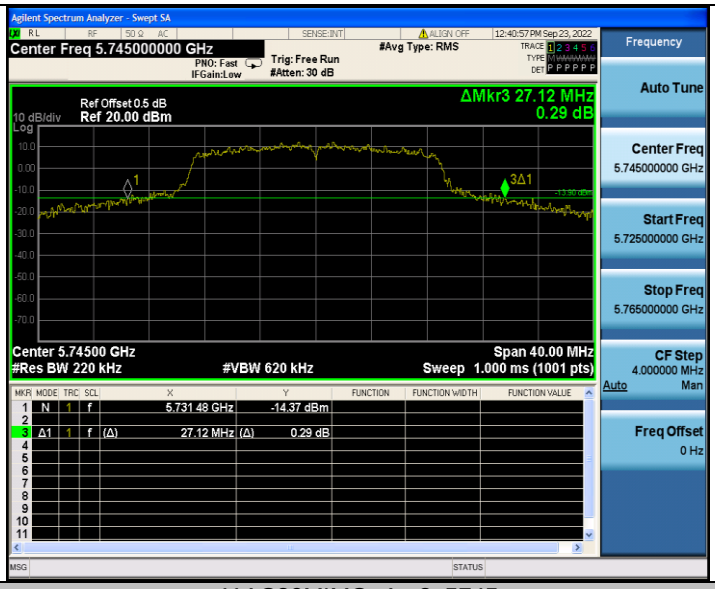
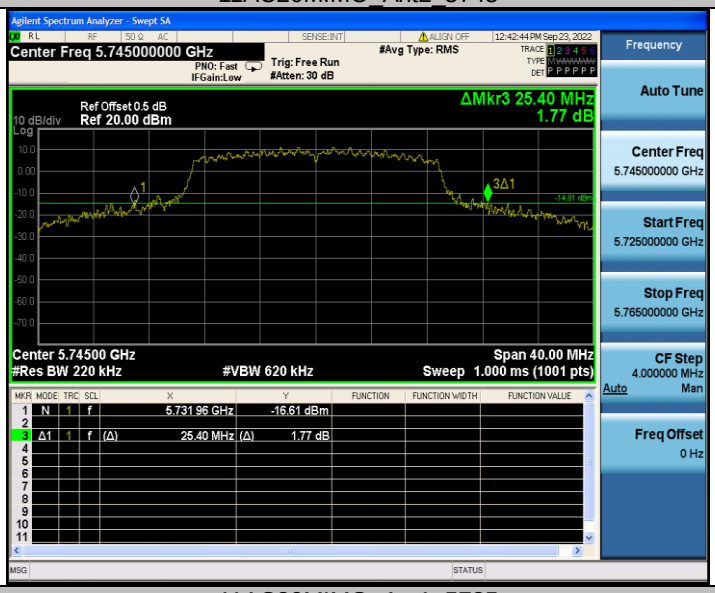
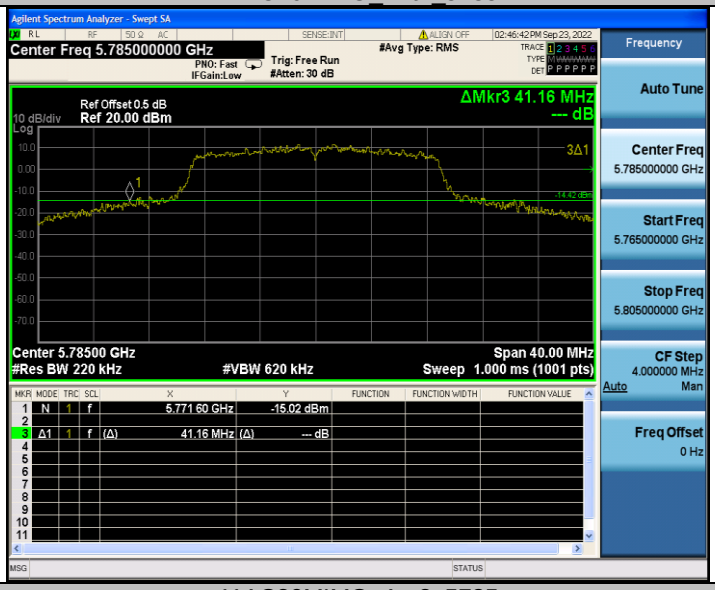


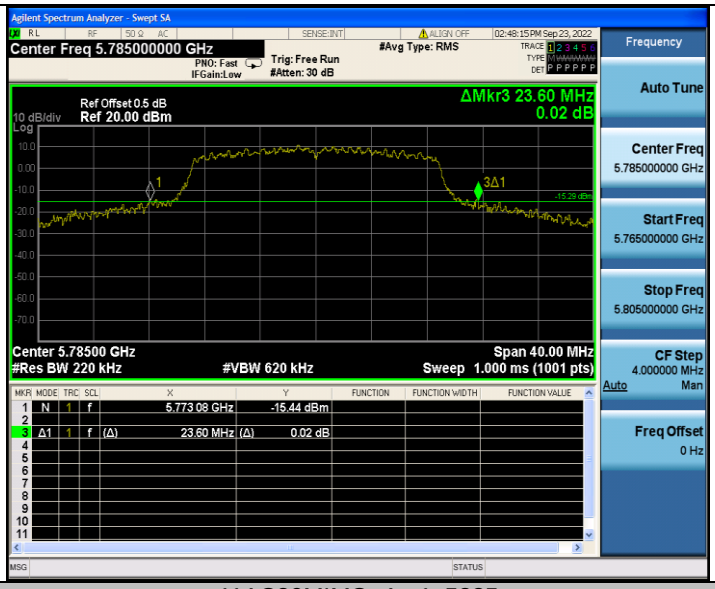
11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



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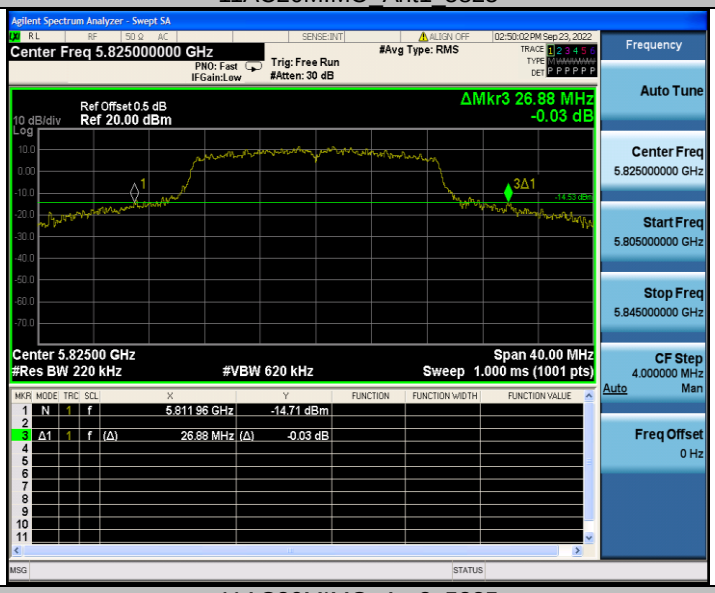

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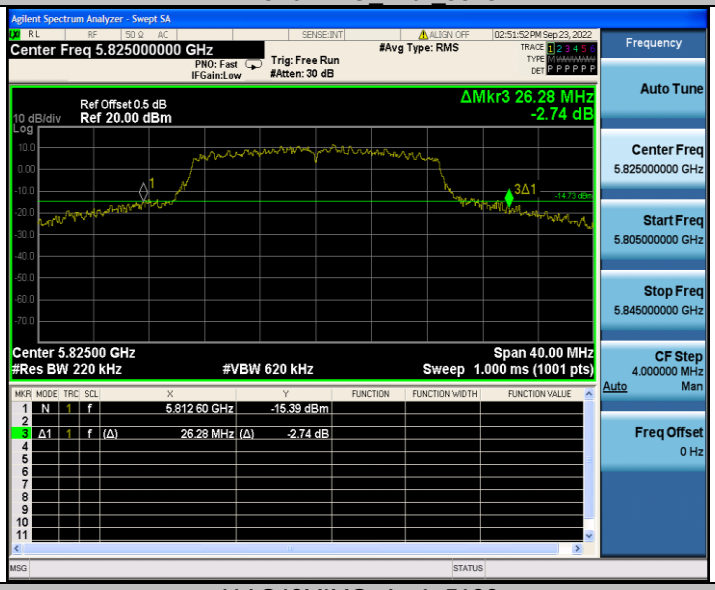


11AC40MIMO_Ant1_5190

11AC40MIMO_Ant2_5190

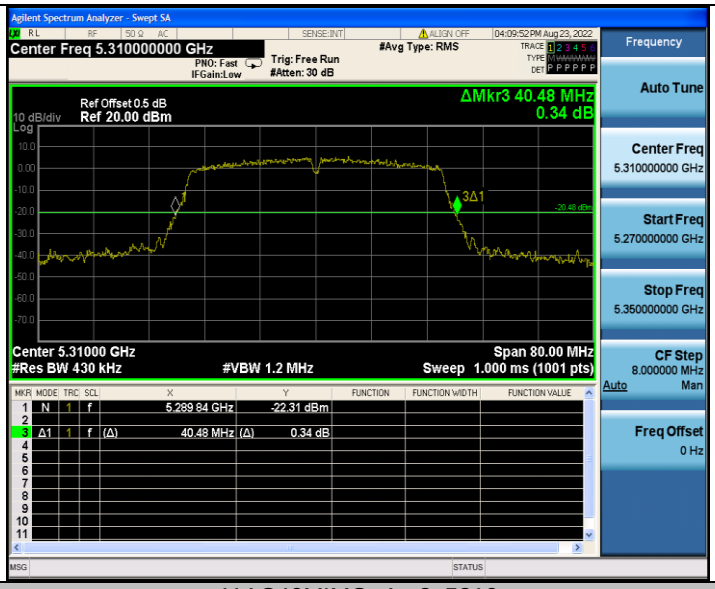
11AC40MIMO_Ant1_5230

11AC40MIMO_Ant2_5230

11AC40MIMO_Ant1_5270

11AC40MIMO_Ant2_5270

11AC40MIMO_Ant1_5310



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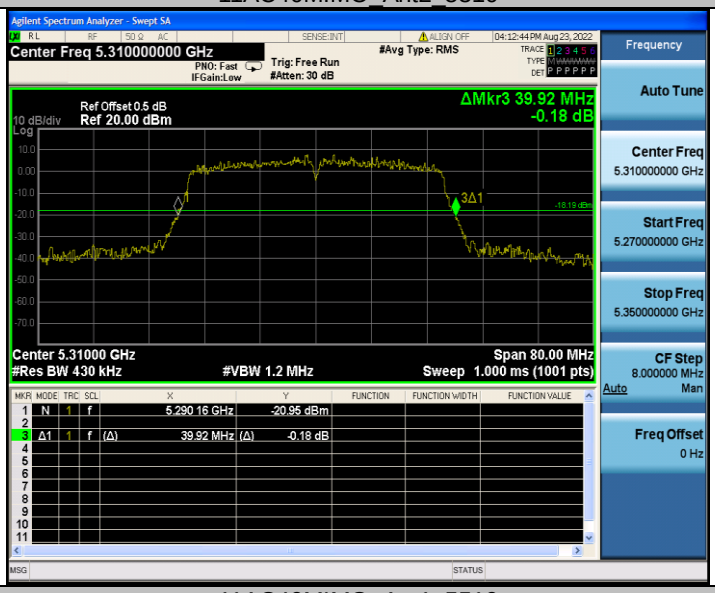

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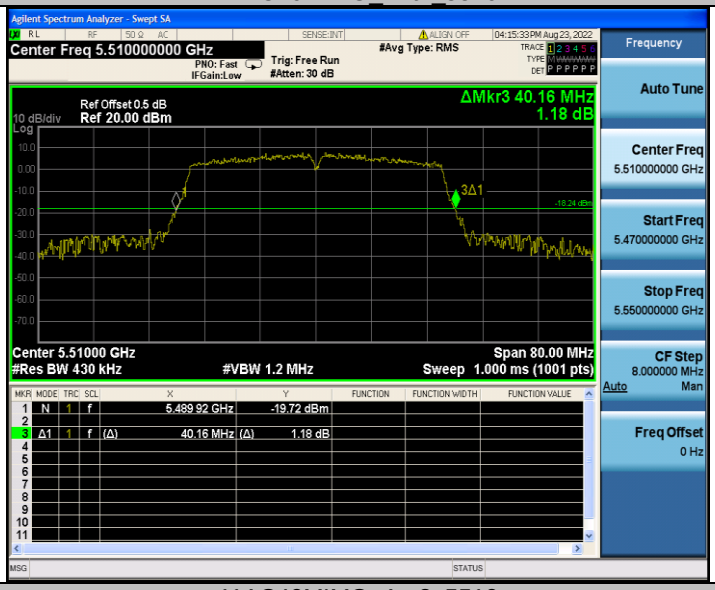
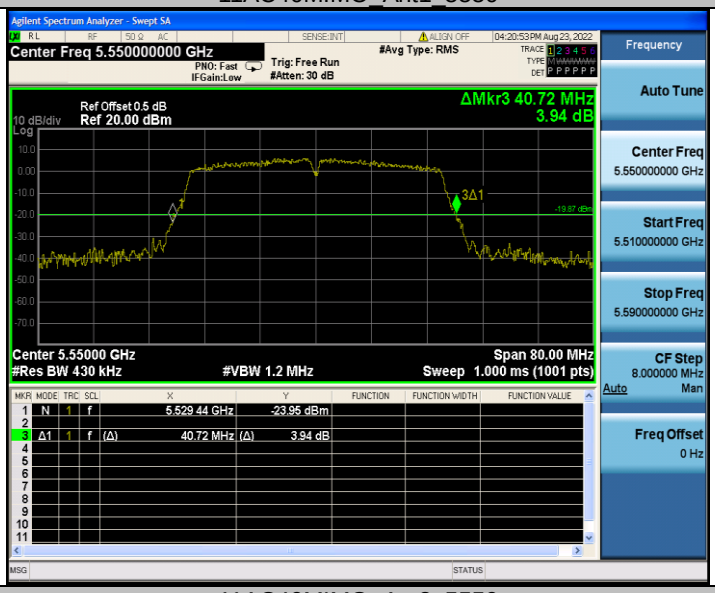


11AC40MIMO_Ant2_5510

11AC40MIMO_Ant1_5550



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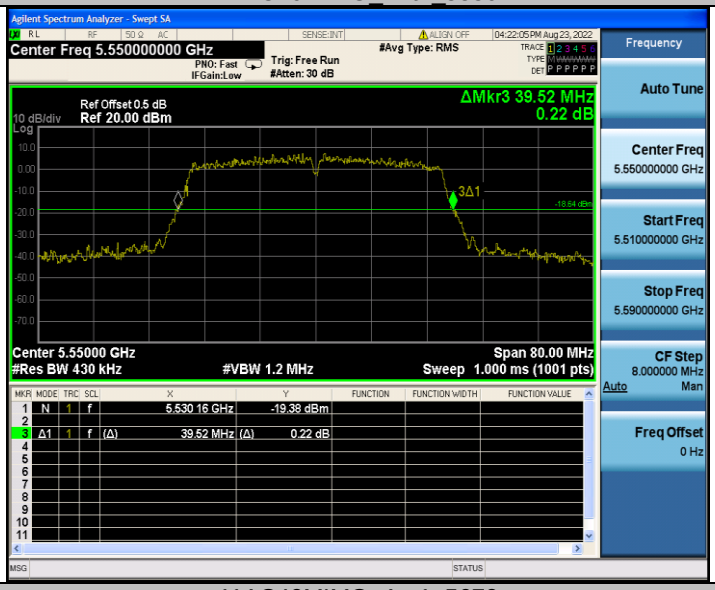

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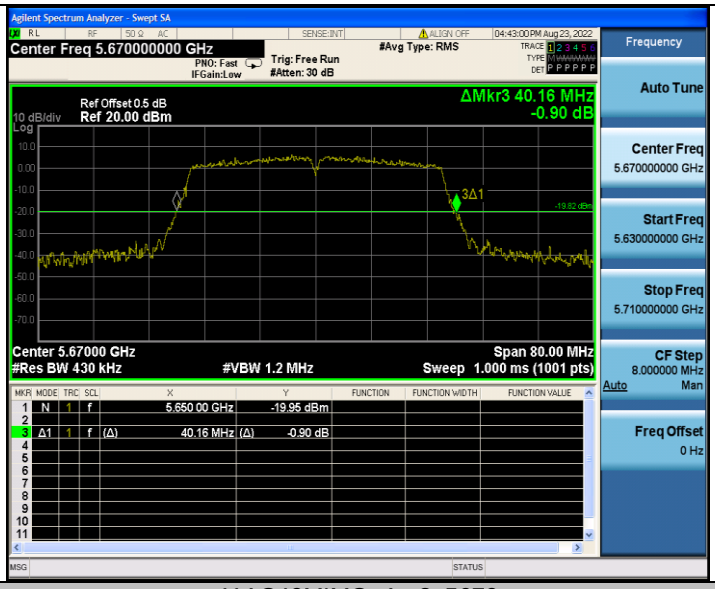
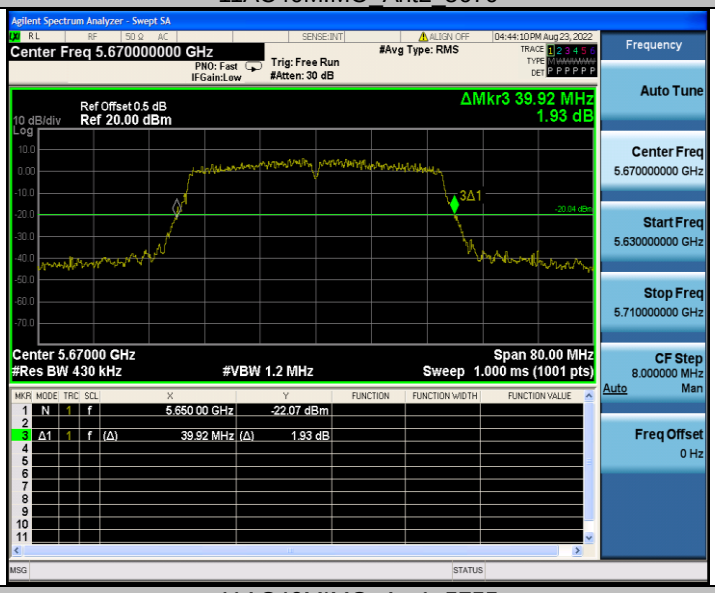


11AC40MIMO_Ant2_5670



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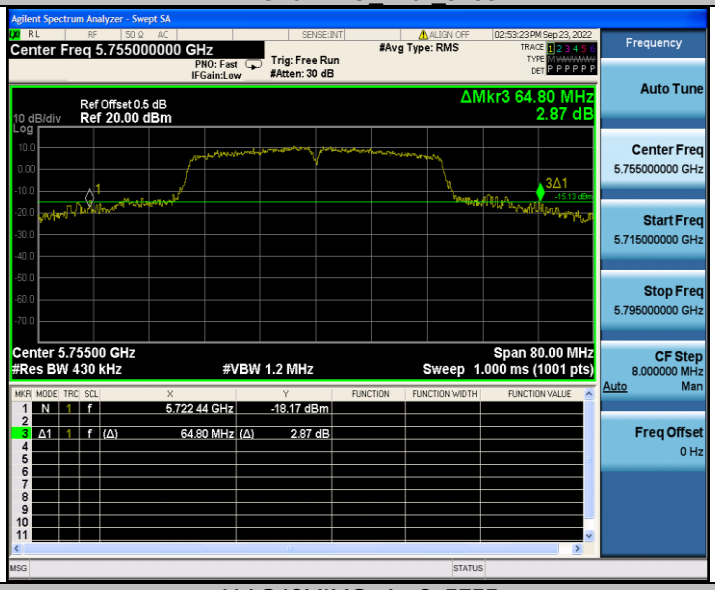
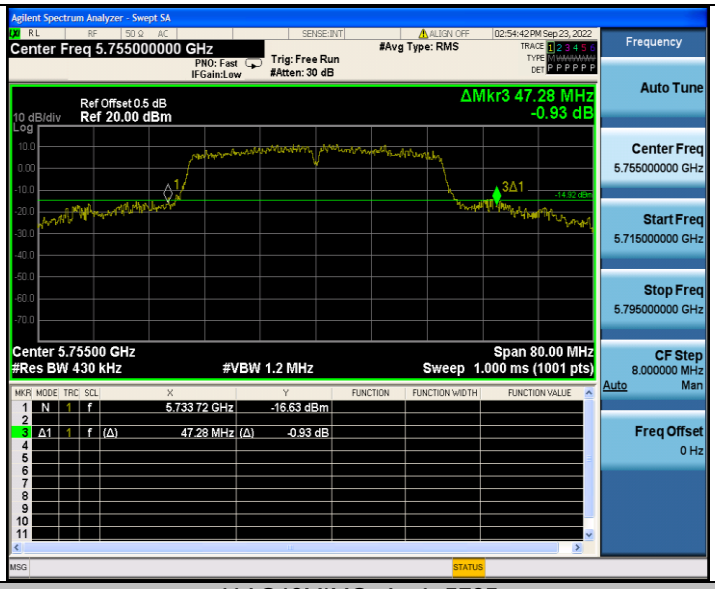
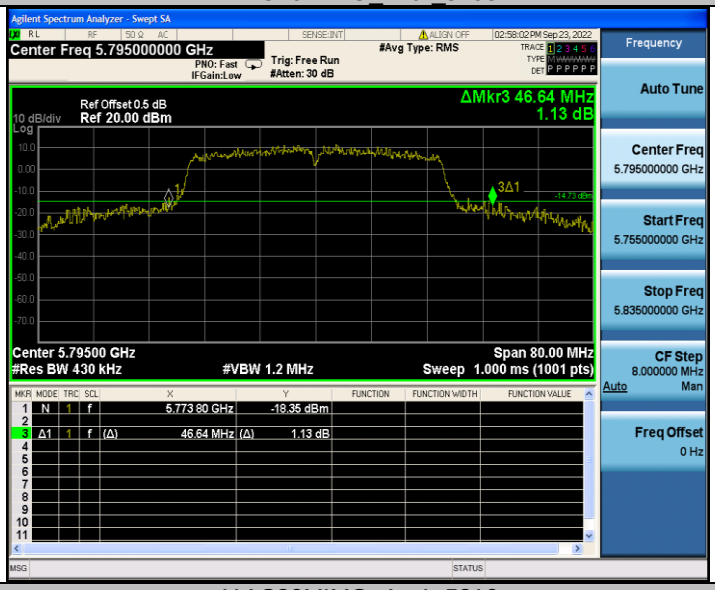


11AC40MIMO_Ant2_5755

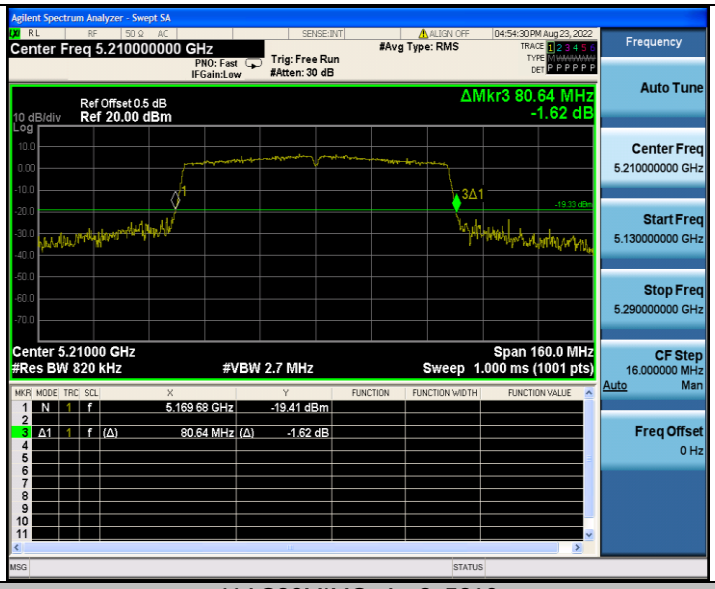


11AC40MIMO_Ant1_5795

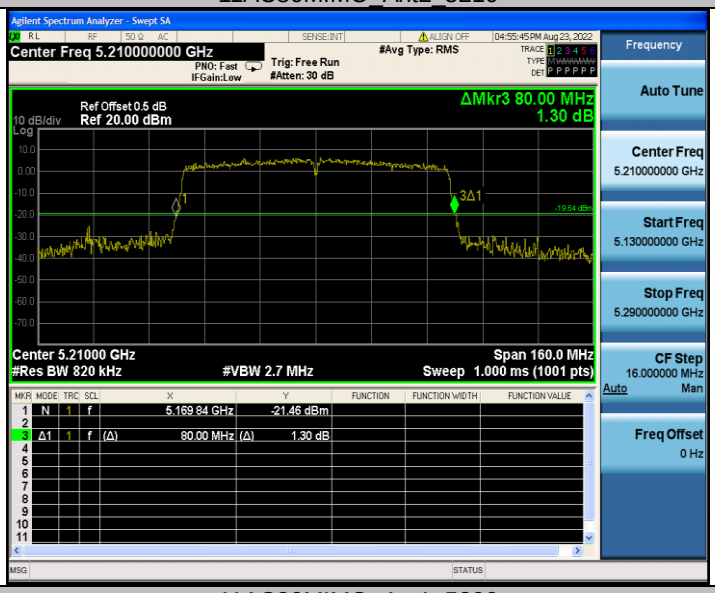
11AC40MIMO_Ant2_5795



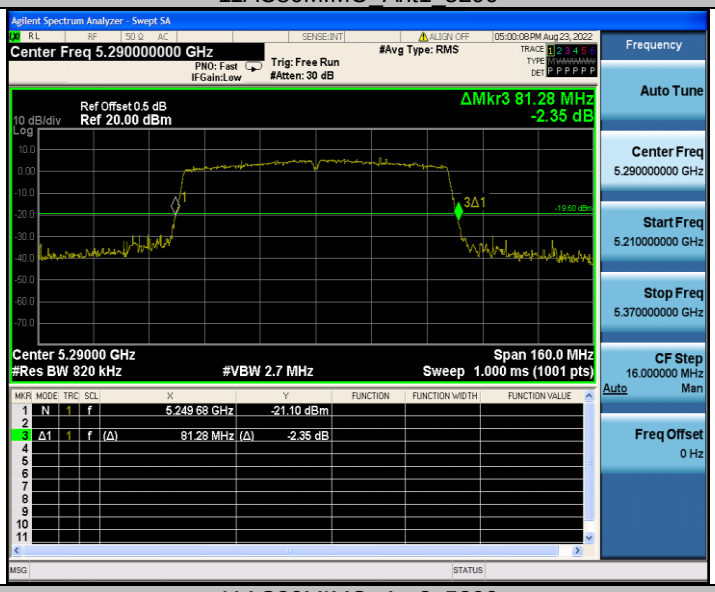
11AC80MIMO_Ant1_5210



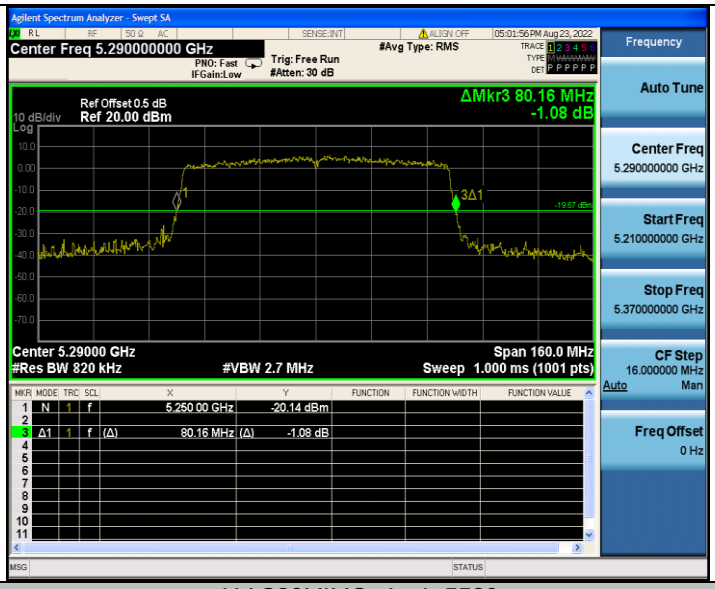
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5290

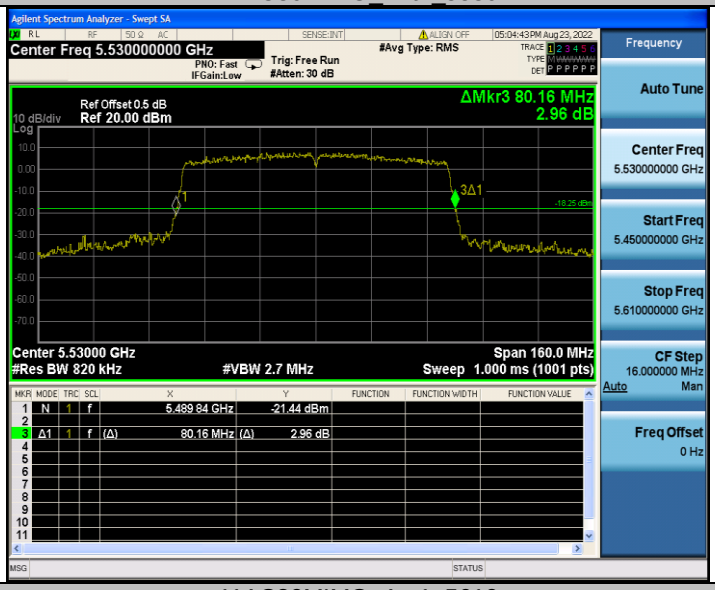


11AC80MIMO_Ant2_5290

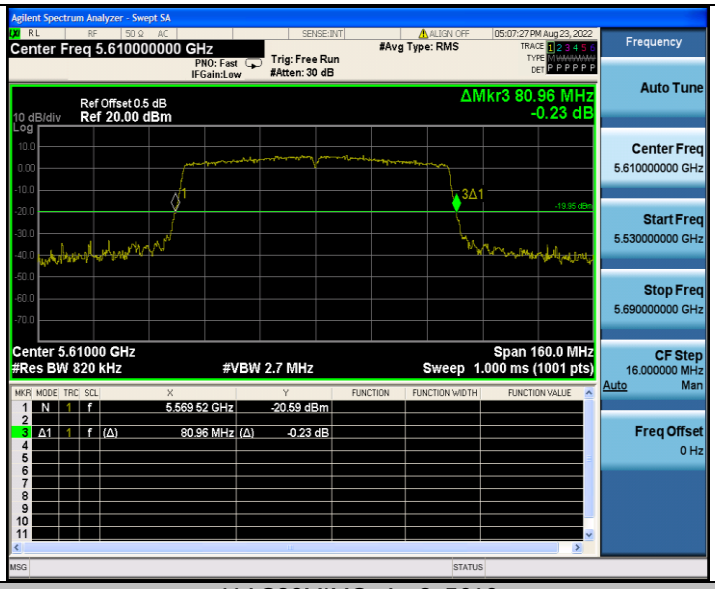


11AC80MIMO_Ant1_5530

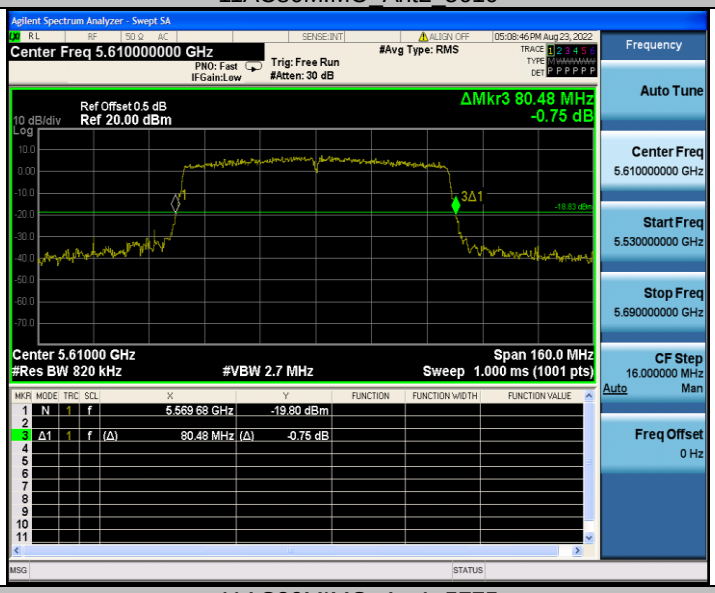
11AC80MIMO_Ant2_5530



11AC80MIMO_Ant1_5610

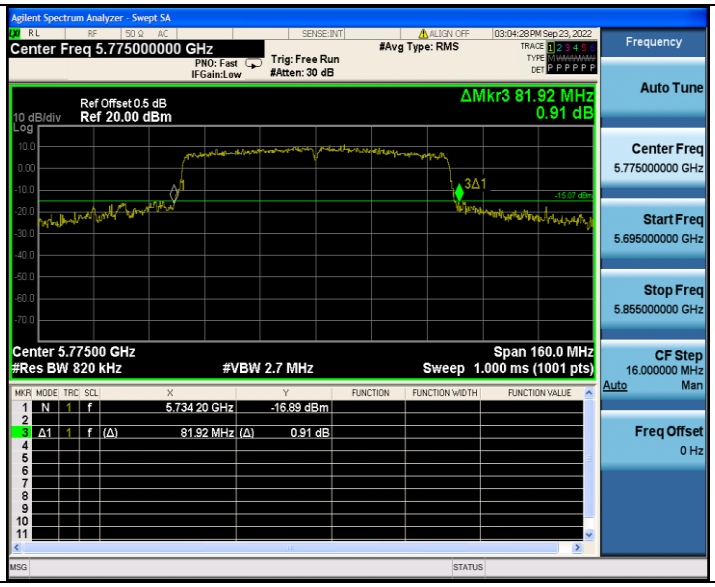


11AC80MIMO_Ant2_5610



11AC80MIMO_Ant1_5775

11AC80MIMO_Ant2_5775


Agilent Spectrum Analyzer - Swept SA
Center Freq 5.775000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
03:04:28 PM Sep 23, 2022
Frequency
Auto Tune
Center Freq
5.775000000 GHz
Start Freq
5.695000000 GHz
Stop Freq
5.855000000 GHz
CF Step
16.000000 MHz
Auto Man
Freq Offset
0 Hz
Ref Offset 0.5 dB
10 dB/div Ref 20.00 dBm
Log
ΔMkr3 81.92 MHz
0.91 dB
Center 5.77500 GHz
#Res BW 820 kHz
#VBW 2.7 MHz
Span 160.0 MHz
Sweep 1.000 ms (1001 pts)
1 N 1 f 5.734 20 GHz -16.89 dBm
3 Δ1 1 f (Δ) 81.92 MHz (Δ) 0.91 dB

Appendix A2: Occupied channel bandwidth

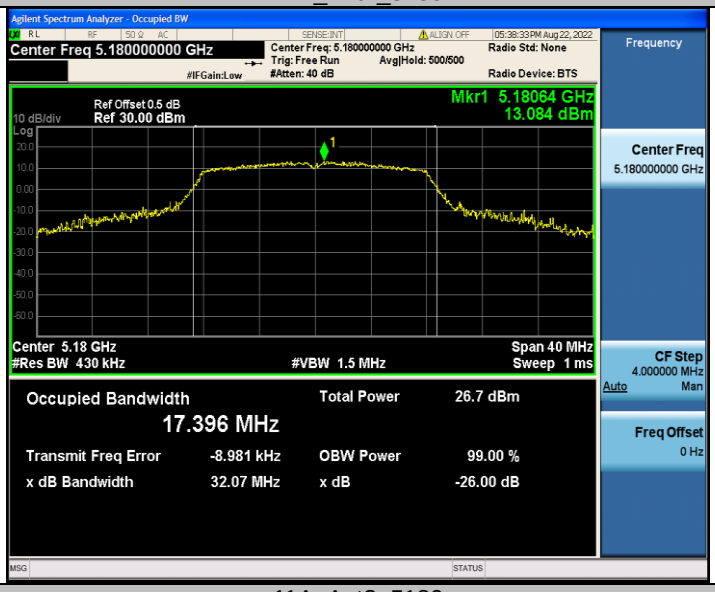
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.396	5171.293	5188.689	---	PASS
	Ant2	5180	17.189	5171.390	5188.579	---	PASS
	Ant1	5200	17.523	5191.233	5208.756	---	PASS
	Ant2	5200	17.285	5191.344	5208.629	---	PASS
	Ant1	5240	17.456	5231.245	5248.701	---	PASS
	Ant2	5240	17.357	5231.291	5248.648	---	PASS
	Ant1	5260	17.221	5251.432	5268.653	---	PASS
	Ant2	5260	17.427	5251.270	5268.697	---	PASS
	Ant1	5280	17.151	5271.465	5288.616	---	PASS
	Ant2	5280	17.332	5271.367	5288.699	---	PASS
	Ant1	5320	17.030	5311.506	5328.536	---	PASS
	Ant2	5320	17.282	5311.386	5328.668	---	PASS
	Ant1	5500	17.008	5491.494	5508.502	---	PASS
	Ant2	5500	17.049	5491.492	5508.541	---	PASS
	Ant1	5580	17.120	5571.450	5588.570	---	PASS
	Ant2	5580	17.152	5571.444	5588.596	---	PASS
	Ant1	5700	17.065	5691.470	5708.535	---	PASS
	Ant2	5700	16.957	5691.498	5708.455	---	PASS
	Ant1	5745	17.733	5736.124	5753.857	---	PASS
	Ant2	5745	17.622	5736.142	5753.764	---	PASS
	Ant1	5785	17.622	5776.242	5793.864	---	PASS
	Ant2	5785	17.634	5776.147	5793.781	---	PASS
	Ant1	5825	17.890	5816.001	5833.891	---	PASS
	Ant2	5825	17.683	5816.130	5833.813	---	PASS
11N20MIMO	Ant1	5180	17.983	5171.036	5189.019	---	PASS
	Ant2	5180	17.718	5171.138	5188.856	---	PASS
	Ant1	5200	17.963	5191.034	5208.997	---	PASS
	Ant2	5200	17.720	5191.138	5208.858	---	PASS
	Ant1	5240	17.878	5231.075	5248.953	---	PASS
	Ant2	5240	17.727	5231.153	5248.880	---	PASS
	Ant1	5260	17.810	5251.107	5268.917	---	PASS
	Ant2	5260	17.694	5251.164	5268.858	---	PASS
	Ant1	5280	17.854	5271.103	5288.957	---	PASS
	Ant2	5280	17.681	5271.177	5288.858	---	PASS
	Ant1	5320	17.832	5311.111	5328.943	---	PASS
	Ant2	5320	17.667	5311.184	5328.851	---	PASS
	Ant1	5500	17.816	5491.084	5508.900	---	PASS
	Ant2	5500	17.683	5491.167	5508.850	---	PASS
	Ant1	5580	17.801	5571.083	5588.884	---	PASS
	Ant2	5580	17.699	5571.163	5588.862	---	PASS
	Ant1	5700	17.849	5691.080	5708.929	---	PASS
	Ant2	5700	17.656	5691.188	5708.844	---	PASS
	Ant1	5745	18.479	5735.759	5754.238	---	PASS
	Ant2	5745	17.917	5736.038	5753.955	---	PASS
	Ant1	5785	18.390	5775.834	5794.224	---	PASS
	Ant2	5785	17.920	5776.038	5793.958	---	PASS
	Ant1	5825	18.240	5815.878	5834.118	---	PASS
	Ant2	5825	17.950	5816.031	5833.981	---	PASS
11N40MIMO	Ant1	5190	36.326	5171.804	5208.130	---	PASS
	Ant2	5190	36.115	5171.910	5208.025	---	PASS
	Ant1	5230	36.314	5211.855	5248.169	---	PASS
	Ant2	5230	36.174	5211.918	5248.092	---	PASS
	Ant1	5270	36.144	5251.952	5288.096	---	PASS
	Ant2	5270	36.132	5251.998	5288.130	---	PASS
	Ant1	5310	36.210	5291.967	5328.177	---	PASS
	Ant2	5310	36.125	5292.012	5328.137	---	PASS
	Ant1	5510	36.235	5491.850	5528.085	---	PASS

	Ant2	5510	36.122	5491.938	5528.060	---	PASS
	Ant1	5550	36.188	5531.950	5568.138	---	PASS
	Ant2	5550	36.138	5531.958	5568.096	---	PASS
	Ant1	5670	36.280	5651.917	5688.197	---	PASS
	Ant2	5670	36.108	5651.950	5688.058	---	PASS
	Ant1	5755	36.897	5736.581	5773.478	---	PASS
	Ant2	5755	36.439	5736.770	5773.209	---	PASS
	Ant1	5795	36.762	5776.637	5813.399	---	PASS
	Ant2	5795	36.447	5776.825	5813.272	---	PASS
11AC20MIMO	Ant1	5180	17.868	5171.058	5188.926	---	PASS
	Ant2	5180	17.680	5171.177	5188.857	---	PASS
	Ant1	5200	17.857	5191.081	5208.938	---	PASS
	Ant2	5200	17.686	5191.149	5208.835	---	PASS
	Ant1	5240	17.871	5231.060	5248.931	---	PASS
	Ant2	5240	17.730	5231.119	5248.849	---	PASS
	Ant1	5260	17.828	5251.114	5268.942	---	PASS
	Ant2	5260	17.672	5251.168	5268.840	---	PASS
	Ant1	5280	17.858	5271.078	5288.936	---	PASS
	Ant2	5280	17.667	5271.185	5288.852	---	PASS
	Ant1	5320	17.863	5311.090	5328.953	---	PASS
	Ant2	5320	17.674	5311.186	5328.860	---	PASS
	Ant1	5500	17.858	5491.108	5508.966	---	PASS
	Ant2	5500	17.662	5491.171	5508.833	---	PASS
	Ant1	5580	17.813	5571.104	5588.917	---	PASS
	Ant2	5580	17.667	5571.184	5588.851	---	PASS
	Ant1	5700	17.856	5691.093	5708.949	---	PASS
	Ant2	5700	17.677	5691.165	5708.842	---	PASS
	Ant1	5745	18.448	5735.793	5754.241	---	PASS
	Ant2	5745	17.929	5736.033	5753.962	---	PASS
	Ant1	5785	18.222	5775.870	5794.092	---	PASS
	Ant2	5785	17.887	5776.047	5793.934	---	PASS
	Ant1	5825	18.260	5815.847	5834.107	---	PASS
	Ant2	5825	17.952	5816.004	5833.956	---	PASS
11AC40MIMO	Ant1	5190	36.419	5171.799	5208.218	---	PASS
	Ant2	5190	36.202	5171.902	5208.104	---	PASS
	Ant1	5230	36.375	5211.814	5248.189	---	PASS
	Ant2	5230	36.251	5211.899	5248.150	---	PASS
	Ant1	5270	36.344	5251.856	5288.200	---	PASS
	Ant2	5270	36.168	5251.949	5288.117	---	PASS
	Ant1	5310	36.204	5291.965	5328.169	---	PASS
	Ant2	5310	36.153	5291.938	5328.091	---	PASS
	Ant1	5510	36.254	5491.886	5528.140	---	PASS
	Ant2	5510	36.123	5491.922	5528.045	---	PASS
	Ant1	5550	36.173	5531.939	5568.112	---	PASS
	Ant2	5550	36.128	5531.968	5568.096	---	PASS
	Ant1	5670	36.213	5651.915	5688.128	---	PASS
	Ant2	5670	36.132	5651.935	5688.067	---	PASS
	Ant1	5755	36.953	5736.558	5773.511	---	PASS
	Ant2	5755	36.519	5736.745	5773.264	---	PASS
	Ant1	5795	36.982	5776.543	5813.525	---	PASS
	Ant2	5795	36.455	5776.781	5813.236	---	PASS
11AC80MIMO	Ant1	5210	75.363	5172.348	5247.711	---	PASS
	Ant2	5210	75.281	5172.357	5247.638	---	PASS
	Ant1	5290	75.311	5252.532	5327.843	---	PASS
	Ant2	5290	75.239	5252.534	5327.773	---	PASS
	Ant1	5530	75.318	5492.334	5567.652	---	PASS
	Ant2	5530	75.260	5492.370	5567.630	---	PASS
	Ant1	5610	75.292	5572.381	5647.673	---	PASS
	Ant2	5610	75.198	5572.408	5647.606	---	PASS
	Ant1	5775	75.814	5737.104	5812.918	---	PASS
	Ant2	5775	75.496	5737.238	5812.734	---	PASS

Test Graphs

11A_Ant1_5180



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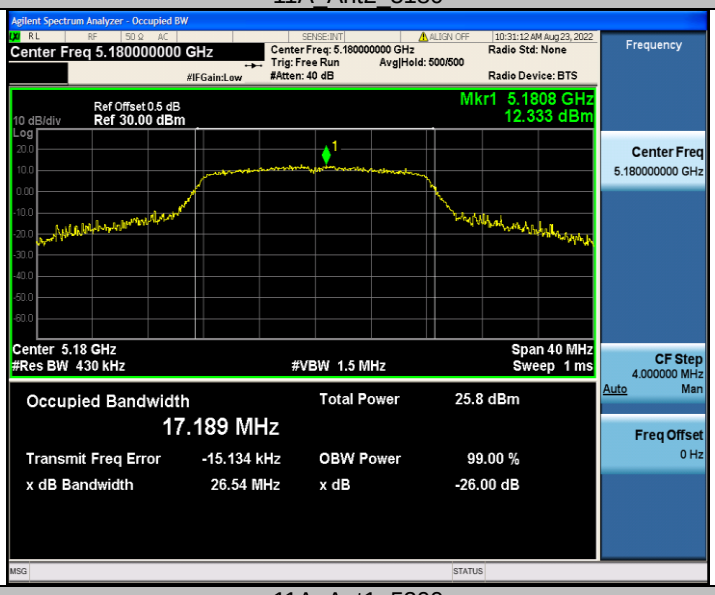

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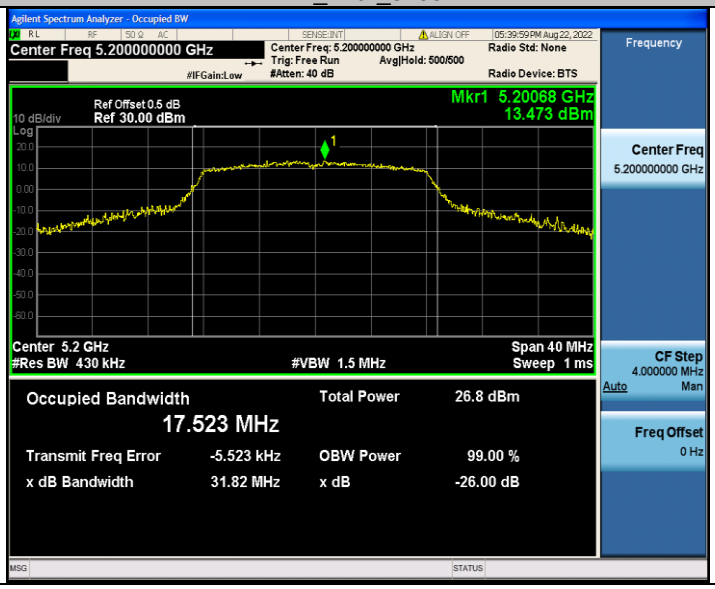
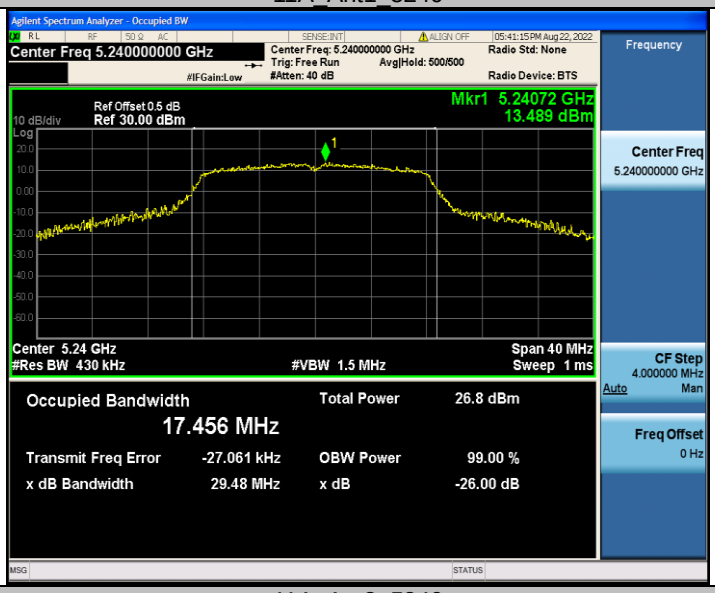


11A_Ant2_5200

11A_Ant1_5240



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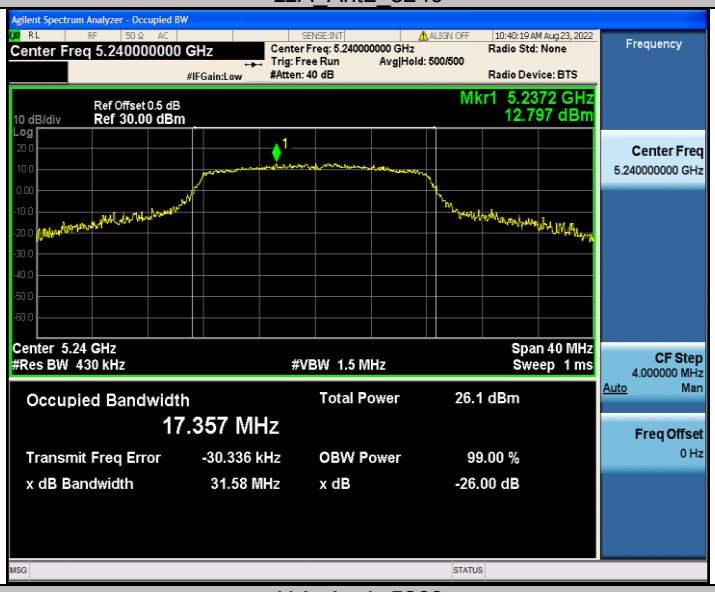
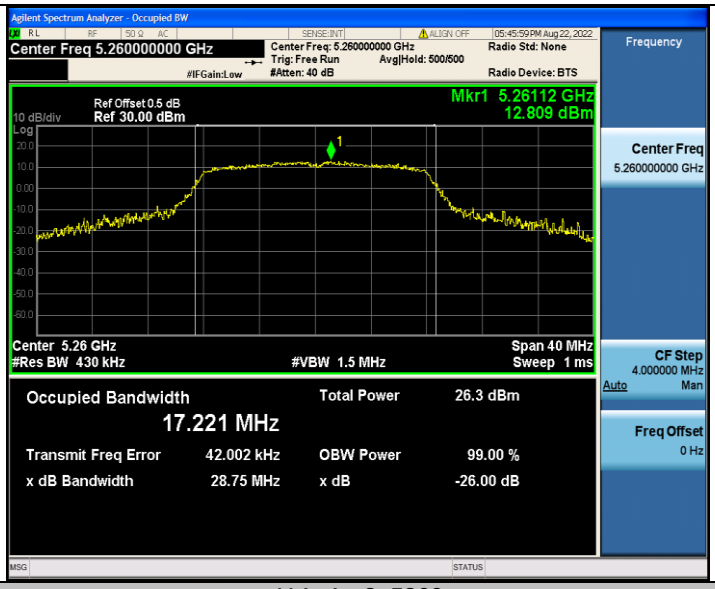
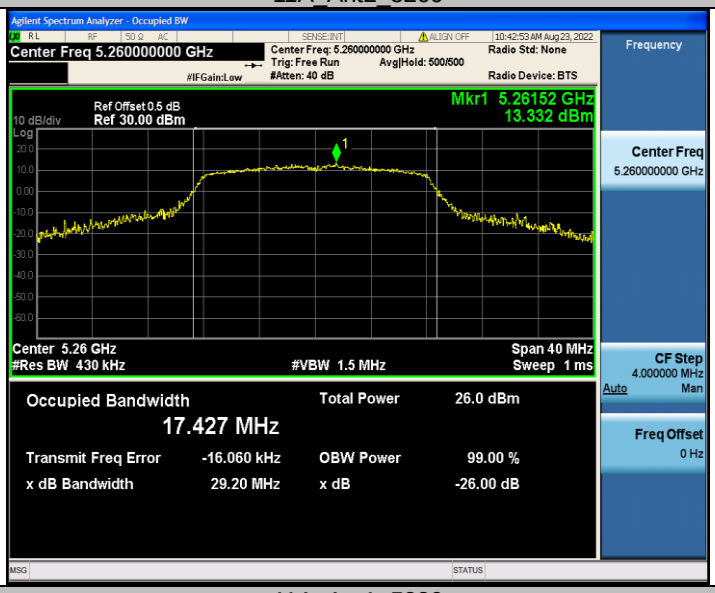


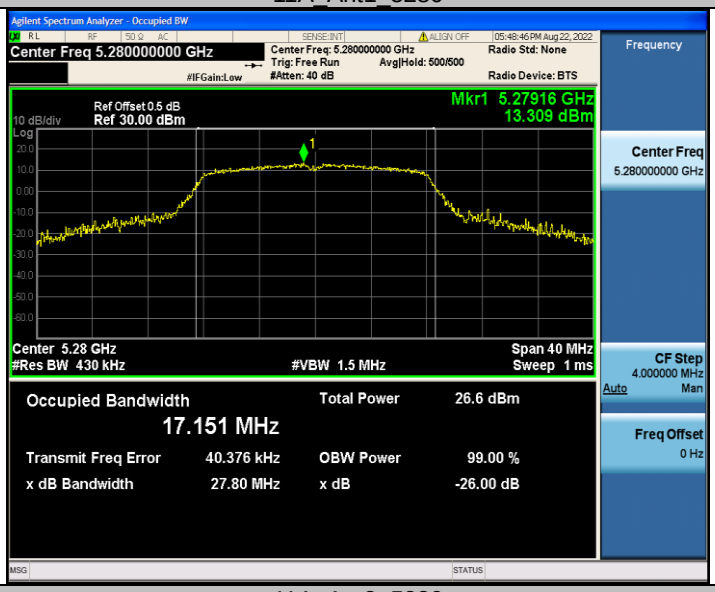
11A_Ant1_5260



11A_Ant2_5260



11A_Ant1_5280



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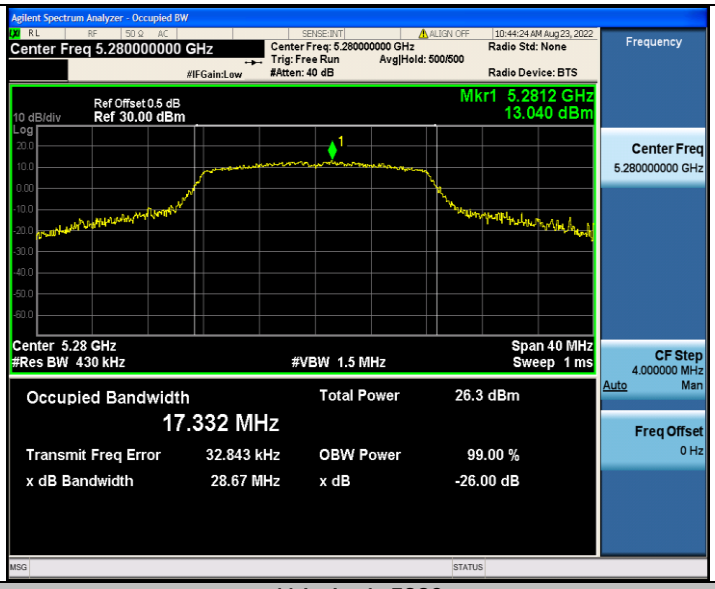

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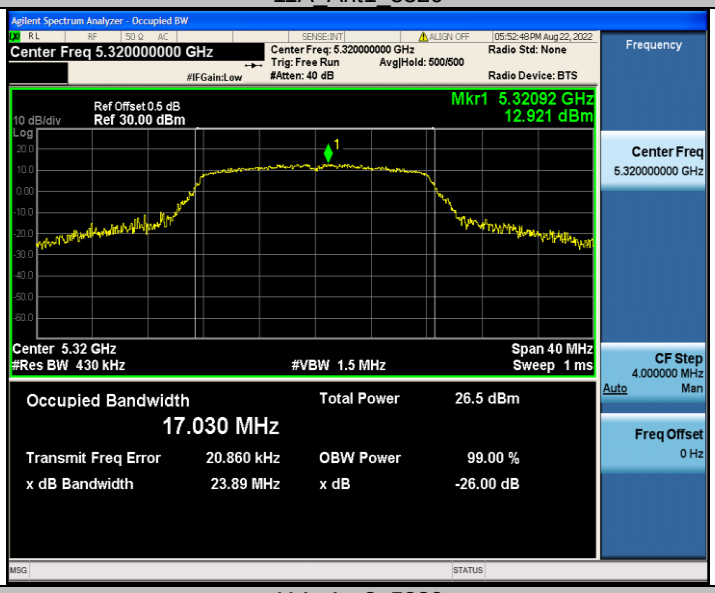

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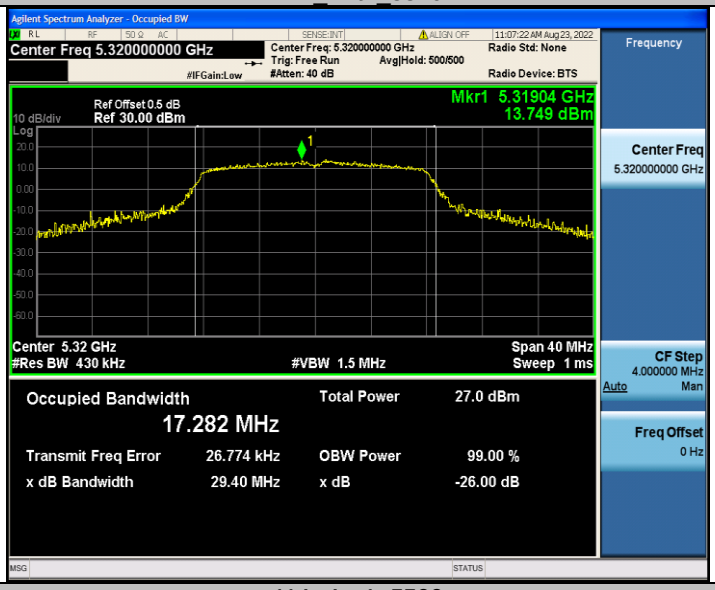

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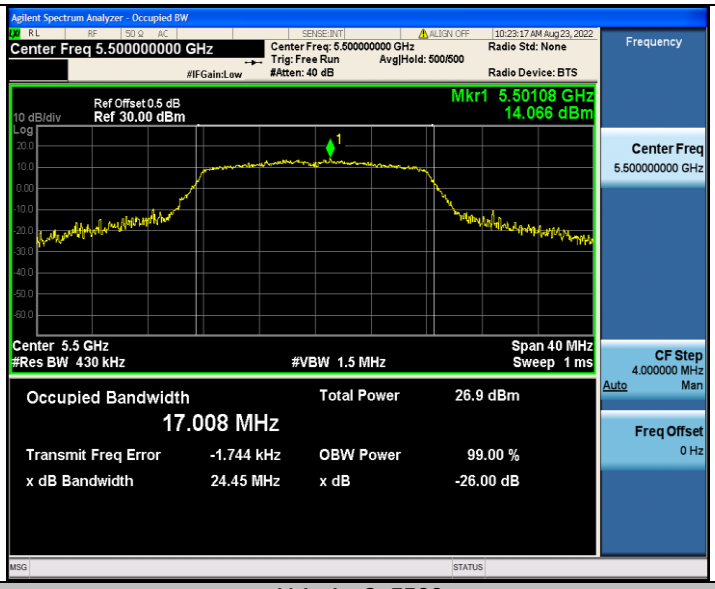

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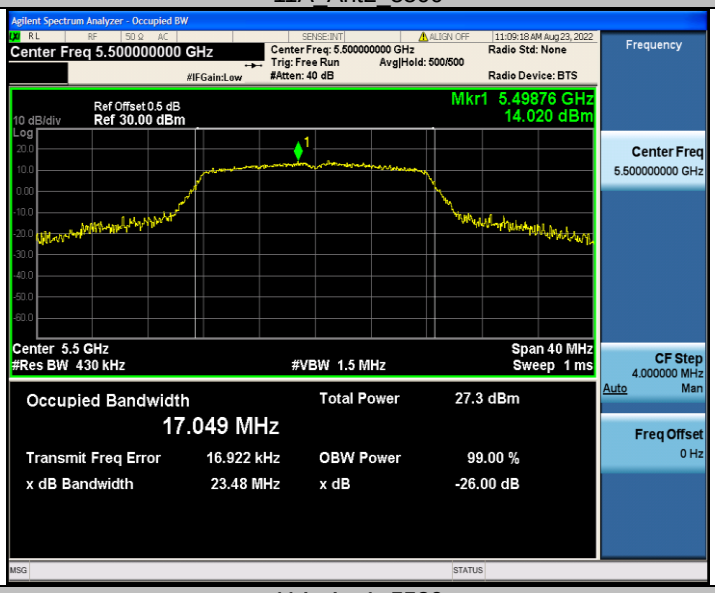

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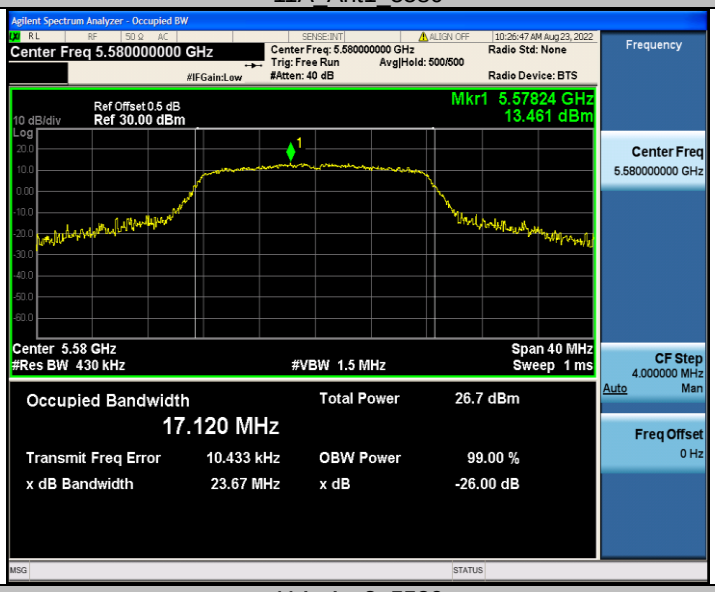

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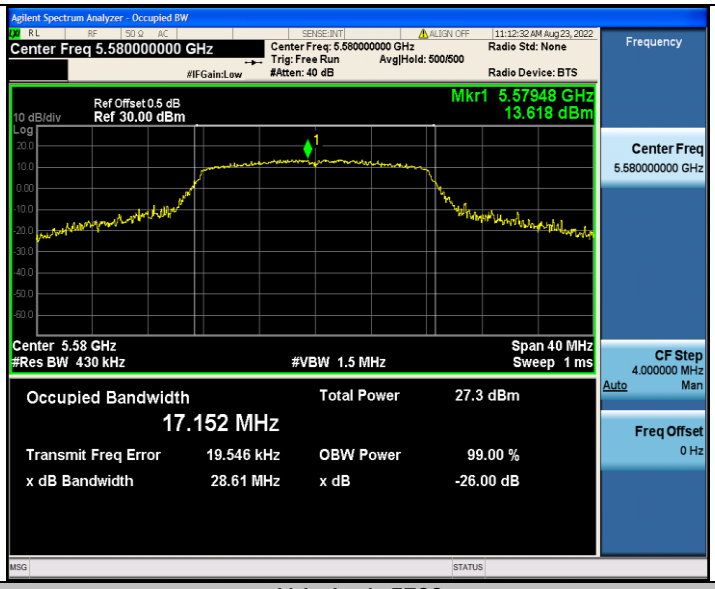
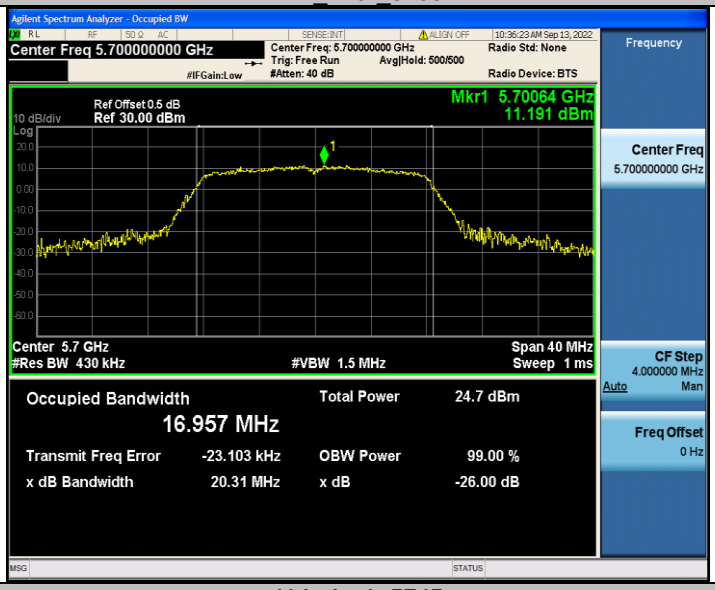


11A_Ant1_5700

11A_Ant2_5700



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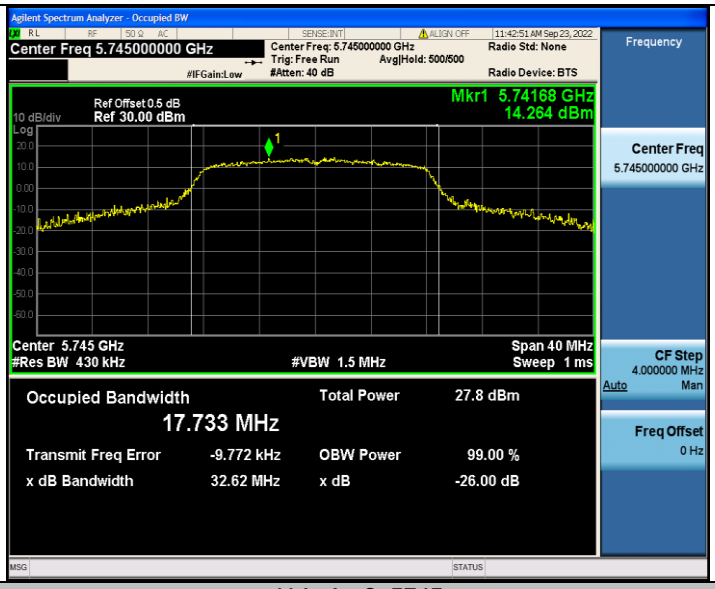

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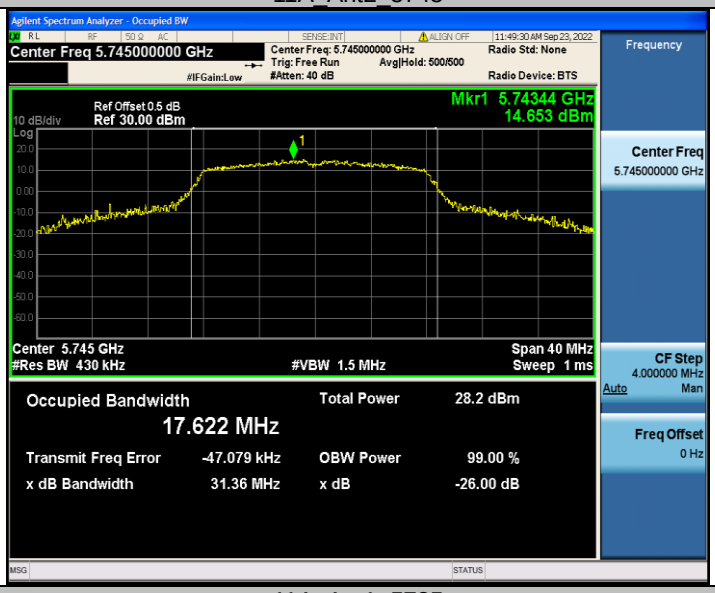

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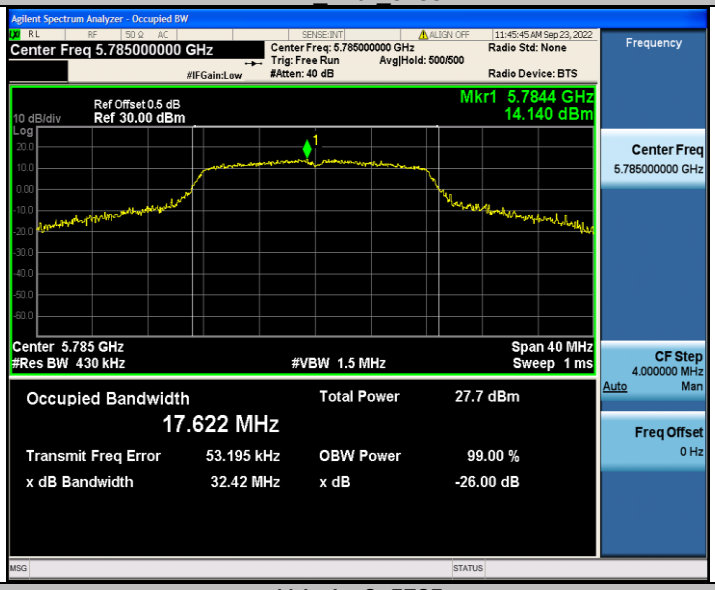

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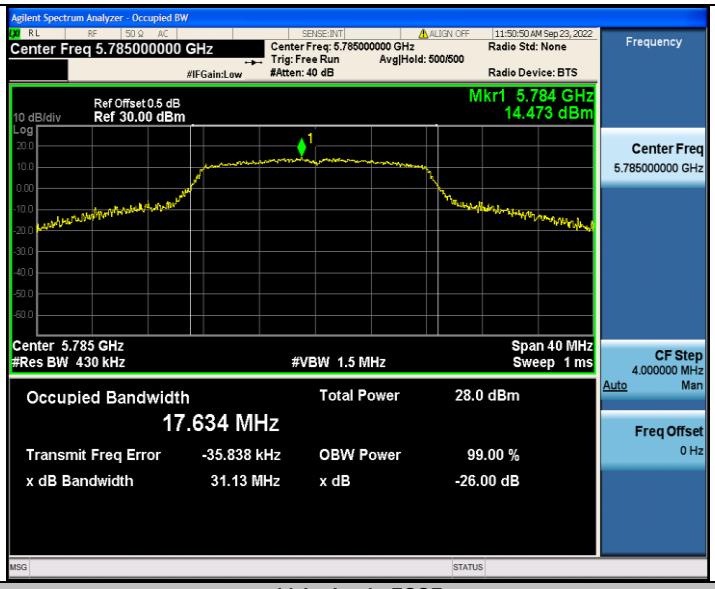

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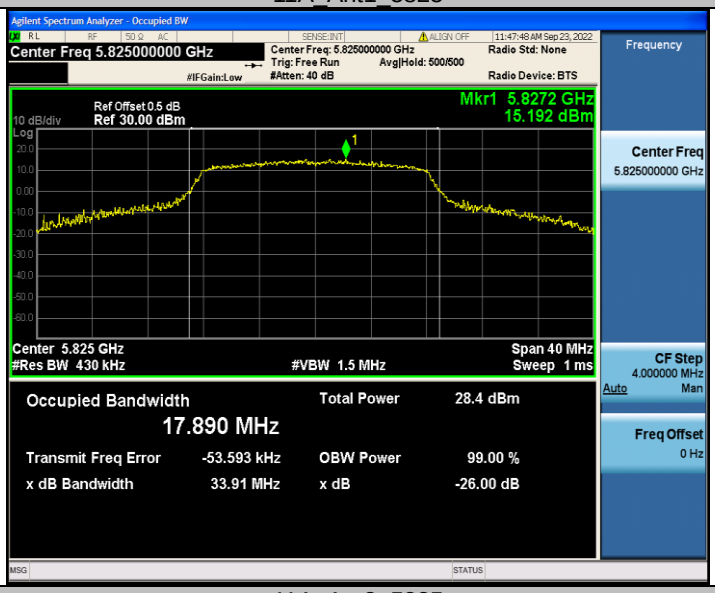

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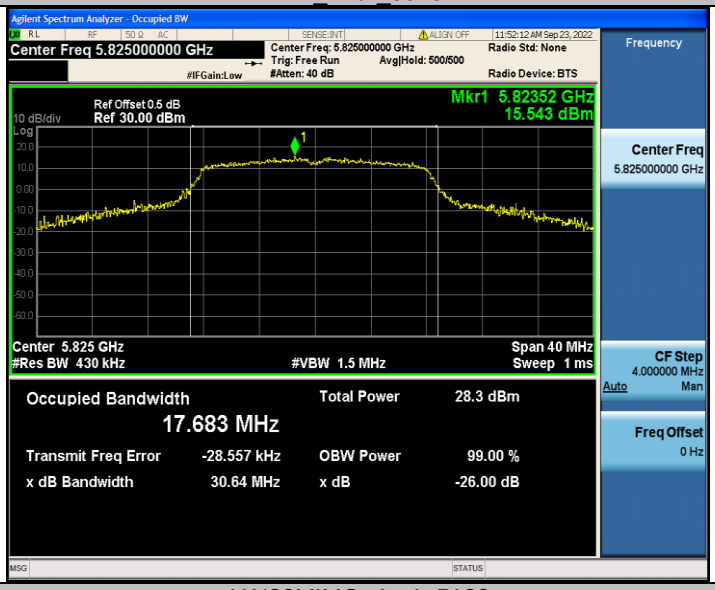
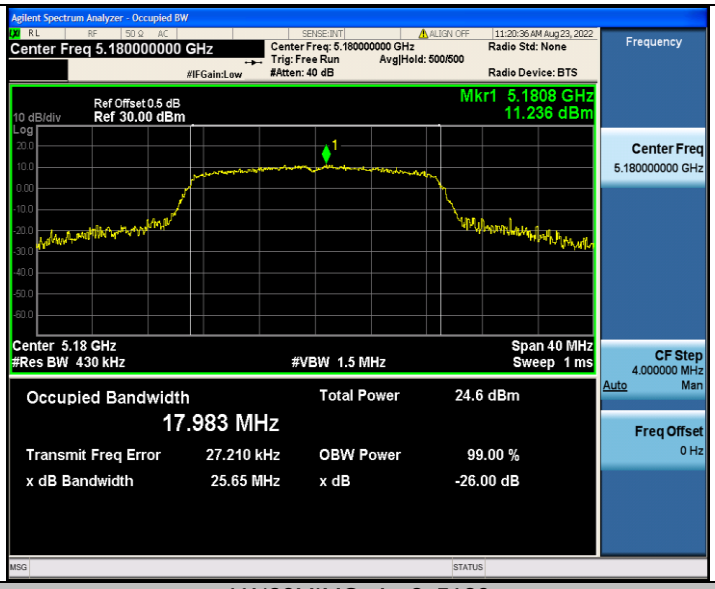


11N20MIMO_Ant1_5180



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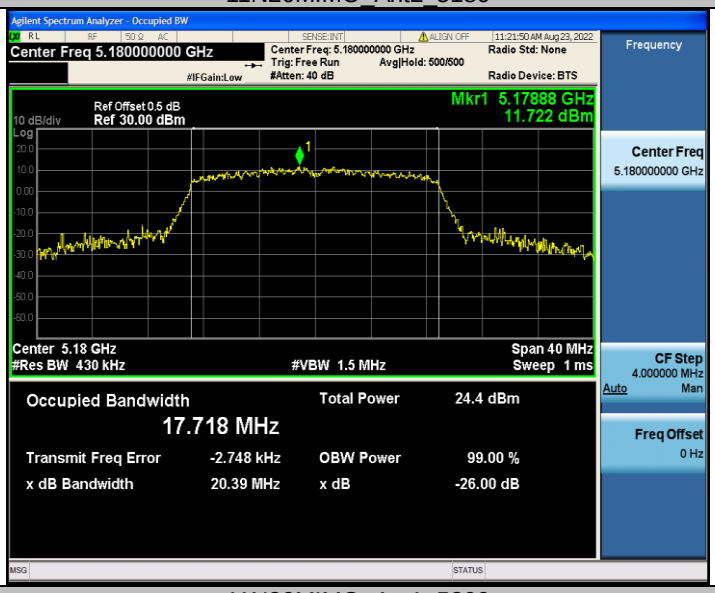
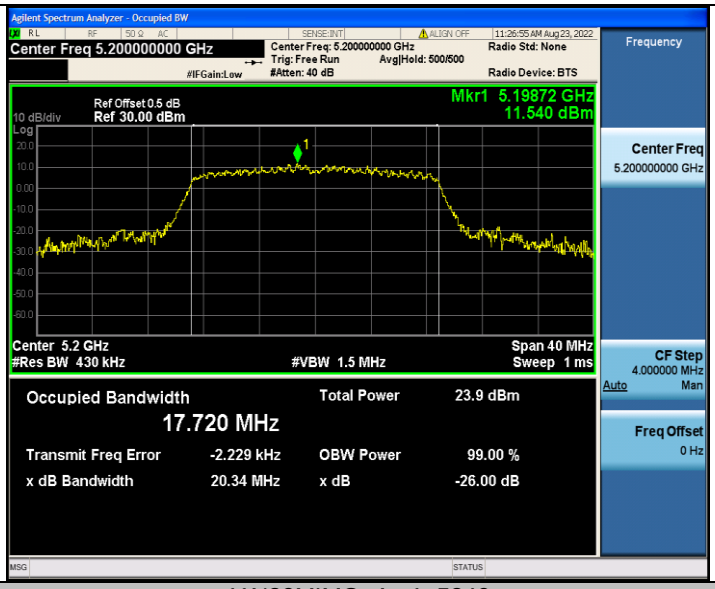
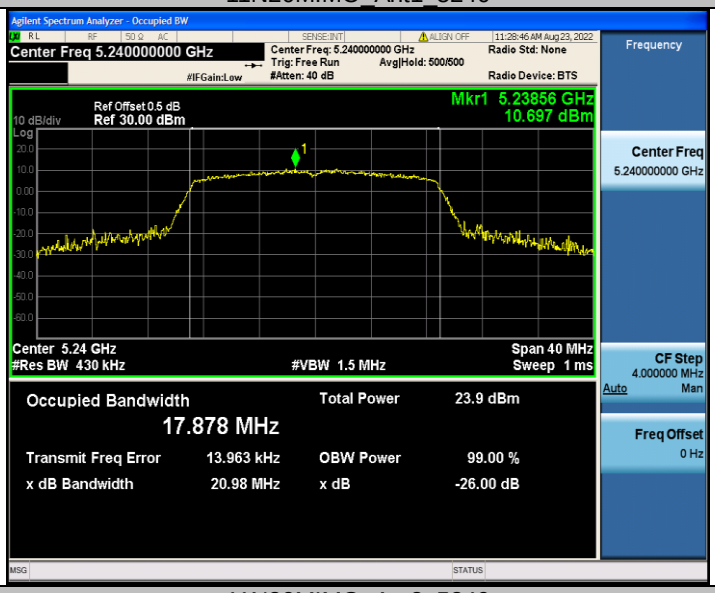


11N20MIMO_Ant1_5200

11N20MIMO_Ant2_5200



11N20MIMO_Ant1_5240



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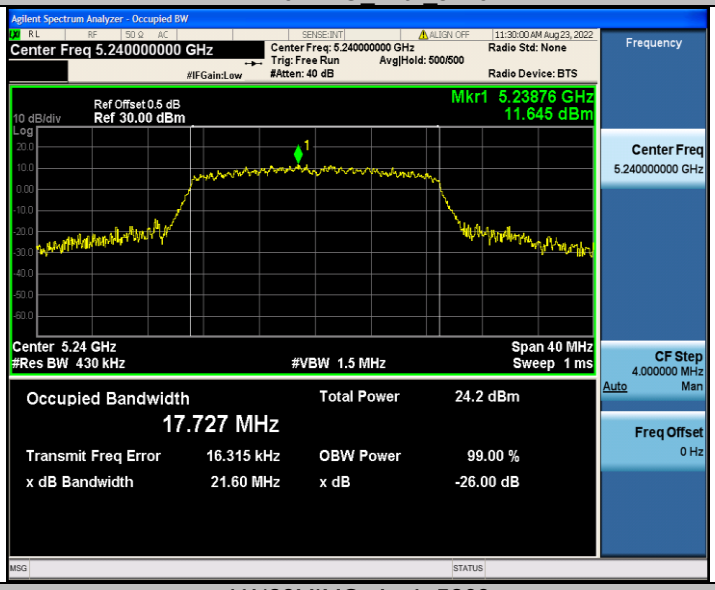
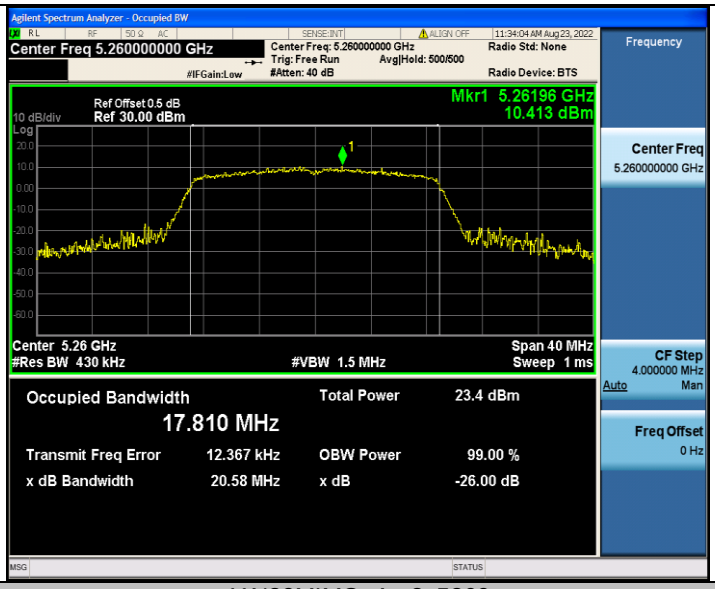


11N20MIMO_Ant1_5260



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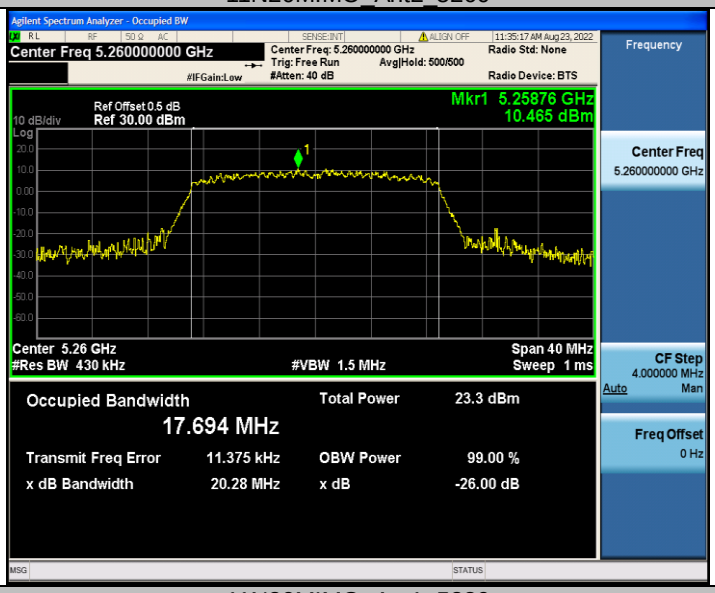

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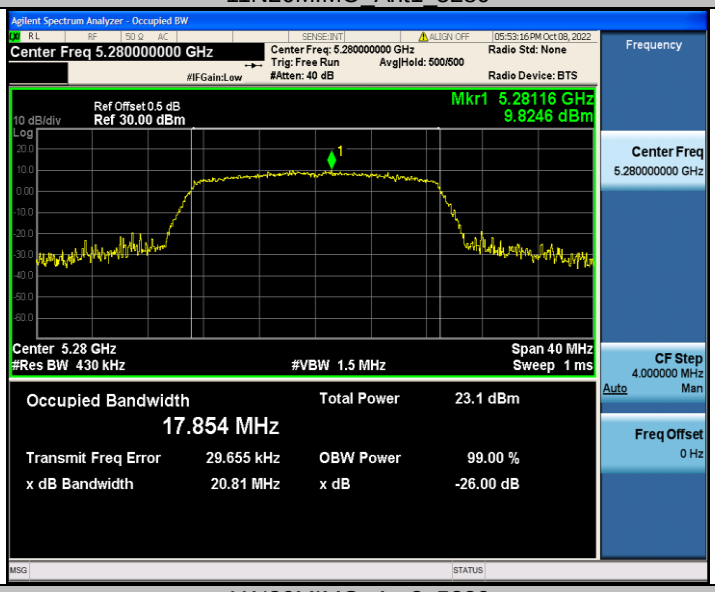

11N20MIMO_Ant2_5280