
FCC Test Report

Report No.: AGC12060220301FE06

FCC ID : 2AY4C-GM03

APPLICATION PURPOSE : Original Equipment

PRODUCT DESIGNATION : Mini PC

BRAND NAME : GEEKOM

MODEL NAME : GM11i7T, GMXXXXX(X=0-9 or A-Z or a-z)

APPLICANT : Shenzhen Jiteng Network Technology Co., Ltd

DATE OF ISSUE : Apr. 07, 2022

STANDARD(S) : FCC Part 15.407

TEST PROCEDURE(S) : KDB 789033 D02 v02r01

REPORT VERSION : V1.0

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Apr. 07, 2022	Valid	Initial Release

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1. VERIFICATION OF CONFORMITY

Applicant	Shenzhen Jiteng Network Technology Co., Ltd
Address	No.1202, Bitian Pavilion, Bizhong Garden, No.10 Bibo First Street, Bibo Community Huangbei Street, Luohu District, Shenzhen City, China
Manufacturer	Shenzhen Jiteng Network Technology Co., Ltd
Address	No.1202, Bitian Pavilion, Bizhong Garden, No.10 Bibo First Street, Bibo Community Huangbei Street, Luohu District, Shenzhen City, China
Product Designation	Mini PC
Brand Name	GEEKOM
Test Model	GM11i7T
Series Model	GMXXXXX(X=0-9 or A-Z or a-z)
Declaration of Difference	Different sales models, different product appearance colors and configurations lead to different model names, which does not affect safety and electromagnetic compatibility
Date of test	Mar. 10, 2022~Apr. 07, 2022
Deviation	No any deviation from the test method
Condition of Test Sample	Normal
Test Result	Pass
Report Template	AGCRT-US-BGN/RF

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with requirement of FCC Part 15 Rules requirement.

Prepared By



Eder Zhan
(Project Engineer)

Apr. 07, 2022

Reviewed By



Calvin Liu
(Reviewer)

Apr. 07, 2022

Approved By



Max Zhang
Authorized Officer

Apr. 07, 2022

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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

The EUT is designed as “Mini PC”. It is designed by way of utilizing the OFDM technology to achieve the system operation.

A major technical description of EUT is described as following

Equipment Type	☐ Outdoor access points ☐ Fixed P2P access points	☐ Indoor access points ☒ Client devices
Operation Frequency	☒ U-NII 1:5150MHz~5250MHz ☐ U-NII 2C:5470MHz~5725MHz	☐ U-NII 2A: 5250MHz~5350MHz ☒ U-NII 3: 5725MHz~5850MHz
DFS Design Type	☐ Master ☒ Slave with radar detection	☐ Slave without radar detection
TPC Function	☐ Yes ☒ No	
Test Frequency Range	For 802.11a/n-HT20/ac-VHT20: 5180~5240MHz, 5745~5825MHz For 802.11n-HT40/ac-VHT40: 5190~5230MHz, 5755~5795MHz For 802.11ac-VHT80: 5210MHz, 5775MHz	
Max Average Power	IEEE 802.11a:15.34dBm; IEEE 802.11n-HT20:13.33dBm; IEEE 802.11n-HT40:13.37dBm; IEEE 802.11ac-VHT20:12.59dBm; IEEE 802.11ac-VHT40:12.68dBm; IEEE 802.11ac-VHT80:12.52dBm	
Max Average Power_MIMO	IEEE 802.11n(20):15.21dBm;IEEE802.11n(40):15.52dBm IEEE 802.11ac(20):15.02dBm; IEEE802.11ac(40):15.15dBm; IEEE802.11ac(80):15.19dBm	
Modulation	802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM,128QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM,128QAM,256QAM)	
Data Rate	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 300Mbps 802.11ac: up to 400(868.8)Mbps	
Number of channels	7 channels of U-NII-1 Band 8 channels of U-NII-3 Band	
Hardware Version	NUCTL01_MB_V20	
Software Version	21H2	
Antenna Designation	PIFA Antenna (Comply with requirements of the FCC part 15.203)	
Number of transmit chain	2(802.a/11n/ac all used four antennas, but 802.11a support SISO and 802.11n/ac support MIMO)	
Antenna Gain	Refer to Chapter 2.8 of the report.	
Power Supply	DC 19.0V	

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2.2. TABLE OF CARRIER FREQUENCIES

For 5180~5240MHz:

4 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
36	5180 MHz	44	5220 MHz
40	5200 MHz	48	5240 MHz

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
38	5190 MHz	46	5230 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
42	5210 MHz	--	--

For 5745~5825MHz:

5 channels are provided for 802.11a, 802.11n (HT20), 802.11ac (VHT20):

Channel	Frequency	Channel	Frequency
149	5745 MHz	161	5805 MHz
153	5765 MHz	165	5825 MHz
157	5785 MHz	--	--

2 channels are provided for 802.11n (HT40), 802.11ac (VHT40):

Channel	Frequency	Channel	Frequency
151	5755 MHz	159	5795 MHz

1 channel is provided for 802.11ac (VHT80):

Channel	Frequency	Channel	Frequency
155	5775 MHz	--	--

2.3. RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: 2AY4C-GM03** filing to comply with the FCC Part 15 requirements.

2.4. TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

Others testing (listed at item 5.3) was performed according to the procedures in FCC Part 15.407 rules KDB 789033 D02

2.5. SPECIAL ACCESSORIES

Refer to section 5.2.

2.6. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

2.7. ANTENNA REQUIREMENT

This intentional radiator is designed with a permanently attached antenna of an antenna to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

For more information of the antenna, please refer to the APPENDIX B: PHOTOGRAPHS OF EUT.

2.8. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna Type	Frequency Band (MHz)	TX Paths	Bandwidth (MHz)	Max Peak Gain (dBi)		Max Directional Gain (dBi)
				Ant 1	Ant 2	
5G WIFI External Antenna List (5GHz 2*2 MIMO)						
PIFA Antenna	5150 ~ 5250	2	20,40,80	2.5	2.5	5.51
	5725 ~ 5850	2	20,40,80	2.5	2.5	5.51

Note 1: The EUT supports Cyclic Delay Diversity (CDD) technology for 802.11n/ac mode.

Note 2: The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on devices:

$$\text{Array Gain} = 10 \log (N_{ANT} / N_{SS}) \text{ dB} = 3.01;$$

- For power measurements on IEEE 802.11 devices:

$$\text{Array Gain} = 0 \text{ dB for } N_{ANT} \leq 4;$$

$$\text{Array Gain} = 0 \text{ dB (i.e., no array gain) for channel widths } \geq 40 \text{ MHz for any } N_{ANT};$$

$$\text{Array Gain} = 5 \log(N_{ANT}/N_{SS}) \text{ dB or } 3 \text{ dB, whichever is less, for } 20 \text{ MHz channel widths with } N_{ANT} \geq 5.$$

If antenna gains are not equal, Directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

3. MEASUREMENT UNCERTAINTY

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%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 3.1 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 4.0 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.8 \text{ dB}$
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$
Uncertainty of spurious emissions, conducted	$U_c = \pm 2 \%$
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2 \%$

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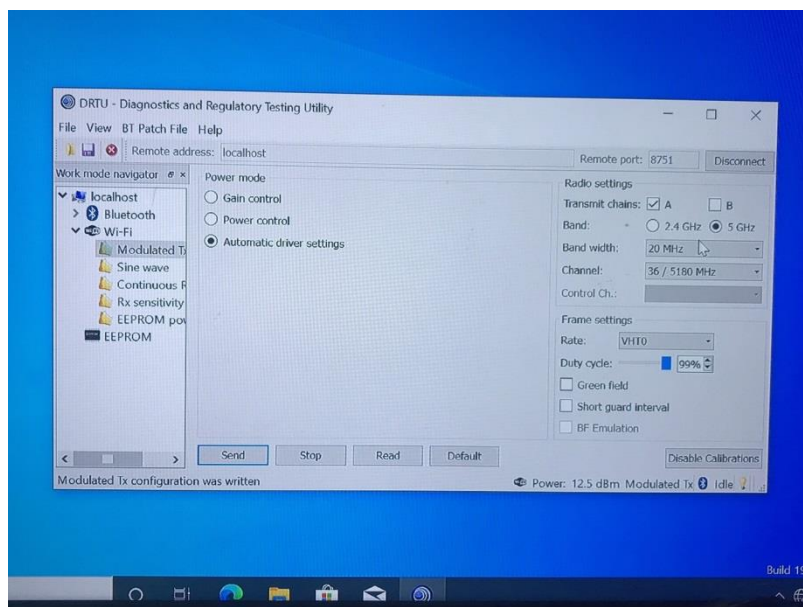
4. DESCRIPTION OF TEST MODES

Mode	Available channel	Tested channel	Modulation	Date rate (Mbps)
802.11a/n/ac20	36,40,44,48, 149,153,157,161,165	36,40,48, 149,157,165	OFDM	6Mbps/MCS0
802.11n/ac40	38,46,151,159	38,46, 151,159	OFDM	MCS0
802.11ac80	42, 155	42, 155	OFDM	MCS0

Note:

1. The EUT has been set to operate continuously on tested channel individually, and the EUT is operating at its maximum duty cycle>or equal 98%.
2. All modes under which configure applicable have been tested and the worst mode test data recording in the test report, if no other mode data.

Software Setting



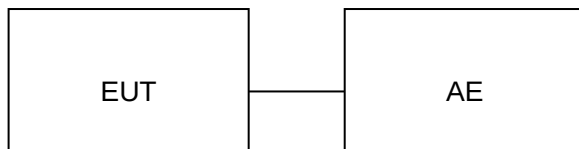
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5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM

Configure 1:



5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Mini PC	GM11i7T	2AY4C-GM03	EUT
2	Adapter	HKA09019047-6U	Input: AC 100-240V 50/60Hz, 1.5A Output: DC 19V 4.74A	AE
3	Adapter	A1001-1904740DI	Input: AC 100-240V 50/60Hz, 2.5A Output: DC 19V 4.74A	AE

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.407	6dB Bandwidth	Compliant
§15.407	Emission Bandwidth	Compliant
§15.407	Maximum conducted output power	Compliant
§15.407	Conducted Spurious Emission	Compliant
§15.407	Maximum Conducted Output Power Density	Compliant
§15.209	Radiated Emission	Compliant
§15.407	Band Edges	Compliant
§15.207	Line Conduction Emission	Compliant

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6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Designation Number	CN1259
FCC Test Firm Registration Number	975832
A2LA Cert. No.	5054.02
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	May 11, 2021	May 10, 2022
LISN	R&S	ESH2-Z5	100086	Jun. 09, 2021	Jun. 08, 2022
Test software	R&S	ES-K1 (Ver V1.71)	N/A	N/A	N/A

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Apr. 14, 2021	Apr. 13, 2022
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Nov. 17, 2021	Nov. 16, 2022
2.4GHz Filter	EM Electronics	2400-2500MHz	N/A	N/A	N/A
Attenuator	ZHINAN	E-002	N/A	Sep. 03, 2020	Sep. 02, 2022
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep. 19, 2021	Sep. 18, 2023
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	May 22, 2020	May 21, 2022
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	Apr. 23, 2021	Apr. 22, 2023
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Sep. 03, 2020	Sep. 02, 2022
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 08, 2021	Jan. 07, 2023
Test software	Tonscend	JS32-RE (Ver.2.5)	N/A	N/A	N/A

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7. MAXIMUM CONDUCTED OUTPUT POWER

7.1. MEASUREMENT PROCEDURE

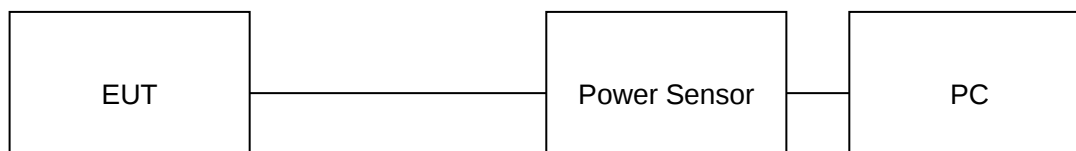
For average power test:

1. Connect EUT RF output port to power sensor through an RF attenuator.
2. Connect the power sensor to the PC.
3. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
4. Record the maximum power from the software.

Note : The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

7.2. TEST SET-UP

AVERAGE POWER SETUP



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7.3. LIMITS AND MEASUREMENT RESULT

Test Data of Conducted Output Power for band 5.15-5.25 GHz-Ant 1				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	14.30	23.98	Pass
	5200	13.93	23.98	Pass
	5240	13.46	23.98	Pass
802.11n20	5180	11.18	23.98	Pass
	5200	10.91	23.98	Pass
	5240	10.61	23.98	Pass
802.11n40	5190	11.38	23.98	Pass
	5230	10.87	23.98	Pass
802.11ac20	5180	10.79	23.98	Pass
	5200	10.08	23.98	Pass
	5240	9.86	23.98	Pass
802.11ac40	5190	11.05	23.98	Pass
	5230	10.76	23.98	Pass
802.11ac80	5210	9.84	23.98	Pass

Test Data of Conducted Output Power for band 5.725-5.85 GHz-Ant 1				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	12.97	30	Pass
	5785	12.76	30	Pass
	5825	11.94	30	Pass
802.11n20	5745	10.72	30	Pass
	5785	11.00	30	Pass
	5825	10.03	30	Pass
802.11n40	5755	11.48	30	Pass
	5795	11.64	30	Pass
802.11ac20	5745	10.76	30	Pass
	5785	11.33	30	Pass
	5825	10.50	30	Pass
802.11ac40	5755	11.60	30	Pass
	5795	11.55	30	Pass
802.11ac80	5775	11.81	30	Pass

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Test Data of Conducted Output Power for band 5.15-5.25 GHz-Ant 2				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	15.16	23.98	Pass
	5200	15.15	23.98	Pass
	5240	15.34	23.98	Pass
802.11n20	5180	13.20	23.98	Pass
	5200	13.04	23.98	Pass
	5240	13.33	23.98	Pass
802.11n40	5190	13.21	23.98	Pass
	5230	13.37	23.98	Pass
802.11ac20	5180	11.59	23.98	Pass
	5200	11.56	23.98	Pass
	5240	11.62	23.98	Pass
802.11ac40	5190	11.90	23.98	Pass
	5230	11.99	23.98	Pass
802.11ac80	5210	12.30	23.98	Pass

Test Data of Conducted Output Power for band 5.725-5.85 GHz-Ant 2				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	15.07	30	Pass
	5785	15.02	30	Pass
	5825	14.30	30	Pass
802.11n20	5745	13.18	30	Pass
	5785	13.14	30	Pass
	5825	12.53	30	Pass
802.11n40	5755	13.08	30	Pass
	5795	13.23	30	Pass
802.11ac20	5745	12.58	30	Pass
	5785	12.59	30	Pass
	5825	12.06	30	Pass
802.11ac40	5755	12.66	30	Pass
	5795	12.68	30	Pass
802.11ac80	5775	12.52	30	Pass

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Test Data of Conducted Output Power for band 5.15-5.25 GHz-MIMO				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11n20	5180	15.32	23.98	Pass
	5200	15.11	23.98	Pass
	5240	15.19	23.98	Pass
802.11n40	5190	15.40	23.98	Pass
	5230	15.31	23.98	Pass
802.11ac20	5180	14.22	23.98	Pass
	5200	13.89	23.98	Pass
	5240	13.84	23.98	Pass
802.11ac40	5190	14.51	23.98	Pass
	5230	14.43	23.98	Pass
802.11ac80	5210	14.25	23.98	Pass

Test Data of Conducted Output Power for band 5.725-5.85 GHz-MIMO				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11n20	5745	15.13	30	Pass
	5785	15.21	30	Pass
	5825	14.47	30	Pass
802.11n40	5755	15.36	30	Pass
	5795	15.52	30	Pass
802.11ac20	5745	14.77	30	Pass
	5785	15.02	30	Pass
	5825	14.36	30	Pass
802.11ac40	5755	15.13	30	Pass
	5795	15.15	30	Pass
802.11ac80	5775	15.19	30	Pass

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8. BANDWIDTH

8.1. MEASUREMENT PROCEDURE

-6dB bandwidth (DTS bandwidth):

1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 100kHz.
4. Set the VBW $\geq 3 \times \text{RBW}$. Detector = Peak. Trace mode = max hold.
5. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.

99% occupied bandwidth:

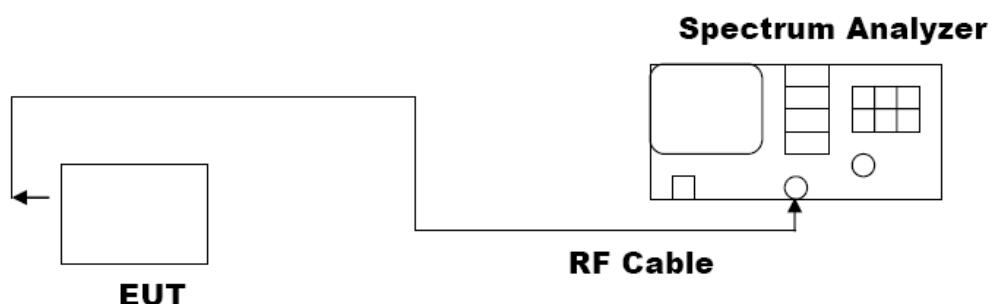
1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set Span = approximately 1.5 to 5 times the OBW, centered on a nominal channel
The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW and video bandwidth (VBW) shall be approximately three times RBW; Sweep = auto; Detector function = peak
4. Set SPA Trace 1 Max hold, then View.

-26dB Bandwidth:

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW $> \text{RBW}$.
3. Detector = Peak.
4. Trace mode = max hold.
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.
Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Note: The EUT was tested according to KDB 789033 for compliance to FCC 47CFR 15.407 requirements.

8.2. TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)



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8.3. LIMITS AND MEASUREMENT RESULTS

Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz-Ant 1					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5180	16.900	30.000	N/A	Pass
	5200	16.693	28.301	N/A	Pass
	5240	16.643	27.083	N/A	Pass
802.11n20	5180	17.498	20.371	N/A	Pass
	5200	17.507	20.387	N/A	Pass
	5240	17.518	20.552	N/A	Pass
802.11n40	5190	36.210	42.216	N/A	Pass
	5230	36.171	42.175	N/A	Pass
802.11ac20	5180	17.537	20.434	N/A	Pass
	5200	17.533	20.408	N/A	Pass
	5240	17.527	20.605	N/A	Pass
802.11ac40	5190	36.210	41.718	N/A	Pass
	5230	36.195	41.830	N/A	Pass
802.11ac80	5210	75.312	81.497	N/A	Pass

Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz-Ant 1					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.466	16.325	0.5	Pass
	5785	16.529	16.304	0.5	Pass
	5825	16.521	16.306	0.5	Pass
802.11n20	5745	17.542	16.942	0.5	Pass
	5785	17.563	16.856	0.5	Pass
	5825	17.558	16.799	0.5	Pass
802.11n40	5755	36.286	35.493	0.5	Pass
	5795	36.261	35.468	0.5	Pass
802.11ac20	5745	17.600	16.934	0.5	Pass
	5785	17.582	16.782	0.5	Pass
	5825	17.598	16.565	0.5	Pass
802.11ac40	5755	36.313	35.491	0.5	Pass
	5795	36.292	35.763	0.5	Pass
802.11ac80	5775	75.361	75.135	0.5	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz-Ant 2					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5180	16.795	23.842	N/A	Pass
	5200	16.797	23.815	N/A	Pass
	5240	16.779	24.079	N/A	Pass
802.11n20	5180	19.085	24.111	N/A	Pass
	5200	19.085	24.123	N/A	Pass
	5240	19.049	24.921	N/A	Pass
802.11n40	5190	37.823	43.100	N/A	Pass
	5230	37.774	43.295	N/A	Pass
802.11ac20	5180	19.073	24.089	N/A	Pass
	5200	19.050	24.034	N/A	Pass
	5240	19.064	24.037	N/A	Pass
802.11ac40	5190	37.832	43.542	N/A	Pass
	5230	37.837	43.849	N/A	Pass
802.11ac80	5210	76.851	83.035	N/A	Pass

Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz-Ant 2					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.809	16.356	0.5	Pass
	5785	16.787	16.360	0.5	Pass
	5825	16.787	16.348	0.5	Pass
802.11n20	5745	19.060	18.724	0.5	Pass
	5785	19.052	18.827	0.5	Pass
	5825	19.071	18.640	0.5	Pass
802.11n40	5755	37.835	37.837	0.5	Pass
	5795	37.817	37.985	0.5	Pass
802.11ac20	5745	19.047	18.714	0.5	Pass
	5785	19.052	18.785	0.5	Pass
	5825	19.050	18.650	0.5	Pass
802.11ac40	5755	37.849	38.024	0.5	Pass
	5795	37.803	37.995	0.5	Pass
802.11ac80	5775	76.803	75.078	0.5	Pass

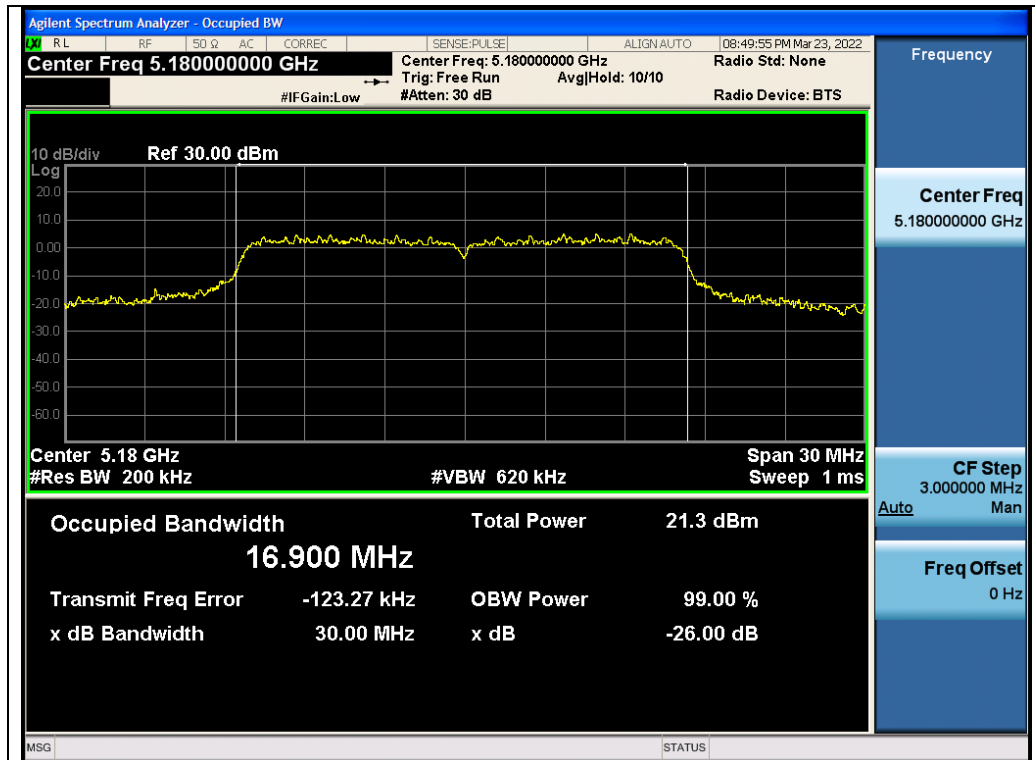
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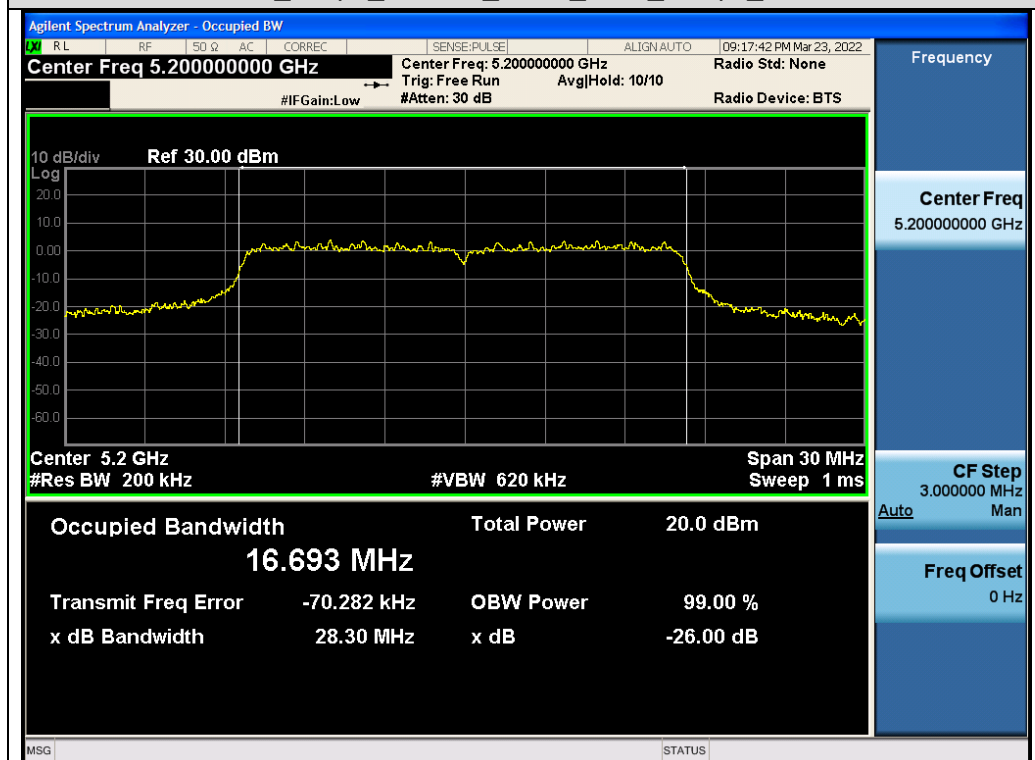
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Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz

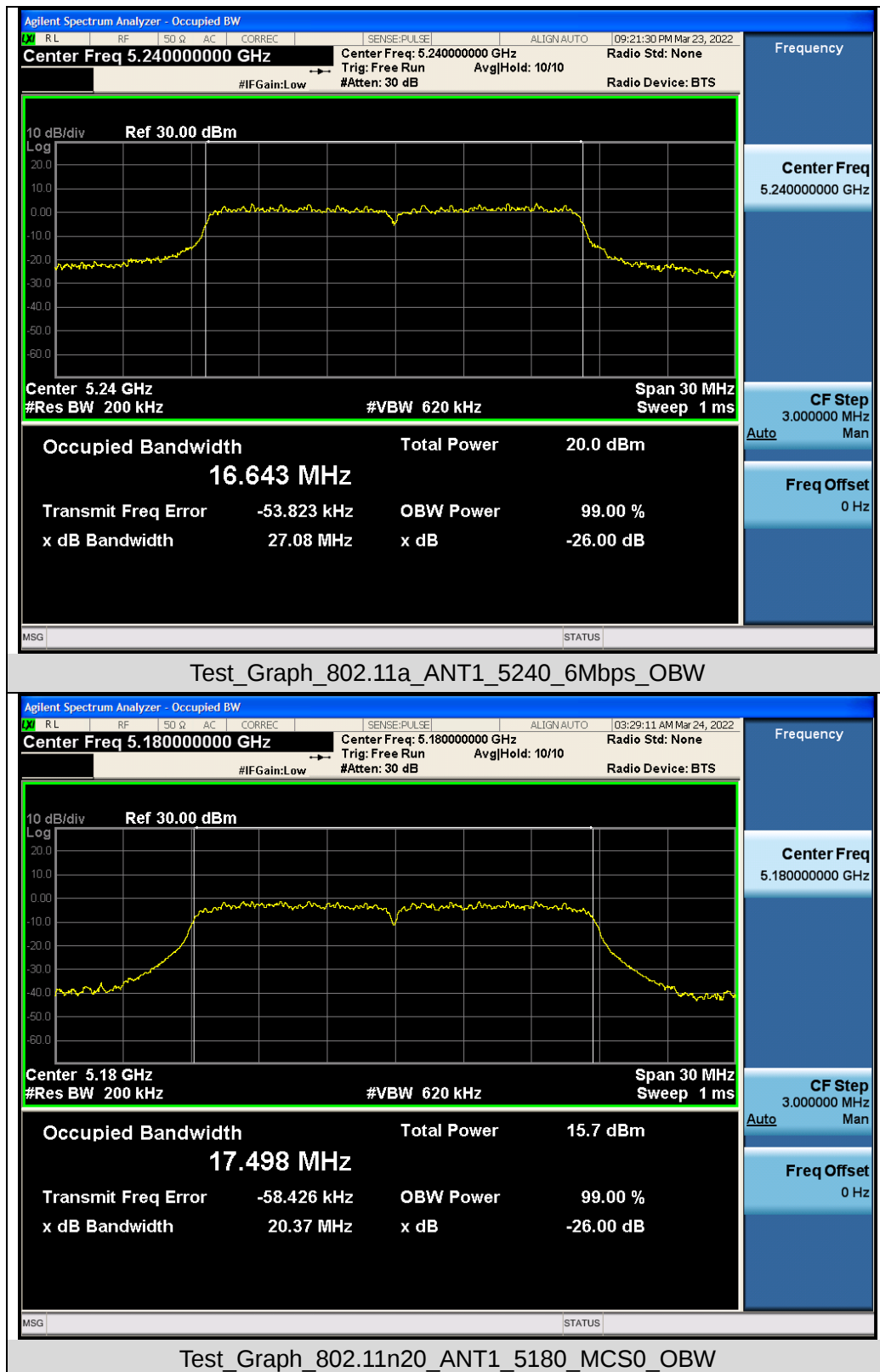


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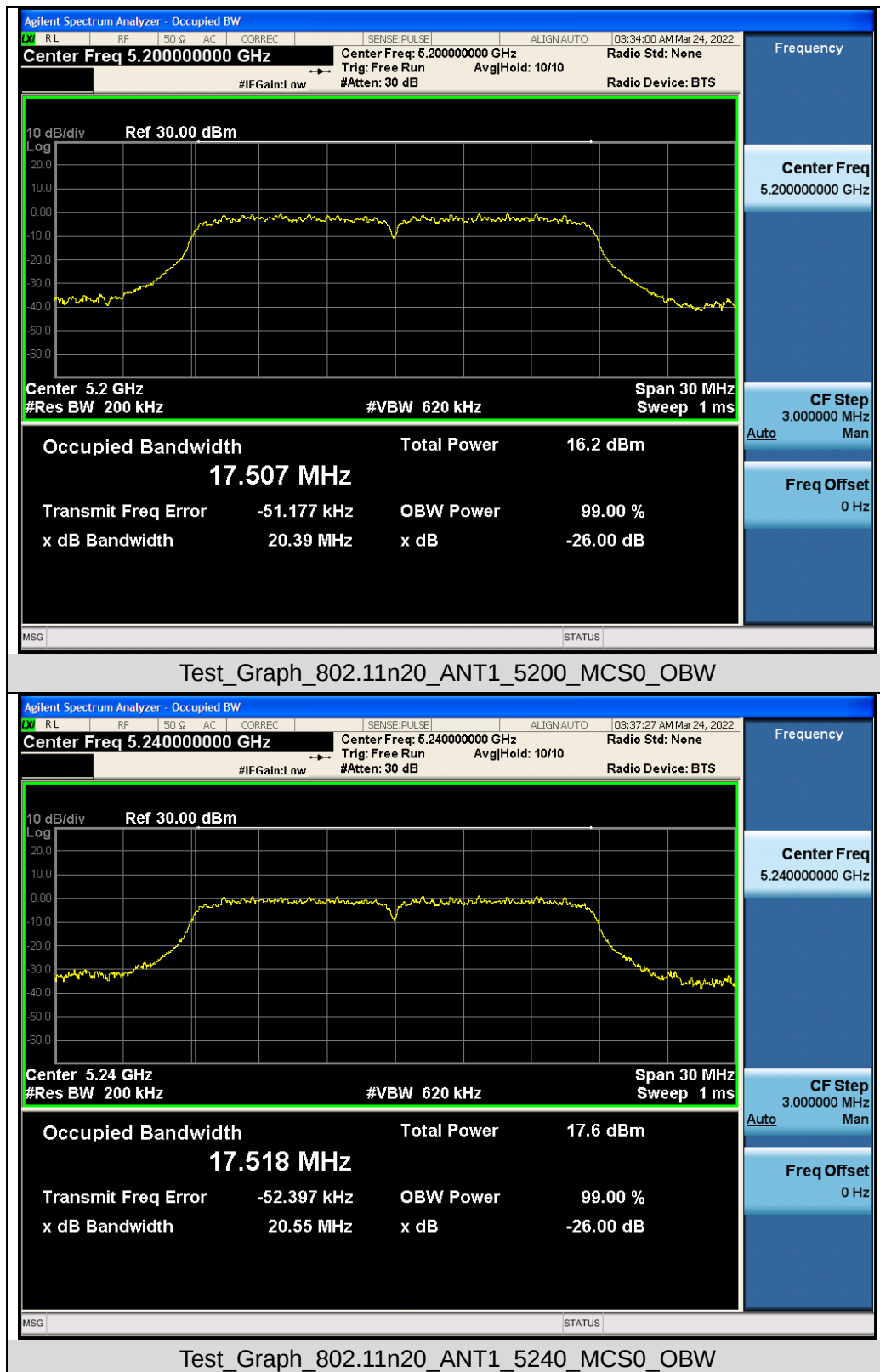


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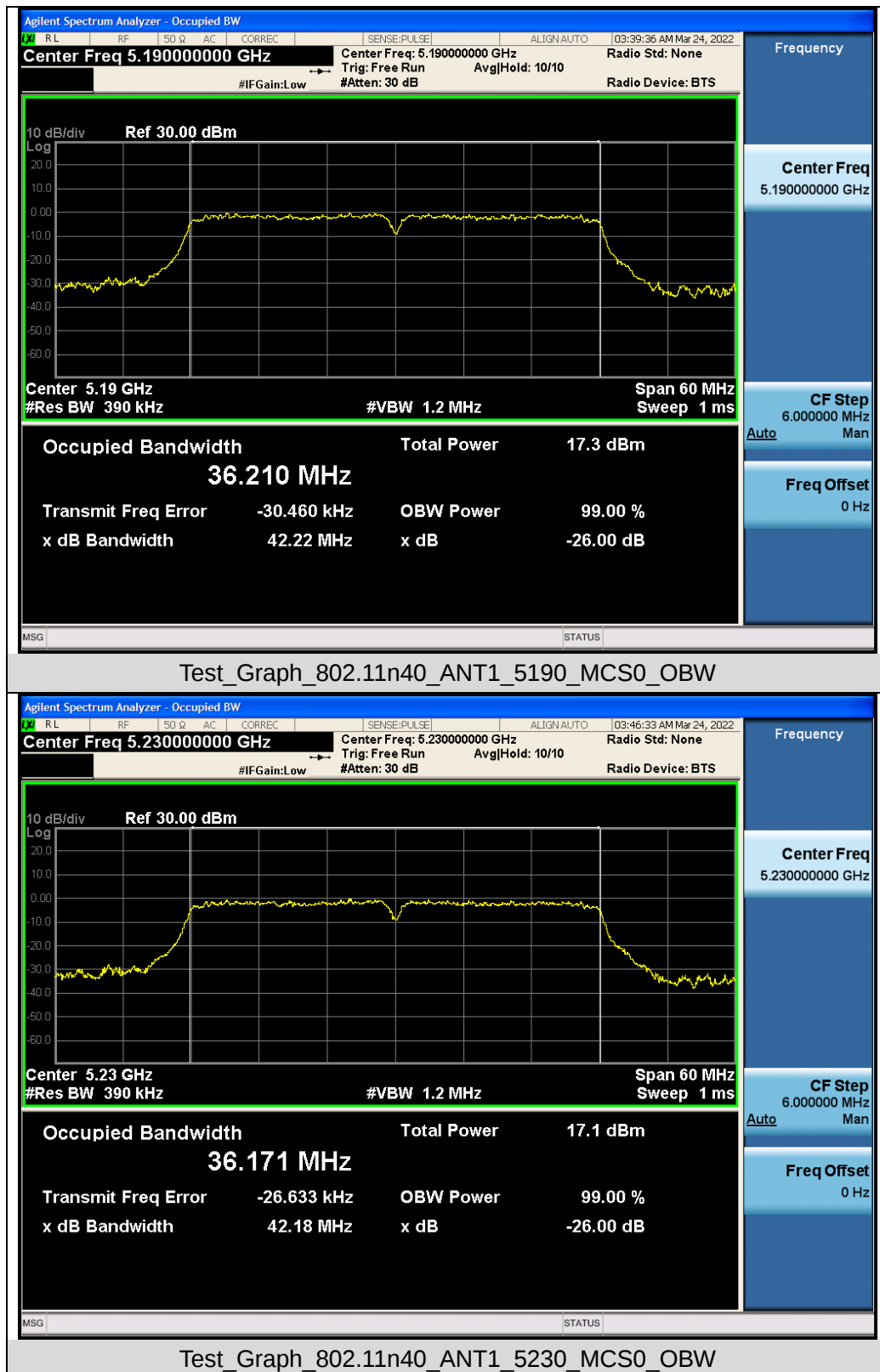
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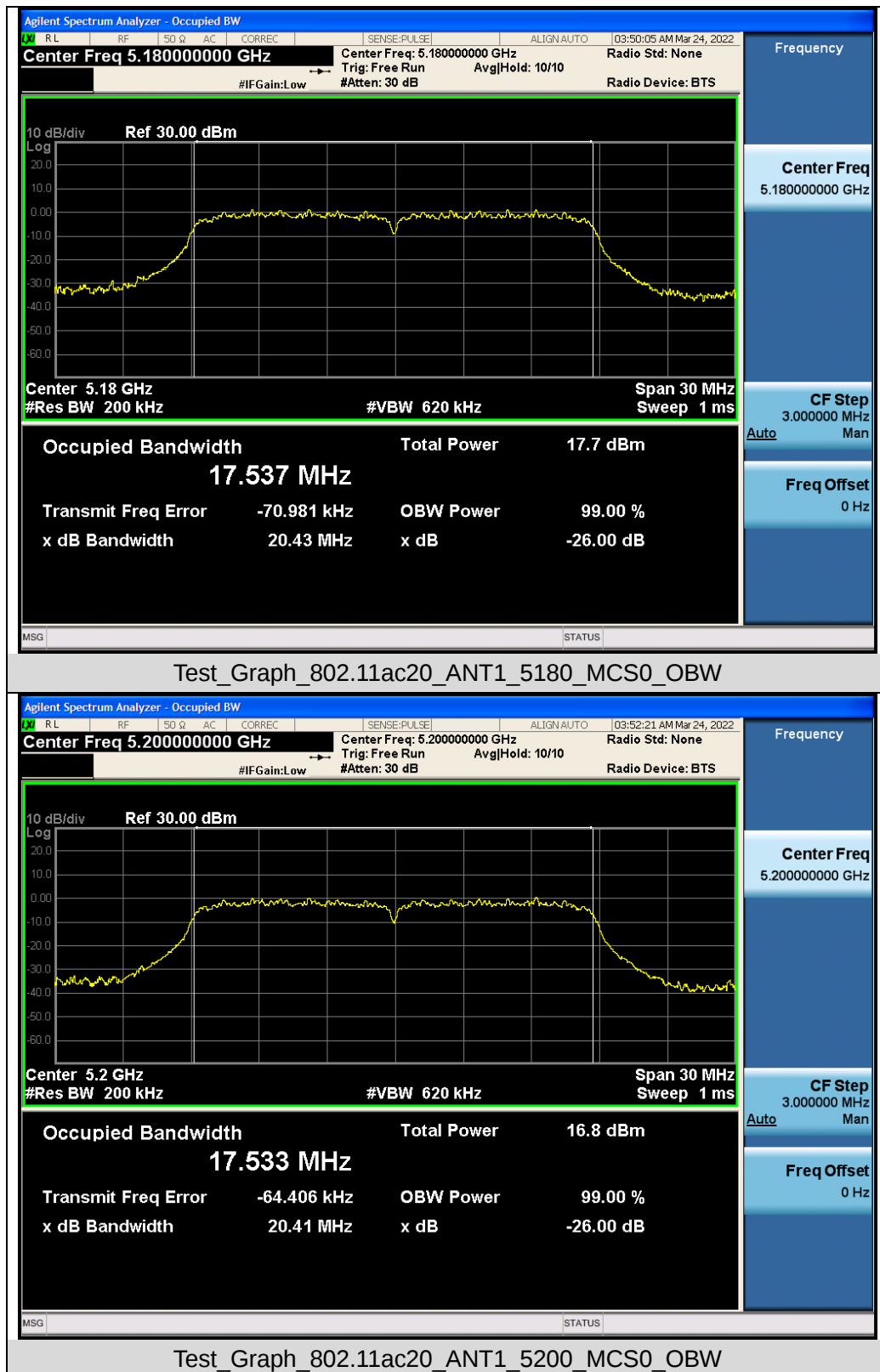
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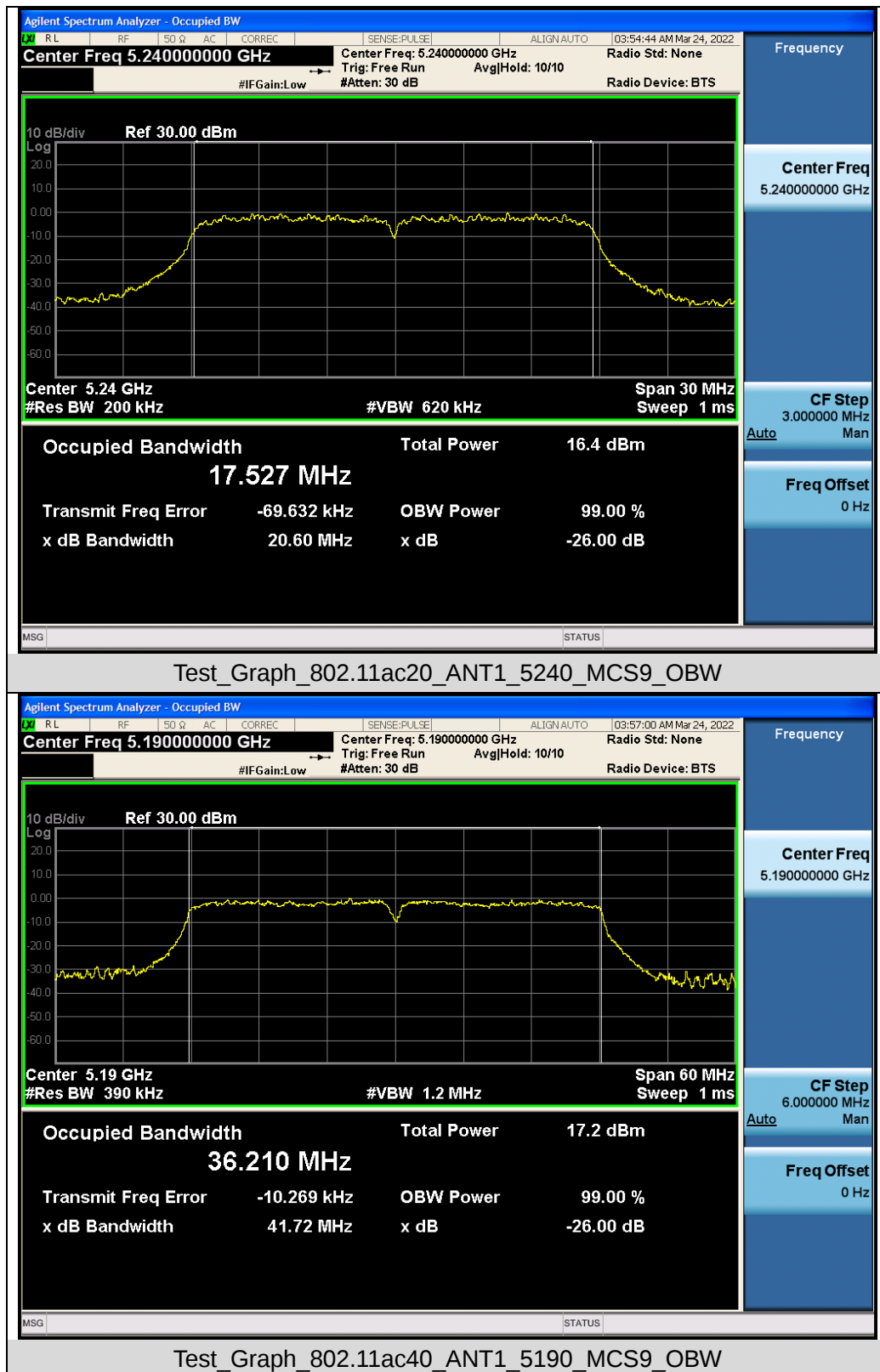
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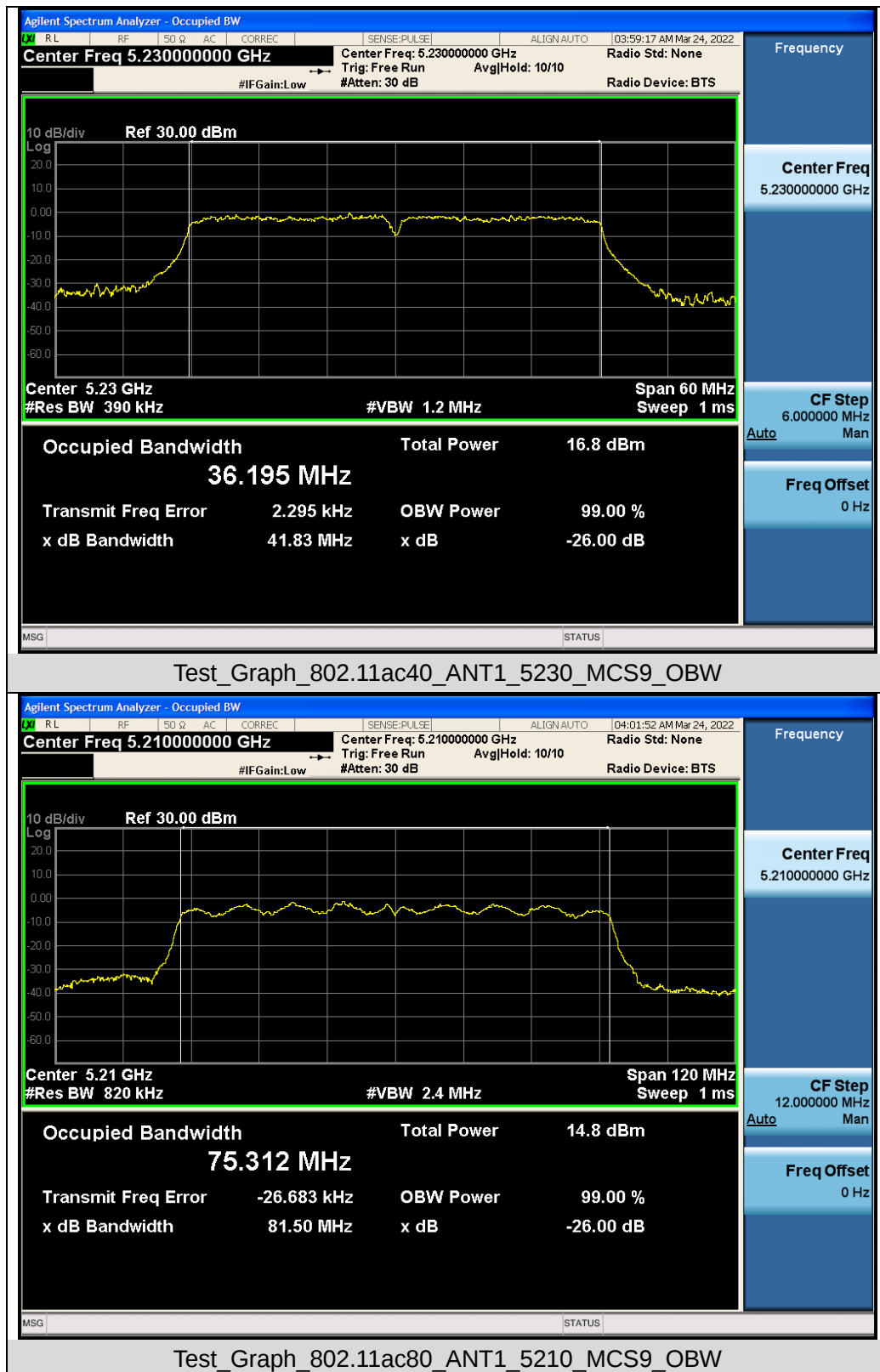
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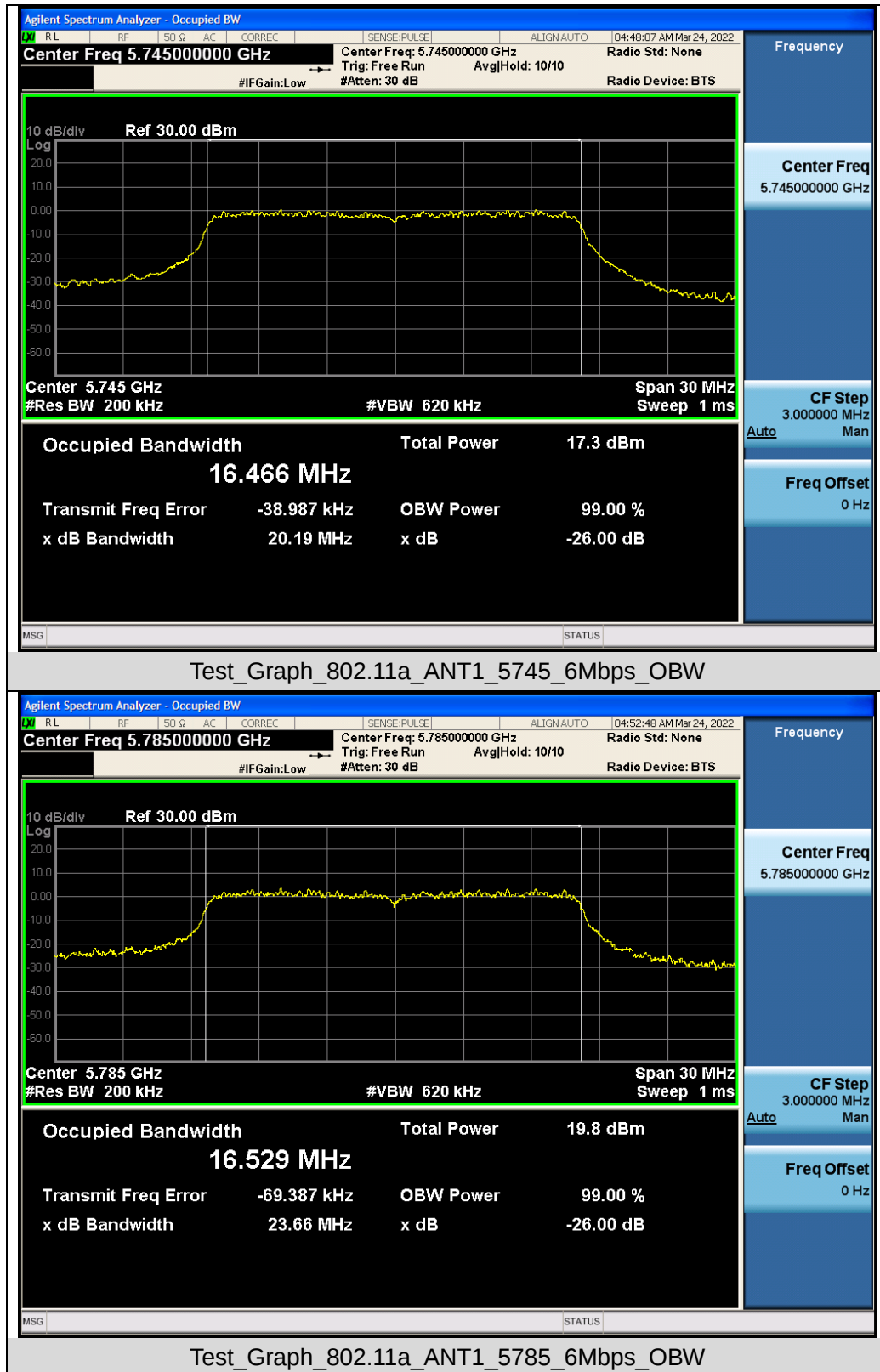


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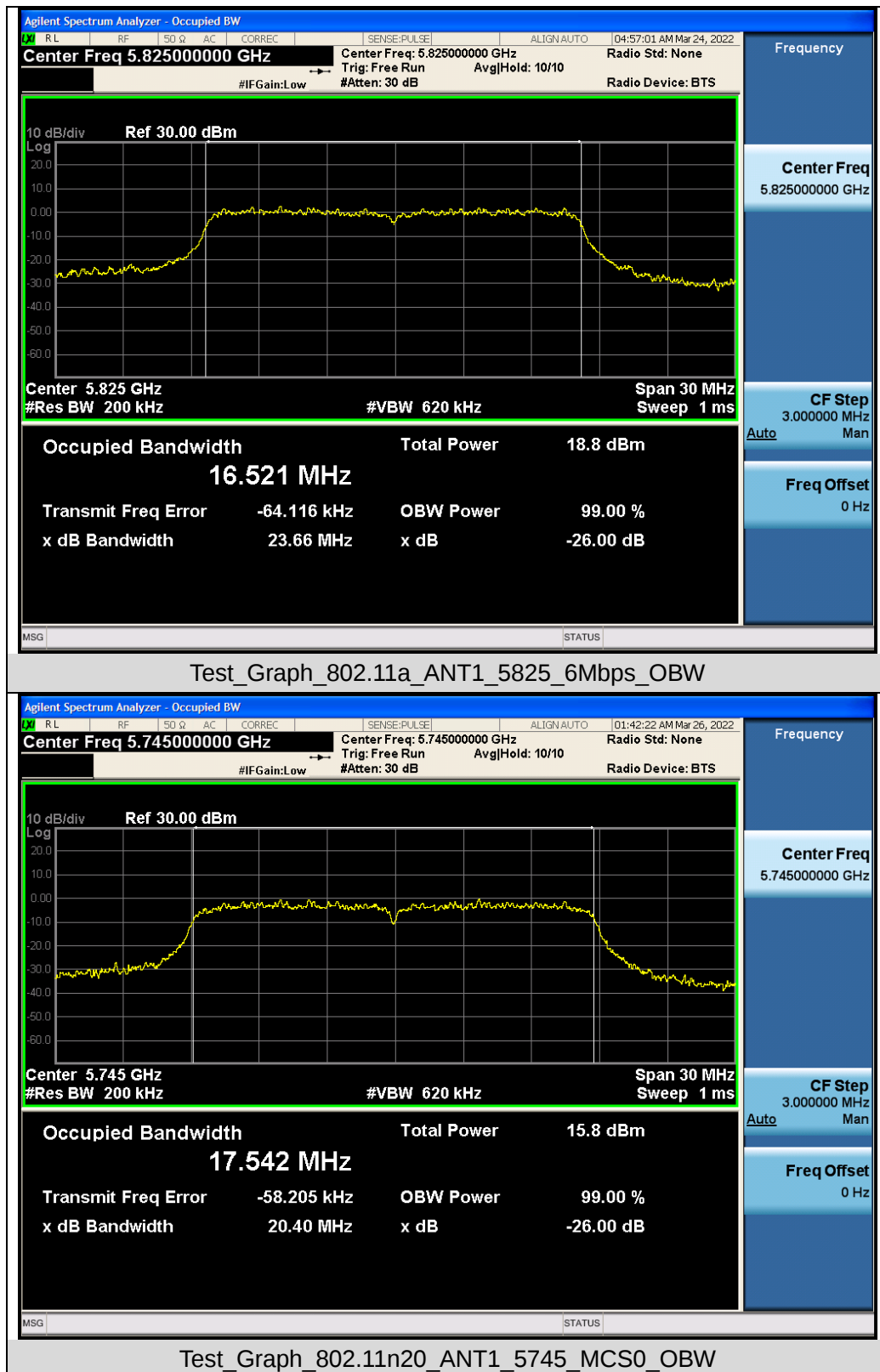


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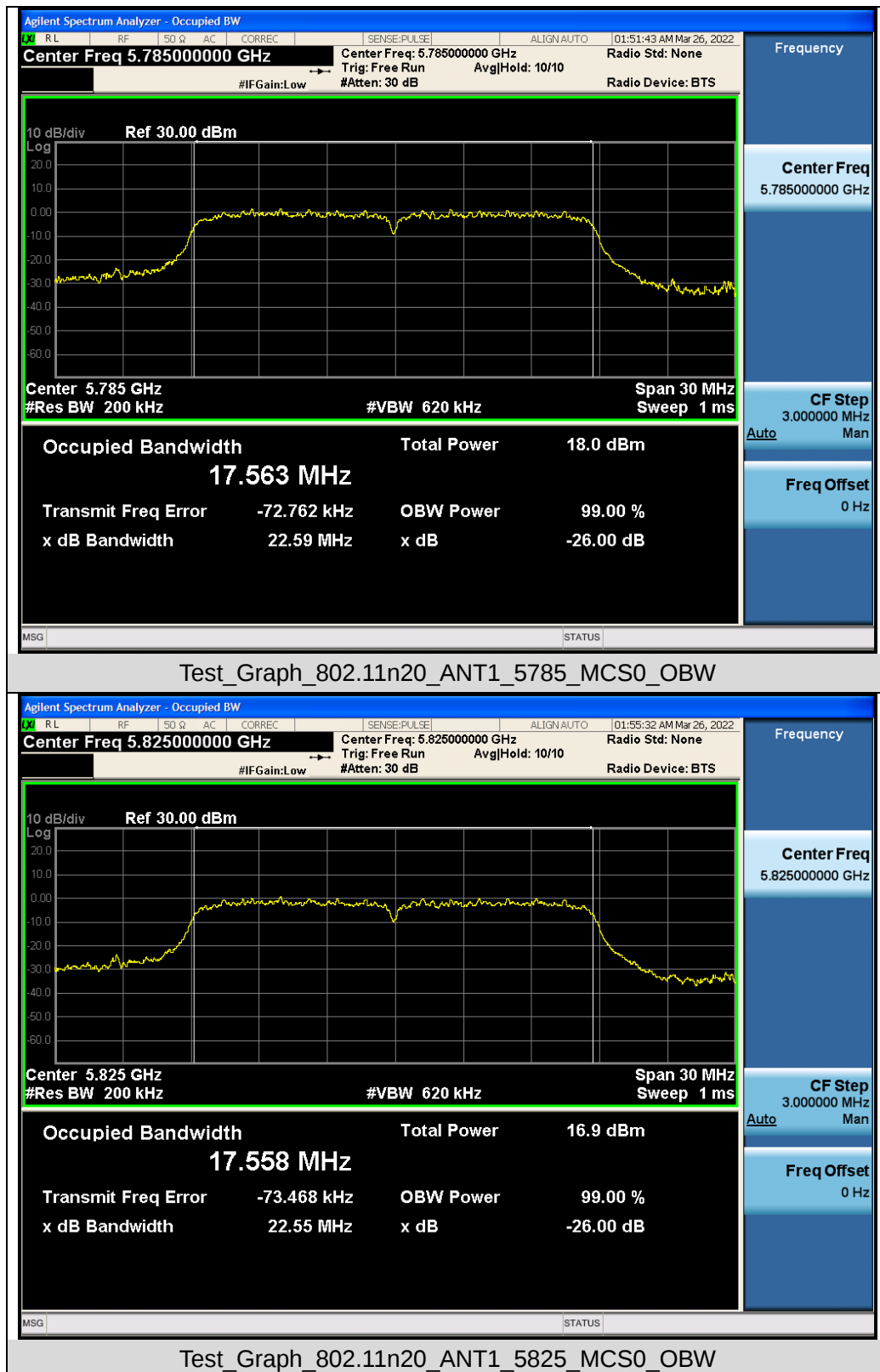
Test Graphs of Occupied Bandwidth for band 5.725-5.85 GHz



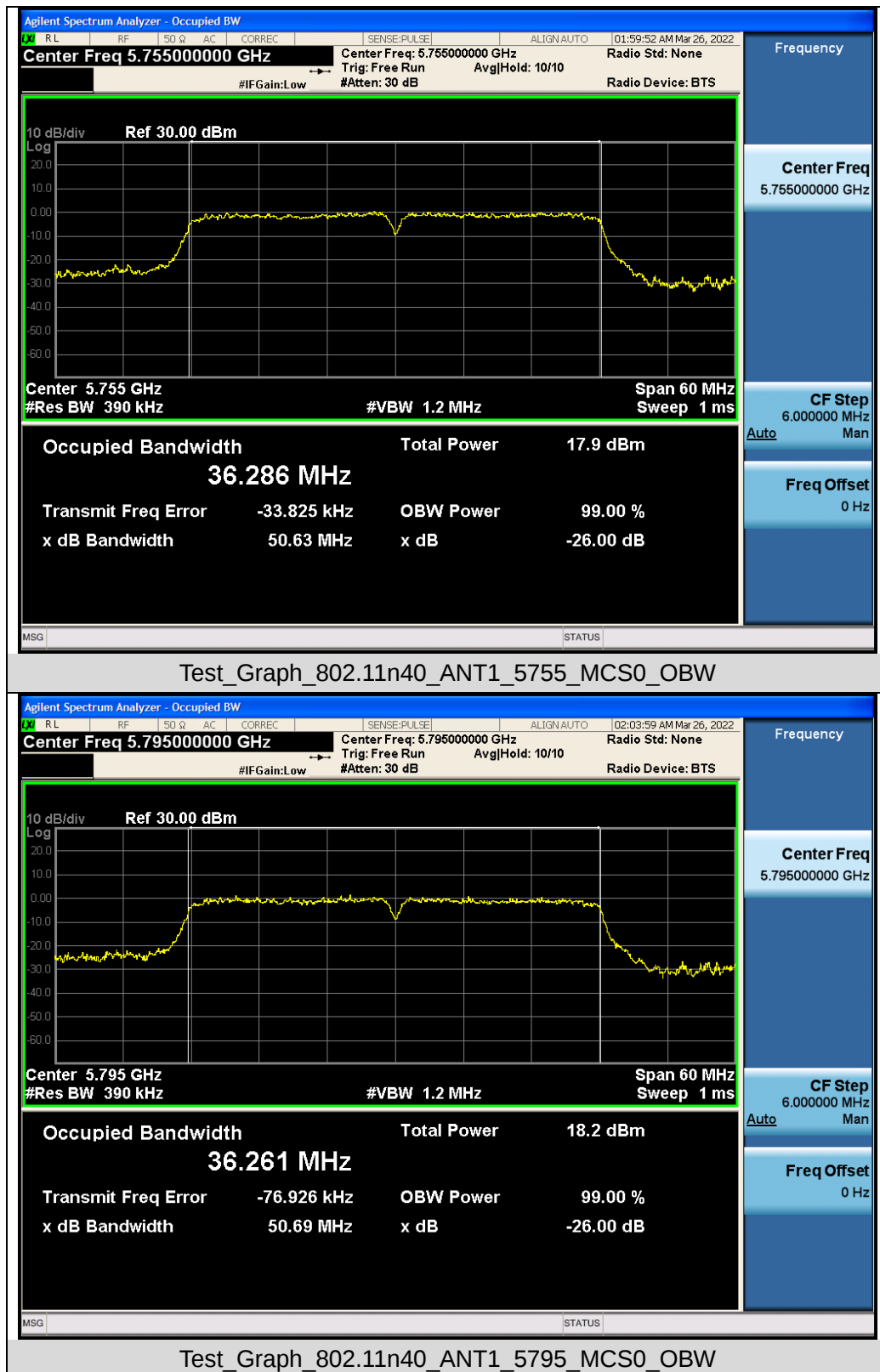
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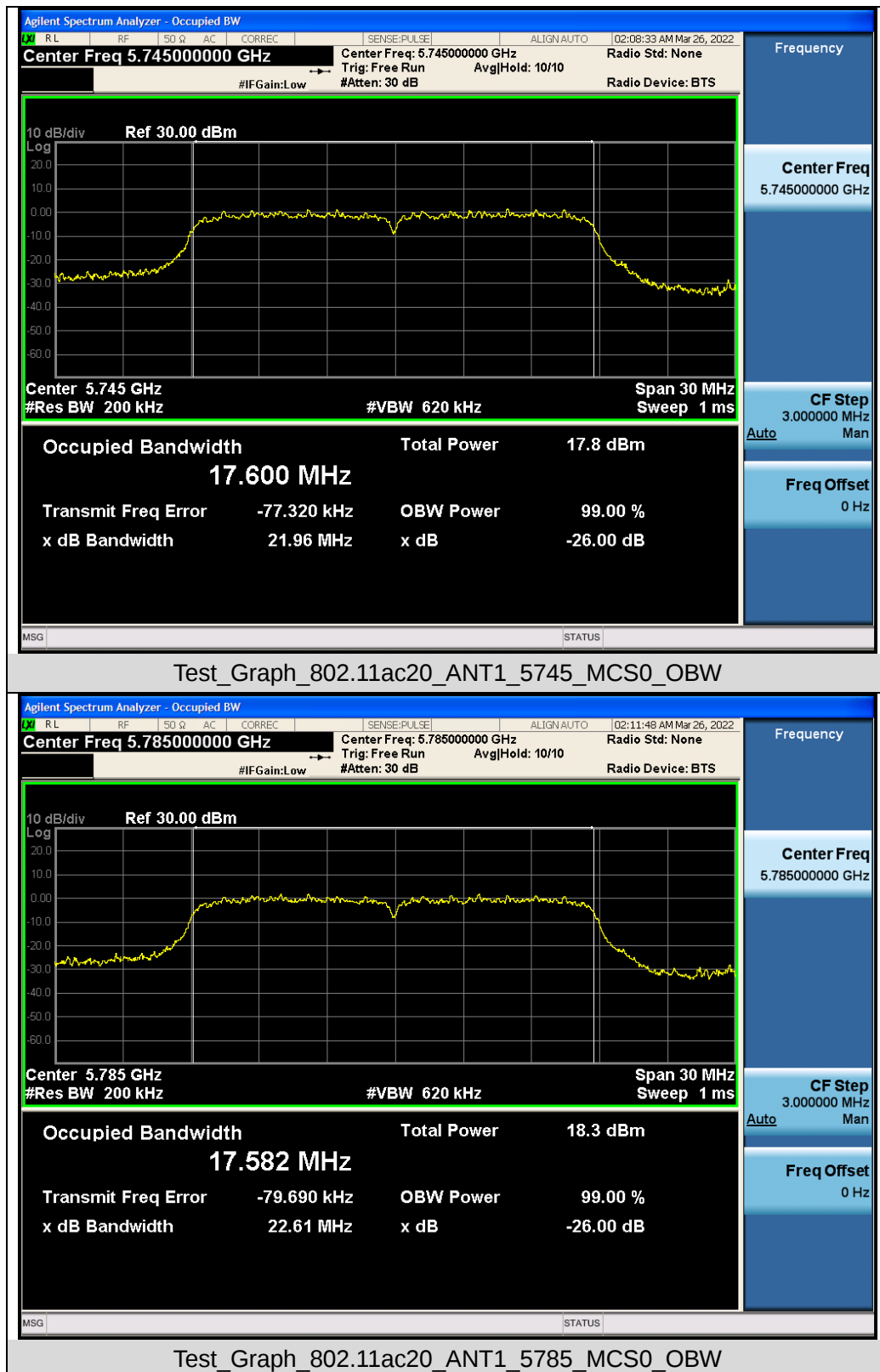
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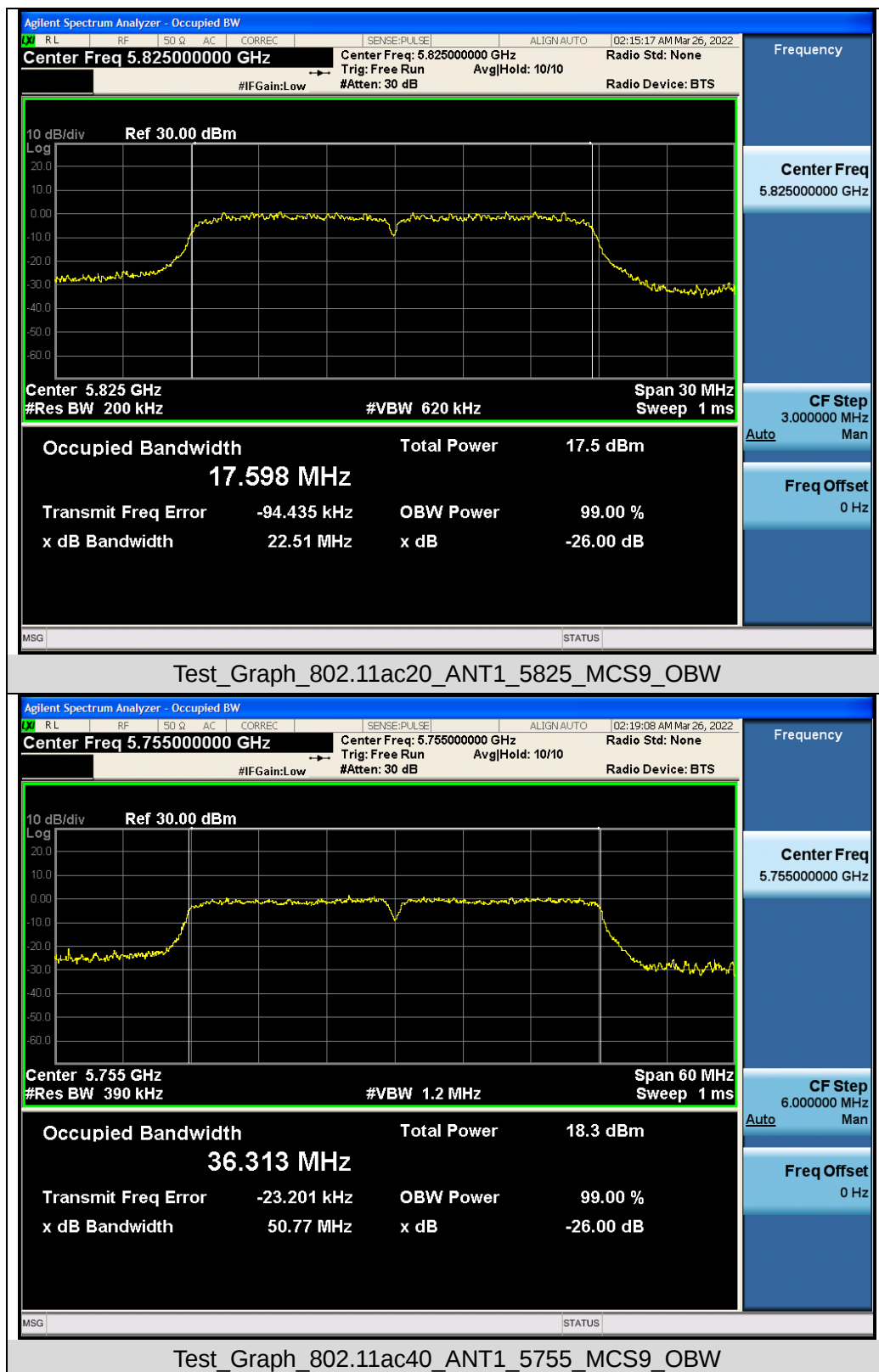
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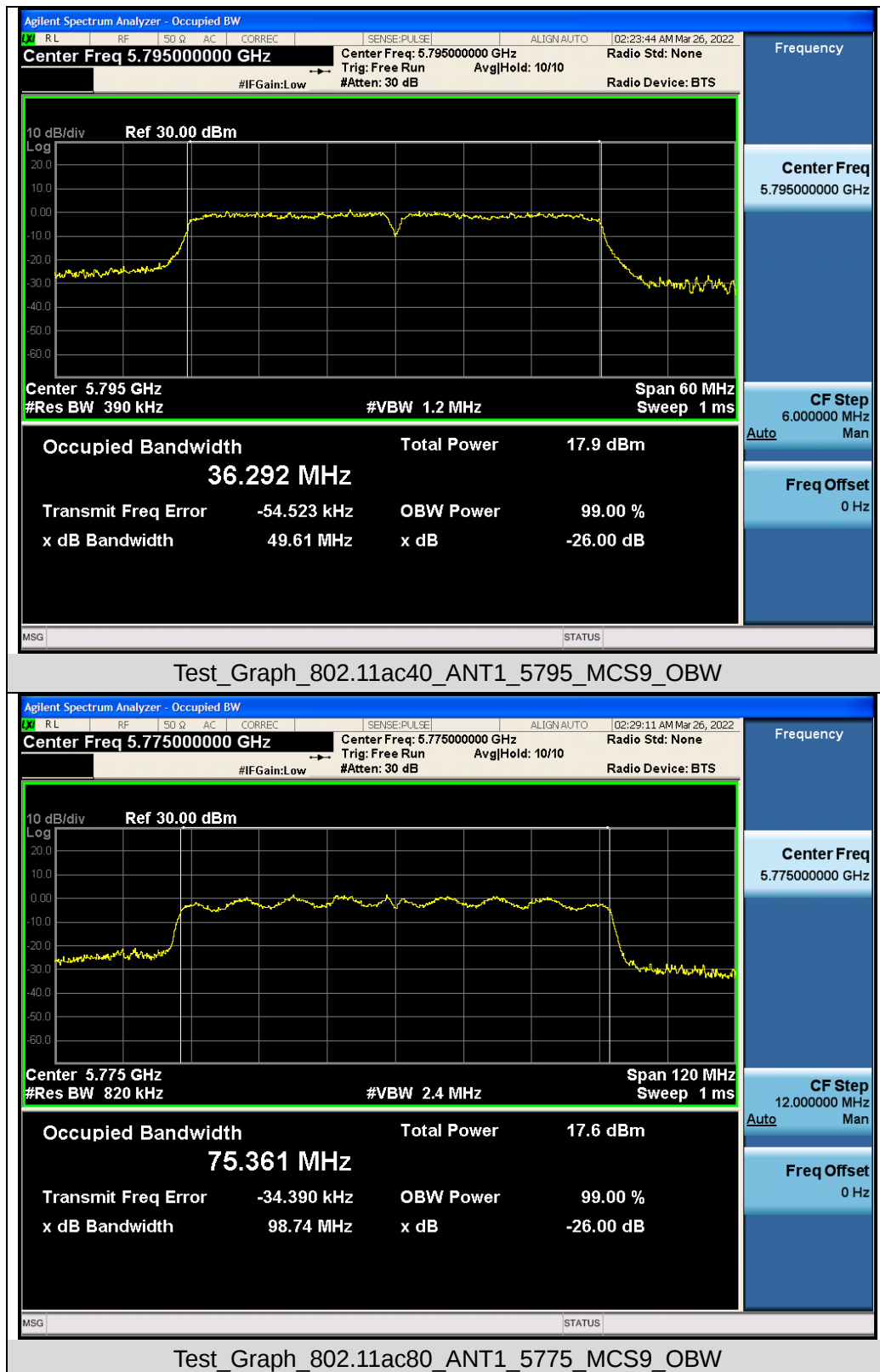
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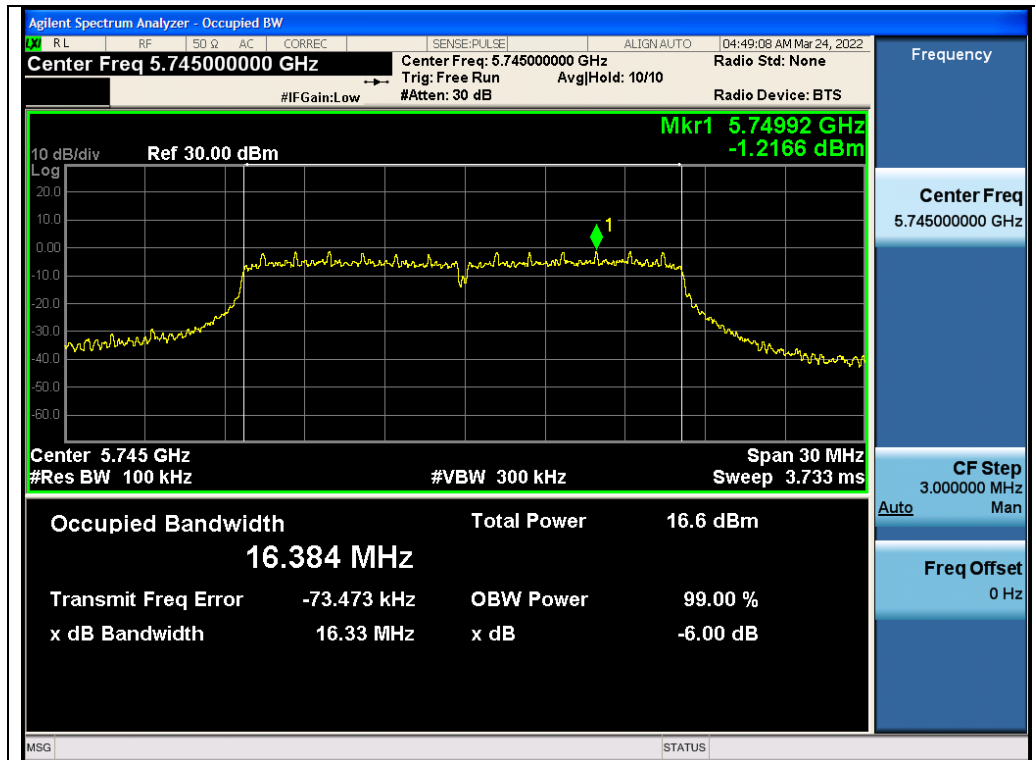


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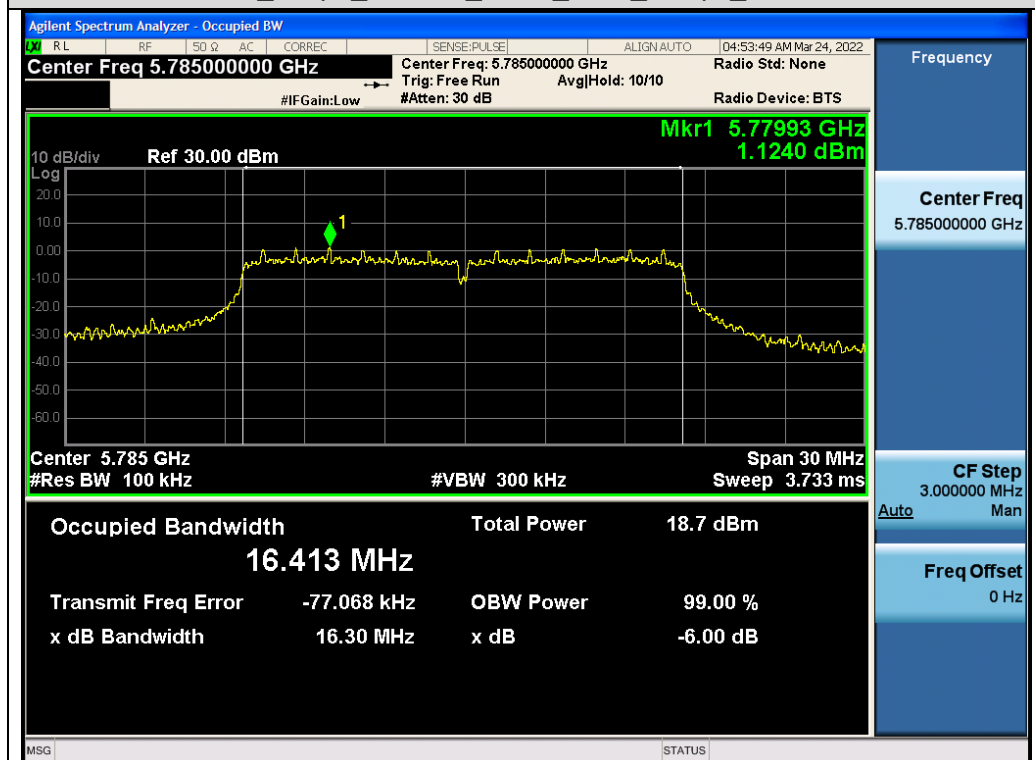


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Test Graphs of DTS Bandwidth for band 5.725-5.85 GHz

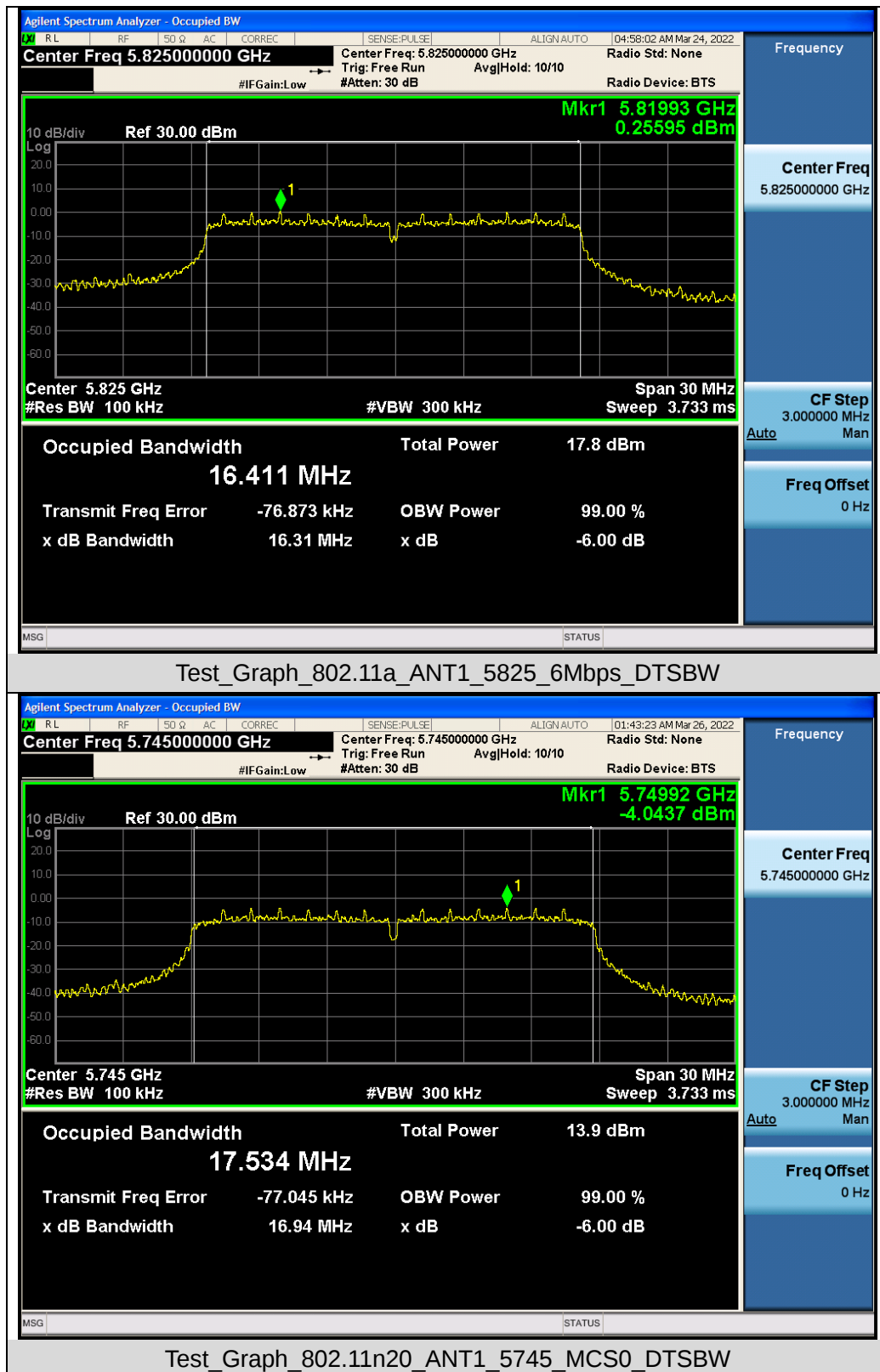


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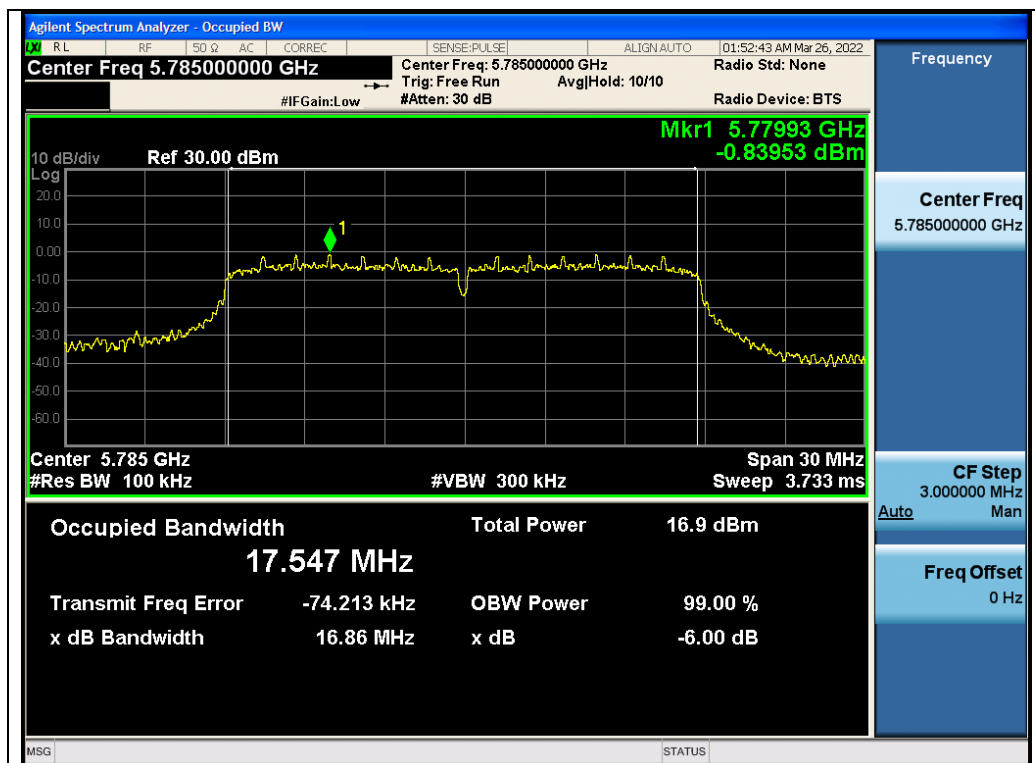


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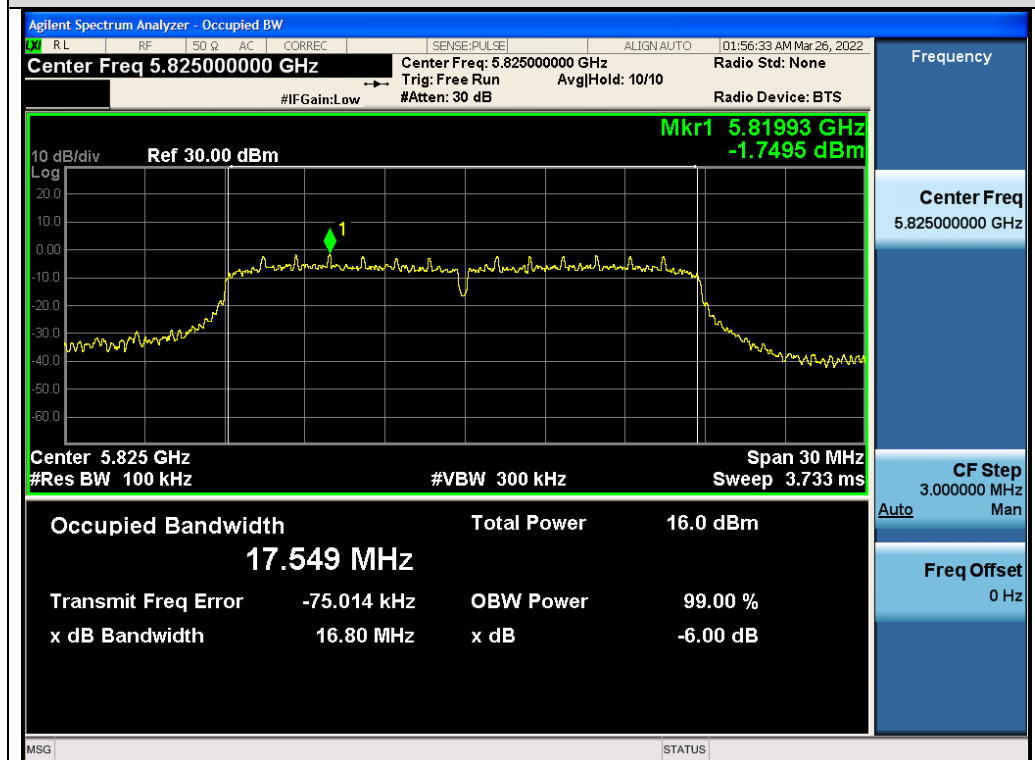
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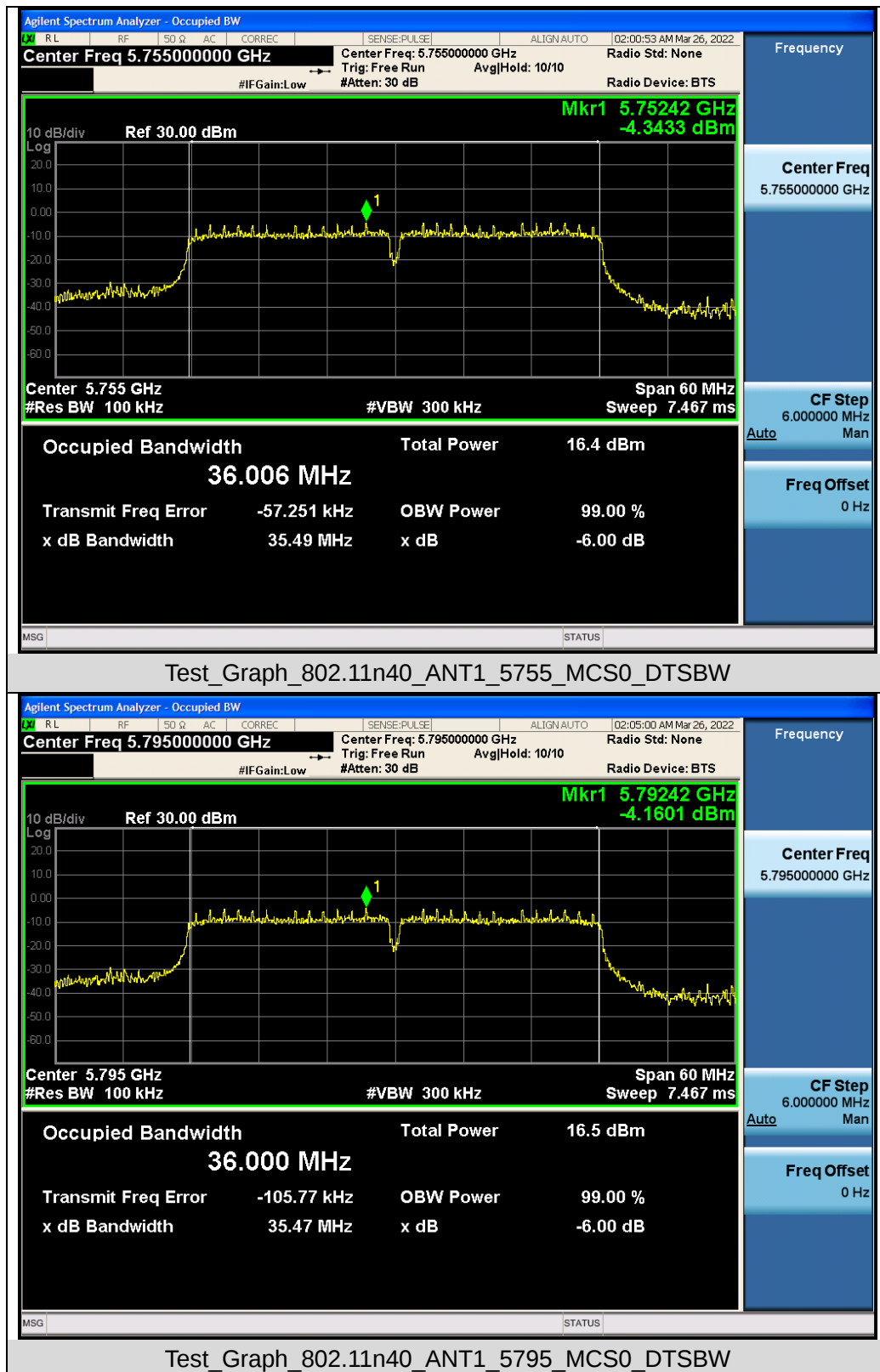


Test Graph 802.11n20 ANT1 5785 MCS0 DTBW

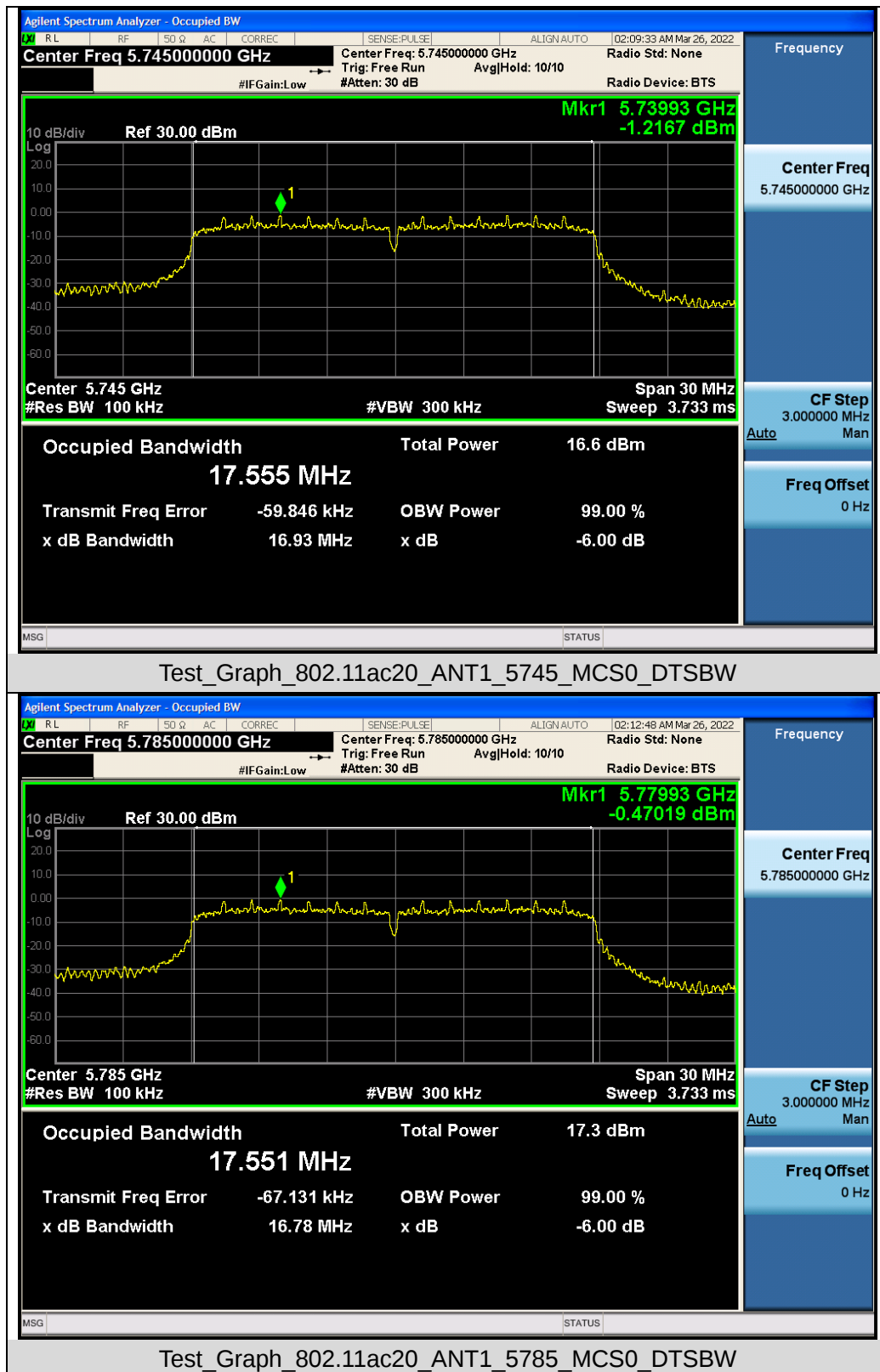
[illegible]

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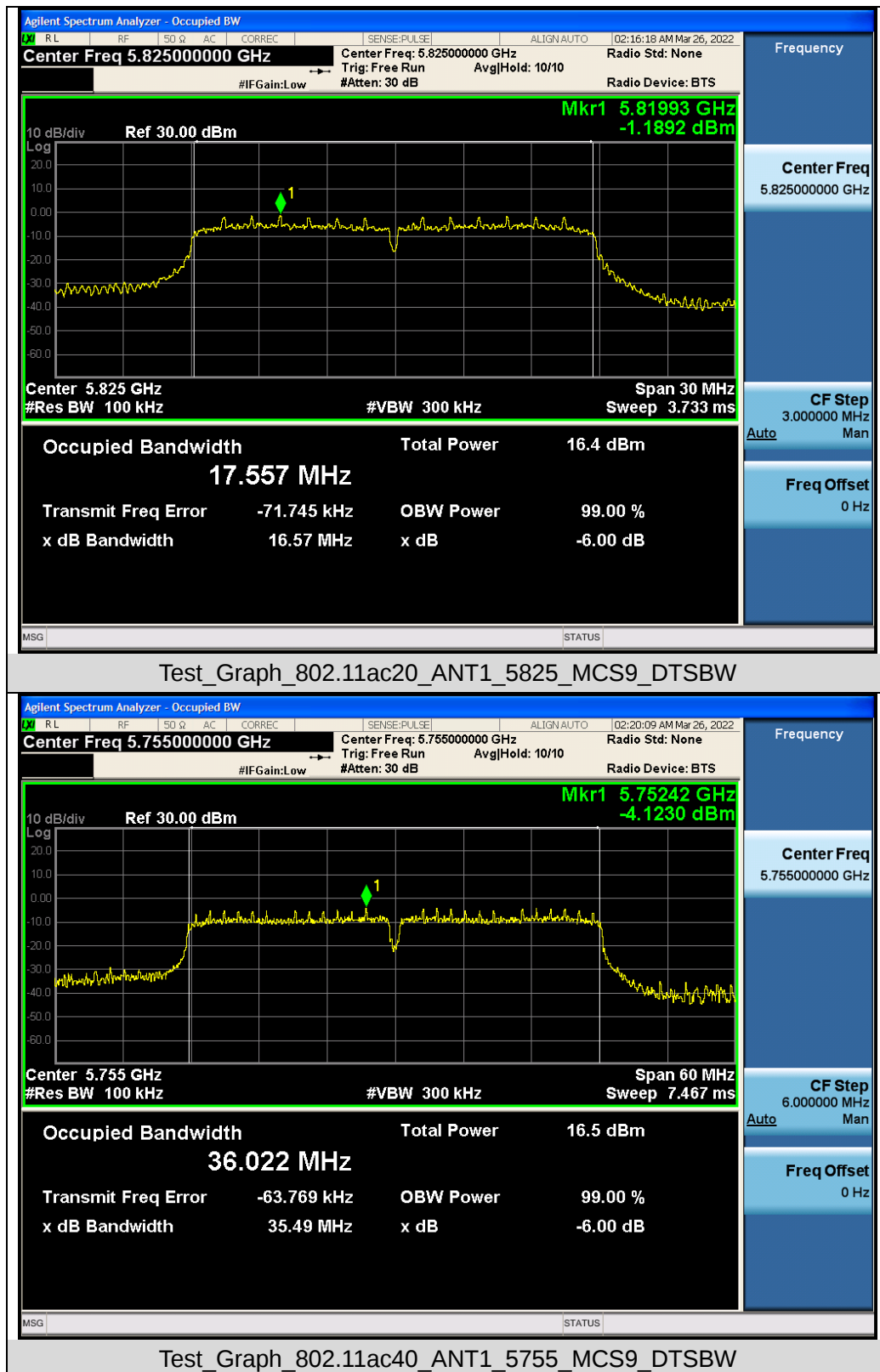
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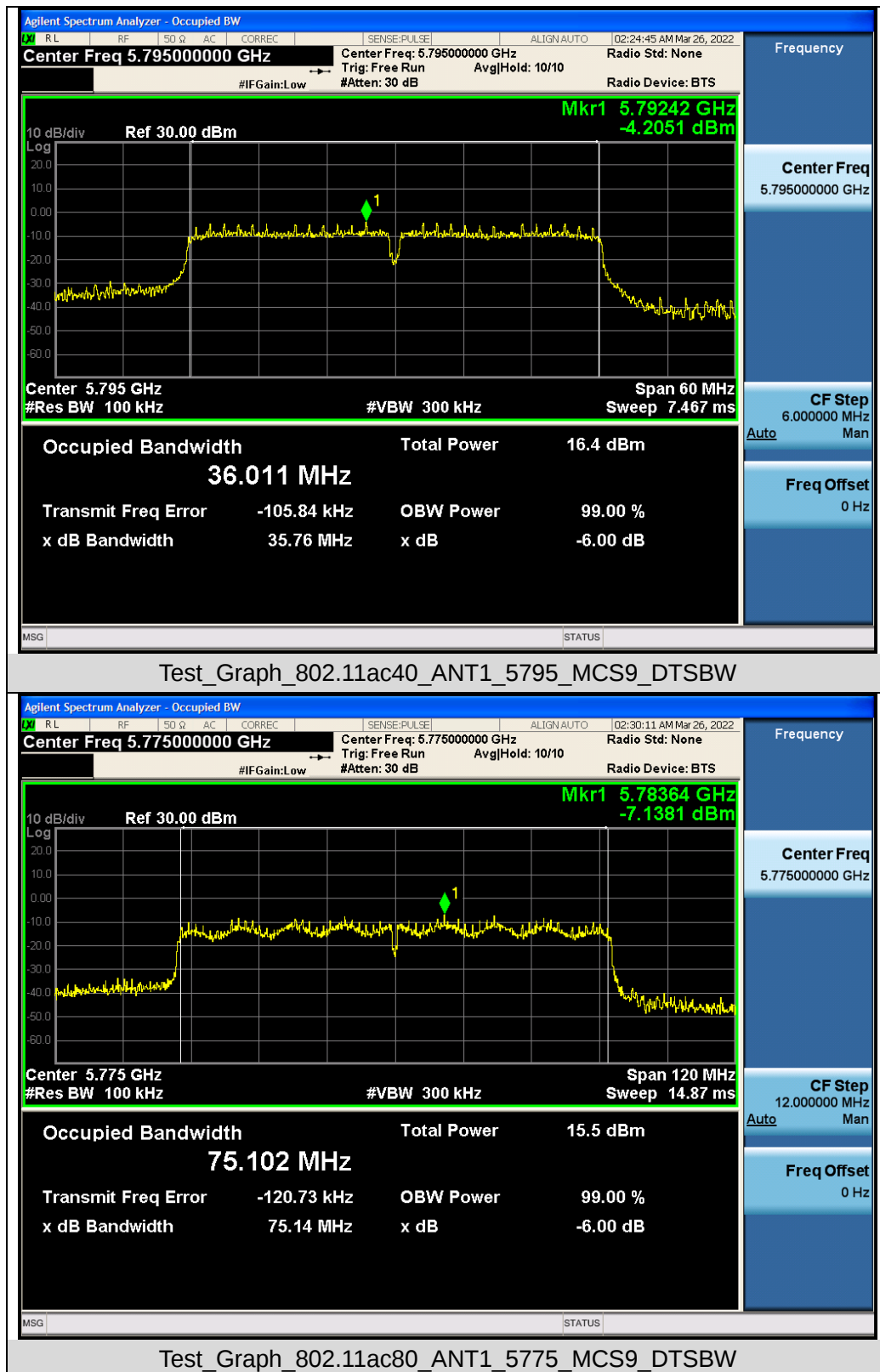
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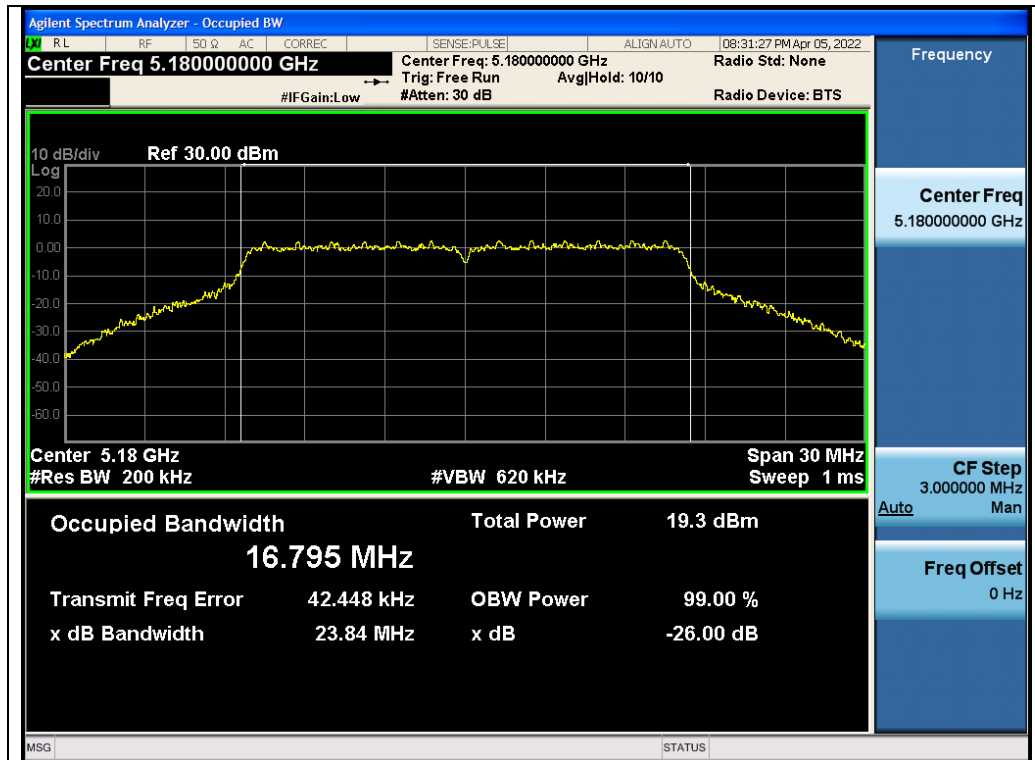


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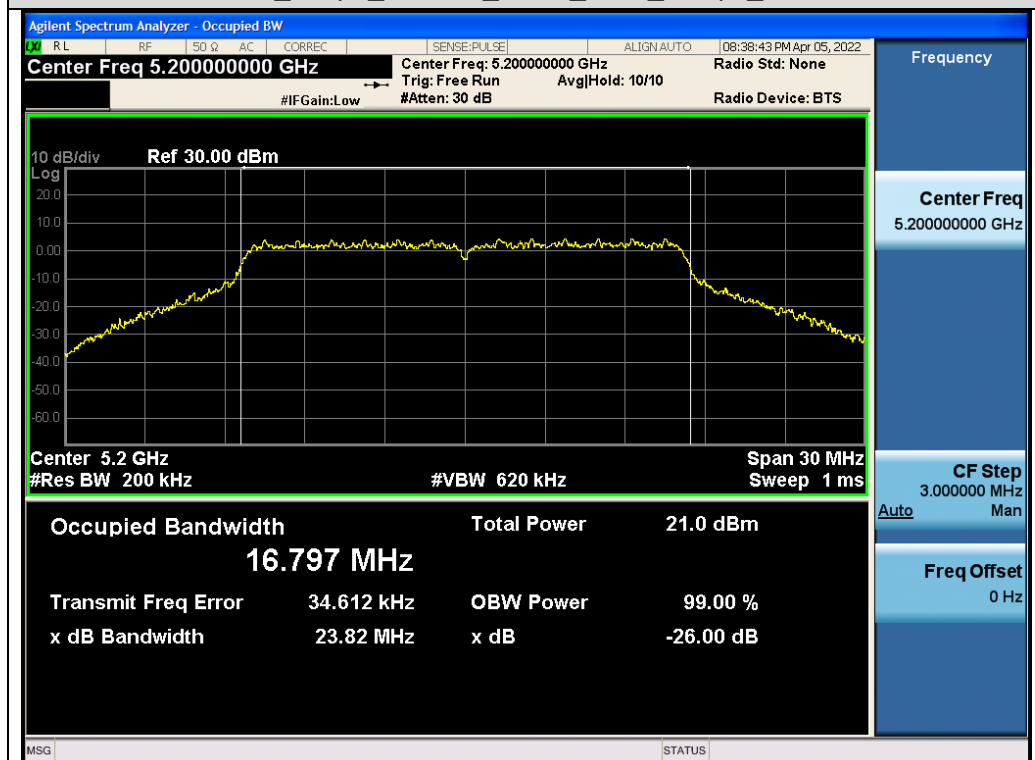


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Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz

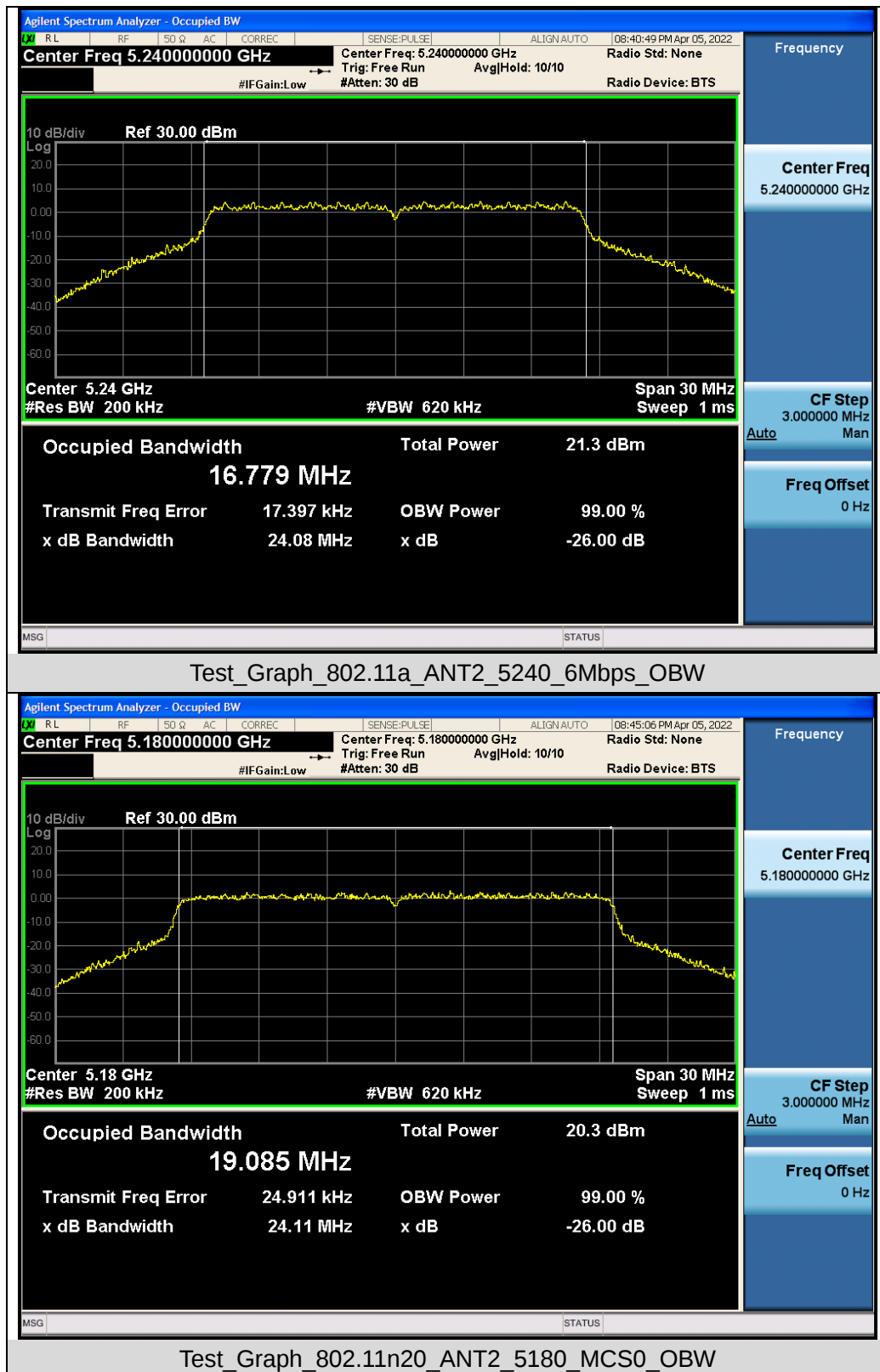


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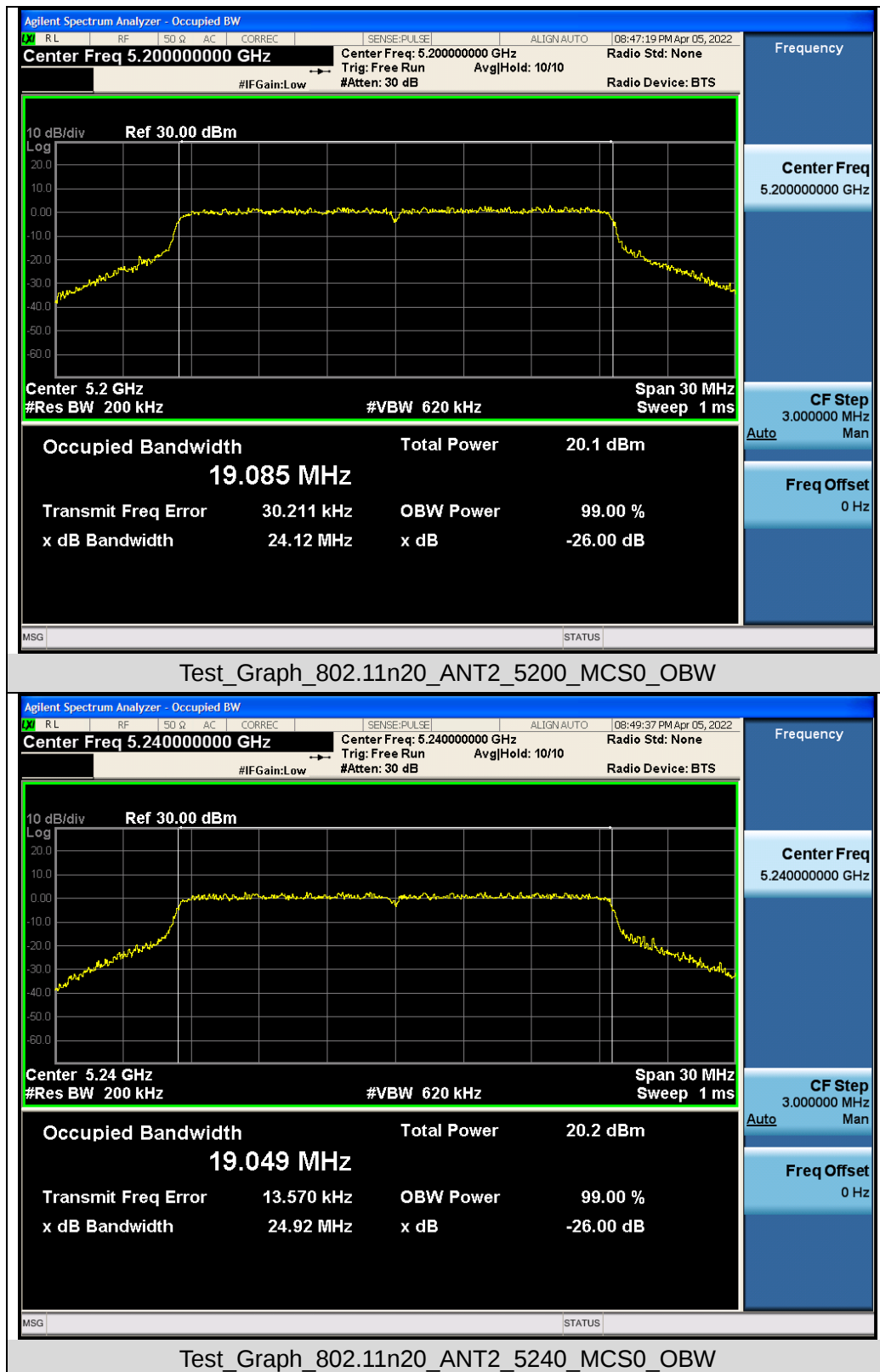


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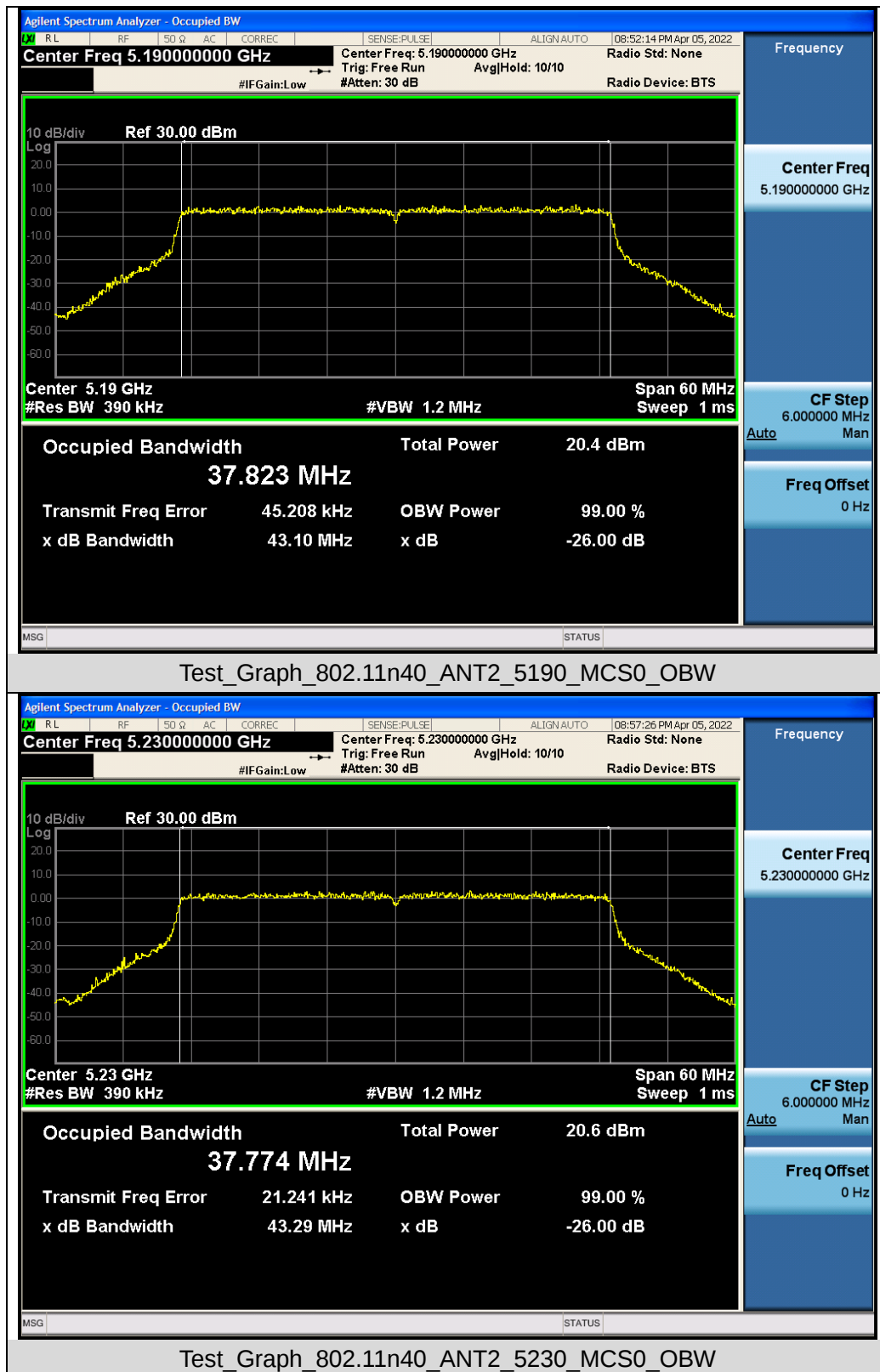
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