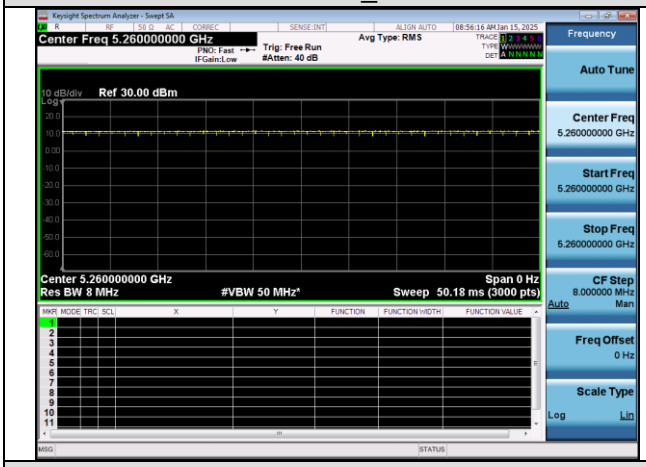
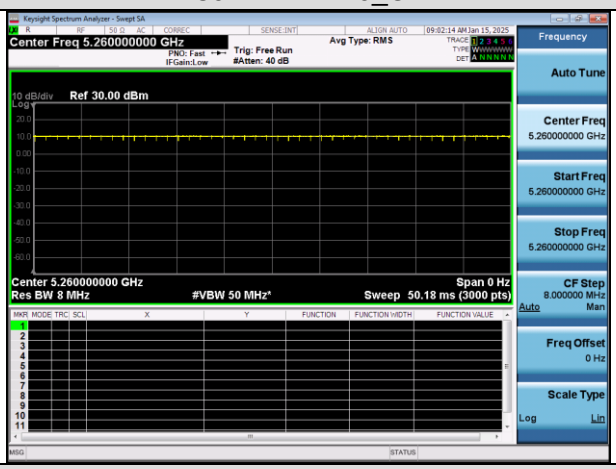
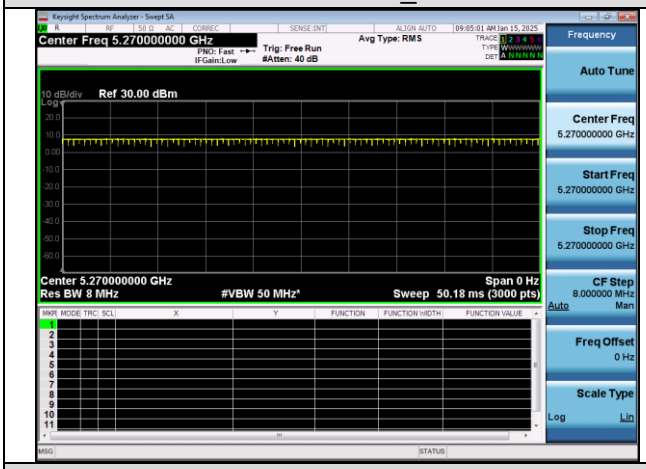
IEEE 802.11a_U-NII 2A



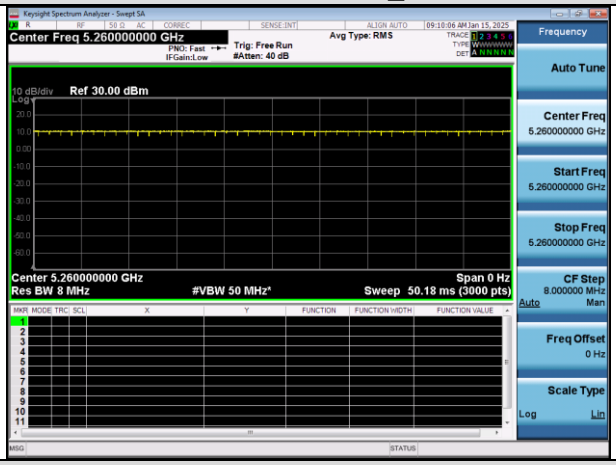
IEEE 802.11n-HT20_U-NII 2A



IEEE 802.11n-HT40_U-NII 2A



IEEE 802.11ac-VHT20_U-NII 2A



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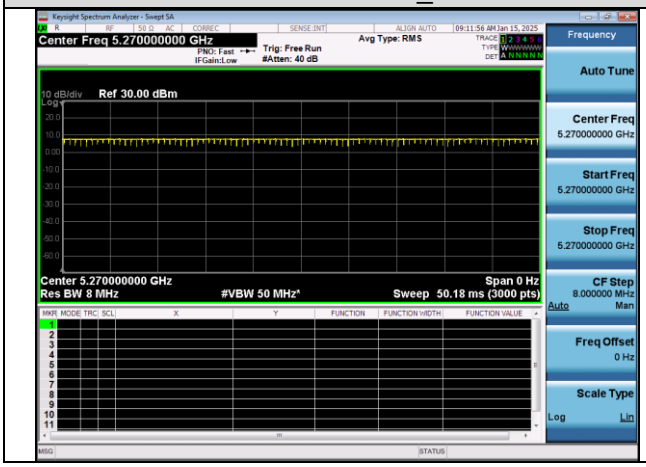
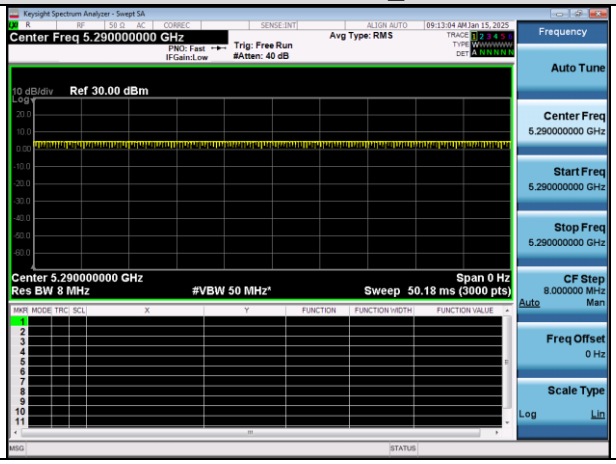


IEEE 802.11ac-VHT80_U-NII 2A



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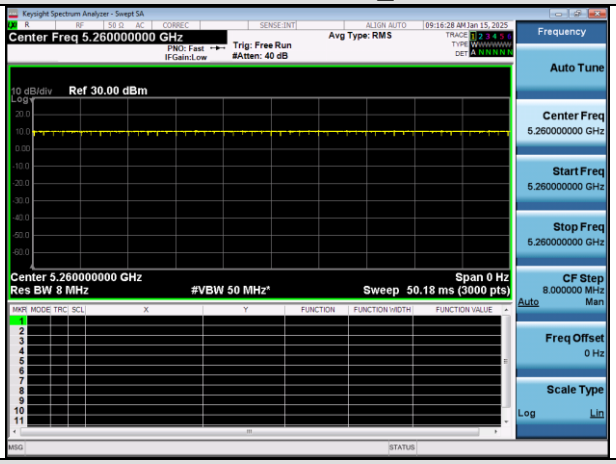
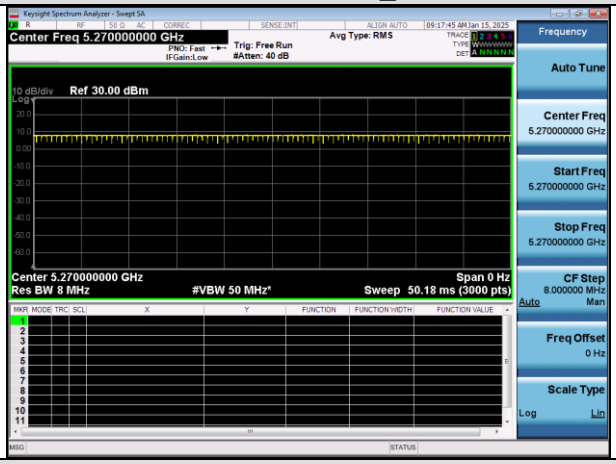
IEEE 802.11ax-HE20_U-NII 2A	IEEE 802.11ax-HE40_U-NII 2A
	
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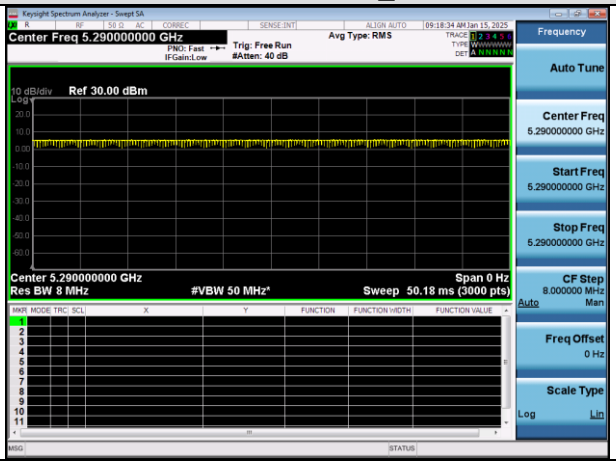	/

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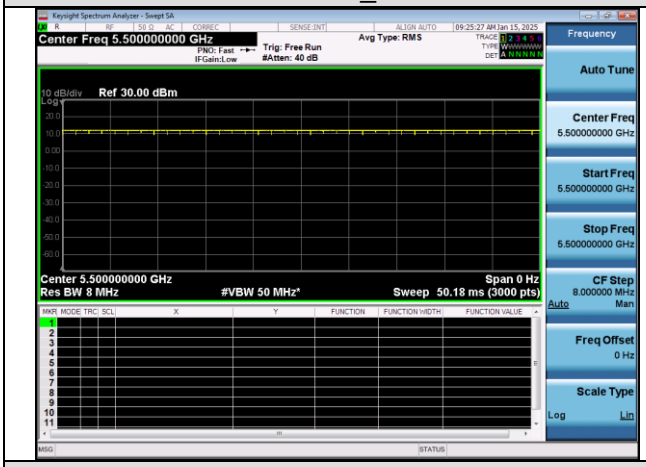
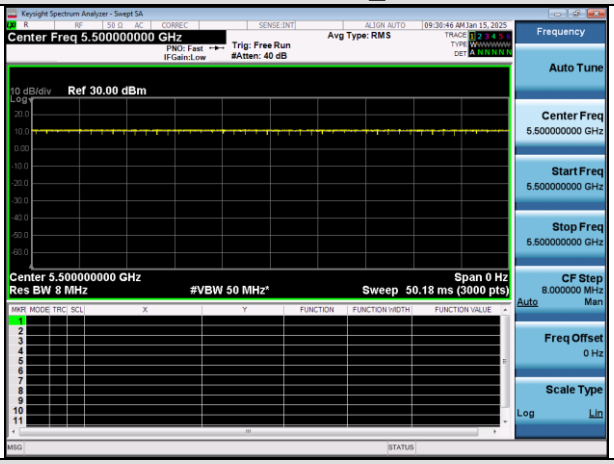
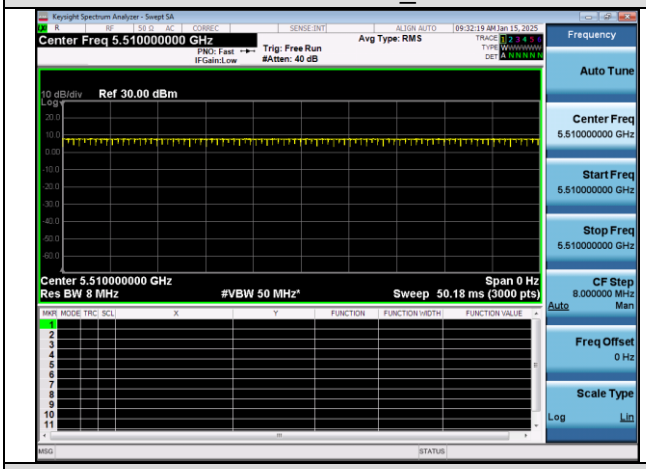
IEEE 802.11a_U-NII 2C



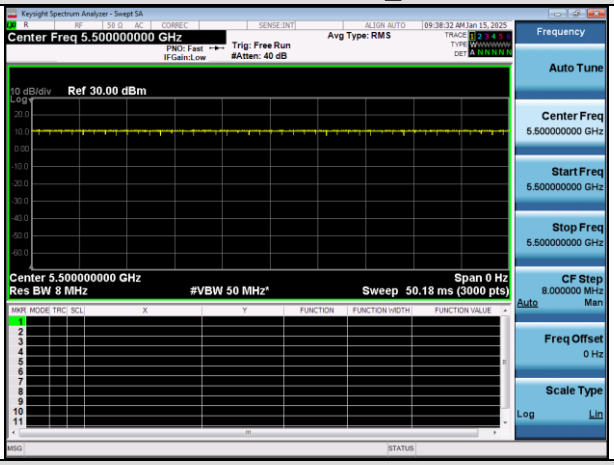
IEEE 802.11n-HT20_U-NII 2C



IEEE 802.11n-HT40_U-NII 2C



IEEE 802.11ac-VHT20_U-NII 2C



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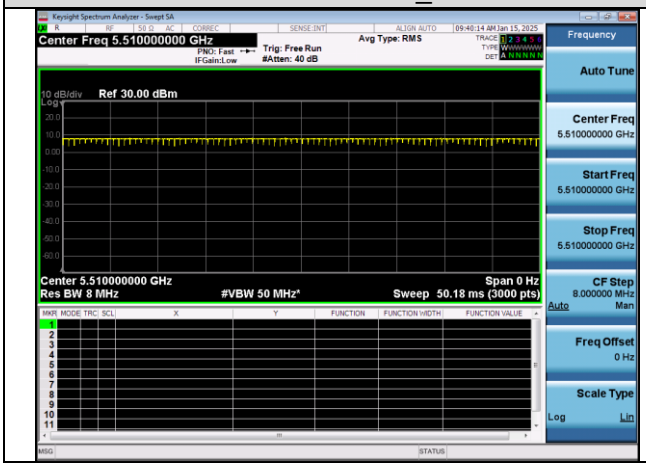
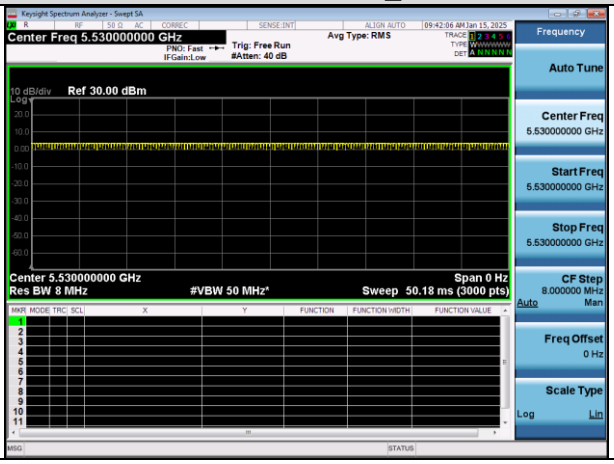


IEEE 802.11ac-VHT80_U-NII 2C



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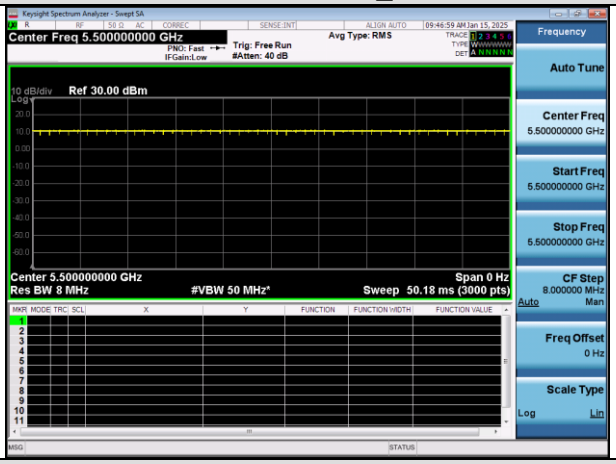
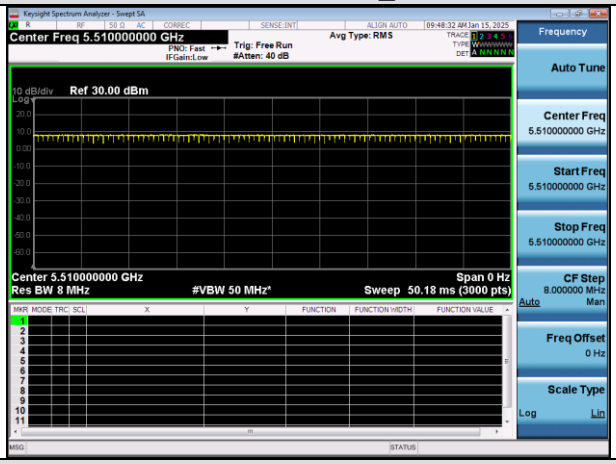
IEEE 802.11ax-HE20_U-NII 2C	IEEE 802.11ax-HE40_U-NII 2C
	
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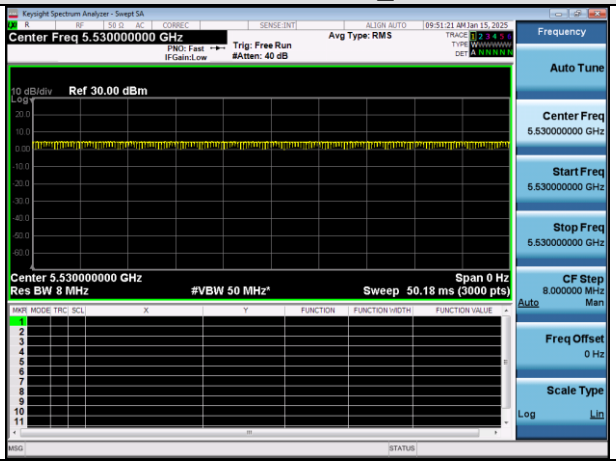	/

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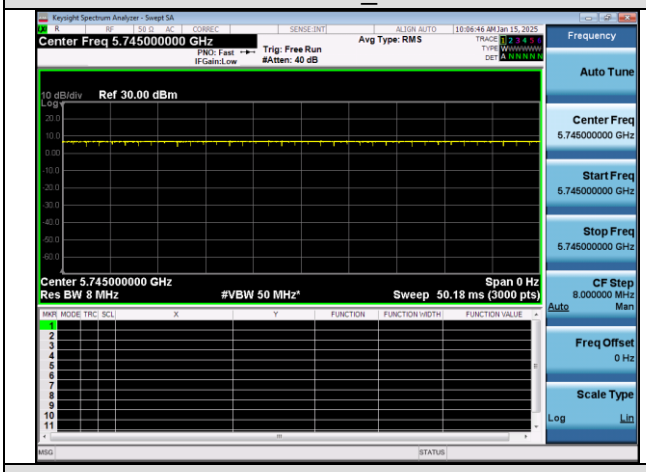
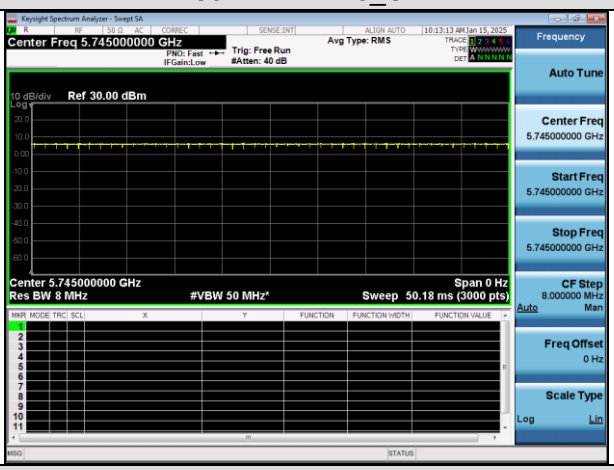
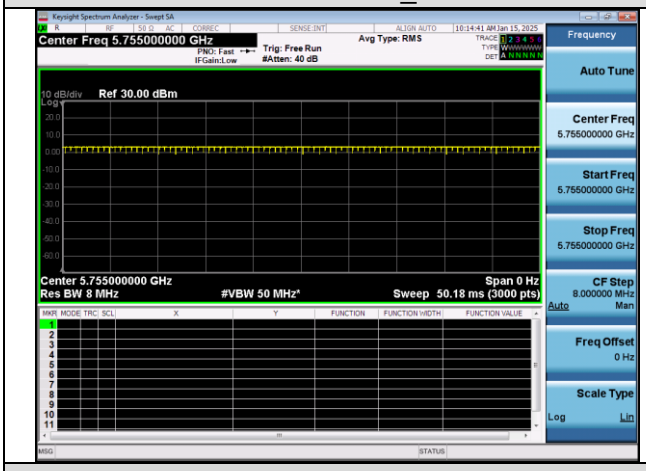
IEEE 802.11a_U-NII 2A



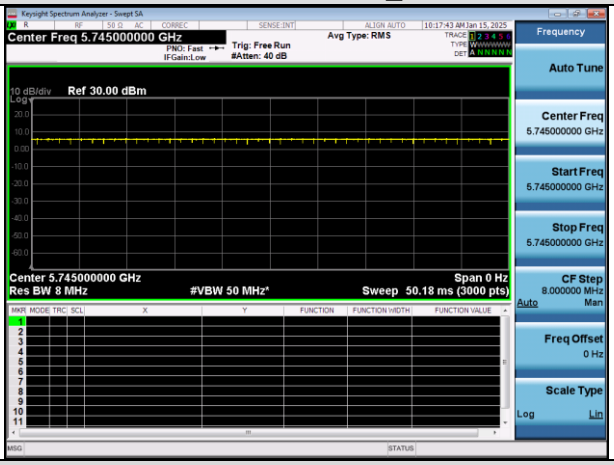
IEEE 802.11n-HT20_U-NII 2A



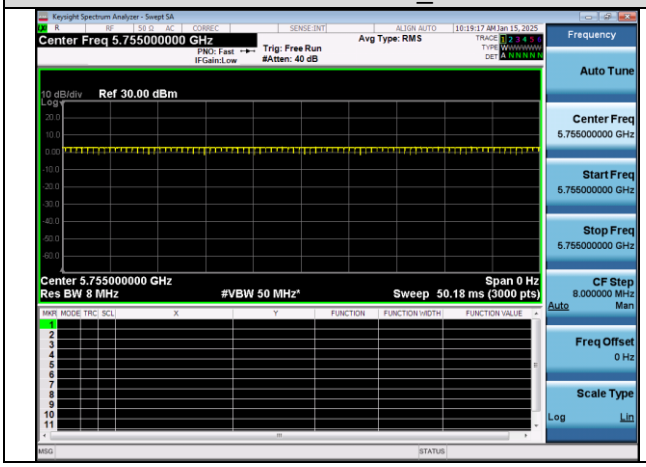
IEEE 802.11n-HT40_U-NII 2A



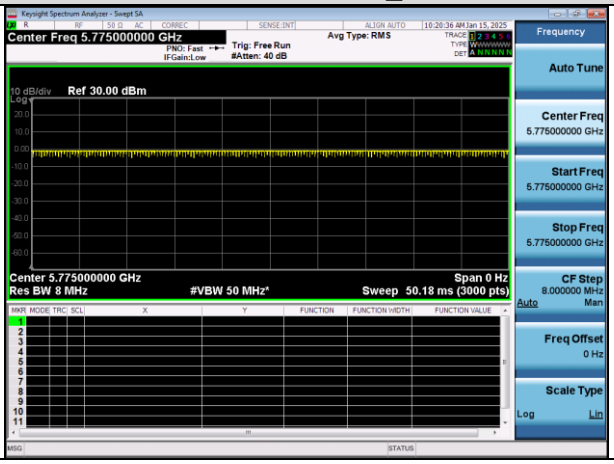
IEEE 802.11ac-VHT20_U-NII 2A



IEEE 802.11ac-VHT40_U-NII 2A



IEEE 802.11ac-VHT80_U-NII 2A



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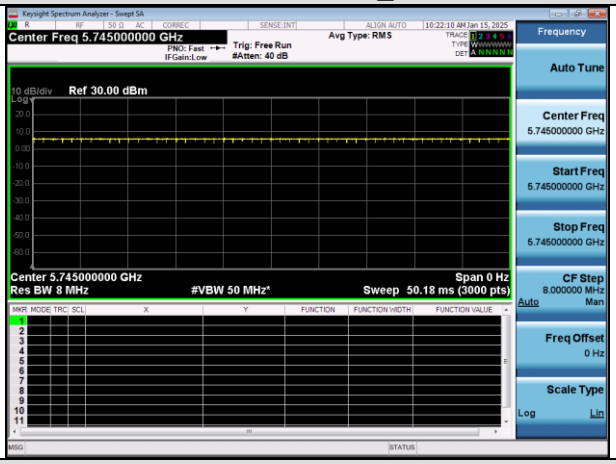
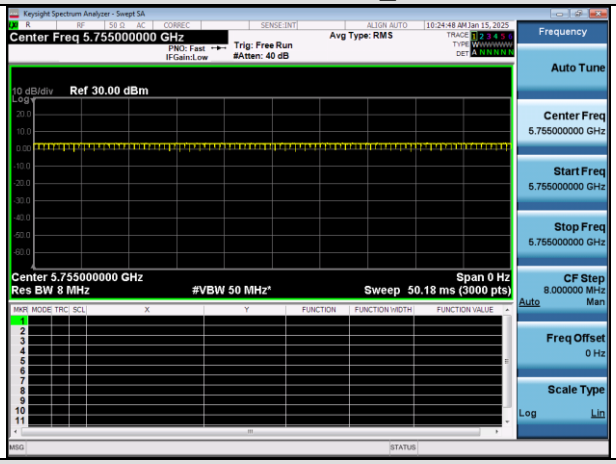
IEEE 802.11ax-HE20_U-NII 2A	IEEE 802.11ax-HE40_U-NII 2A
	
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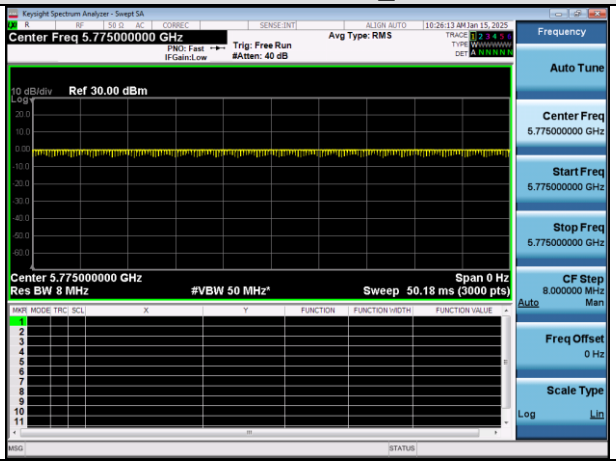	/

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7. RF Output Power Measurement

7.1 Provisions Applicable

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)

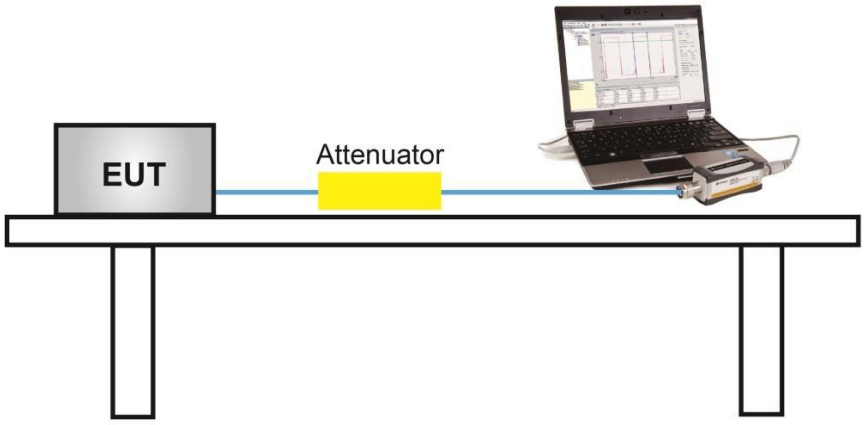
Note: Where B is the 26dB emission bandwidth in MHz.

7.2 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. The final test results have been increased by the duty cycle factor and recorded in the report.

7.3 Measurement Setup (Block Diagram of Configuration)



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7.4 Measurement Result

Test Data of Conducted Output Power for band 5.15-5.25 GHz-Chain A				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	14.19	23.98	Pass
	5200	14.11	23.98	Pass
	5240	14.26	23.98	Pass
802.11n20	5180	13.03	23.98	Pass
	5200	13.01	23.98	Pass
	5240	13.14	23.98	Pass
802.11n40	5190	13.37	23.98	Pass
	5230	13.37	23.98	Pass
802.11ac20	5180	13.17	23.98	Pass
	5200	13.01	23.98	Pass
	5240	13.31	23.98	Pass
802.11ac40	5190	13.33	23.98	Pass
	5230	13.33	23.98	Pass
802.11ac80	5210	13.14	23.98	Pass
802.11ax20	5180	13.18	23.98	Pass
	5200	12.88	23.98	Pass
	5240	13.27	23.98	Pass
802.11ax40	5190	13.44	23.98	Pass
	5230	13.39	23.98	Pass
802.11ax80	5210	13.42	23.98	Pass

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Test Data of Conducted Output Power for band 5.15-5.25 GHz-Chain B				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5180	14.30	23.98	Pass
	5200	13.78	23.98	Pass
	5240	13.68	23.98	Pass
802.11n20	5180	13.05	23.98	Pass
	5200	12.96	23.98	Pass
	5240	12.85	23.98	Pass
802.11n40	5190	13.35	23.98	Pass
	5230	13.21	23.98	Pass
802.11ac20	5180	13.06	23.98	Pass
	5200	12.97	23.98	Pass
	5240	12.82	23.98	Pass
802.11ac40	5190	13.35	23.98	Pass
	5230	13.20	23.98	Pass
802.11ac80	5210	12.92	23.98	Pass
802.11ax20	5180	12.98	23.98	Pass
	5200	12.92	23.98	Pass
	5240	12.84	23.98	Pass
802.11ax40	5190	13.37	23.98	Pass
	5230	13.15	23.98	Pass
802.11ax80	5210	13.47	23.98	Pass

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Test Data of Conducted Output Power for band 5.25-5.35 GHz-Chain A				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5260	14.67	23.98	Pass
	5300	14.82	23.98	Pass
	5320	14.79	23.98	Pass
802.11n20	5260	13.40	23.98	Pass
	5300	13.55	23.98	Pass
	5320	13.40	23.98	Pass
802.11n40	5270	13.70	23.98	Pass
	5310	13.84	23.98	Pass
802.11ac20	5260	13.42	23.98	Pass
	5300	13.68	23.98	Pass
	5320	13.51	23.98	Pass
802.11ac40	5270	13.78	23.98	Pass
	5310	13.67	23.98	Pass
802.11ac80	5290	13.76	23.98	Pass
802.11ax20	5260	13.38	23.98	Pass
	5300	13.51	23.98	Pass
	5320	13.45	23.98	Pass
802.11ax40	5270	13.74	23.98	Pass
	5310	13.86	23.98	Pass
802.11ax80	5290	14.00	23.98	Pass

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Test Data of Conducted Output Power for band 5.25-5.35 GHz-Chain B				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5260	13.66	23.98	Pass
	5300	13.94	23.98	Pass
	5320	13.57	23.98	Pass
802.11n20	5260	12.74	23.98	Pass
	5300	12.80	23.98	Pass
	5320	12.78	23.98	Pass
802.11n40	5270	13.04	23.98	Pass
	5310	13.11	23.98	Pass
802.11ac20	5260	12.87	23.98	Pass
	5300	12.93	23.98	Pass
	5320	12.87	23.98	Pass
802.11ac40	5270	13.09	23.98	Pass
	5310	13.20	23.98	Pass
802.11ac80	5290	12.92	23.98	Pass
802.11ax20	5260	12.81	23.98	Pass
	5300	12.88	23.98	Pass
	5320	12.80	23.98	Pass
802.11ax40	5270	13.16	23.98	Pass
	5310	13.23	23.98	Pass
802.11ax80	5290	13.41	23.98	Pass

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Test Data of Conducted Output Power for band 5.470-5.725 GHz-Chain A				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5500	14.22	23.98	Pass
	5580	11.84	23.98	Pass
	5700	9.56	23.98	Pass
802.11n20	5500	13.27	23.98	Pass
	5580	10.96	23.98	Pass
	5700	8.40	23.98	Pass
802.11n40	5510	12.96	23.98	Pass
	5550	12.09	23.98	Pass
	5670	8.92	23.98	Pass
802.11ac20	5500	13.17	23.98	Pass
	5580	10.97	23.98	Pass
	5700	8.63	23.98	Pass
802.11ac40	5510	12.95	23.98	Pass
	5550	12.03	23.98	Pass
	5670	8.85	23.98	Pass
802.11ac80	5530	9.87	23.98	Pass
	5610	7.34	23.98	Pass
802.11ax20	5500	13.20	23.98	Pass
	5580	11.01	23.98	Pass
	5700	8.63	23.98	Pass
802.11ax40	5510	12.97	23.98	Pass
	5550	11.94	23.98	Pass
	5670	8.85	23.98	Pass
802.11ax80	5530	10.09	23.98	Pass
	5610	7.51	23.98	Pass

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Test Data of Conducted Output Power for band 5.470-5.725 GHz-Chain B				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5500	14.45	23.98	Pass
	5580	12.18	23.98	Pass
	5700	6.95	23.98	Pass
802.11n20	5500	13.41	23.98	Pass
	5580	11.27	23.98	Pass
	5700	5.78	23.98	Pass
802.11n40	5510	13.32	23.98	Pass
	5550	12.70	23.98	Pass
	5670	7.30	23.98	Pass
802.11ac20	5500	13.39	23.98	Pass
	5580	11.11	23.98	Pass
	5700	5.68	23.98	Pass
802.11ac40	5510	13.39	23.98	Pass
	5550	12.70	23.98	Pass
	5670	7.46	23.98	Pass
802.11ac80	5530	11.90	23.98	Pass
	5610	8.90	23.98	Pass
802.11ax20	5500	13.32	23.98	Pass
	5580	11.29	23.98	Pass
	5700	5.70	23.98	Pass
802.11ax40	5510	13.42	23.98	Pass
	5550	12.75	23.98	Pass
	5670	7.45	23.98	Pass
802.11ax80	5530	12.45	23.98	Pass
	5610	9.46	23.98	Pass

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Test Data of Conducted Output Power for band 5.725-5.850 GHz-Chain A				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	9.28	30	Pass
	5785	9.55	30	Pass
	5825	10.81	30	Pass
802.11n20	5745	8.26	30	Pass
	5785	8.88	30	Pass
	5825	10.18	30	Pass
802.11n40	5755	8.72	30	Pass
	5795	9.12	30	Pass
802.11ac20	5745	8.35	30	Pass
	5785	9.00	30	Pass
	5825	10.18	30	Pass
802.11ac40	5755	8.68	30	Pass
	5795	9.18	30	Pass
802.11ac80	5775	8.73	30	Pass
802.11ax20	5745	8.26	30	Pass
	5785	8.80	30	Pass
	5825	10.13	30	Pass
802.11ax40	5755	8.76	30	Pass
	5795	9.21	30	Pass
802.11ax80	5775	8.97	30	Pass

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Test Data of Conducted Output Power for band 5.725-5.850 GHz-Chain B				
Test Mode	Test Channel (MHz)	Average Power (dBm)	Limits (dBm)	Pass or Fail
802.11a	5745	9.04	30	Pass
	5785	8.14	30	Pass
	5825	7.57	30	Pass
802.11n20	5745	8.24	30	Pass
	5785	7.05	30	Pass
	5825	6.84	30	Pass
802.11n40	5755	8.52	30	Pass
	5795	7.02	30	Pass
802.11ac20	5745	8.12	30	Pass
	5785	7.00	30	Pass
	5825	6.95	30	Pass
802.11ac40	5755	8.24	30	Pass
	5795	7.06	30	Pass
802.11ac80	5775	7.45	30	Pass
802.11ax20	5745	8.19	30	Pass
	5785	7.06	30	Pass
	5825	6.74	30	Pass
802.11ax40	5755	8.38	30	Pass
	5795	7.00	30	Pass
802.11ax80	*5775*	7.75	*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	16.05	23.98	Pass
	5200	16.00	23.98	Pass
	5240	16.01	23.98	Pass
802.11n40	5190	16.37	23.98	Pass
	5230	16.30	23.98	Pass
802.11ac20	5180	16.13	23.98	Pass
	5200	16.00	23.98	Pass
	5240	16.08	23.98	Pass
802.11ac40	5190	16.35	23.98	Pass
	5230	16.28	23.98	Pass
802.11ac80	5210	16.04	23.98	Pass
802.11ax20	5180	16.09	23.98	Pass
	5200	15.91	23.98	Pass
	5240	16.07	23.98	Pass
802.11ax40	5190	16.42	23.98	Pass
	5230	16.28	23.98	Pass
802.11ax80	5210	16.46	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	16.09	23.98	Pass
	5300	16.20	23.98	Pass
	5320	16.11	23.98	Pass
802.11n40	5270	16.39	23.98	Pass
	5310	16.50	23.98	Pass
802.11ac20	5260	16.16	23.98	Pass
	5300	16.33	23.98	Pass
	5320	16.21	23.98	Pass
802.11ac40	5270	16.46	23.98	Pass
	5310	16.45	23.98	Pass
802.11ac80	5290	16.37	23.98	Pass
802.11ax20	5260	16.11	23.98	Pass
	5300	16.22	23.98	Pass
	5320	16.15	23.98	Pass
802.11ax40	5270	16.47	23.98	Pass
	5310	16.57	23.98	Pass
802.11ax80	5290	16.73	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	16.35	23.98	Pass
	5580	14.13	23.98	Pass
	5700	10.29	23.98	Pass
802.11n40	5510	16.15	23.98	Pass
	5550	15.42	23.98	Pass
	5670	11.20	23.98	Pass
802.11ac20	5500	16.29	23.98	Pass
	5580	14.05	23.98	Pass
	5700	10.41	23.98	Pass
802.11ac40	5510	16.19	23.98	Pass
	5550	15.39	23.98	Pass
	5670	11.22	23.98	Pass
802.11ac80	5530	14.01	23.98	Pass
	5610	11.20	23.98	Pass
802.11ax20	5500	16.27	23.98	Pass
	5580	14.16	23.98	Pass
	5700	10.42	23.98	Pass
802.11ax40	5510	16.21	23.98	Pass
	5550	15.37	23.98	Pass
	5670	11.22	23.98	Pass
802.11ax80	5530	14.44	23.98	Pass
	5610	11.60	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	11.26	30	Pass
	5785	11.07	30	Pass
	5825	11.83	30	Pass
802.11n40	5755	11.63	30	Pass
	5795	11.21	30	Pass
802.11ac20	5745	11.25	30	Pass
	5785	11.12	30	Pass
	5825	11.87	30	Pass
802.11ac40	5755	11.48	30	Pass
	5795	11.26	30	Pass
802.11ac80	5775	11.15	30	Pass
802.11ax20	5745	11.24	30	Pass
	5785	11.03	30	Pass
	5825	11.77	30	Pass
802.11ax40	5755	11.58	30	Pass
	5795	11.25	30	Pass
802.11ax80	5775	11.41	30	Pass

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8. 6dB&26dB Bandwidth Measurement

8.1 Provisions Applicable

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

8.2 Measurement Procedure

◆ **-6dB bandwidth (DTS bandwidth) Test setting:**

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 ⩾3*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 test setting:**

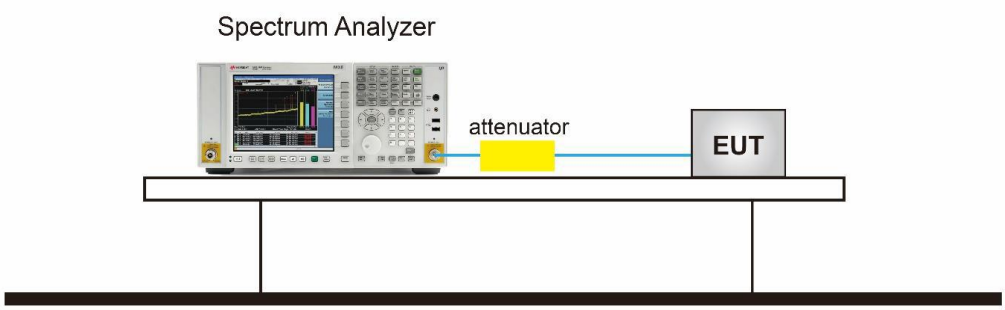
1. Connect EUT RF output port to the Spectrum Analyzer through an RF attenuator
2. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
3. Set Span = approximately 1.5 to 5 times the OBW, centered on a nominal channel
   The nominal IF filter bandwidth (3 dB RBW) shall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

8.3 Measurement Setup (Block Diagram of Configuration)



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8.4 Measurement Results

Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz-Chain A					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5180	16.256	17.861	N/A	Pass
	5200	16.223	18.130	N/A	Pass
	5240	16.248	17.861	N/A	Pass
802.11n20	5180	17.412	18.918	N/A	Pass
	5200	17.334	18.774	N/A	Pass
	5240	17.377	18.952	N/A	Pass
802.11n40	5190	35.704	38.481	N/A	Pass
	5230	35.711	38.340	N/A	Pass
802.11ac20	5180	17.429	18.842	N/A	Pass
	5200	17.366	18.907	N/A	Pass
	5240	17.326	18.976	N/A	Pass
802.11ac40	5190	35.700	38.264	N/A	Pass
	5230	35.768	38.221	N/A	Pass
802.11ac80	5210	74.890	80.936	N/A	Pass
802.11ax20	5180	18.693	20.070	N/A	Pass
	5200	18.702	20.181	N/A	Pass
	5240	18.694	20.058	N/A	Pass
802.11ax40	5190	37.242	39.459	N/A	Pass
	5230	37.248	39.428	N/A	Pass
802.11ax80	5210	76.170	79.834	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz-Chain B					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5180	16.246	17.812	N/A	Pass
	5200	16.182	18.109	N/A	Pass
	5240	16.179	18.056	N/A	Pass
802.11n20	5180	17.351	18.852	N/A	Pass
	5200	17.314	19.006	N/A	Pass
	5240	17.303	18.939	N/A	Pass
802.11n40	5190	35.729	38.552	N/A	Pass
	5230	35.720	38.382	N/A	Pass
802.11ac20	5180	17.309	18.907	N/A	Pass
	5200	17.315	19.058	N/A	Pass
	5240	17.395	18.893	N/A	Pass
802.11ac40	5190	35.752	37.842	N/A	Pass
	5230	35.713	38.322	N/A	Pass
802.11ac80	5210	74.985	82.008	N/A	Pass
802.11ax20	5180	18.708	20.121	N/A	Pass
	5200	18.763	19.874	N/A	Pass
	5240	18.733	19.925	N/A	Pass
802.11ax40	5190	37.247	39.430	N/A	Pass
	5230	37.285	39.424	N/A	Pass
802.11ax80	5210	76.518	80.057	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.25-5.35 GHz-Chain A					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5260	16.189	17.981	N/A	Pass
	5300	16.223	18.051	N/A	Pass
	5320	16.241	18.012	N/A	Pass
802.11n20	5260	17.363	19.027	N/A	Pass
	5300	17.367	18.810	N/A	Pass
	5320	17.382	18.793	N/A	Pass
802.11n40	5270	35.750	38.290	N/A	Pass
	5310	35.675	38.263	N/A	Pass
802.11ac20	5260	17.356	18.932	N/A	Pass
	5300	17.371	18.947	N/A	Pass
	5320	17.377	19.051	N/A	Pass
802.11ac40	5270	35.818	38.450	N/A	Pass
	5310	35.691	38.015	N/A	Pass
802.11ac80	5290	74.927	82.277	N/A	Pass
802.11ax20	5260	18.711	19.764	N/A	Pass
	5300	18.742	19.940	N/A	Pass
	5320	18.688	19.857	N/A	Pass
802.11ax40	5270	37.361	39.324	N/A	Pass
	5310	37.275	39.251	N/A	Pass
802.11ax80	5290	76.168	79.634	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.25-5.35 GHz-Chain B					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5260	16.195	17.978	N/A	Pass
	5300	16.180	18.106	N/A	Pass
	5320	16.191	18.139	N/A	Pass
802.11n20	5260	17.318	18.984	N/A	Pass
	5300	17.309	19.016	N/A	Pass
	5320	17.295	19.020	N/A	Pass
802.11n40	5270	35.727	38.334	N/A	Pass
	5310	35.713	38.517	N/A	Pass
802.11ac20	5260	17.353	18.972	N/A	Pass
	5300	17.360	18.934	N/A	Pass
	5320	17.326	19.021	N/A	Pass
802.11ac40	5270	35.748	38.314	N/A	Pass
	5310	35.695	38.220	N/A	Pass
802.11ac80	5290	75.023	81.762	N/A	Pass
802.11ax20	5260	18.756	19.815	N/A	Pass
	5300	18.633	20.013	N/A	Pass
	5320	18.680	19.971	N/A	Pass
802.11ax40	5270	37.365	39.296	N/A	Pass
	5310	37.330	39.376	N/A	Pass
802.11ax80	5290	76.281	80.018	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.47-5.725 GHz-Chain A					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5500	16.251	17.908	N/A	Pass
	5580	16.279	20.300	N/A	Pass
	5700	16.473	25.518	N/A	Pass
802.11n20	5500	17.367	19.052	N/A	Pass
	5580	17.350	18.974	N/A	Pass
	5700	17.477	23.813	N/A	Pass
802.11n40	5510	35.754	38.480	N/A	Pass
	5550	35.694	38.265	N/A	Pass
	5670	35.821	53.058	N/A	Pass
802.11ac20	5500	17.389	18.787	N/A	Pass
	5580	17.399	18.900	N/A	Pass
	5700	17.505	25.892	N/A	Pass
802.11ac40	5510	35.790	38.280	N/A	Pass
	5550	35.791	38.203	N/A	Pass
	5670	35.964	38.063	N/A	Pass
802.11ac80	5530	75.227	80.716	N/A	Pass
	5610	74.950	81.685	N/A	Pass
802.11ax20	5500	18.708	20.073	N/A	Pass
	5580	18.719	20.062	N/A	Pass
	5700	18.785	23.844	N/A	Pass
802.11ax40	5510	37.300	39.360	N/A	Pass
	5550	37.314	39.375	N/A	Pass
	5670	37.444	39.761	N/A	Pass
802.11ac80	5530	76.177	80.108	N/A	Pass
	5610	76.239	80.085	N/A	Pass

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Test Data of Occupied Bandwidth and -26dB Bandwidth for band 5.47-5.725 GHz-Chain B					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	-26dB Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5500	16.239	17.753	N/A	Pass
	5580	16.233	18.101	N/A	Pass
	5700	16.258	17.982	N/A	Pass
802.11n20	5500	17.417	18.906	N/A	Pass
	5580	17.363	18.917	N/A	Pass
	5700	17.384	18.647	N/A	Pass
802.11n40	5510	35.730	38.049	N/A	Pass
	5550	35.708	38.214	N/A	Pass
	5670	35.766	38.308	N/A	Pass
802.11ac20	5500	17.401	18.749	N/A	Pass
	5580	17.399	19.172	N/A	Pass
	5700	17.367	18.698	N/A	Pass
802.11ac40	5510	35.785	38.322	N/A	Pass
	5550	35.749	38.161	N/A	Pass
	5670	35.808	38.197	N/A	Pass
802.11ac80	5530	74.892	82.409	N/A	Pass
	5610	74.762	81.833	N/A	Pass
802.11ax20	5500	18.742	19.825	N/A	Pass
	5580	18.768	19.865	N/A	Pass
	5700	18.749	19.845	N/A	Pass
802.11ax40	5510	37.243	39.471	N/A	Pass
	5550	37.376	39.403	N/A	Pass
	5670	37.310	39.276	N/A	Pass
802.11ax80	5530	76.342	80.105	N/A	Pass
	5610	76.207	79.748	N/A	Pass

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Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz-Chain A					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.502	12.603	0.5	Pass
	5785	16.524	15.030	0.5	Pass
	5825	16.470	11.118	0.5	Pass
802.11n20	5745	17.527	16.768	0.5	Pass
	5785	17.541	15.590	0.5	Pass
	5825	17.543	16.031	0.5	Pass
802.11n40	5755	35.980	26.448	0.5	Pass
	5795	35.980	33.904	0.5	Pass
802.11ac20	5745	17.492	16.285	0.5	Pass
	5785	17.530	15.573	0.5	Pass
	5825	17.594	12.952	0.5	Pass
802.11ac40	5755	36.072	28.126	0.5	Pass
	5795	36.110	35.082	0.5	Pass
802.11ac80	5775	75.141	68.905	0.5	Pass
802.11ax20	5180	18.769	15.636	0.5	Pass
	5200	18.804	13.702	0.5	Pass
	5240	18.795	12.795	0.5	Pass
802.11ax40	5190	37.548	35.066	0.5	Pass
	5230	37.591	33.854	0.5	Pass
802.11ax80	5210	76.659	68.917	0.5	Pass

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Test Data of Occupied Bandwidth and DTS Bandwidth for band 5.725-5.85 GHz-Chain B					
Test Mode	Test Channel (MHz)	99% Occupied Bandwidth (MHz)	DTS Bandwidth (MHz)	Limits (MHz)	Pass or Fail
802.11a	5745	16.557	16.308	0.5	Pass
	5785	16.799	14.145	0.5	Pass
	5825	16.752	13.195	0.5	Pass
802.11n20	5745	17.569	15.181	0.5	Pass
	5785	17.531	13.530	0.5	Pass
	5825	17.620	12.675	0.5	Pass
802.11n40	5755	36.045	33.808	0.5	Pass
	5795	36.026	32.607	0.5	Pass
802.11ac20	5745	17.535	12.399	0.5	Pass
	5785	17.542	16.879	0.5	Pass
	5825	17.629	13.842	0.5	Pass
802.11ac40	5755	36.123	32.572	0.5	Pass
	5795	36.055	35.128	0.5	Pass
802.11ac80	5775	75.258	73.776	0.5	Pass
802.11ax20	5180	18.824	12.177	0.5	Pass
	5200	18.798	15.456	0.5	Pass
	5240	18.910	15.650	0.5	Pass
802.11ax40	5190	37.583	35.089	0.5	Pass
	5230	37.534	31.378	0.5	Pass
802.11ax80	5210	76.714	67.619	0.5	Pass

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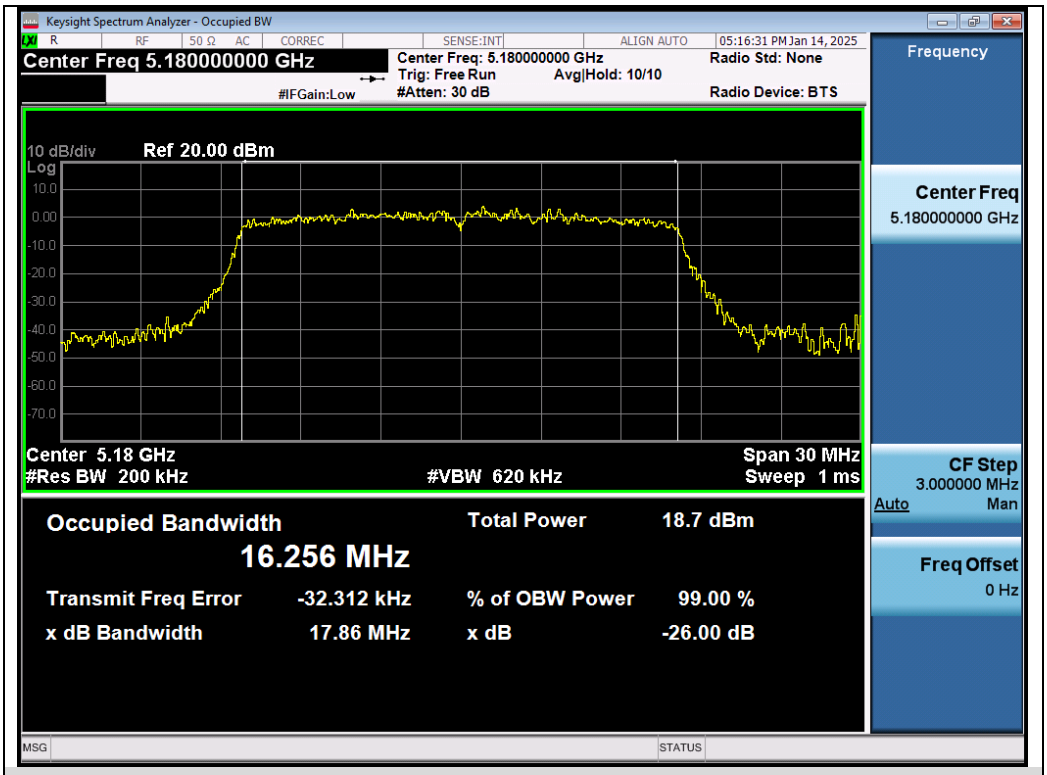
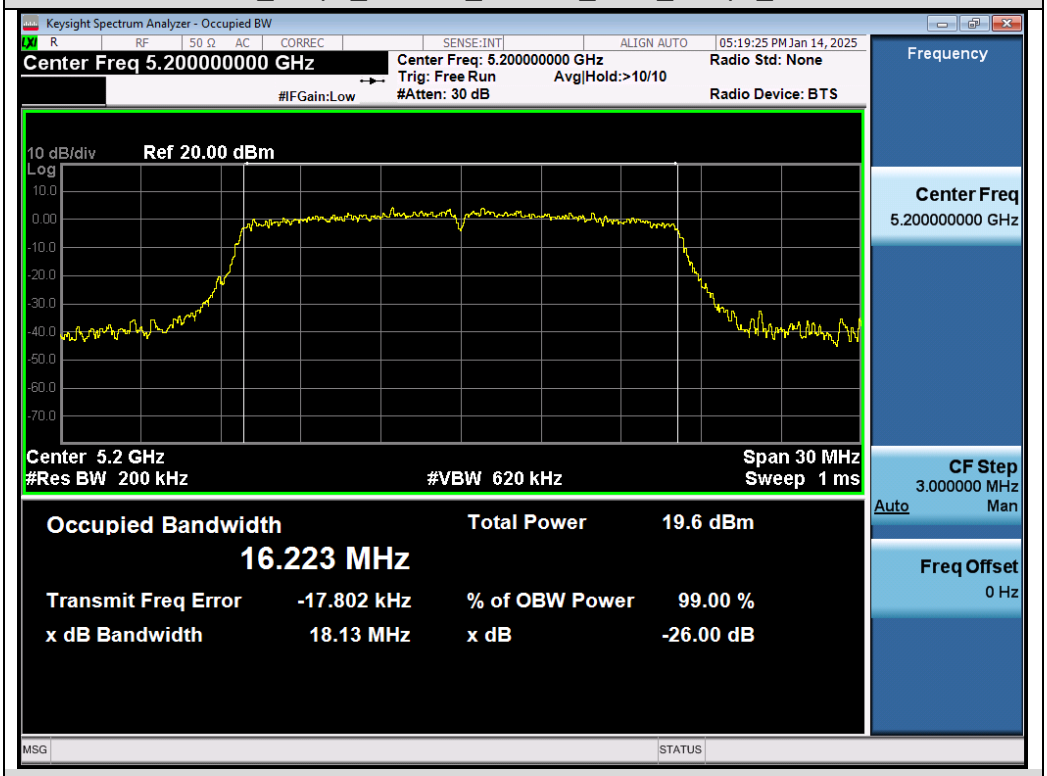
Test Graphs of Occupied Bandwidth and -26dB Bandwidth for band 5.15-5.25 GHz



Test_Graph_802.11a_Chain A_5180_6Mbps_OBW



Test_Graph_802.11a_Chain A_5200_6Mbps_OBW

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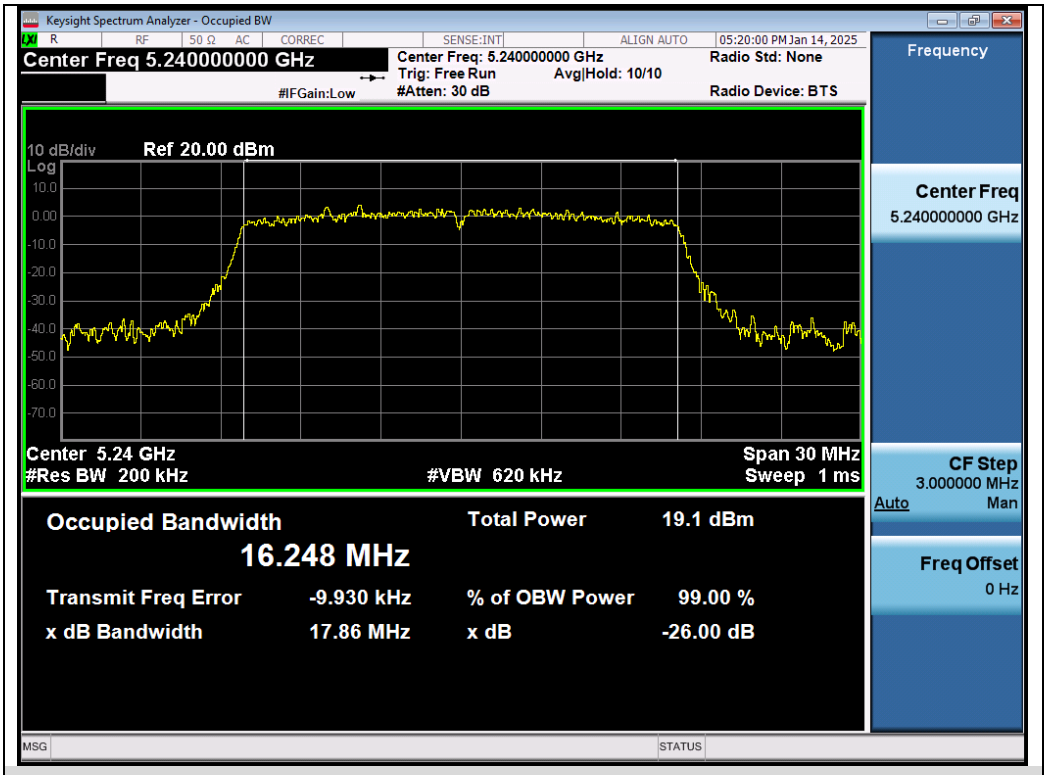
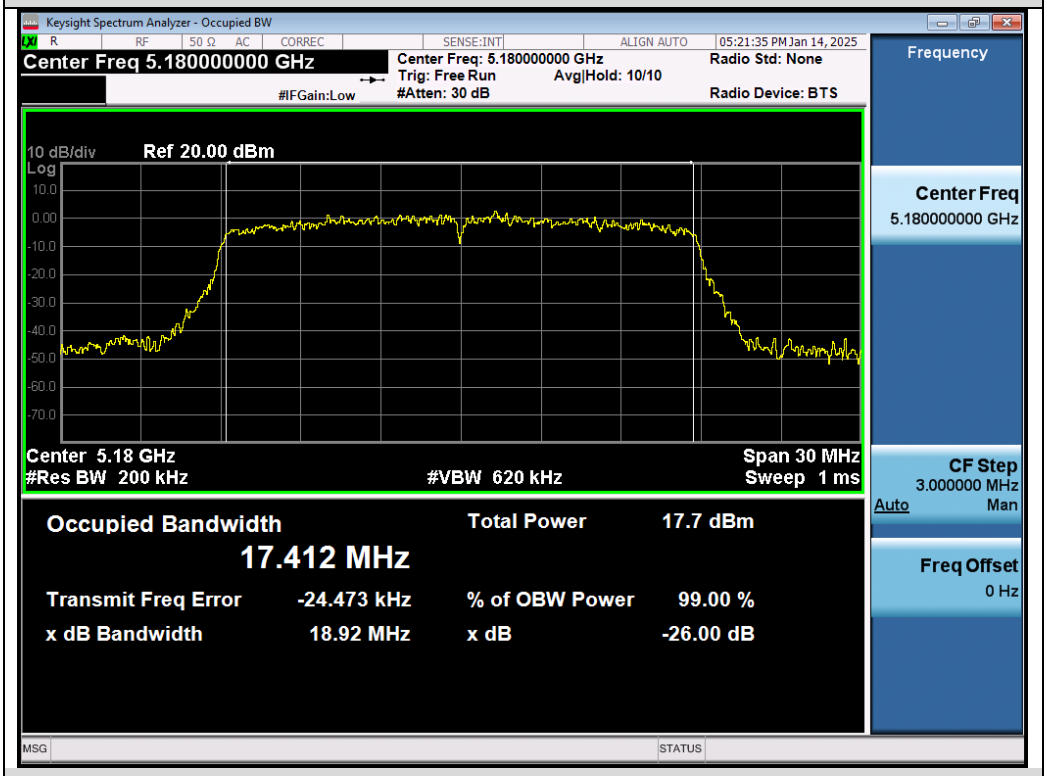


Test_Graph_802.11a_Chain A_5240_6Mbps_OBW



Test_Graph_802.11n20_Chain A_5180_MCS0_OBW

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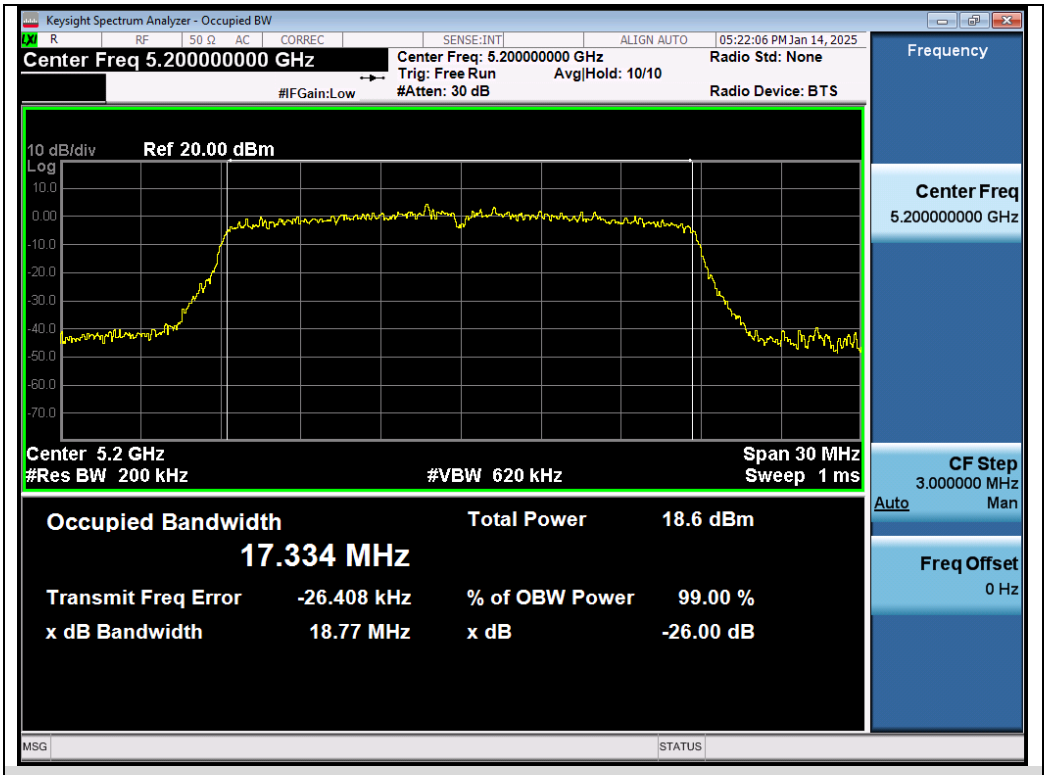
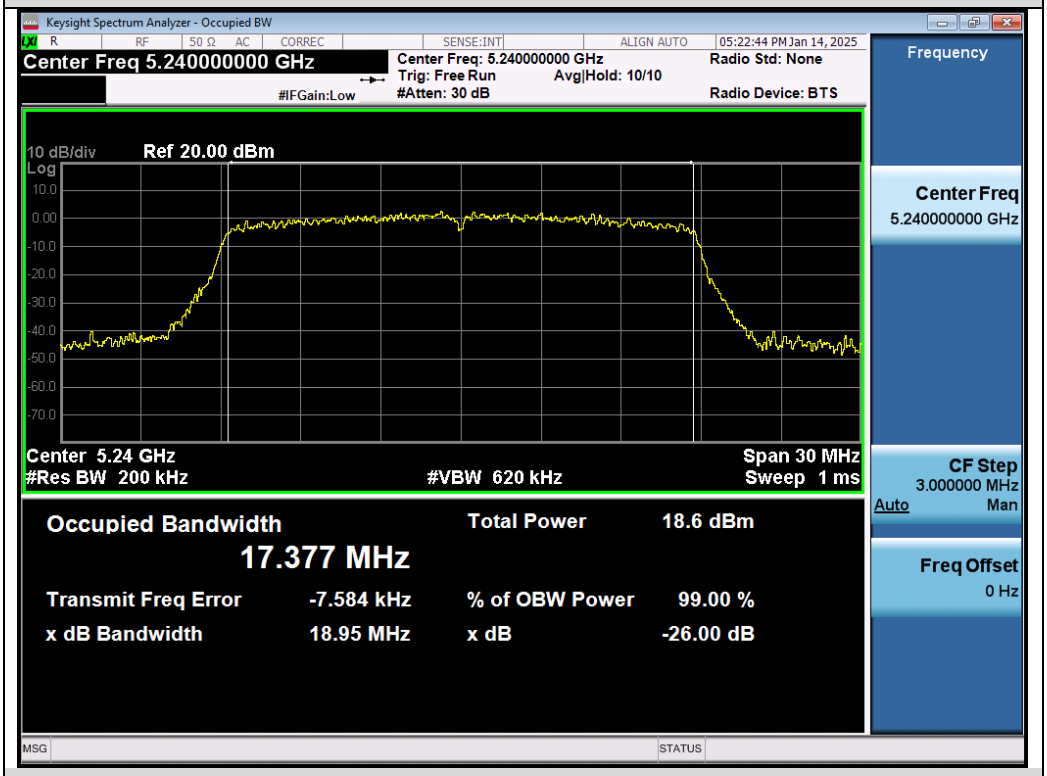


Test_Graph_802.11n20_Chain A_5200_MCS0_OBW



Test_Graph_802.11n20_Chain A_5240_MCS0_OBW

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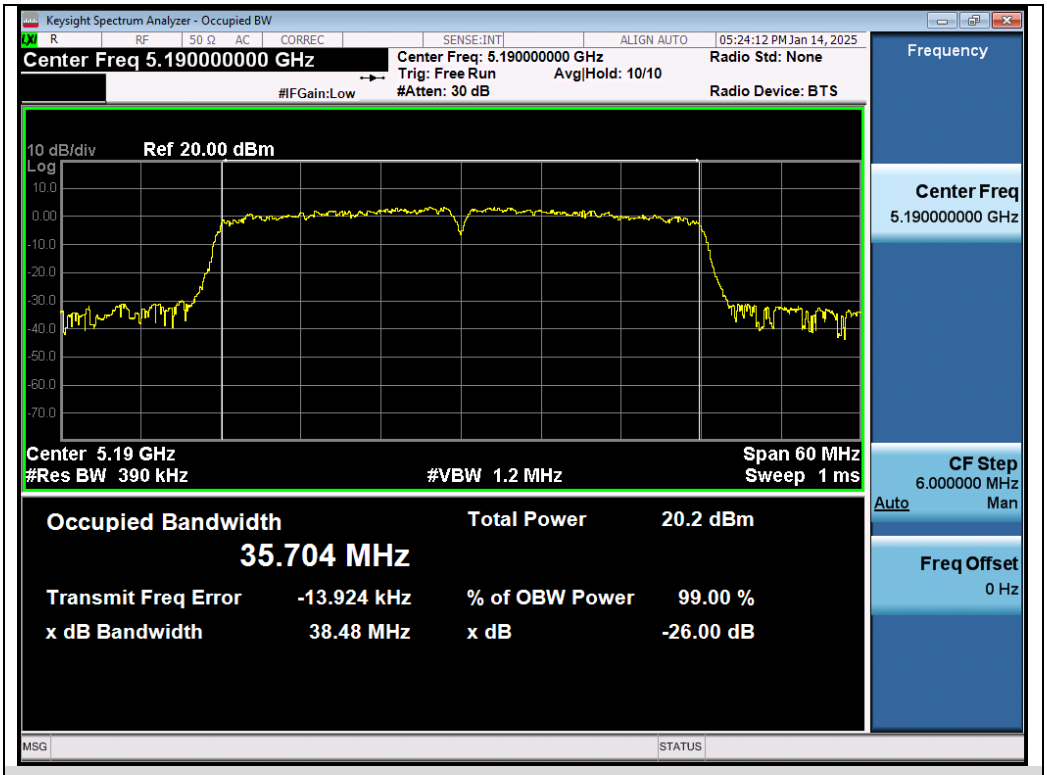
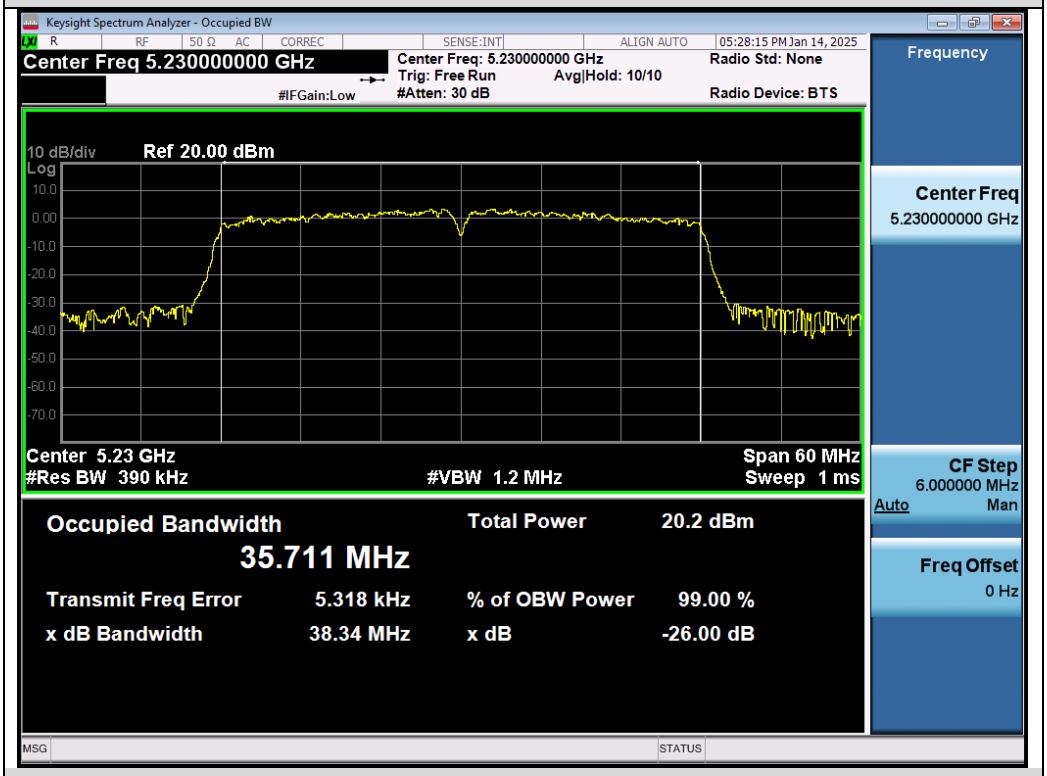


Test_Graph_802.11n40_Chain A_5190_MCS0_OBW



Test_Graph_802.11n40_Chain A_5230_MCS0_OBW

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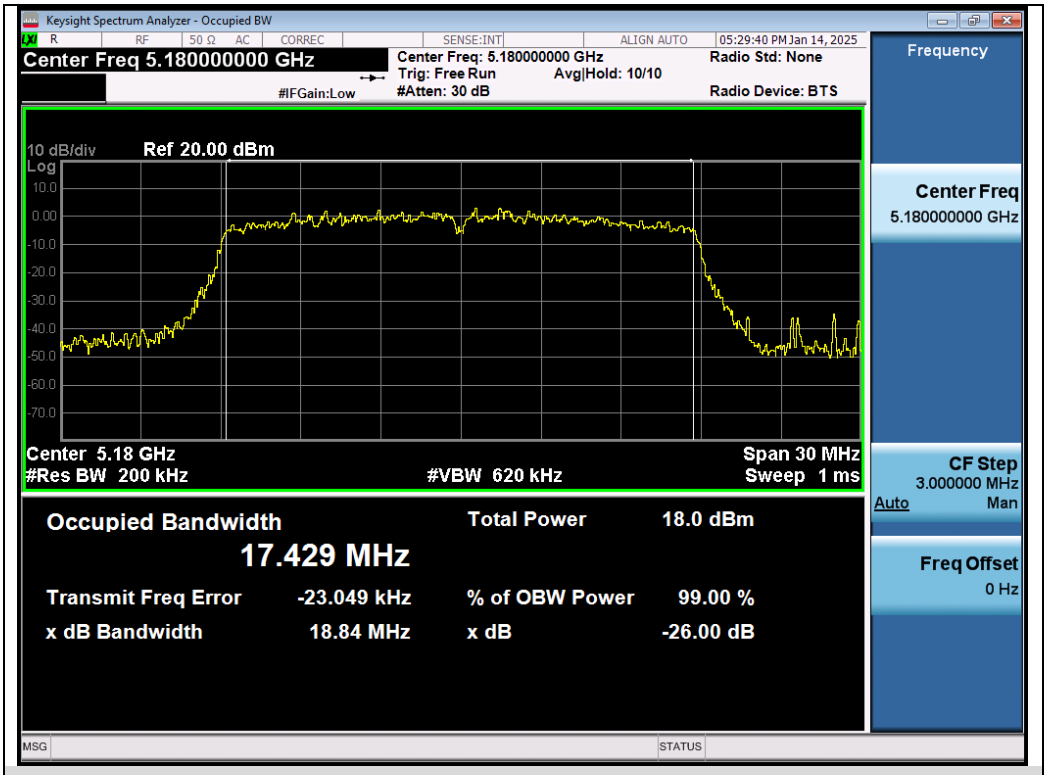
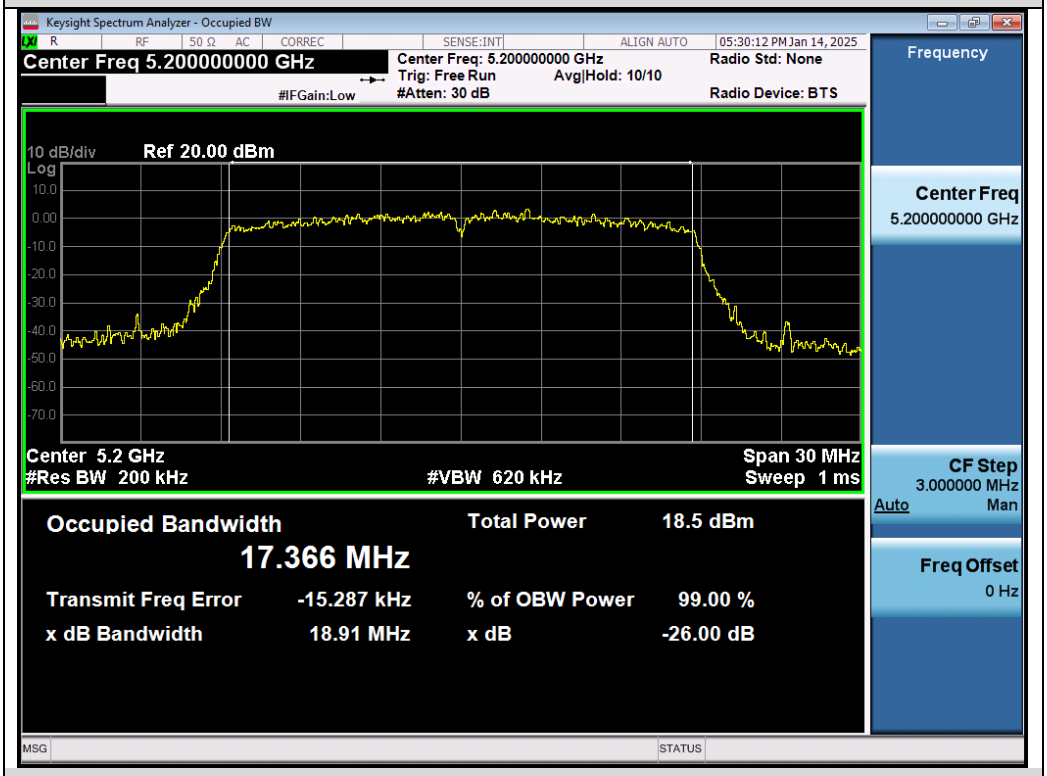


Test_Graph_802.11ac20_Chain A_5180_MCS0_OBW



Test_Graph_802.11ac20_Chain A_5200_MCS0_OBW

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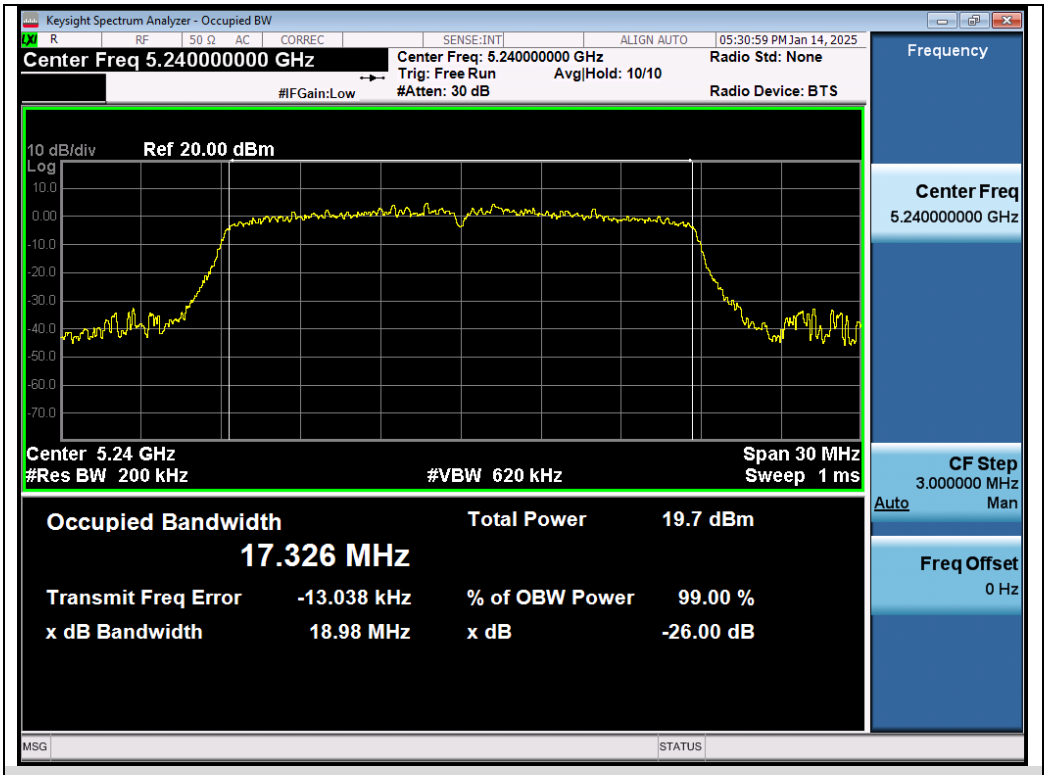
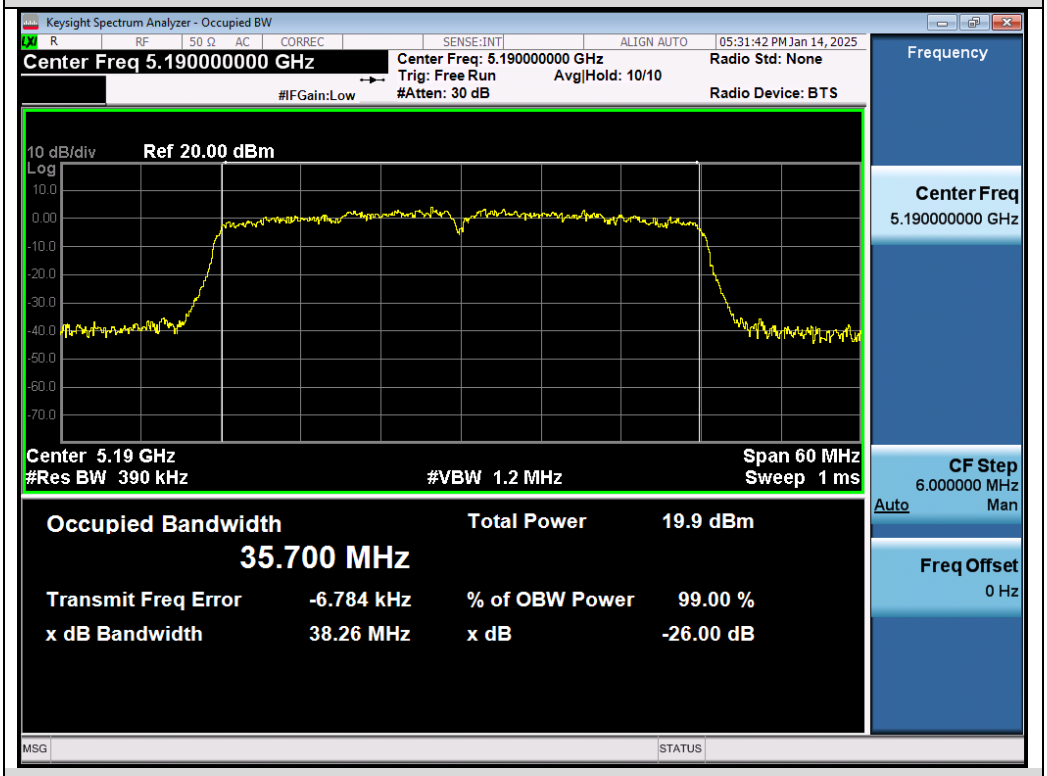


Test_Graph_802.11ac20_Chain A_5240_MCS0_OBW



Test_Graph_802.11ac40_Chain A_5190_MCS0_OBW

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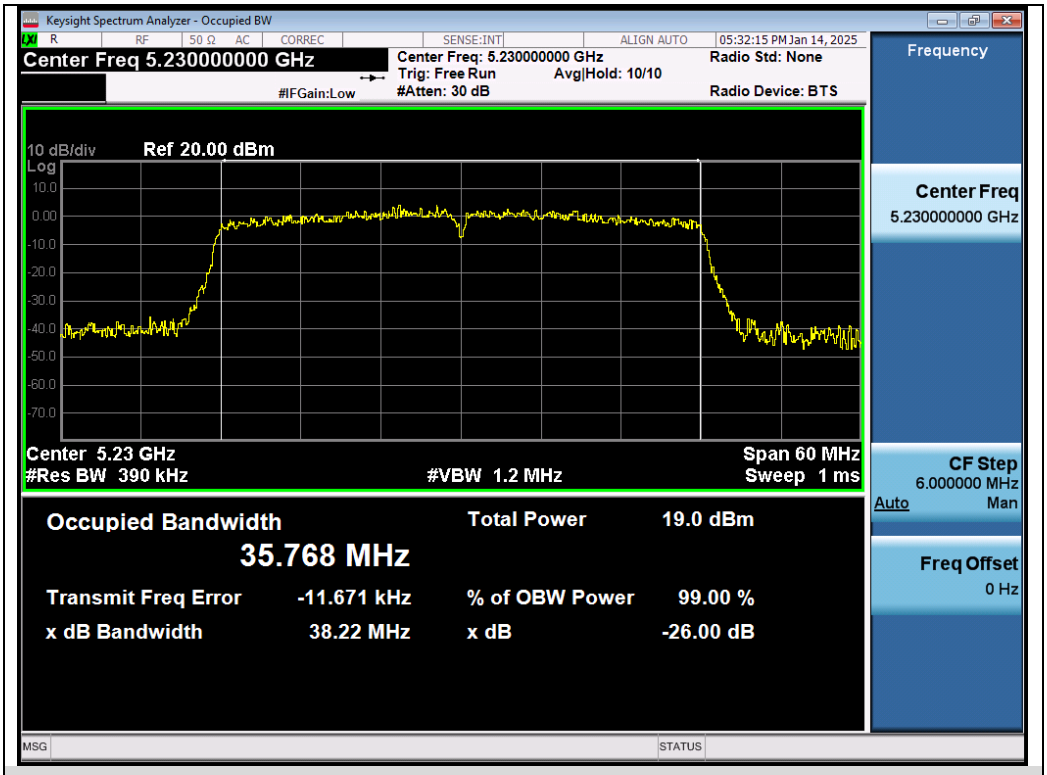
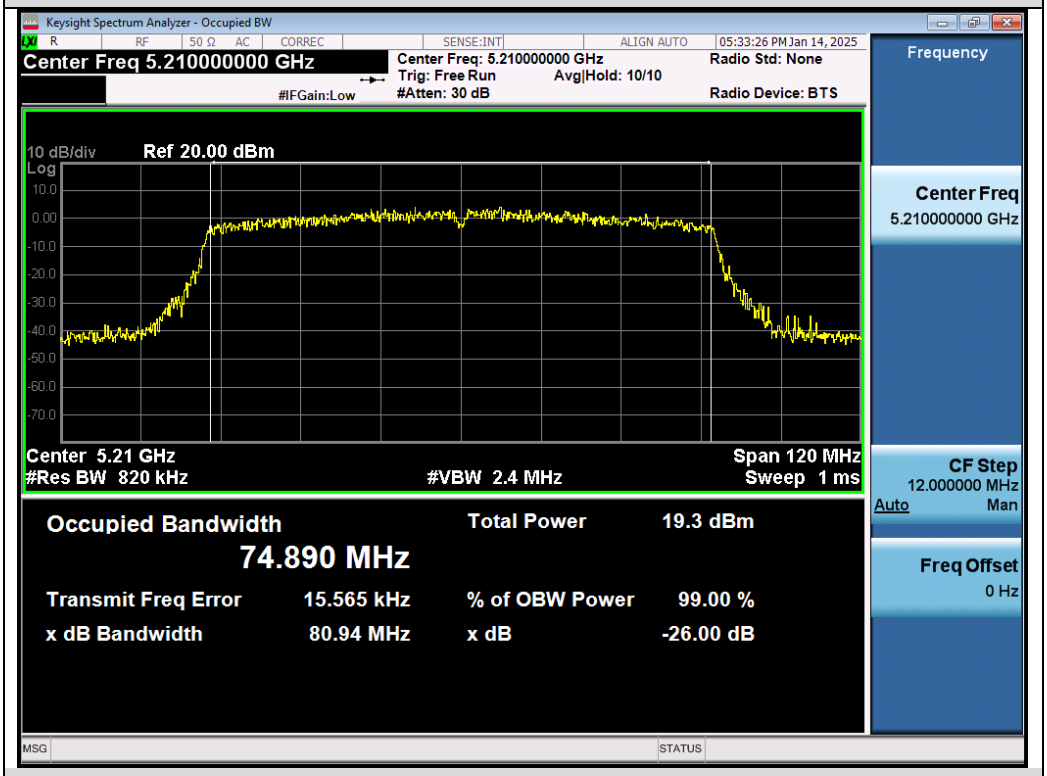


Test_Graph_802.11ac40_Chain A_5230_MCS0_OBW



Test_Graph_802.11ac80_Chain A_5210_MCS0_OBW

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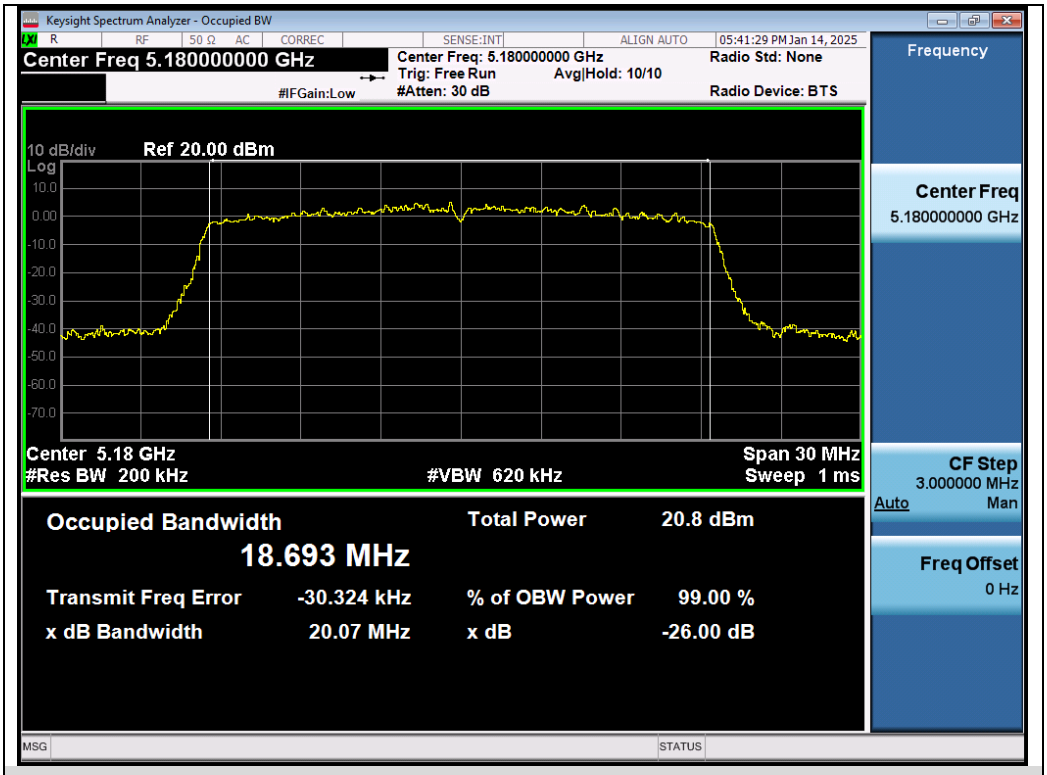
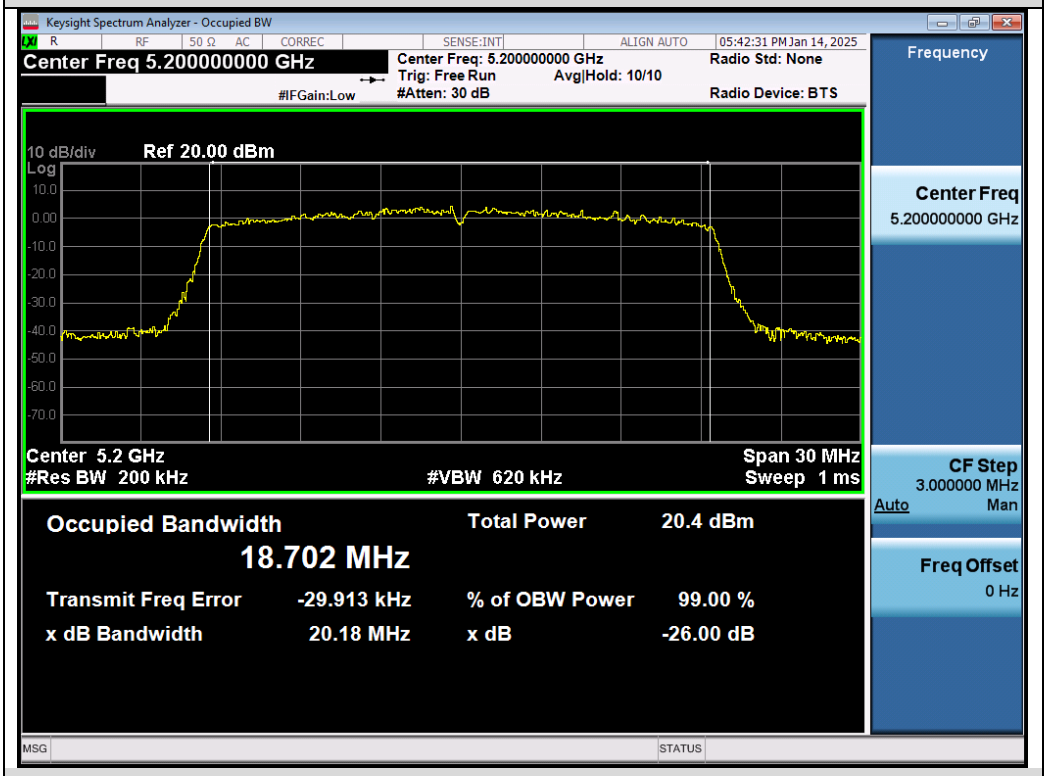


Test_Graph_802.11ax20_Chain A_5180_MCS0_OBW



Test_Graph_802.11ax20_Chain A_5200_MCS0_OBW

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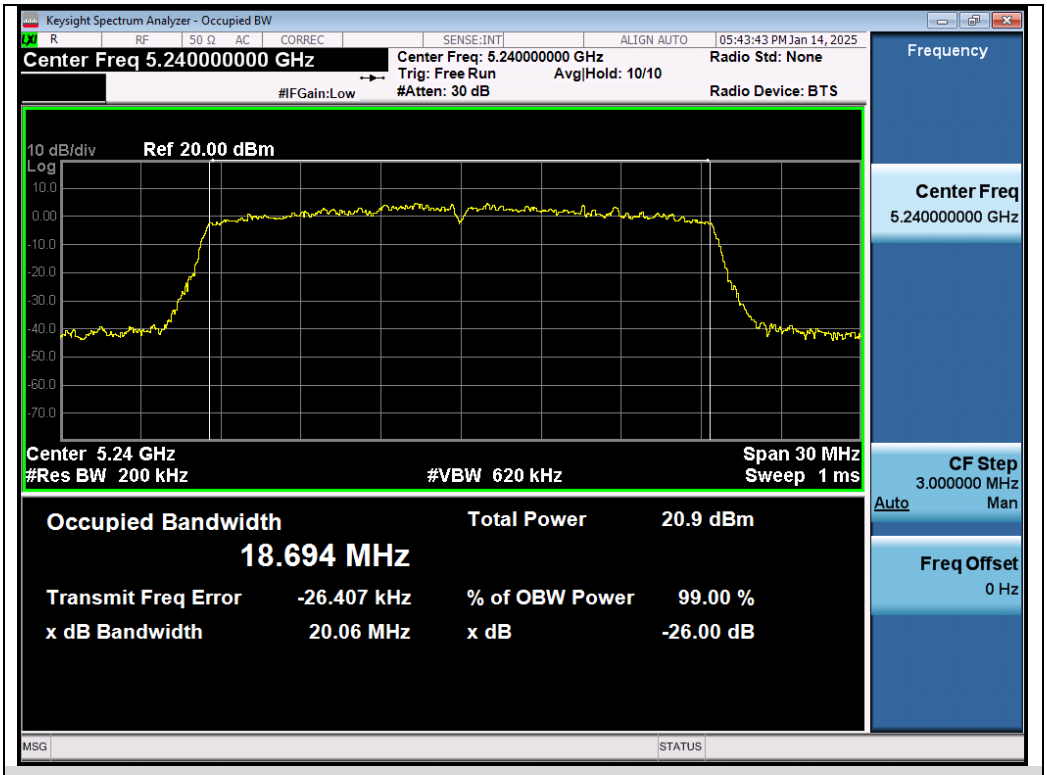
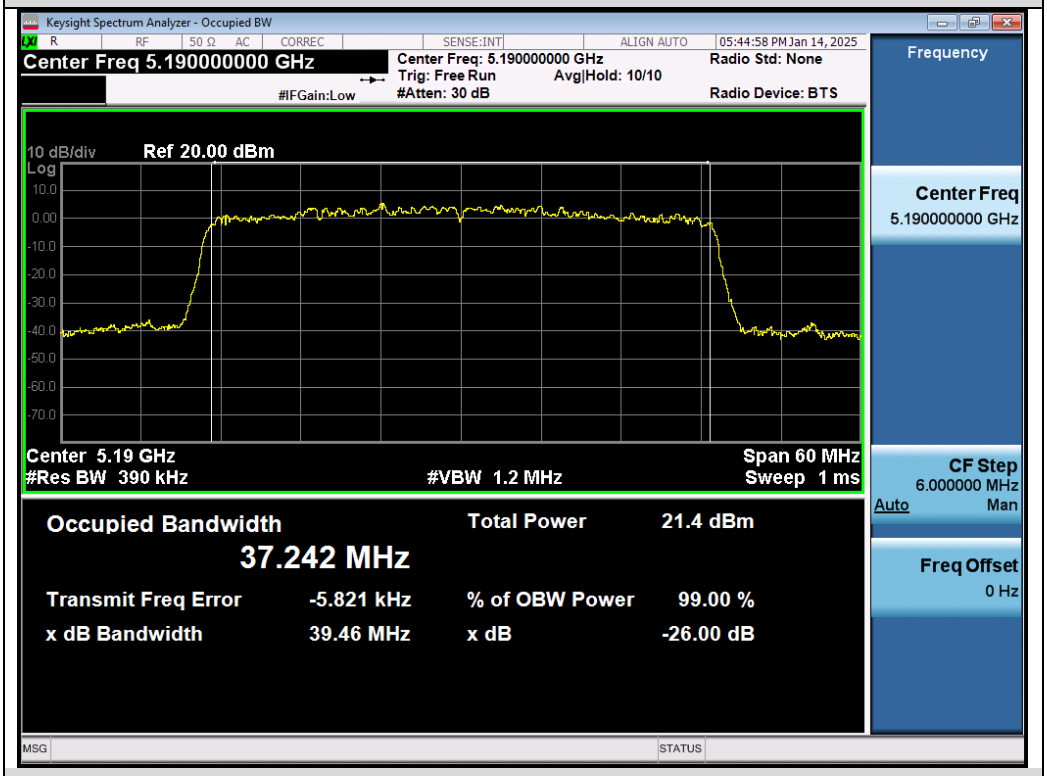


Test_Graph_802.11ax20_Chain A_5240_MCS0_OBW



Test_Graph_802.11ax40_Chain A_5190_MCS0_OBW

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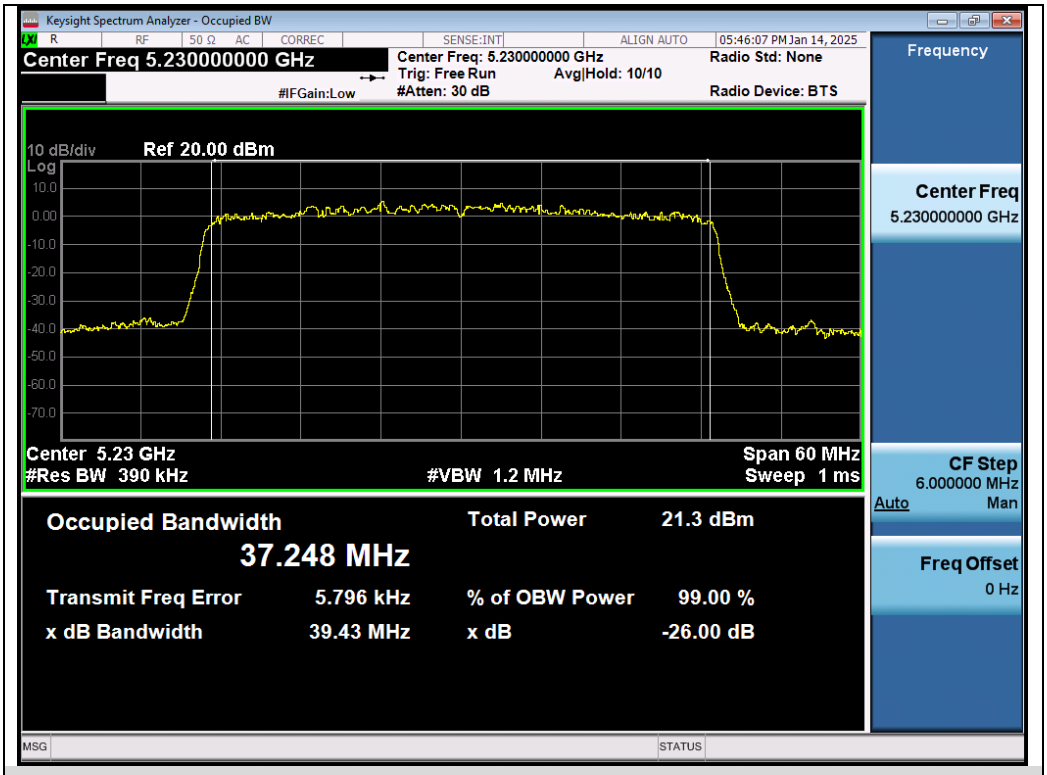
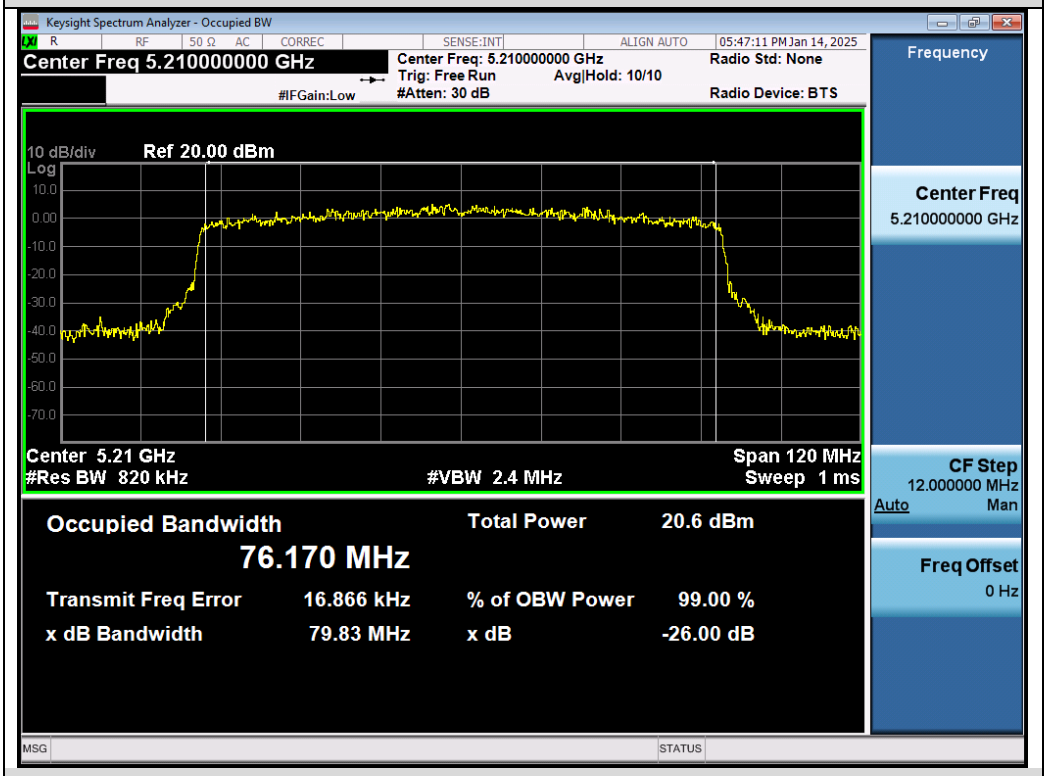


Test_Graph_802.11ax40_Chain A_5230_MCS0_OBW



Test_Graph_802.11ax80_Chain A_5210_MCS0_OBW

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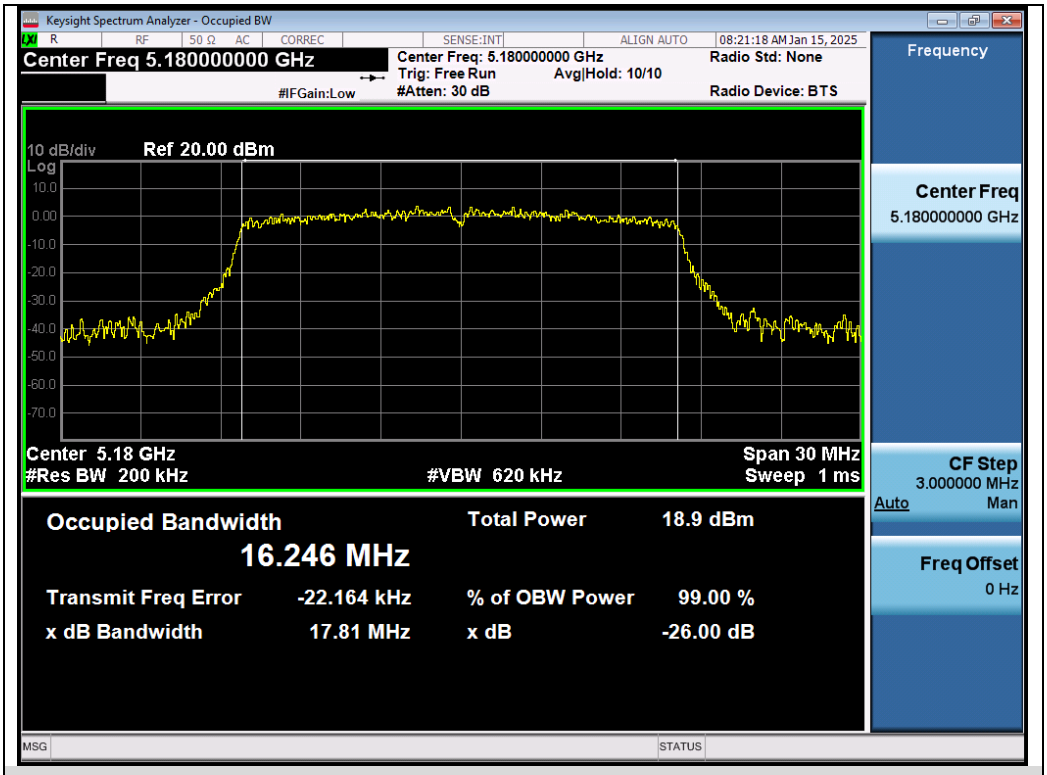
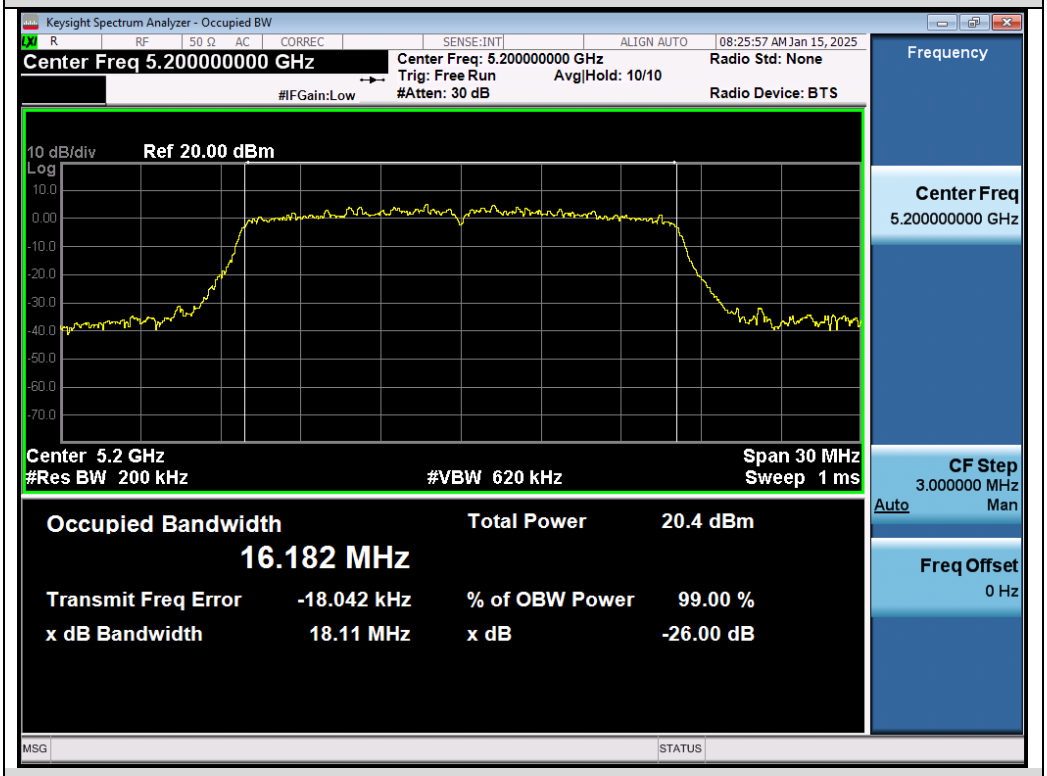


Test_Graph_802.11a_Chain B_5180_6Mbps_OBW



Test_Graph_802.11a_Chain B_5200_6Mbps_OBW

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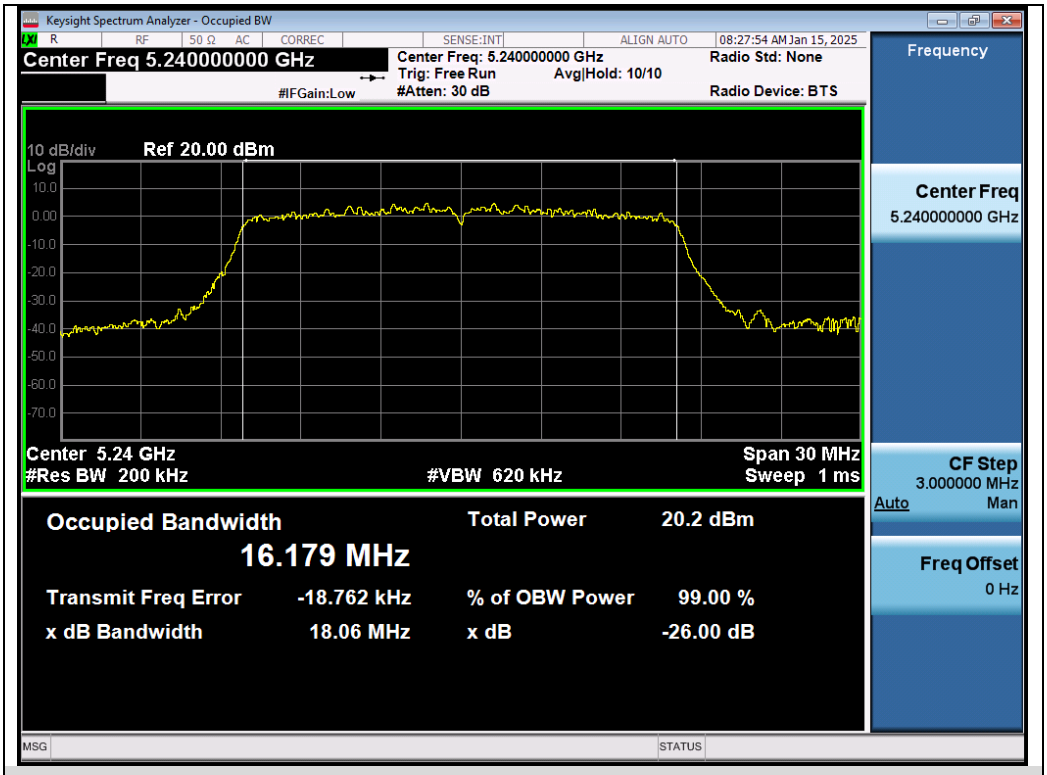
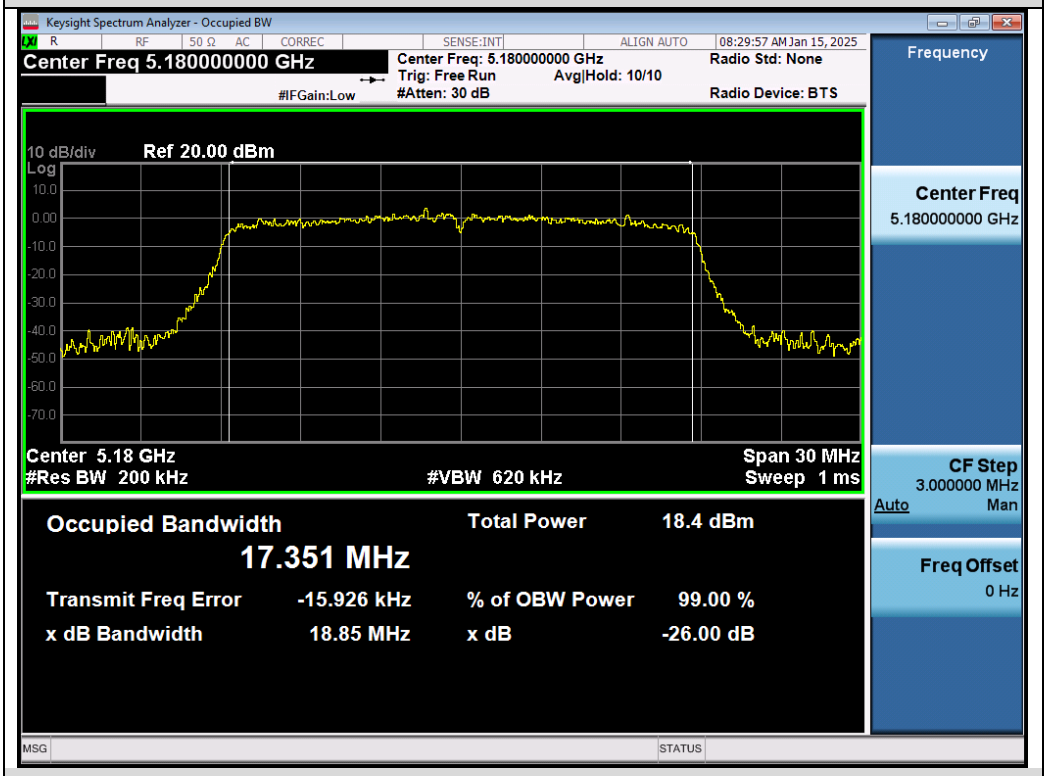


Test_Graph_802.11a_Chain B_5240_6Mbps_OBW



Test_Graph_802.11n20_Chain B_5180_MCS0_OBW

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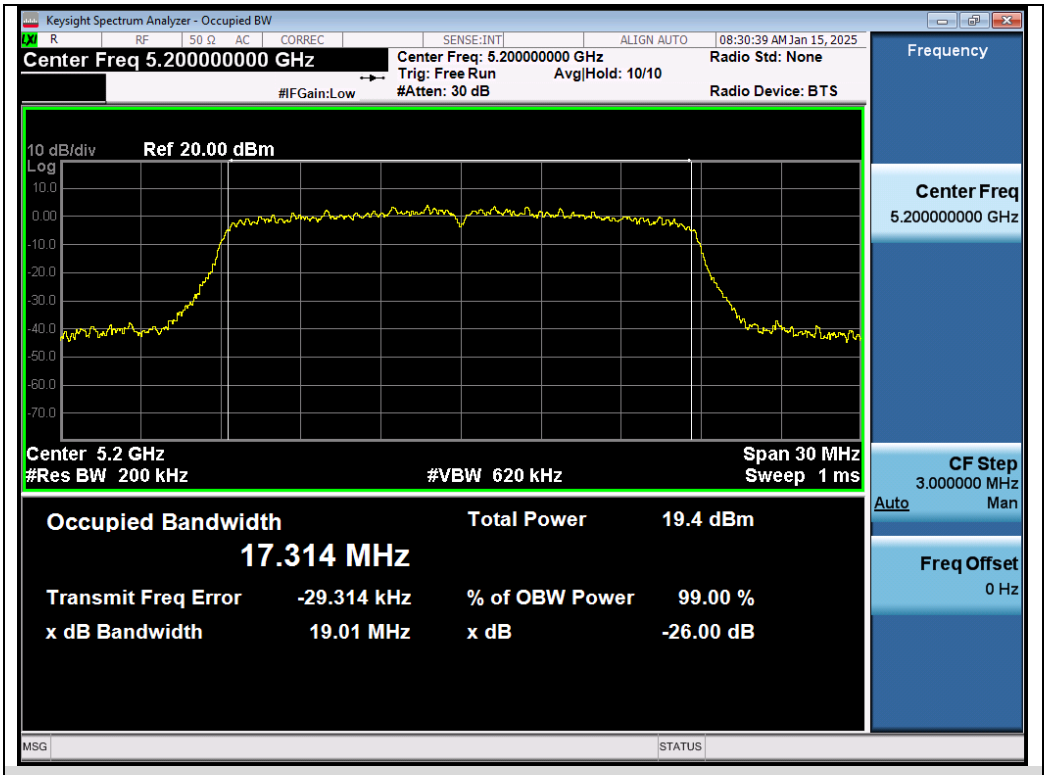
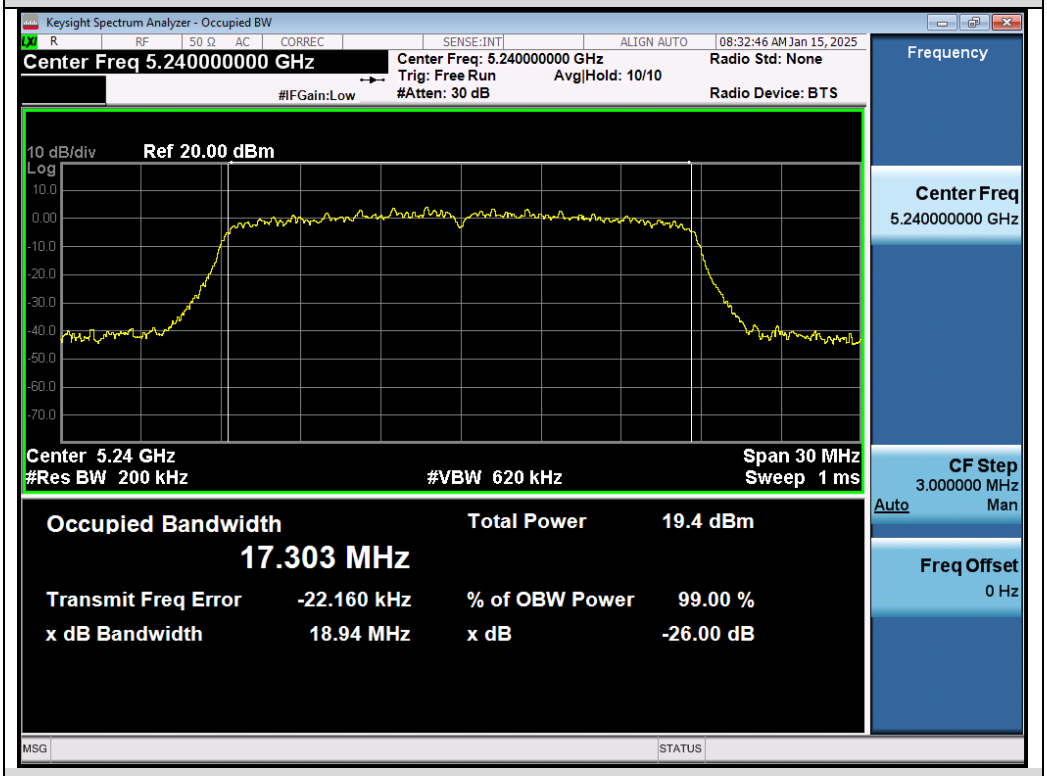


Test_Graph_802.11n20_Chain B_5200_MCS0_OBW



Test_Graph_802.11n20_Chain B_5240_MCS0_OBW

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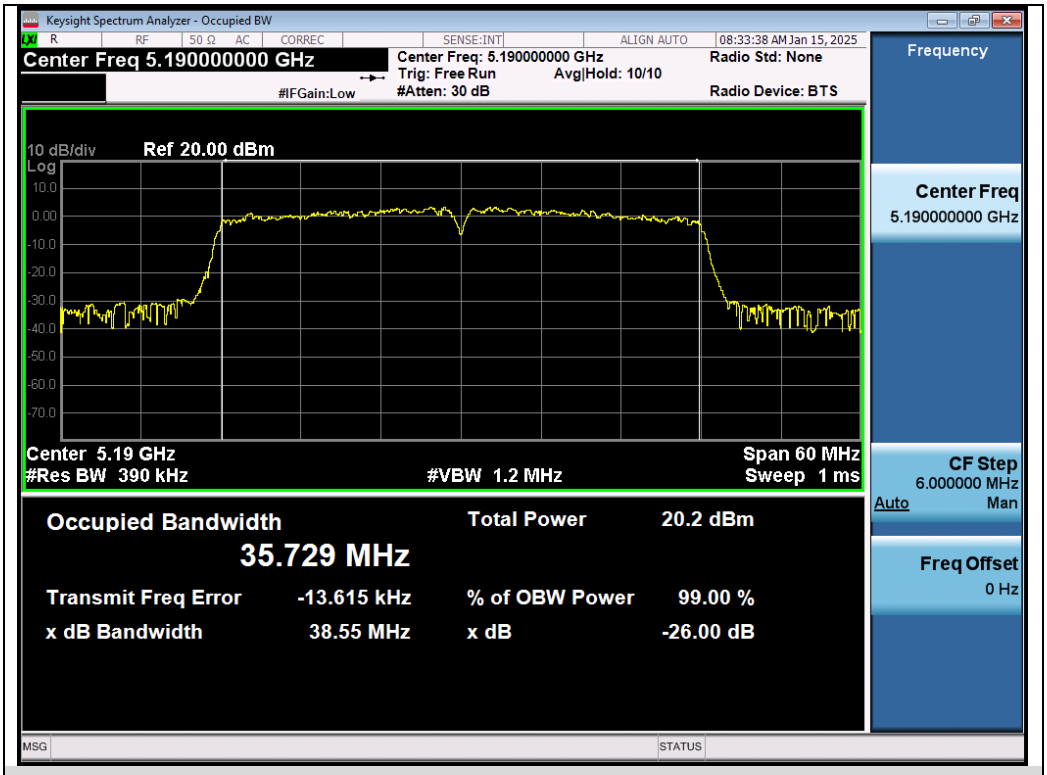
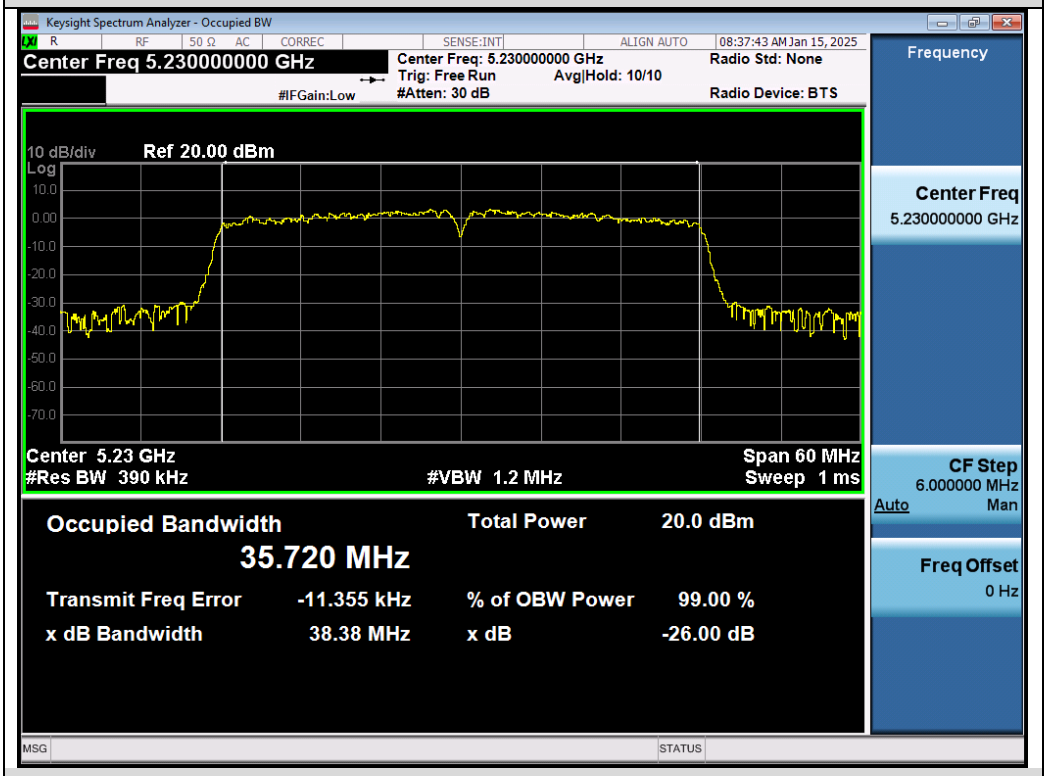


Test_Graph_802.11n40_Chain B_5190_MCS0_OBW



Test_Graph_802.11n40_Chain B_5230_MCS0_OBW

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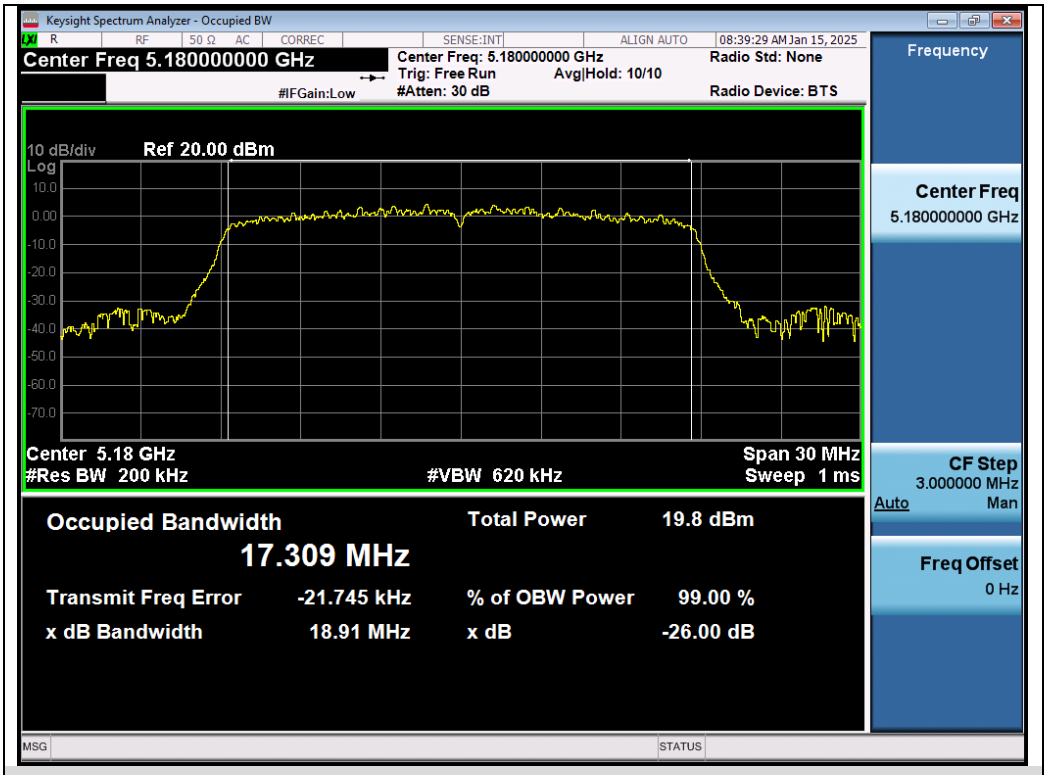
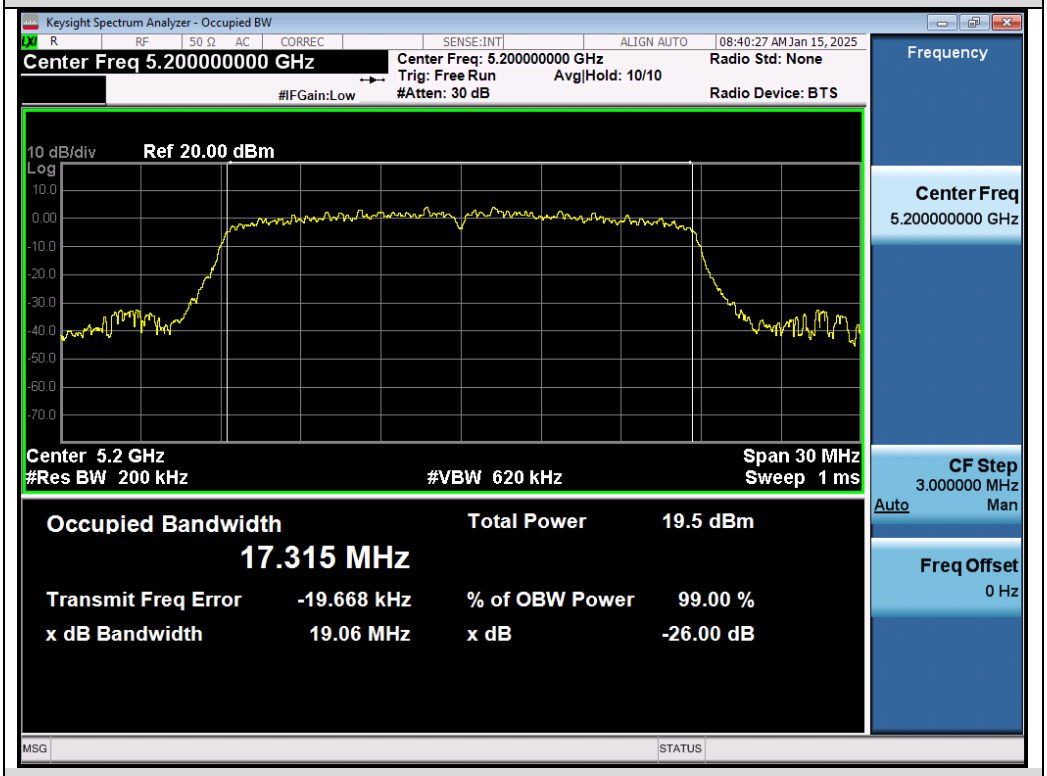


Test_Graph_802.11ac20_Chain B_5180_MCS0_OBW



Test_Graph_802.11ac20_Chain B_5200_MCS0_OBW

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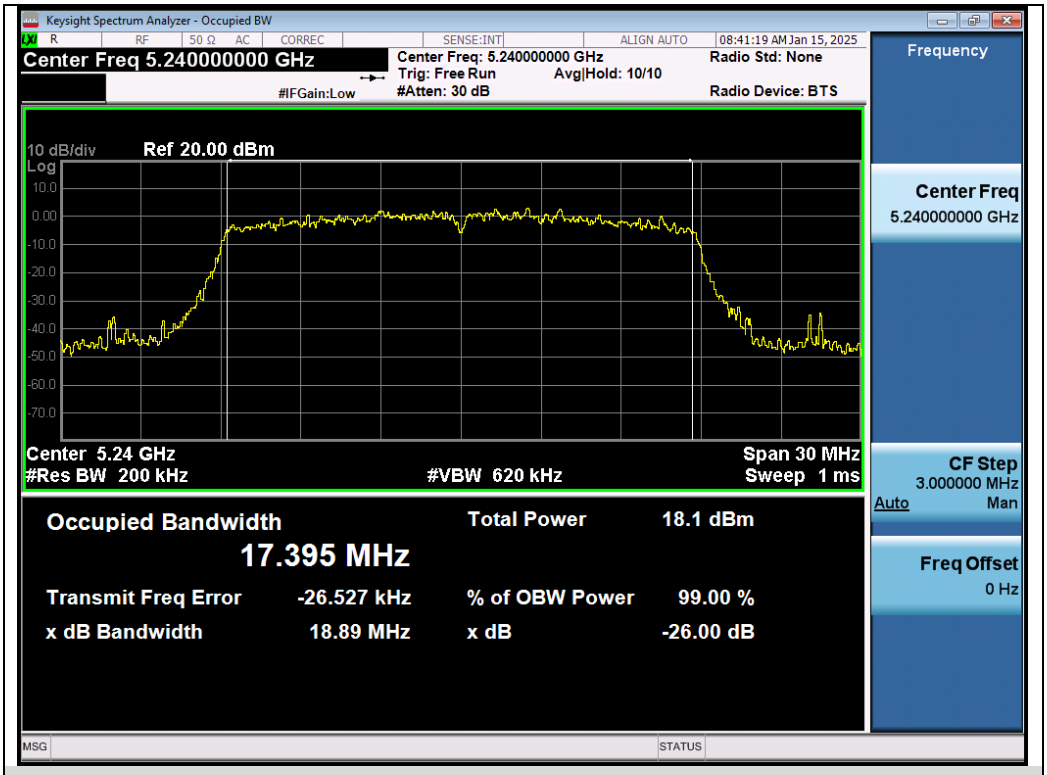
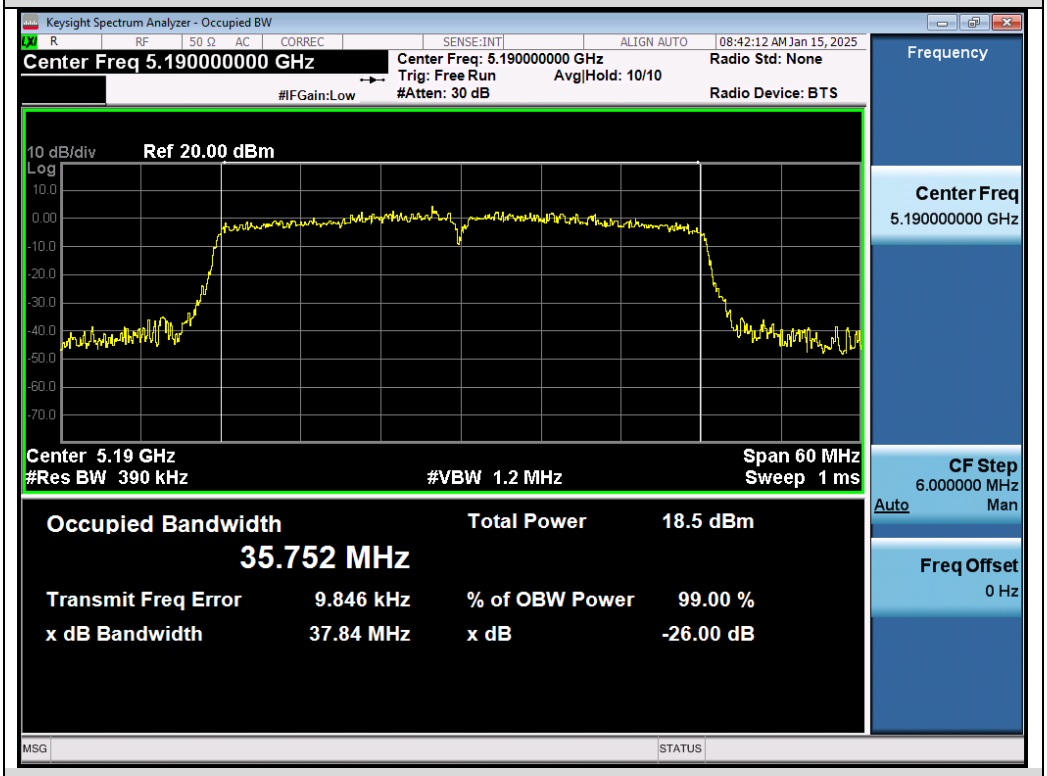


Test_Graph_802.11ac20_Chain B_5240_MCS0_OBW



Test_Graph_802.11ac40_Chain B_5190_MCS0_OBW

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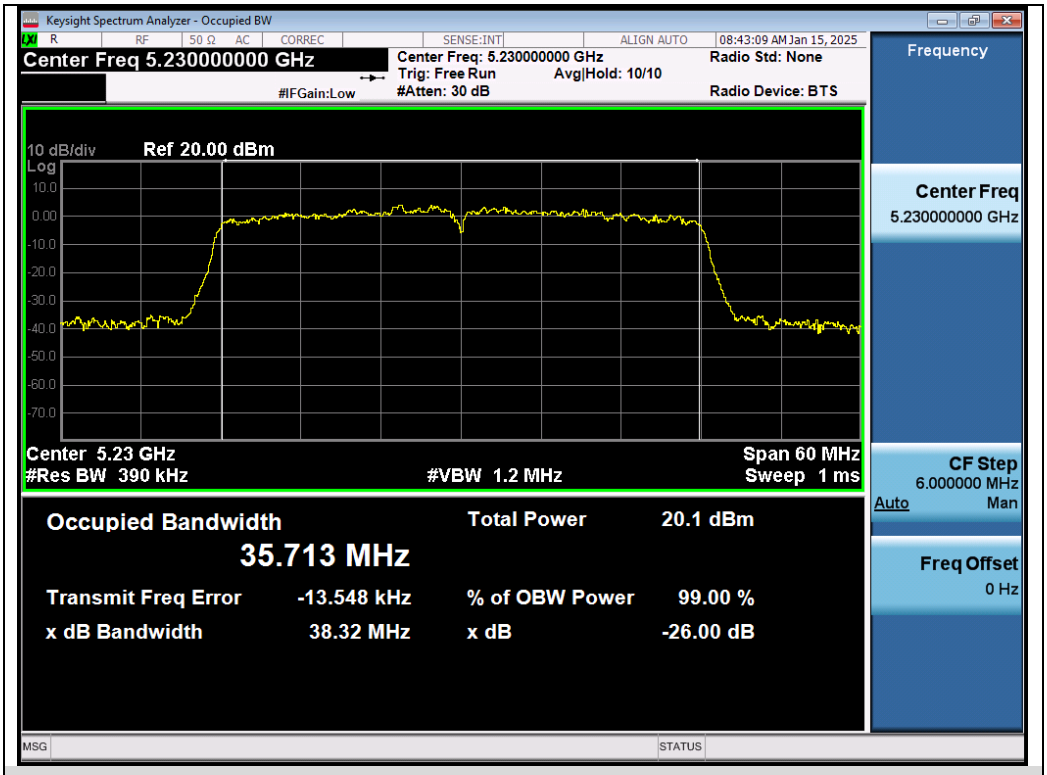

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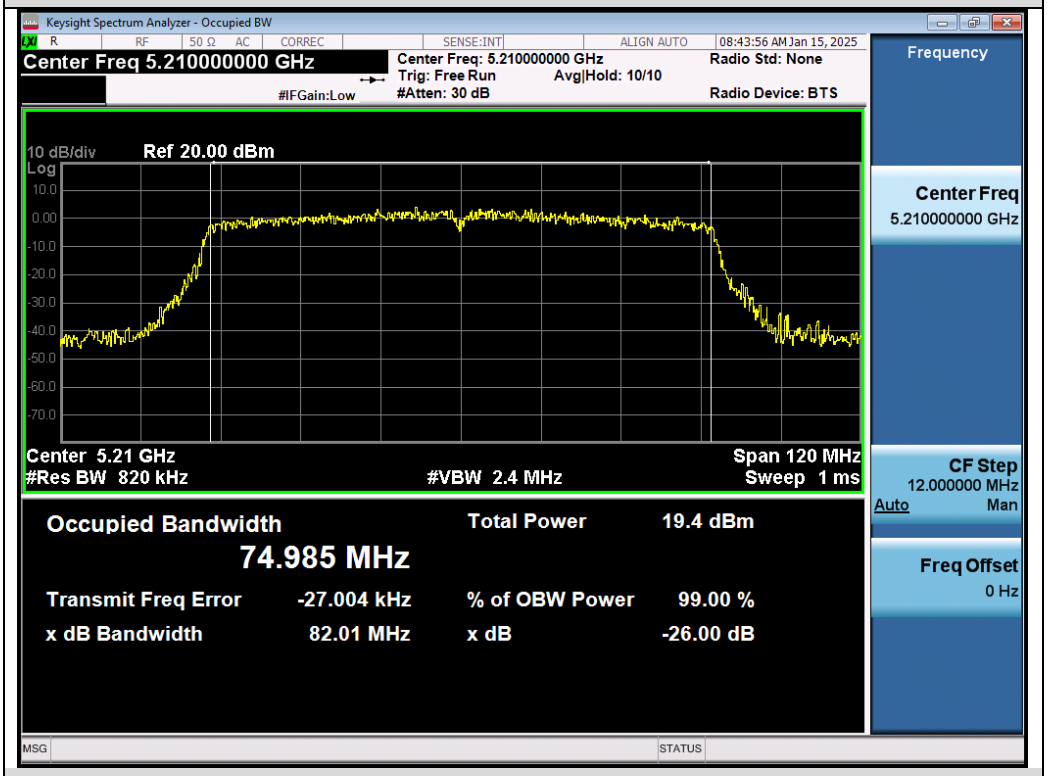

Test_Graph_802.11ac80_Chain B_5210_MCS0_OBW

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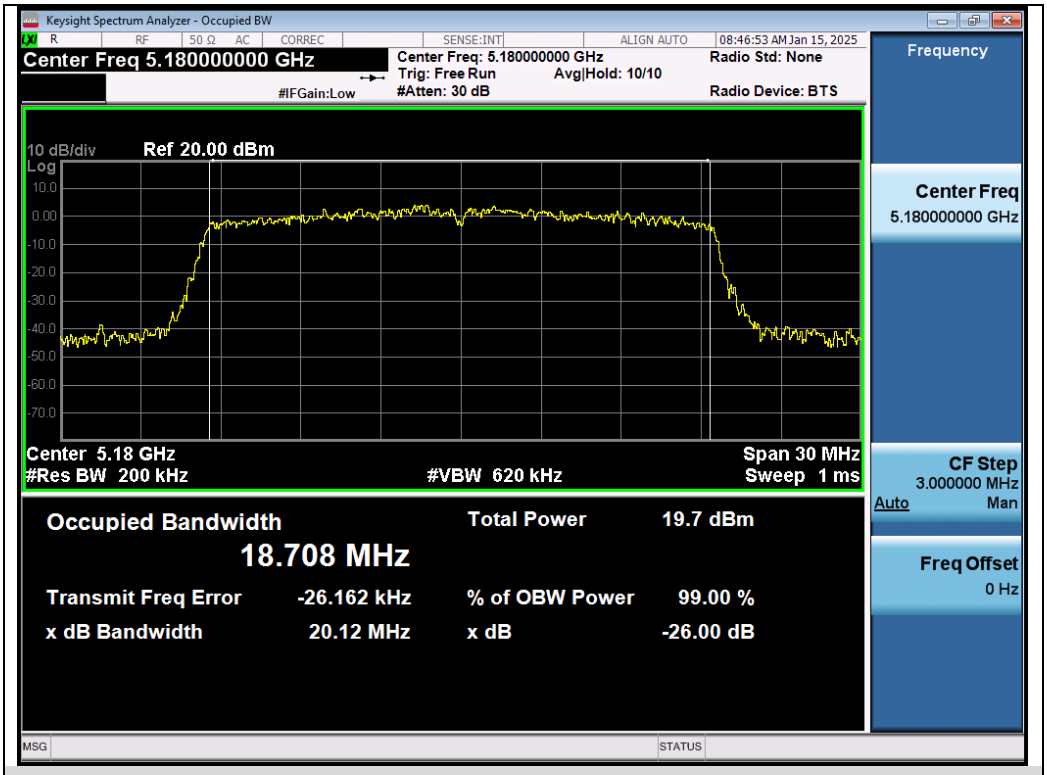

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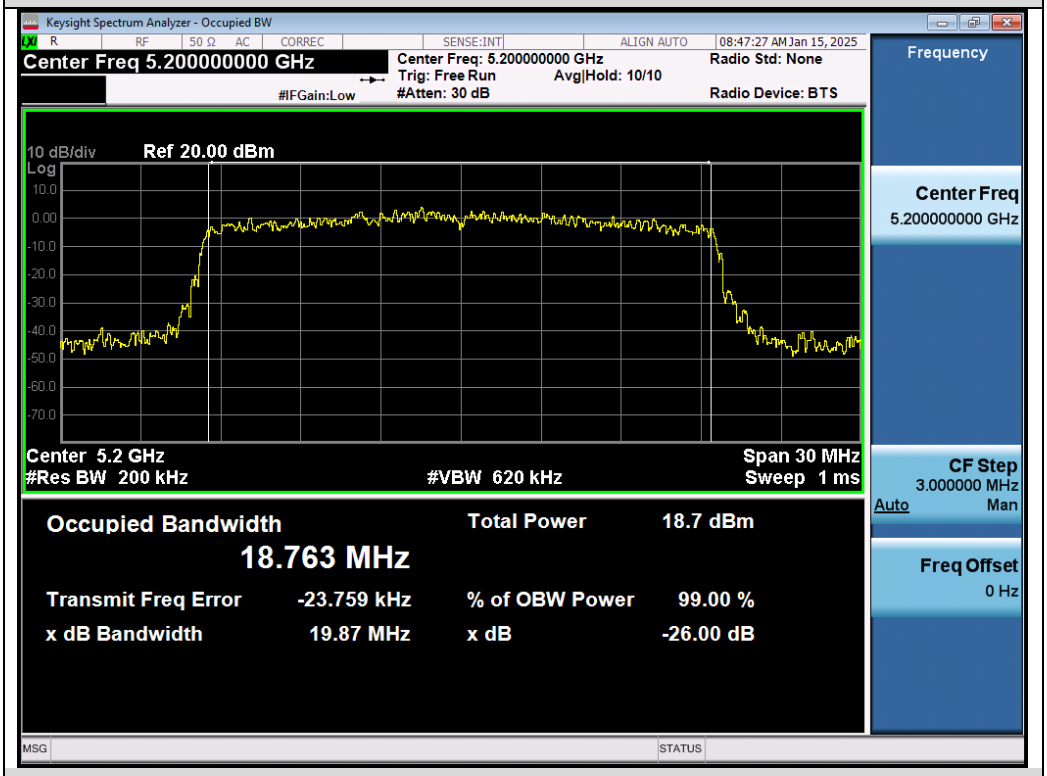

Test_Graph_802.11ax20_Chain B_5200_MCS0_OBW

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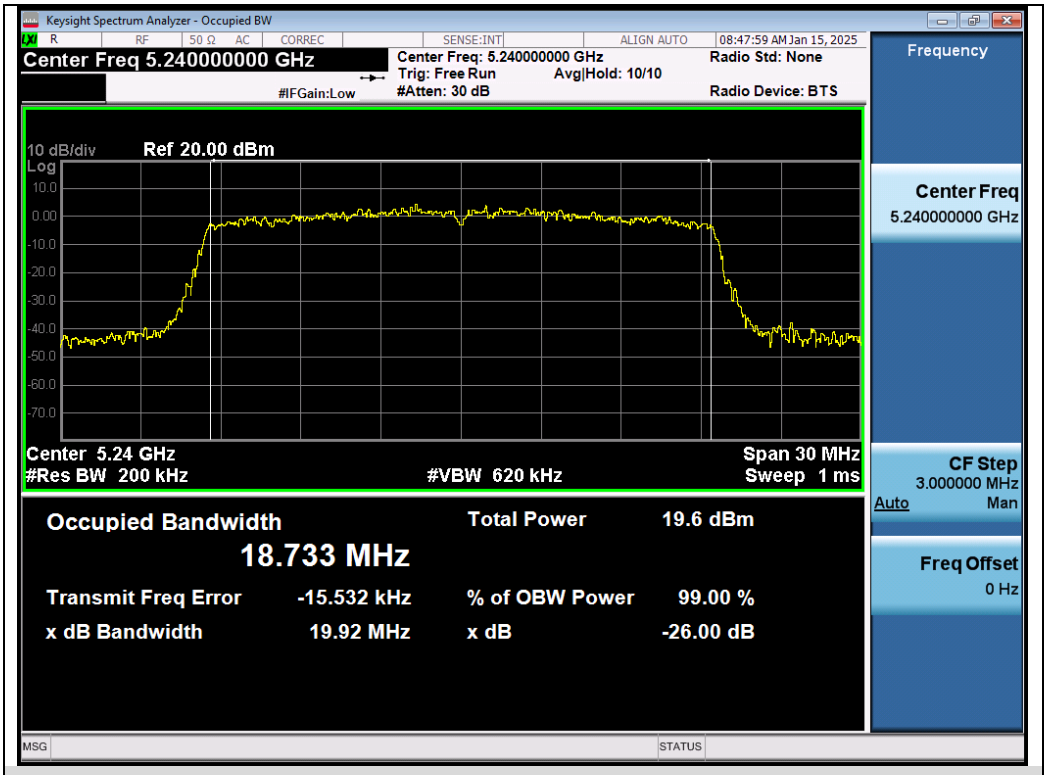

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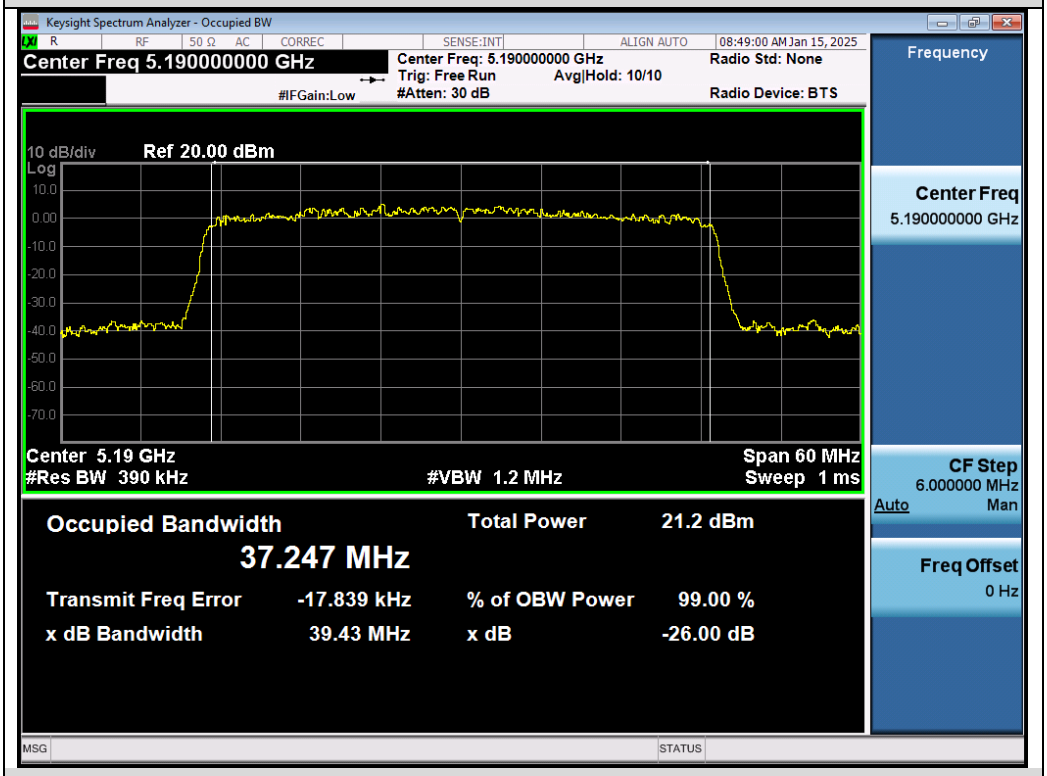

Test_Graph_802.11ax40_Chain B_5190_MCS0_OBW

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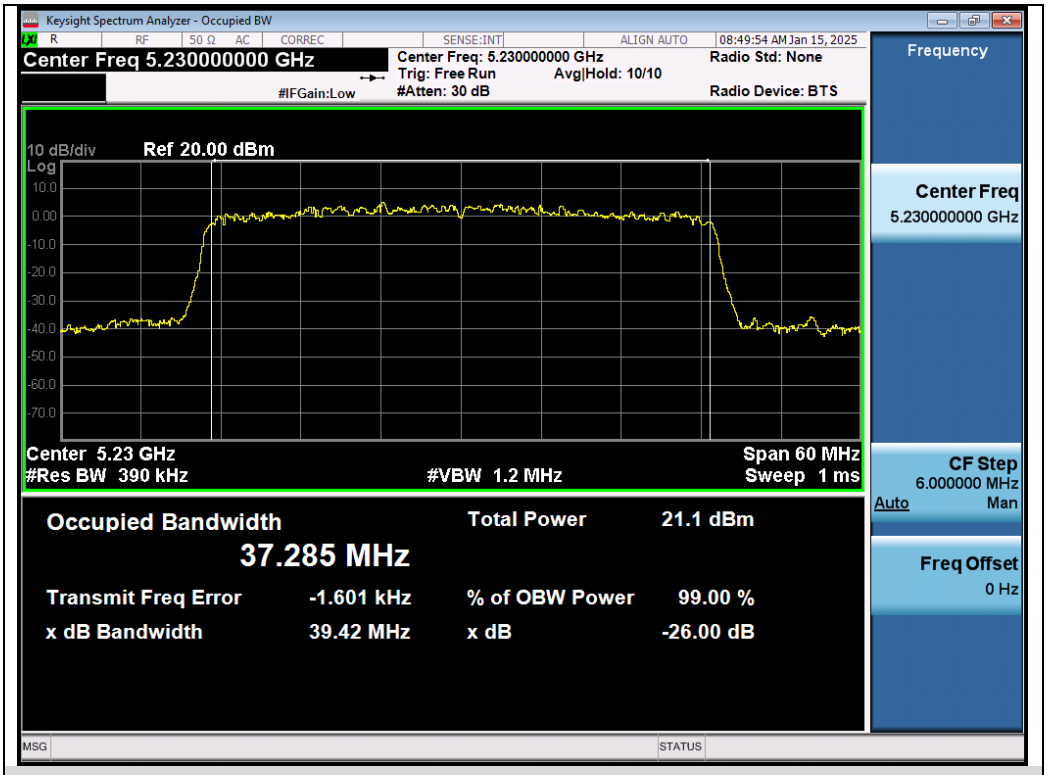

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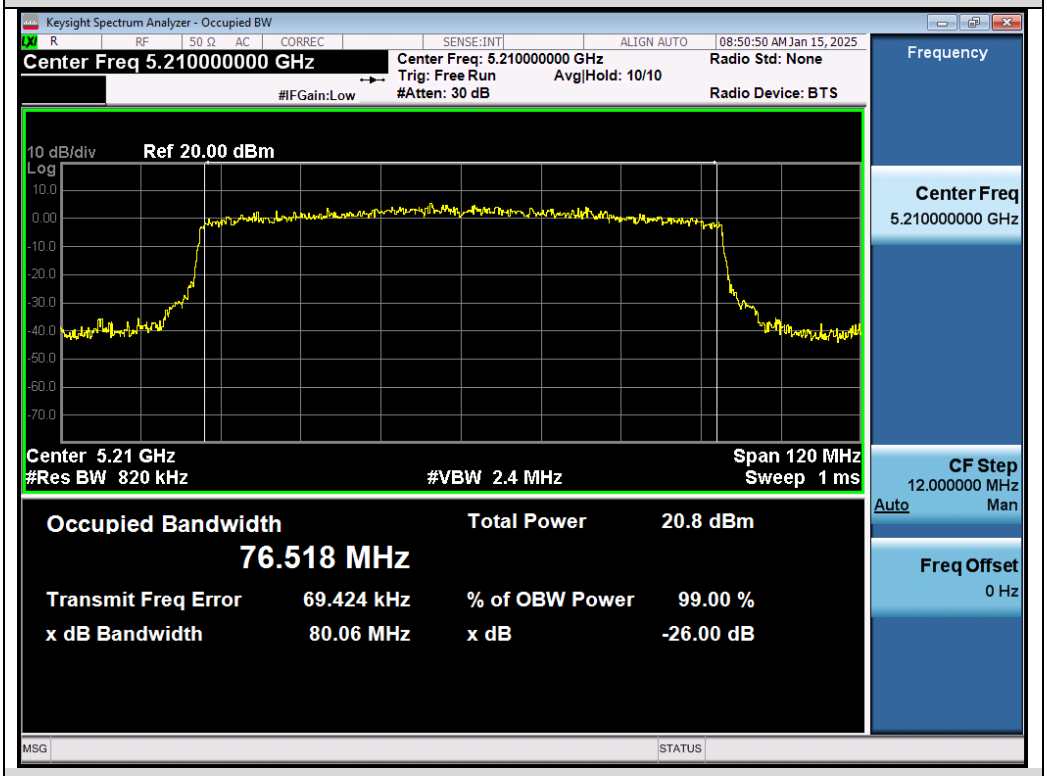

Test_Graph_802.11ax80_Chain B_5210_MCS0_OBW

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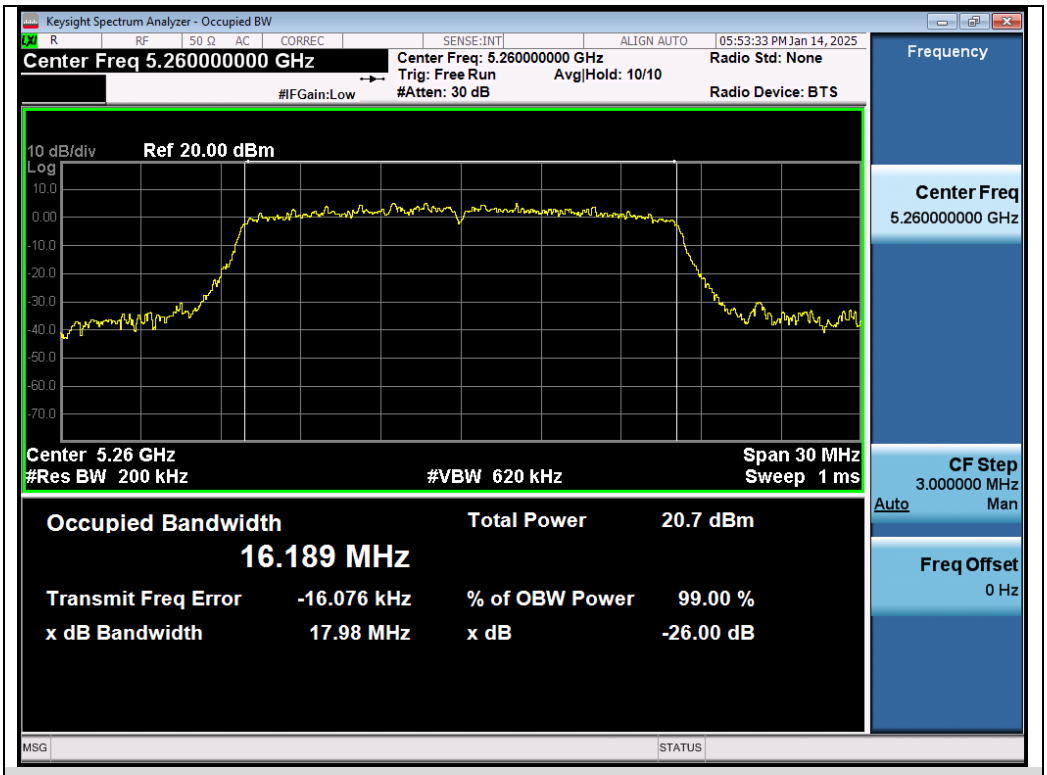
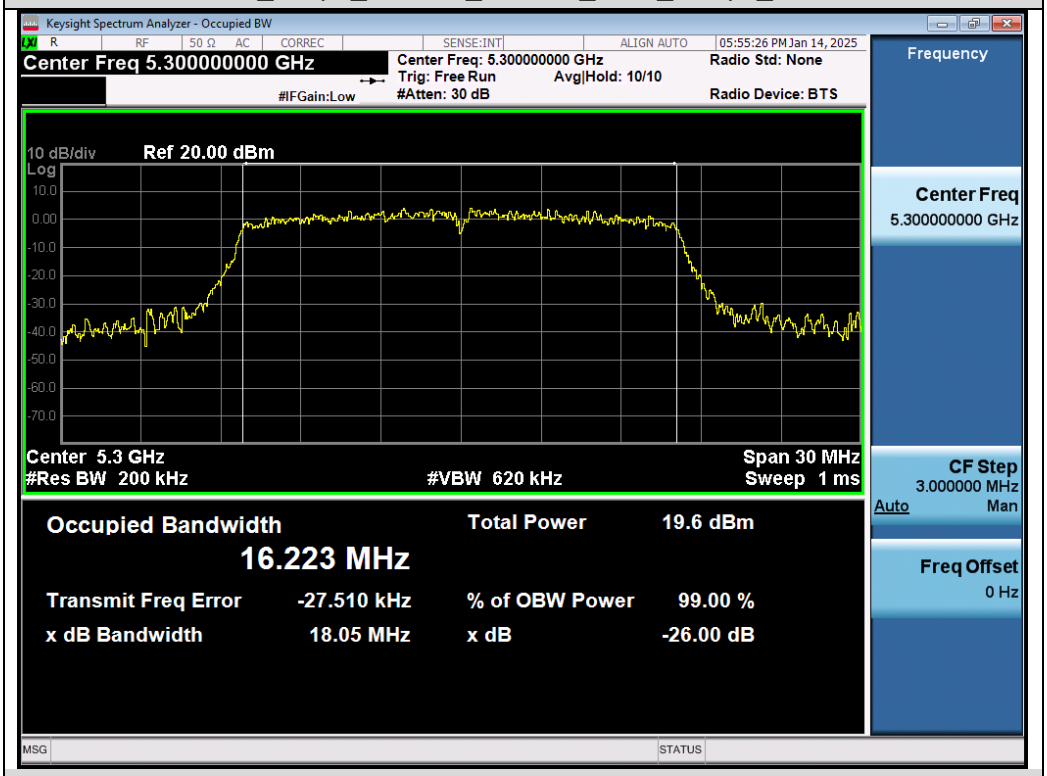
Test Graphs of Occupied Bandwidth for band 5.25-5.35 GHz



Test_Graph_802.11a_Chain A_5260_6Mbps_OBW



Test_Graph_802.11a_Chain A_5300_6Mbps_OBW

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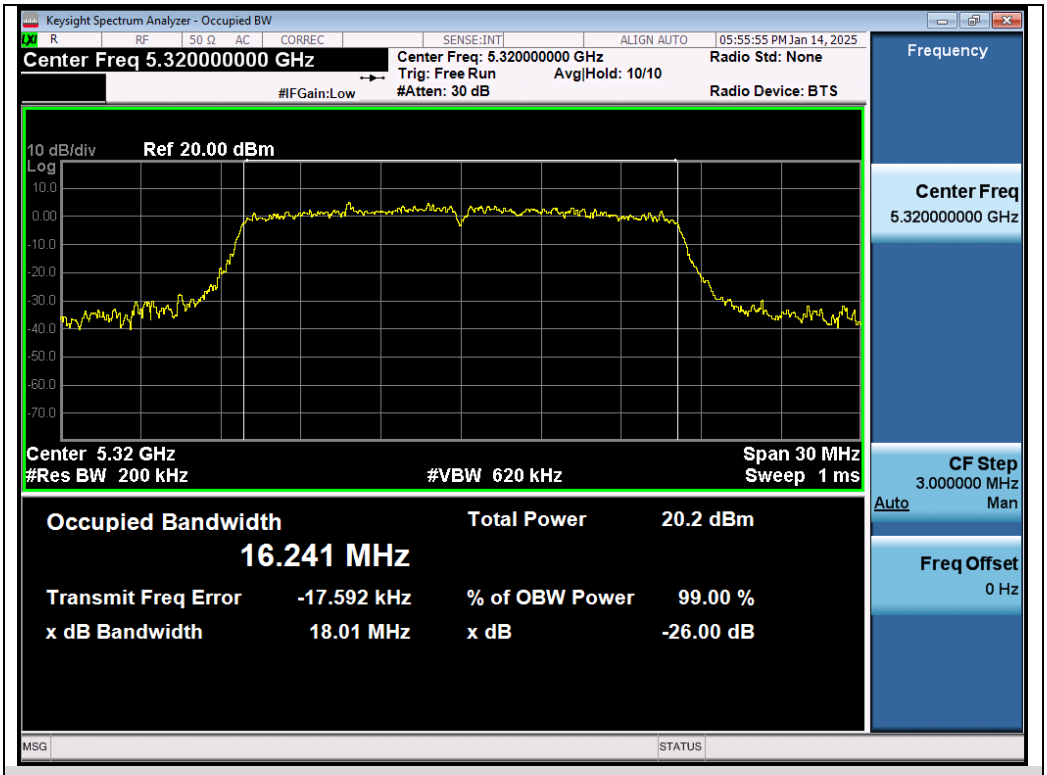
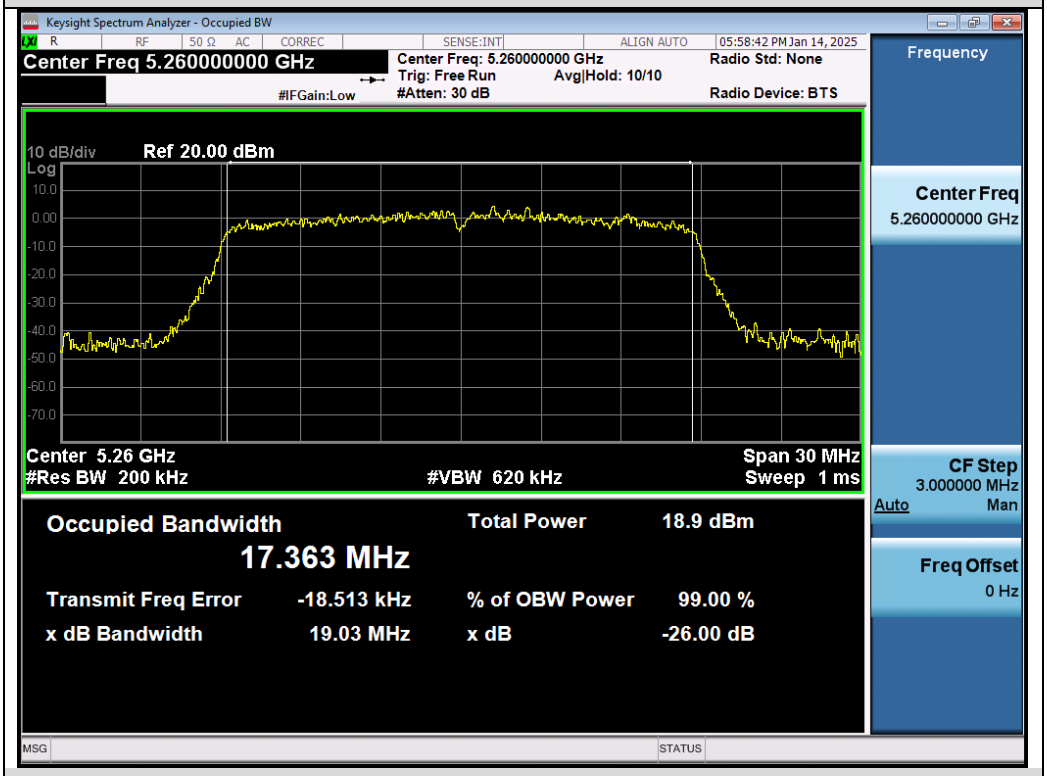


Test_Graph_802.11a_Chain A_5320_6Mbps_OBW



Test_Graph_802.11n20_Chain A_5260_MCS0_OBW

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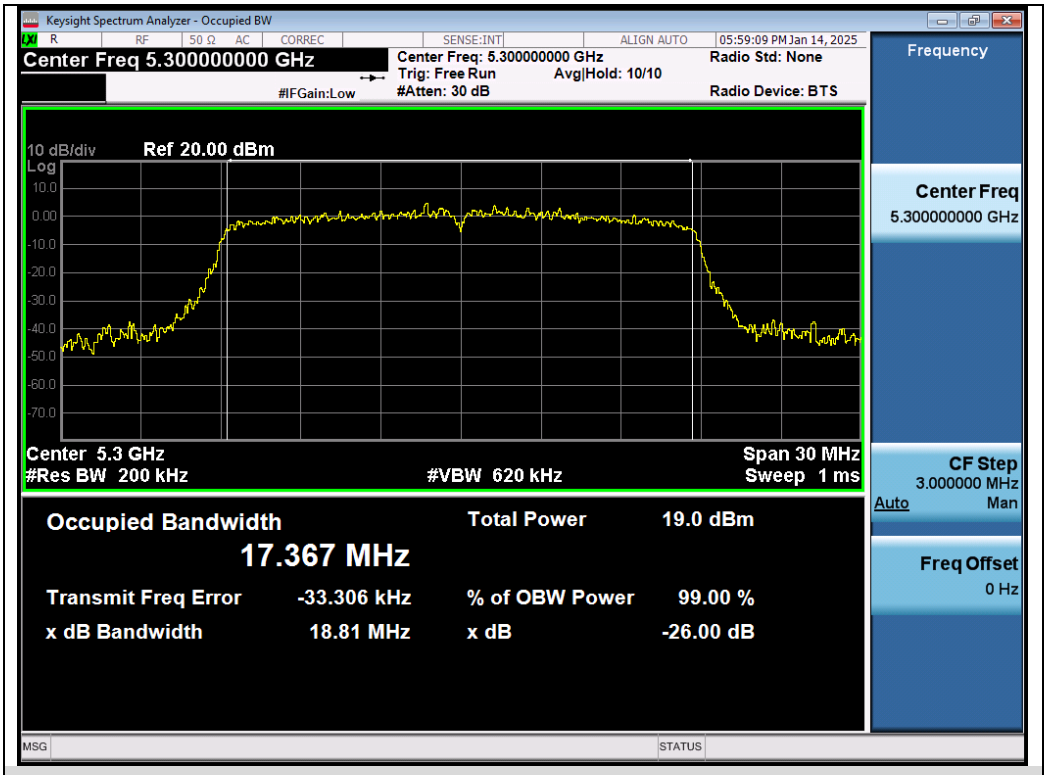

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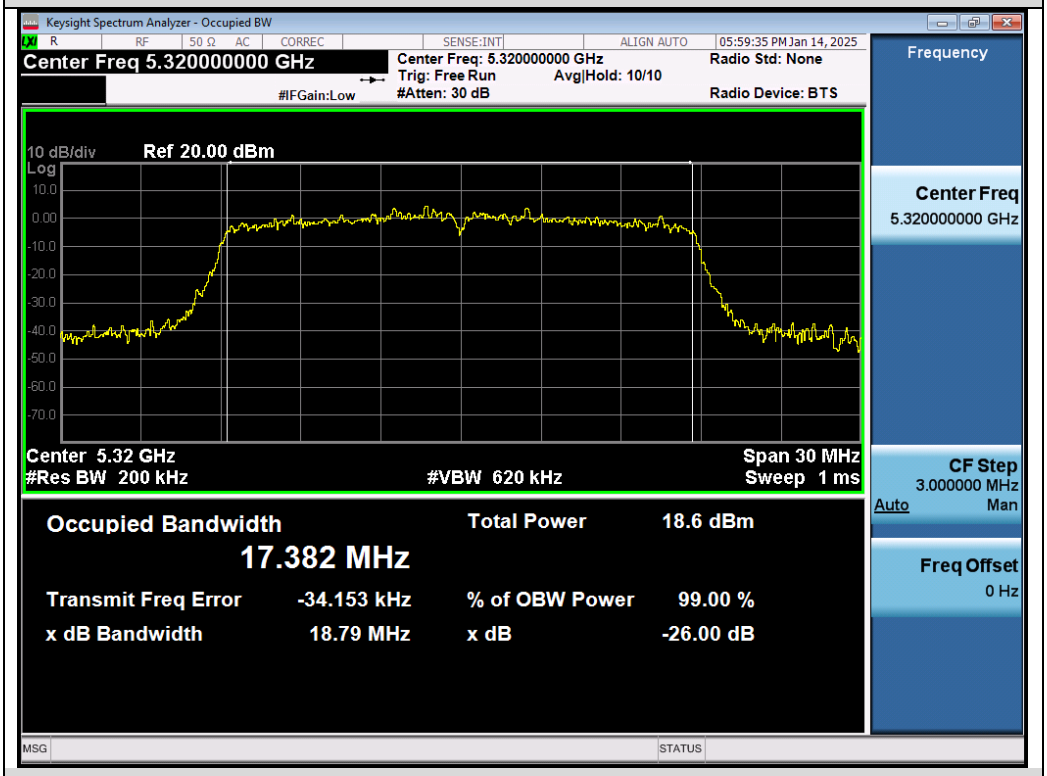

Test_Graph_802.11n20_Chain A_5320_MCS0_OBW

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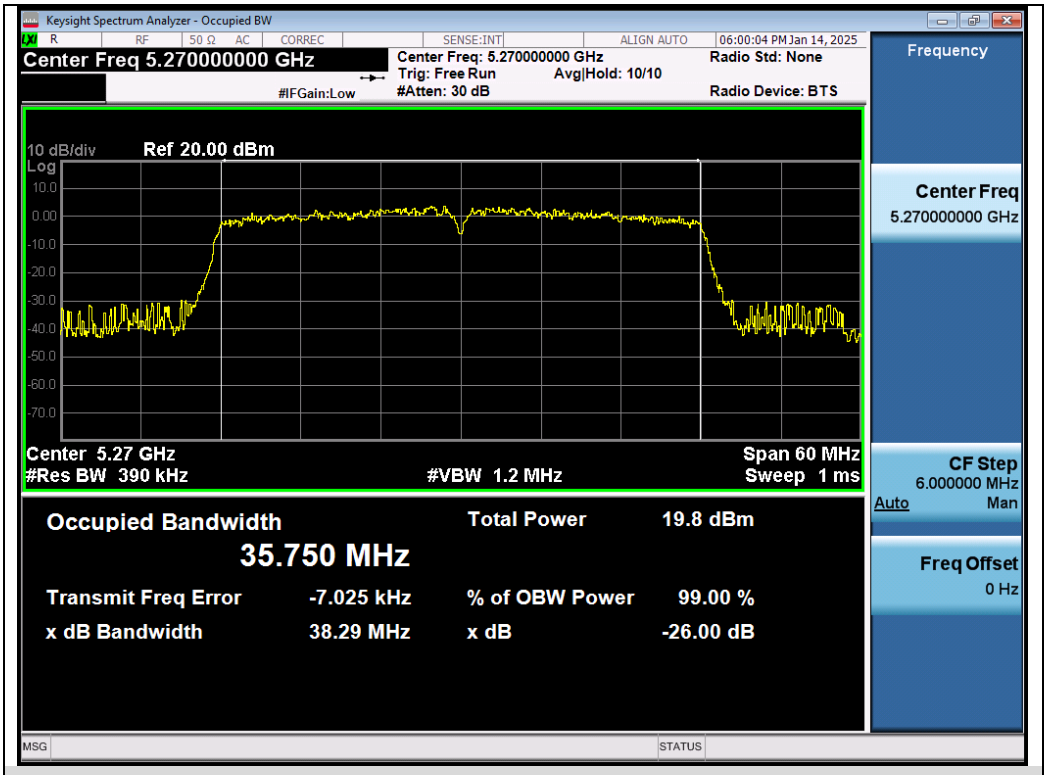
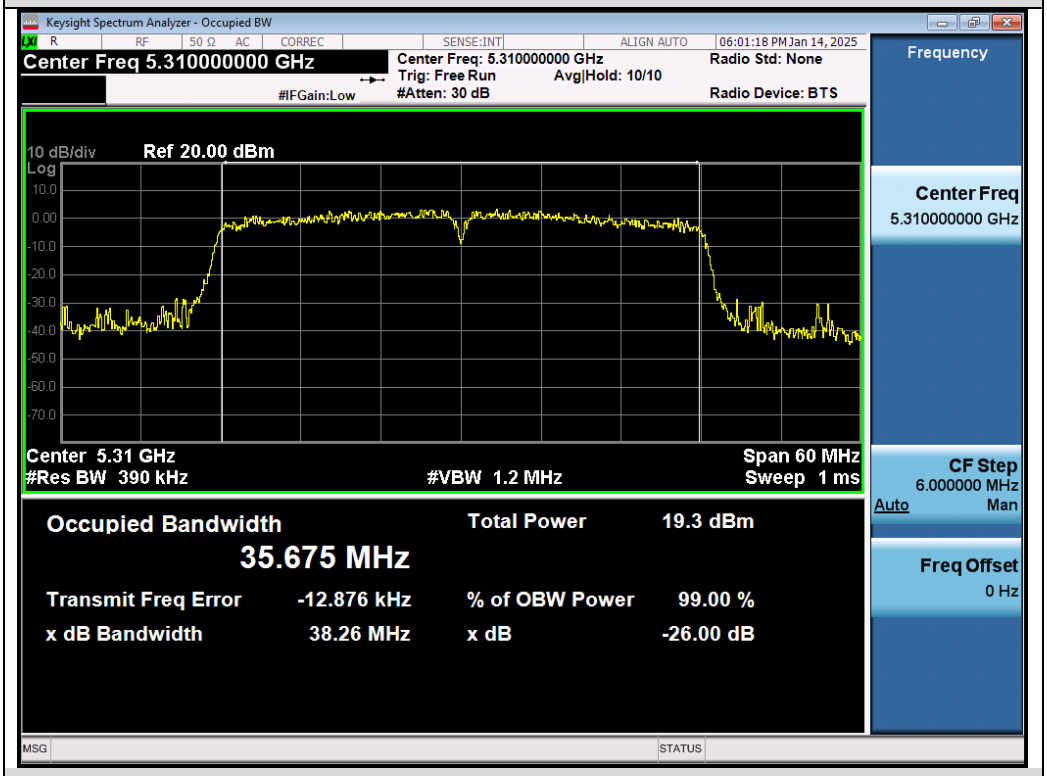


Test_Graph_802.11n40_Chain A_5270_MCS0_OBW



Test_Graph_802.11n40_Chain A_5310_MCS0_OBW

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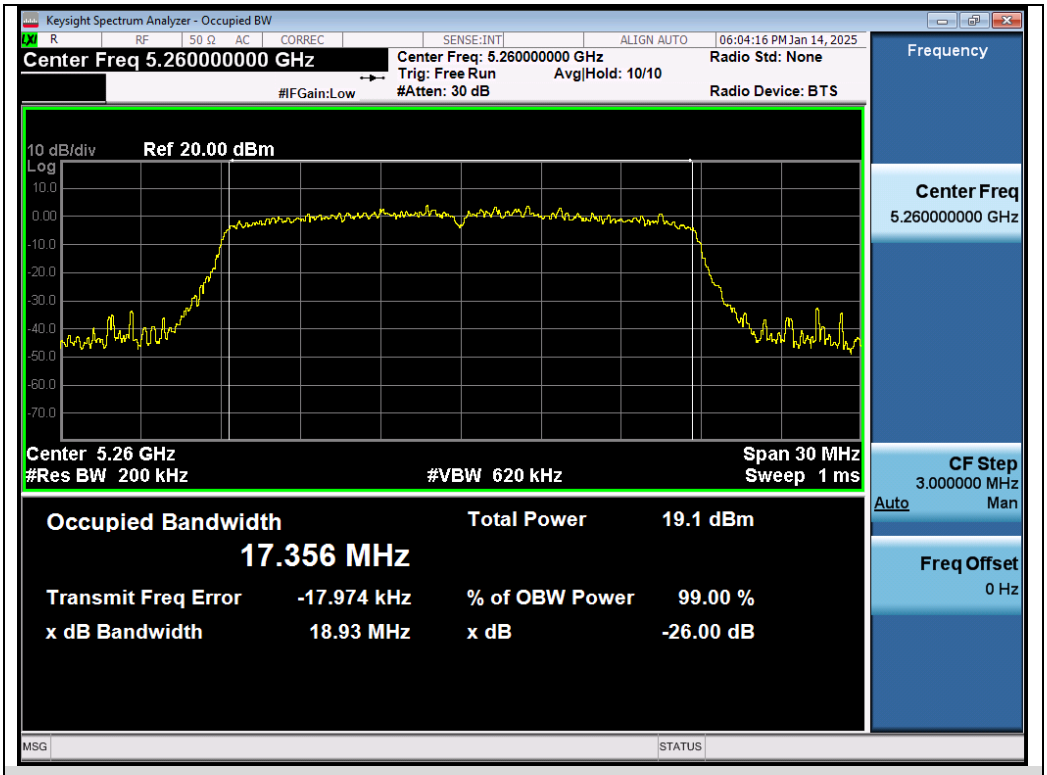

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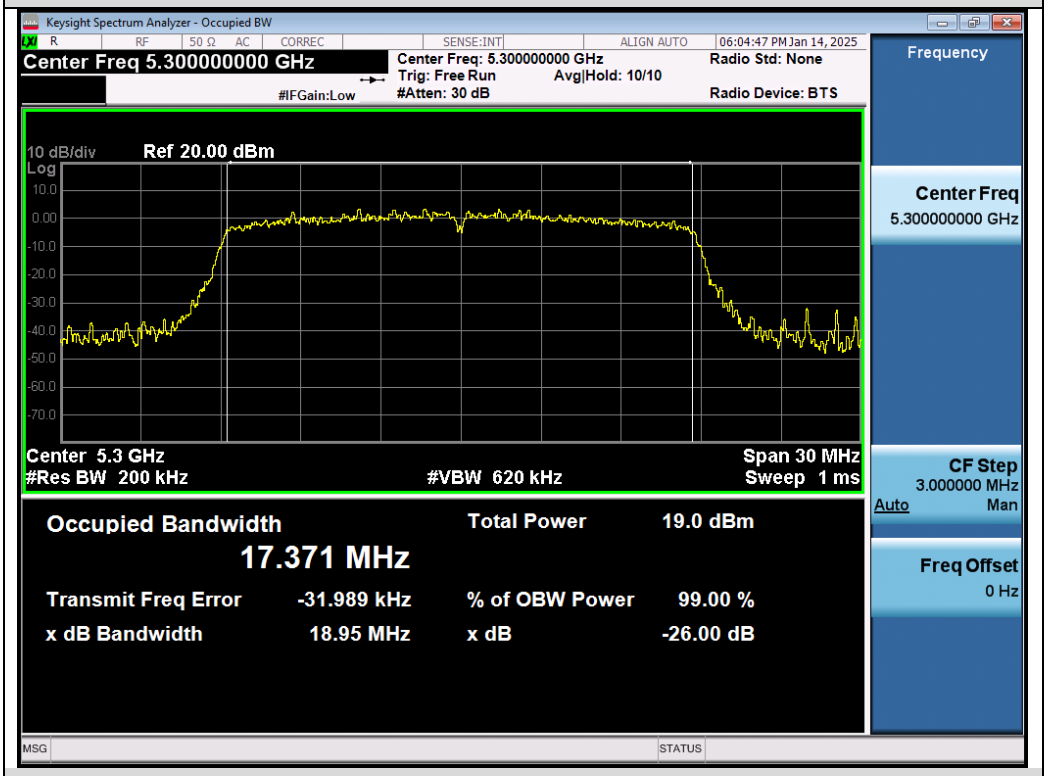

Test_Graph_802.11ac20_Chain A_5300_MCS0_OBW

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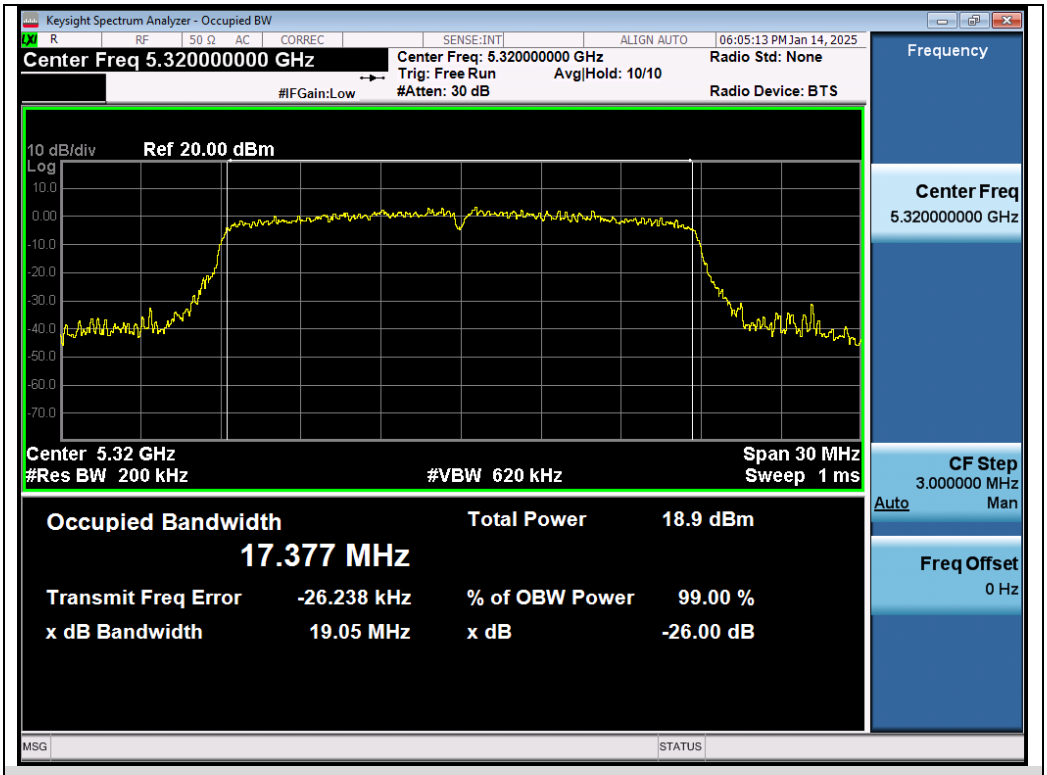

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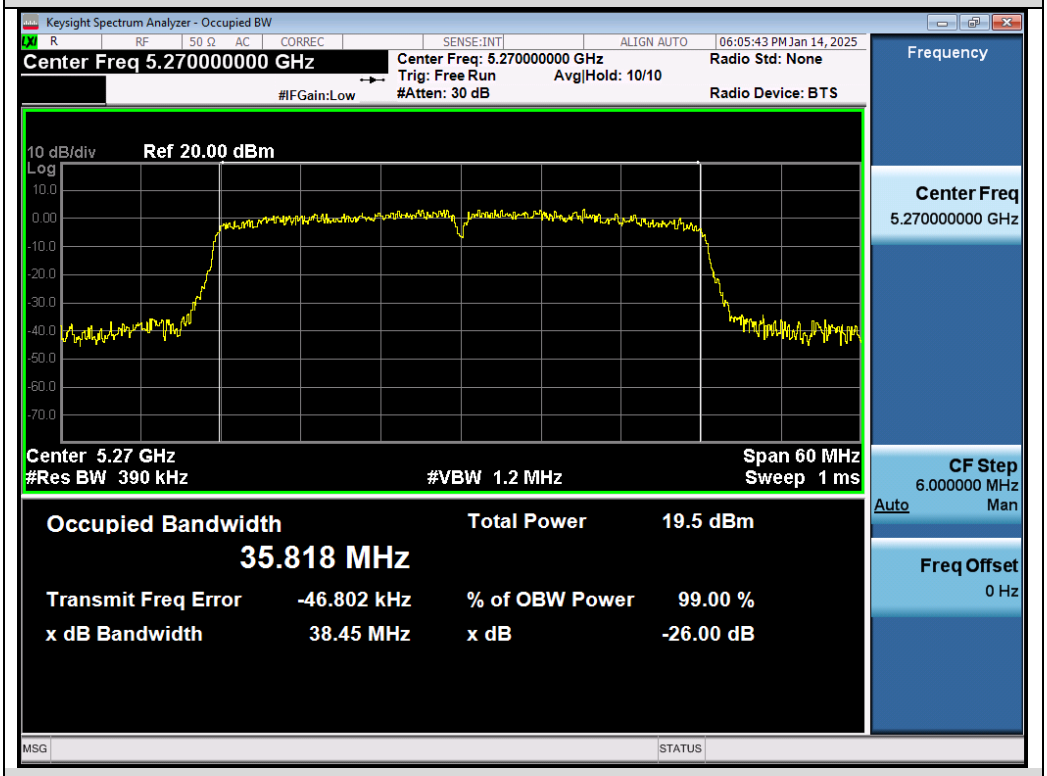

Test_Graph_802.11ac40_Chain A_5270_MCS0_OBW

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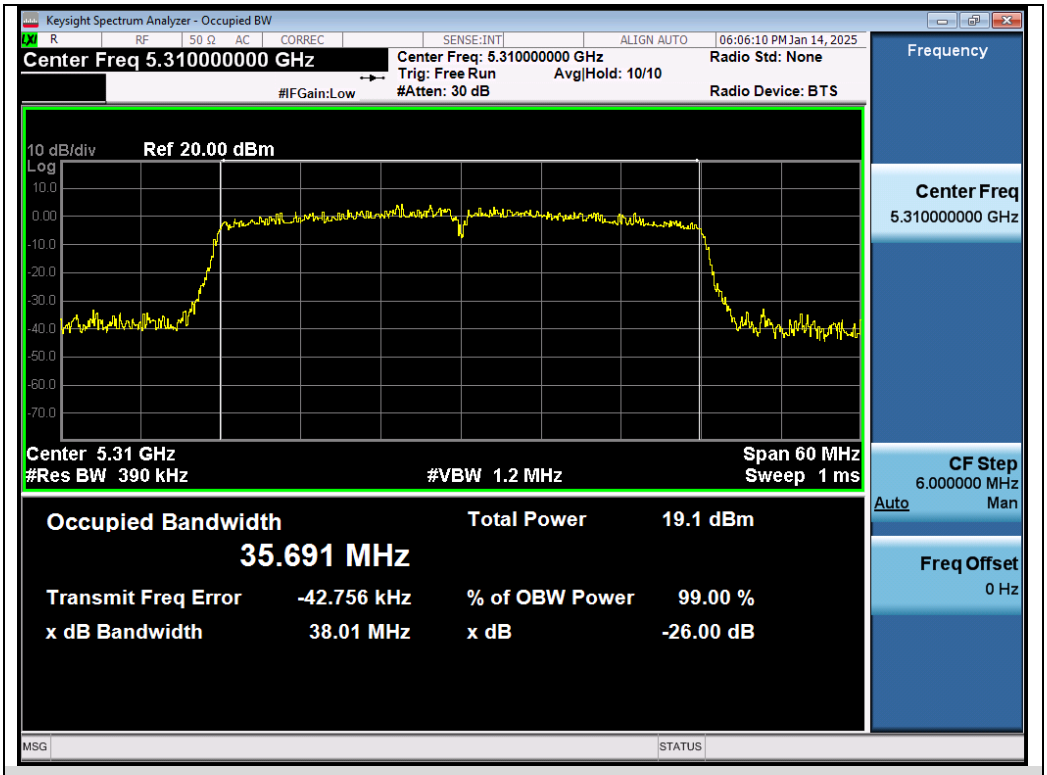

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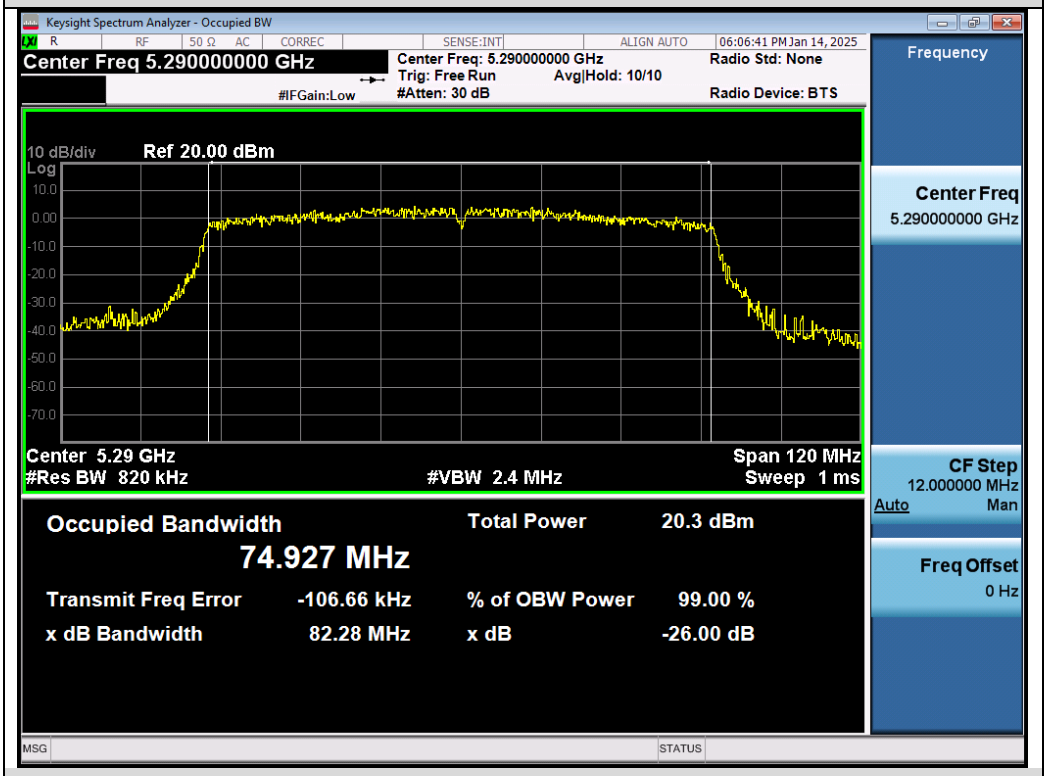

Test_Graph_802.11ac80_Chain A_5290_MCS0_OBW

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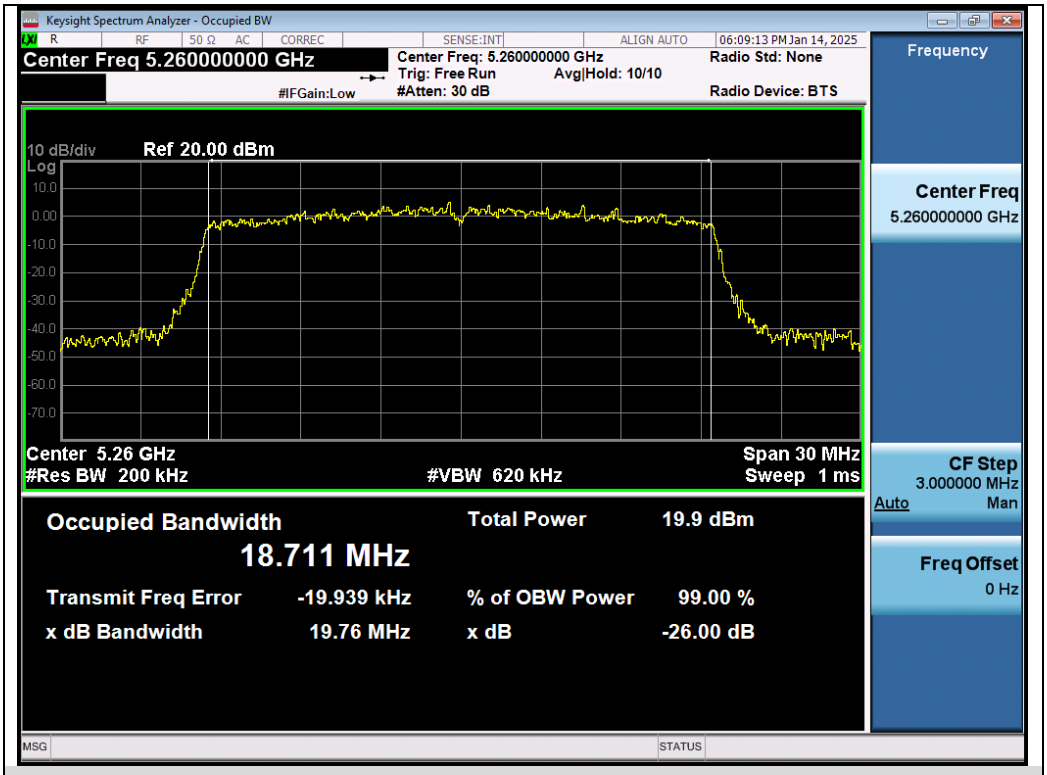

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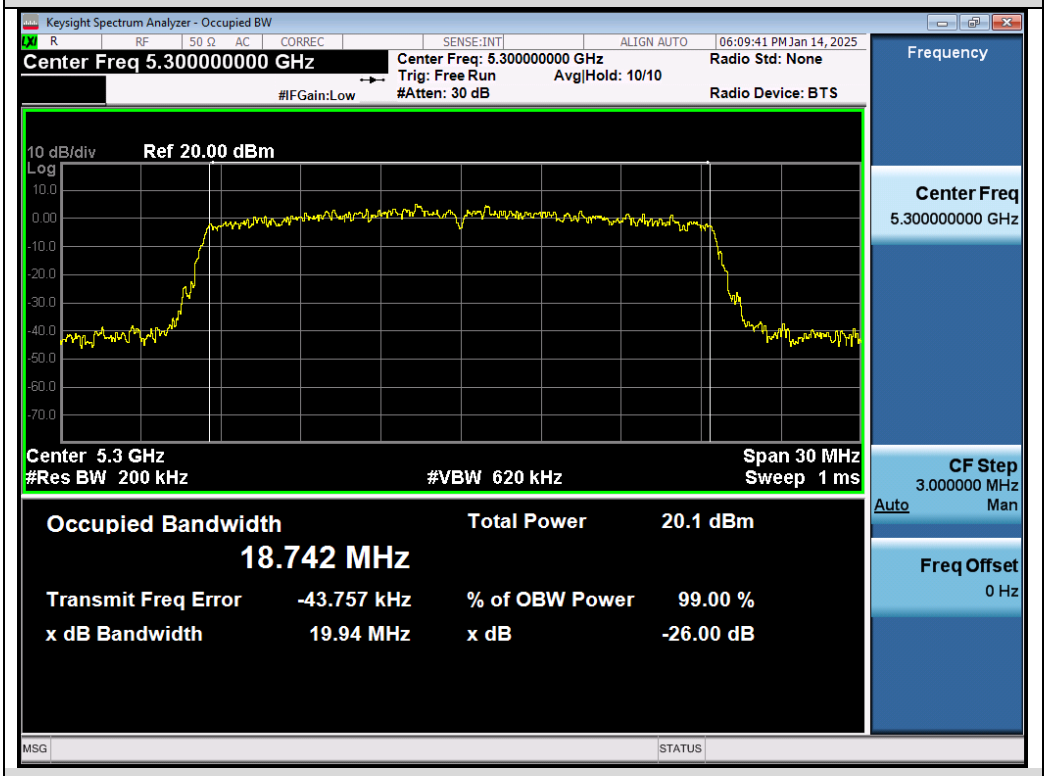

Test_Graph_802.11ax20_Chain A_5300_MCS0_OBW

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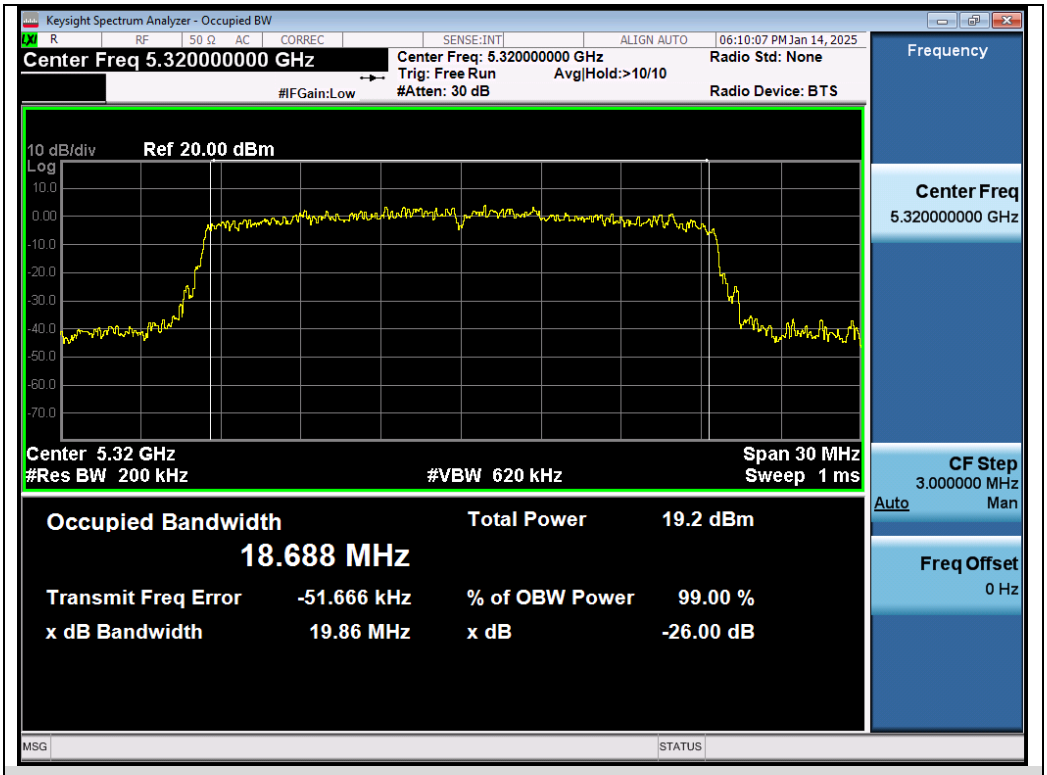

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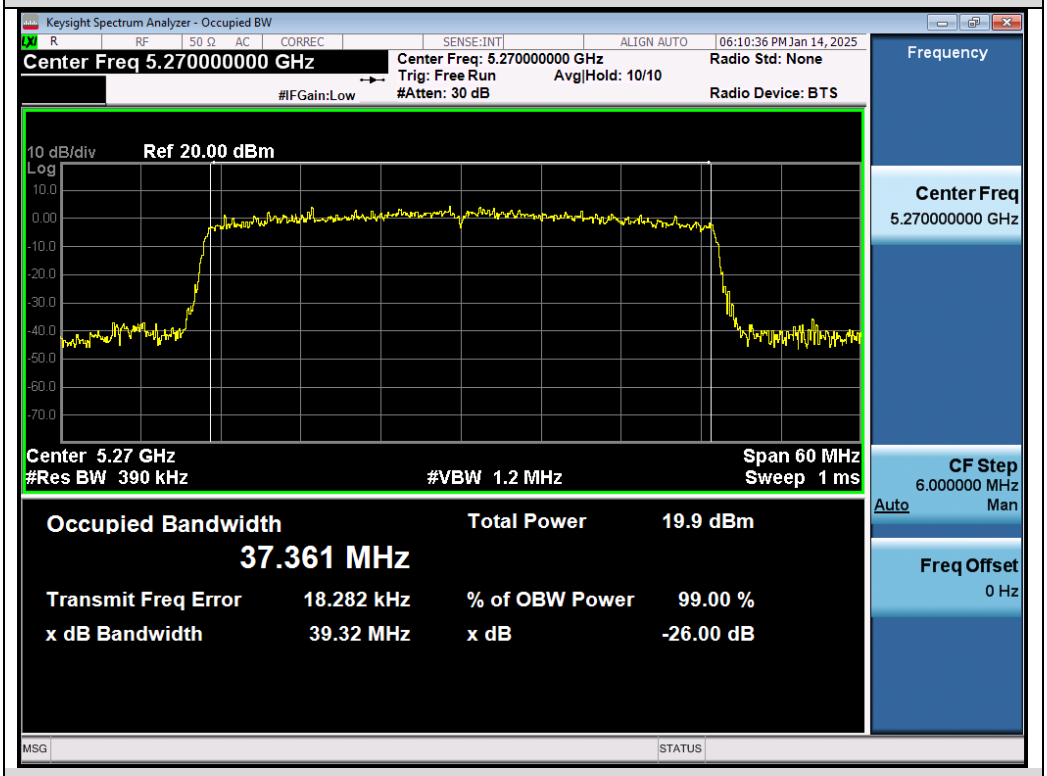

Test_Graph_802.11ax40_Chain A_5270_MCS0_OBW

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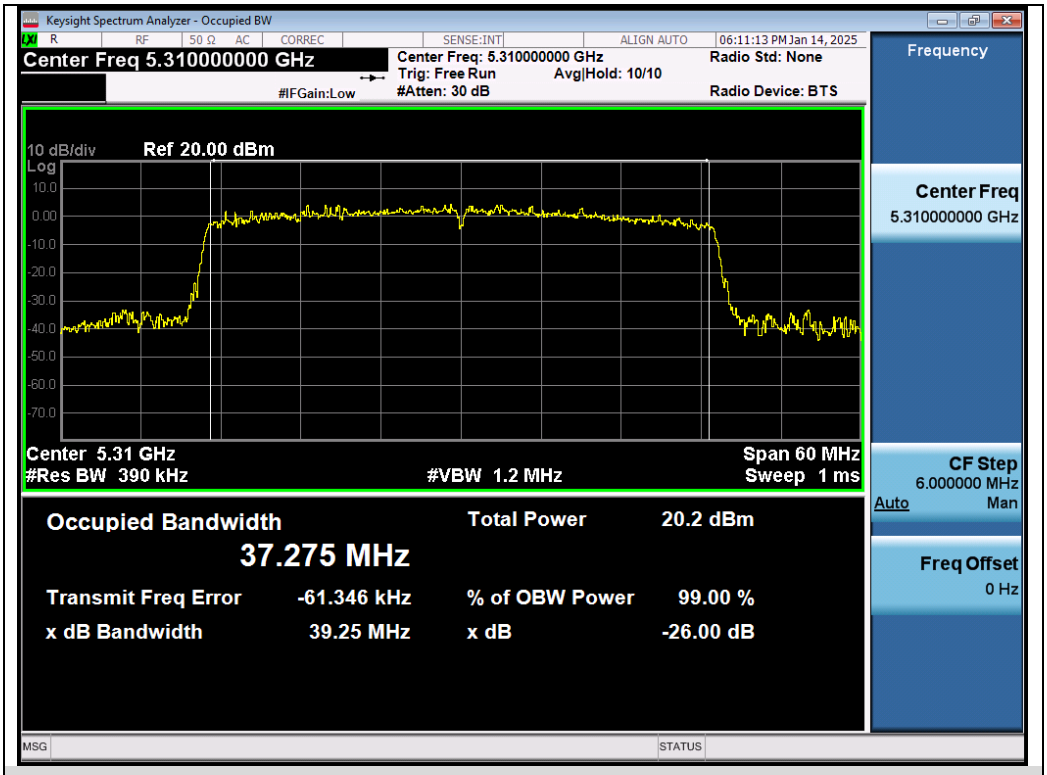

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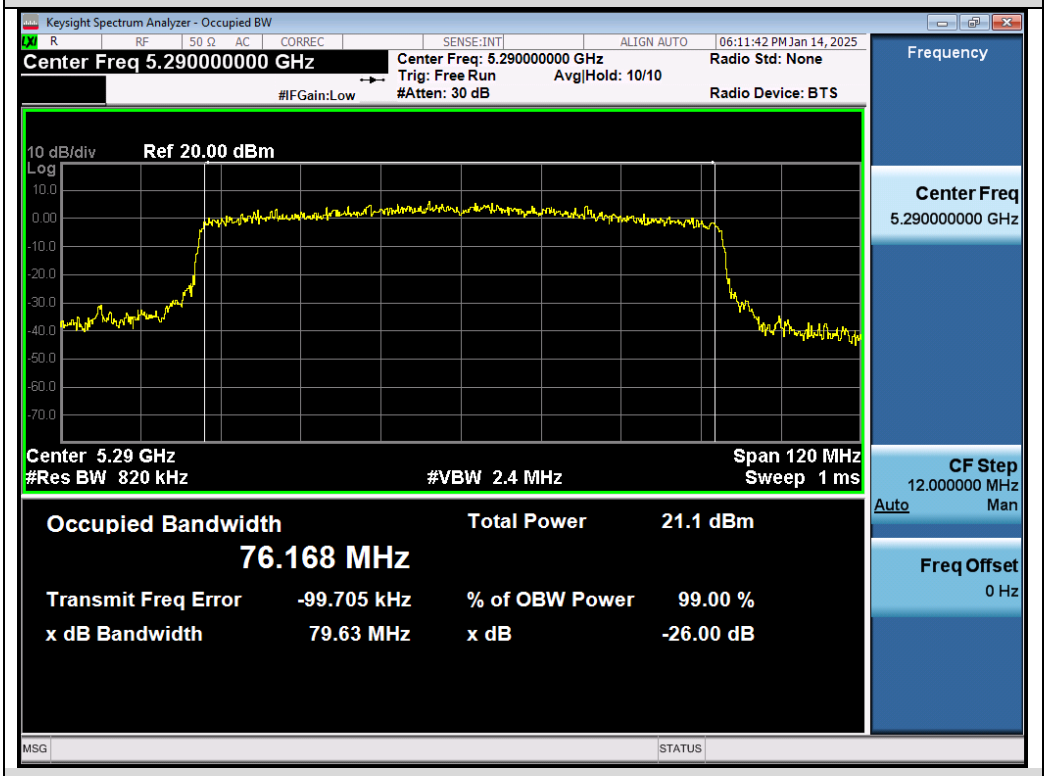

Test_Graph_802.11ax80_Chain A_5290_MCS0_OBW

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