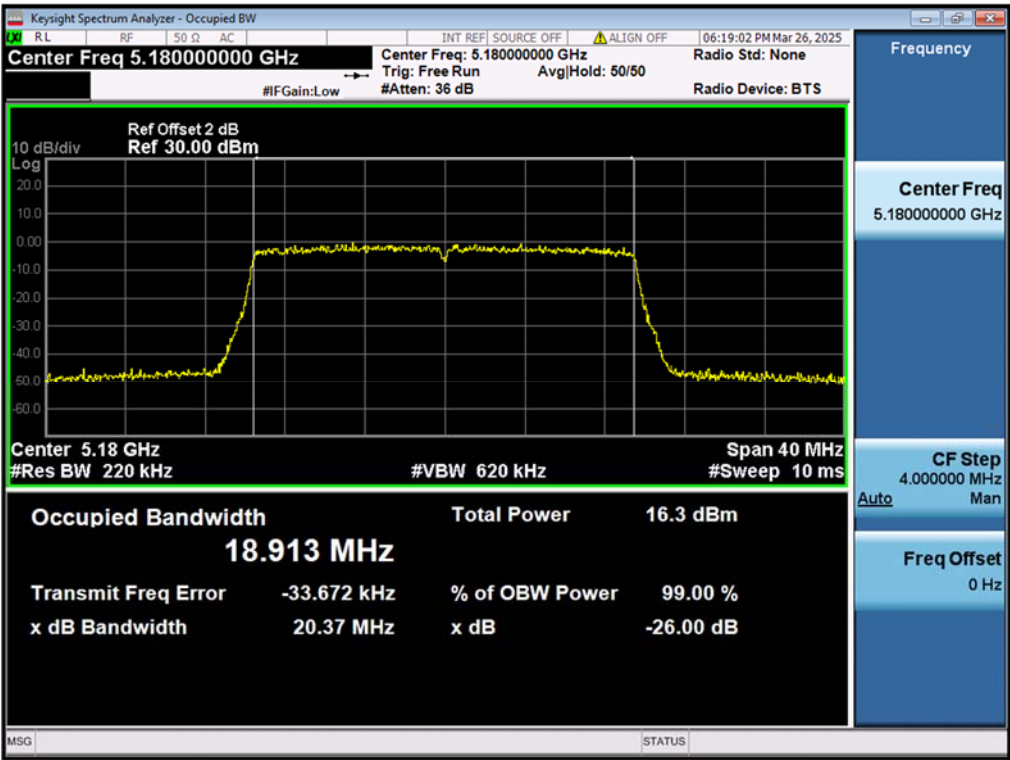


Figure 10: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE20), 5180MHz



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Figure 11: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE20), 5220MHz

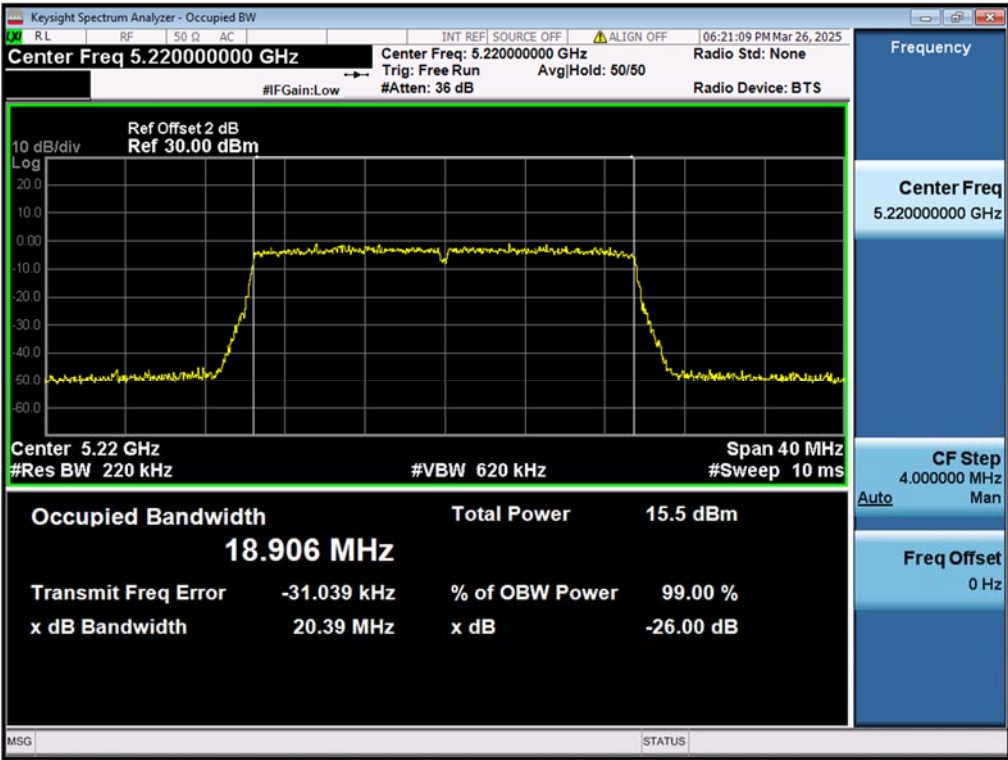
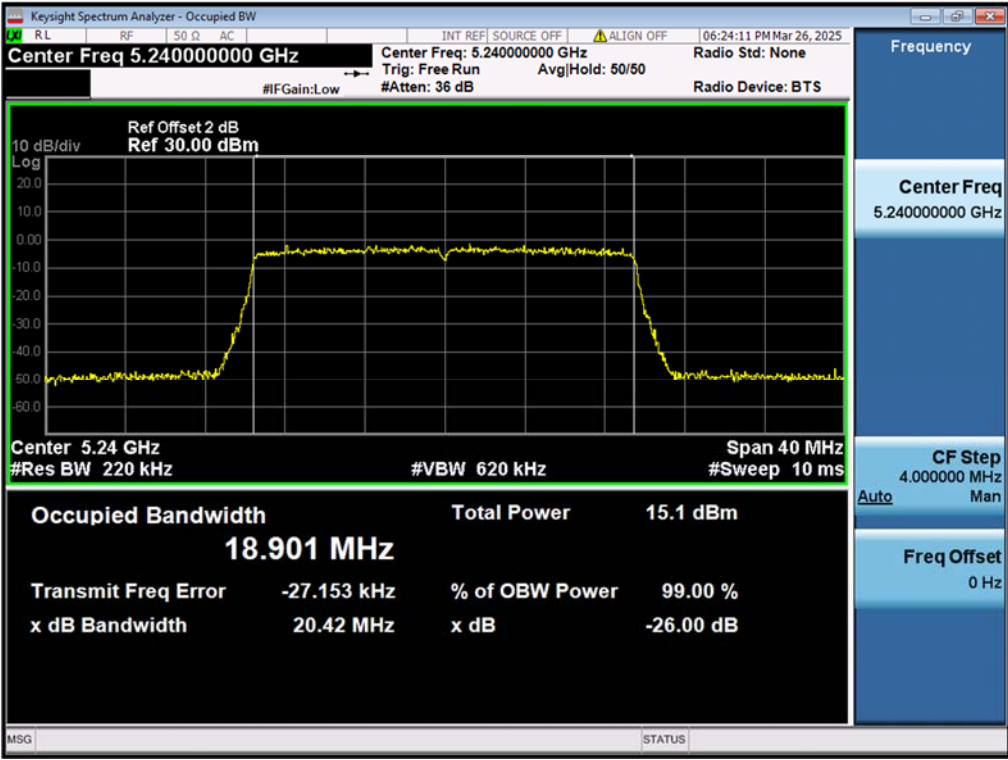


Figure 12: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE20), 5240MHz



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Figure 13: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11n(HT40), 5190MHz

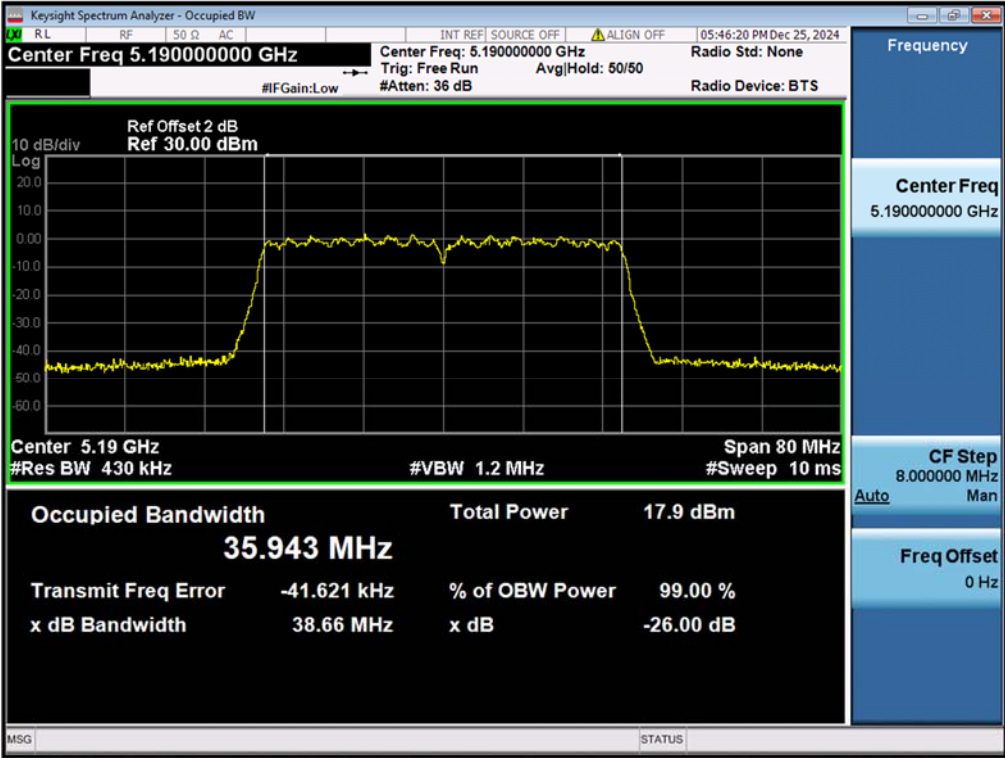
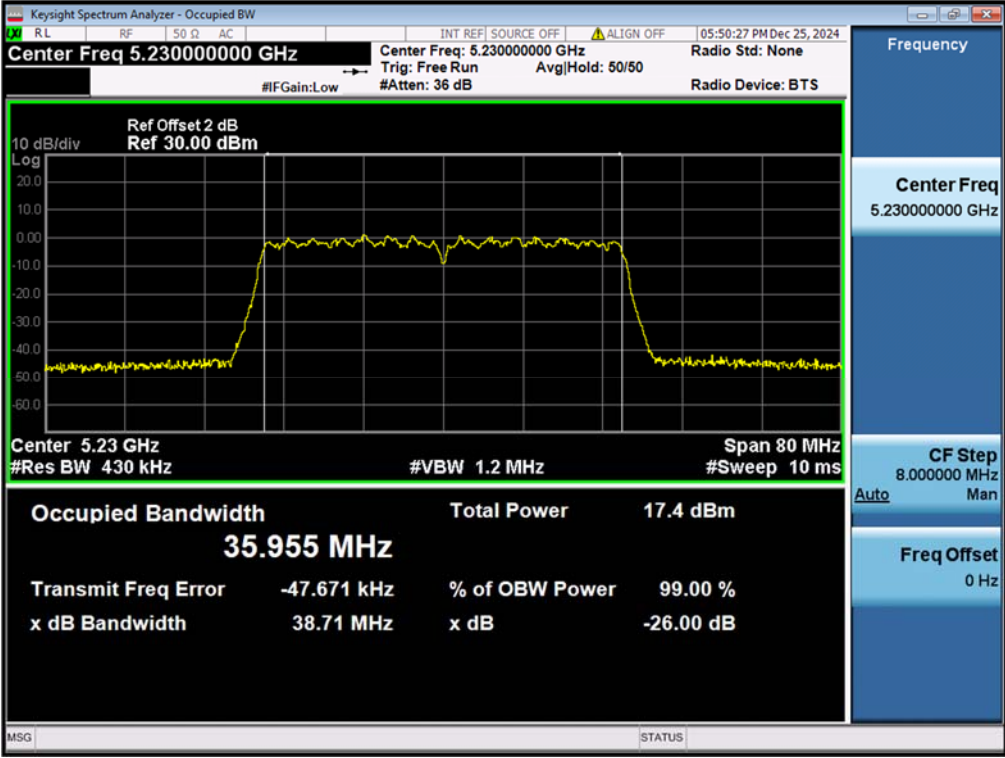


Figure 14: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11n(HT40), 5230MHz



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Figure 15: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT40), 5190MHz

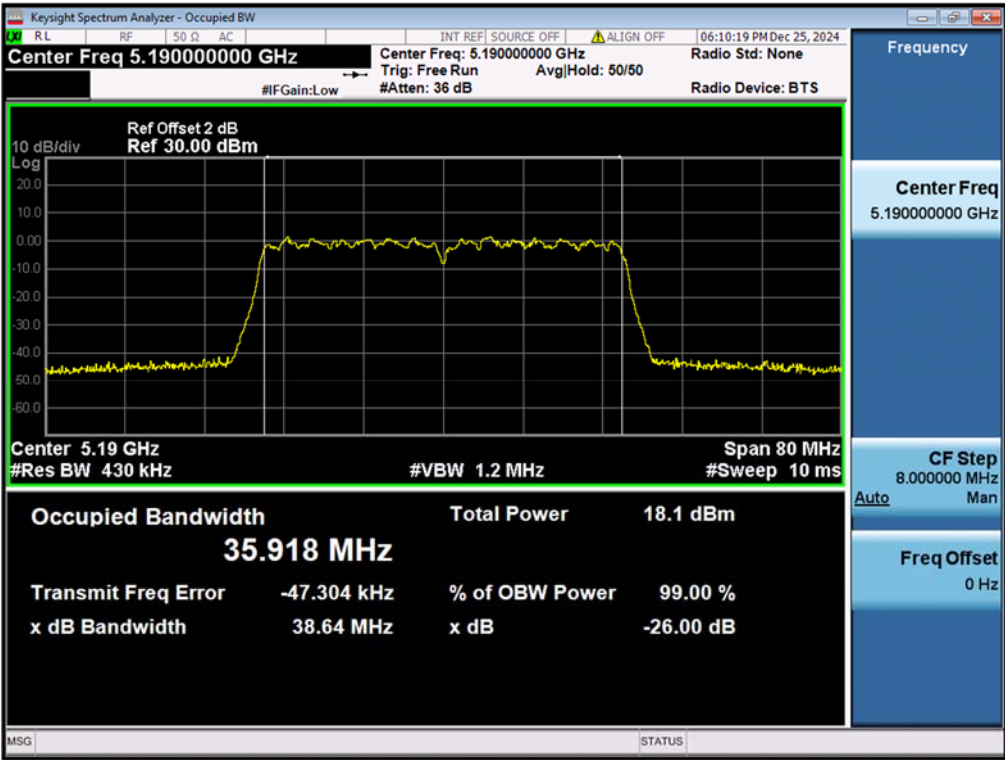
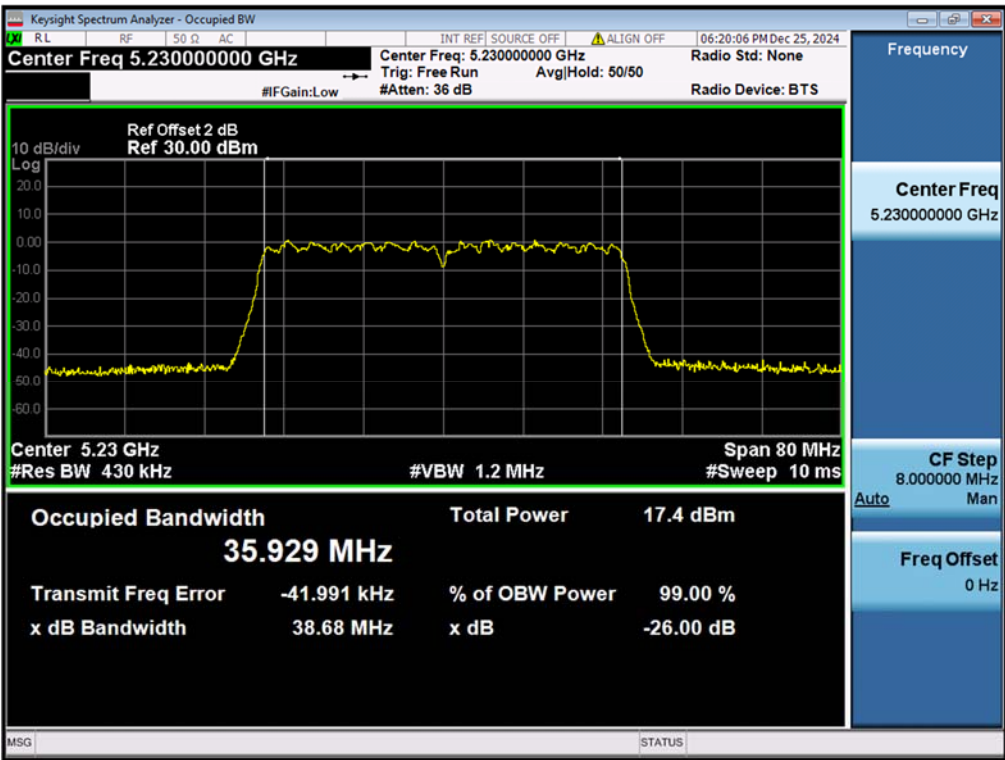


Figure 16: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT40), 5230MHz



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Figure 17: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE40), 5190MHz

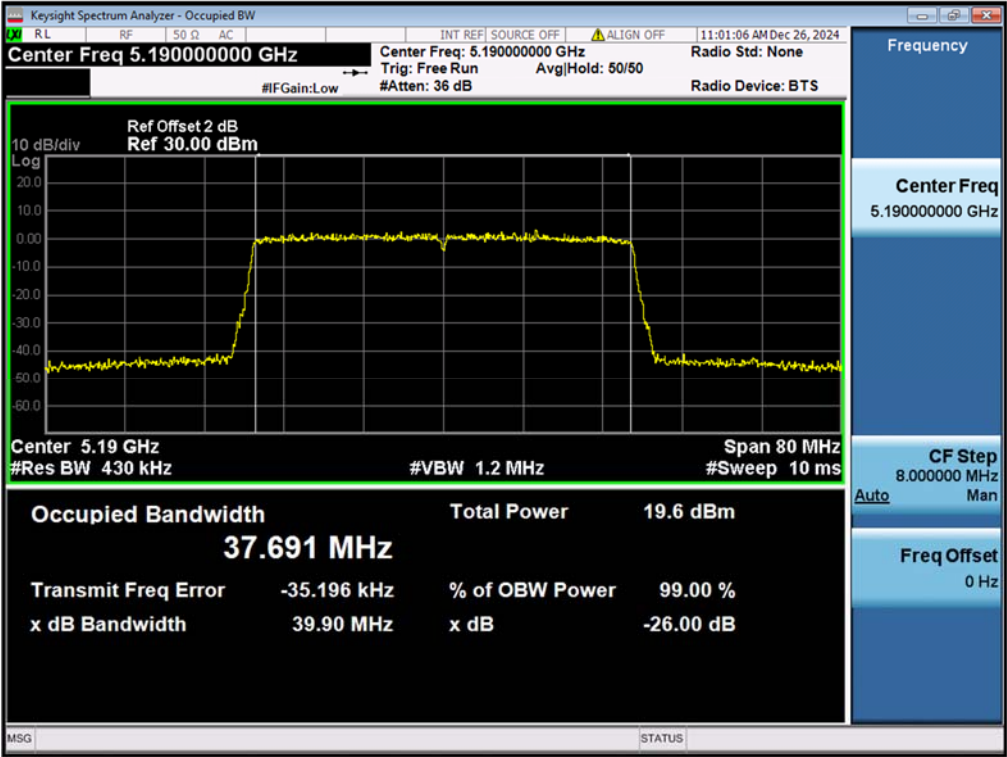
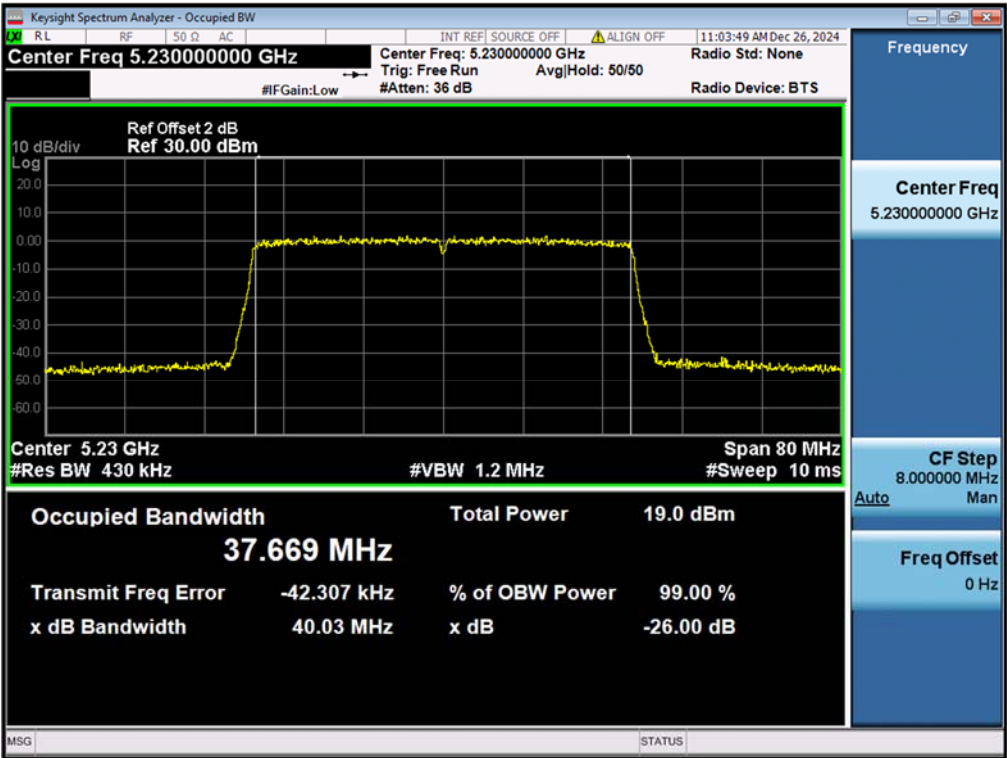


Figure 18: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE40), 5230MHz



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Figure 19: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ac(VHT80), 5210MHz

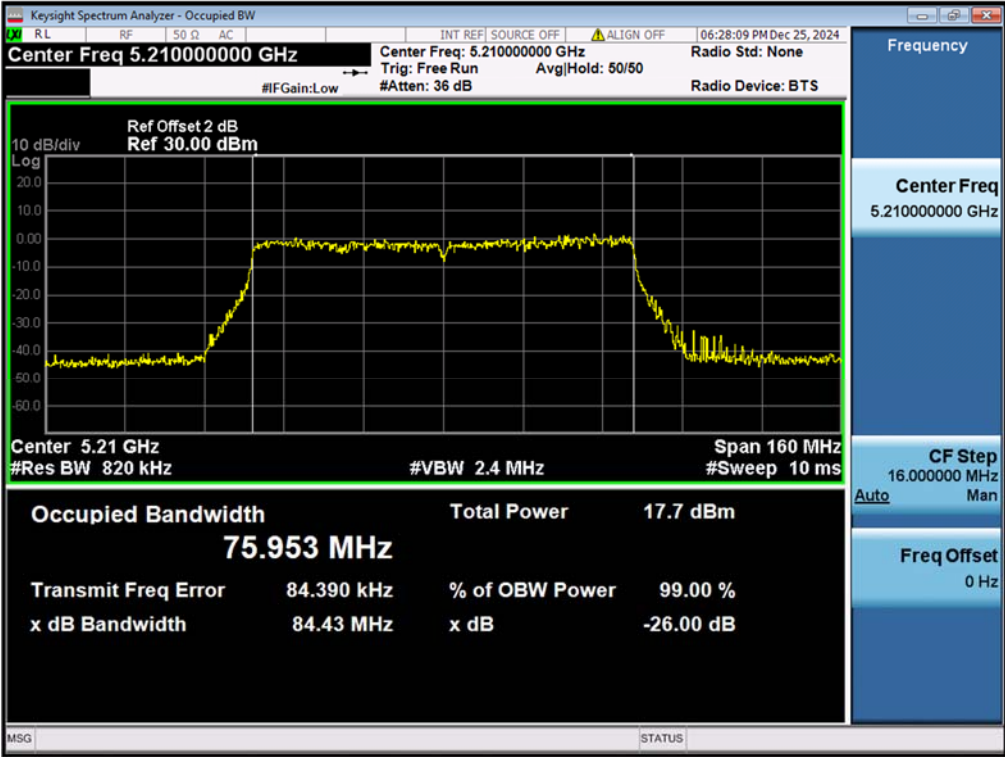
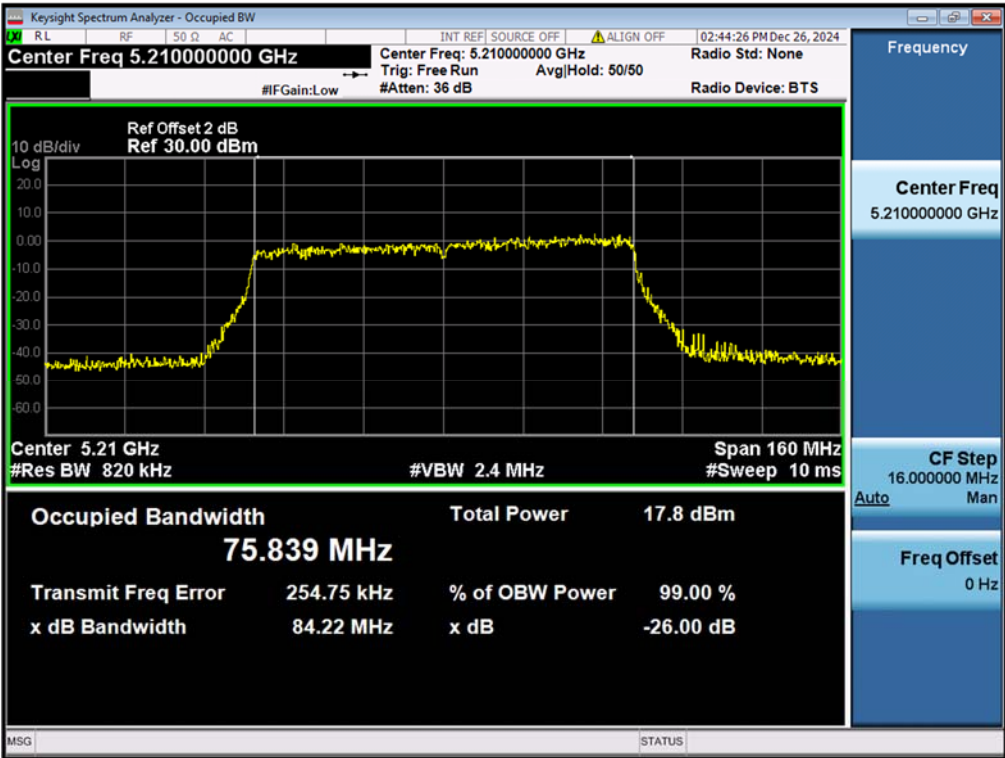


Figure 20: The plots of 26dB Bandwidth and 99% Bandwidth, 802.11ax(HE80), 5210MHz



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4.1.4 6dB Bandwidth

RESULT: PASS

Test standard : FCC Part 15.407(e)
Requirement : ANSI C63.10-2013 clause 12.4, KDB 789033
Kind of test site : Shielded room

Test setup

Test Channel : Low/Middle/High
Operation Mode : A.1.a
Ambient temperature : 20.3°C
Relative humidity : 35%

Table 4: 6dB Bandwidth for Band IV (5725 – 5850 MHz)

Test Mode	Test Channel (MHz)	6dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Applicable Limit (MHz)
802.11a	5745	16.52	16.340	>0.5
	5785	16.47	16.344	
	5825	16.48	16.353	
802.11n(HT20)	5745	17.66	17.541	
	5785	17.68	17.539	
	5825	17.66	17.538	
802.11ac(VHT20)	5745	17.67	17.540	
	5785	17.67	17.541	
	5825	17.66	17.541	
802.11ax(HE20)	5745	19.09	18.898	
	5785	19.12	18.909	
	5825	19.02	18.910	
802.11n(HT40)	5755	36.53	35.948	
	5795	36.54	35.945	
802.11ac(VHT40)	5755	36.54	35.922	
	5795	36.56	35.904	
802.11ax(HE40)	5755	38.07	37.666	
	5795	38.20	37.709	
802.11ac(VHT80)	5775	75.97	76.123	
802.11ax(HE80)	5775	78.08	77.263	

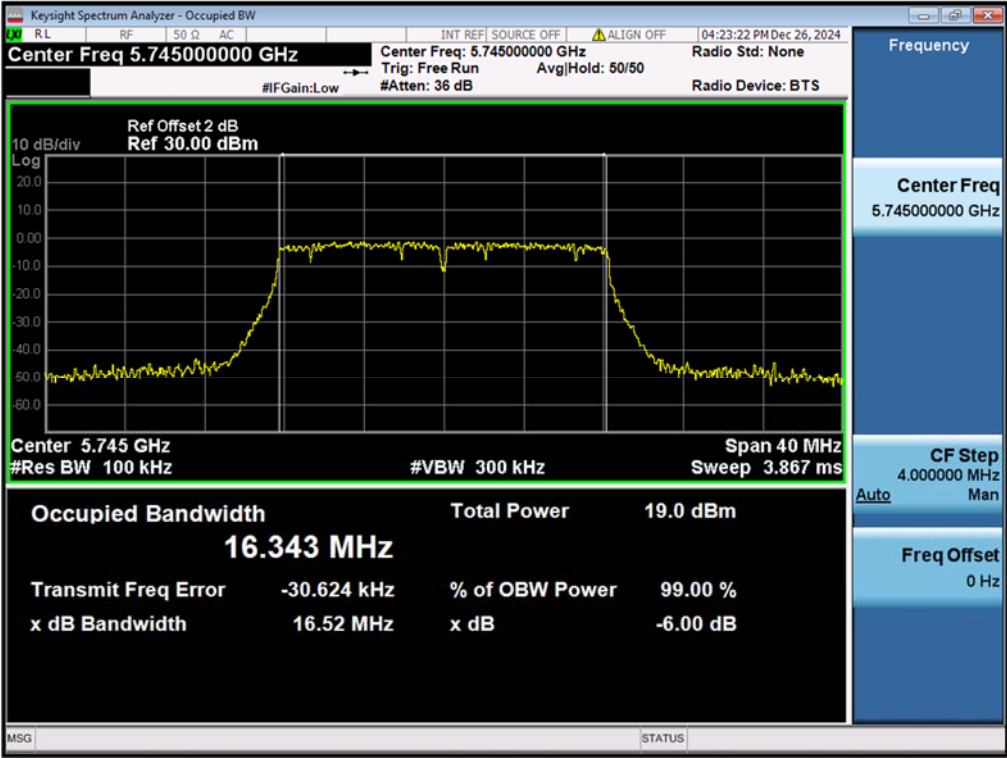
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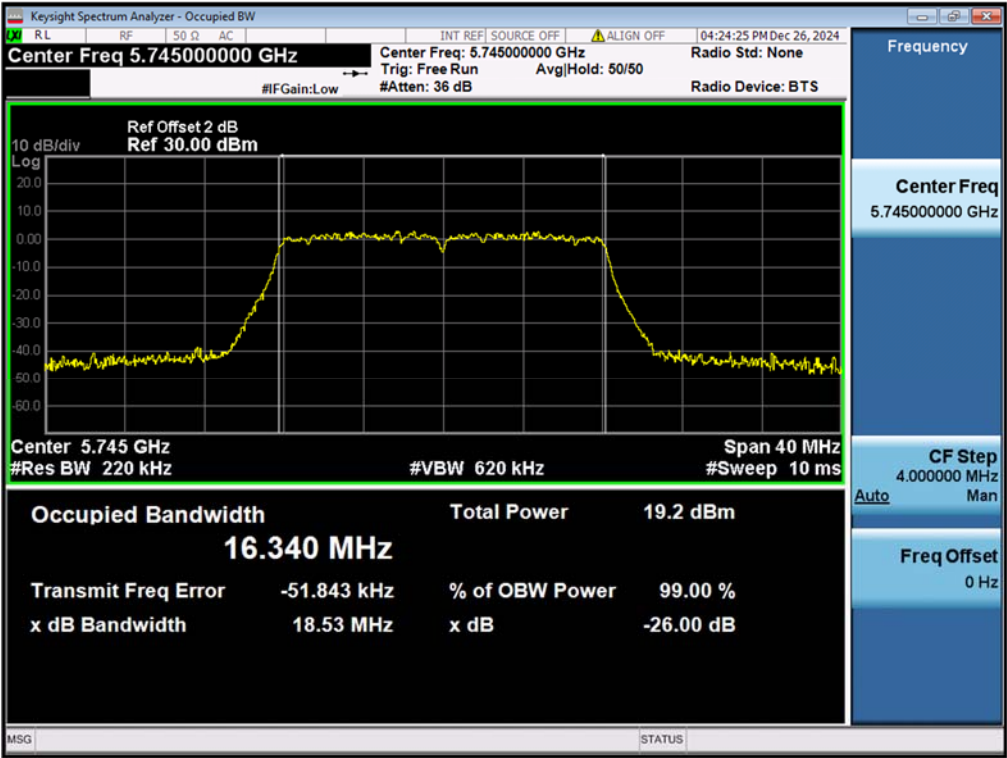
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Figure 21: 802.11a, 5745MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



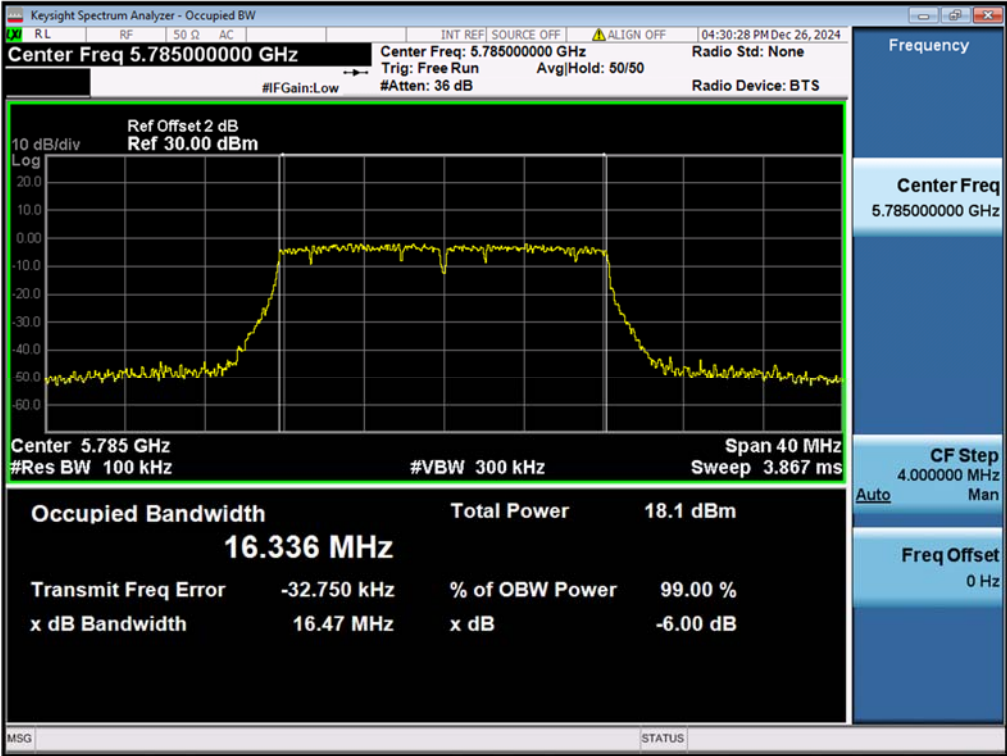
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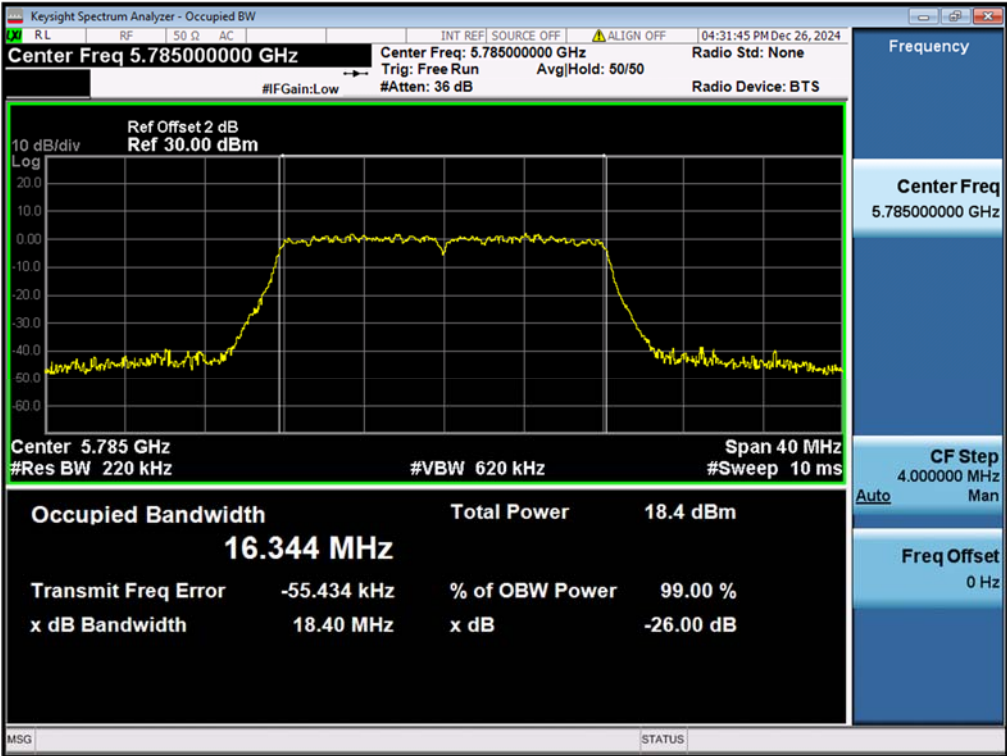
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Figure 22: 802.11a, 5785MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



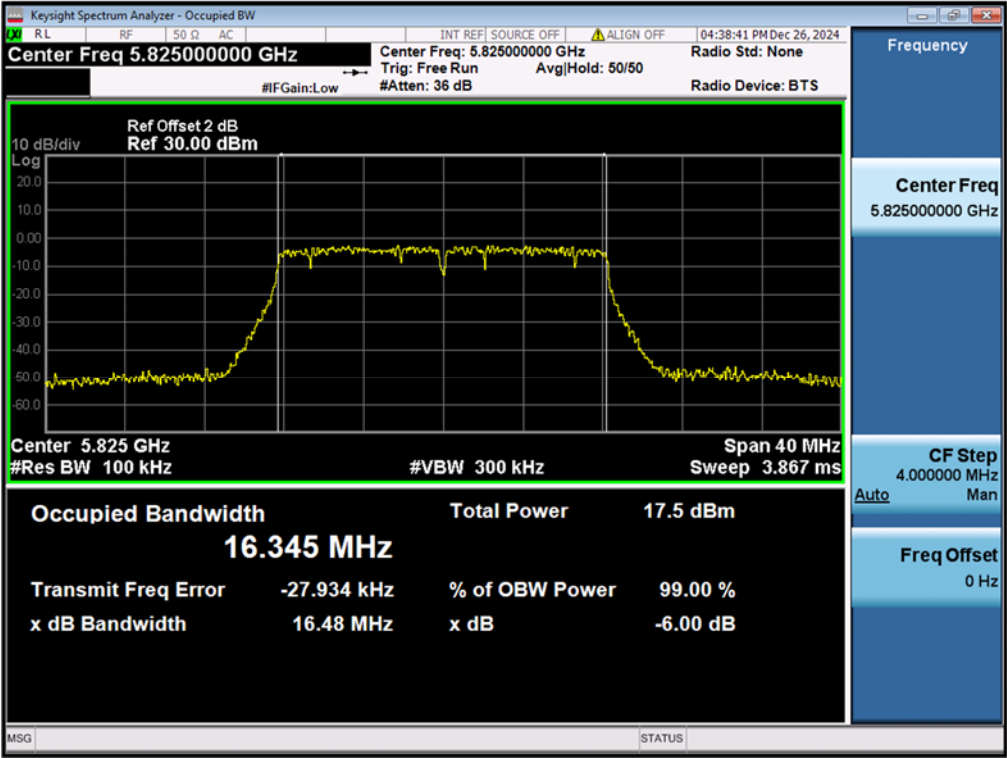
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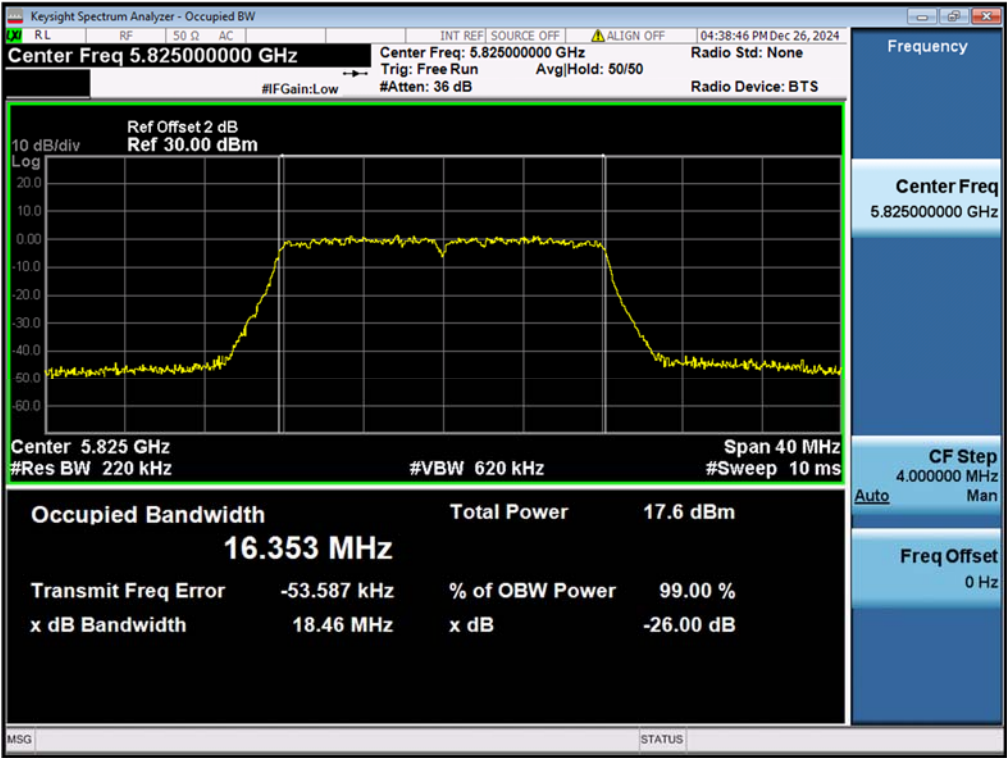
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Figure 23: 802.11a, 5825MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



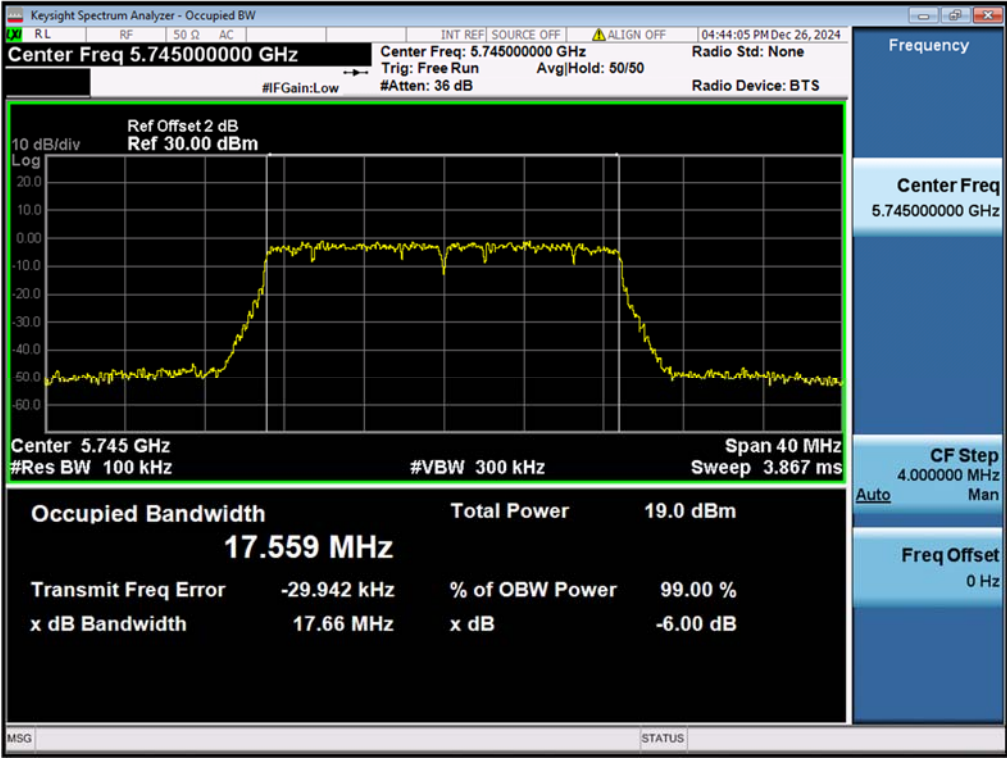
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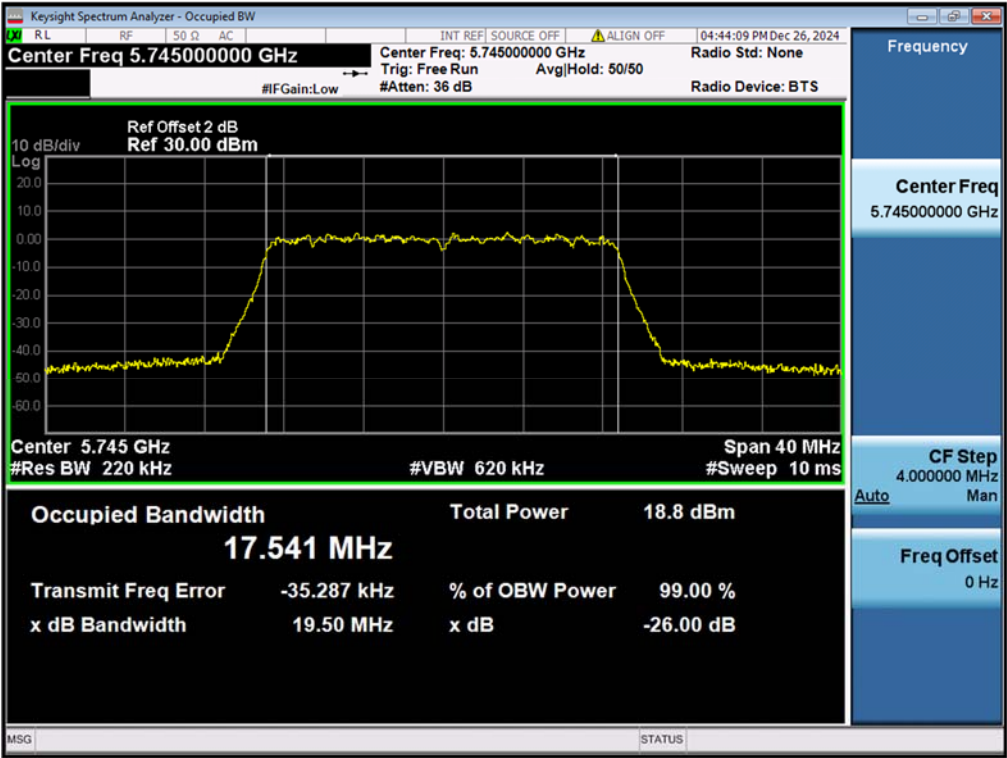
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Figure 24: 802.11n(HT20), 5745MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



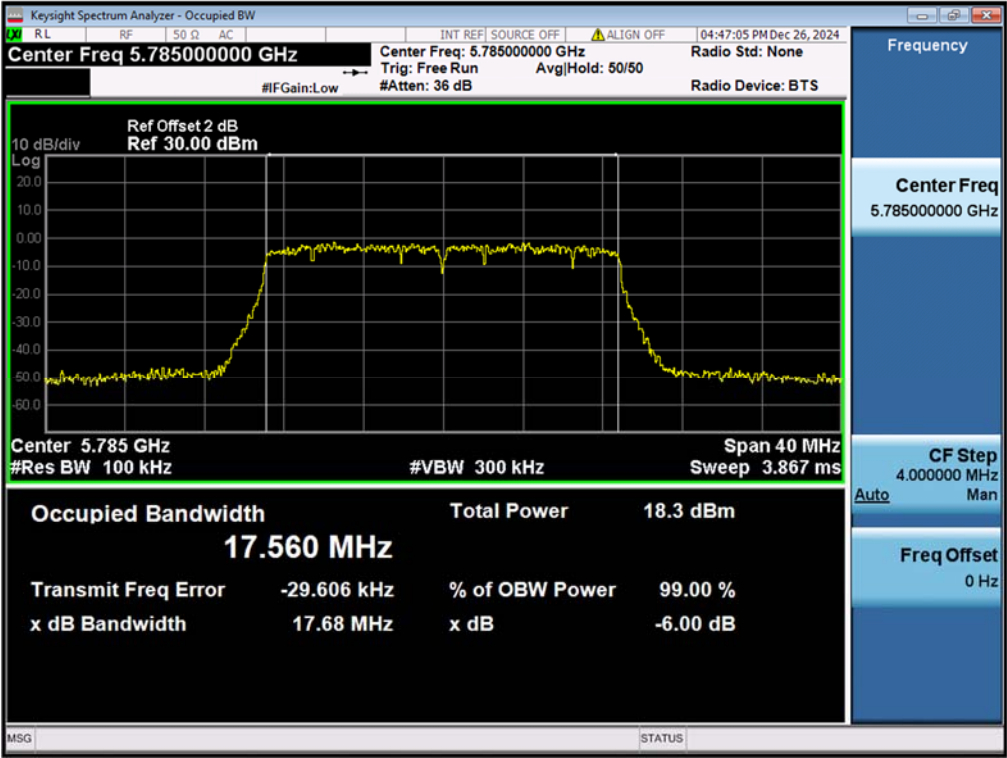
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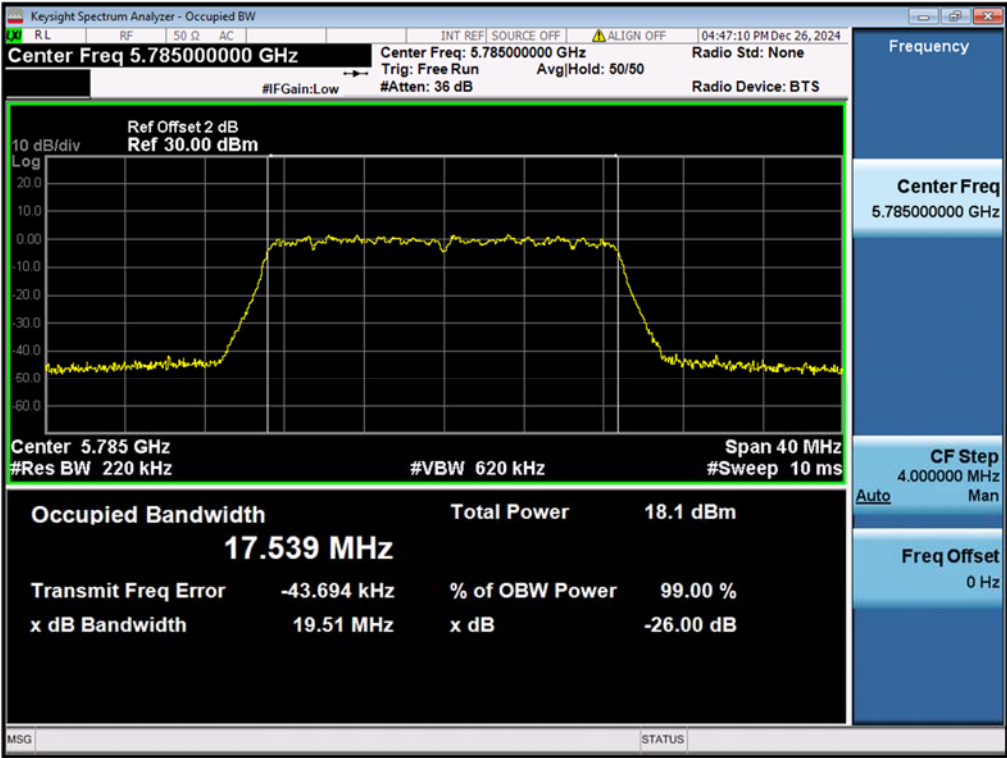
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Figure 25: 802.11n(HT20), 5785MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



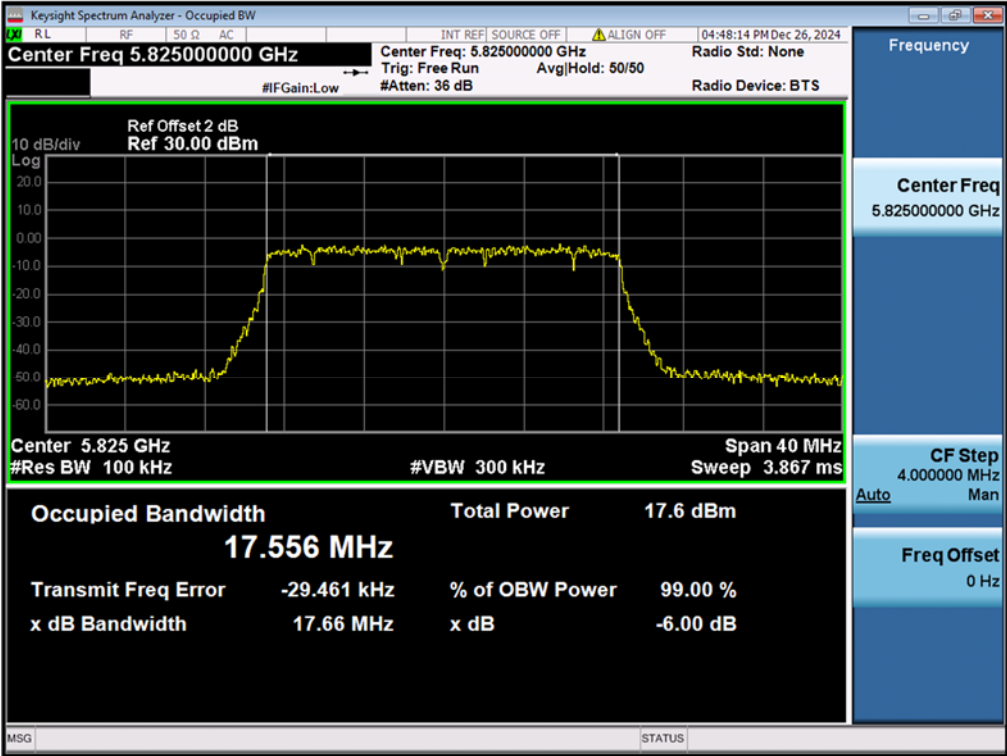
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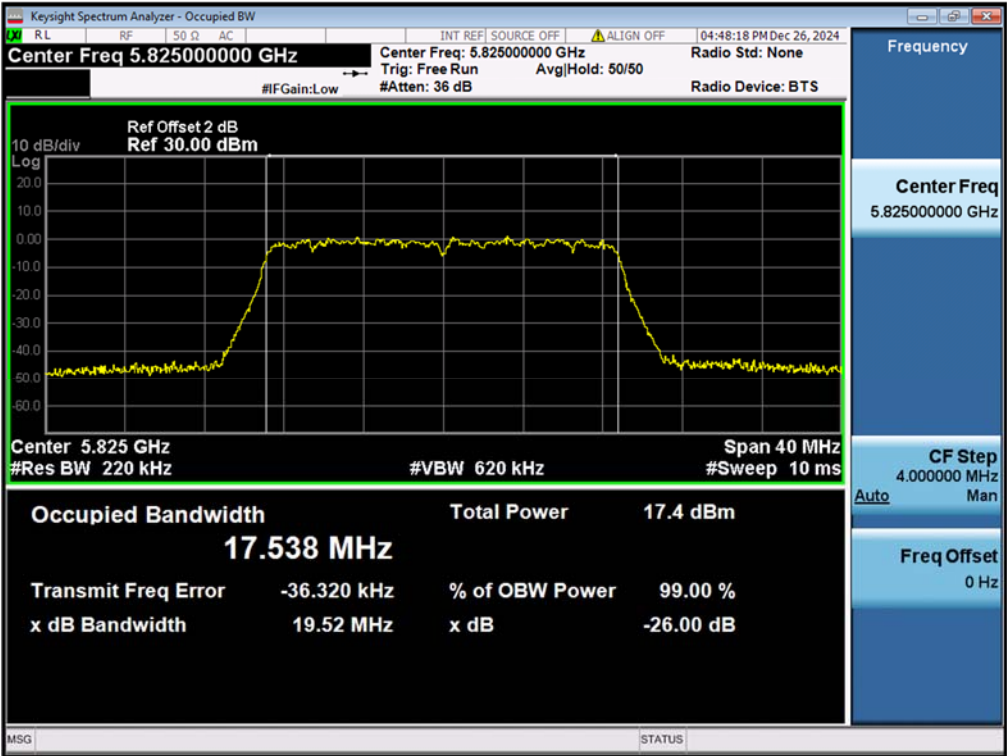
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Figure 26: 802.11n(HT20), 5825MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



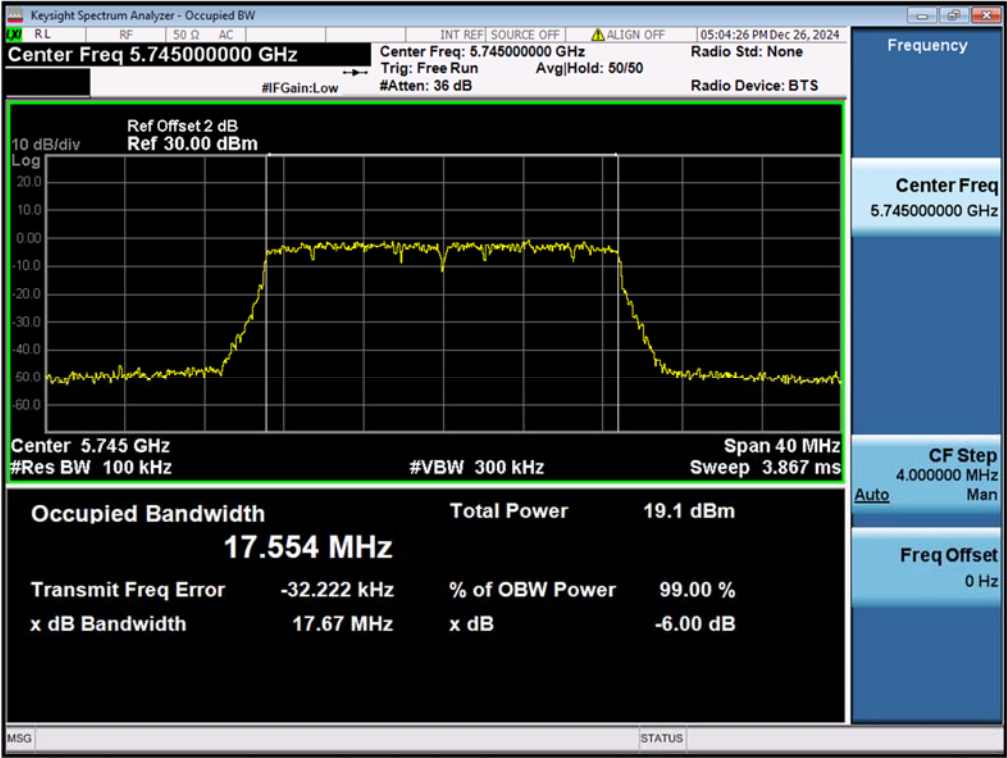
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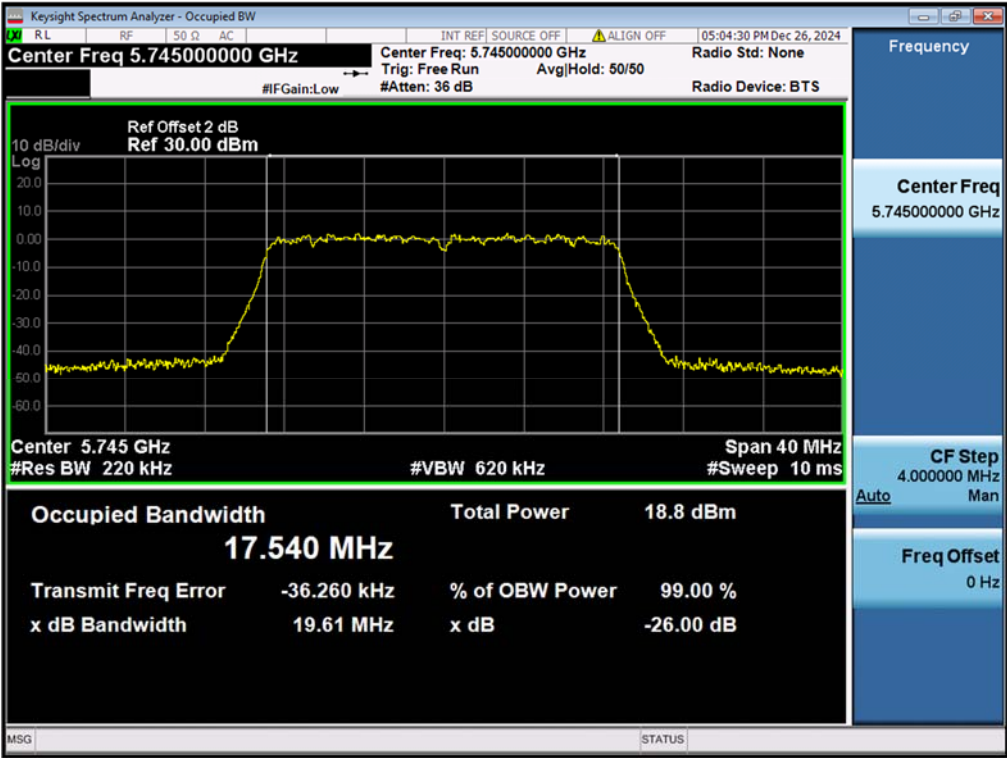
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Figure 27: The plots of 6dB Bandwidth, 802.11ac(VHT20), 5745MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



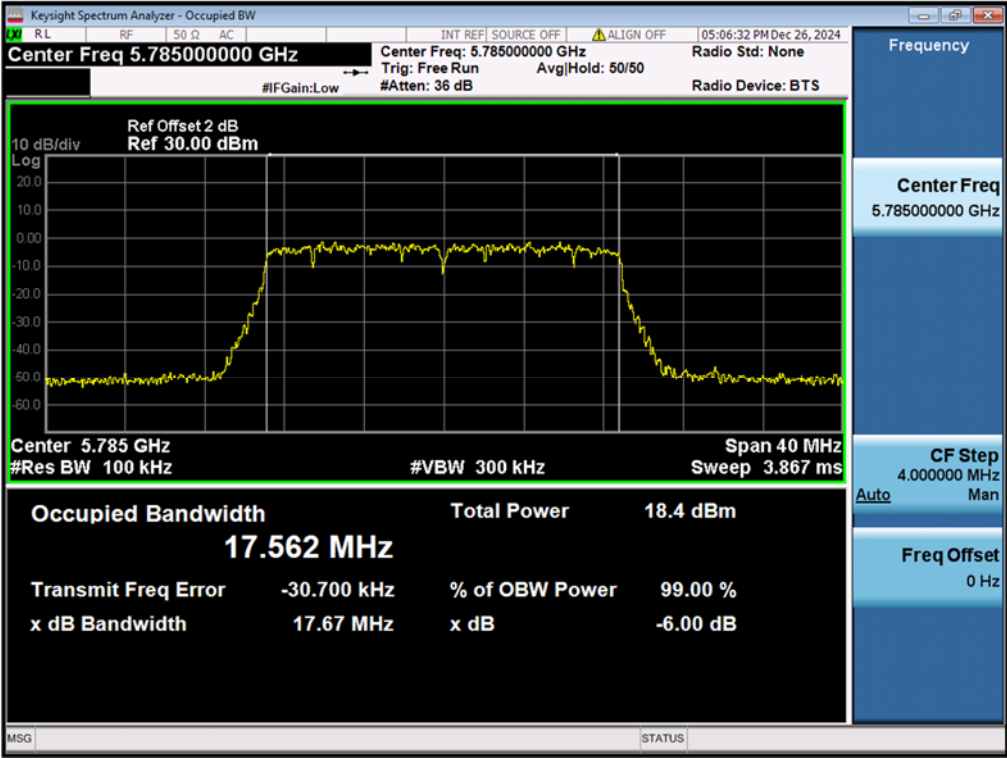
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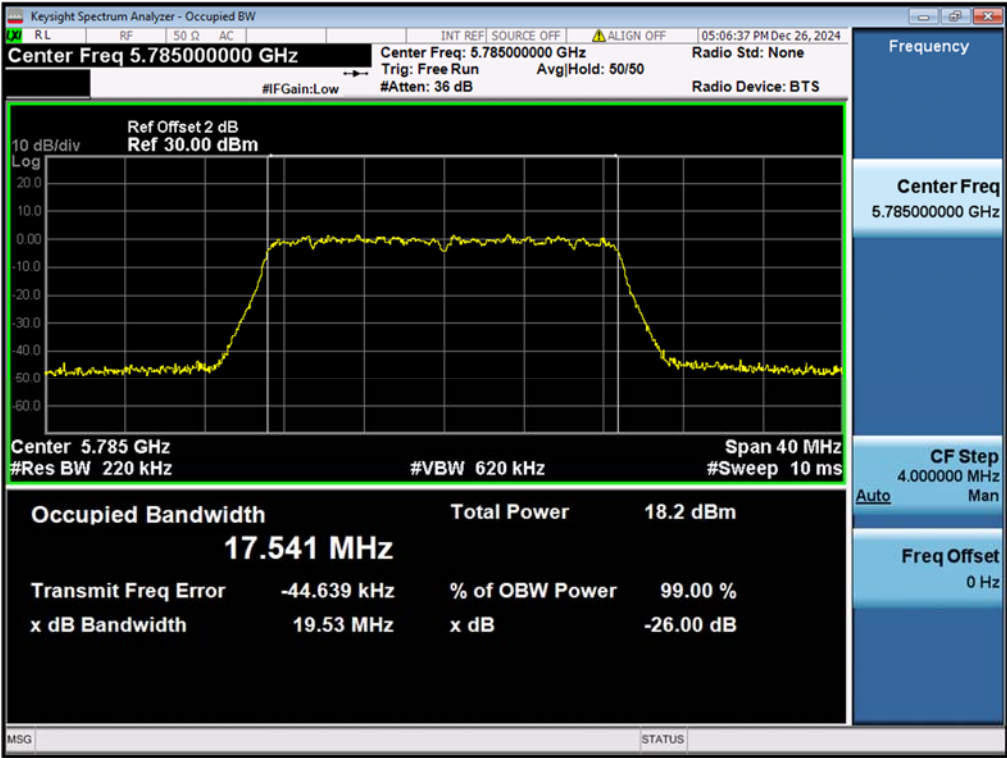
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Figure 28: The plots of 6dB Bandwidth, 802.11ac(VHT20), 5785MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth



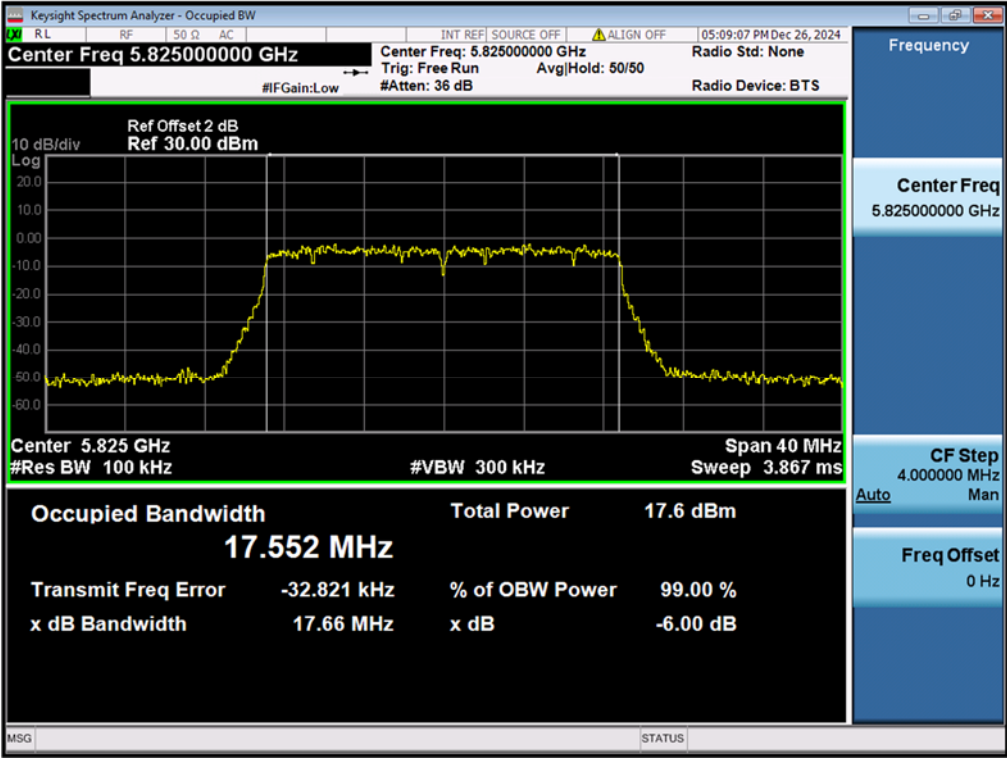
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Figure 29: The plots of 6dB Bandwidth, 802.11ac(VHT20), 5825MHz
Test Plot of -6dB Bandwidth



Test Plot of 99% Occupied Bandwidth

