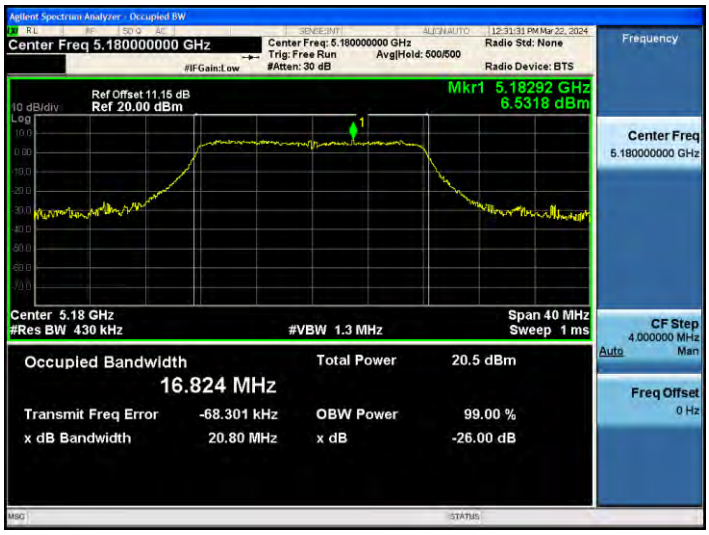
	Ant1	5500	17.806	5491.0747	5508.8807	---	---
	Ant2	5500	17.682	5491.1227	5508.8047	---	---
	Ant1	5580	17.801	5571.0593	5588.8603	---	---
	Ant2	5580	17.710	5571.0999	5588.8099	---	---
	Ant1	5700	17.774	5691.0385	5708.8125	---	---
	Ant2	5700	17.708	5691.0824	5708.7904	---	---
	Ant1	5745	17.784	5736.0646	5753.8486	---	---
	Ant2	5745	17.786	5736.0546	5753.8406	---	---
	Ant1	5785	17.812	5776.0296	5793.8416	---	---
	Ant2	5785	17.707	5776.1016	5793.8086	---	---
	Ant1	5825	17.811	5816.0707	5833.8817	---	---
	Ant2	5825	17.689	5816.1093	5833.7983	---	---
11N40MIMO	Ant1	5190	36.896	5171.4733	5208.3693	---	---
	Ant2	5190	36.846	5171.4952	5208.3412	---	---
	Ant1	5230	36.831	5211.5458	5248.3768	---	---
	Ant2	5230	36.735	5211.6459	5248.3809	---	---
	Ant1	5270	36.910	5251.5102	5288.4202	---	---
	Ant2	5270	36.793	5251.5903	5288.3833	---	---
	Ant1	5310	36.907	5291.4381	5328.3451	---	---
	Ant2	5310	36.788	5291.5662	5328.3542	---	---
	Ant1	5510	36.909	5491.6404	5528.5494	---	---
	Ant2	5510	36.790	5491.6139	5528.4039	---	---
	Ant1	5590	36.901	5571.5768	5608.4778	---	---
	Ant2	5590	36.746	5571.6104	5608.3564	---	---
	Ant1	5670	36.897	5651.4740	5688.3710	---	---
	Ant2	5670	36.833	5651.5462	5688.3792	---	---
	Ant1	5755	36.830	5736.5609	5773.3909	---	---
	Ant2	5755	36.713	5736.5847	5773.2977	---	---
	Ant1	5795	36.967	5776.4739	5813.4409	---	---
	Ant2	5795	36.862	5776.5431	5813.4051	---	---
11AC20MIMO	Ant1	5180	17.866	5170.9521	5188.8181	---	---
	Ant2	5180	17.738	5171.0381	5188.7761	---	---
	Ant1	5220	17.837	5211.0250	5228.8620	---	---
	Ant2	5220	17.732	5211.0912	5228.8232	---	---
	Ant1	5240	17.830	5231.0058	5248.8358	---	---
	Ant2	5240	17.729	5231.0616	5248.7906	---	---
	Ant1	5260	17.849	5250.9755	5268.8245	---	---
	Ant2	5260	17.728	5251.0397	5268.7677	---	---
	Ant1	5300	17.844	5290.9877	5308.8317	---	---

	Ant2	5300	17.738	5291.0677	5308.8057	---	---
	Ant1	5320	17.901	5310.9477	5328.8487	---	---
	Ant2	5320	17.751	5311.0400	5328.7910	---	---
	Ant1	5500	17.818	5491.0519	5508.8699	---	---
	Ant2	5500	17.726	5491.0828	5508.8088	---	---
	Ant1	5580	17.836	5571.0201	5588.8561	---	---
	Ant2	5580	17.724	5571.0646	5588.7886	---	---
	Ant1	5700	17.800	5690.9960	5708.7960	---	---
	Ant2	5700	17.709	5691.0479	5708.7569	---	---
	Ant1	5745	17.803	5736.0354	5753.8384	---	---
	Ant2	5745	17.735	5736.0544	5753.7894	---	---
	Ant1	5785	17.820	5775.9847	5793.8047	---	---
	Ant2	5785	17.721	5776.0645	5793.7855	---	---
	Ant1	5825	17.821	5816.0345	5833.8555	---	---
	Ant2	5825	17.728	5816.0657	5833.7937	---	---
11AC40MIMO	Ant1	5190	36.954	5171.4287	5208.3827	---	---
	Ant2	5190	36.785	5171.5118	5208.2968	---	---
	Ant1	5230	36.842	5211.5218	5248.3638	---	---
	Ant2	5230	36.756	5211.6392	5248.3952	---	---
	Ant1	5270	36.877	5251.5588	5288.4358	---	---
	Ant2	5270	36.732	5251.6660	5288.3980	---	---
	Ant1	5310	36.899	5291.4589	5328.3579	---	---
	Ant2	5310	36.744	5291.5833	5328.3273	---	---
	Ant1	5510	36.803	5491.6785	5528.4815	---	---
	Ant2	5510	36.784	5491.6457	5528.4297	---	---
	Ant1	5590	36.879	5571.5677	5608.4467	---	---
	Ant2	5590	36.746	5571.5870	5608.3330	---	---
	Ant1	5670	36.856	5651.5141	5688.3701	---	---
	Ant2	5670	36.806	5651.5756	5688.3816	---	---
	Ant1	5755	36.843	5736.5457	5773.3887	---	---
	Ant2	5755	36.814	5736.5636	5773.3776	---	---
	Ant1	5795	36.966	5776.4503	5813.4163	---	---
	Ant2	5795	36.790	5776.6121	5813.4021	---	---
11AC80MIMO	Ant1	5210	75.771	5172.0759	5247.8469	---	---
	Ant2	5210	75.550	5172.1935	5247.7435	---	---
	Ant1	5290	75.449	5252.1404	5327.5894	---	---
	Ant2	5290	75.275	5252.3171	5327.5921	---	---
	Ant1	5530	75.418	5492.3639	5567.7819	---	---
	Ant2	5530	75.280	5492.3610	5567.6410	---	---

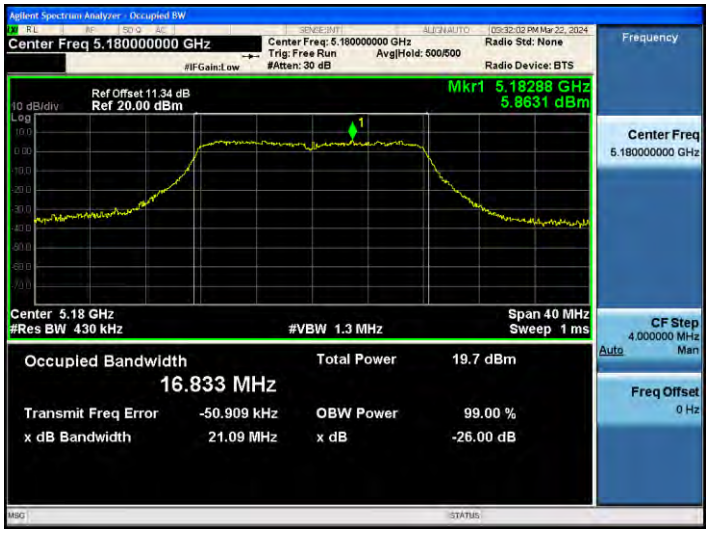
	Ant1	5610	75.393	5572.1944	5647.5874	---	---
	Ant2	5610	75.169	5572.3218	5647.4908	---	---
	Ant1	5775	75.509	5737.1253	5812.6343	---	---
	Ant2	5775	75.381	5737.2493	5812.6303	---	---

Test Graphs

11A_Ant1_5180



11A_Ant2_5180

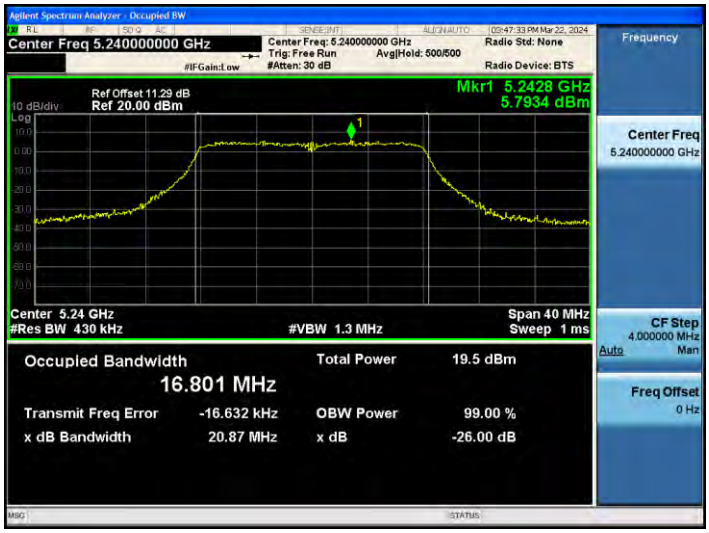


11A_Ant1_5220

11A_Ant2_5220

11A_Ant1_5240

11A_Ant2_5240



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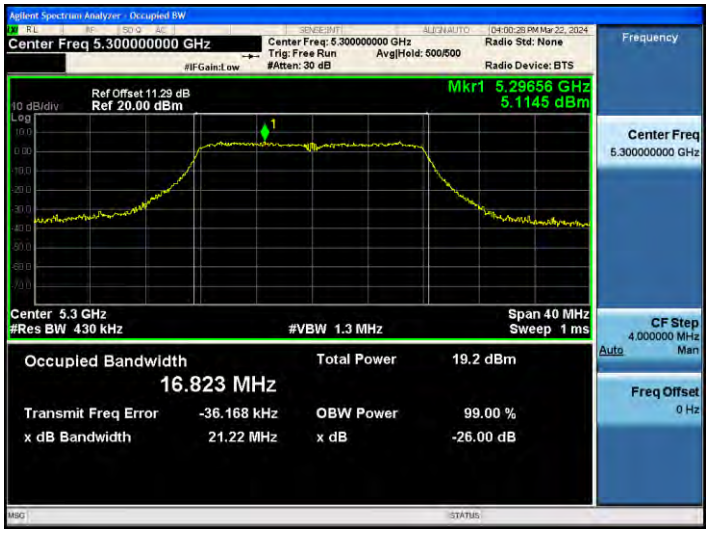
11A_Ant2_5260

11A_Ant1_5300

11A_Ant2_5300



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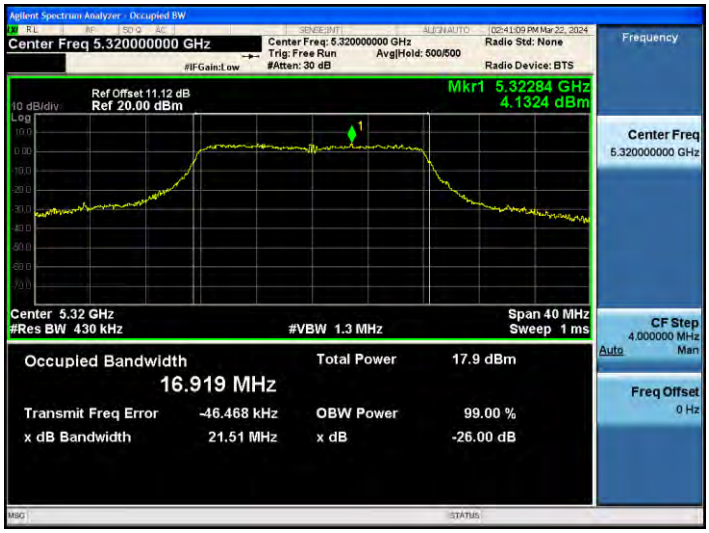

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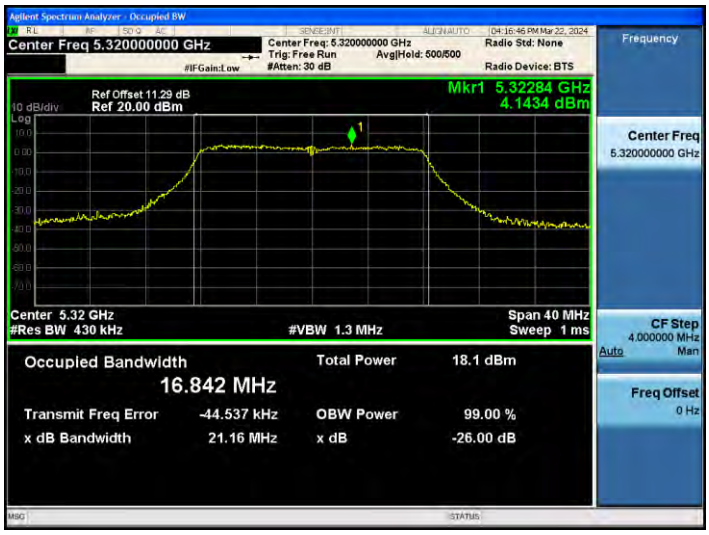

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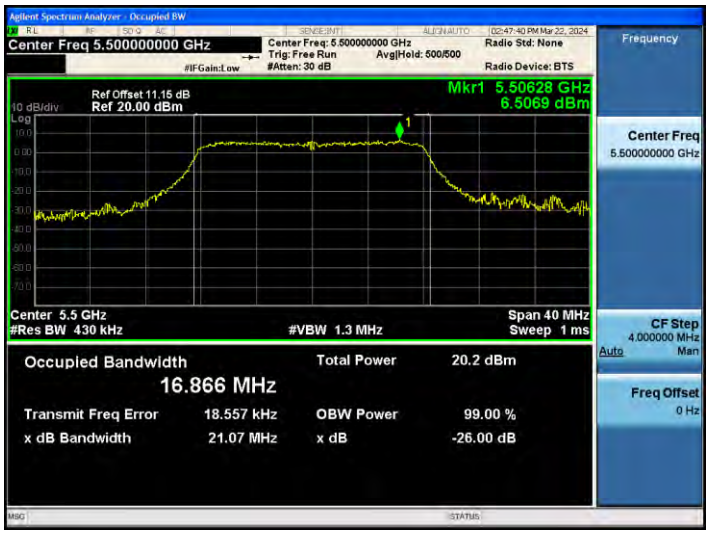
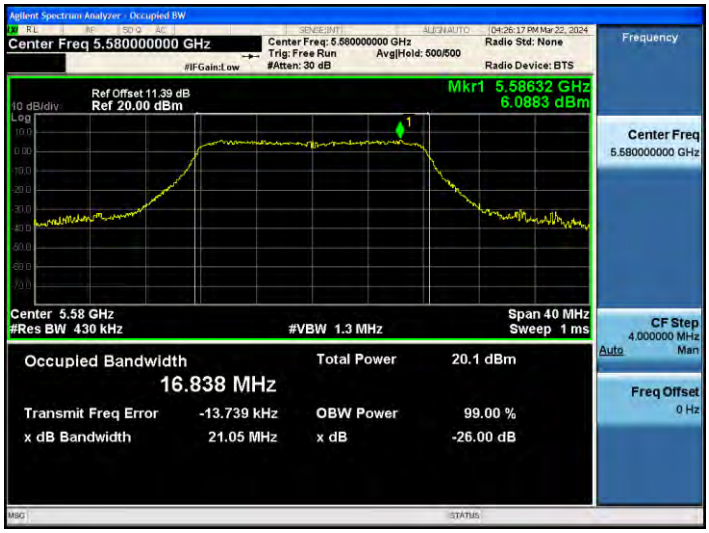


11A_Ant2_5500

11A_Ant1_5580

11A_Ant2_5580



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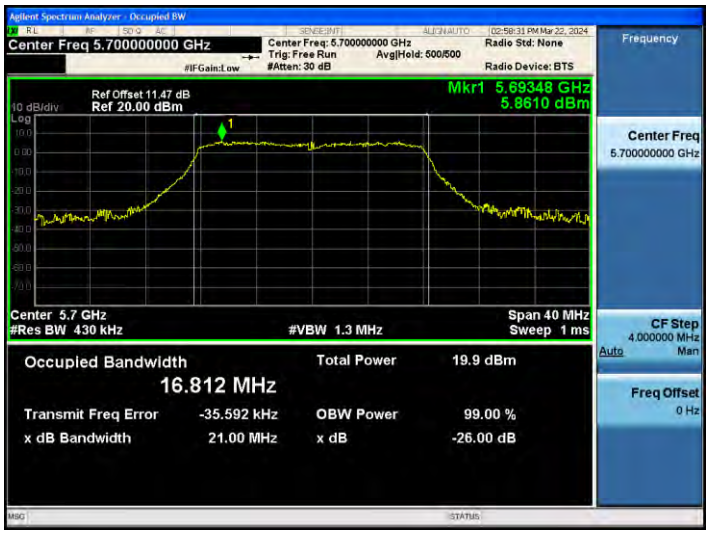

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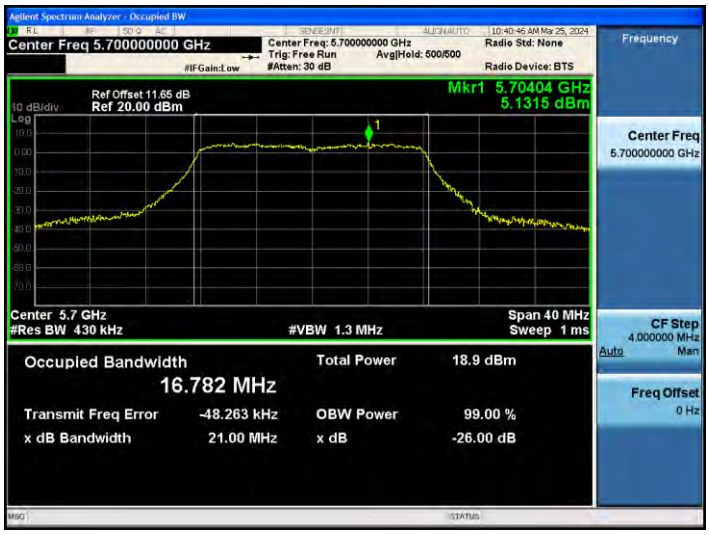

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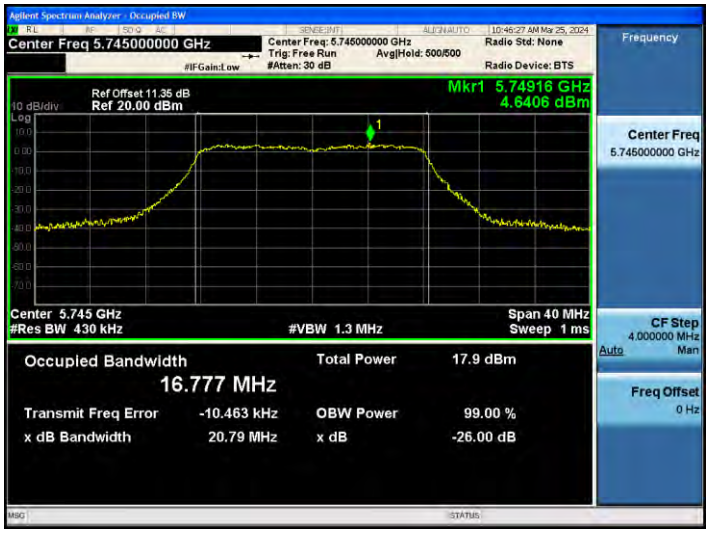
11A_Ant2_5745



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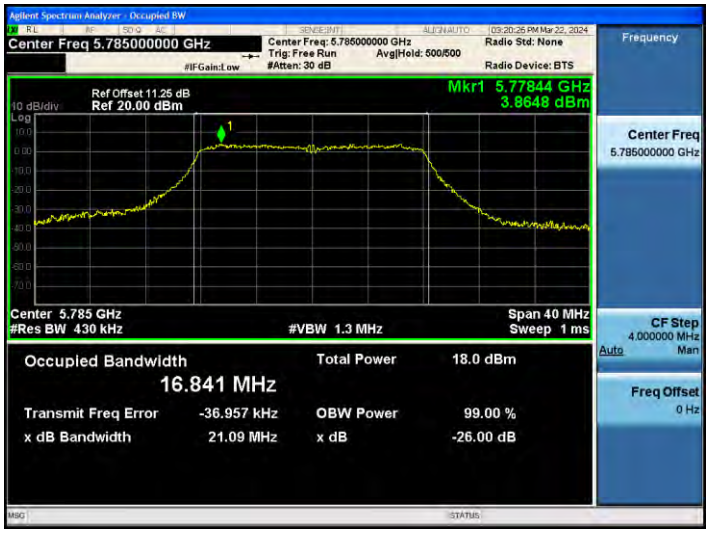

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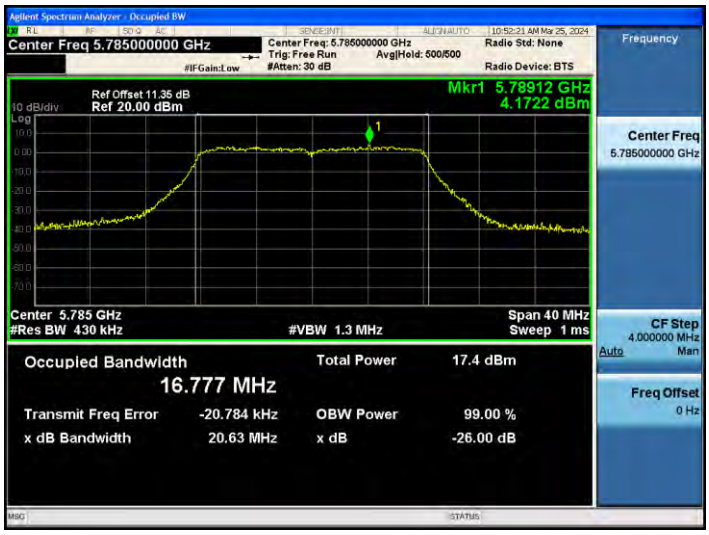

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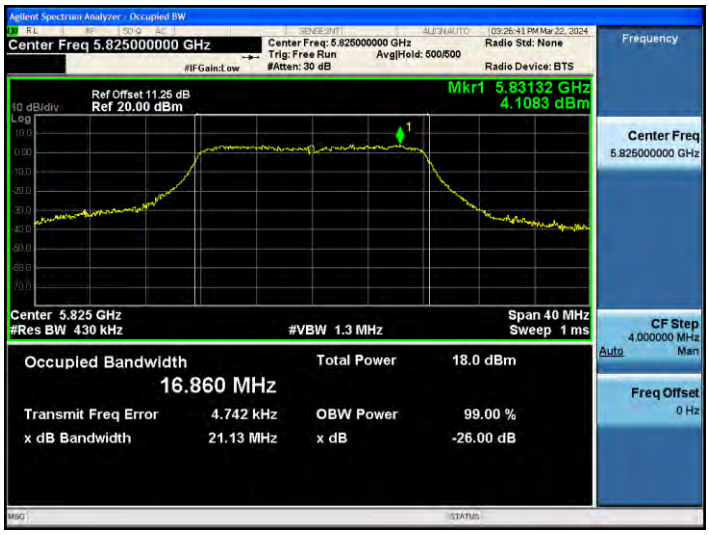

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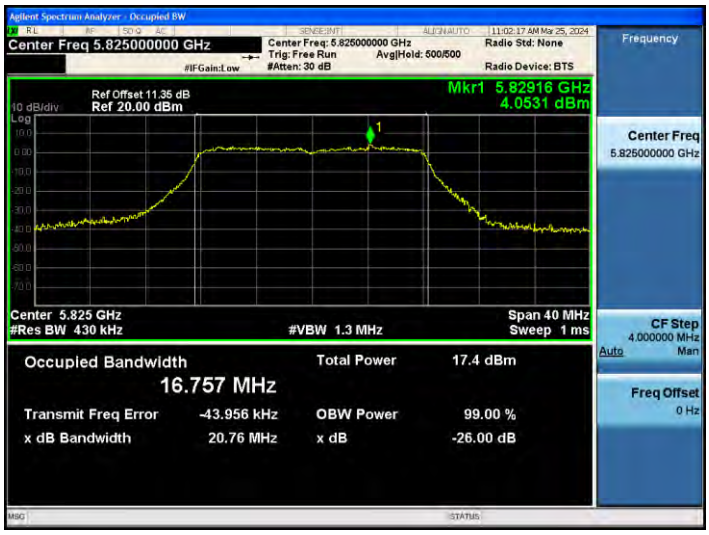
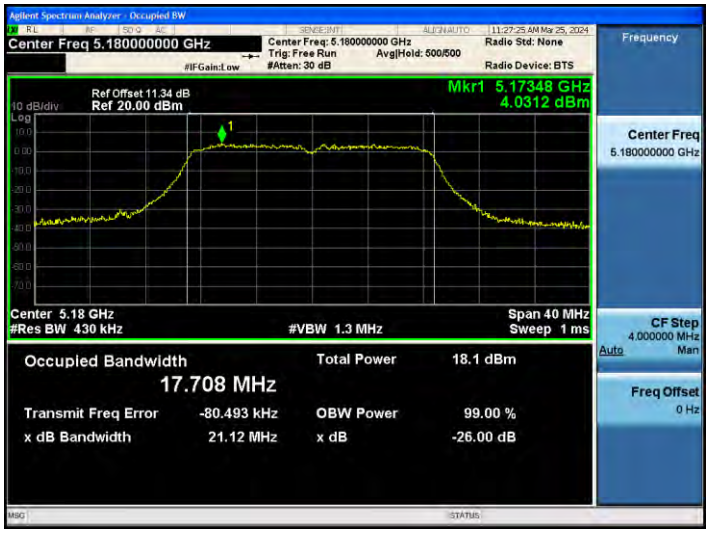


11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180



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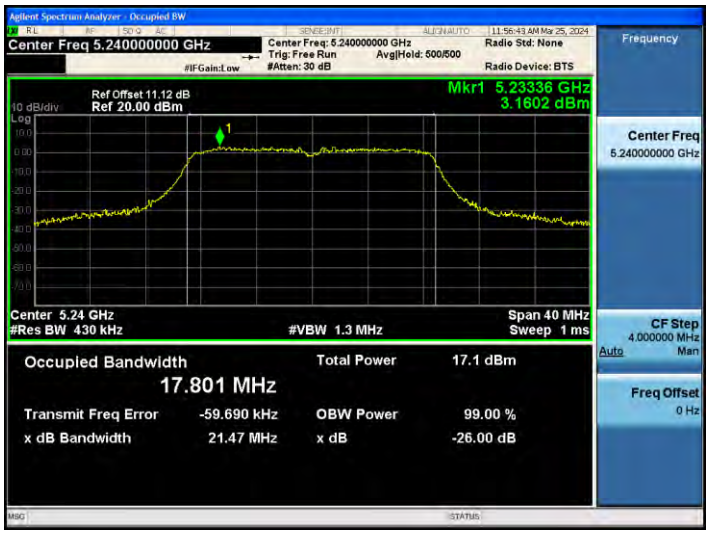
11N20MIMO_Ant2_5220

11N20MIMO_Ant1_5240



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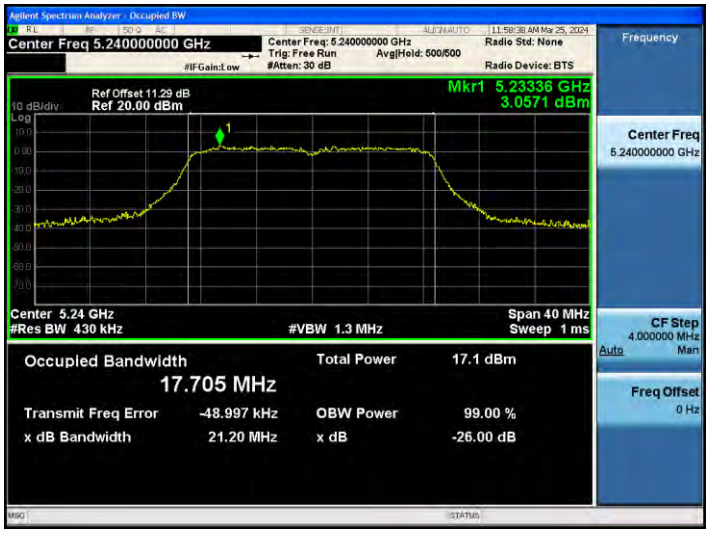

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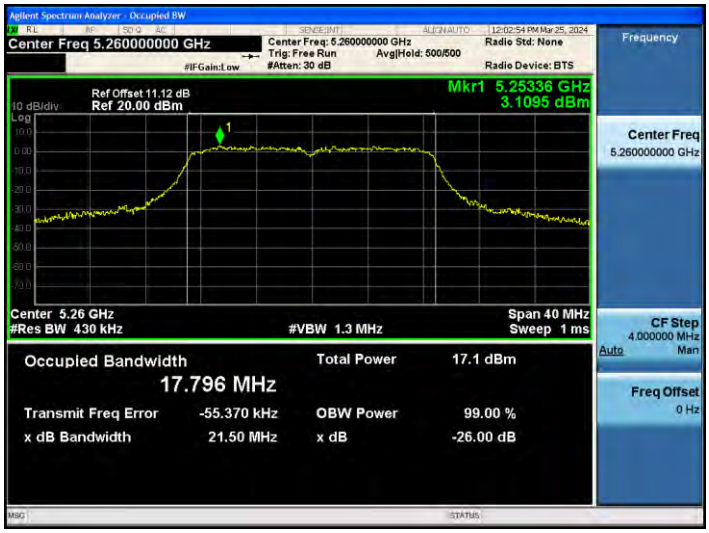

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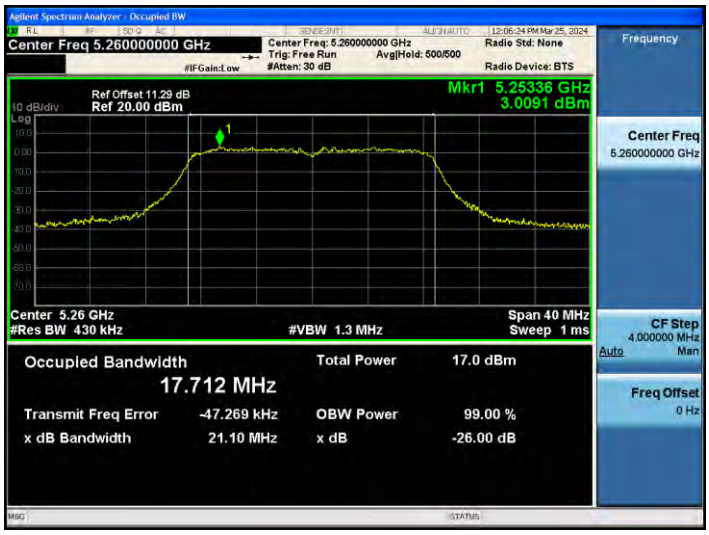

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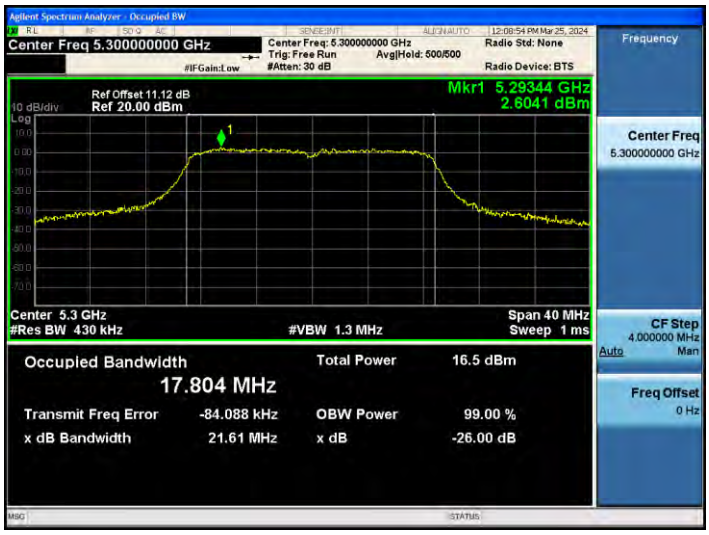

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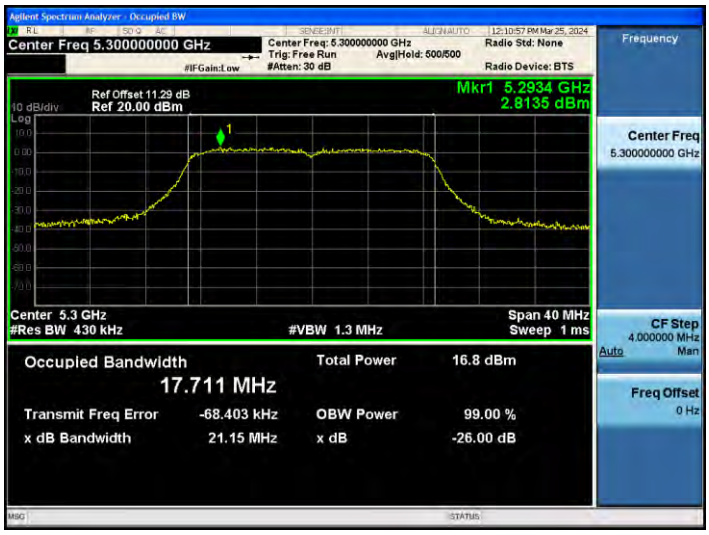

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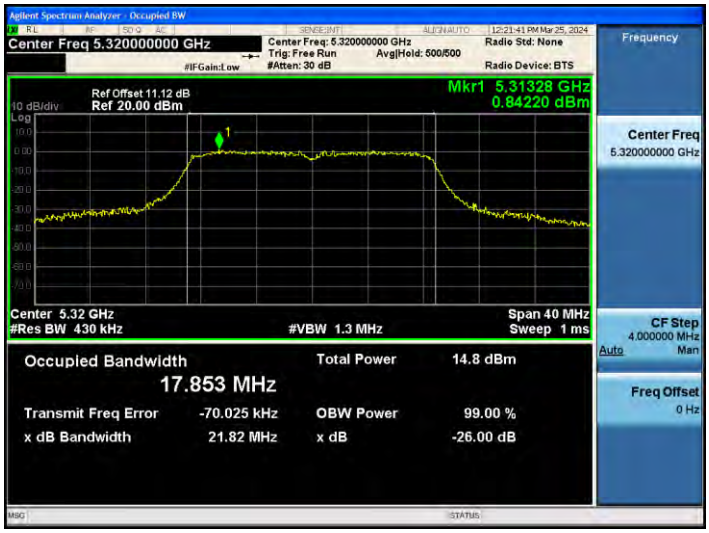

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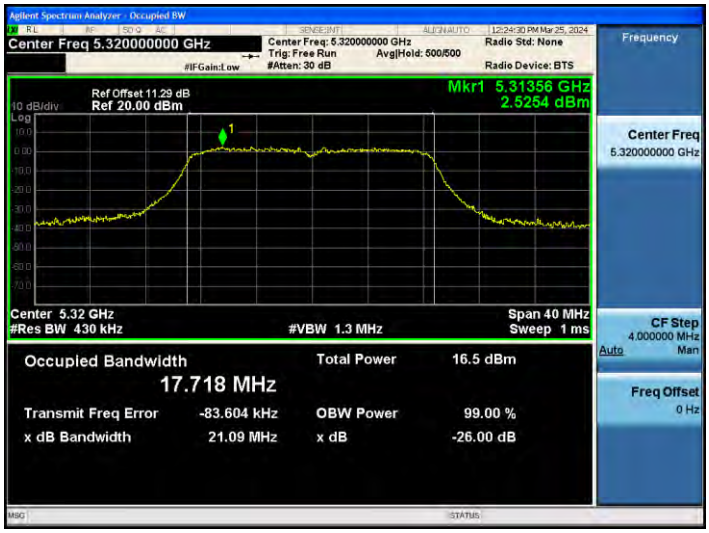

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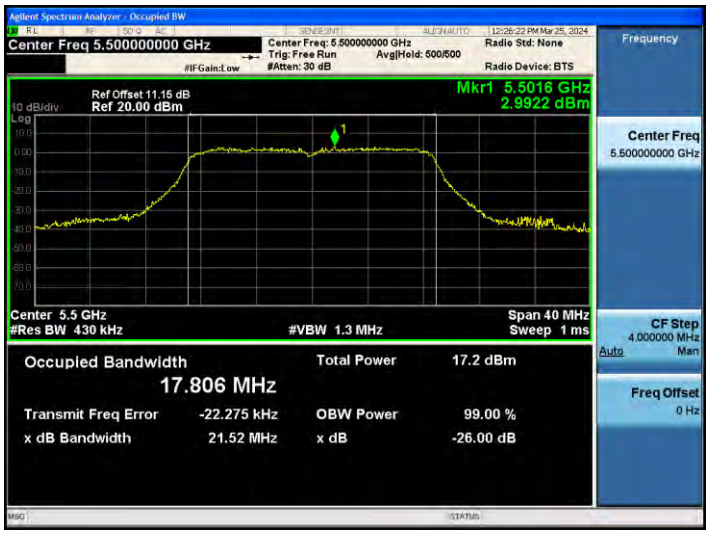

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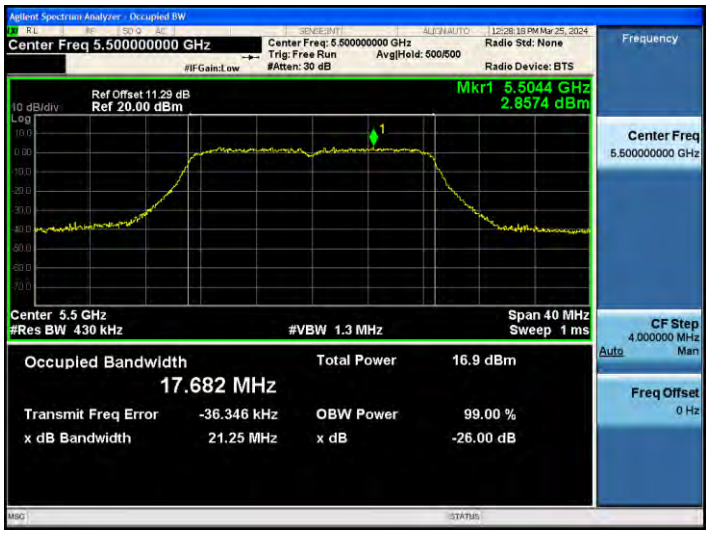

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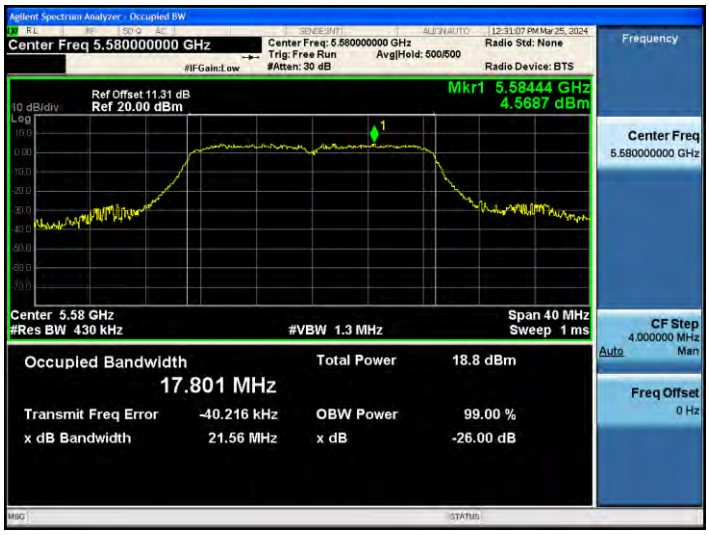

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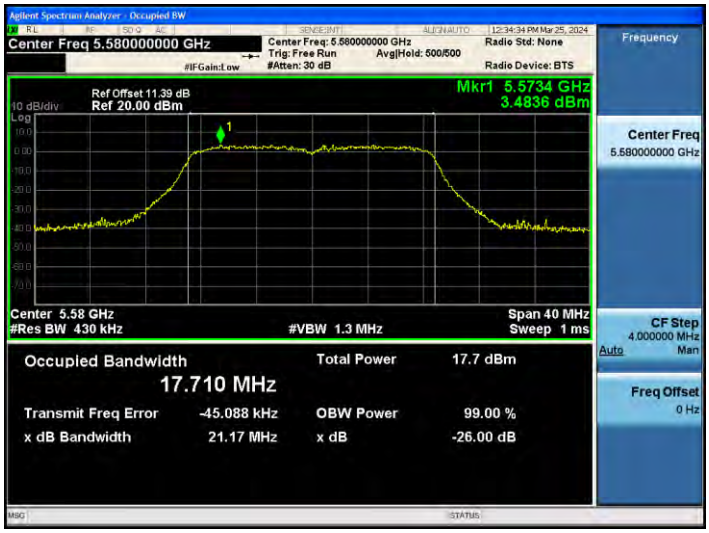

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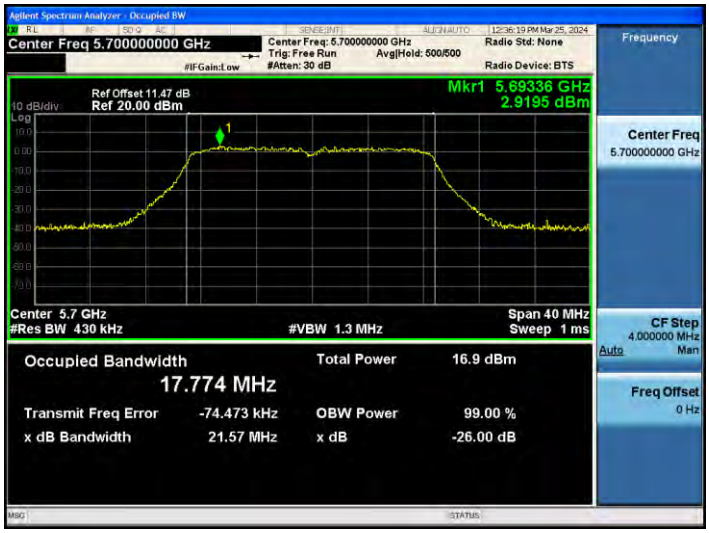

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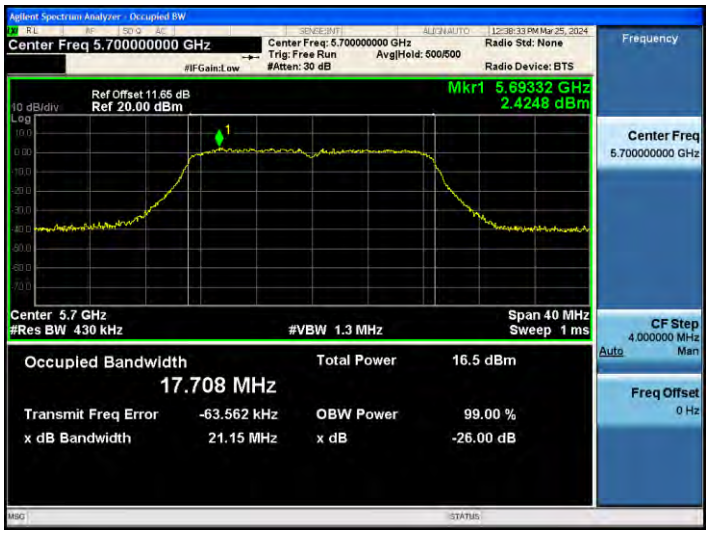

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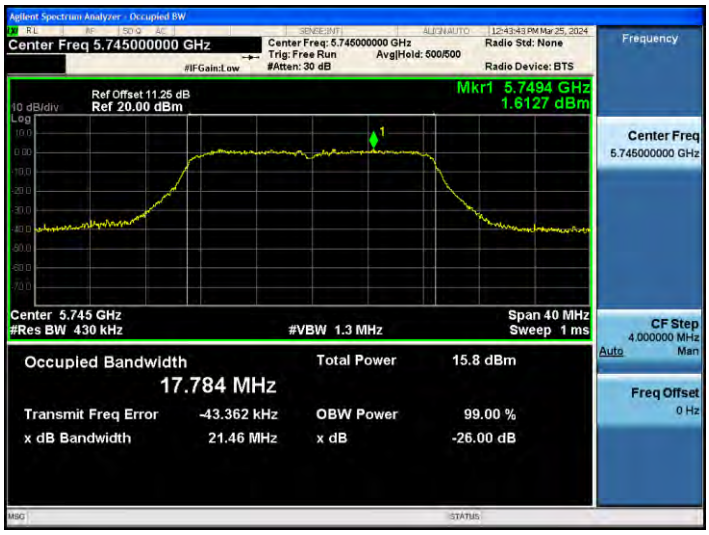

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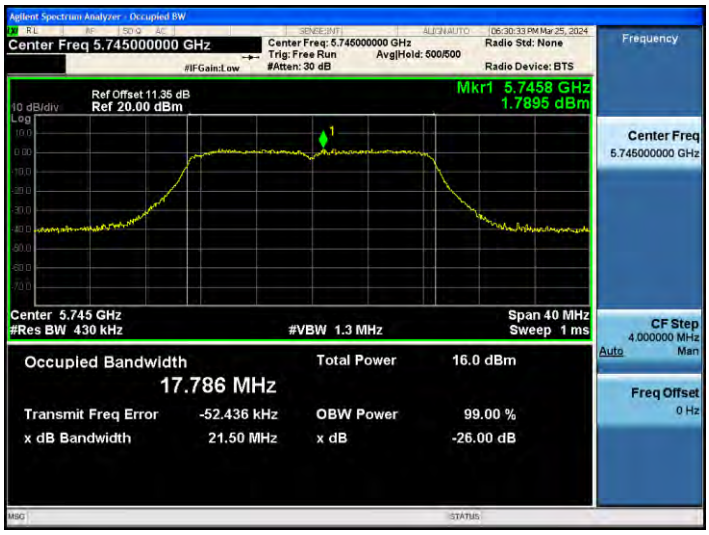

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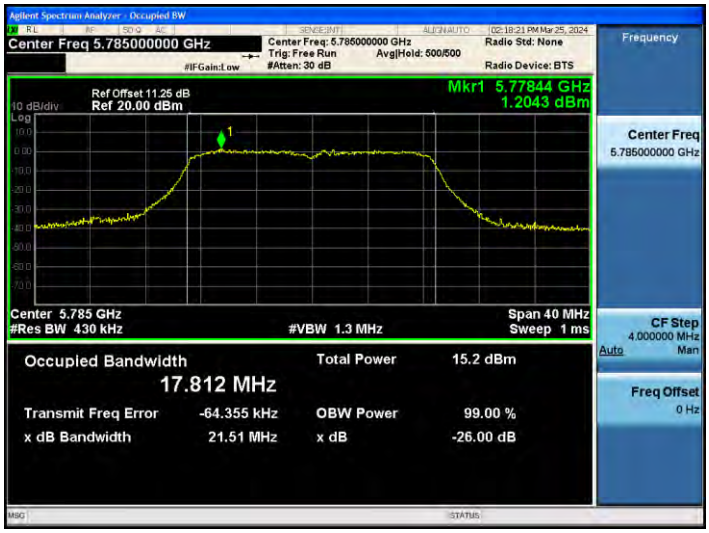

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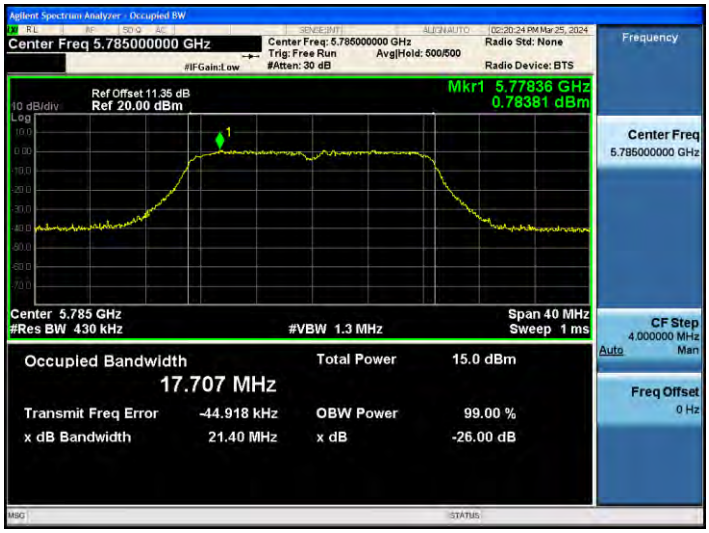

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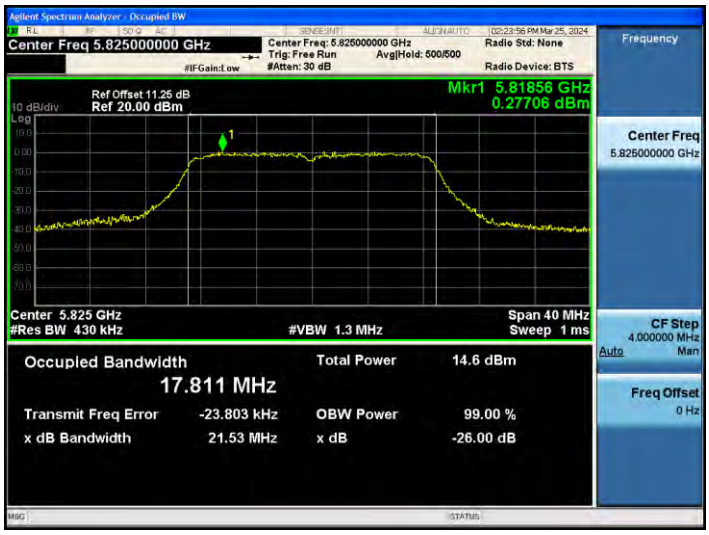

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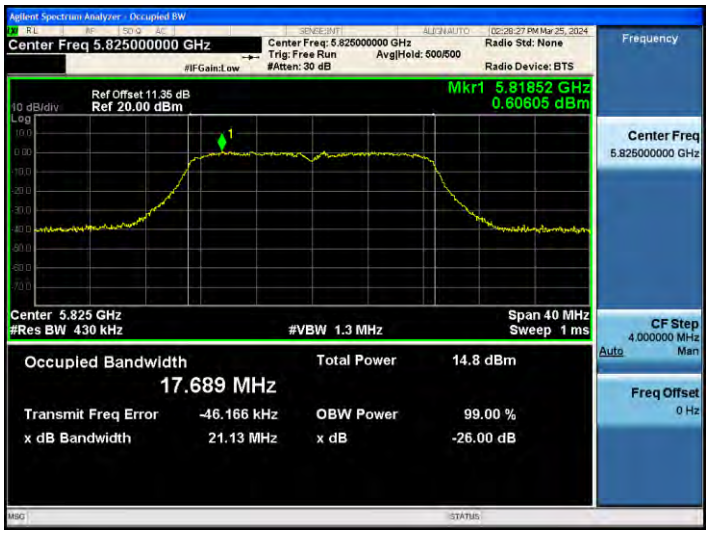

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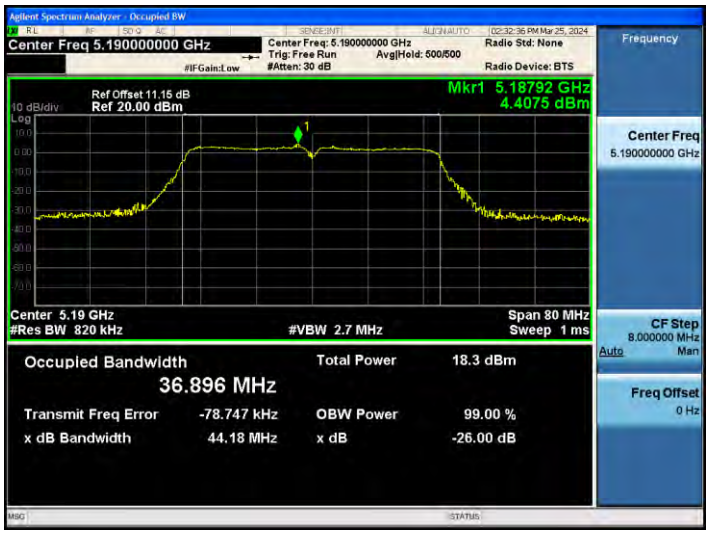

11N40MIMO_Ant2_5190

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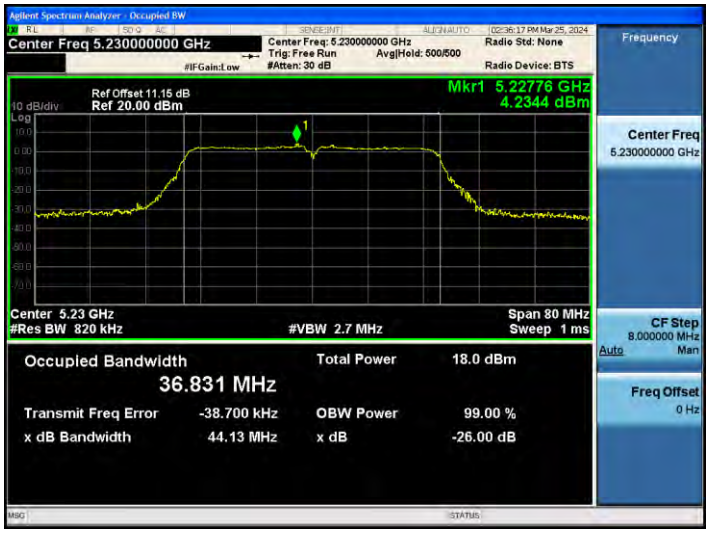

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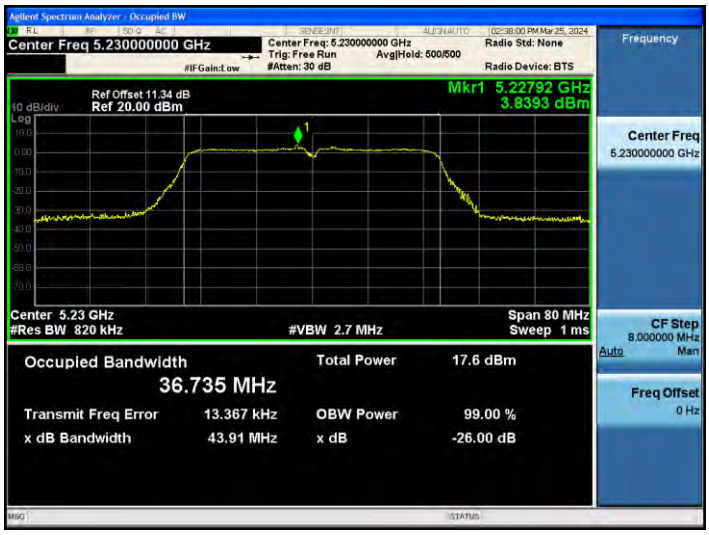
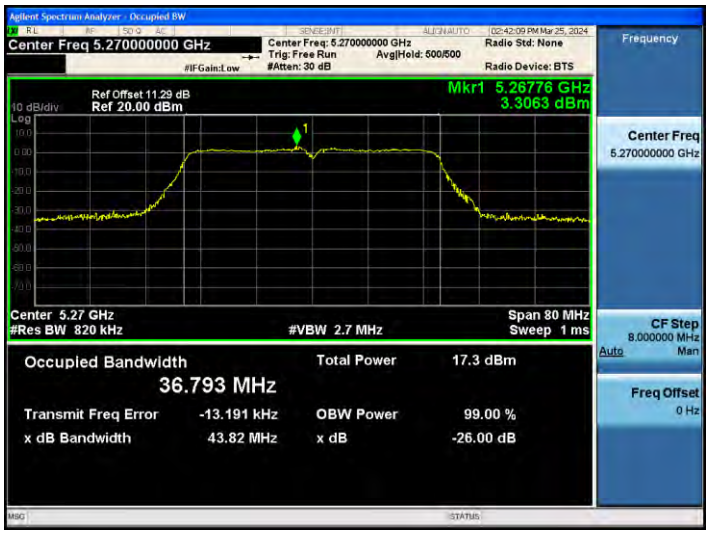


11N40MIMO_Ant1_5270

11N40MIMO_Ant2_5270



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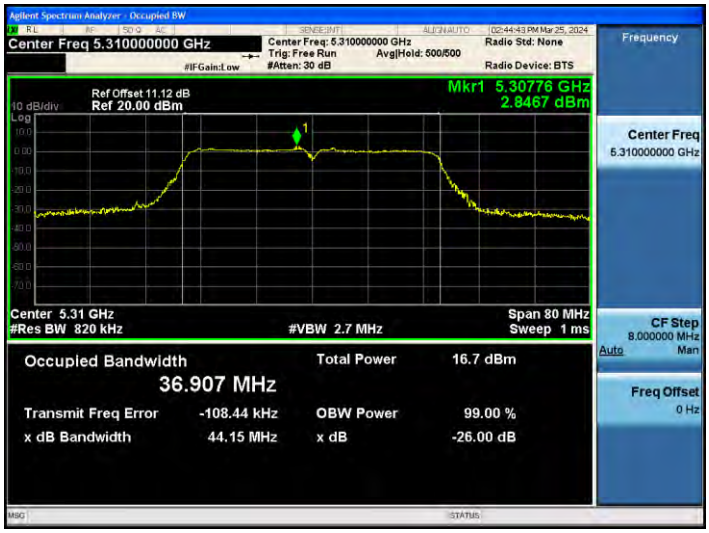

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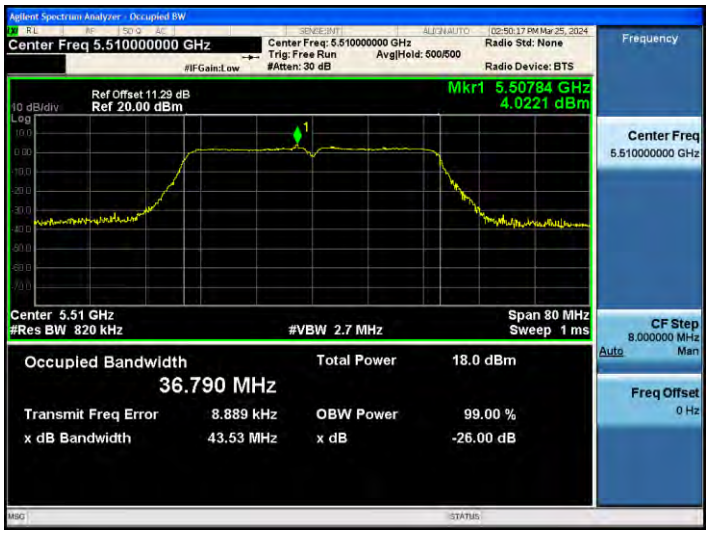

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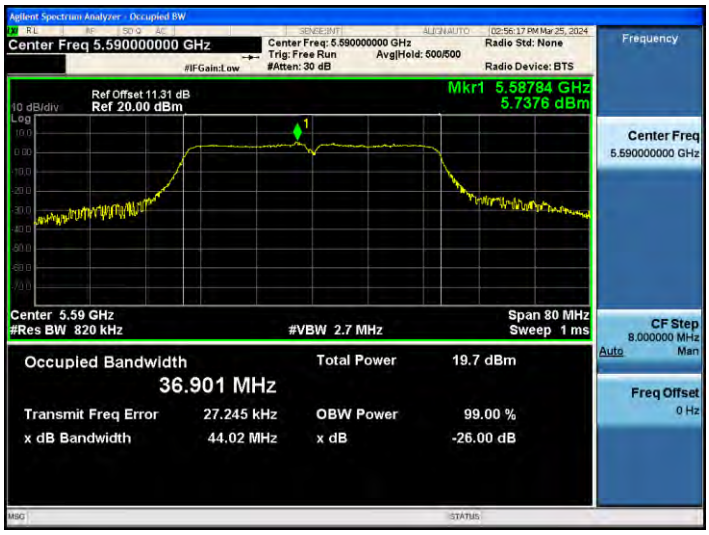

11N40MIMO_Ant2_5590

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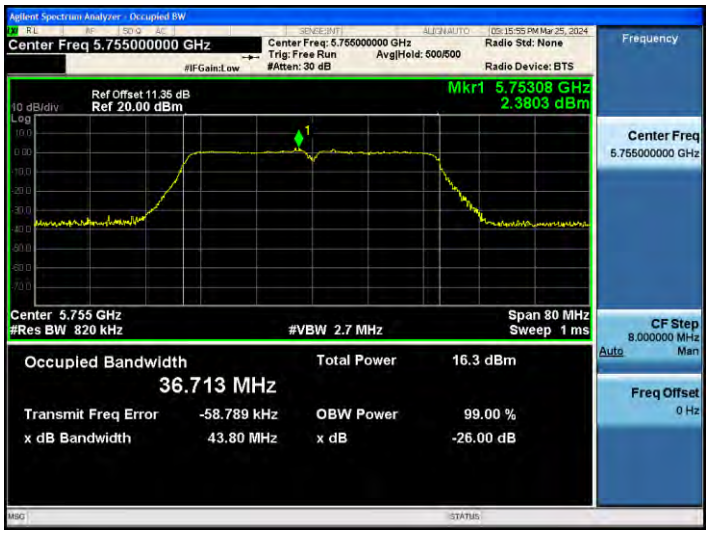
11N40MIMO_Ant2_5670

11N40MIMO_Ant1_5755

11N40MIMO_Ant2_5755



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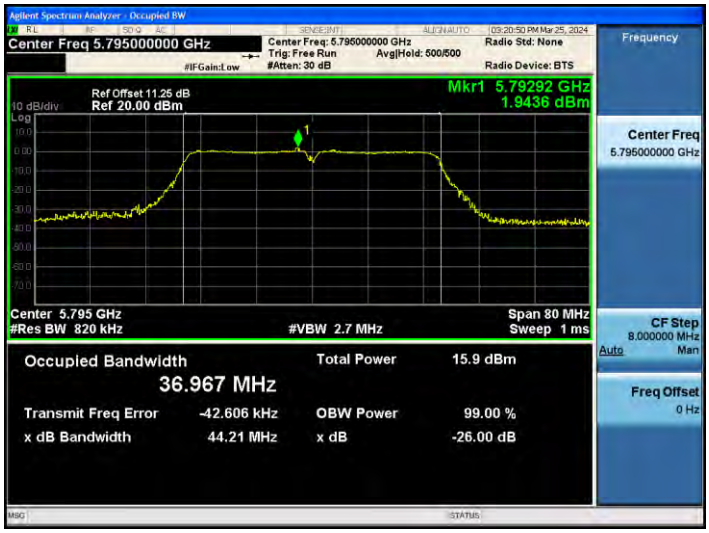

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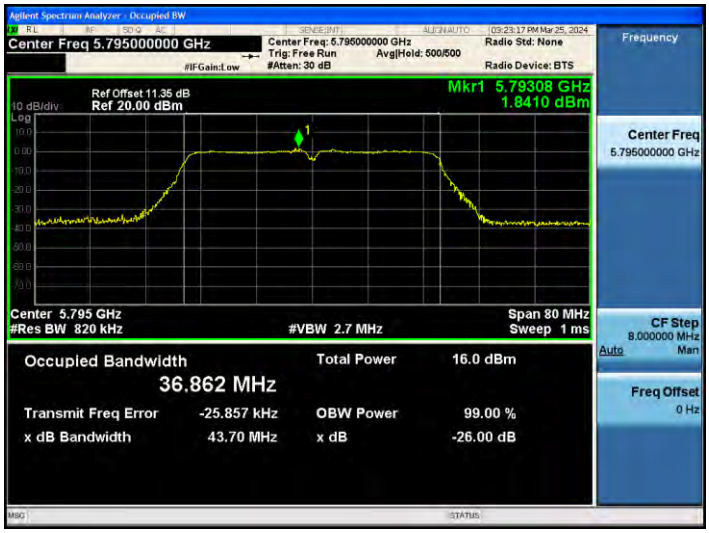

11AC20MIMO_Ant1_5180

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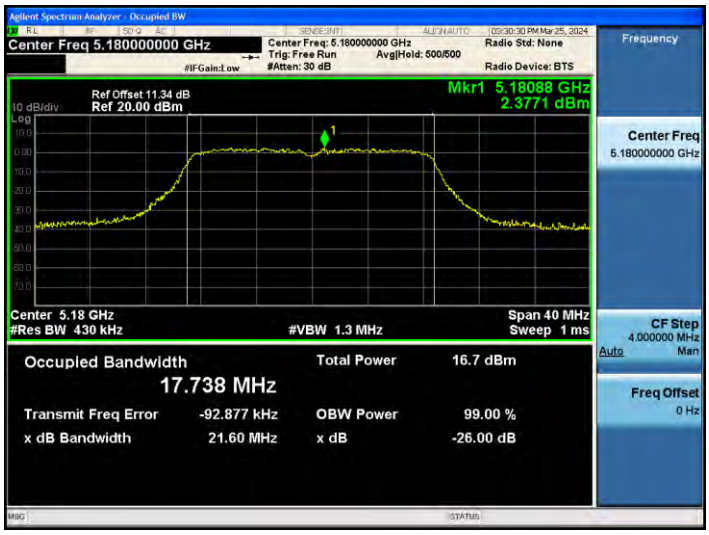

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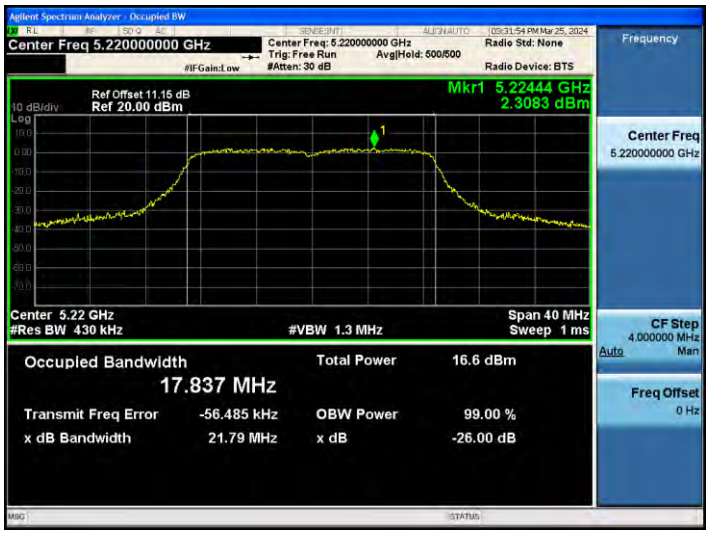

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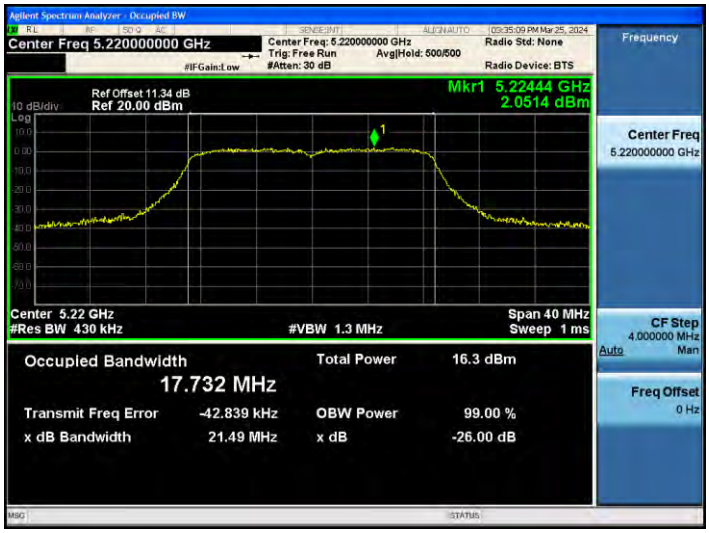
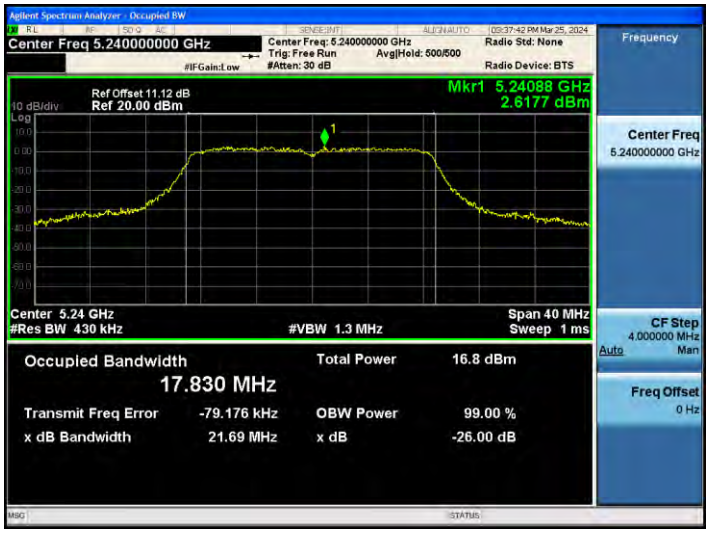
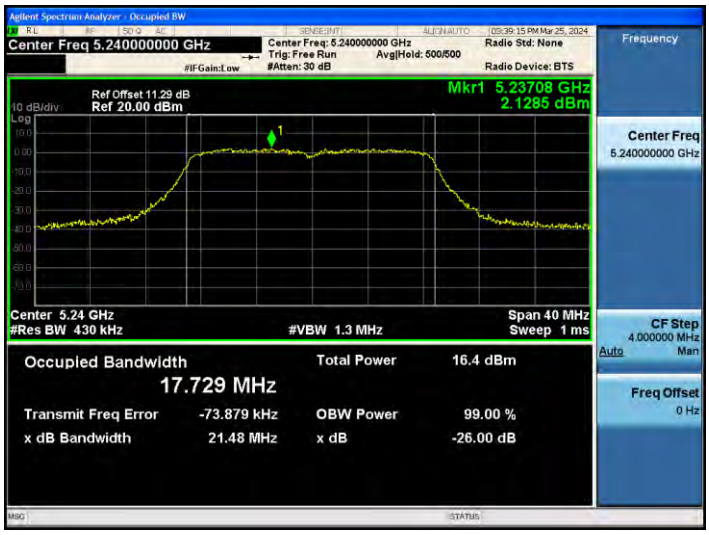


11AC20MIMO_Ant1_5240

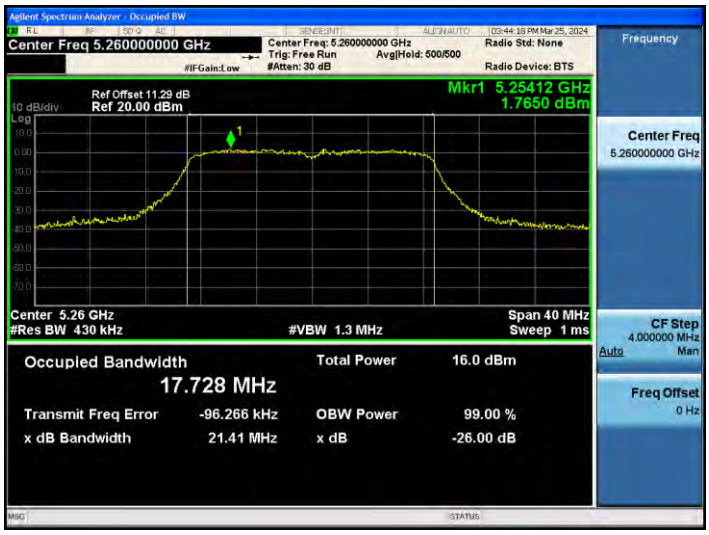


11AC20MIMO_Ant2_5240

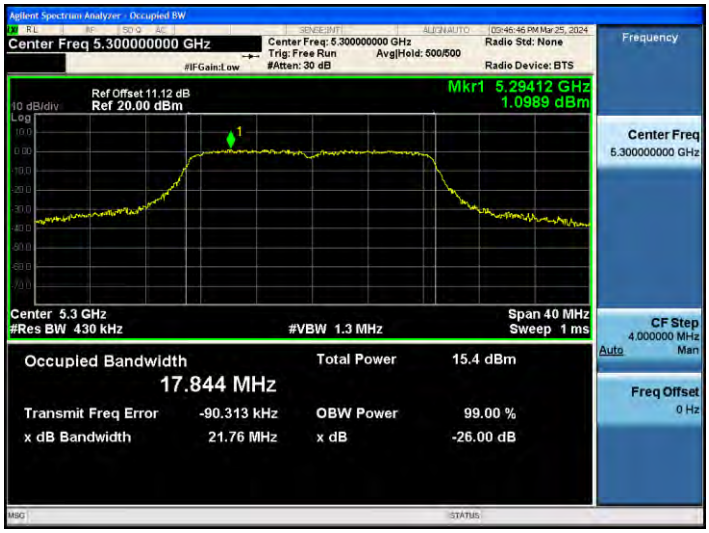


11AC20MIMO_Ant1_5260

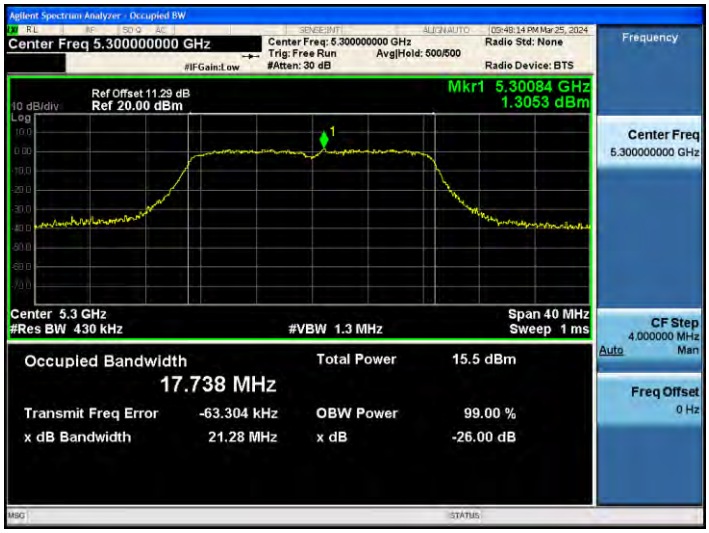
11AC20MIMO_Ant2_5260



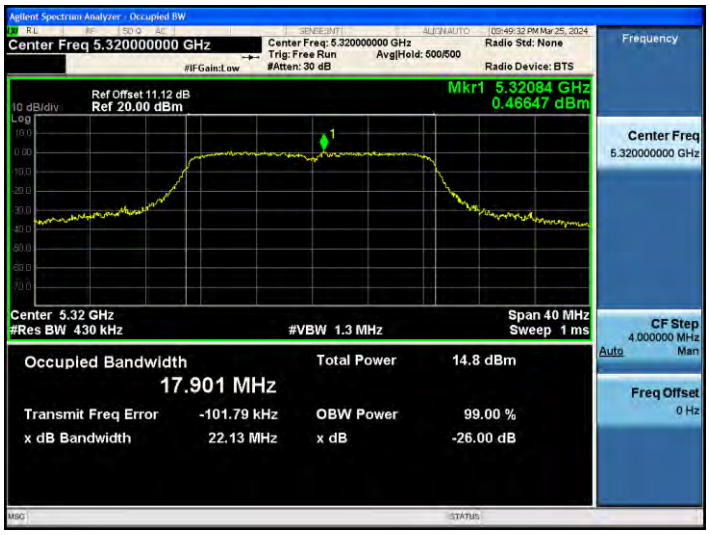
11AC20MIMO_Ant1_5300



11AC20MIMO_Ant2_5300



11AC20MIMO_Ant1_5320



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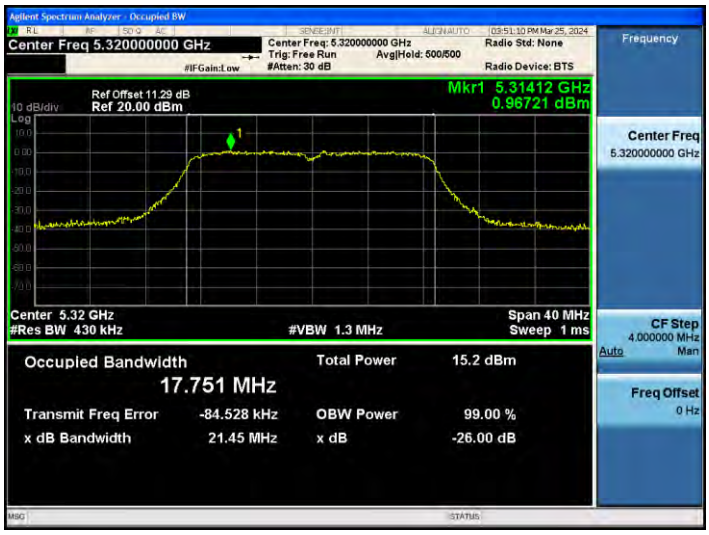
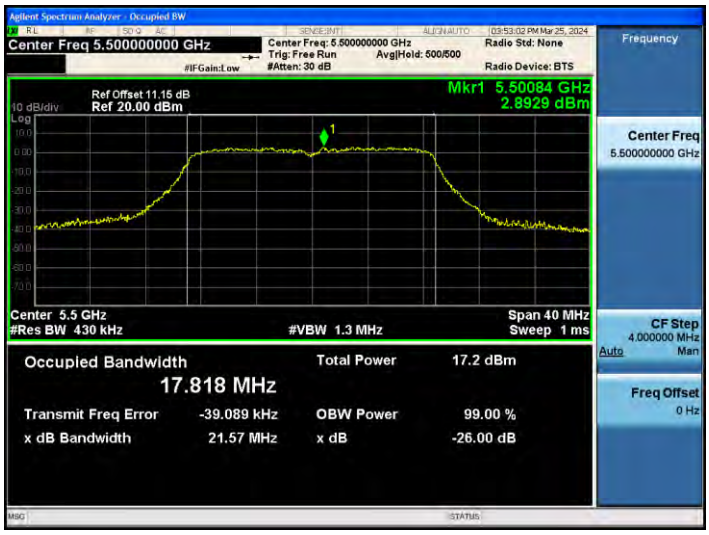


11AC20MIMO_Ant1_5500



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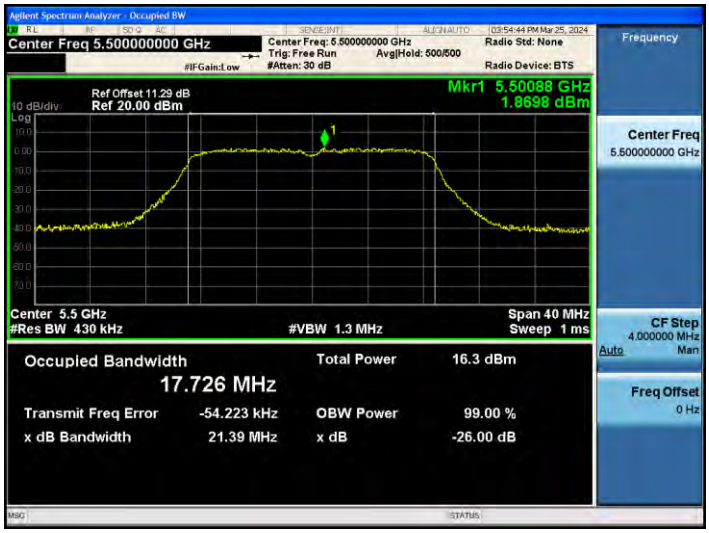
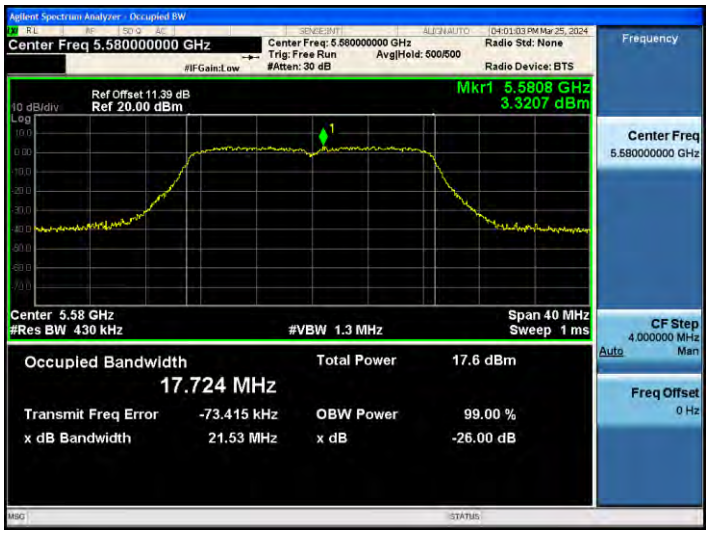


11AC20MIMO_Ant1_5580

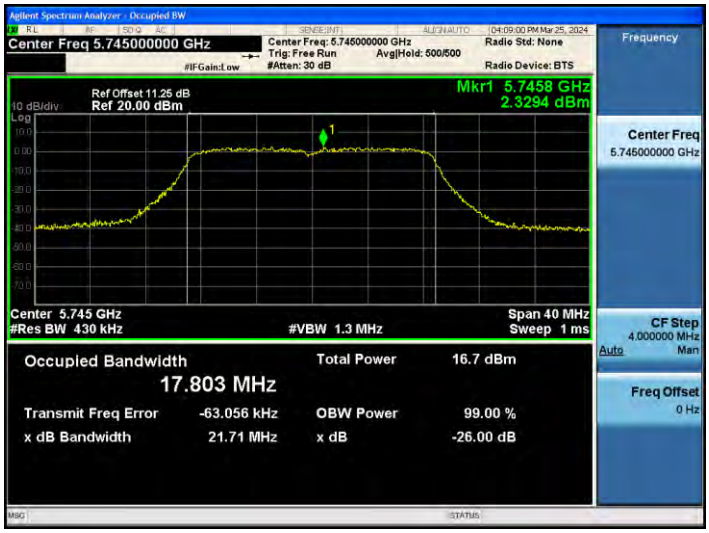
11AC20MIMO_Ant2_5580



11AC20MIMO_Ant1_5700

11AC20MIMO_Ant2_5700

11AC20MIMO_Ant1_5745



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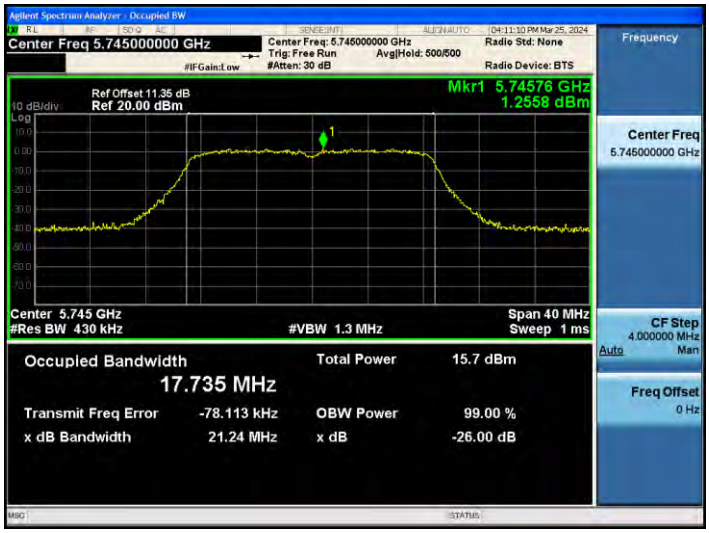
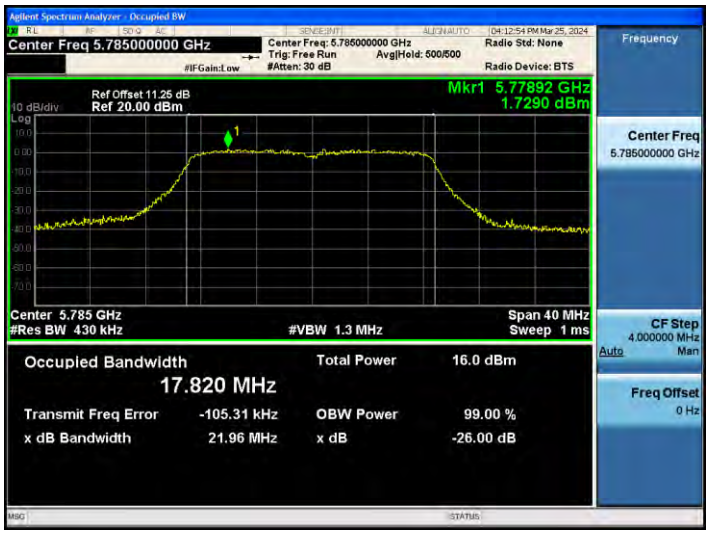


11AC20MIMO_Ant1_5785



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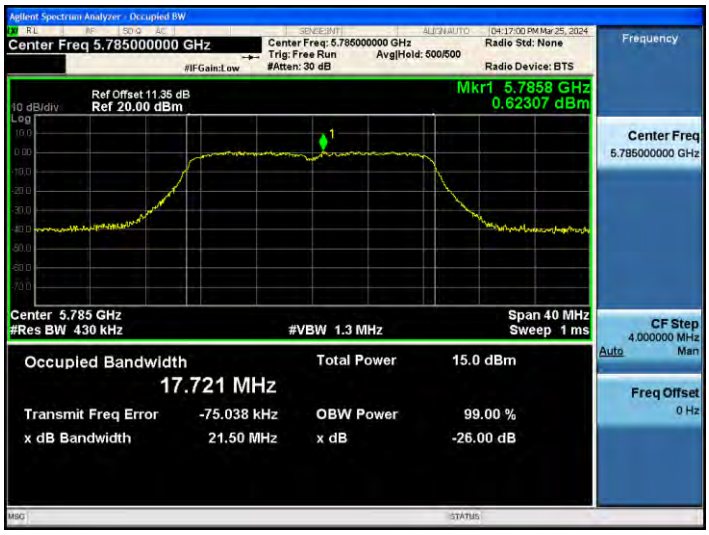
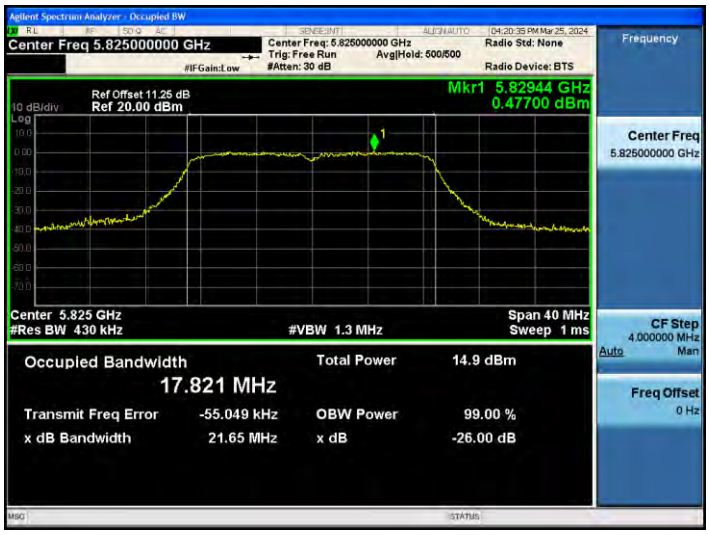


11AC20MIMO_Ant1_5825



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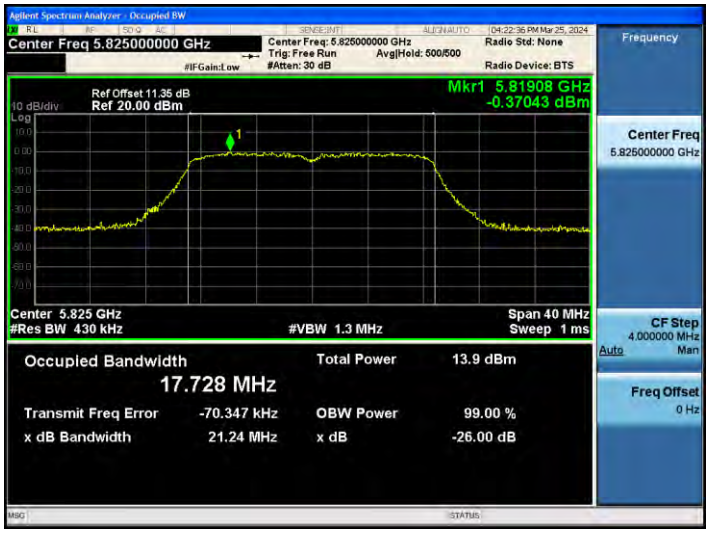
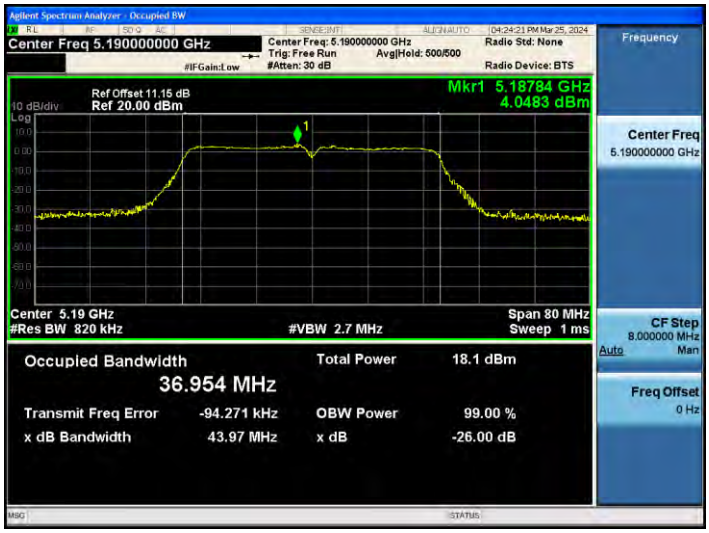


11AC40MIMO_Ant1_5190



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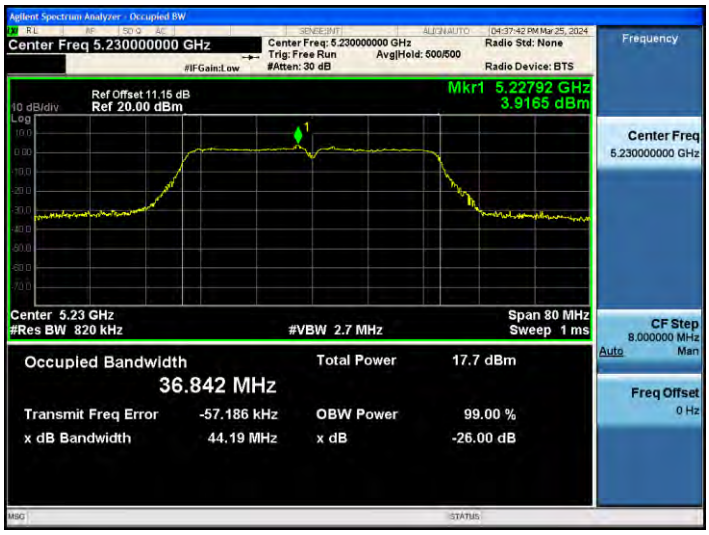
11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230

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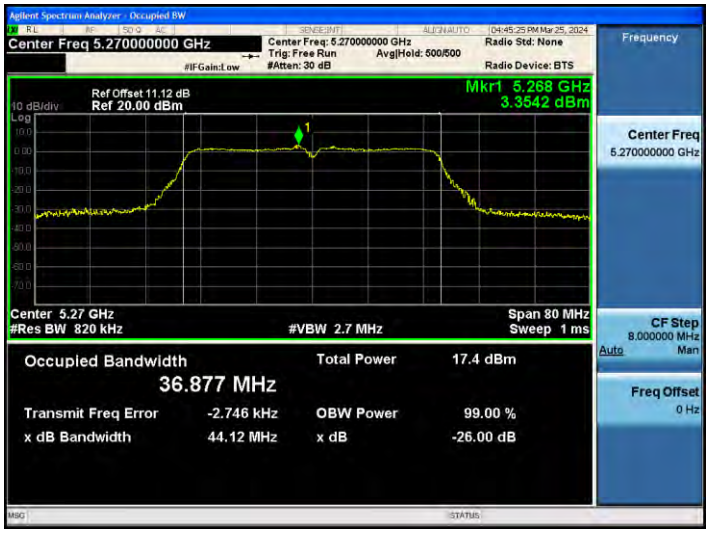

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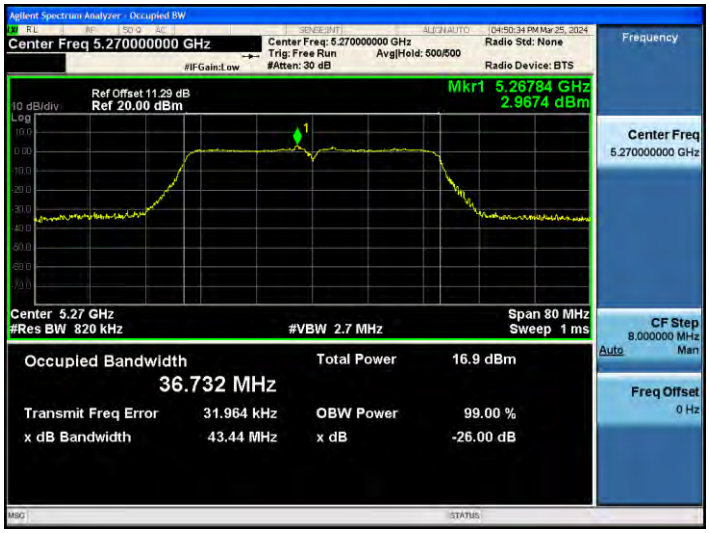

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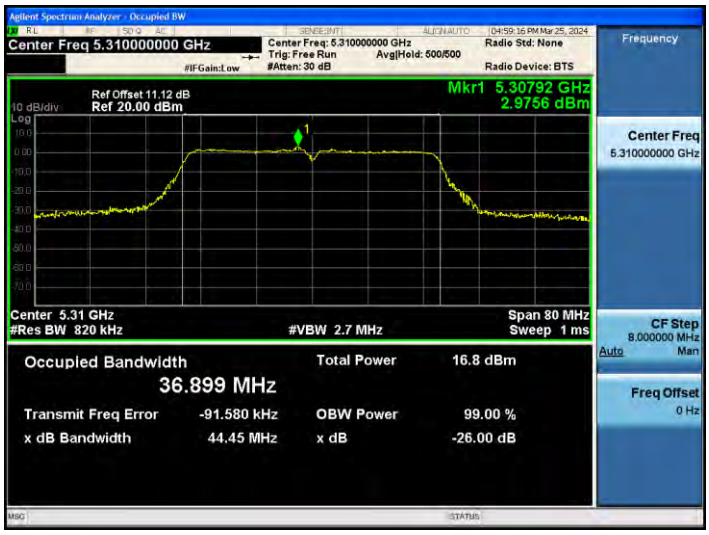

11AC40MIMO_Ant2_5310

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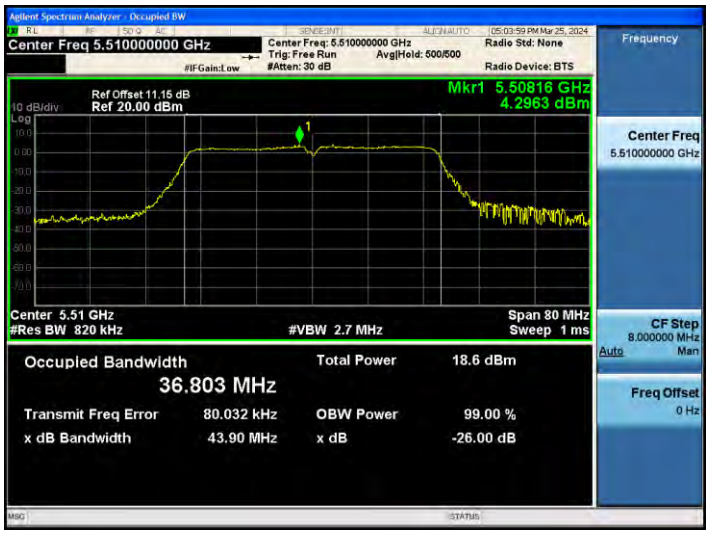
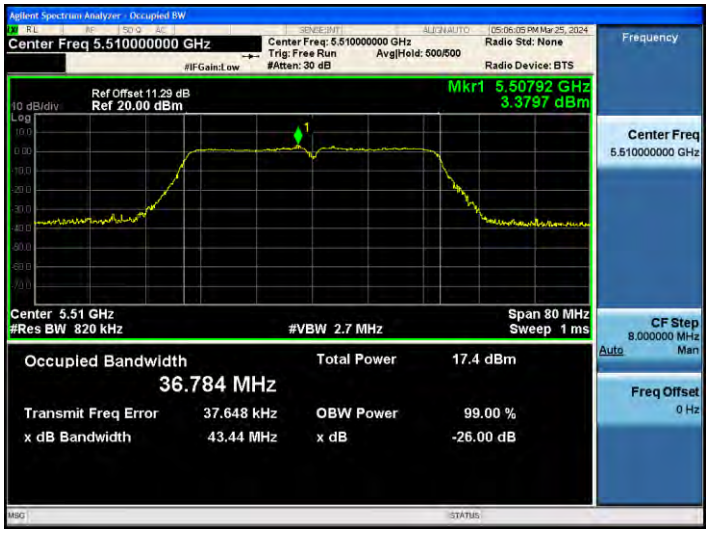


11AC40MIMO_Ant2_5510



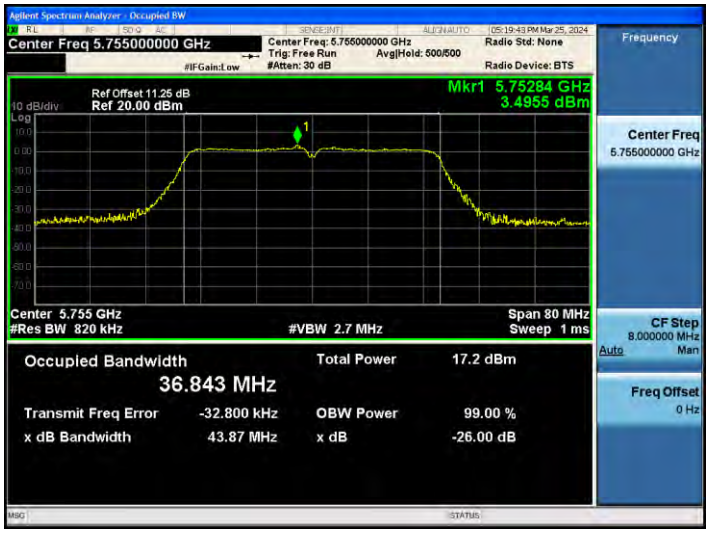
11AC40MIMO_Ant1_5590

11AC40MIMO_Ant2_5590

11AC40MIMO_Ant1_5670

11AC40MIMO_Ant2_5670

11AC40MIMO_Ant1_5755



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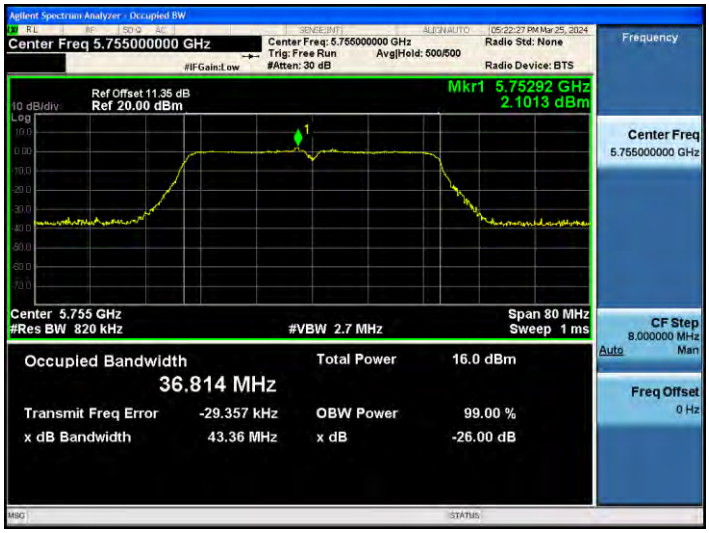

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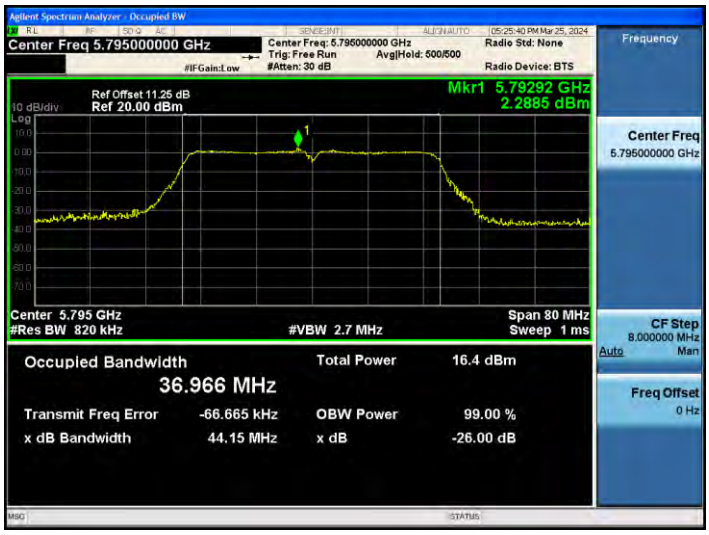

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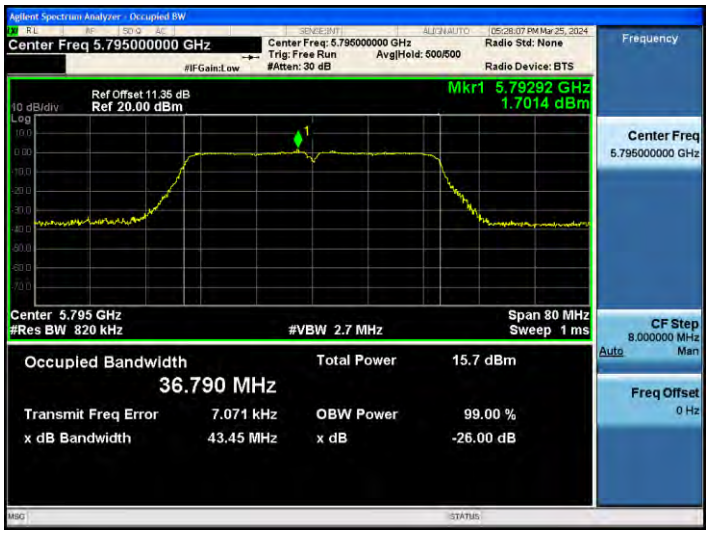
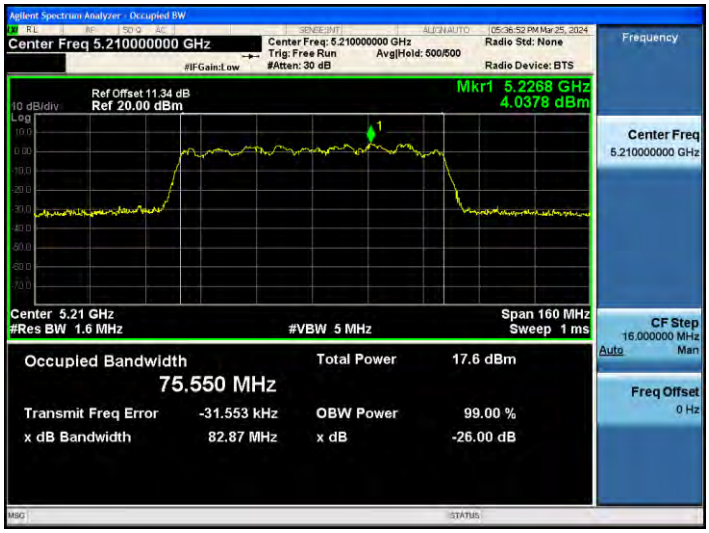


11AC80MIMO_Ant1_5210

11AC80MIMO_Ant2_5210



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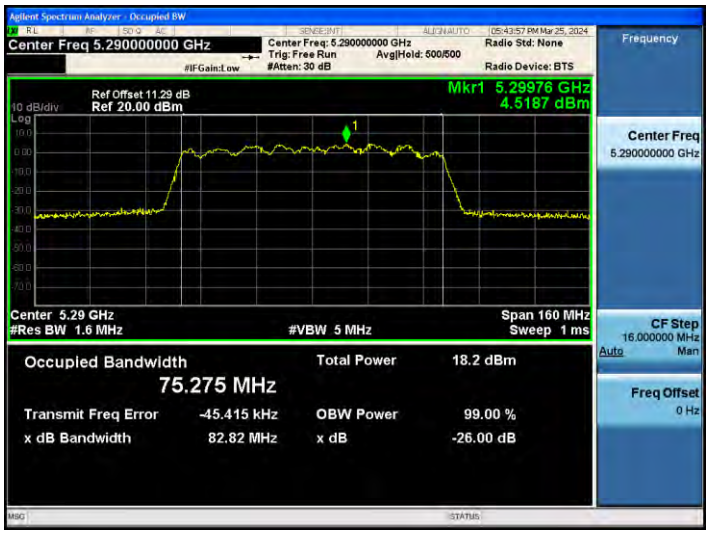
11AC80MIMO_Ant2_5290



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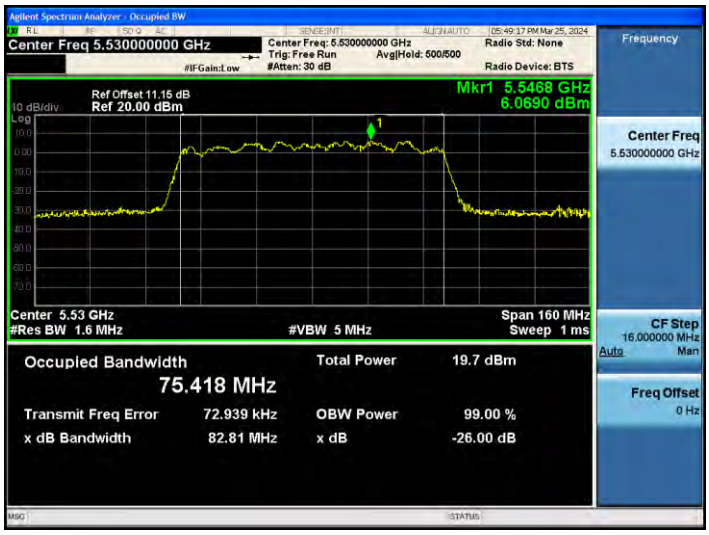
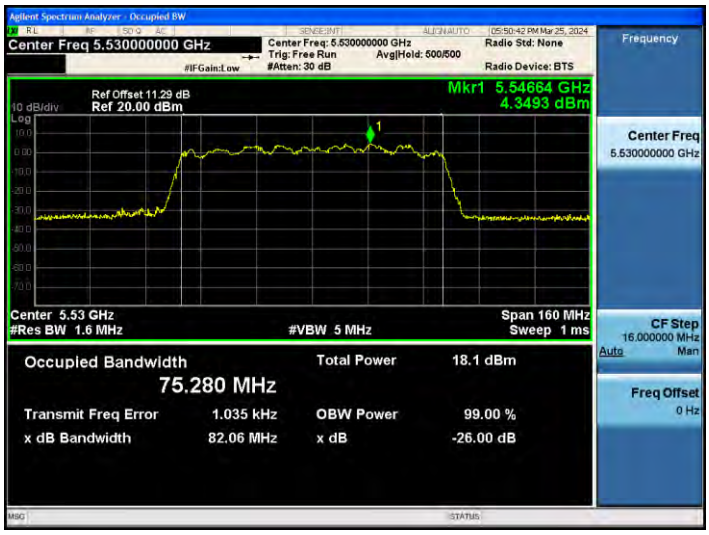


11AC80MIMO_Ant2_5530



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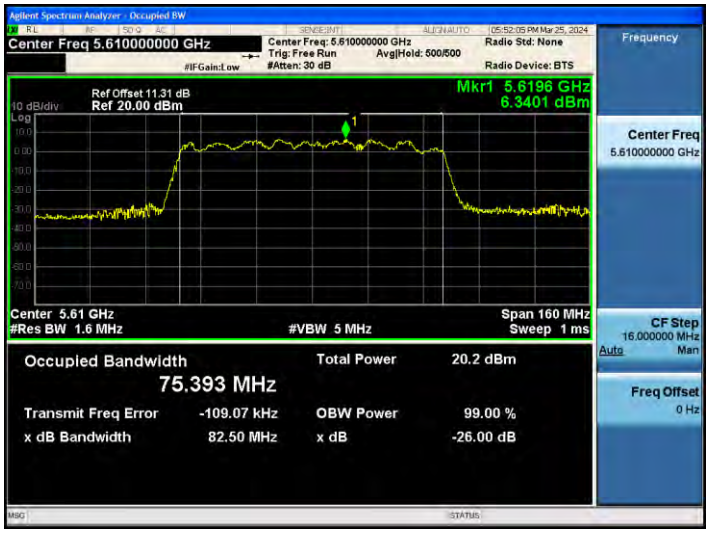
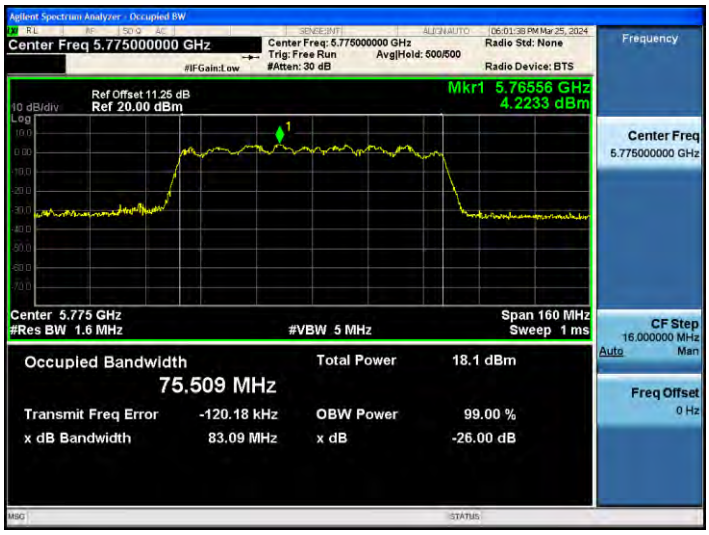
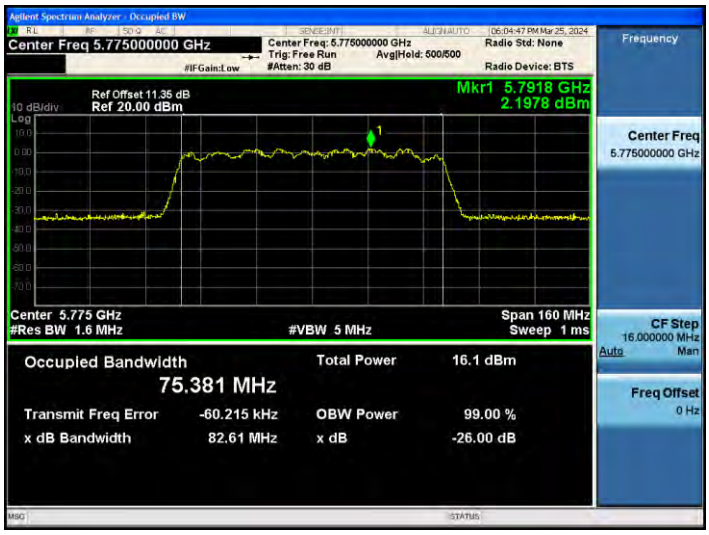


11AC80MIMO_Ant2_5610

11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775


Agilent Spectrum Analyzer - Occupied BW
Center Freq 5.775000000 GHz
Center Freq: 5.775000000 GHz
Trig: Free Run
Avg|Hold: 500/500
#Atten: 30 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 11.35 dB
10 dB/div
Ref 20.00 dBm
Mkr1 5.7918 GHz
2.1978 dBm
Center Freq
5.775000000 GHz
Center 5.775 GHz
#Res BW 1.6 MHz
#VBW 5 MHz
Span 160 MHz
Sweep 1 ms
CF Step
16.000000 MHz
Auto
Man
Occupied Bandwidth
75.381 MHz
Total Power
16.1 dBm
Transmit Freq Error
-60.215 kHz
OBW Power
99.00 %
x dB Bandwidth
82.61 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

Appendix A3: Min emission bandwidth

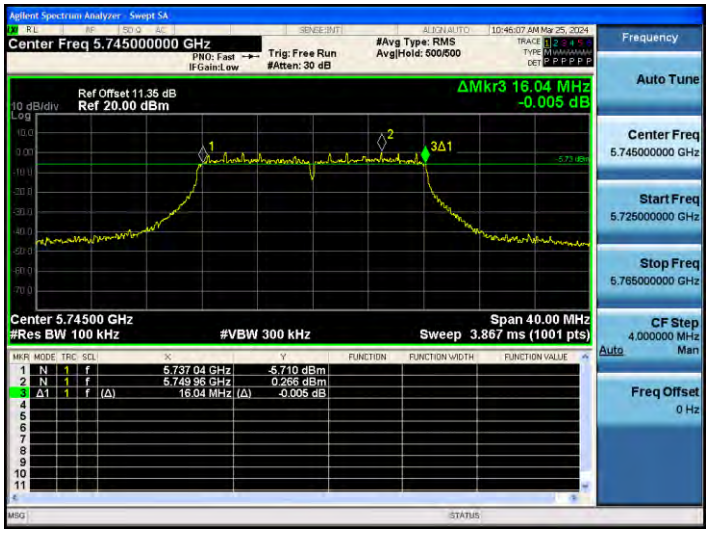
Test Result

Test Mode	Antenna	Channel	6dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.040	5737.040	5753.080	0.5	PASS
	Ant2	5745	16.040	5737.040	5753.080	0.5	PASS
	Ant1	5785	16.280	5776.800	5793.080	0.5	PASS
	Ant2	5785	16.120	5776.960	5793.080	0.5	PASS
	Ant1	5825	16.320	5816.800	5833.120	0.5	PASS
	Ant2	5825	16.240	5816.840	5833.080	0.5	PASS
11N20MIMO	Ant1	5745	16.440	5736.840	5753.280	0.5	PASS
	Ant2	5745	16.680	5736.560	5753.240	0.5	PASS
	Ant1	5785	16.640	5776.560	5793.200	0.5	PASS
	Ant2	5785	16.720	5776.560	5793.280	0.5	PASS
	Ant1	5825	16.800	5816.560	5833.360	0.5	PASS
	Ant2	5825	16.640	5816.600	5833.240	0.5	PASS
11N40MIMO	Ant1	5755	35.440	5737.080	5772.520	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.440	5777.080	5812.520	0.5	PASS
	Ant2	5795	35.120	5777.400	5812.520	0.5	PASS
11AC20MIMO	Ant1	5745	16.160	5736.920	5753.080	0.5	PASS
	Ant2	5745	16.560	5736.760	5753.320	0.5	PASS
	Ant1	5785	16.560	5776.560	5793.120	0.5	PASS
	Ant2	5785	16.400	5776.720	5793.120	0.5	PASS
	Ant1	5825	17.000	5816.480	5833.480	0.5	PASS
	Ant2	5825	16.360	5816.760	5833.120	0.5	PASS
11AC40MIMO	Ant1	5755	35.440	5737.080	5772.520	0.5	PASS
	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
	Ant1	5795	35.680	5777.080	5812.760	0.5	PASS
	Ant2	5795	35.600	5777.080	5812.680	0.5	PASS
11AC80MIMO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS
	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs

11A_Ant1_5745

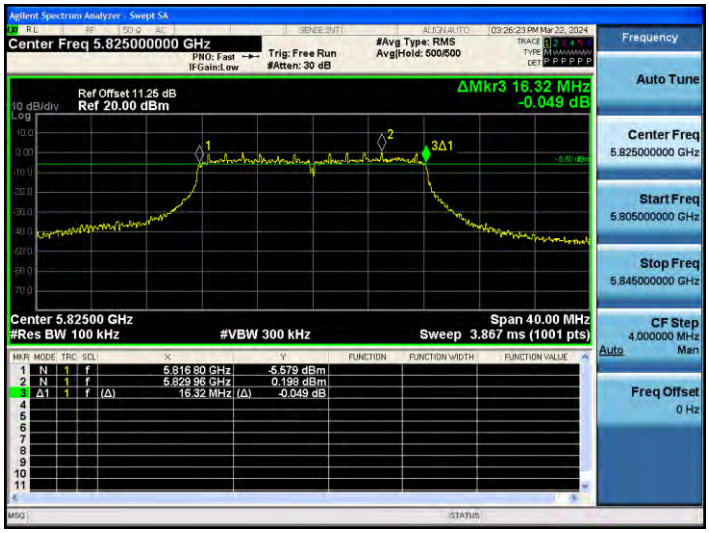
11A_Ant2_5745



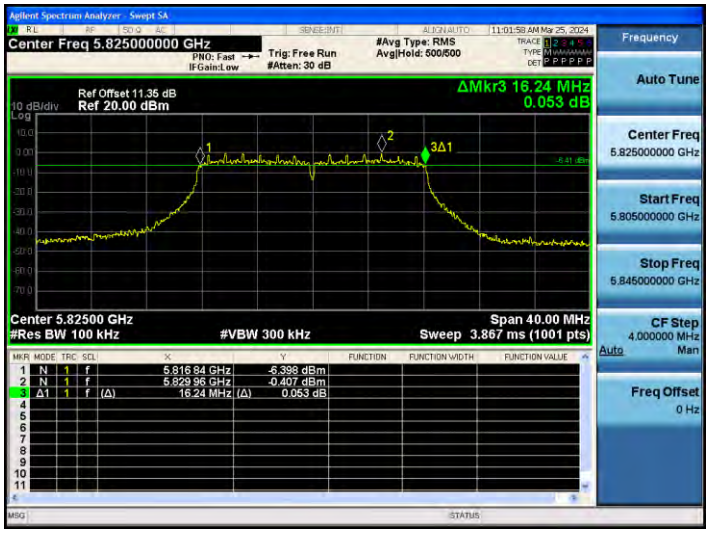
11A_Ant1_5785

11A_Ant2_5785

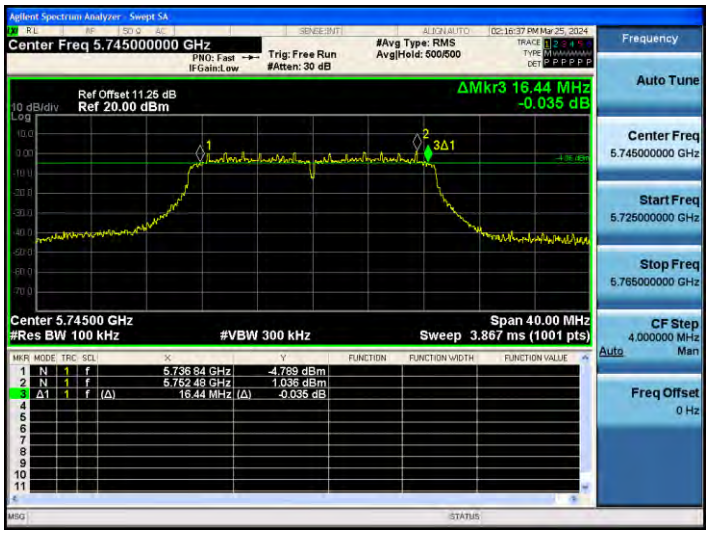
11A_Ant1_5825



11A_Ant2_5825



11N20MIMO_Ant1_5745



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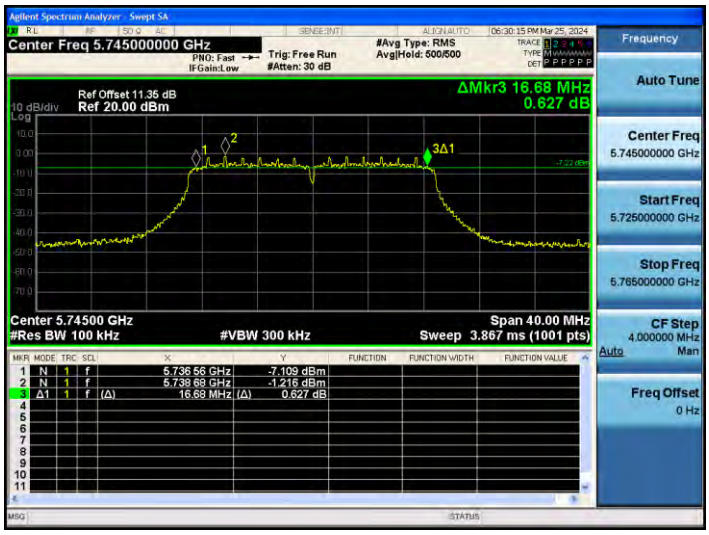

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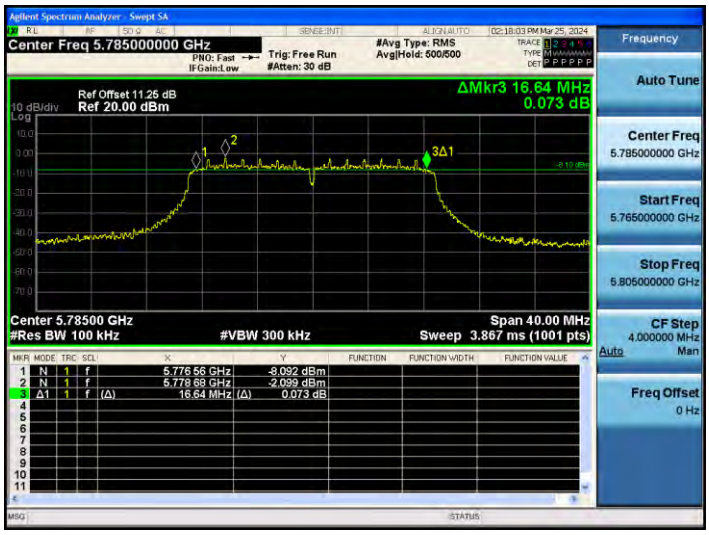

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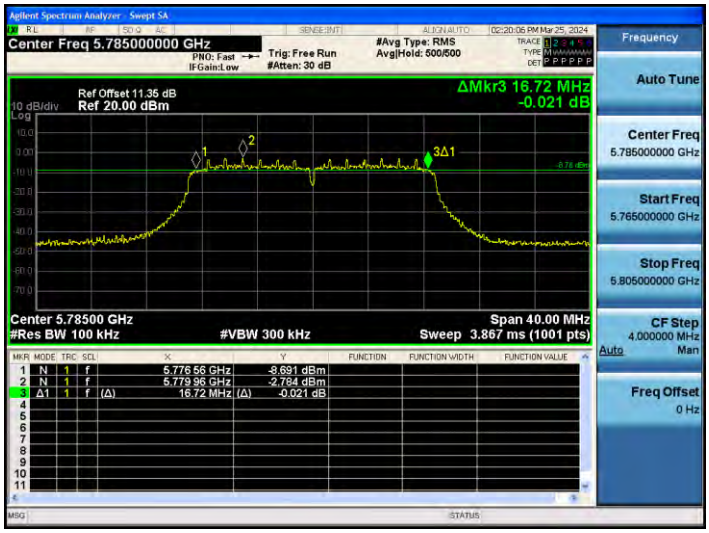

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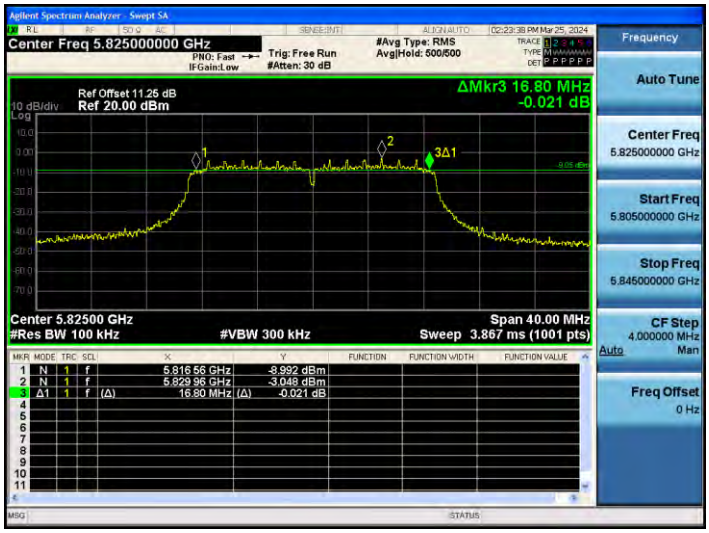
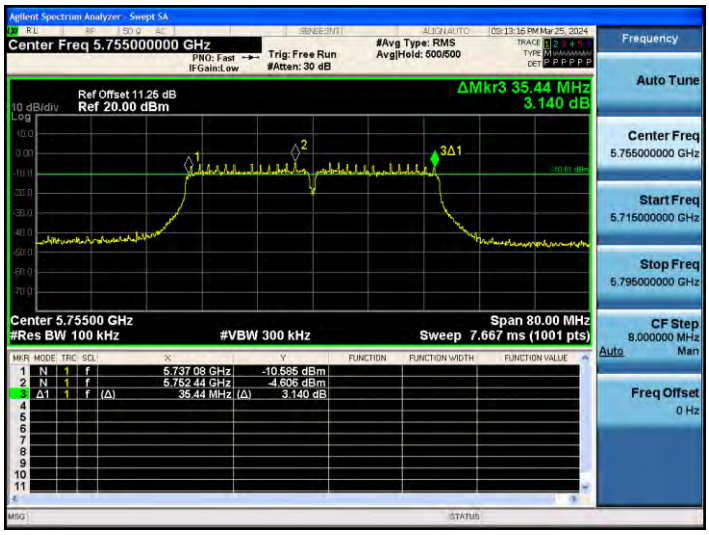


11N20MIMO_Ant2_5825

11N40MIMO_Ant1_5755



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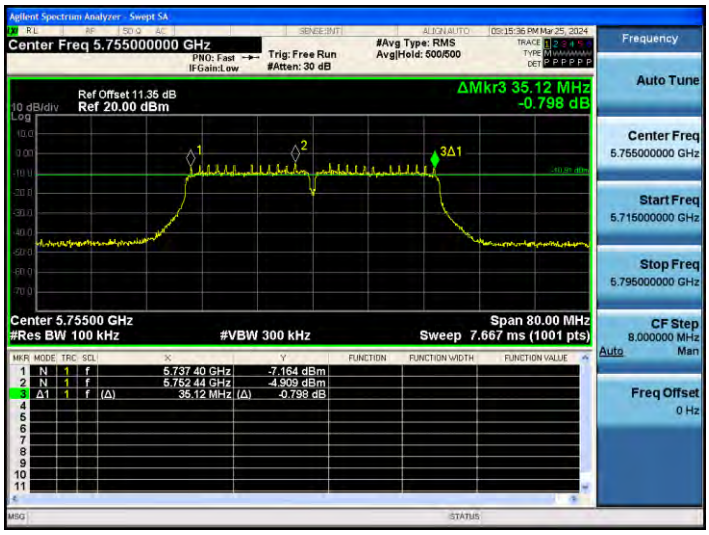

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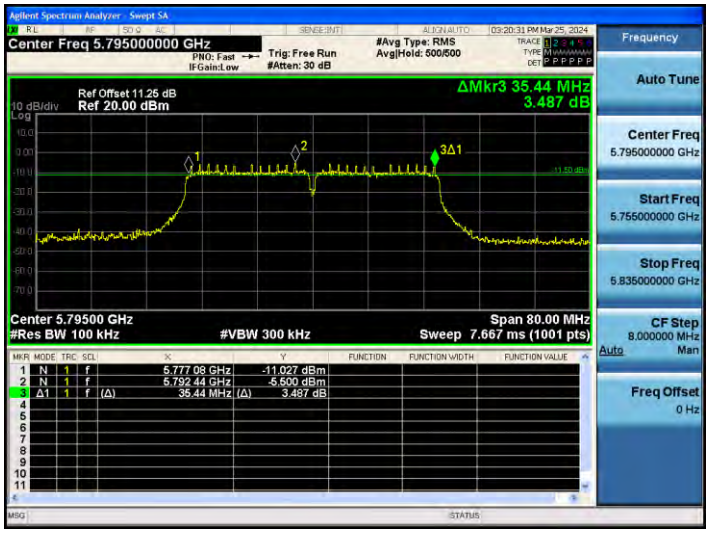

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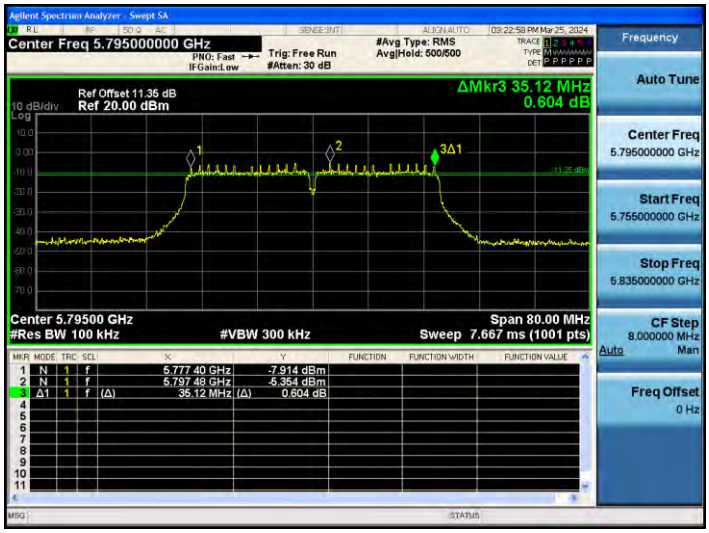
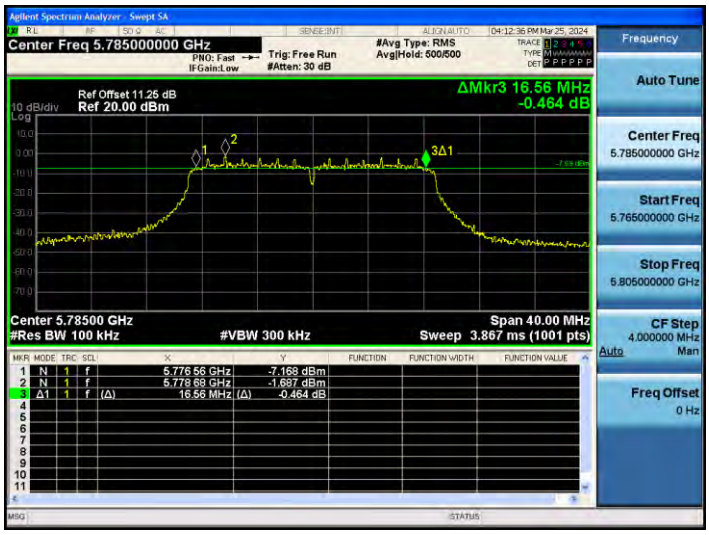


11AC20MIMO_Ant1_5745

11AC20MIMO_Ant2_5745

11AC20MIMO_Ant1_5785



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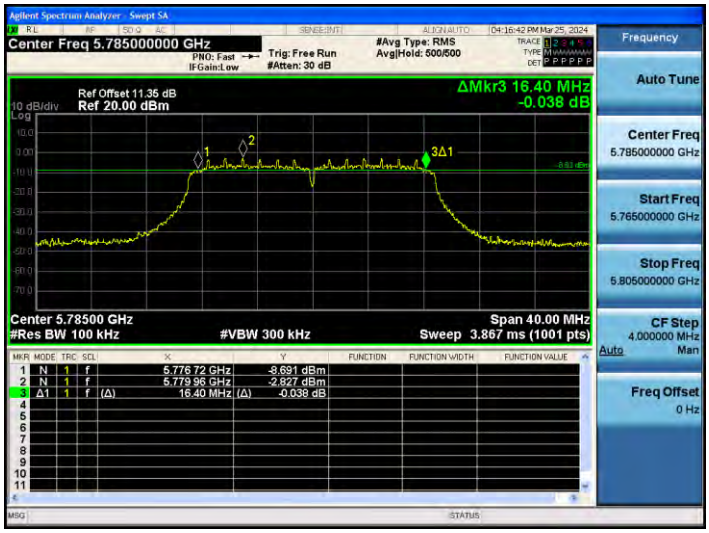

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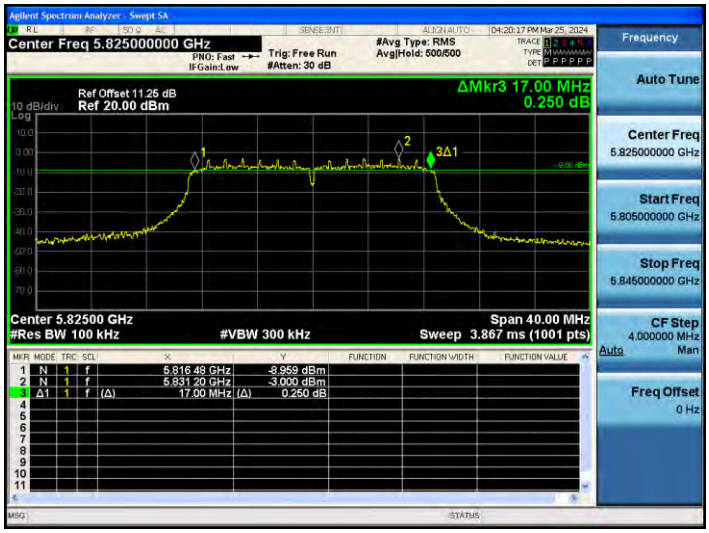

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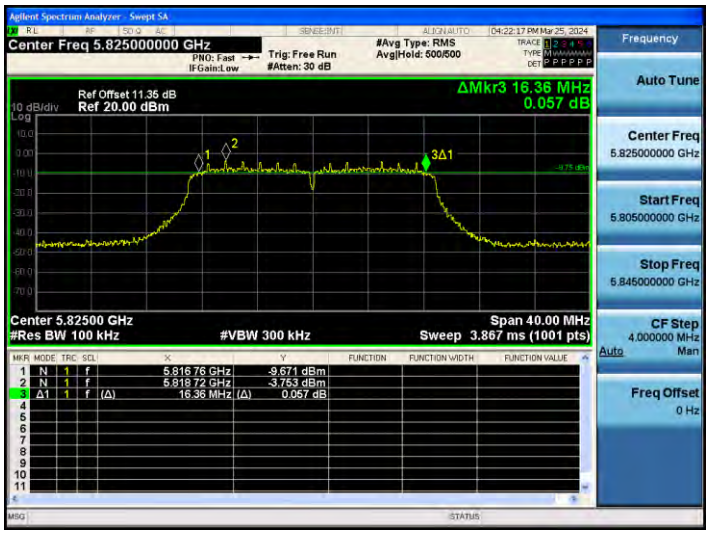

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