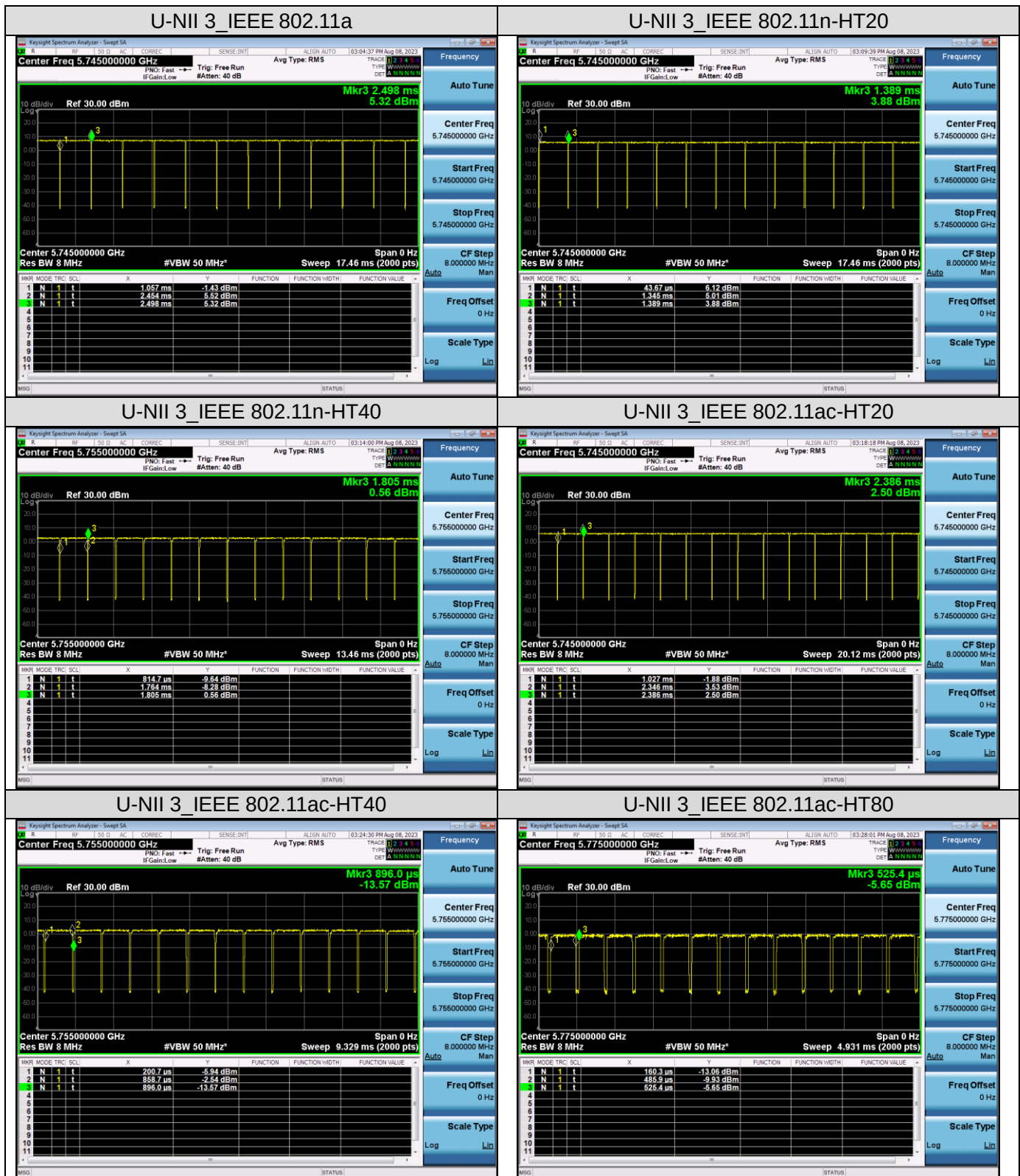




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Attestation of Global Compliance(Shenzhen)Co., Ltd
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd
Tel: +86-755 2523 4088 E-mail: agc@agccert.com Web: http://www.agccert.com/

3. TEST ENVIRONMENT

3.1 ADDRESS OF THE TEST LABORATORY

Laboratory: Attestation of Global Compliance (Shenzhen) Co., Ltd.

Address: 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

3.2 TEST FACILITY

The test facility is recognized, certified, or accredited by the following organizations:

CNAS-Lab Code: L5488

Attestation of Global Compliance (Shenzhen) Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No.: 5054.02

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 975832

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files with Registration 975832.

IC-Registration No.: 24842 (CAB identifier: CN0063)

Attestation of Global Compliance (Shenzhen) Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the Certification and Engineering Bureau of Industry Canada. The acceptance letter from the IC is maintained in our files with Registration 24842.

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3.3 ENVIRONMENTAL CONDITIONS

	NORMAL CONDITIONS	EXTREME CONDITIONS
Temperature range (°C)	15 - 35	-30 - 50
Relative humidity range	20 % - 75 %	20 % - 75 %
Pressure range (kPa)	86 - 106	86 - 106
Power supply	DC 3.85V	--

Note: The Extreme Temperature and Extreme Voltages declared by the manufacturer.

3.4 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	$U_c = \pm 2.9 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 3.9 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.9 \text{ dB}$
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	$U_c = \pm 2.7 \%$
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2 \%$

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3.5 LIST OF EQUIPMENTS USED

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	Jun. 03, 2023	Jun. 02, 2024
LISN	R&S	ESH2-Z5	100086	Jun. 03, 2023	Jun. 02, 2024
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	Feb. 18, 2023	Feb. 17, 2024
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Jun. 01, 2023	May 31, 2024
Power sensor	Aglient	U2021XA	MY54110007	Mar. 03, 2023	Mar. 02, 2024
5GHz Fliter	EM Electronics	5150-5880MHz	N/A	N/A	N/A
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Oct. 31, 2021	Oct. 30, 2023
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	Mar. 12, 2022	Mar. 11, 2024
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	Mar. 23, 2023	Mar. 22, 2024
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Aug. 04, 2022	Aug. 03, 2024
ANTENNA	SCHWARZBECK	VULB9168	494	Jan. 05, 2023	Jan. 04, 2025
Test software	FARA	EZ-EMC (Ver.RA-03A)	N/A	N/A	N/A

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4. DESCRIPTION OF TEST MODES

Mode	Available channel	Tested channel	Modulation	Date rate (Mbps)
802.11a/n/ac	Refer to Section 2.2	36,40,48,52,60,64,100 116,140,149,157,165	OFDM/OFDMA	6Mbps/MCS0
802.11n/ac		38,46,54,62,102 110,134,151,159	OFDM/OFDMA	MCS0
802.11ac		42,58,106,121,155	OFDM/OFDMA	MCS0

Note:

1. 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

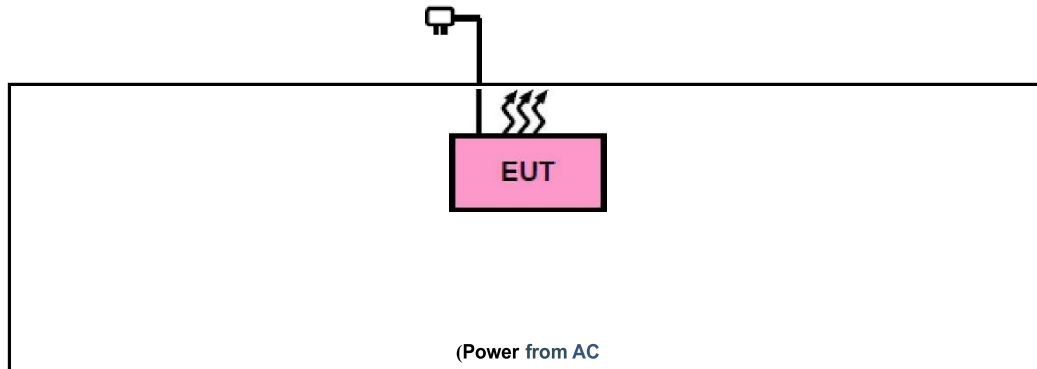
```

C:\Windows\System32\cmd.exe - adb shell
w1 phy_watchdog 0
w1 scansuppress 1
w1 phy_oclscdenable 0
w1 phy_activecal 1
w1 phy_forcecal 1
w1 txpwr1 -1
rk3126c:/ # w1 rsdb_mode 0
w1: Unsupported
254|rk3126c:/ # w1 mpc 0
rk3126c:/ # w1 country ALL
rk3126c:/ # w1 band b
rk3126c:/ # w1 mimo_txbw -1
rk3126c:/ # w1 nrate -m 0
rk3126c:/ # w1 txchain 2
rk3126c:/ # w1 rxchain 2
rk3126c:/ # w1 up
rk3126c:/ # w1_preinit=disable_5g_band=0x1
rk3126c:/ # w1 nrate -r 11
rk3126c:/ # w1 channel 13
rk3126c:/ # w1 phy_watchdog 0
rk3126c:/ # w1 scansuppress 1
rk3126c:/ # w1 phy_oclscdenable 0
w1: Unsupported
254|rk3126c:/ # w1 phy_activecal 1
w1: Unsupported
254|rk3126c:/ # w1 phy_forcecal 1
rk3126c:/ # w1 txpwr1 -1
rk3126c:/ #
w1 pkteng_start 00:90:4c:14:43:19 tx 40 1000 0
rk3126c:/ #
  
```

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5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF EUT SYSTEM



5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Portable Smart Projector 480P	VA-SP008	2A94QVA-SP008	EUT
2	Cable	N/A	N/A	AE
3	Remote Controller	N/A	N/A	AE
4	Adapter	S-TR-155DCC	Input: AC 100-240V,50-60Hz 1.5A Max Output: PD: 5V, 3A; 9V, 3A; 12V, 3A; 15V, 3A; 20V, 2.25A; 3.3V-16V, 2A Total: 45W Max	AE

5.3. SUMMARY OF TEST RESULTS

Item	FCC Rules	Description Of Test	Result
1	§15.203	Antenna Equipment	Pass
2	§15.407(a/1/2/3)	RF Output Power	Pass
3	§15.407(e)	6dB Bandwidth Measurement	Pass
4	§2.1049	26dB bandwidth Measurement	Pass
5	§15.407(a/1/2/3)	Power Spectral Density	Pass
6	§15.407(b)(1/2/3/4/5)	Conducted Spurious Emission	Pass
7	§15.209,§15.407(b)(1/2/3/4/5)	Radiated Emission& Band Edge	Pass
8	§15.207	AC Power Line Conducted Emission	Pass

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6. RF OUTPUT POWER MEASUREMENT

6.1 MEASUREMENT LIMITS

Operation Band	EUT Category		LIMIT
U-NII-1	☐	Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p < 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
	☐	Fixed point-to-point Access Point	1 Watt (30 dBm)
	☐	Indoor Access Point	1 Watt (30 dBm)
	☒	Client devices	250mW (23.98 dBm)
U-NII-2A	/		250mW (23.98 dBm) or 11 dBm+10 log B*
U-NII-2C	/		250mW (23.98 dBm) or 11 dBm+10 log B*
U-NII-3	/		1 Watt (30 dBm)

Note: Where B is the 26dB emission bandwidth in MHz.

6.2 MEASUREMENT PROCEDURE

☒ Method PM is Measurement using an RF average power meter. The procedure for this method is as follows:

1. The testing follows the ANSI C63.10 Section 12.3.3.1
2. Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
3. The EUT is configured to transmit continuously, or to transmit with a constant duty cycle.
4. At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
5. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
6. Determine according to the duty cycle of the equipment: when it is less than 98%, follow the steps below.
7. Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.
8. Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle {e.g., $[10 \log (1 / 0.25)]$, if the duty cycle is 25%}.
9. Record the test results in the report.

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6.3 MEASUREMENT SETUP (BLOCK DIAGRAM OF CONFIGURATION)



6.4 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	9.02	23.98	Pass
	5200	9.65	23.98	Pass
	5240	10.59	23.98	Pass
802.11n20	5180	8.41	23.98	Pass
	5200	8.89	23.98	Pass
	5240	9.93	23.98	Pass
802.11n40	5190	8.12	23.98	Pass
	5230	9.39	23.98	Pass
802.11ac20	5180	8.37	23.98	Pass
	5200	8.92	23.98	Pass
	5240	10.01	23.98	Pass
802.11ac40	5190	8.26	23.98	Pass
	5230	9.54	23.98	Pass
802.11ac80	5210	8.67	23.98	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	6.94	23.98	Pass
	5200	8.64	23.98	Pass
	5240	10.02	23.98	Pass
802.11n20	5180	7.07	23.98	Pass
	5200	7.52	23.98	Pass
	5240	8.77	23.98	Pass
802.11n40	5190	7.20	23.98	Pass
	5230	8.30	23.98	Pass
802.11ac20	5180	7.15	23.98	Pass
	5200	7.88	23.98	Pass
	5240	8.79	23.98	Pass
802.11ac40	5190	7.32	23.98	Pass
	5230	8.38	23.98	Pass
802.11ac80	5210	7.78	23.98	Pass

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Test Data of Conducted Output Power for band 5.25-5.35 GHz-ANT 1				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5260	10.61	23.98	Pass
	5300	11.58	23.98	Pass
	5320	11.63	23.98	Pass
802.11n20	5260	9.71	23.98	Pass
	5300	10.35	23.98	Pass
	5320	10.58	23.98	Pass
802.11n40	5270	9.78	23.98	Pass
	5310	10.45	23.98	Pass
802.11ac20	5260	9.59	23.98	Pass
	5300	10.51	23.98	Pass
	5320	10.64	23.98	Pass
802.11ac40	5270	9.95	23.98	Pass
	5310	10.56	23.98	Pass
802.11ac80	5290	10.25	23.98	Pass

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Test Data of Conducted Output Power for band 5.25-5.35 GHz-ANT 2				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5260	10.44	23.98	Pass
	5300	11.44	23.98	Pass
	5320	11.39	23.98	Pass
802.11n20	5260	9.39	23.98	Pass
	5300	10.40	23.98	Pass
	5320	10.44	23.98	Pass
802.11n40	5270	9.77	23.98	Pass
	5310	10.38	23.98	Pass
802.11ac20	5260	9.35	23.98	Pass
	5300	10.35	23.98	Pass
	5320	10.48	23.98	Pass
802.11ac40	5270	9.79	23.98	Pass
	5310	10.56	23.98	Pass
802.11ac80	5290	10.06	23.98	Pass

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Test Data of Conducted Output Power for band 5.470-5.725 GHz-ANT 1				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5500	5.57	23.98	Pass
	5600	6.86	23.98	Pass
	5700	10.08	23.98	Pass
802.11n20	5500	4.62	23.98	Pass
	5600	6.09	23.98	Pass
	5700	9.11	23.98	Pass
802.11n40	5510	4.79	23.98	Pass
	5590	6.00	23.98	Pass
	5670	8.13	23.98	Pass
802.11ac20	5500	4.79	23.98	Pass
	5600	6.03	23.98	Pass
	5700	9.20	23.98	Pass
802.11ac40	5510	4.91	23.98	Pass
	5590	5.95	23.98	Pass
	5670	8.19	23.98	Pass
802.11ac80	5530	5.11	23.98	Pass
	5610	6.14	23.98	Pass

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Test Data of Conducted Output Power for band 5.470-5.725 GHz-ANT 2				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5500	5.89	23.98	Pass
	5600	7.34	23.98	Pass
	5700	9.87	23.98	Pass
802.11n20	5500	4.94	23.98	Pass
	5600	6.61	23.98	Pass
	5700	9.07	23.98	Pass
802.11n40	5510	4.91	23.98	Pass
	5590	6.15	23.98	Pass
	5670	8.26	23.98	Pass
802.11ac20	5500	4.87	23.98	Pass
	5600	6.55	23.98	Pass
	5700	9.10	23.98	Pass
802.11ac40	5510	5.11	23.98	Pass
	5590	6.29	23.98	Pass
	5670	8.35	23.98	Pass
802.11ac80	5530	4.97	23.98	Pass
	5610	6.27	23.98	Pass

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Test Data of Conducted Output Power for band 5.725-5.850 GHz-ANT 1				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	10.84	30	Pass
	5785	11.24	30	Pass
	5825	10.61	30	Pass
802.11n20	5745	9.84	30	Pass
	5785	10.16	30	Pass
	5825	9.60	30	Pass
802.11n40	5755	10.02	30	Pass
	5795	9.92	30	Pass
802.11ac20	5745	9.67	30	Pass
	5785	10.03	30	Pass
	5825	9.38	30	Pass
802.11ac40	5755	10.15	30	Pass
	5795	10.29	30	Pass
802.11ac80	5775	10.01	30	Pass

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Test Data of Conducted Output Power for band 5.725-5.850 GHz-ANT 2				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	10.38	30	Pass
	5785	10.73	30	Pass
	5825	9.87	30	Pass
802.11n20	5745	9.36	30	Pass
	5785	9.81	30	Pass
	5825	9.05	30	Pass
802.11n40	5755	9.45	30	Pass
	5795	9.43	30	Pass
802.11ac20	5745	9.35	30	Pass
	5785	9.75	30	Pass
	5825	8.91	30	Pass
802.11ac40	5755	9.45	30	Pass
	5795	9.45	30	Pass
802.11ac80	5775	9.25	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	10.80	23.98	Pass
	5200	11.27	23.98	Pass
	5240	12.40	23.98	Pass
802.11n40	5190	10.69	23.98	Pass
	5230	11.89	23.98	Pass
802.11ac20	5180	10.81	23.98	Pass
	5200	11.44	23.98	Pass
	5240	12.45	23.98	Pass
802.11ac40	5190	10.83	23.98	Pass
	5230	12.01	23.98	Pass
802.11ac80	5210	11.26	23.98	Pass

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Test Data of Conducted Output Power for band 5.25-5.35 GHz-MIMO				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11n20	5260	12.56	23.98	Pass
	5300	13.39	23.98	Pass
	5320	13.52	23.98	Pass
802.11n40	5270	12.79	23.98	Pass
	5310	13.43	23.98	Pass
802.11ac20	5260	12.48	23.98	Pass
	5300	13.44	23.98	Pass
	5320	13.57	23.98	Pass
802.11ac40	5270	12.88	23.98	Pass
	5310	13.57	23.98	Pass
802.11ac80	5290	13.17	23.98	Pass

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Test Data of Conducted Output Power for band 5.470-5.725 GHz-MIMO				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11n20	5500	7.79	23.98	Pass
	5600	9.37	23.98	Pass
	5700	12.10	23.98	Pass
802.11n40	5510	7.86	23.98	Pass
	5590	9.09	23.98	Pass
	5670	11.21	23.98	Pass
802.11ac20	5500	7.84	23.98	Pass
	5600	9.31	23.98	Pass
	5700	12.16	23.98	Pass
802.11ac40	5510	8.02	23.98	Pass
	5590	9.13	23.98	Pass
	5670	11.28	23.98	Pass
802.11ac80	5530	8.05	23.98	Pass
	5610	9.22	23.98	Pass

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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	12.62	30	Pass
	5785	13.00	30	Pass
	5825	12.34	30	Pass
802.11n40	5755	12.75	30	Pass
	5795	12.69	30	Pass
802.11ac20	5745	12.52	30	Pass
	5785	12.90	30	Pass
	5825	12.16	30	Pass
802.11ac40	5755	12.82	30	Pass
	5795	12.90	30	Pass
802.11ac80	5775	12.66	30	Pass

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7. 6DB&26DB BANDWIDTH MEASUREMENT

7.1 MEASUREMENT LIMITS

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

7.2 MEASUREMENT PROCEDURE

7.2.1 -6dB bandwidth (DTS bandwidth) Test setting:

1. Connect EUT RF output port to the Spectrum Analyzer
2. Set the EUT Work on operation frequency individually.
3. Set RBW = 100kHz.
4. Set the VBW $\geq 3 \times$ 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.

7.2.2 99% occupied bandwidth test setting:

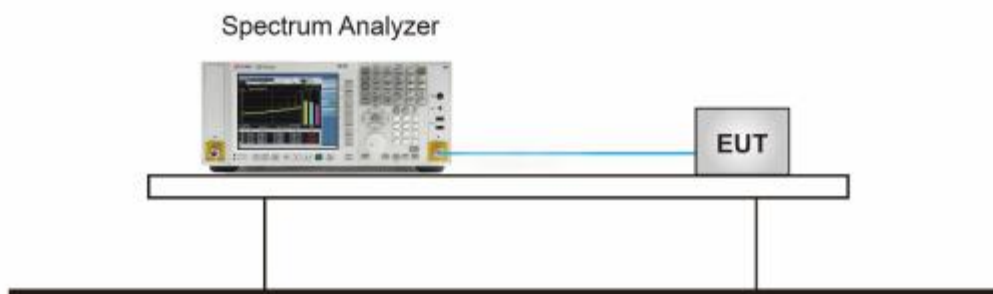
1. Connect EUT RF output port to the Spectrum Analyzer
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set Span = approximately 1.5 to 5 times the OBW, centered on a nominal channel
The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 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.

7.2.3 -26dB Bandwidth test setting:

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > 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.

7.3 MEASUREMENT SETUP (BLOCK DIAGRAM OF CONFIGURATION)



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7.4 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	16.904	25.628	N/A	Pass
	5200	16.890	25.197	N/A	Pass
	5240	16.936	25.287	N/A	Pass
802.11n20	5180	17.884	21.445	N/A	Pass
	5200	17.903	21.396	N/A	Pass
	5240	17.885	21.711	N/A	Pass
802.11n40	5190	36.283	39.821	N/A	Pass
	5230	36.306	40.192	N/A	Pass
802.11ac20	5180	17.853	21.665	N/A	Pass
	5200	17.894	21.569	N/A	Pass
	5240	17.917	21.637	N/A	Pass
802.11ac40	5190	36.288	39.580	N/A	Pass
	5230	36.342	40.305	N/A	Pass
802.11ac80	5210	75.746	80.784	N/A	Pass

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	16.761	21.510	N/A	Pass
	5200	16.757	21.227	N/A	Pass
	5240	16.823	24.538	N/A	Pass
802.11n20	5180	17.864	21.504	N/A	Pass
	5200	17.874	21.461	N/A	Pass
	5240	17.884	21.648	N/A	Pass
802.11n40	5190	36.291	40.131	N/A	Pass
	5230	36.366	39.813	N/A	Pass
802.11ac20	5180	17.866	21.659	N/A	Pass
	5200	17.863	21.783	N/A	Pass
	5240	17.873	21.439	N/A	Pass
802.11ac40	5190	36.293	39.904	N/A	Pass
	5230	36.328	40.002	N/A	Pass
802.11ac80	5210	75.682	85.381	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.25-5.35 GHz-ANT 1					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5260	16.793	21.417	N/A	Pass
	5300	16.779	21.370	N/A	Pass
	5320	16.801	21.152	N/A	Pass
802.11n20	5260	17.870	21.473	N/A	Pass
	5300	17.859	21.516	N/A	Pass
	5320	17.880	21.543	N/A	Pass
802.11n40	5270	36.288	40.373	N/A	Pass
	5310	36.256	39.886	N/A	Pass
802.11ac20	5260	17.885	21.712	N/A	Pass
	5300	17.870	21.473	N/A	Pass
	5320	17.861	21.633	N/A	Pass
802.11ac40	5270	36.312	40.199	N/A	Pass
	5310	36.301	39.778	N/A	Pass
802.11ac80	5290	75.748	81.630	N/A	Pass

Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.25-5.35 GHz-ANT 2					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5260	16.763	21.239	N/A	Pass
	5300	16.770	21.110	N/A	Pass
	5320	16.773	21.352	N/A	Pass
802.11n20	5260	17.872	21.589	N/A	Pass
	5300	17.835	21.527	N/A	Pass
	5320	17.870	21.499	N/A	Pass
802.11n40	5270	36.321	39.745	N/A	Pass
	5310	36.267	40.077	N/A	Pass
802.11ac20	5260	17.857	21.632	N/A	Pass
	5300	17.855	21.537	N/A	Pass
	5320	17.857	21.723	N/A	Pass
802.11ac40	5270	36.284	39.811	N/A	Pass
	5310	36.267	39.894	N/A	Pass
802.11ac80	5290	75.745	81.081	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.47-5.725 GHz-ANT 1					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5500	16.923	23.681	N/A	Pass
	5600	16.974	25.021	N/A	Pass
	5700	16.961	23.627	N/A	Pass
802.11n20	5500	17.925	21.642	N/A	Pass
	5600	17.941	21.486	N/A	Pass
	5700	17.934	21.457	N/A	Pass
802.11n40	5510	36.348	40.077	N/A	Pass
	5590	36.369	49.957	N/A	Pass
	5670	36.325	40.336	N/A	Pass
802.11ac20	5500	17.905	21.817	N/A	Pass
	5600	17.900	21.432	N/A	Pass
	5700	17.890	21.394	N/A	Pass
802.11ac40	5510	36.292	39.761	N/A	Pass
	5590	36.344	47.950	N/A	Pass
	5670	36.340	39.907	N/A	Pass
802.11ac80	5530	75.880	81.462	N/A	Pass
	5610	75.902	81.507	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.47-5.725 GHz-ANT 2					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5500	16.832	22.600	N/A	Pass
	5600	16.876	21.662	N/A	Pass
	5700	16.971	27.758	N/A	Pass
802.11n20	5500	17.844	21.468	N/A	Pass
	5600	17.895	21.578	N/A	Pass
	5700	17.881	21.605	N/A	Pass
802.11n40	5510	36.336	40.353	N/A	Pass
	5590	36.300	40.061	N/A	Pass
	5670	36.358	39.672	N/A	Pass
802.11ac20	5500	17.867	21.450	N/A	Pass
	5600	17.879	21.530	N/A	Pass
	5700	17.898	21.413	N/A	Pass
802.11ac40	5510	36.305	39.891	N/A	Pass
	5590	36.317	40.033	N/A	Pass
	5670	36.332	40.287	N/A	Pass
802.11ac80	5530	75.779	81.644	N/A	Pass
	5610	75.891	81.595	N/A	Pass

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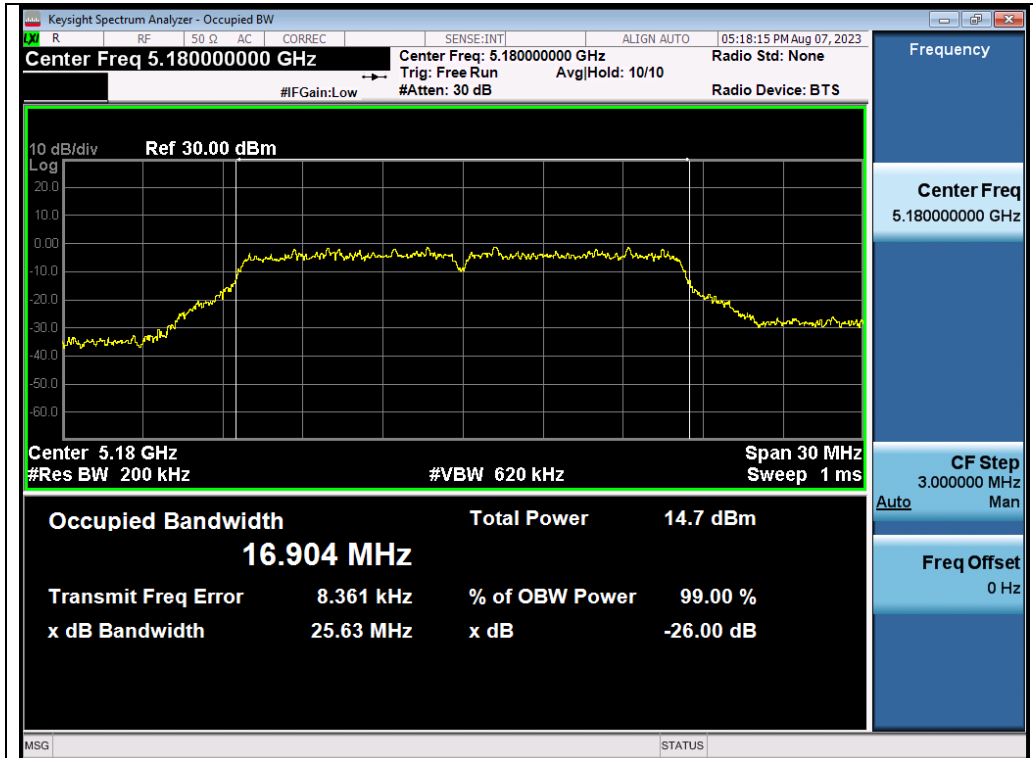
Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz-ANT 1					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.773	16.405	0.5	Pass
	5785	16.717	16.342	0.5	Pass
	5825	16.771	16.330	0.5	Pass
802.11n20	5745	17.857	17.584	0.5	Pass
	5785	17.863	17.596	0.5	Pass
	5825	17.884	17.588	0.5	Pass
802.11n40	5755	36.270	36.354	0.5	Pass
	5795	36.297	36.381	0.5	Pass
802.11ac20	5745	17.851	17.610	0.5	Pass
	5785	17.837	17.625	0.5	Pass
	5825	17.875	17.582	0.5	Pass
802.11ac40	5755	36.299	36.330	0.5	Pass
	5795	36.252	36.359	0.5	Pass
802.11ac80	5775	75.752	75.804	0.5	Pass

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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	16.731	16.359	0.5	Pass
	5785	16.758	16.368	0.5	Pass
	5825	16.780	16.333	0.5	Pass
802.11n20	5745	17.842	17.308	0.5	Pass
	5785	17.858	17.589	0.5	Pass
	5825	17.861	17.582	0.5	Pass
802.11n40	5755	36.288	36.360	0.5	Pass
	5795	36.275	36.354	0.5	Pass
802.11ac20	5745	17.867	17.577	0.5	Pass
	5785	17.868	17.619	0.5	Pass
	5825	17.840	17.572	0.5	Pass
802.11ac40	5755	36.261	36.328	0.5	Pass
	5795	36.237	36.343	0.5	Pass
802.11ac80	5775	75.675	76.029	0.5	Pass

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

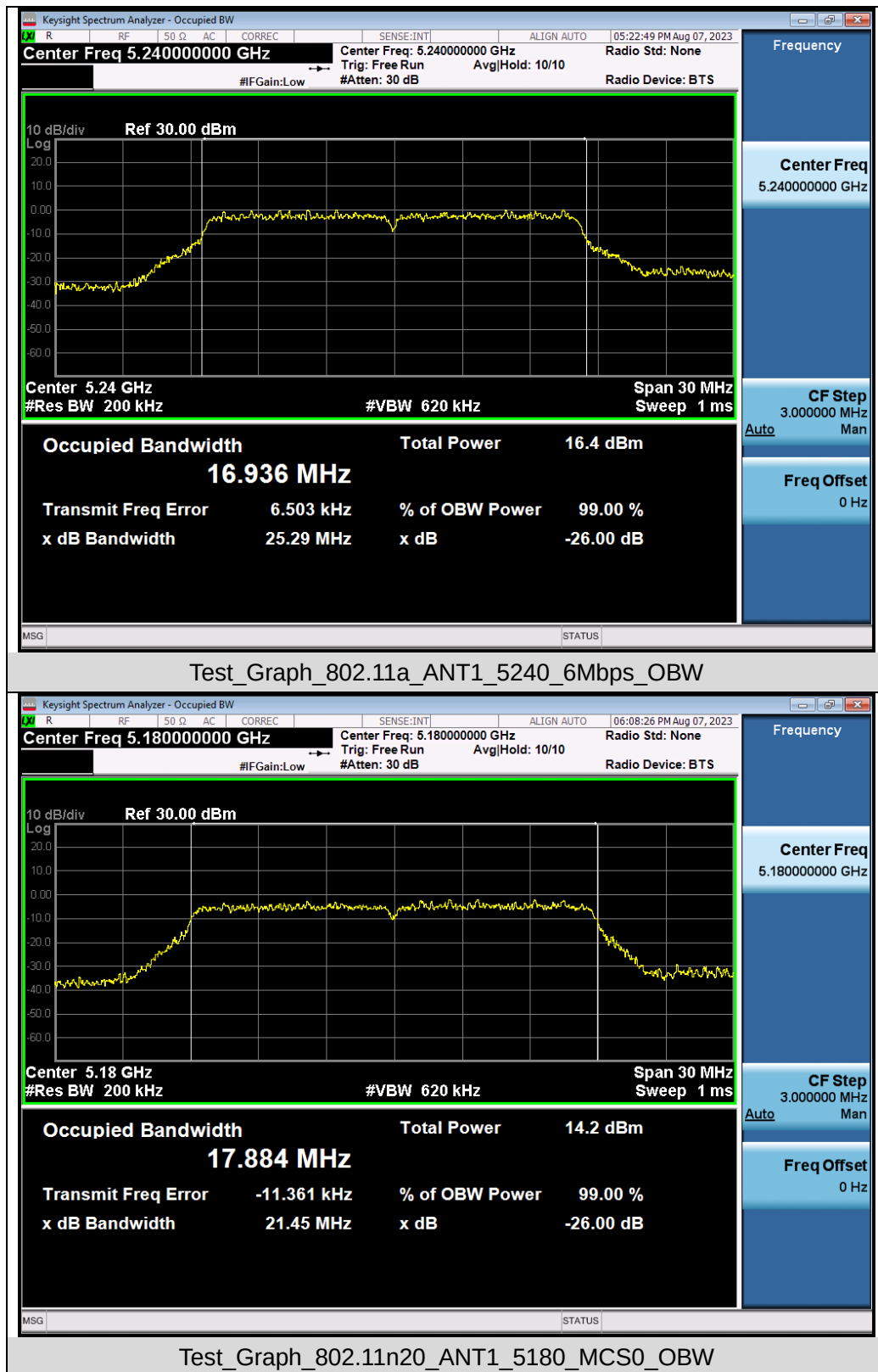


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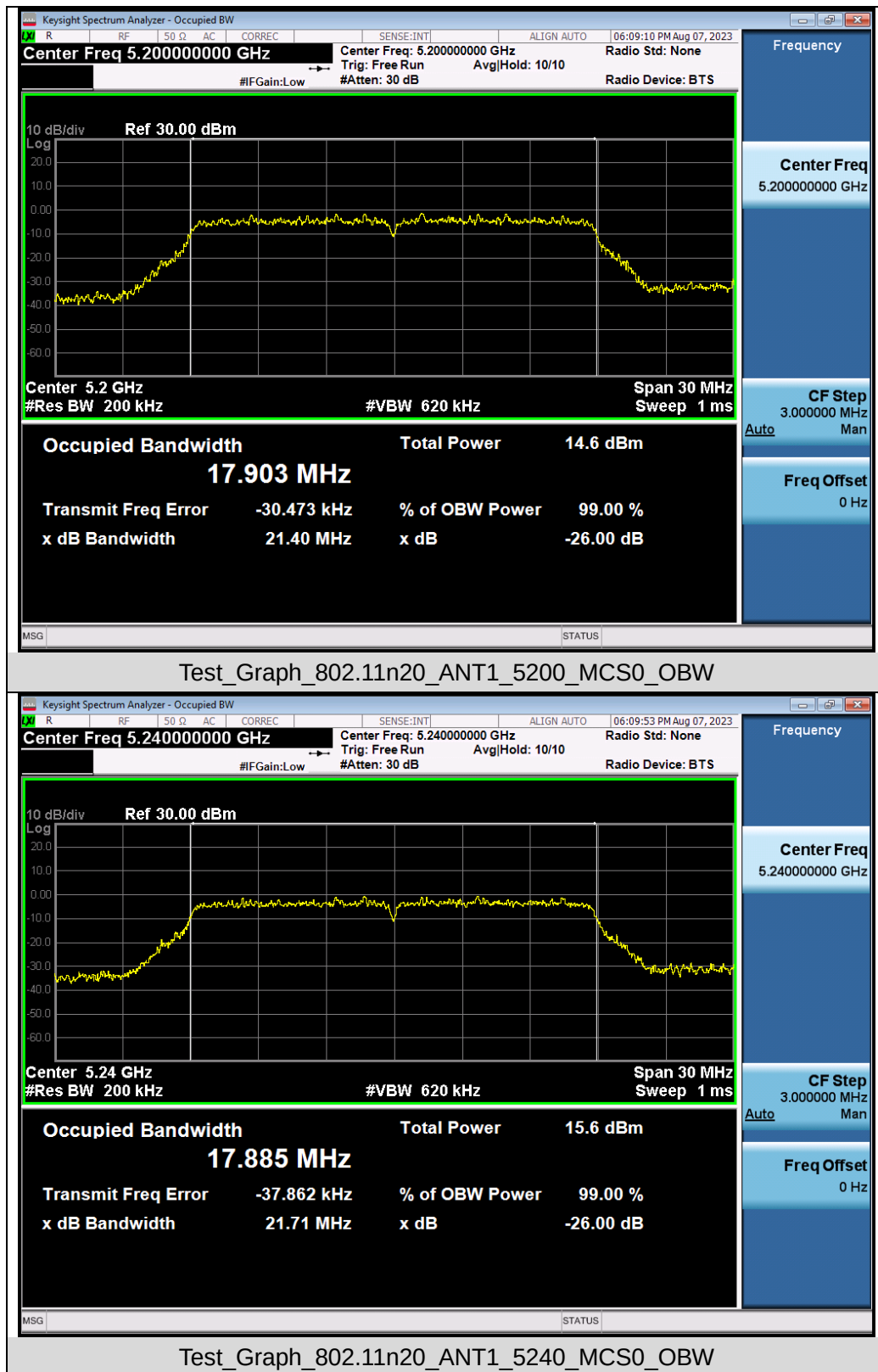


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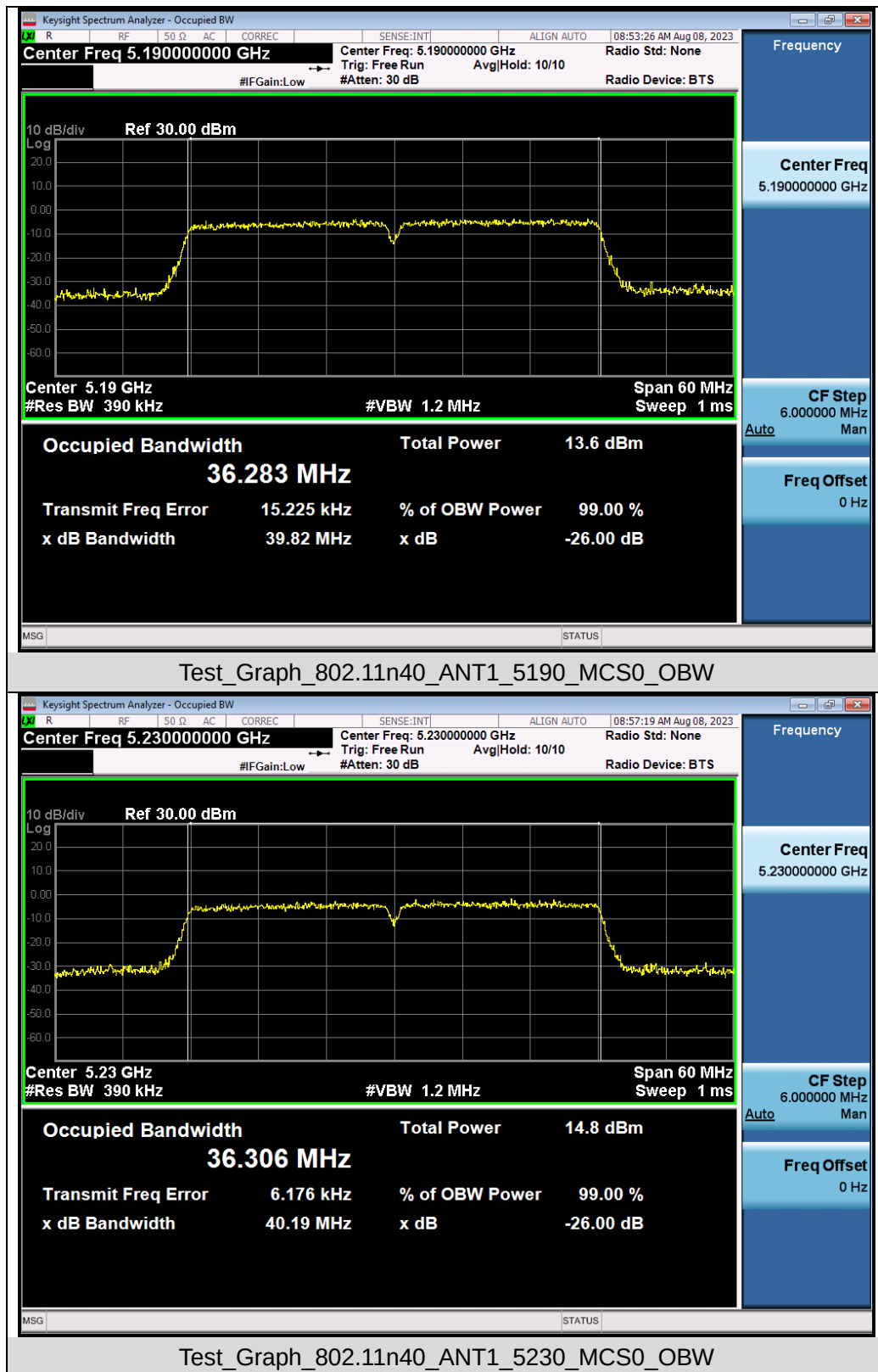


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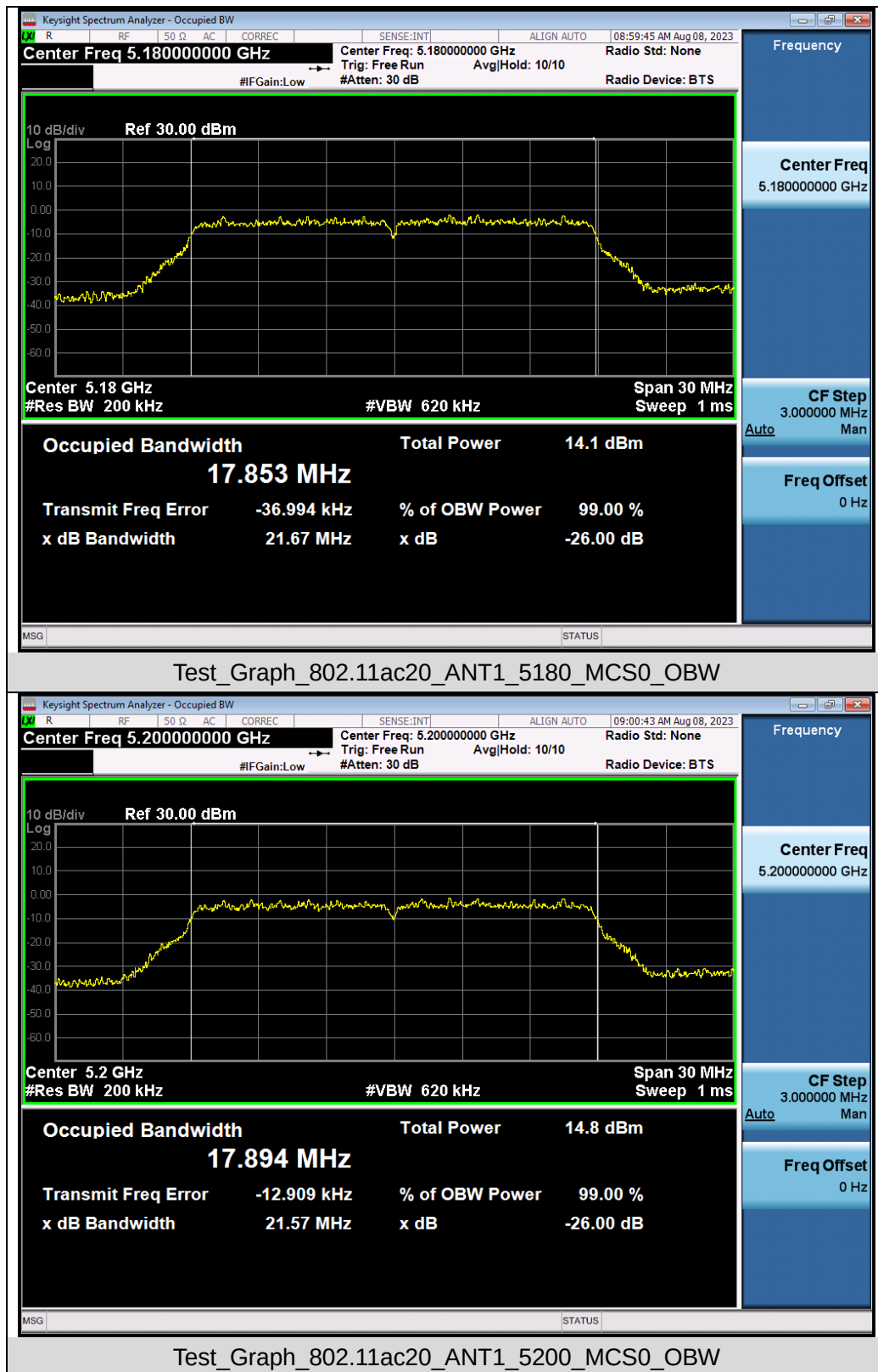
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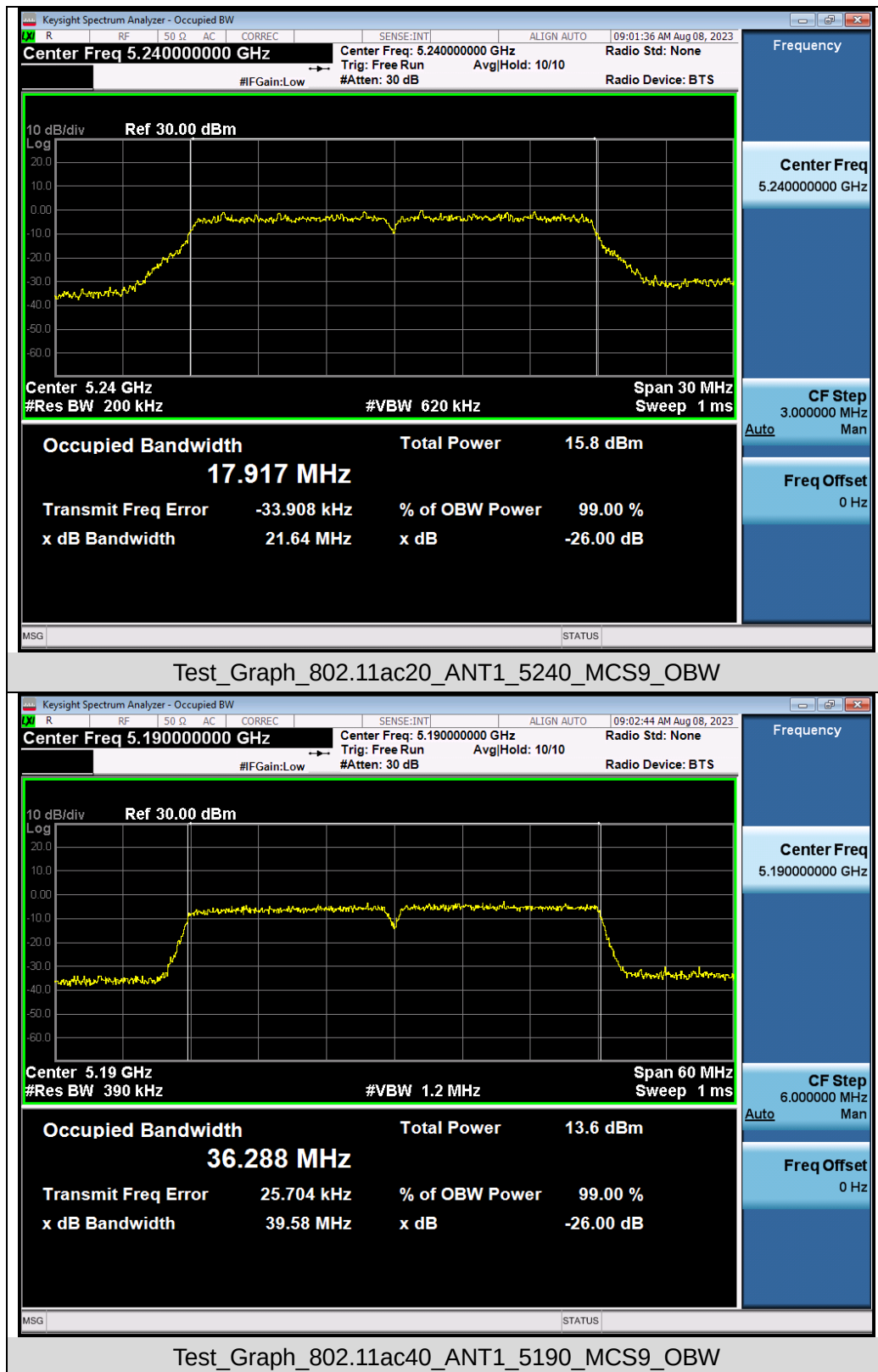
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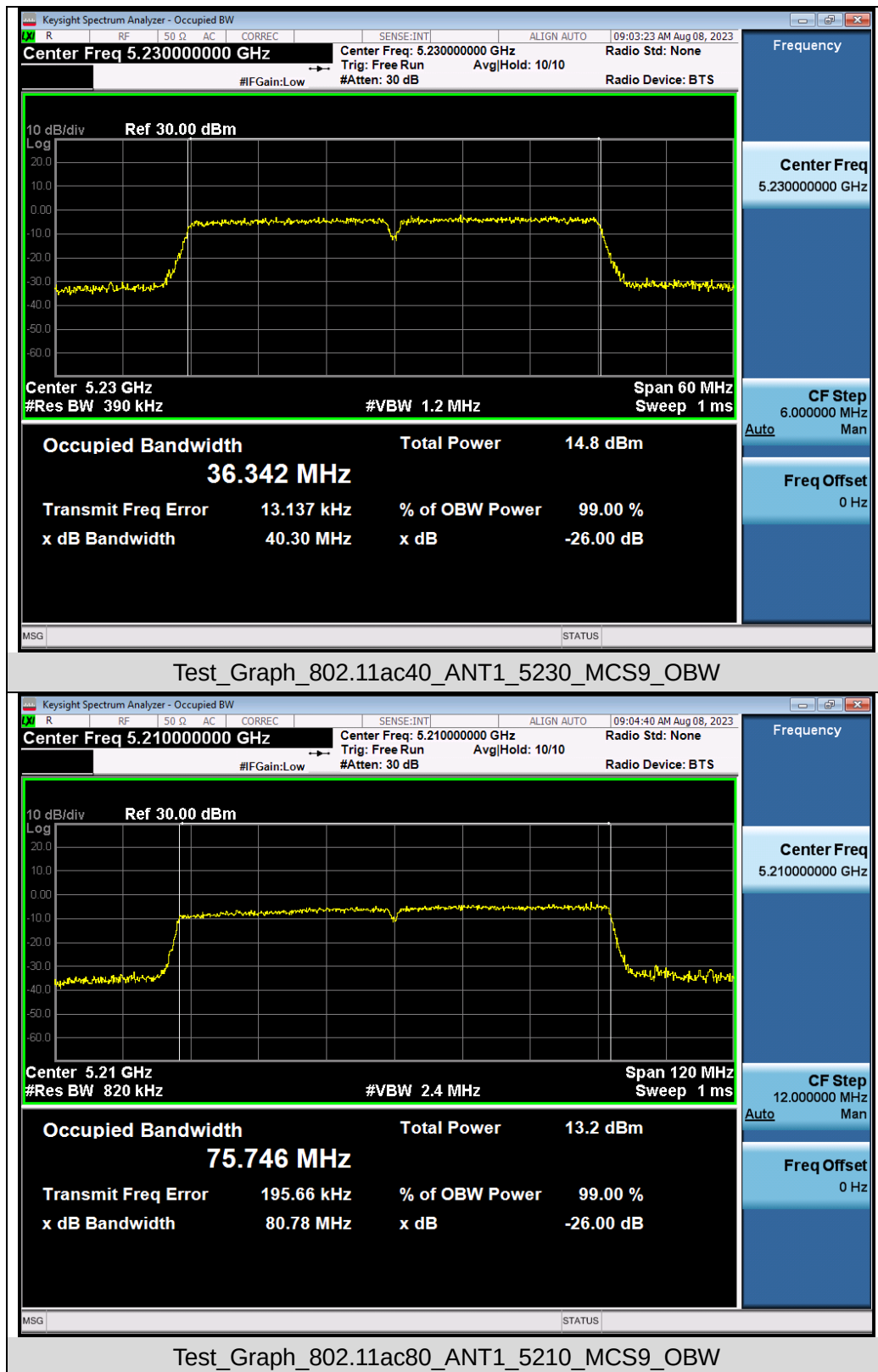


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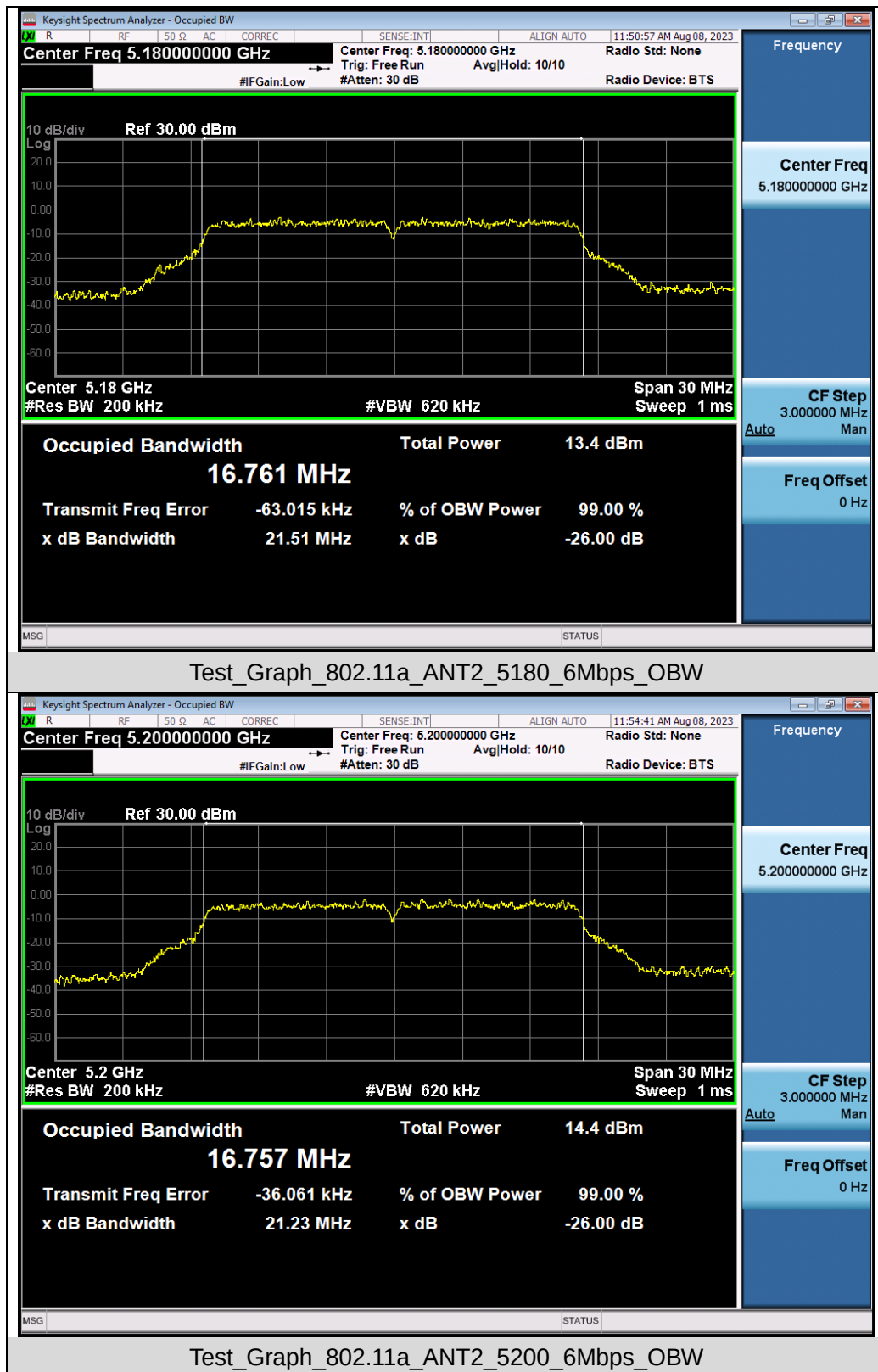


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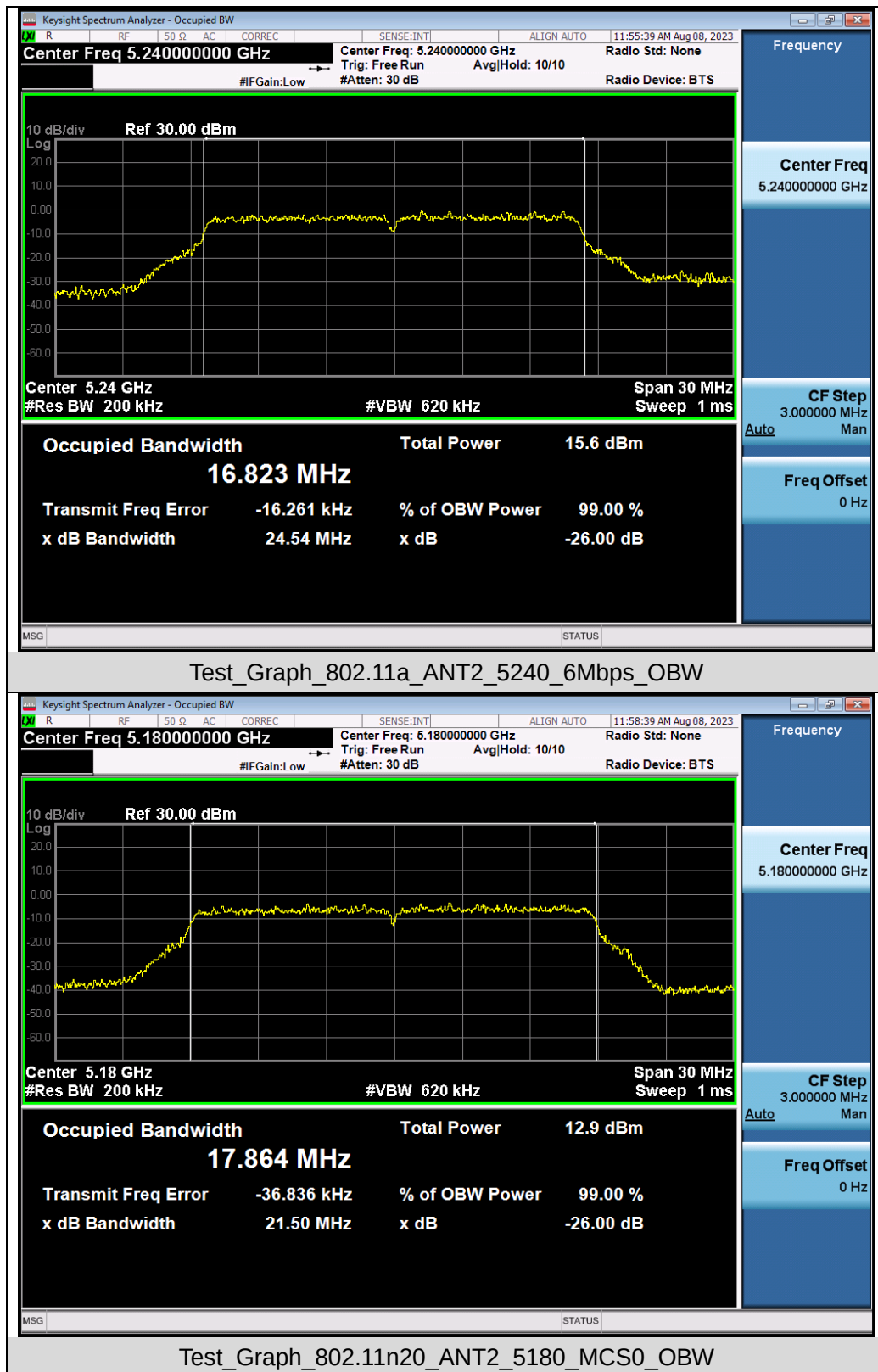


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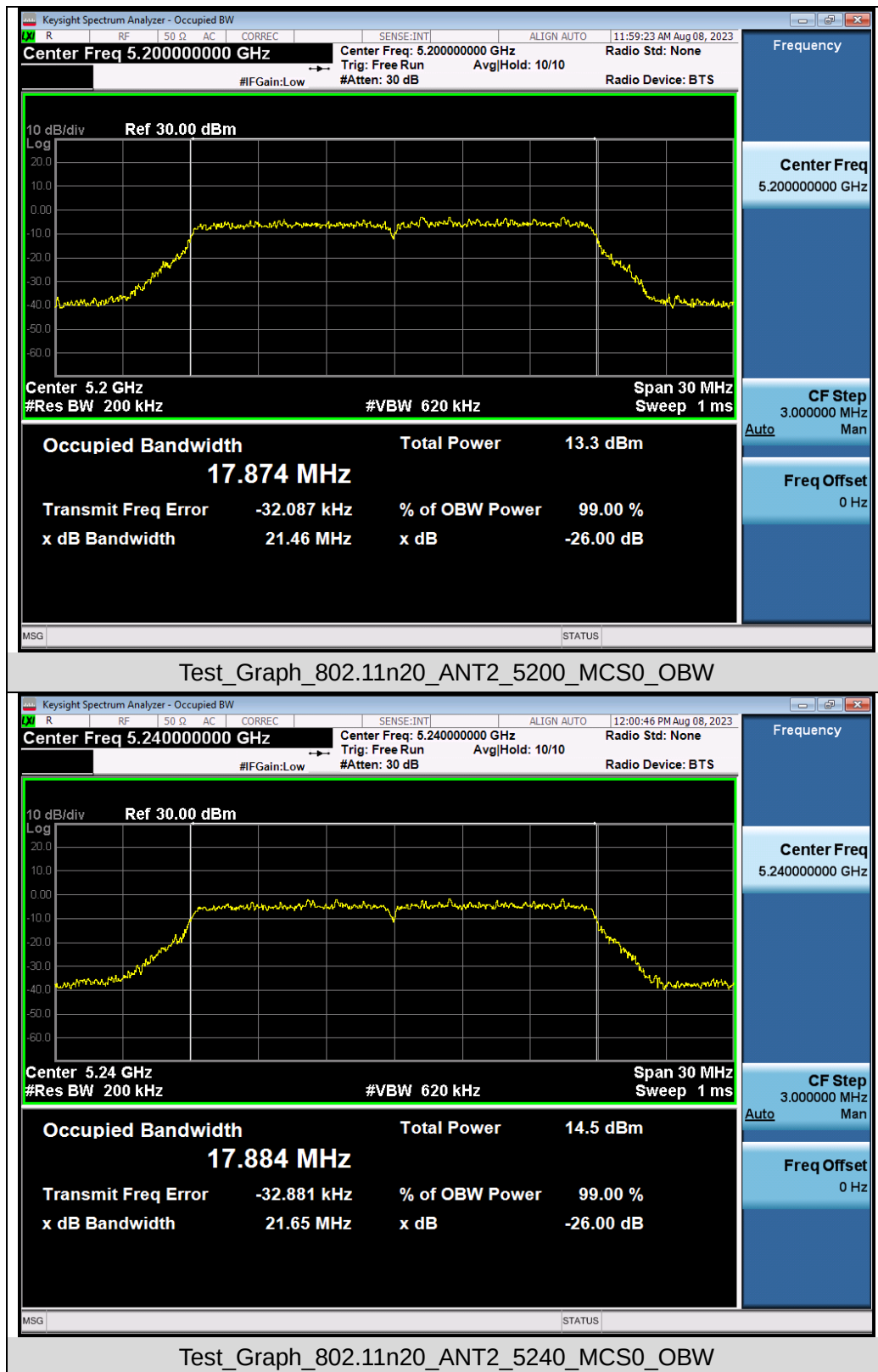
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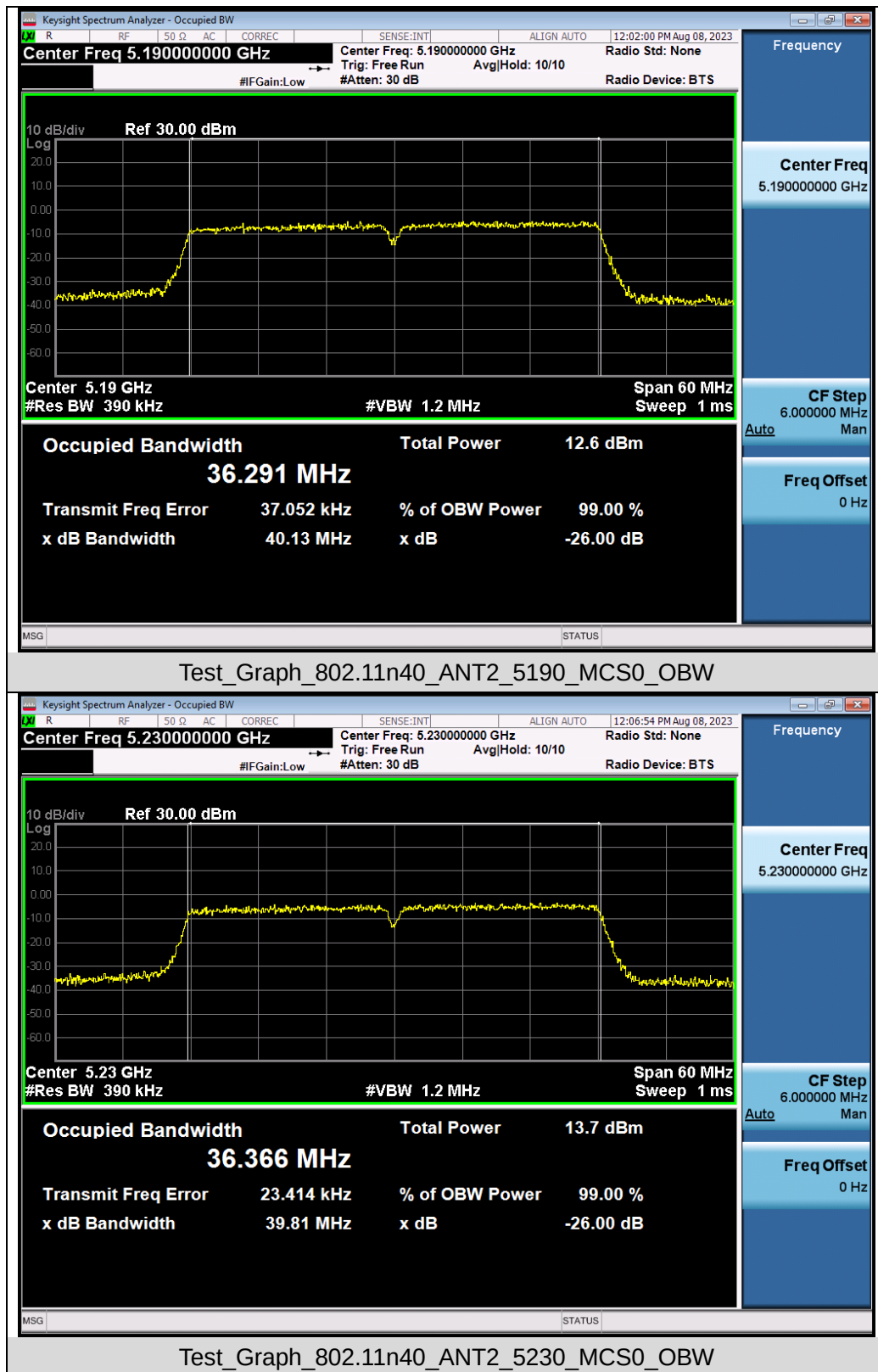
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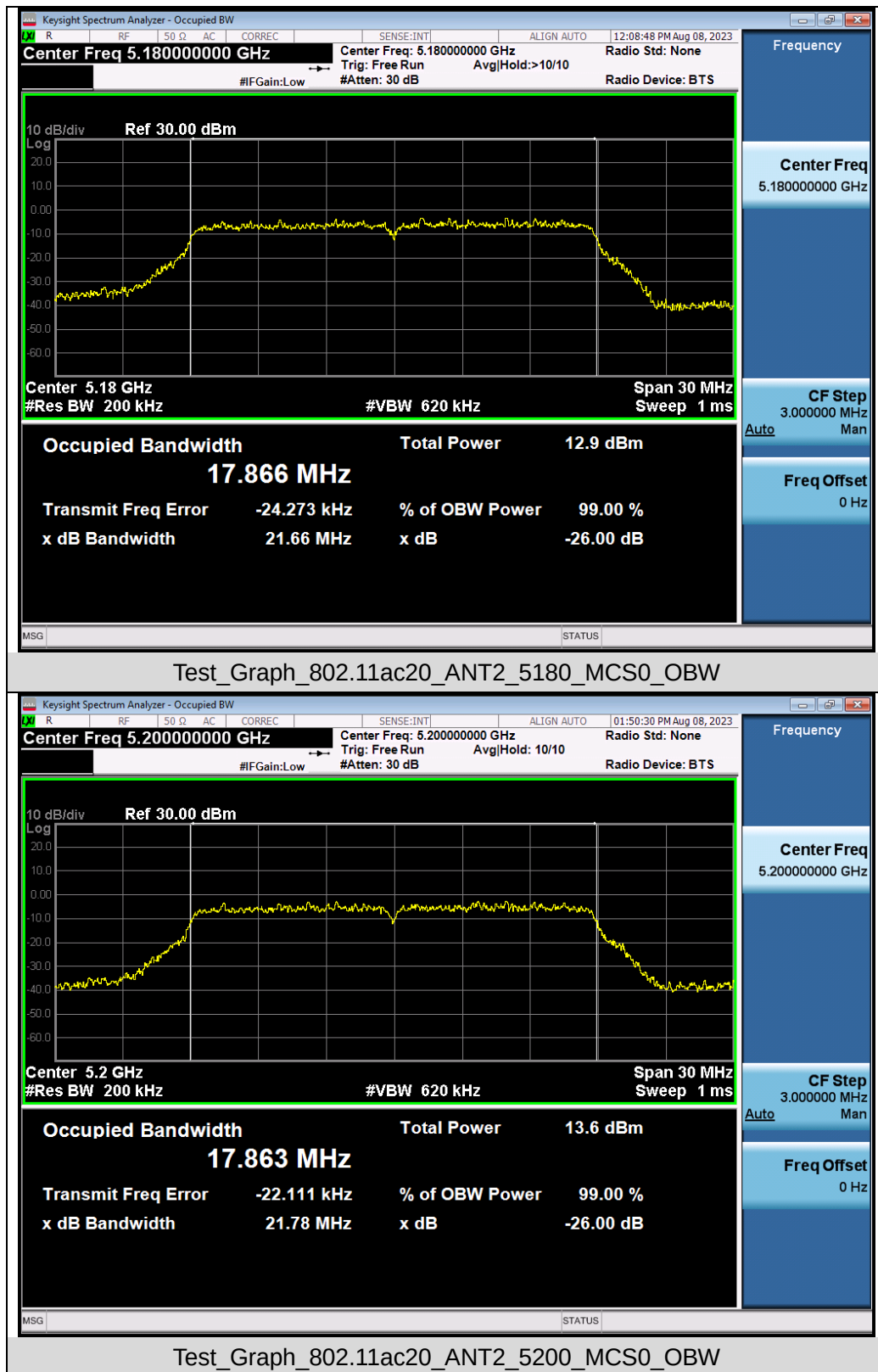


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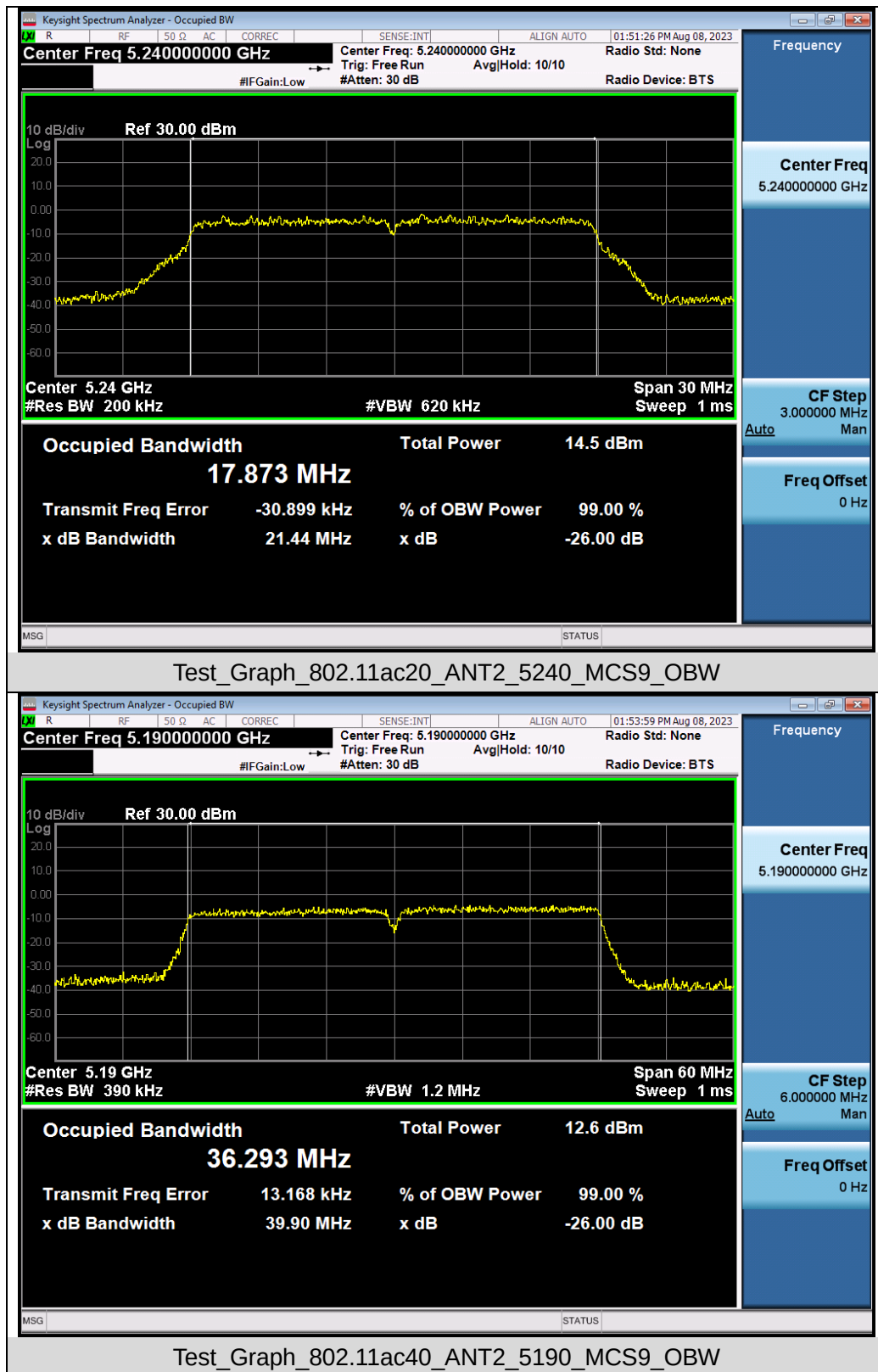
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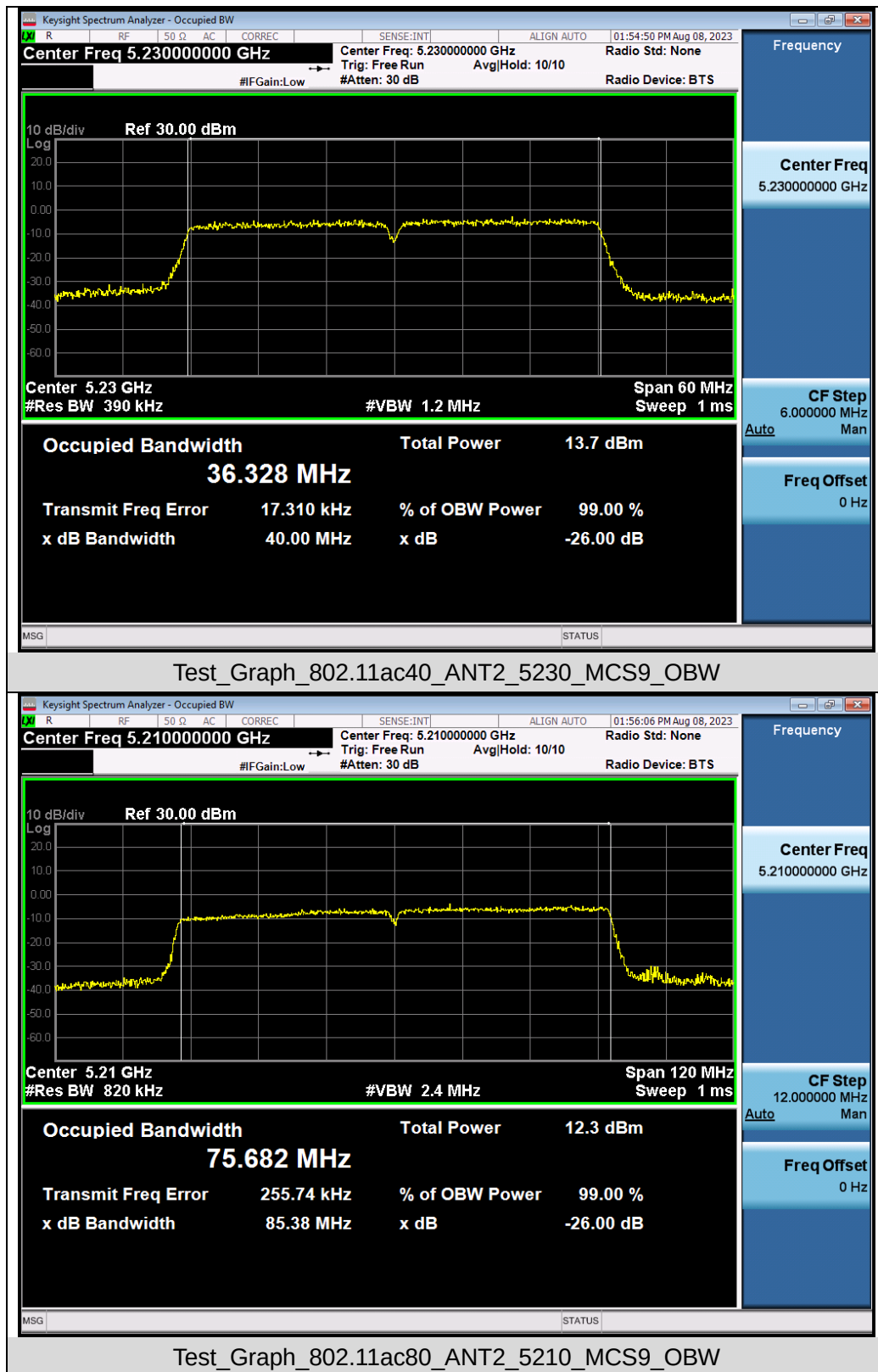


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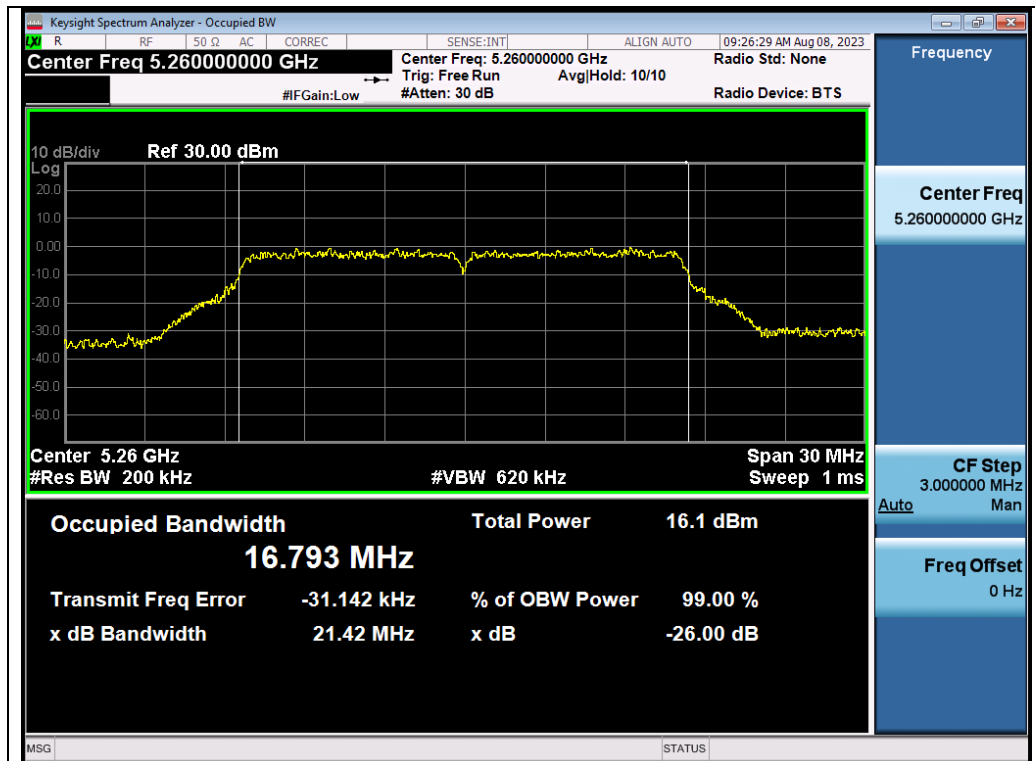


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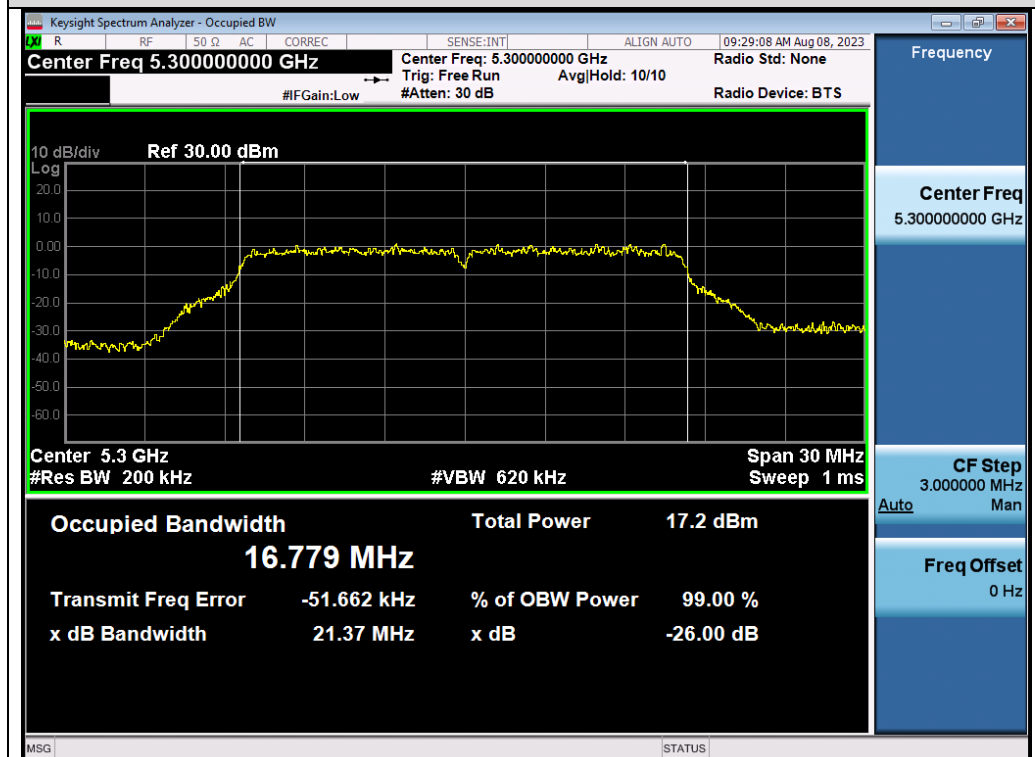


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Test Graphs of Occupied Bandwidth for band 5.25-5.35 GHz

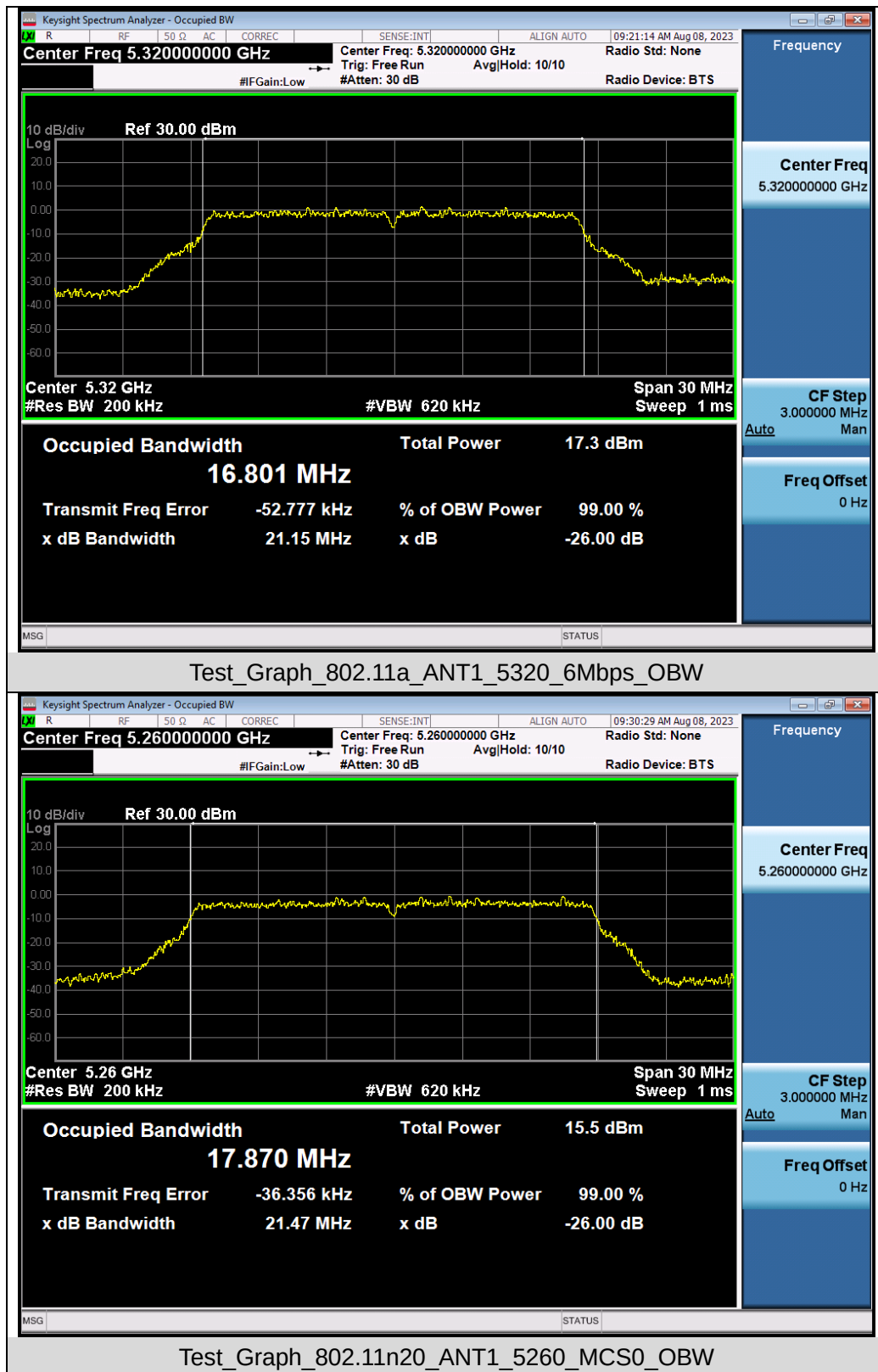


Test_Graph_802.11a_ANT1_5260_6Mbps_OBW



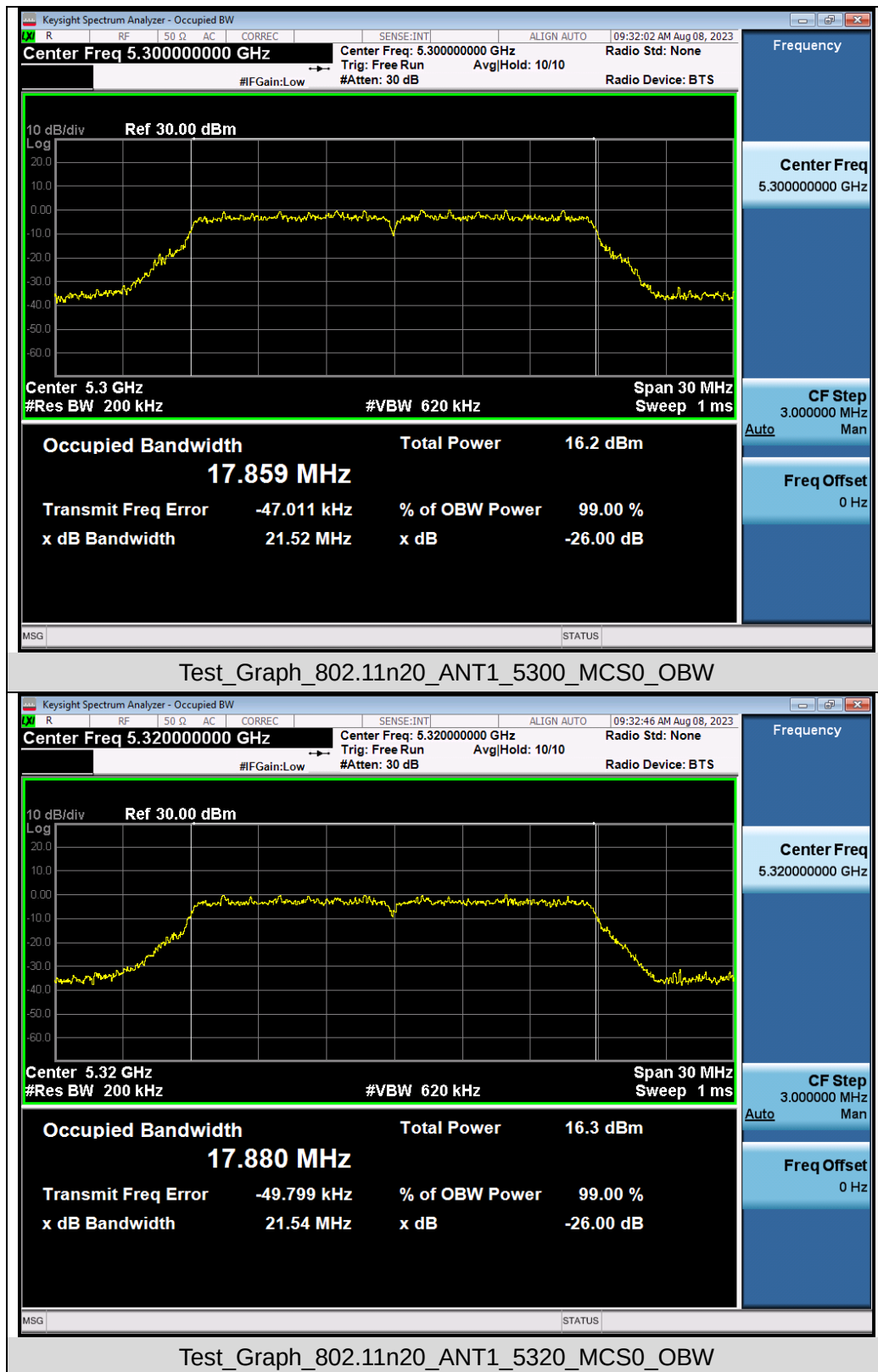
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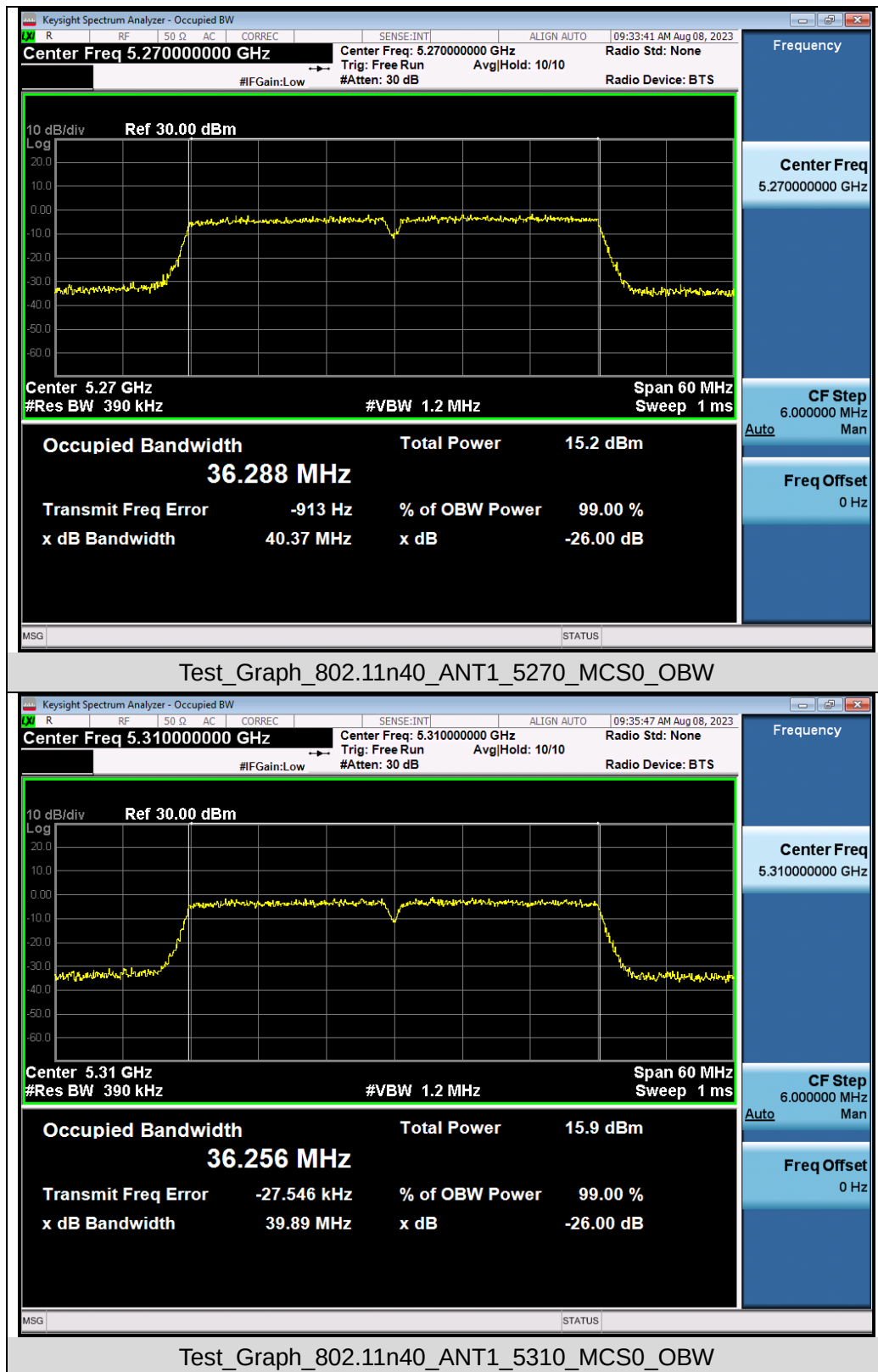
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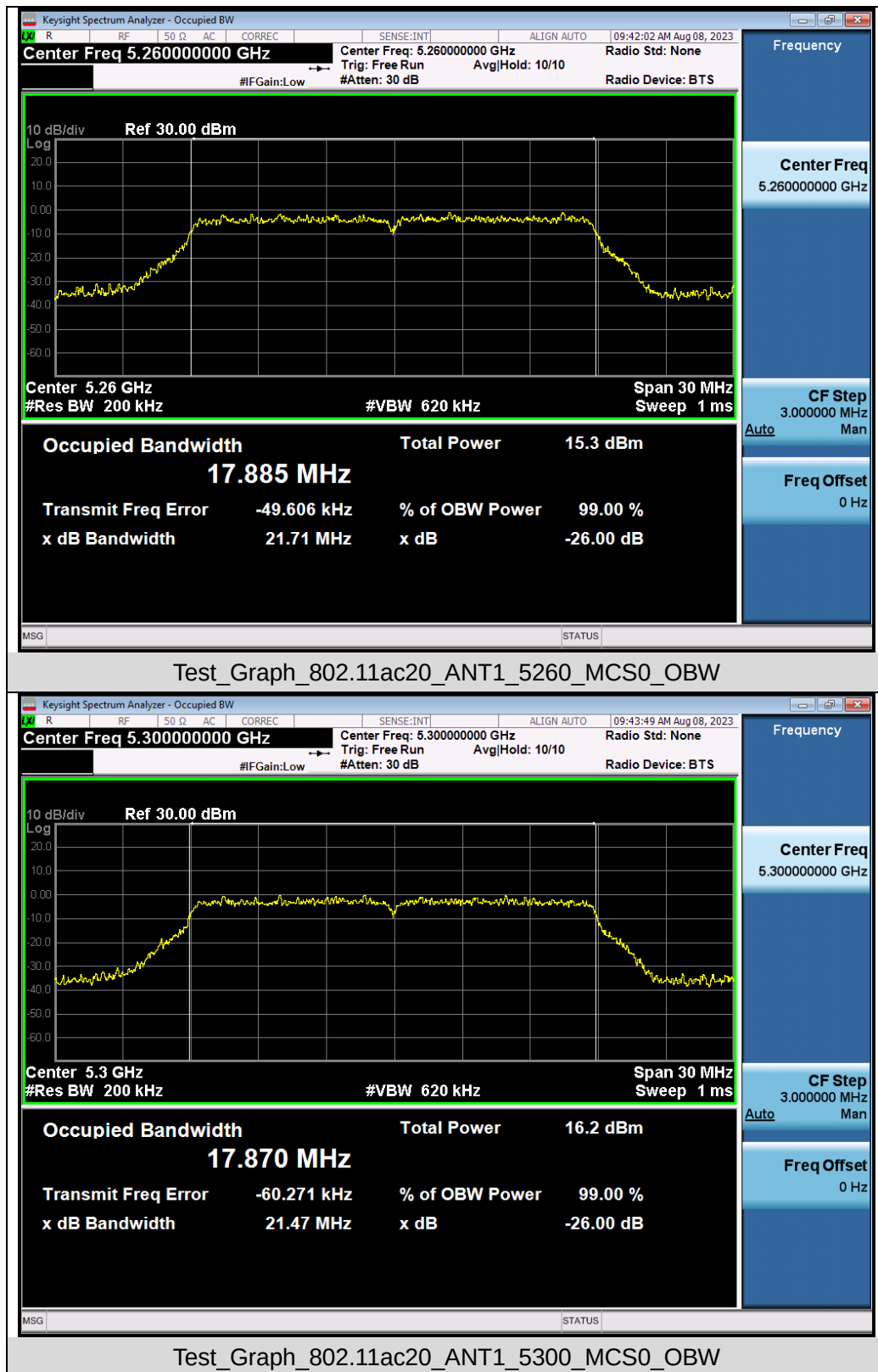


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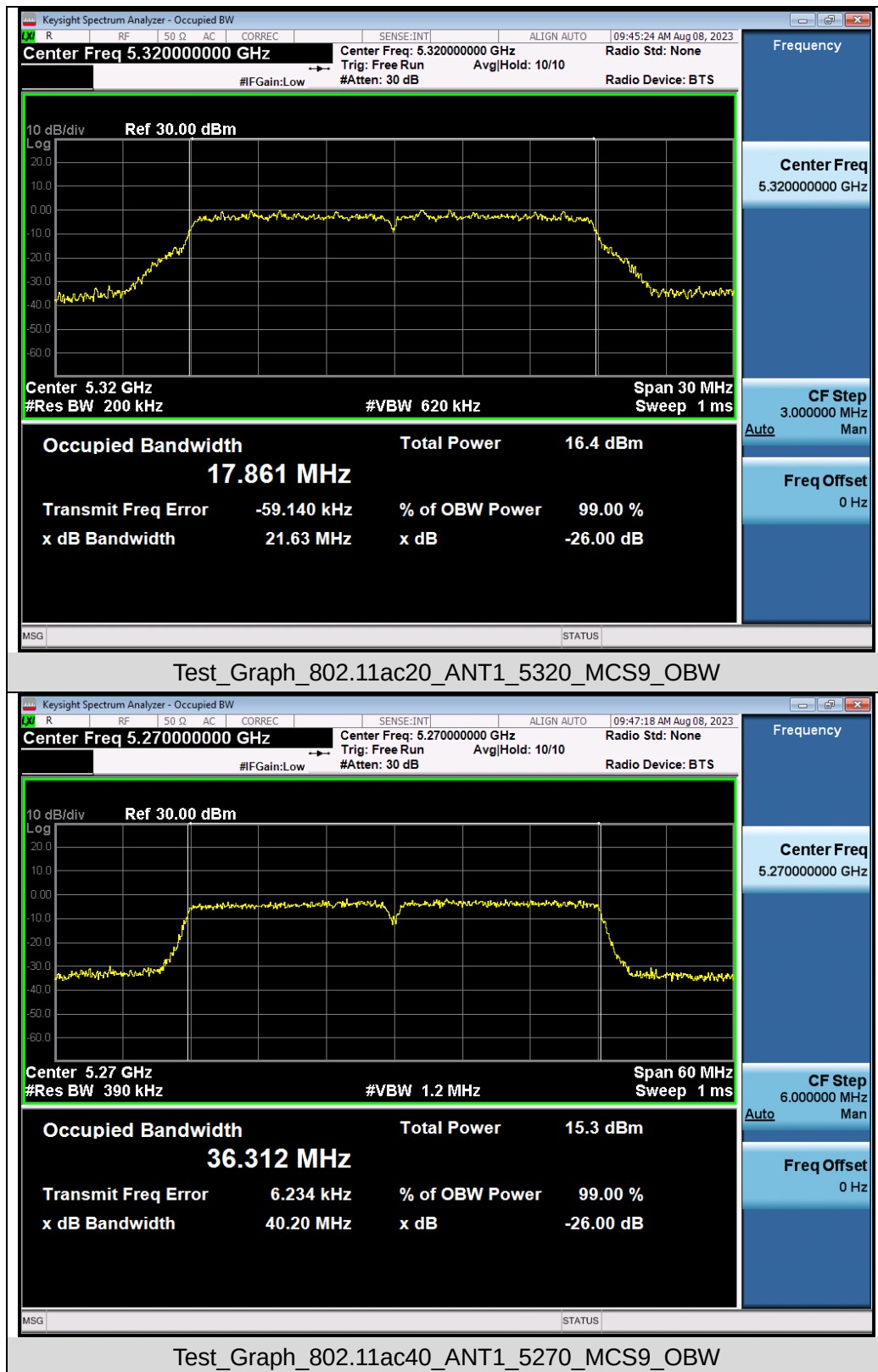
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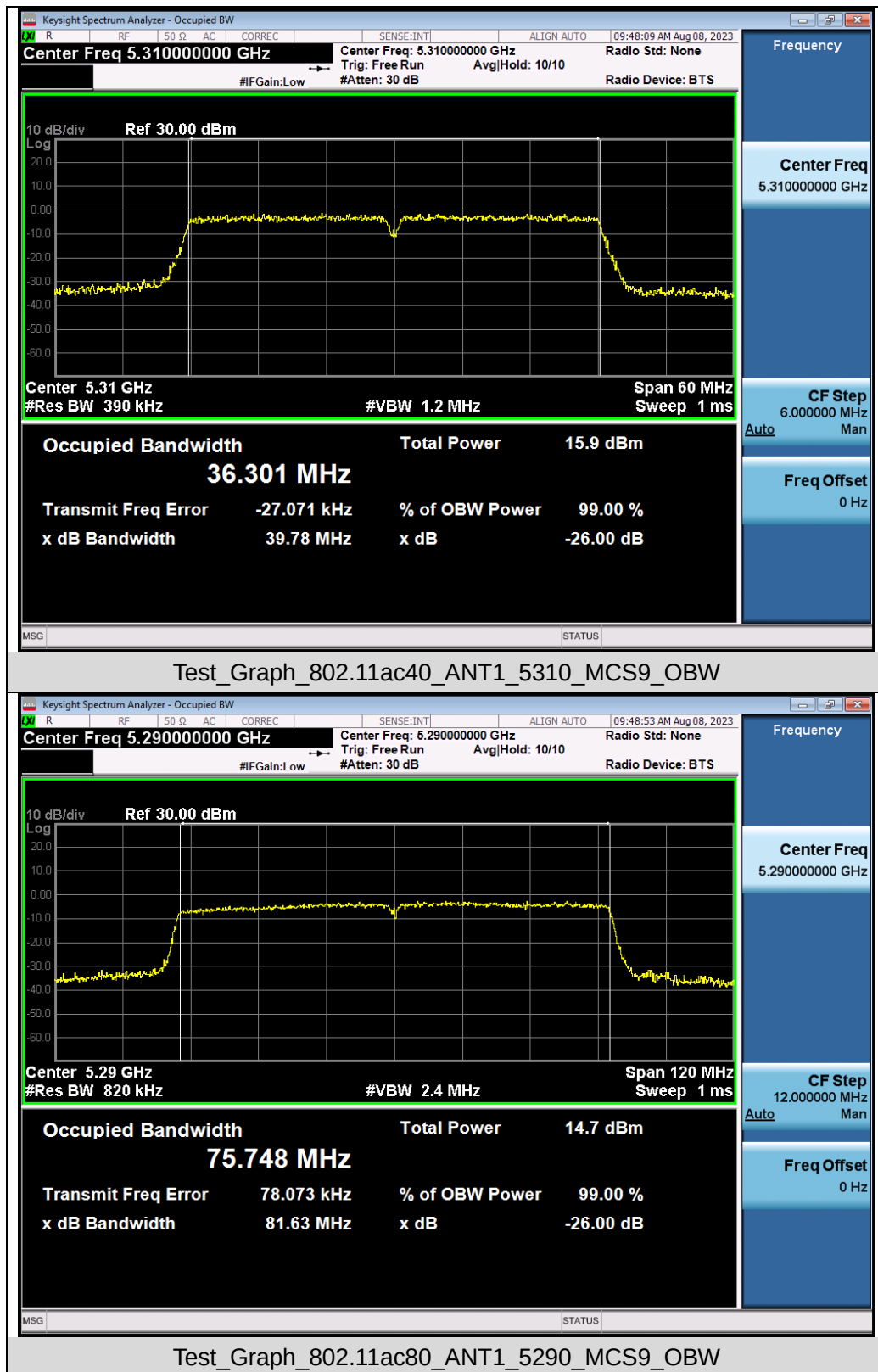


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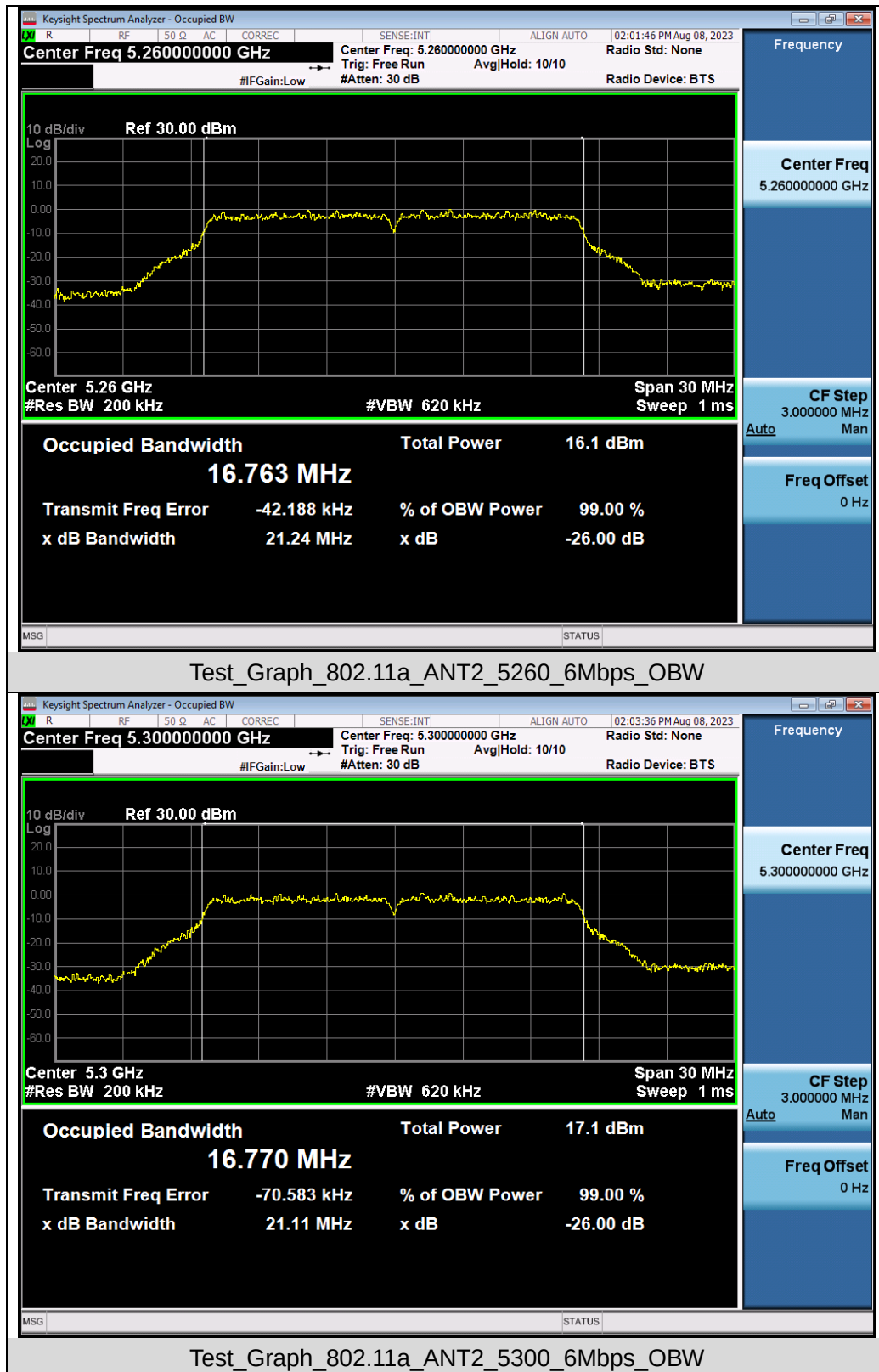


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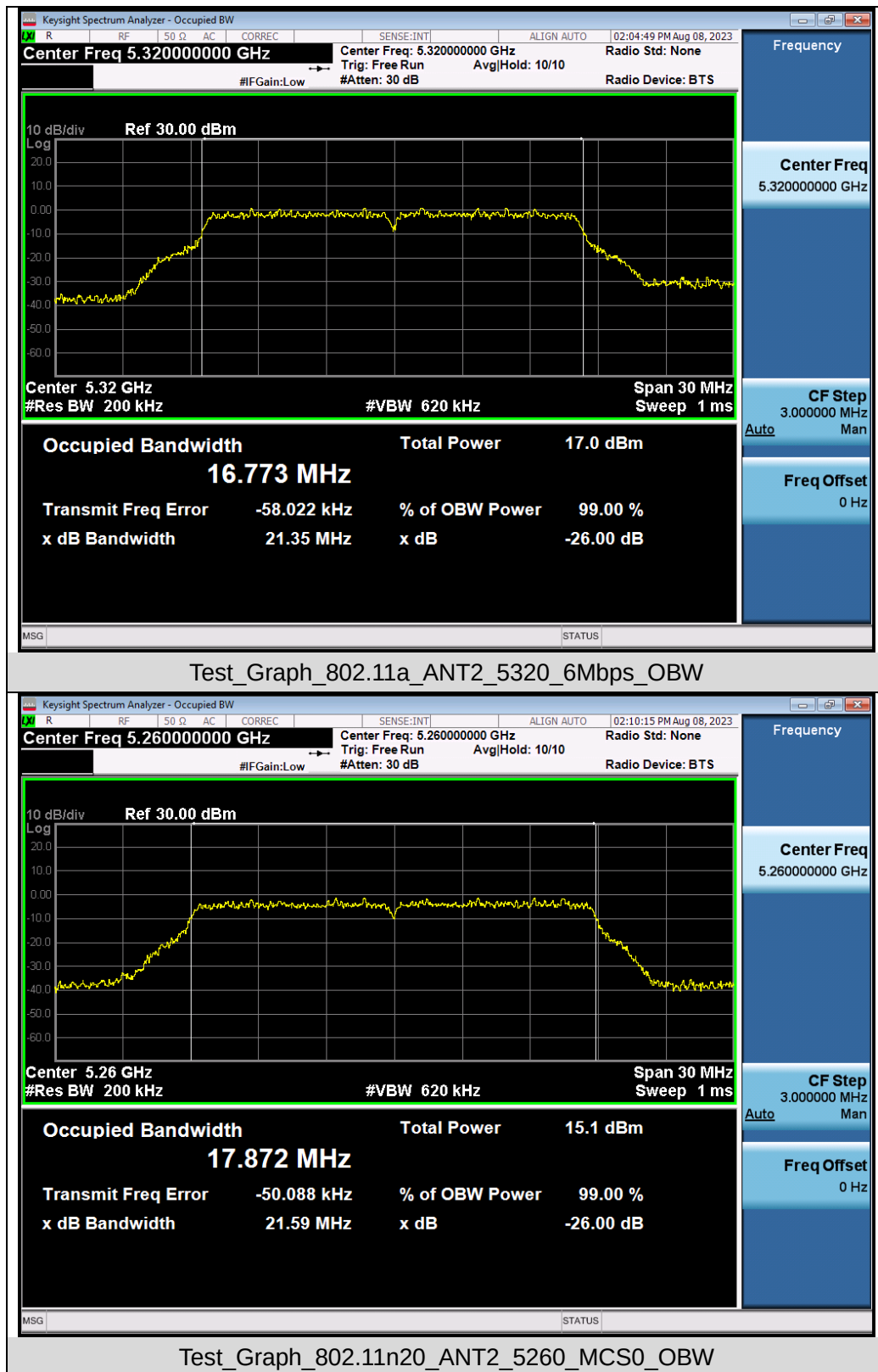
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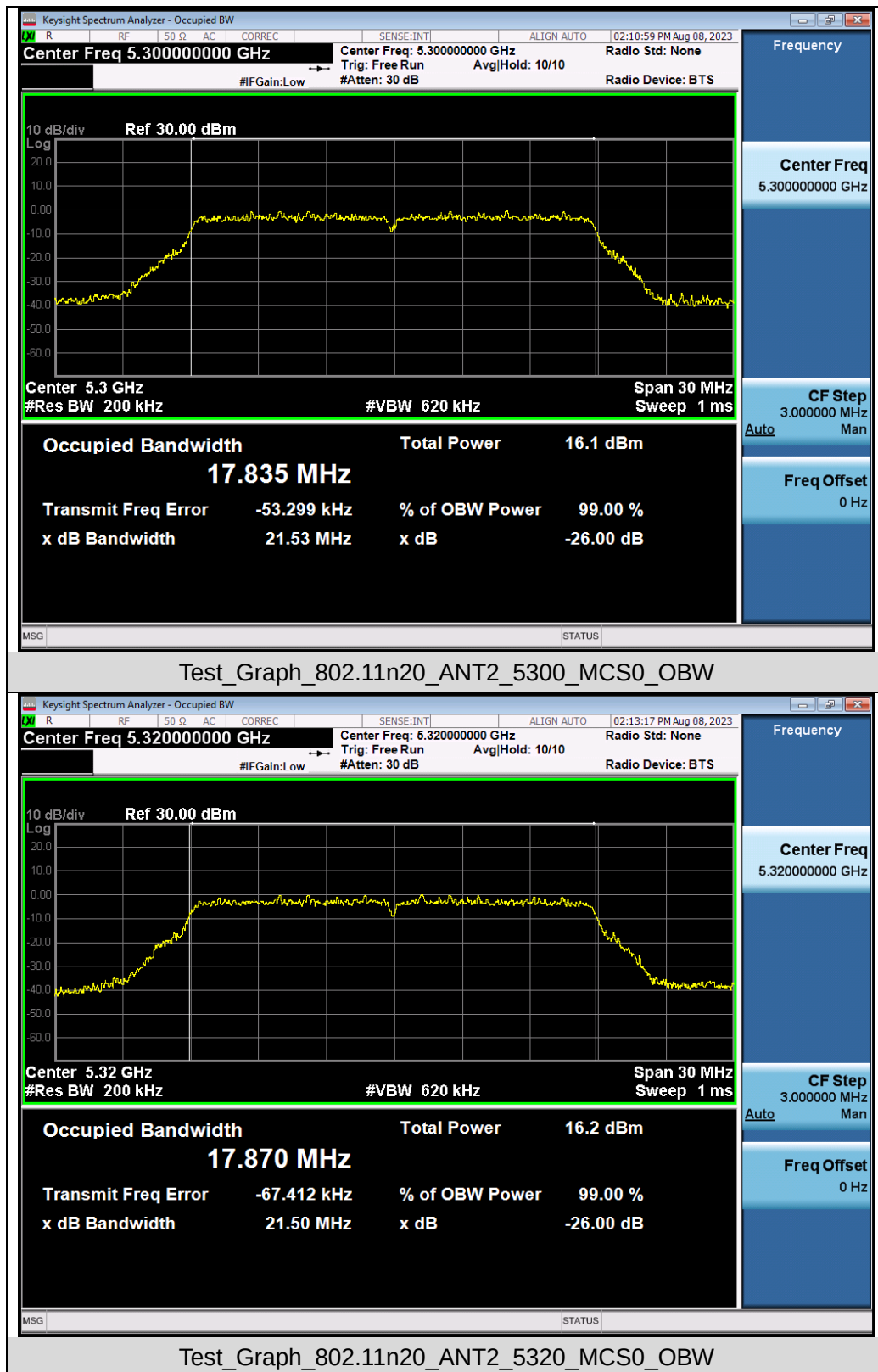
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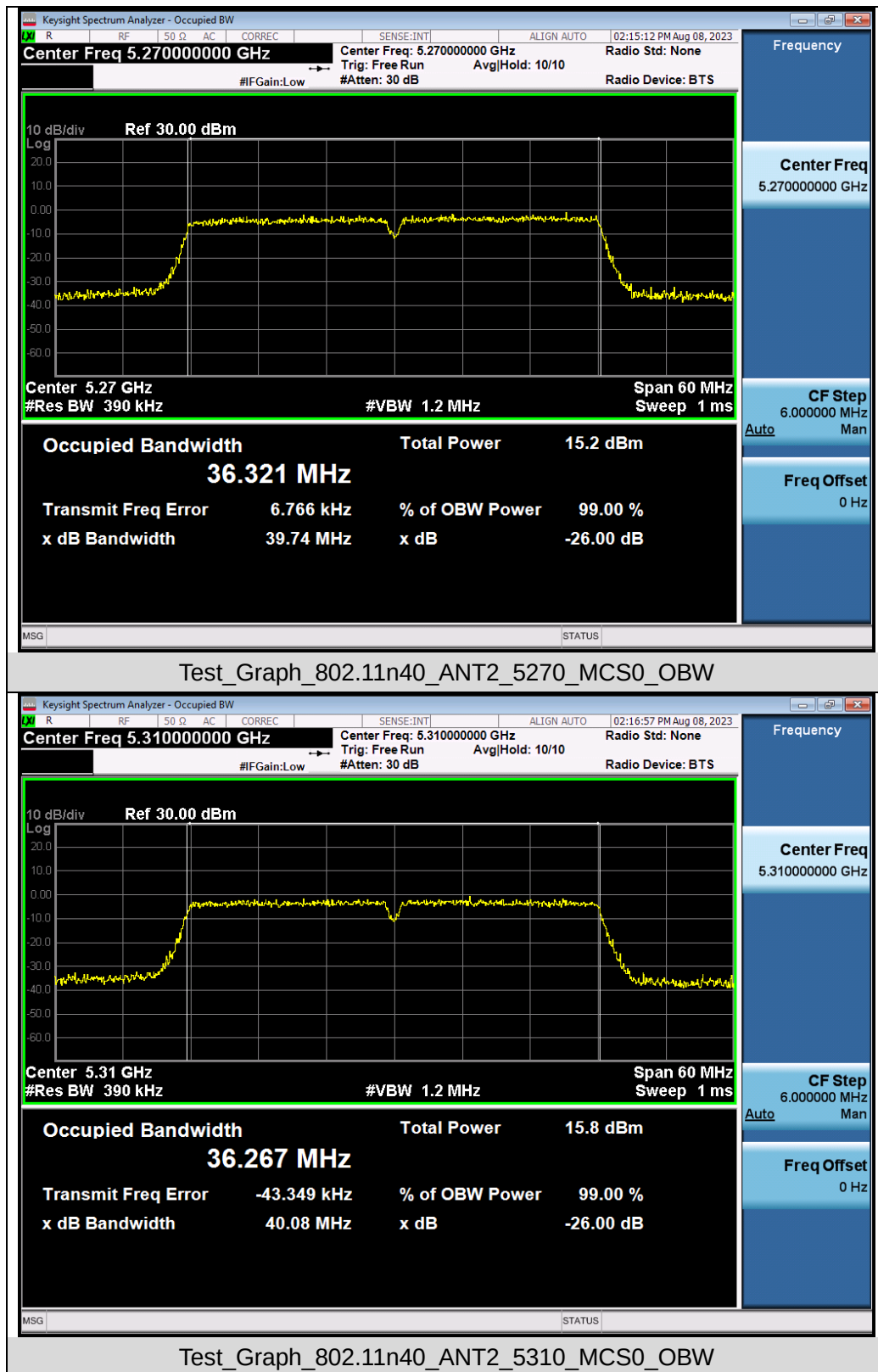
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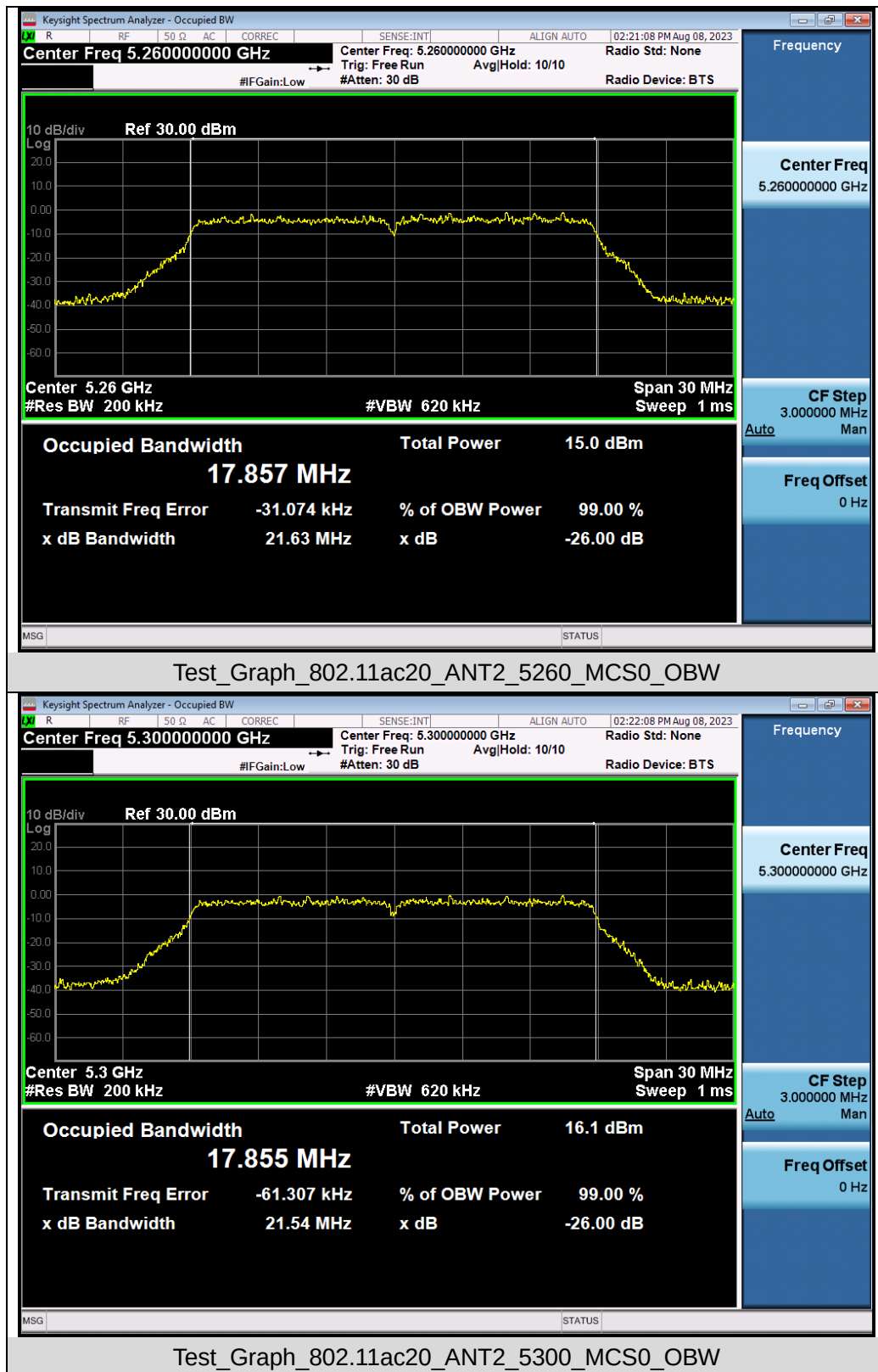
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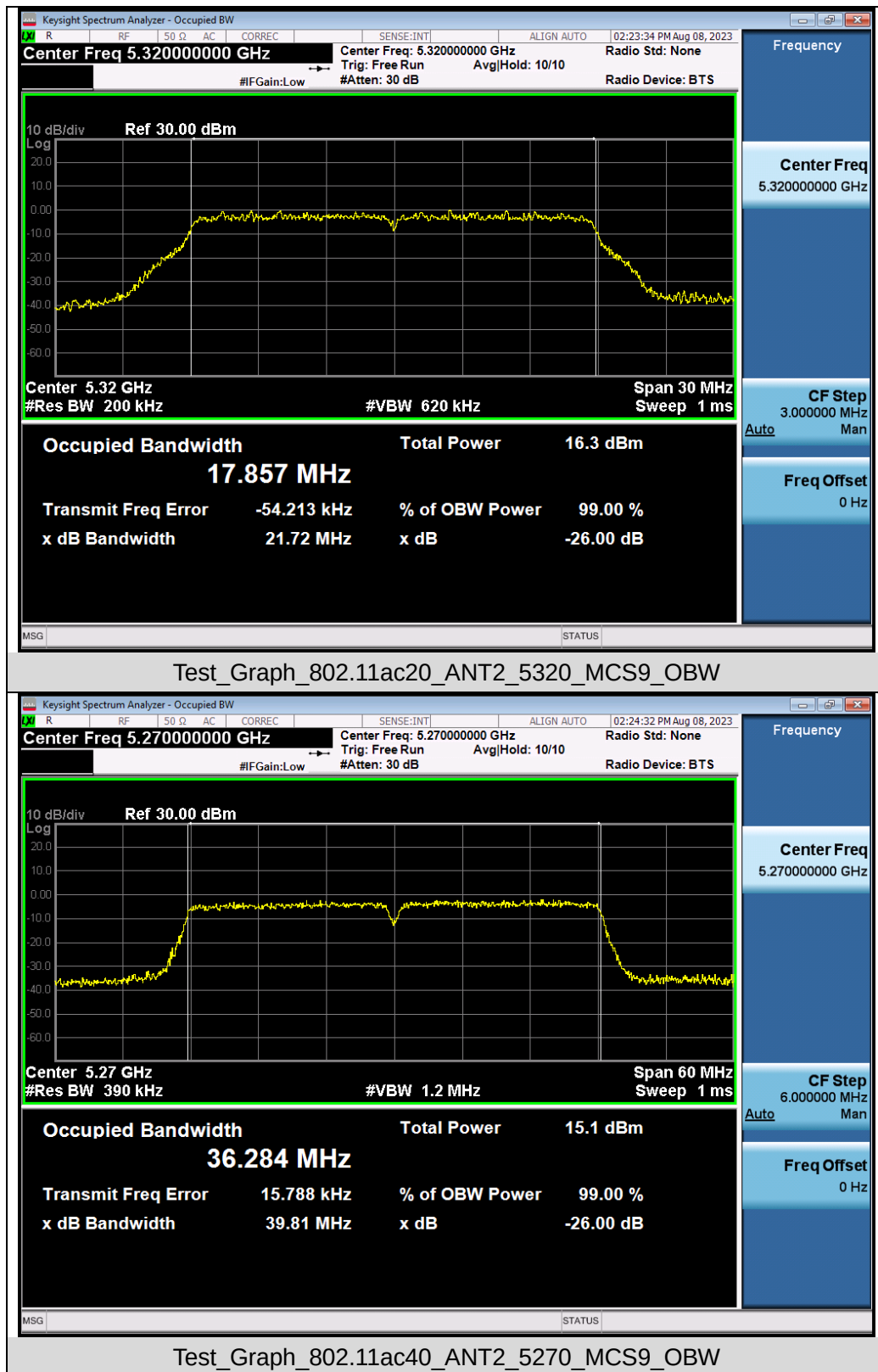


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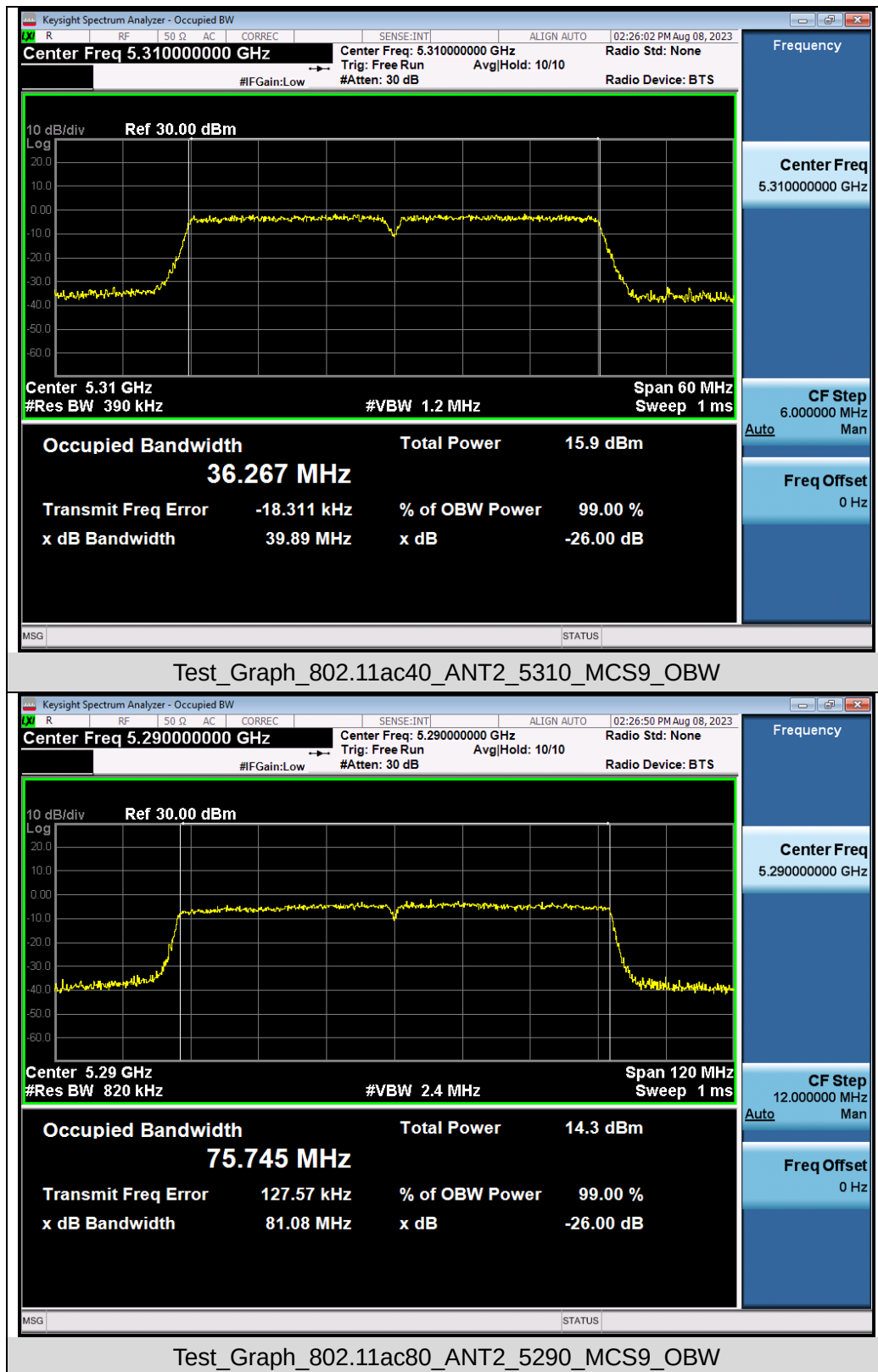
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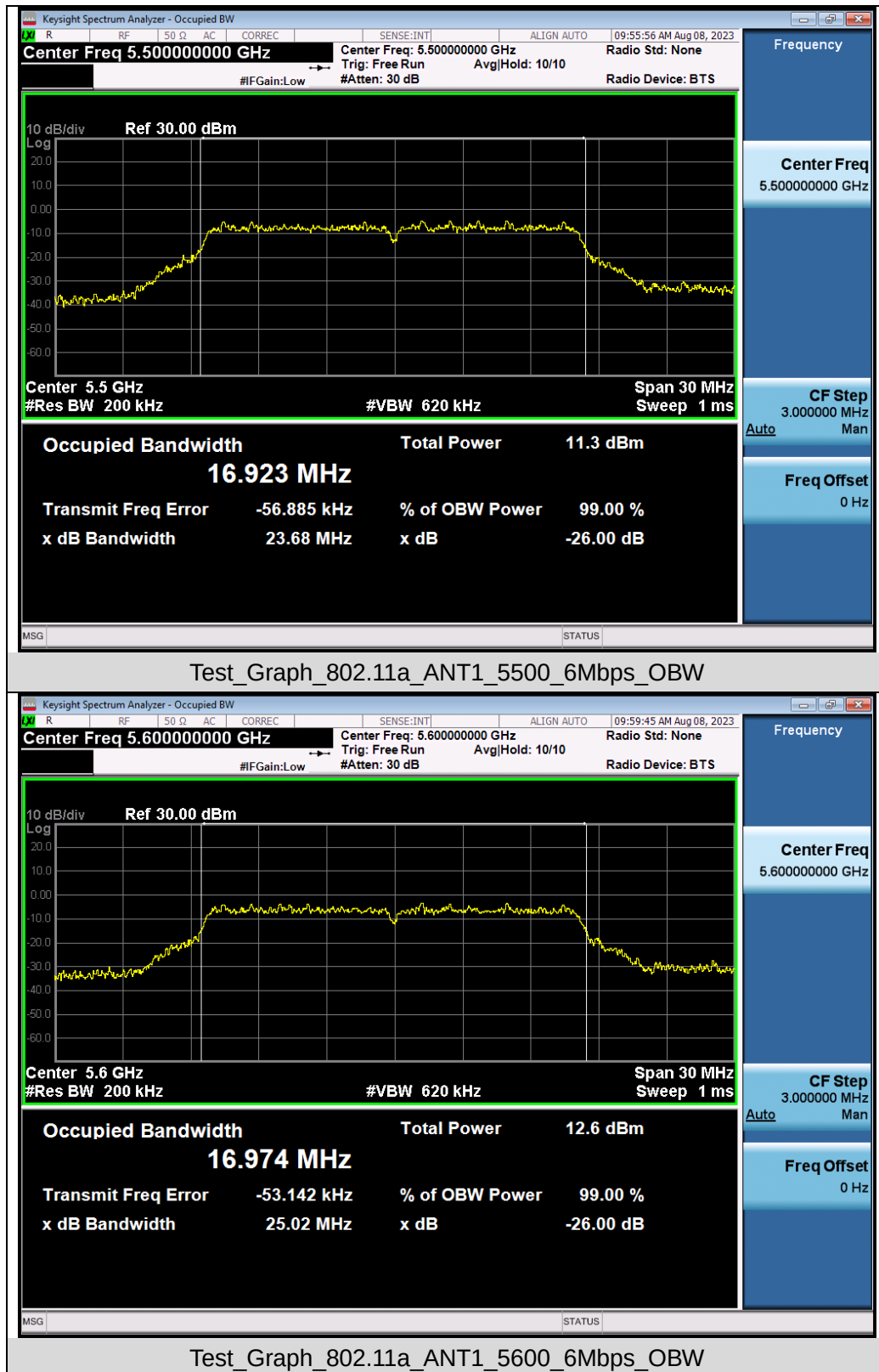
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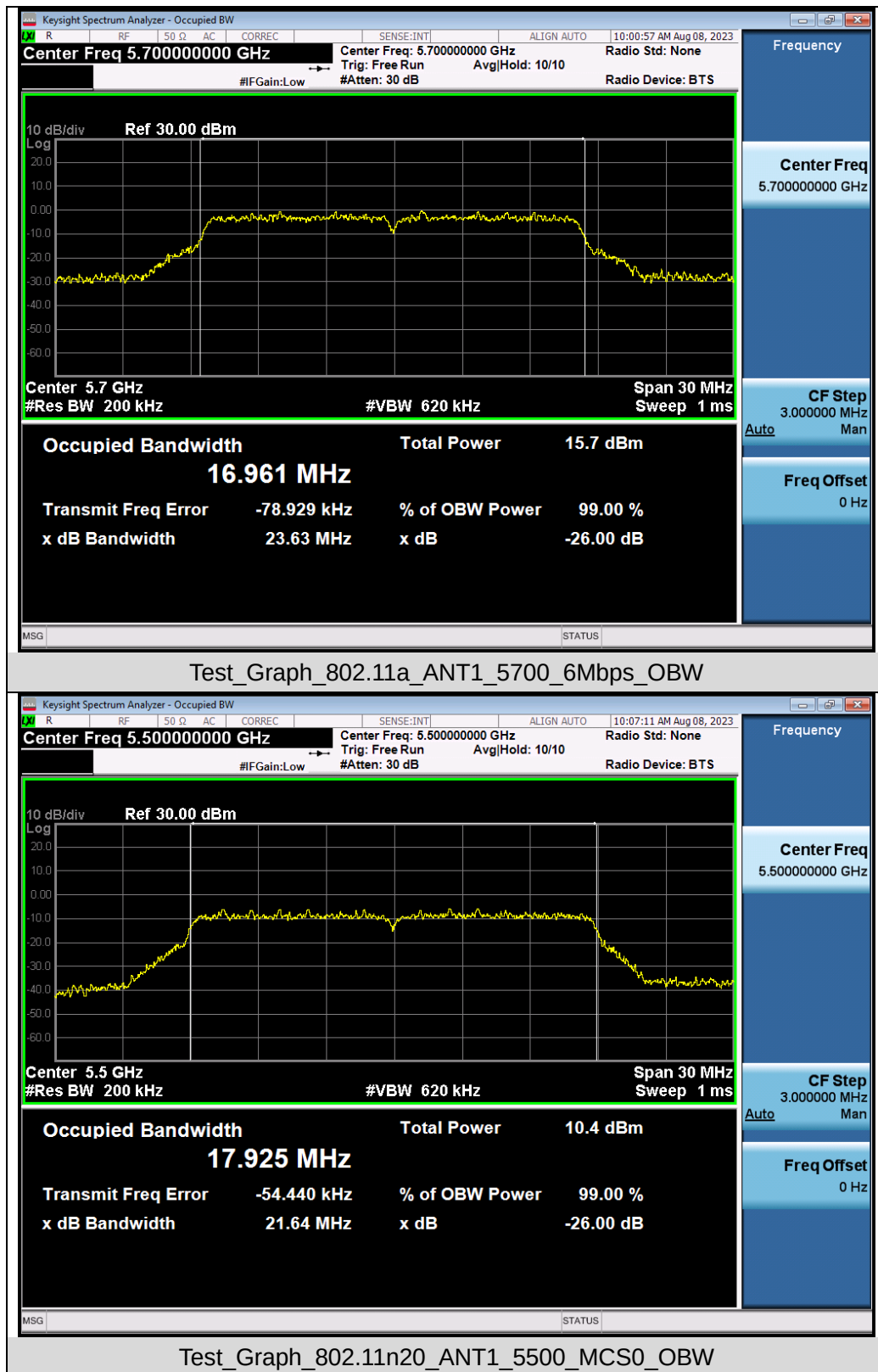


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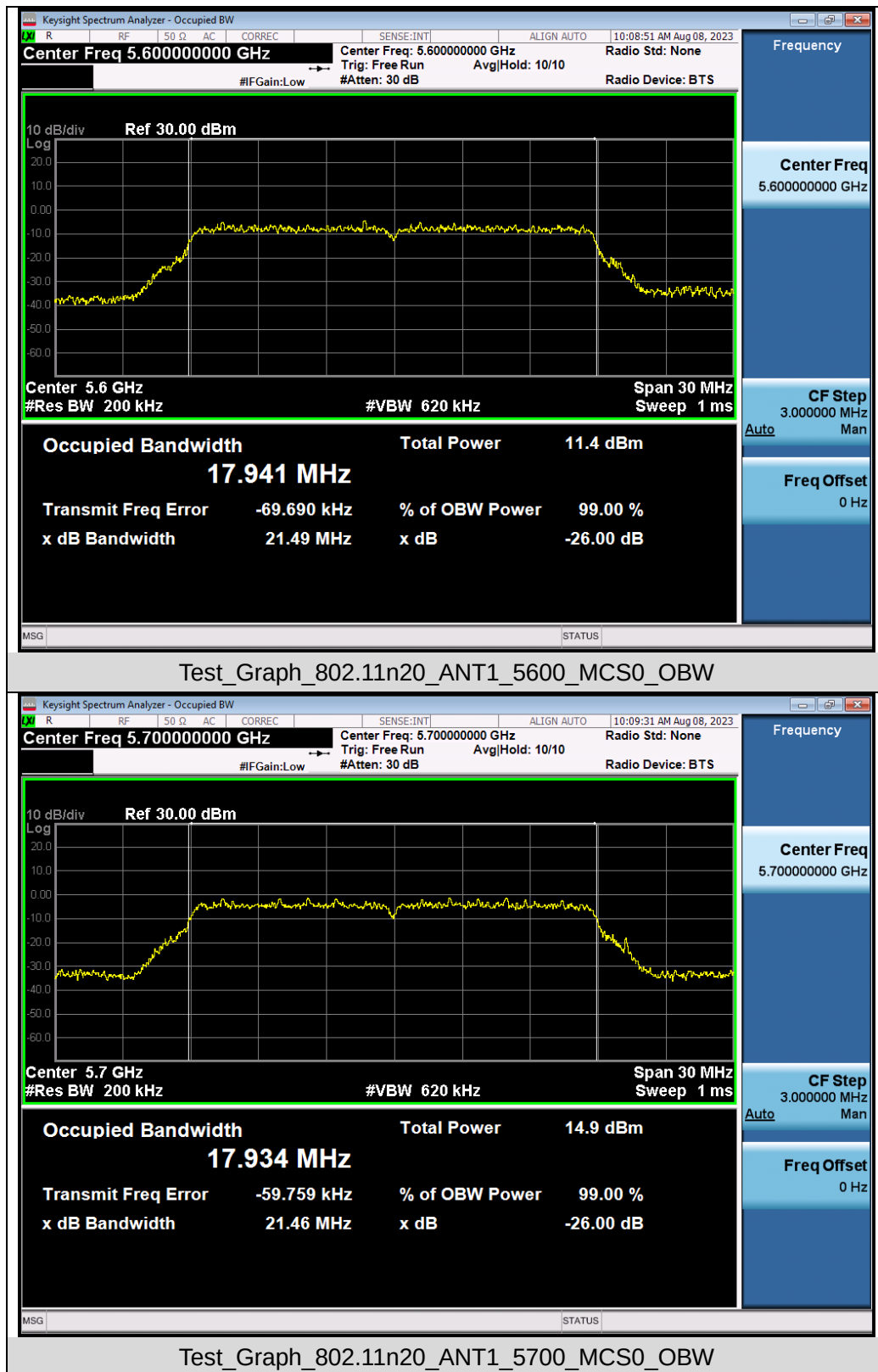
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.470-5.725 GHz



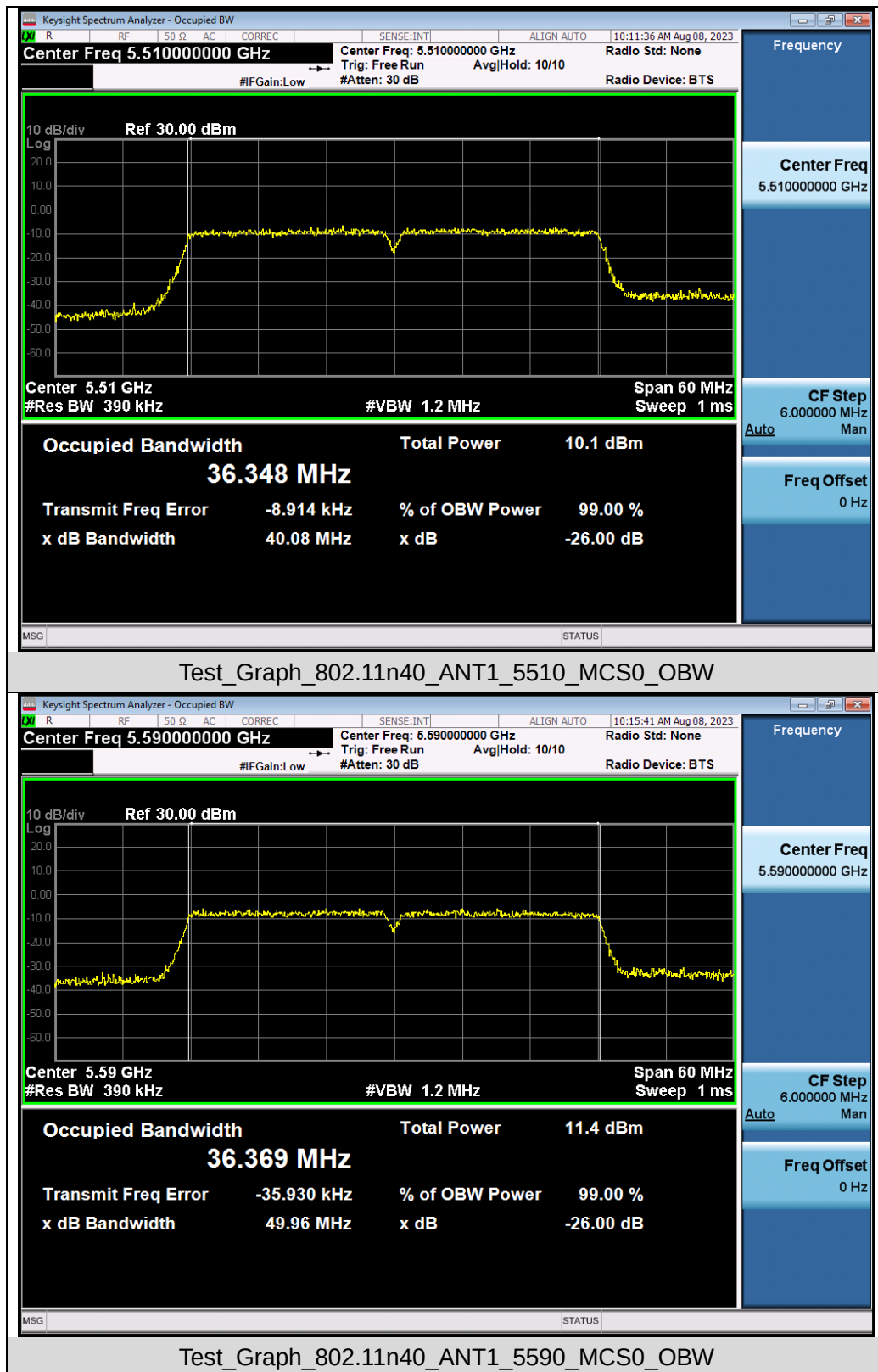
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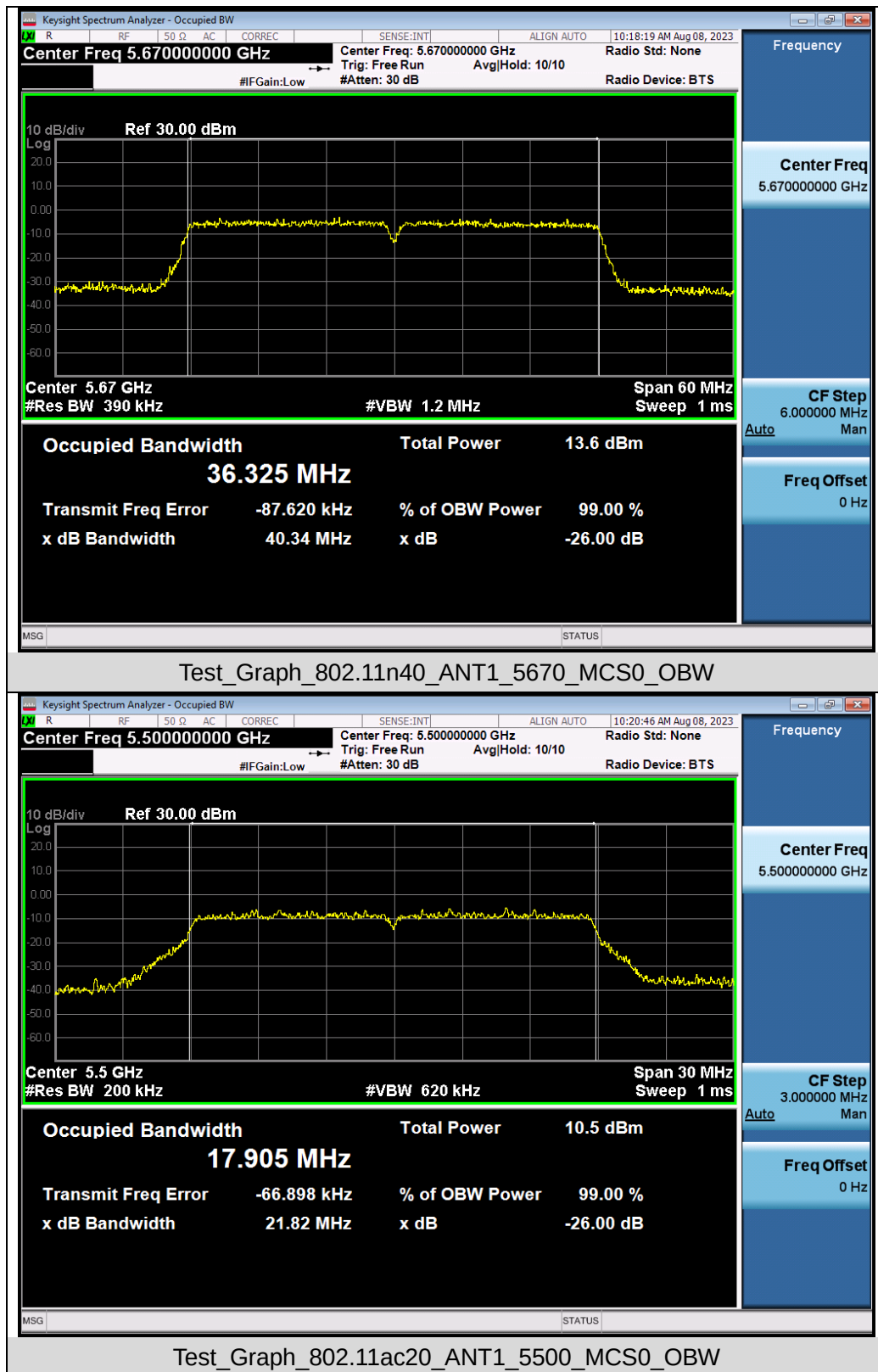
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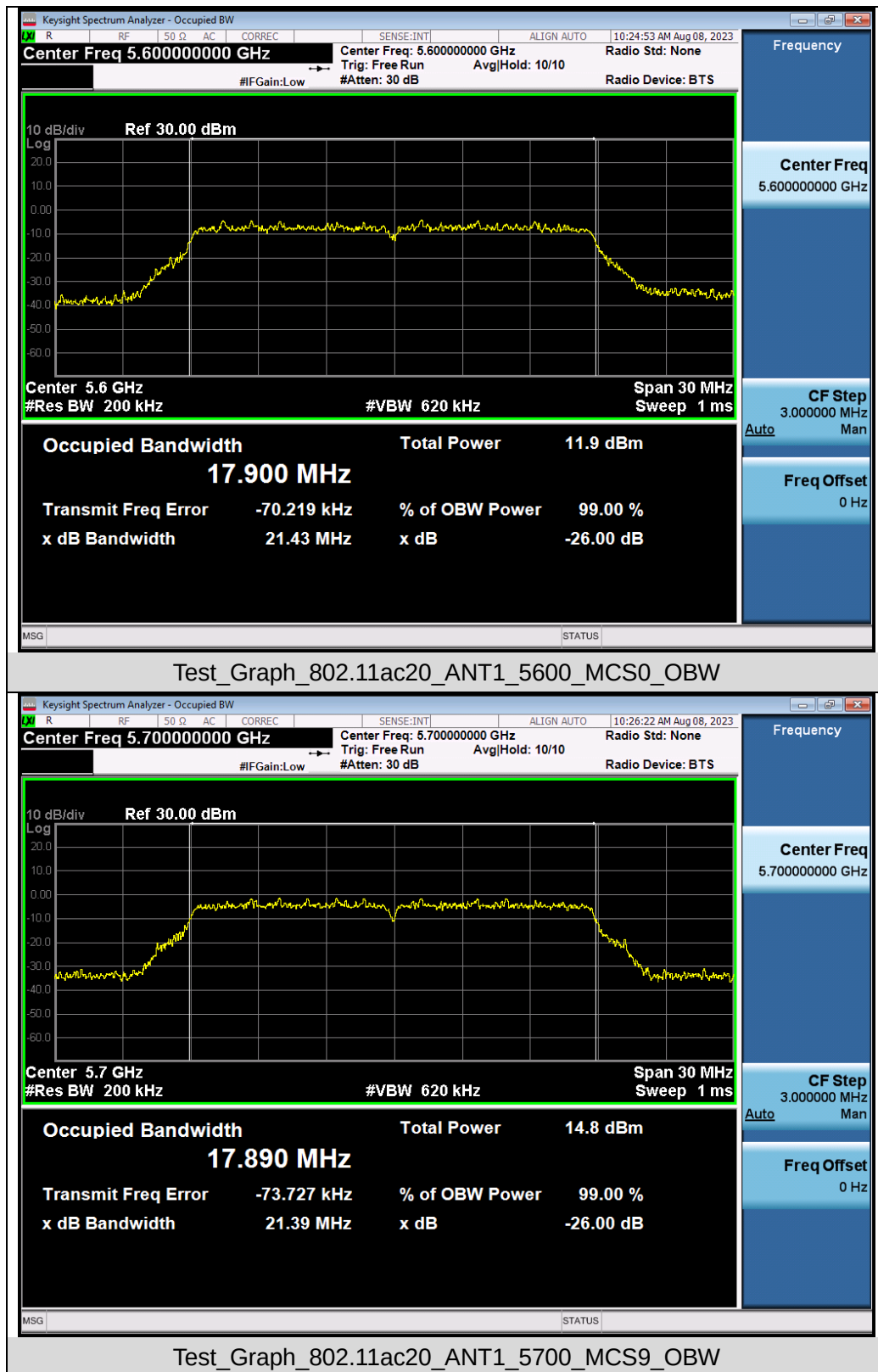
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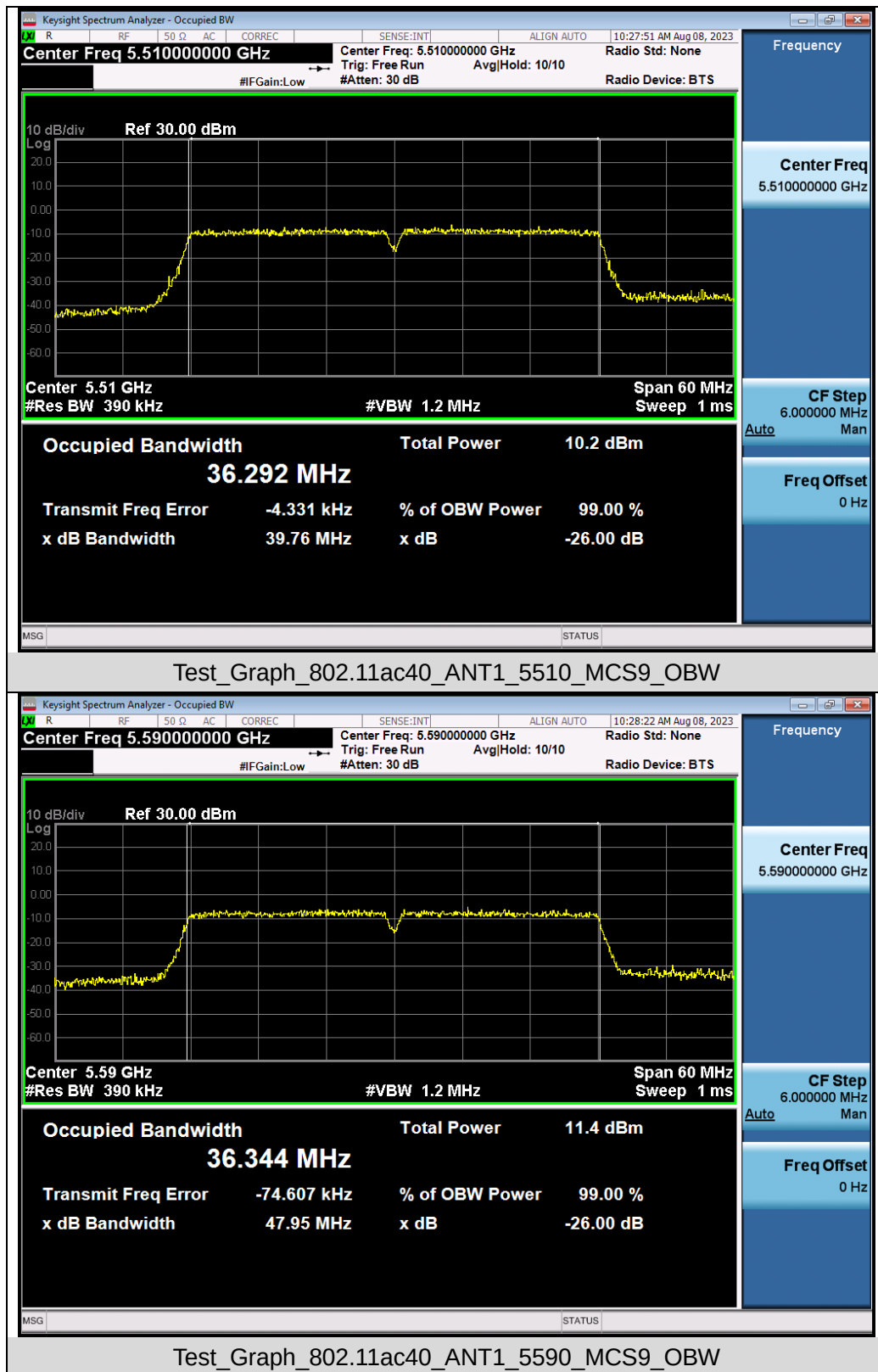


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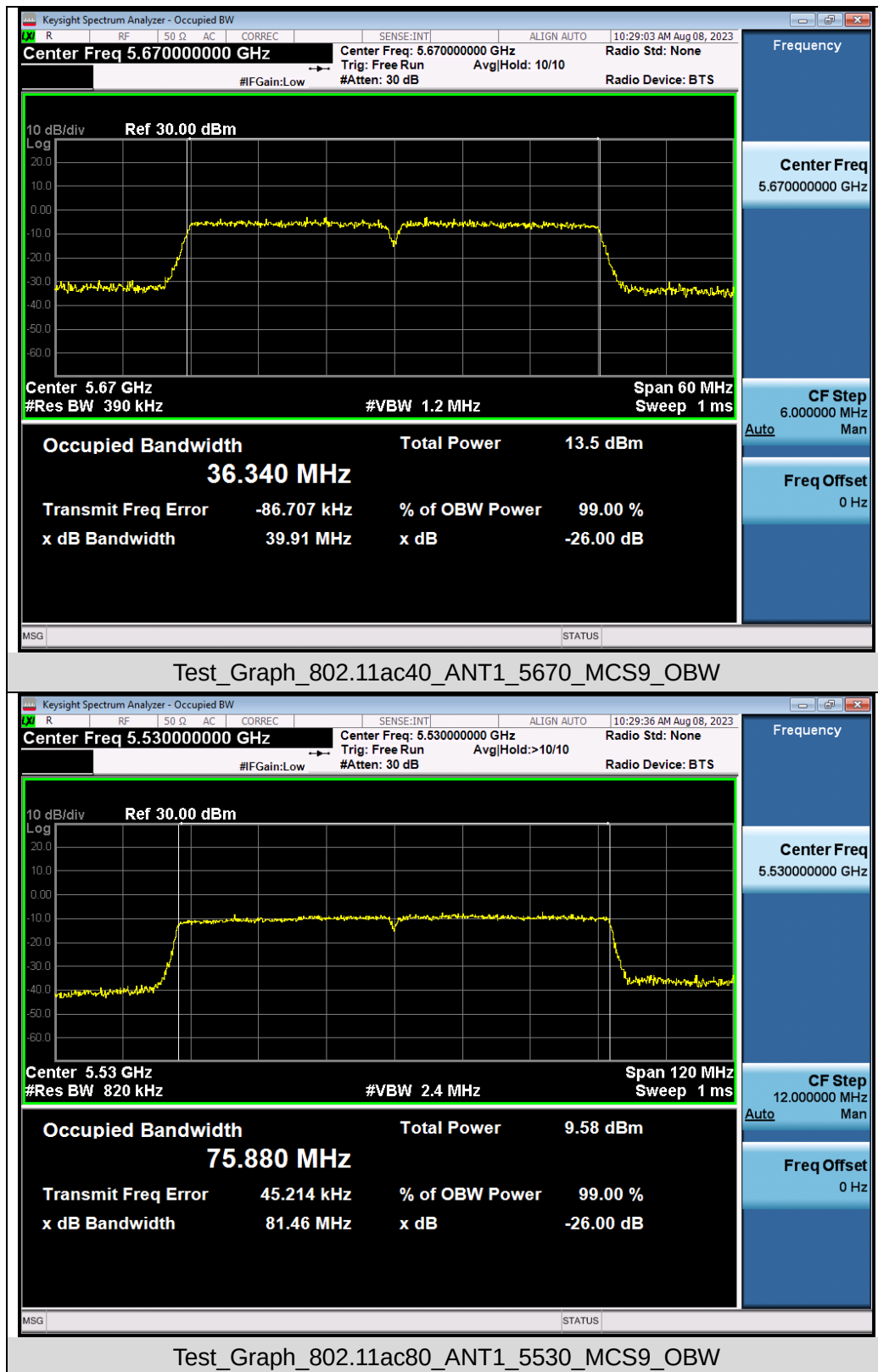


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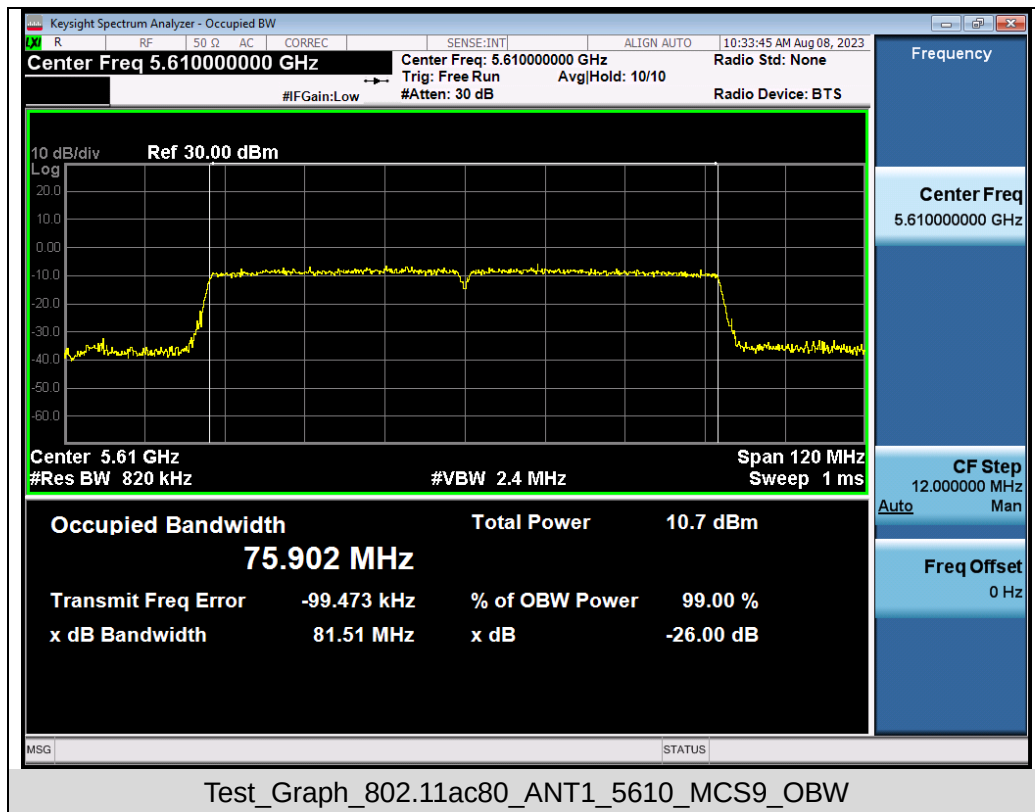
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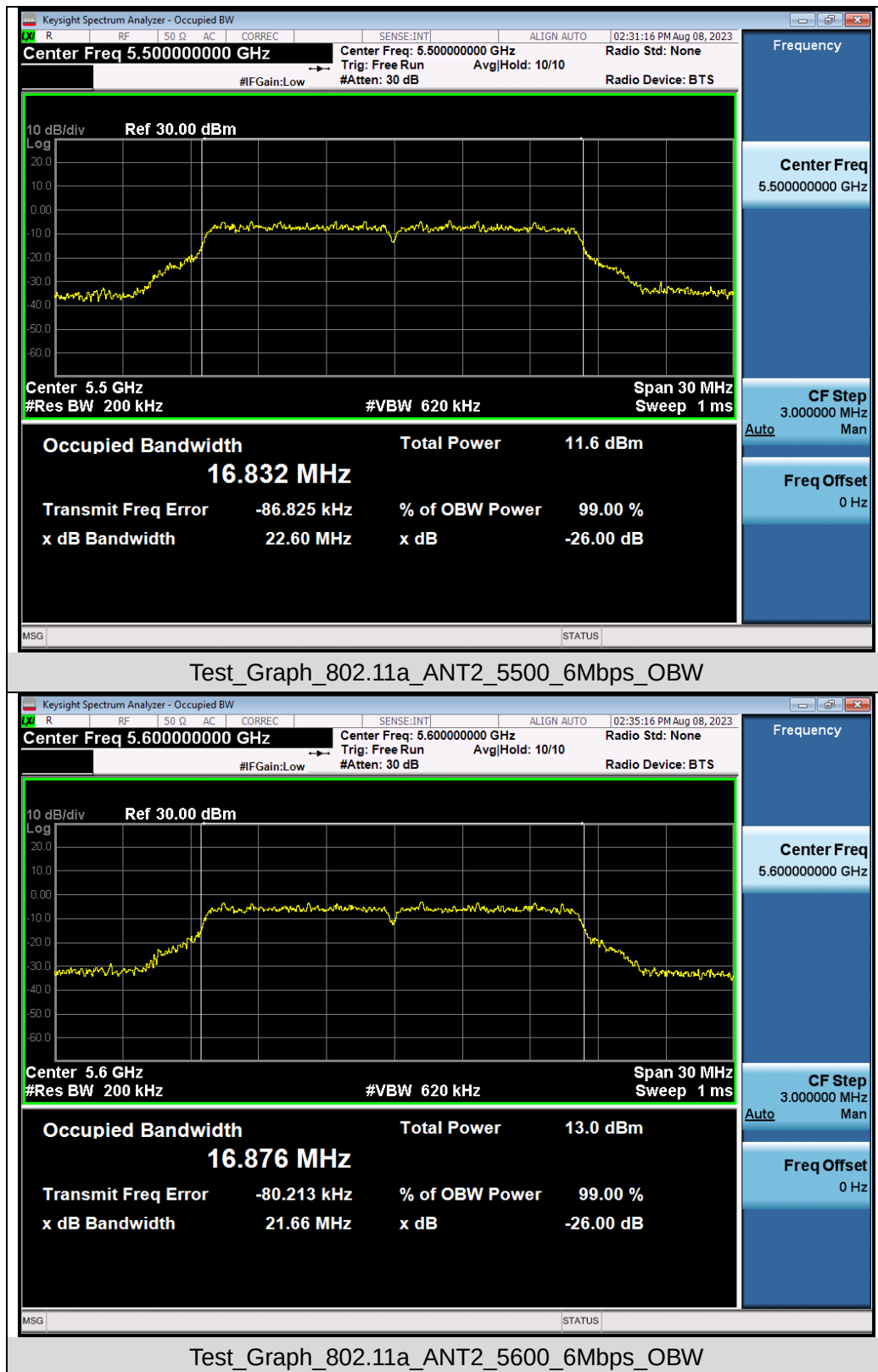


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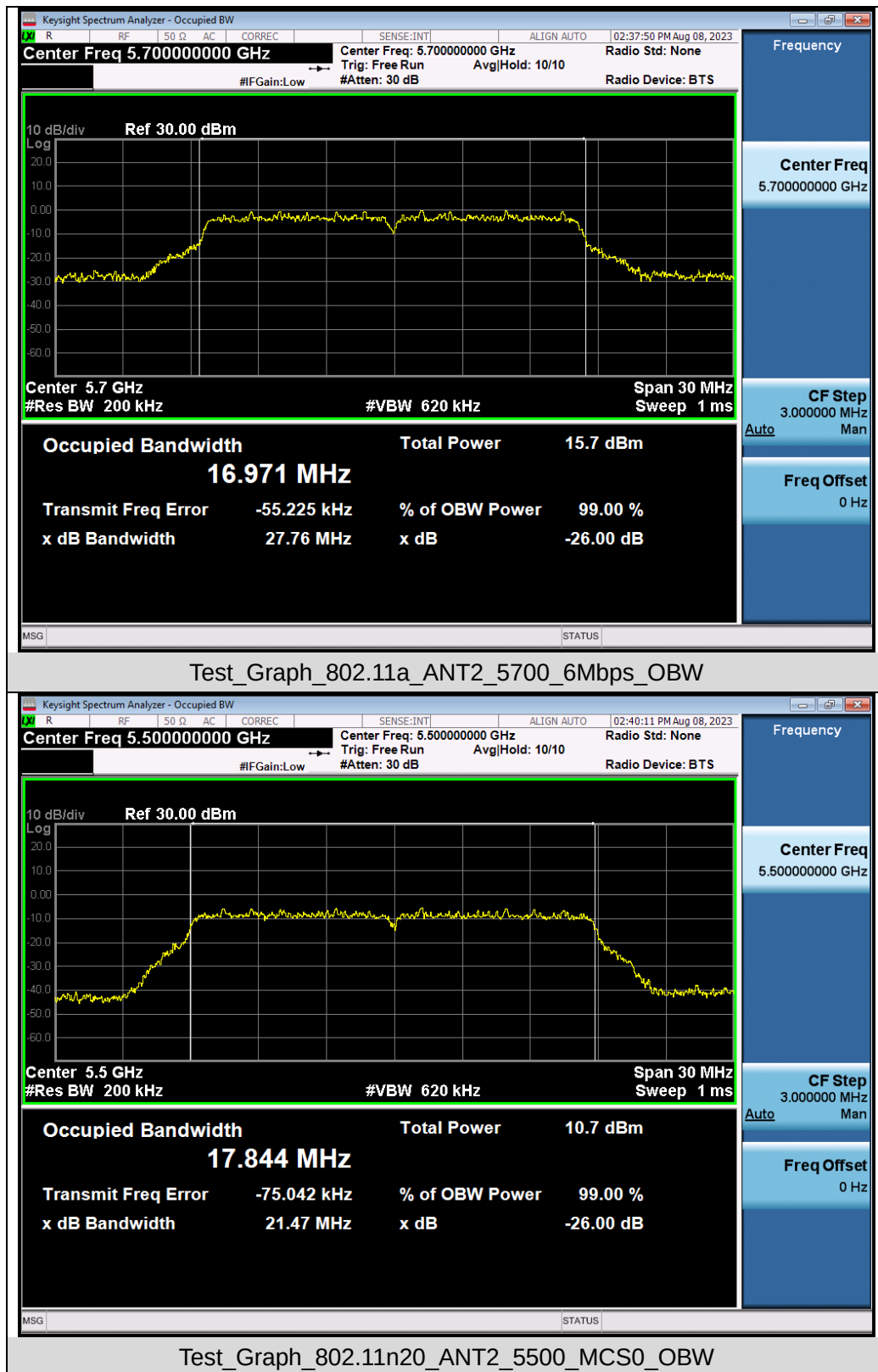
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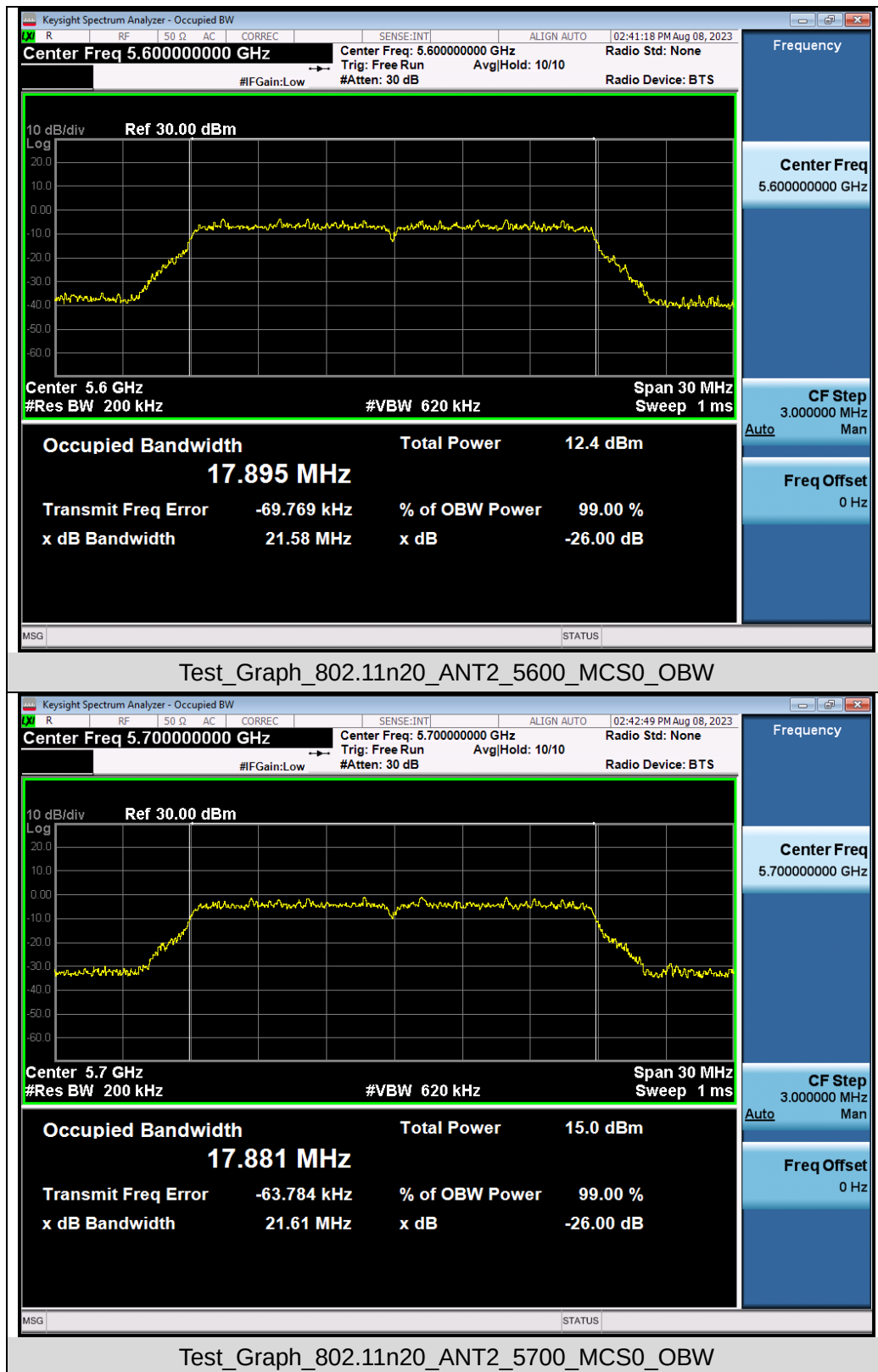


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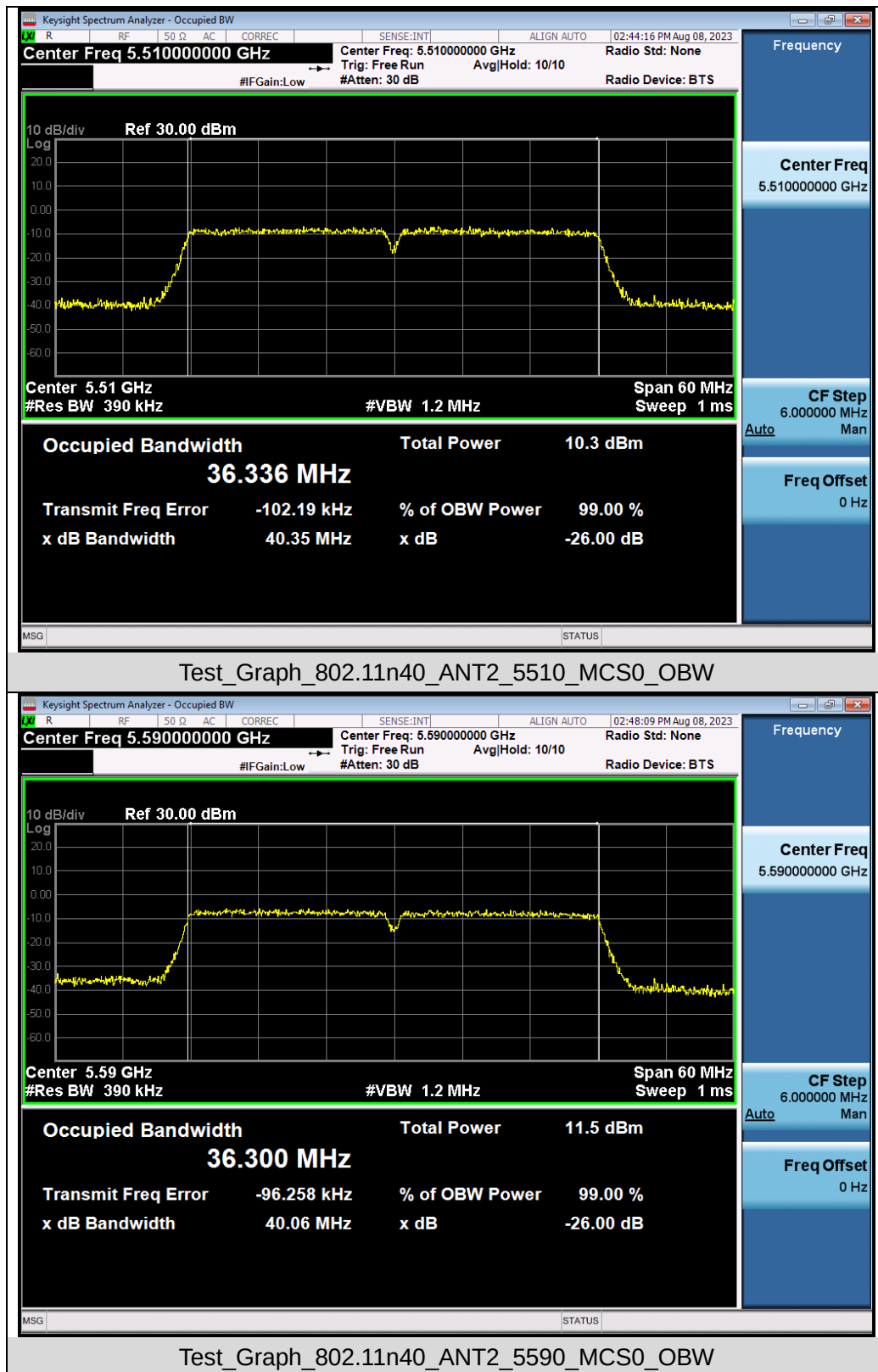
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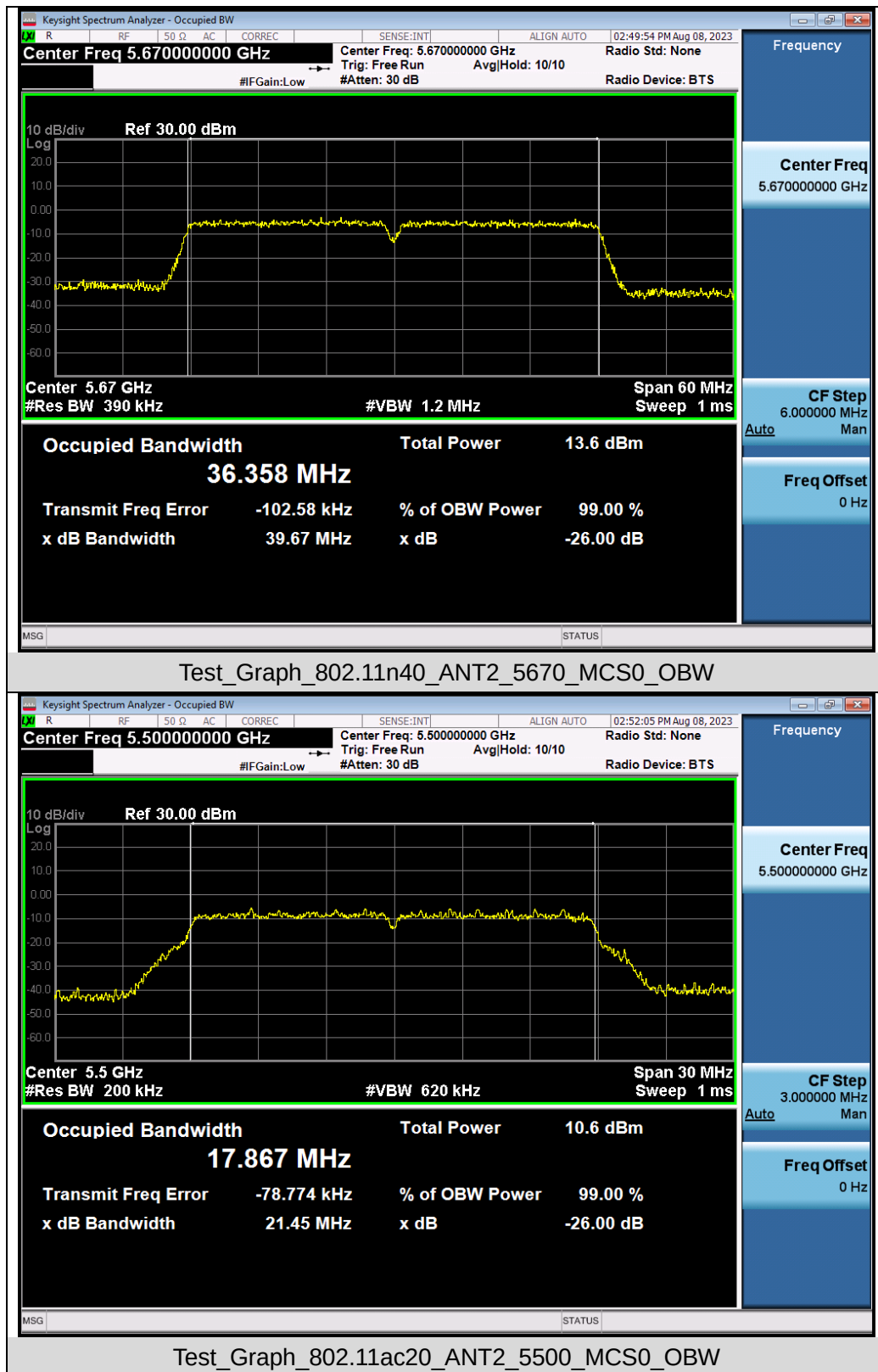
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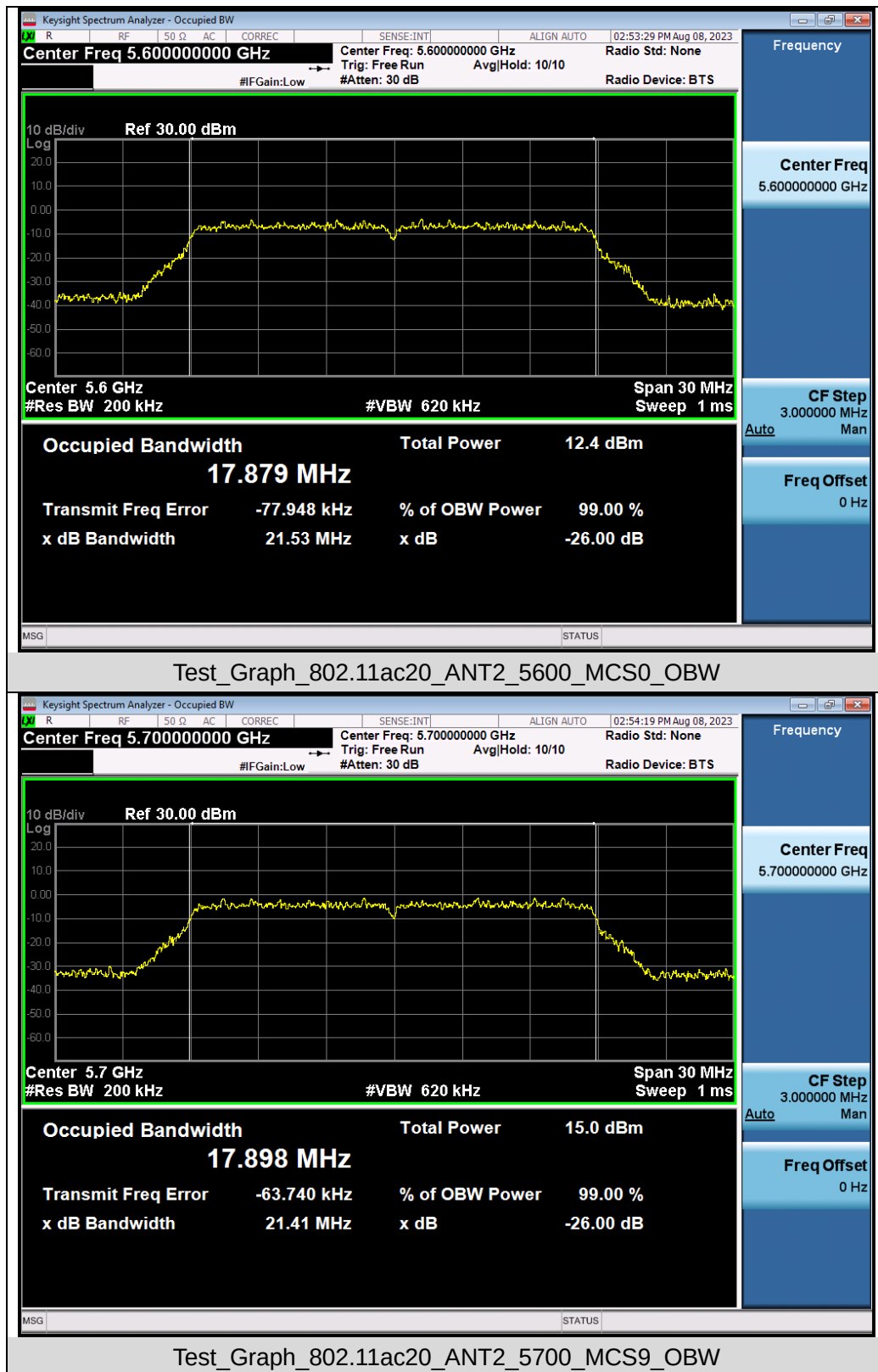
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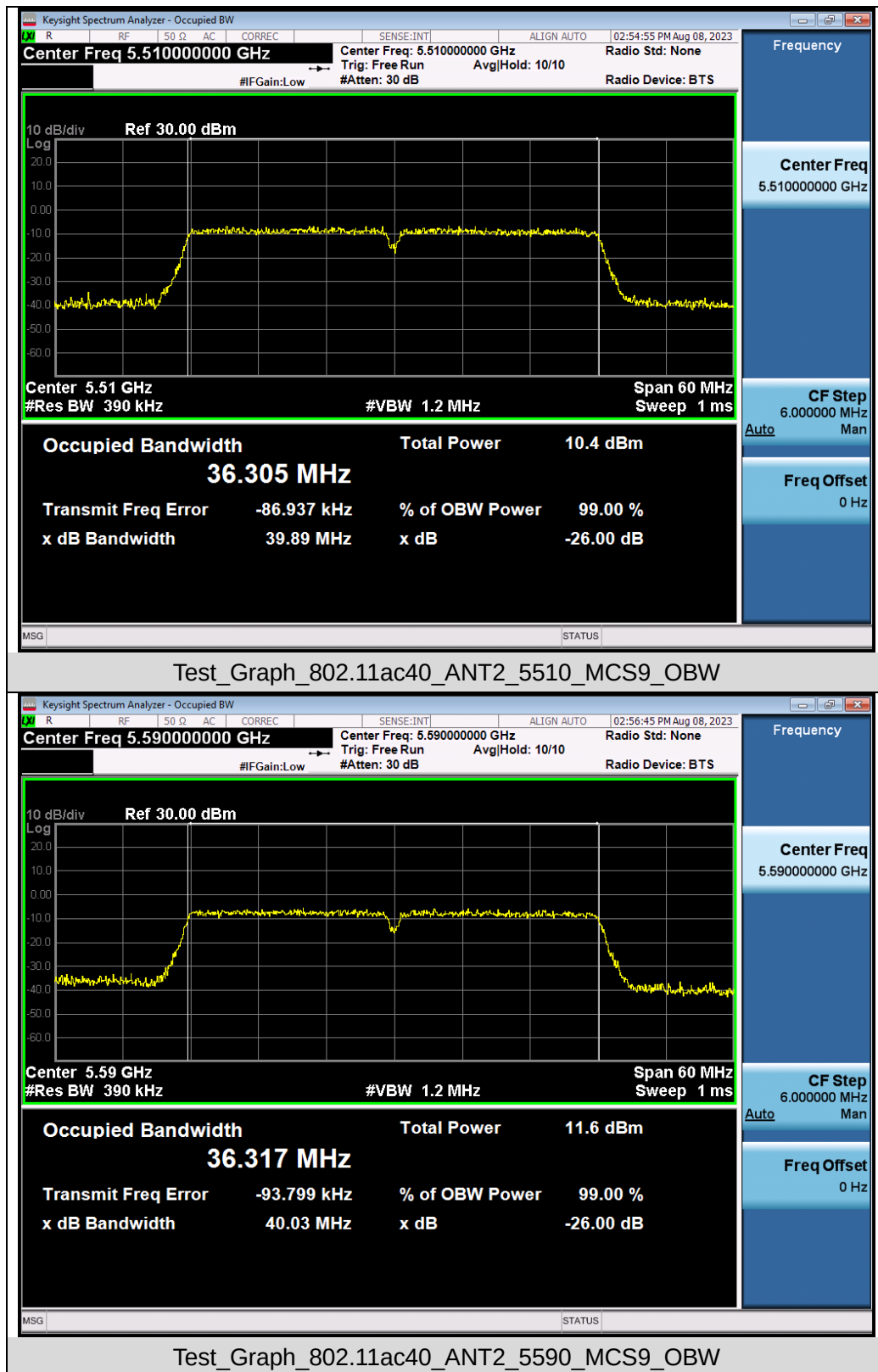
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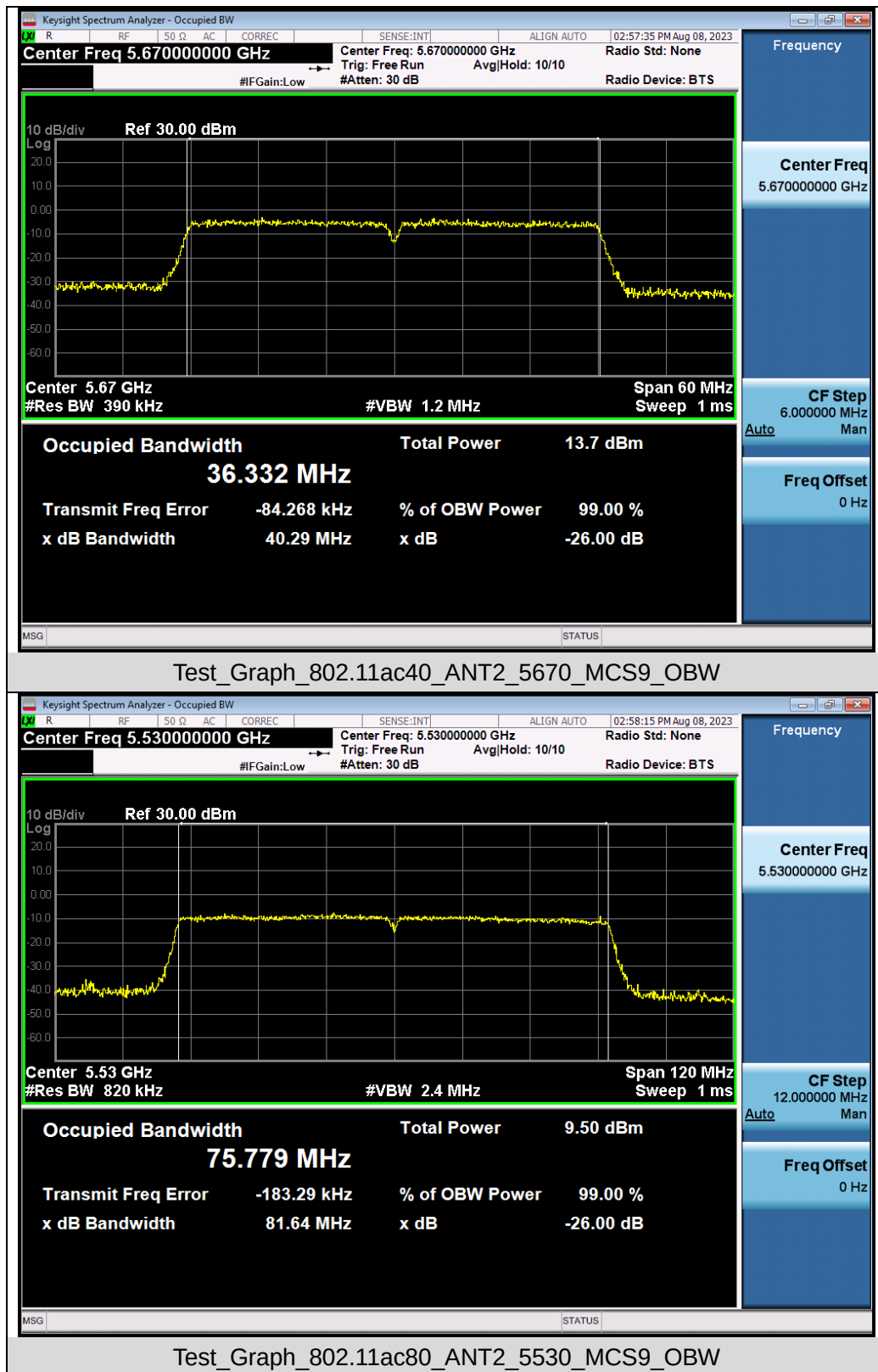


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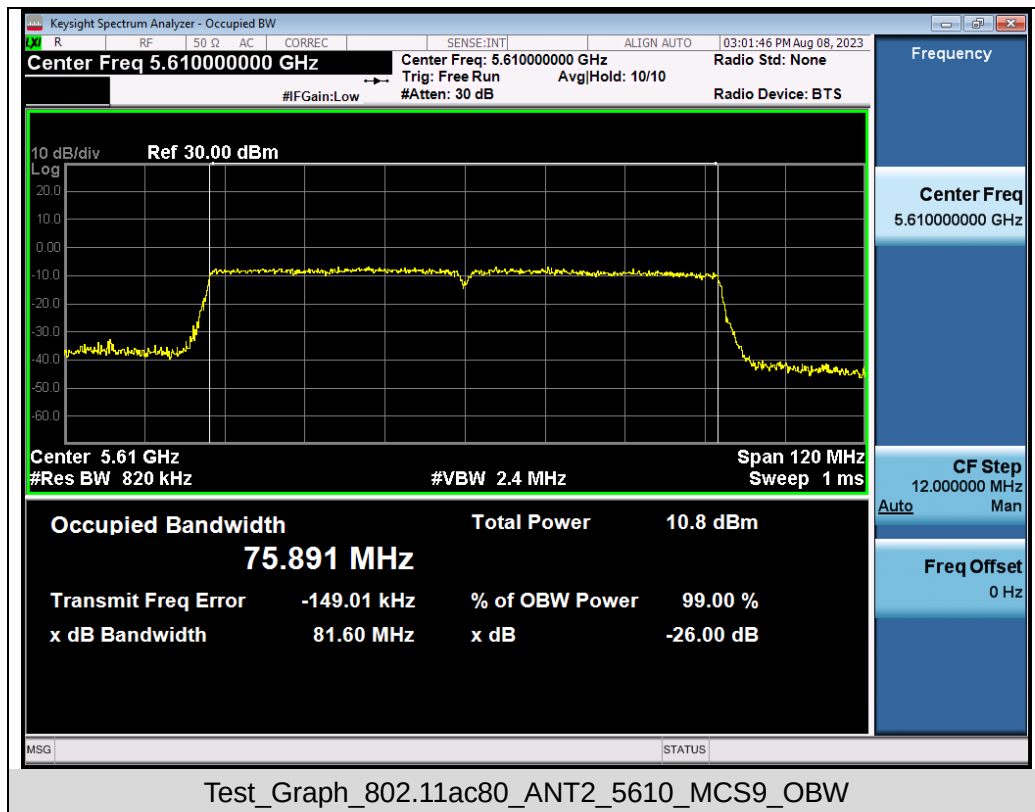
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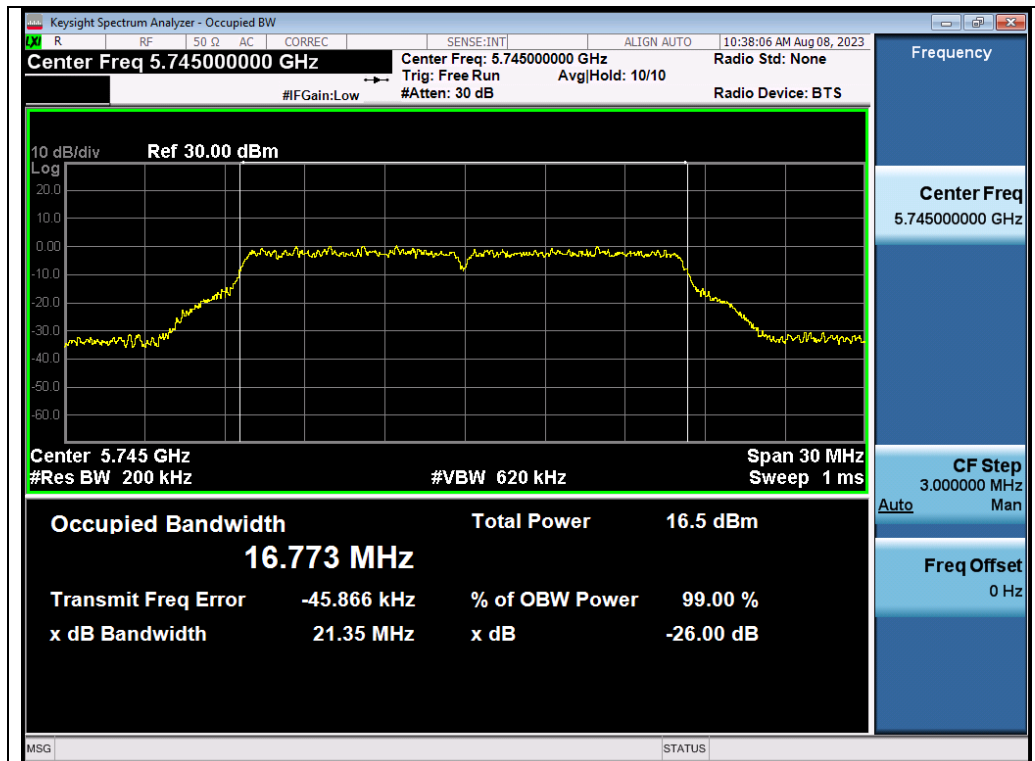
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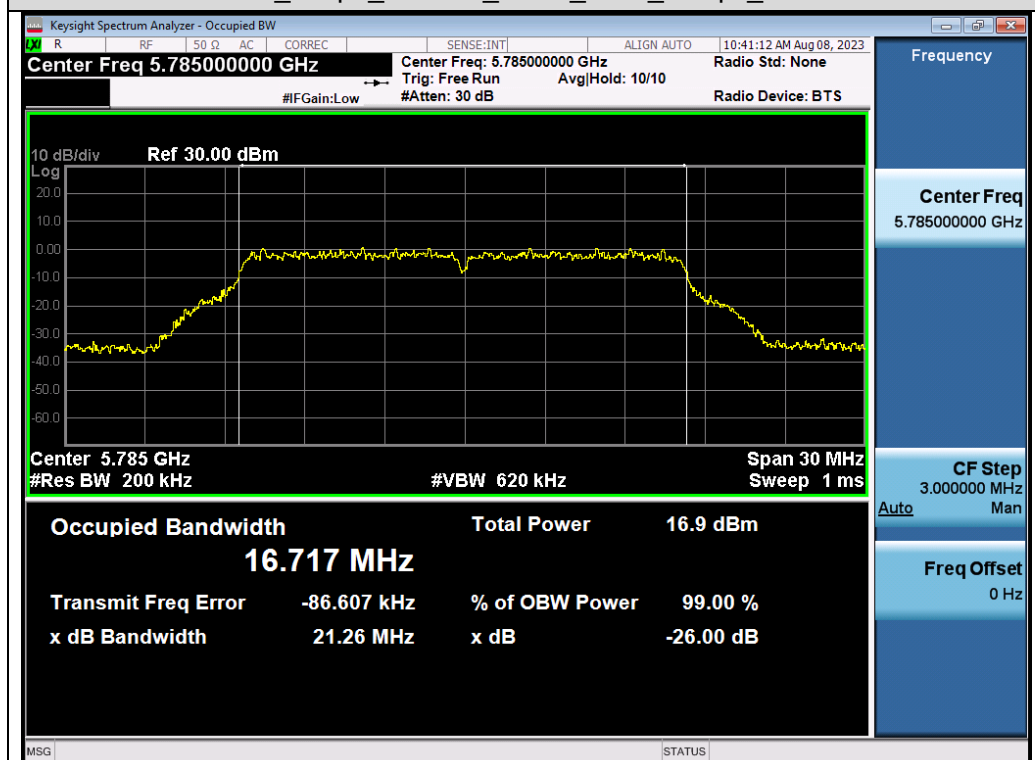
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Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.745-5.825 GHz



Test_Graph_802.11a_ANT1_5745_6Mbps_OBW



Test_Graph_802.11a_ANT1_5785_6Mbps_OBW

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