

RF Test Data for RLAN(5.2G) (Conducted Measurement)

Product Name: OTT+speaker

Trade Mark: N/A

Test Model: SK410A

FCC ID: 2AOVU-SK410AX

Environmental Conditions

Temperature:	25.5°C
Relative Humidity:	55%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

Appendix A1: Emission Bandwidth

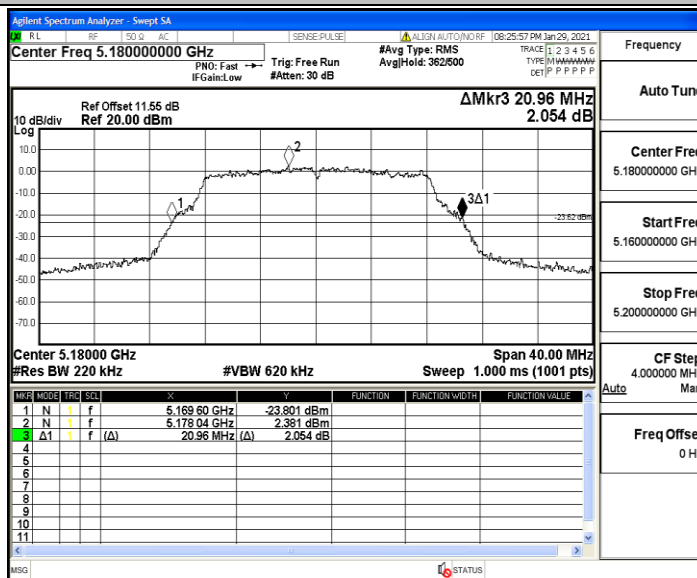
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.960	5169.600	5190.560	---	PASS
	Ant2	5180	21.200	5169.560	5190.760	---	PASS
	Ant1	5200	21.440	5189.400	5210.840	---	PASS
	Ant2	5200	21.480	5189.320	5210.800	---	PASS
	Ant1	5240	21.360	5229.400	5250.760	---	PASS
	Ant2	5240	21.400	5229.280	5250.680	---	PASS
11N20MIMO	Ant1	5180	21.600	5169.320	5190.920	---	PASS
	Ant2	5180	21.280	5169.360	5190.640	---	PASS
	Ant1	5200	21.360	5189.400	5210.760	---	PASS
	Ant2	5200	21.800	5189.200	5211.000	---	PASS
	Ant1	5240	21.400	5229.320	5250.720	---	PASS
	Ant2	5240	21.640	5229.200	5250.840	---	PASS
11N40MIMO	Ant1	5190	39.520	5170.400	5209.920	---	PASS
	Ant2	5190	39.600	5170.240	5209.840	---	PASS
	Ant1	5230	39.440	5210.400	5249.840	---	PASS
	Ant2	5230	39.440	5210.480	5249.920	---	PASS
11AC20MIMO	Ant1	5180	21.440	5169.320	5190.760	---	PASS
	Ant2	5180	21.480	5169.320	5190.800	---	PASS
	Ant1	5200	21.480	5189.280	5210.760	---	PASS
	Ant2	5200	21.560	5189.360	5210.920	---	PASS
	Ant1	5240	21.560	5229.240	5250.800	---	PASS
	Ant2	5240	21.560	5229.320	5250.880	---	PASS
11AC40MIMO	Ant1	5190	40.160	5170.000	5210.160	---	PASS
	Ant2	5190	39.760	5170.160	5209.920	---	PASS
	Ant1	5230	39.760	5210.320	5250.080	---	PASS
	Ant2	5230	39.520	5210.320	5249.840	---	PASS

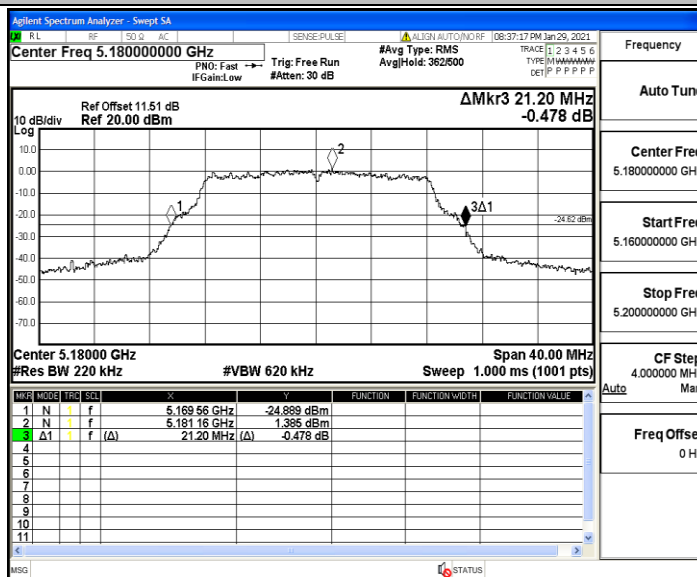
11AC80MIMO	Ant1	5210	81.280	5169.680	5250.960	---	PASS
	Ant2	5210	81.280	5169.520	5250.800	---	PASS
11AX20MIMO	Ant1	5180	21.280	5169.440	5190.720	---	PASS
	Ant2	5180	21.400	5169.480	5190.880	---	PASS
	Ant1	5200	21.360	5189.400	5210.760	---	PASS
	Ant2	5200	21.440	5189.400	5210.840	---	PASS
	Ant1	5240	21.520	5229.240	5250.760	---	PASS
	Ant2	5240	21.520	5229.320	5250.840	---	PASS
11AX40MIMO	Ant1	5190	39.520	5170.320	5209.840	---	PASS
	Ant2	5190	39.840	5170.240	5210.080	---	PASS
	Ant1	5230	39.840	5210.160	5250.000	---	PASS
	Ant2	5230	39.440	5210.400	5249.840	---	PASS
11AX80MIMO	Ant1	5210	80.960	5169.840	5250.800	---	PASS
	Ant2	5210	81.440	5169.360	5250.800	---	PASS

Test Graphs

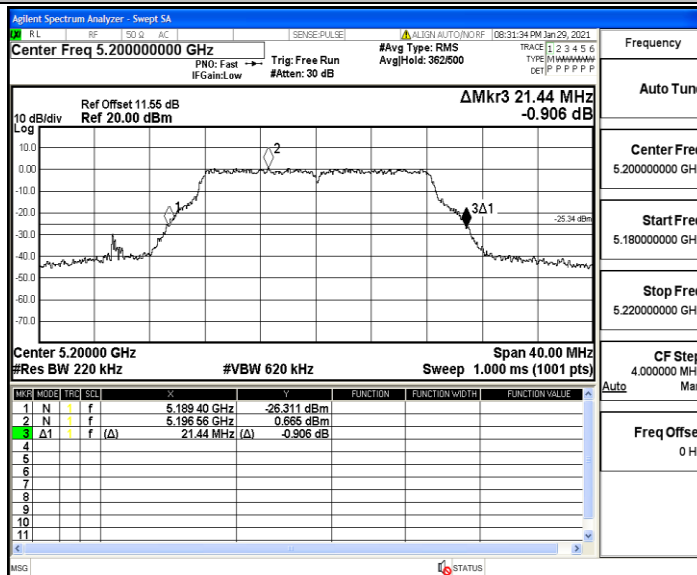
11A_Ant1_5180



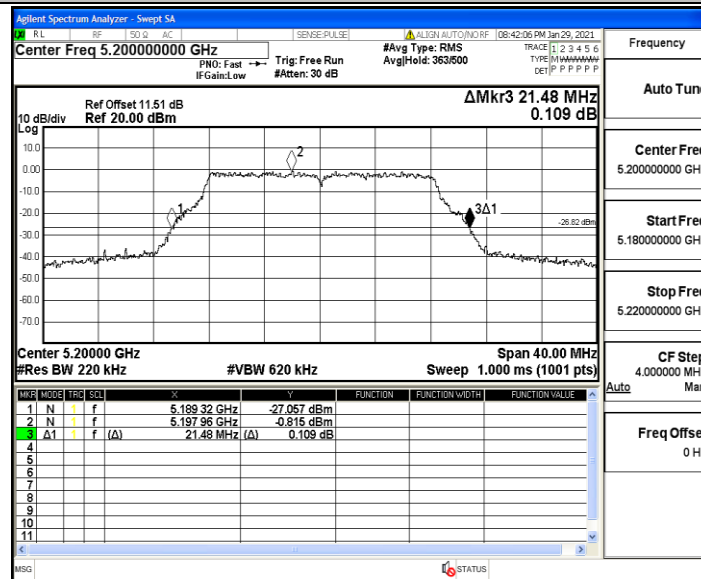
11A_Ant2_5180



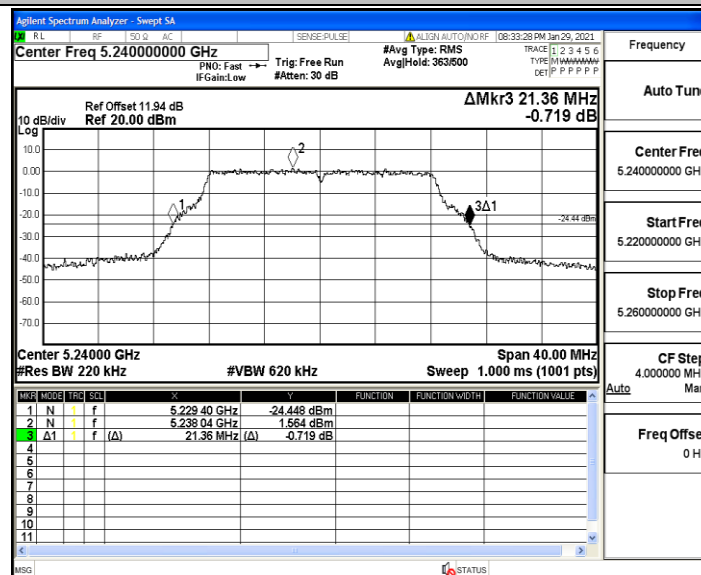
11A_Ant1_5200



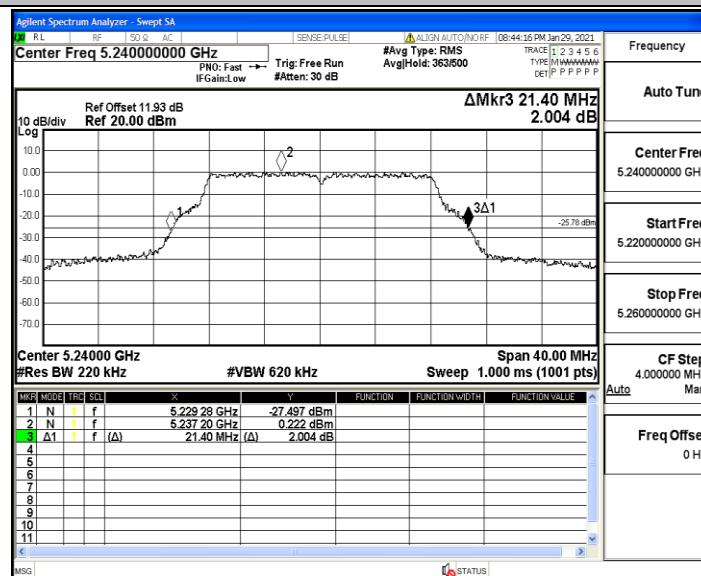
11A_Ant2_5200



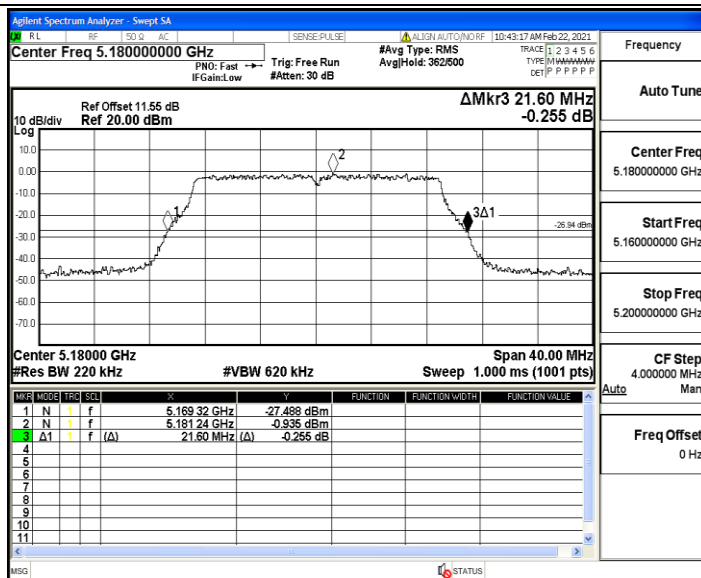
11A_Ant1_5240



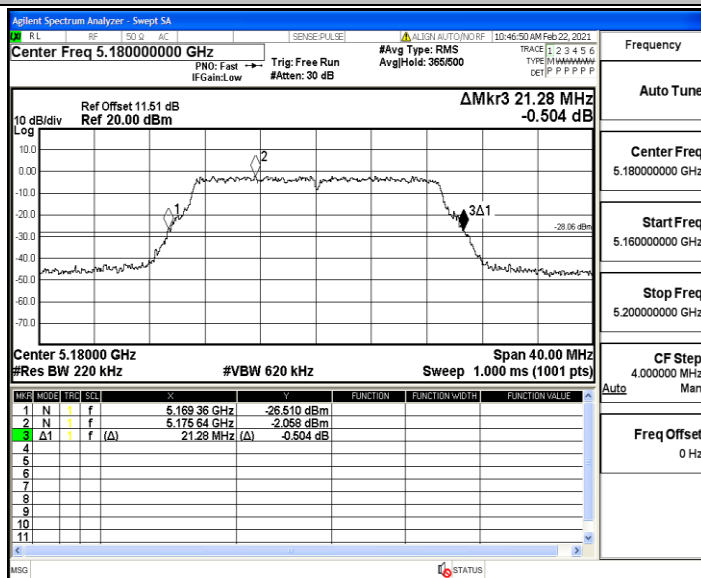
11A_Ant2_5240



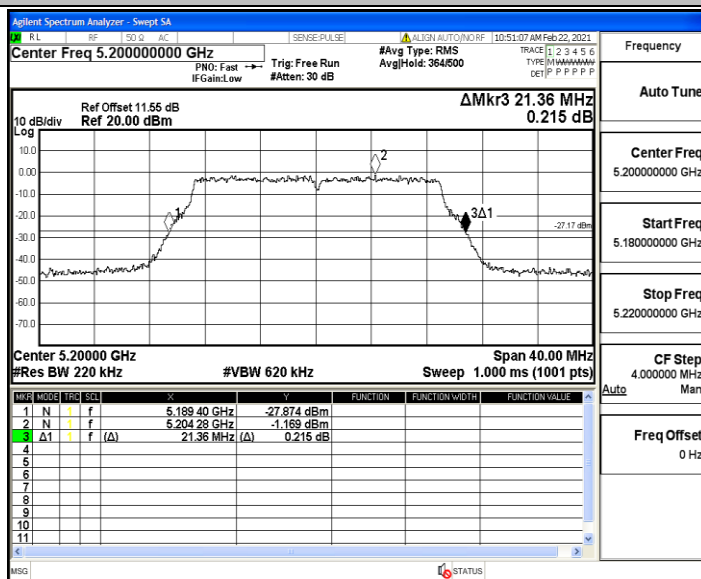
11N20MIMO_Ant1_5180



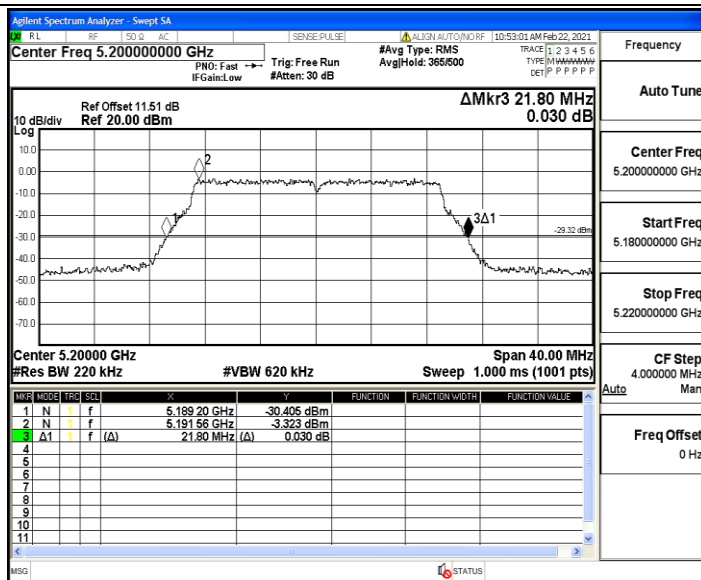
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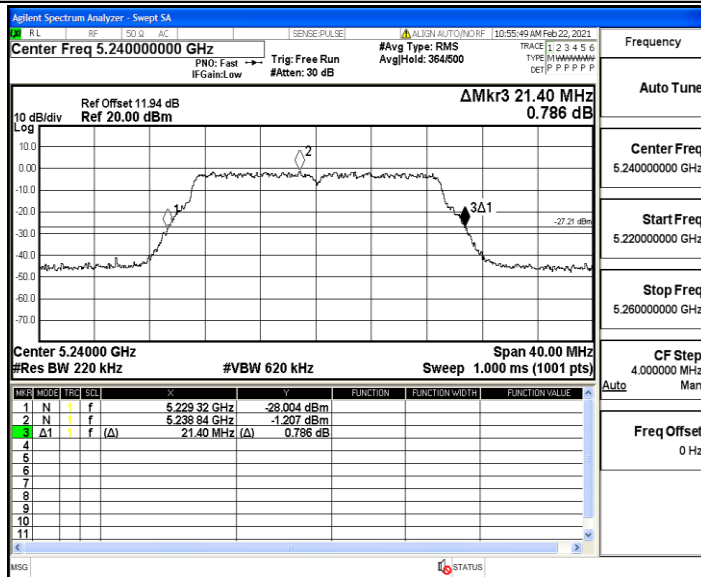
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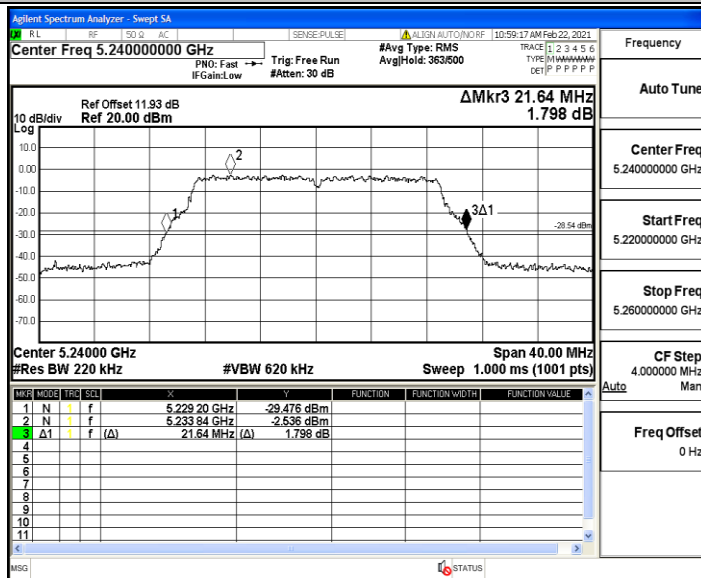
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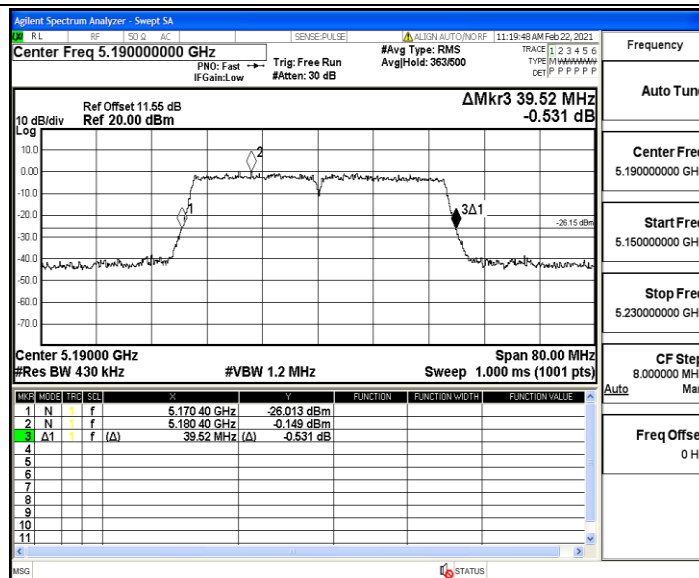
11N20MIMO_Ant1_5240



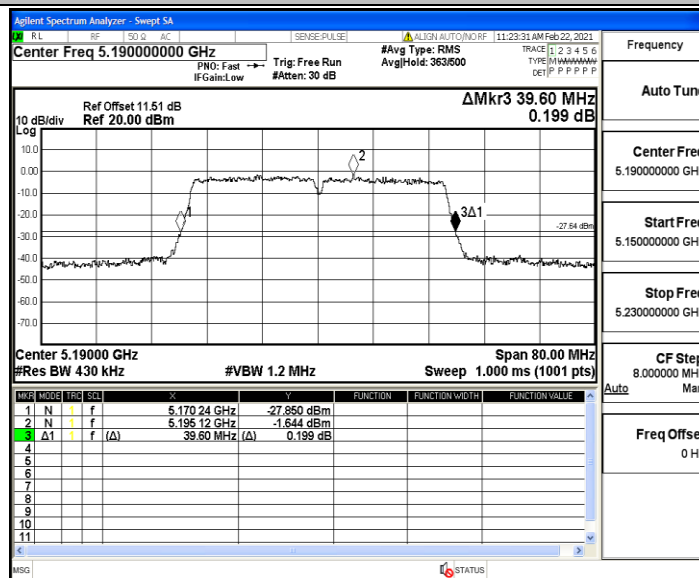
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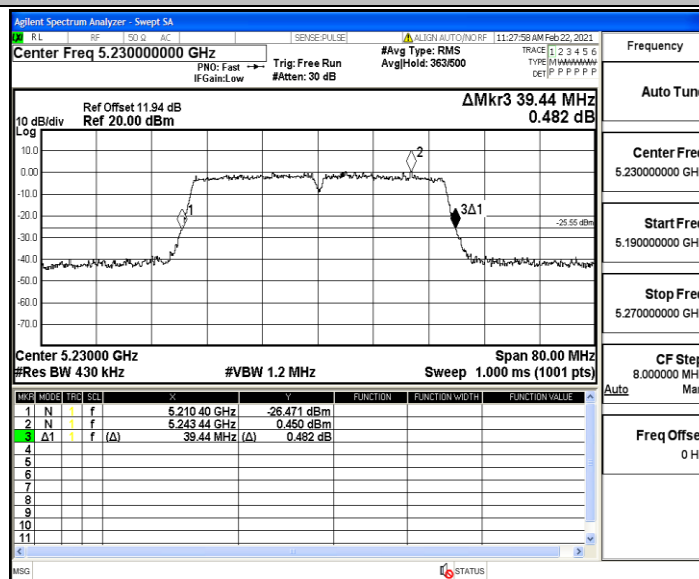
11N40MIMO_Ant1_5190



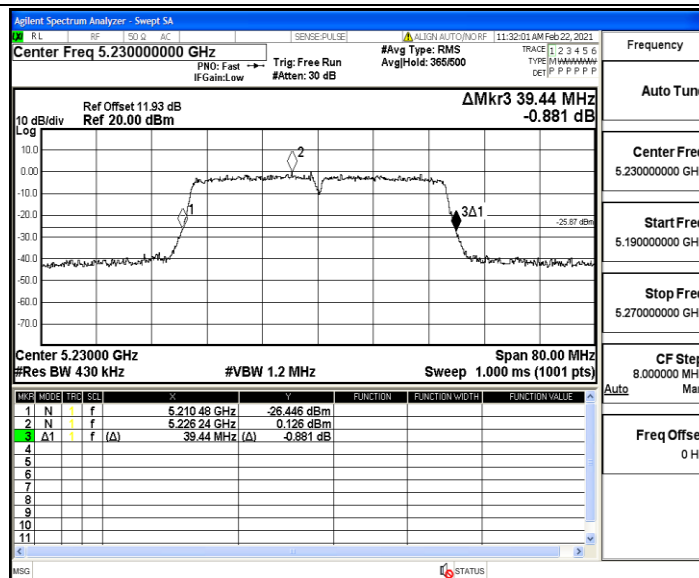
11N40MIMO_Ant2_5190



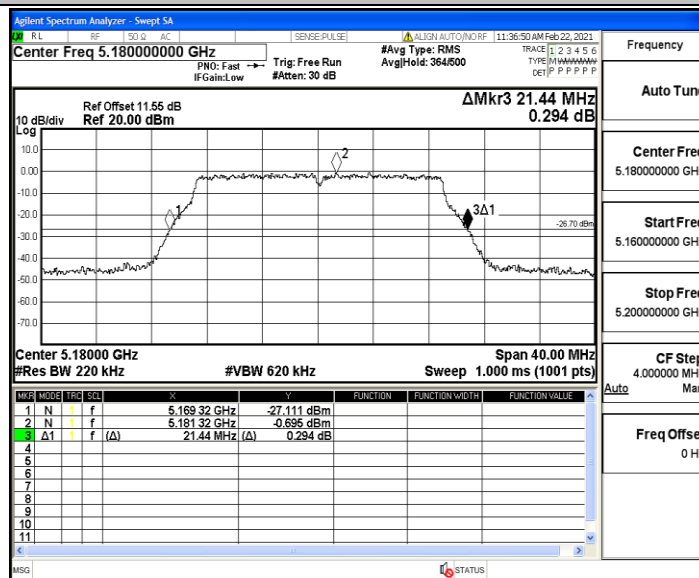
11N40MIMO_Ant1_5230



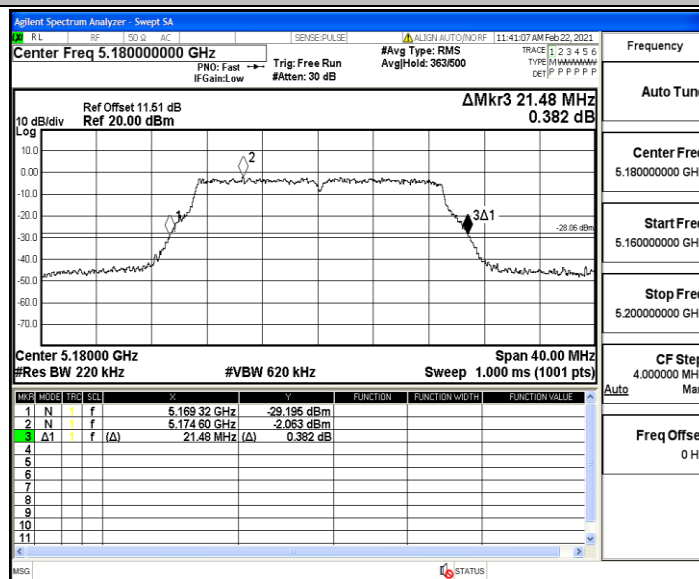
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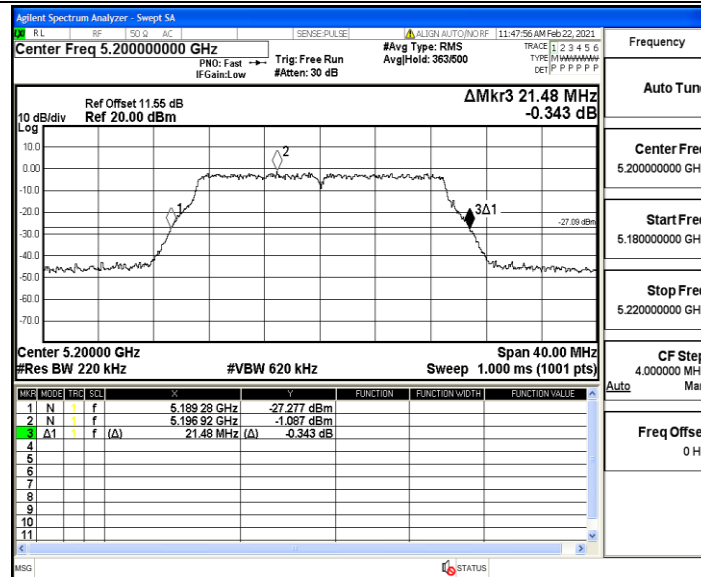
11AC20MIMO_Ant1_5180



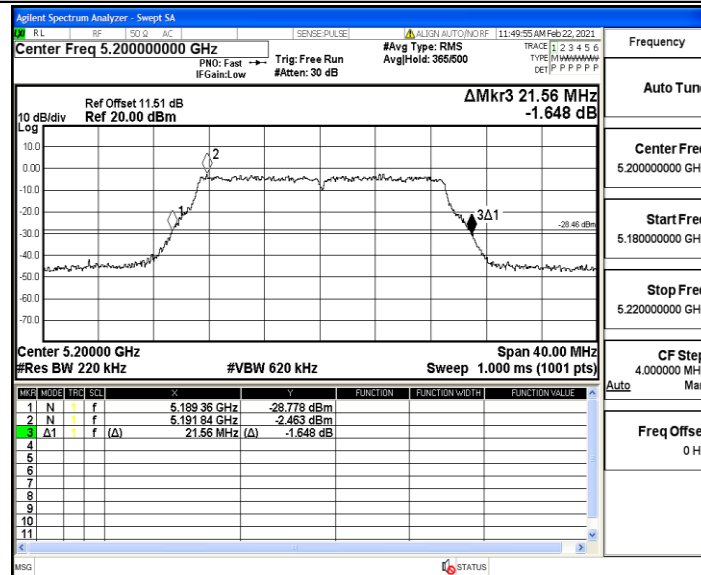
11AC20MIMO_Ant2_5180



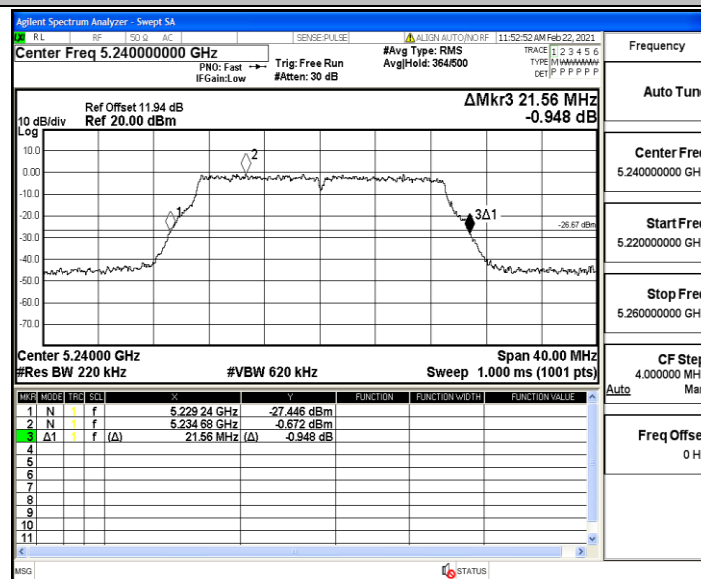
11AC20MIMO_Ant1_5200



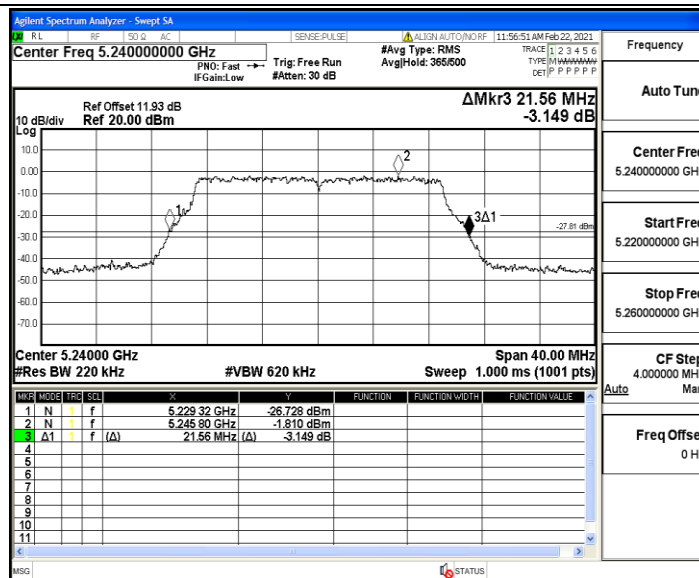
11AC20MIMO_Ant2_5200



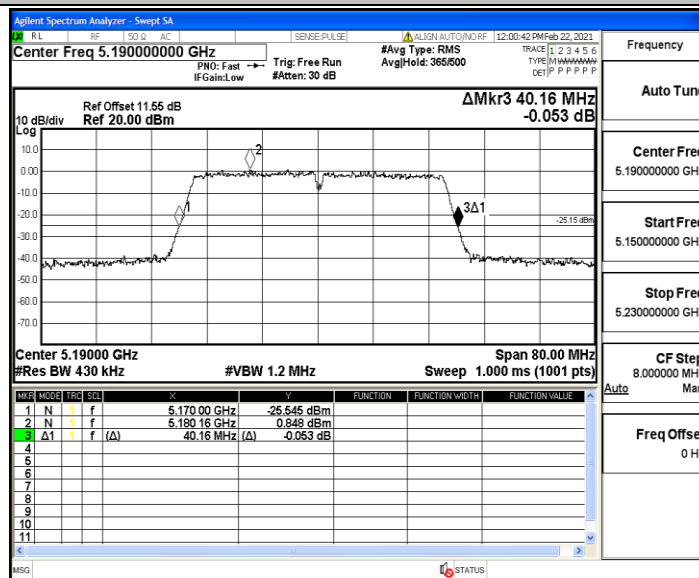
11AC20MIMO_Ant1_5240



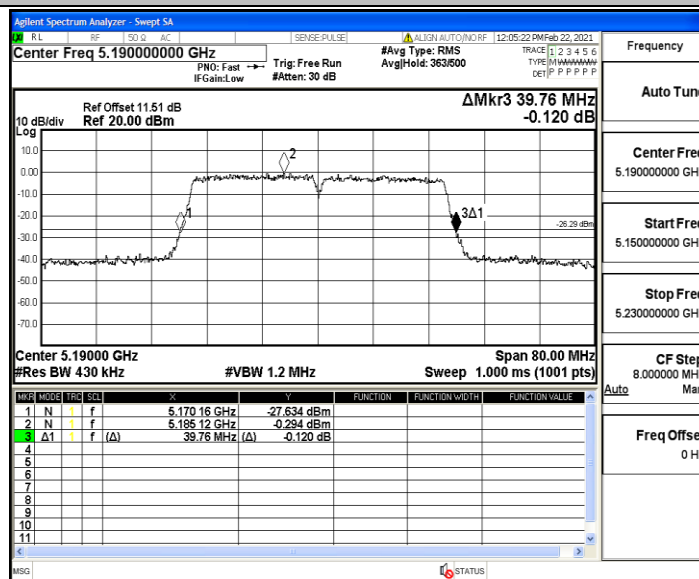
11AC20MIMO_Ant2_5240



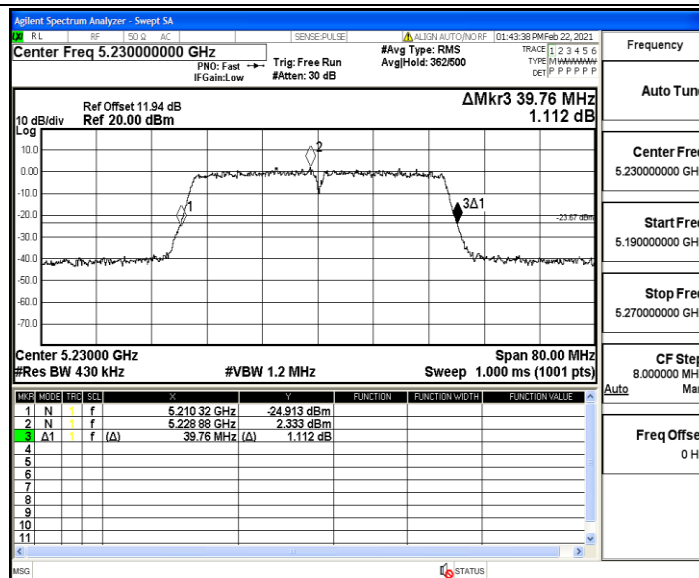
11AC40MIMO_Ant1_5190



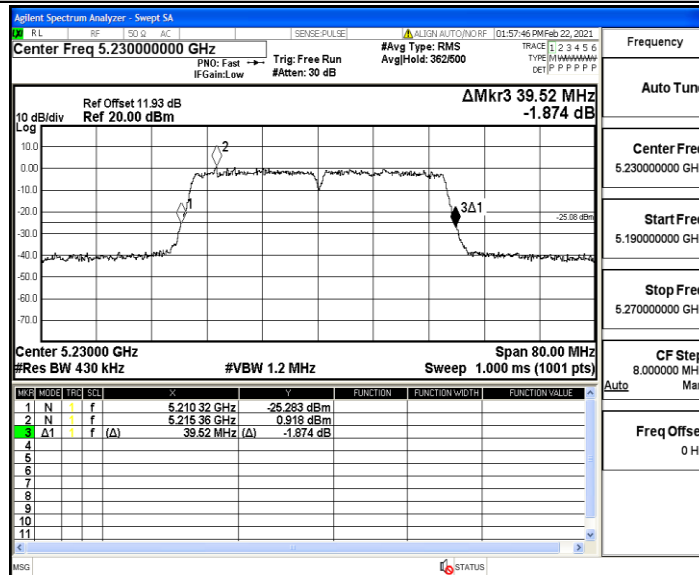
11AC40MIMO_Ant2_5190



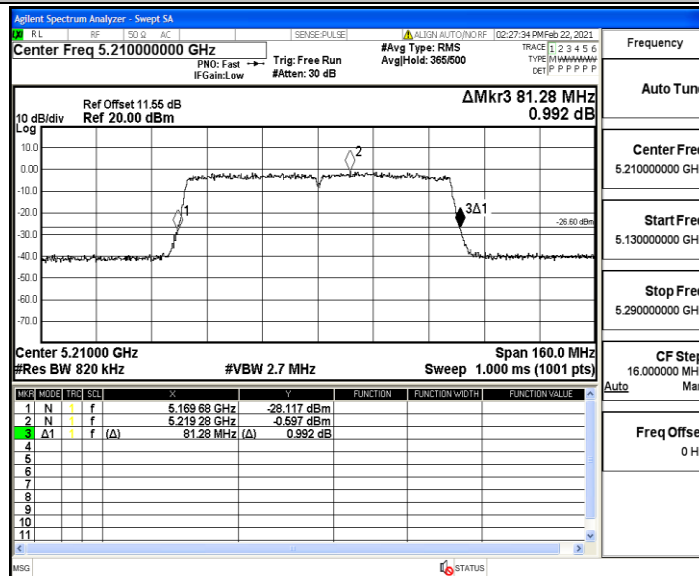
11AC40MIMO_Ant1_5230



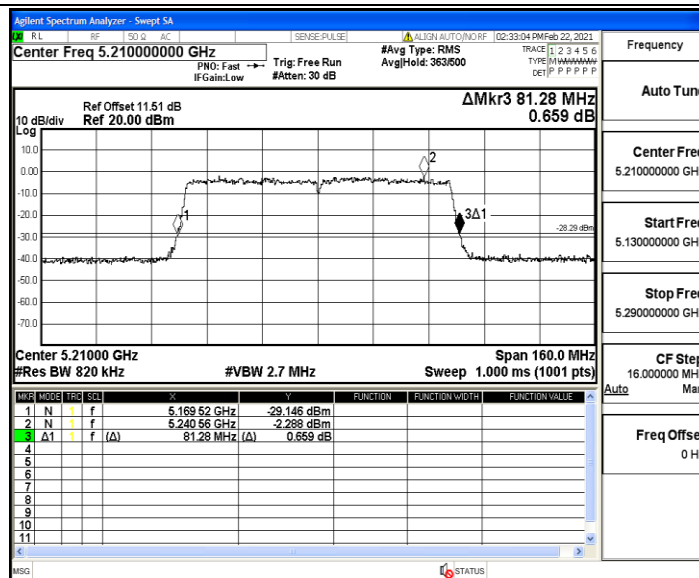
11AC40MIMO_Ant2_5230



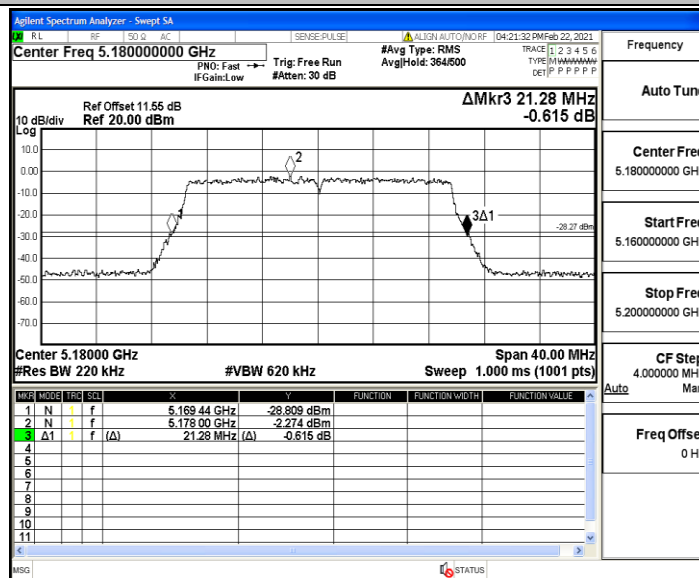
11AC80MIMO_Ant1_5210



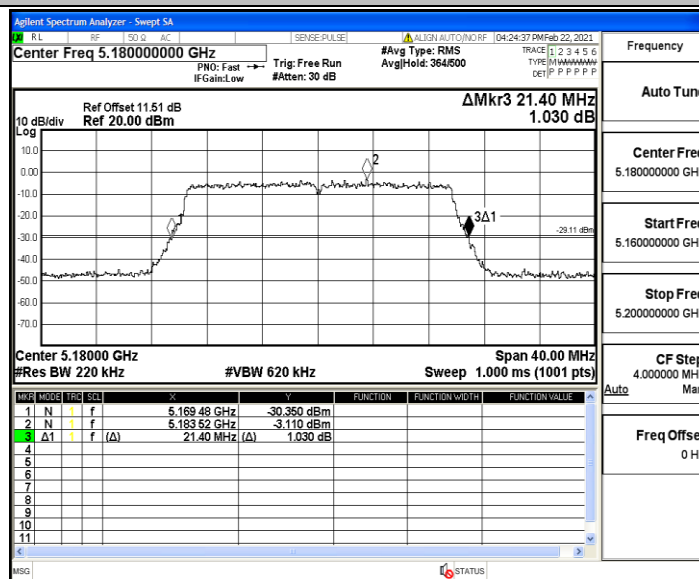
11AC80MIMO_Ant2_5210



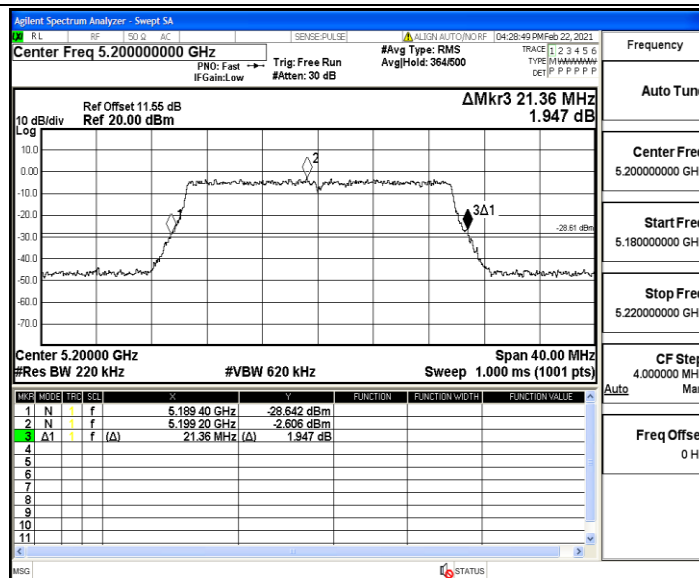
11AX20MIMO_Ant1_5180



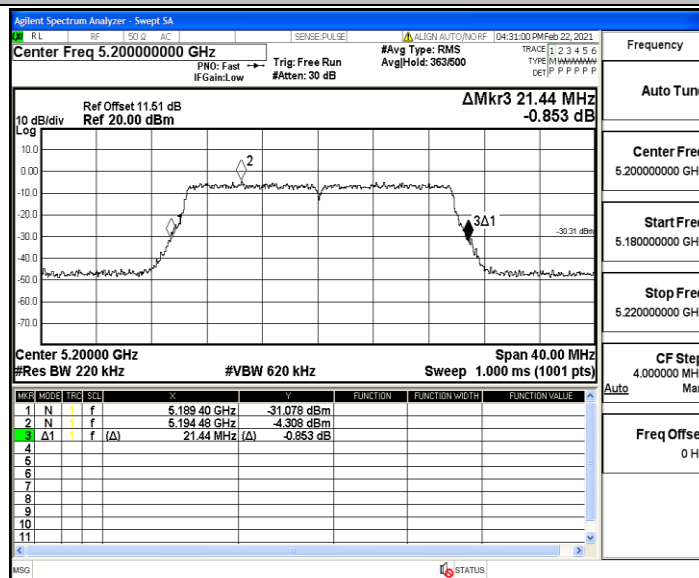
11AX20MIMO_Ant2_5180



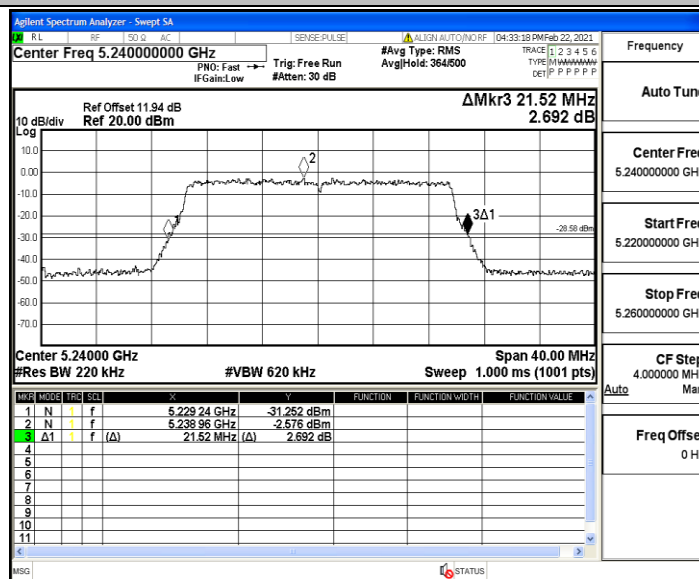
11AX20MIMO_Ant1_5200



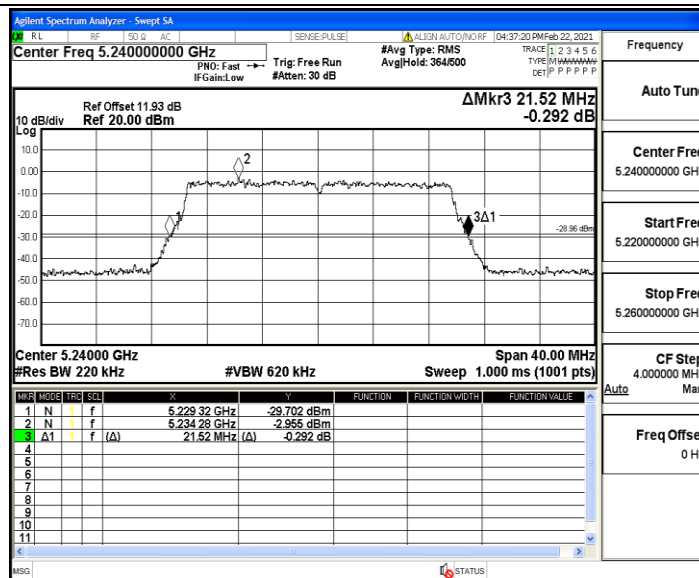
11AX20MIMO_Ant2_5200



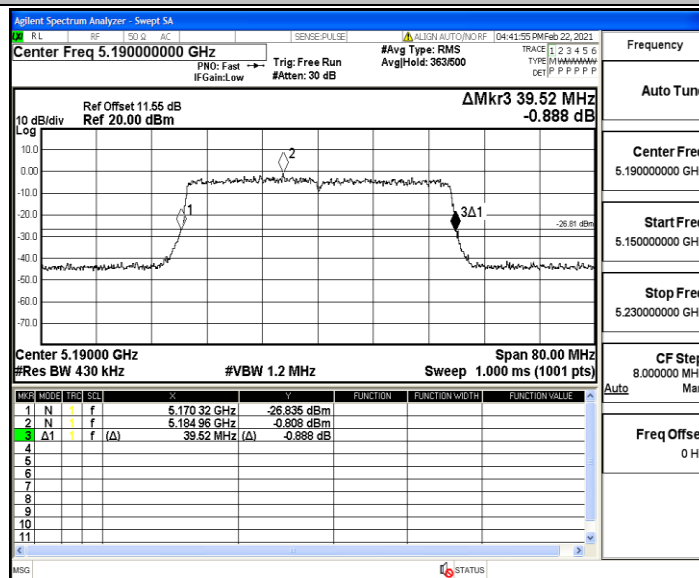
11AX20MIMO_Ant1_5240



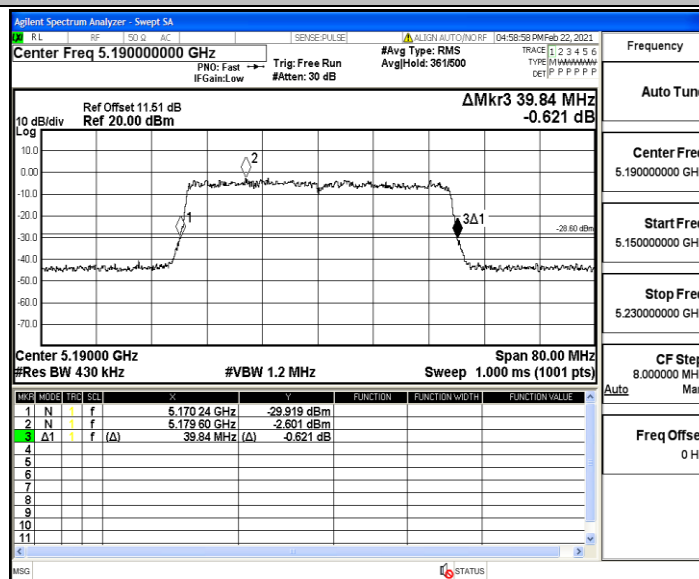
11AX20MIMO_Ant2_5240



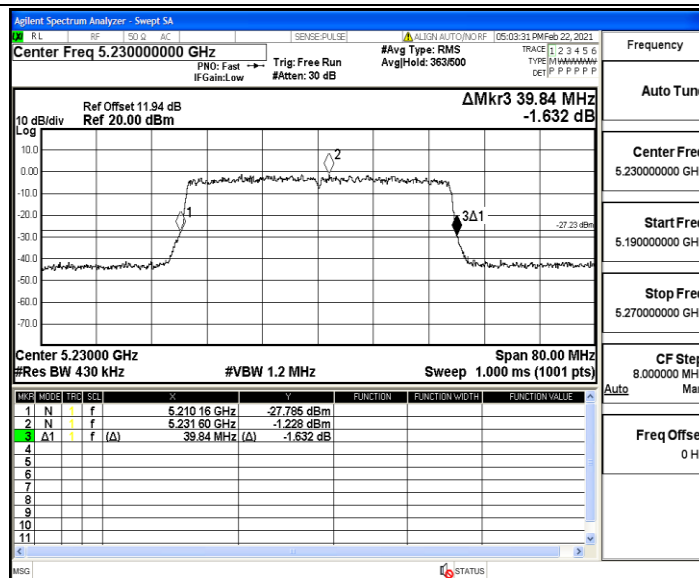
11AX40MIMO_Ant1_5190



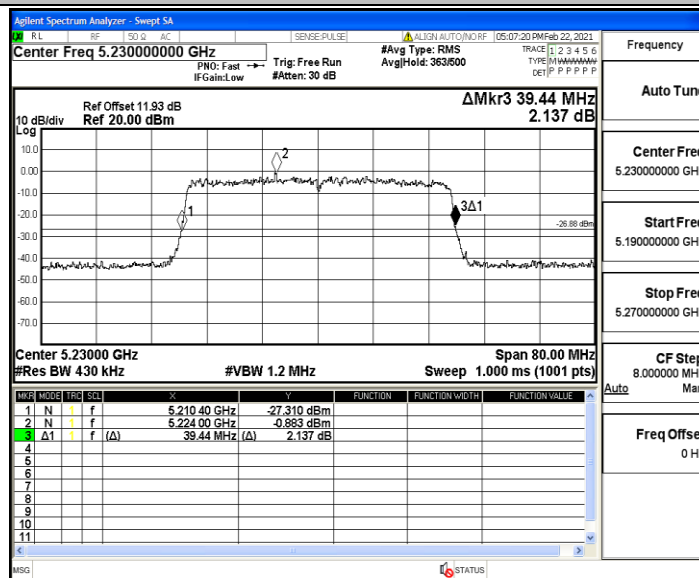
11AX40MIMO_Ant2_5190



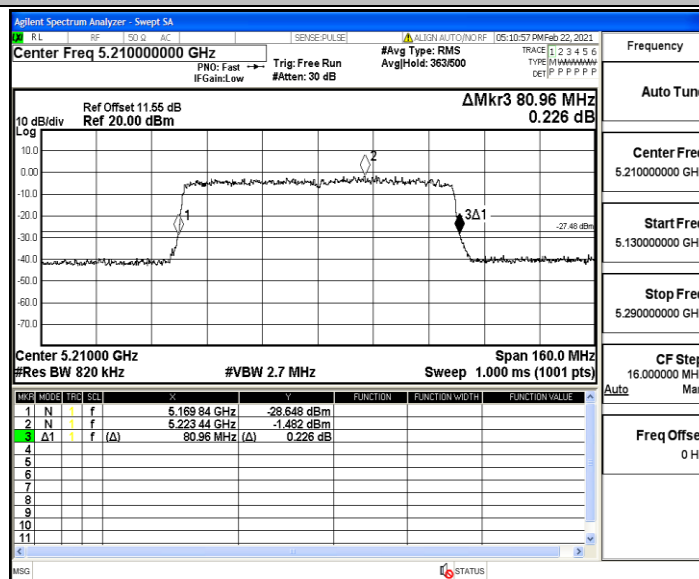
11AX40MIMO_Ant1_5230



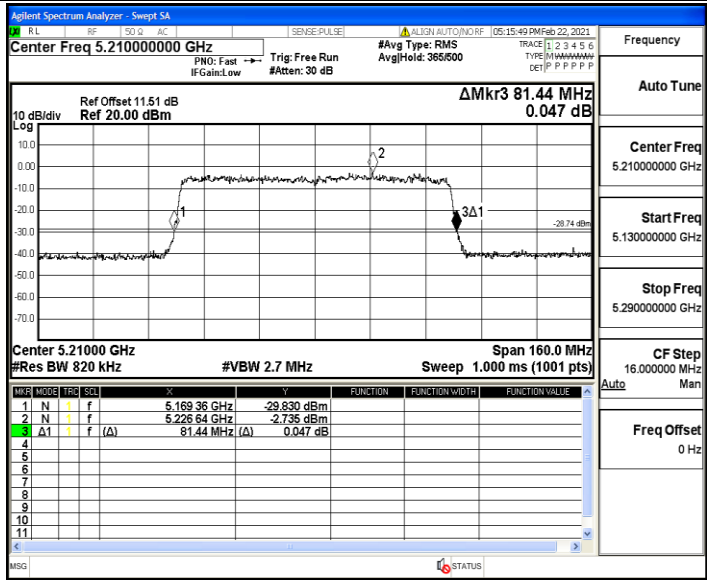
11AX40MIMO_Ant2_5230



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



Appendix A2: Occupied channel bandwidth

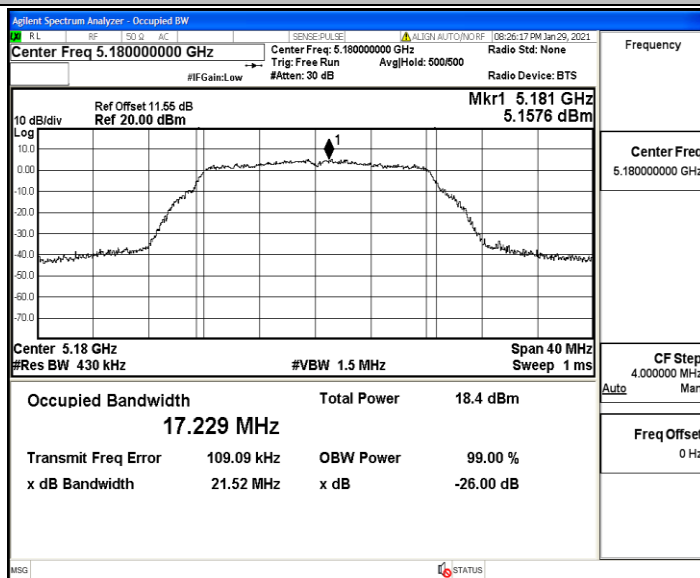
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.229	5171.495	5188.724	---	PASS
	Ant2	5180	17.197	5171.464	5188.661	---	PASS
	Ant1	5200	17.582	5191.289	5208.871	---	PASS
	Ant2	5200	17.638	5191.241	5208.879	---	PASS
	Ant1	5240	17.523	5231.291	5248.814	---	PASS
	Ant2	5240	17.472	5231.324	5248.796	---	PASS
11N20MIMO	Ant1	5180	18.206	5171.002	5189.208	---	PASS
	Ant2	5180	18.225	5170.988	5189.213	---	PASS
	Ant1	5200	18.285	5190.972	5209.257	---	PASS
	Ant2	5200	18.277	5190.964	5209.241	---	PASS
	Ant1	5240	18.295	5230.912	5249.207	---	PASS
	Ant2	5240	18.242	5230.955	5249.197	---	PASS
11N40MIMO	Ant1	5190	36.476	5171.914	5208.390	---	PASS
	Ant2	5190	36.498	5171.829	5208.327	---	PASS
	Ant1	5230	36.448	5211.914	5248.362	---	PASS
	Ant2	5230	36.432	5211.907	5248.339	---	PASS
11AC20MIMO	Ant1	5180	18.253	5170.931	5189.184	---	PASS
	Ant2	5180	18.201	5170.978	5189.179	---	PASS
	Ant1	5200	18.380	5190.881	5209.261	---	PASS
	Ant2	5200	18.347	5190.896	5209.243	---	PASS
	Ant1	5240	18.338	5230.860	5249.198	---	PASS
	Ant2	5240	18.288	5230.921	5249.209	---	PASS
11AC40MIMO	Ant1	5190	36.780	5171.683	5208.463	---	PASS
	Ant2	5190	36.537	5171.786	5208.323	---	PASS
	Ant1	5230	36.636	5211.772	5248.408	---	PASS
	Ant2	5230	36.423	5211.897	5248.320	---	PASS
11AC80MIMO	Ant1	5210	76.034	5172.179	5248.213	---	PASS
	Ant2	5210	76.012	5172.222	5248.234	---	PASS
11AX20MIMO	Ant1	5180	19.099	5170.548	5189.647	---	PASS
	Ant2	5180	19.093	5170.576	5189.669	---	PASS
	Ant1	5200	19.176	5190.501	5209.677	---	PASS
	Ant2	5200	19.185	5190.537	5209.722	---	PASS
	Ant1	5240	19.137	5230.490	5249.627	---	PASS
	Ant2	5240	19.211	5230.481	5249.692	---	PASS
11AX40MIMO	Ant1	5190	37.657	5171.290	5208.947	---	PASS
	Ant2	5190	37.596	5171.321	5208.917	---	PASS
	Ant1	5230	37.544	5211.365	5248.909	---	PASS
	Ant2	5230	37.648	5211.278	5248.926	---	PASS
11AX80MIMO	Ant1	5210	77.076	5171.665	5248.741	---	PASS

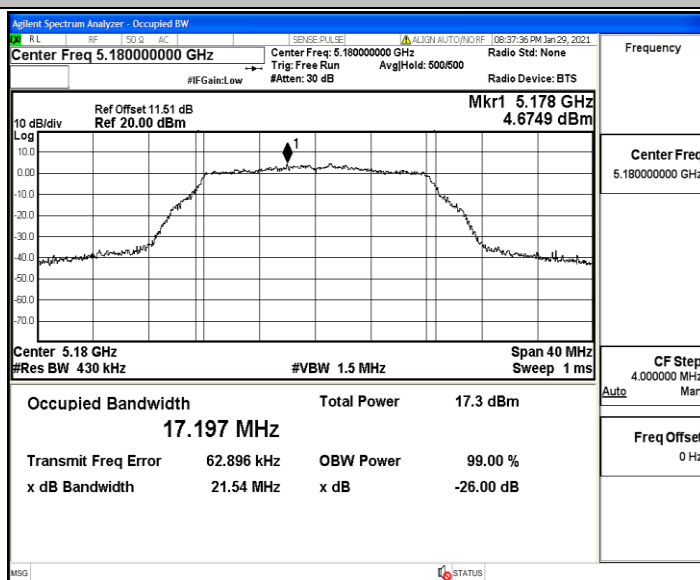
	Ant2	5210	77.144	5171.621	5248.765	---	PASS
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Test Graphs

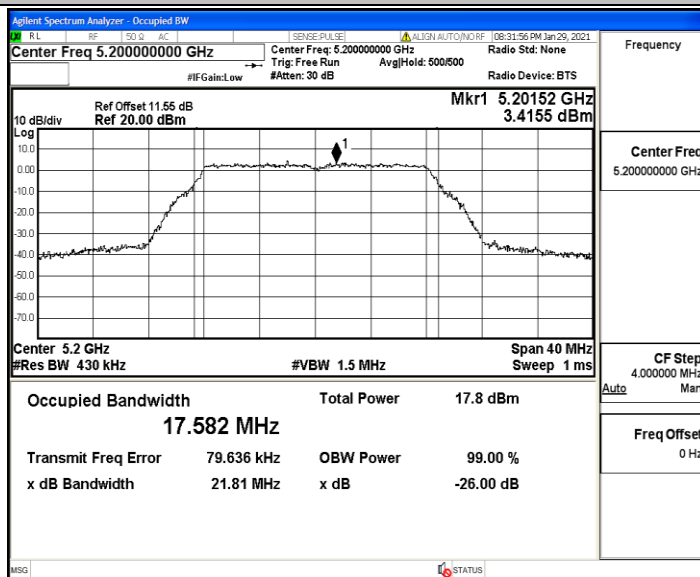
11A_Ant1_5180



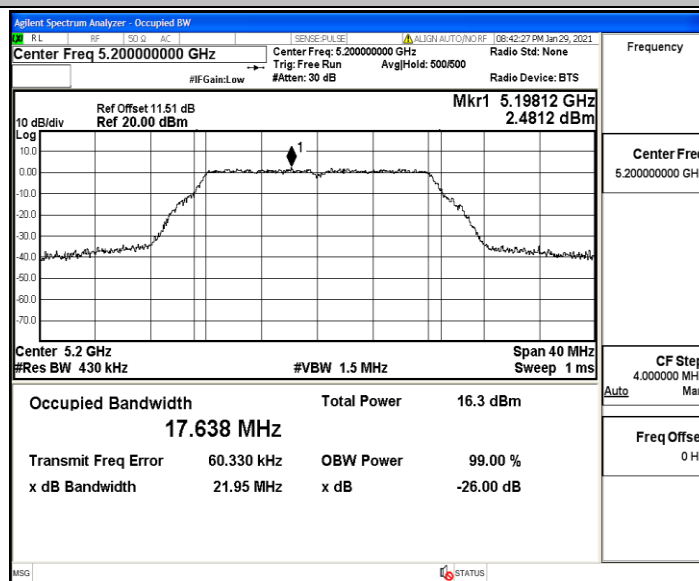
11A_Ant2_5180



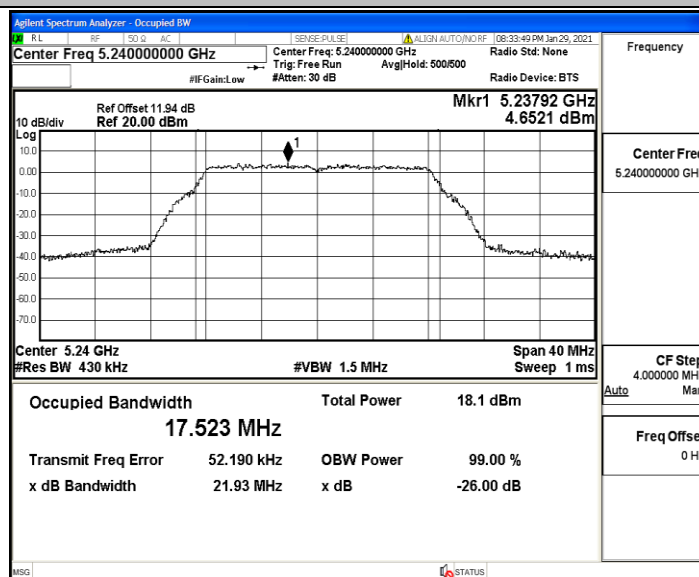
11A_Ant1_5200



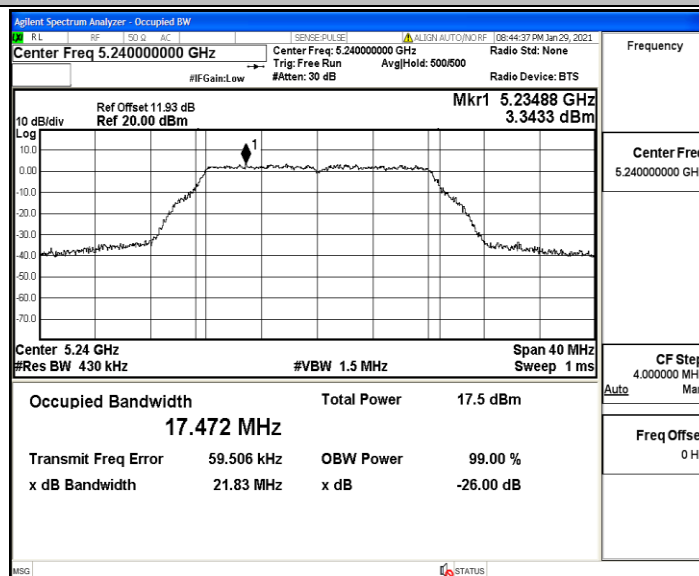
11A_Ant2_5200



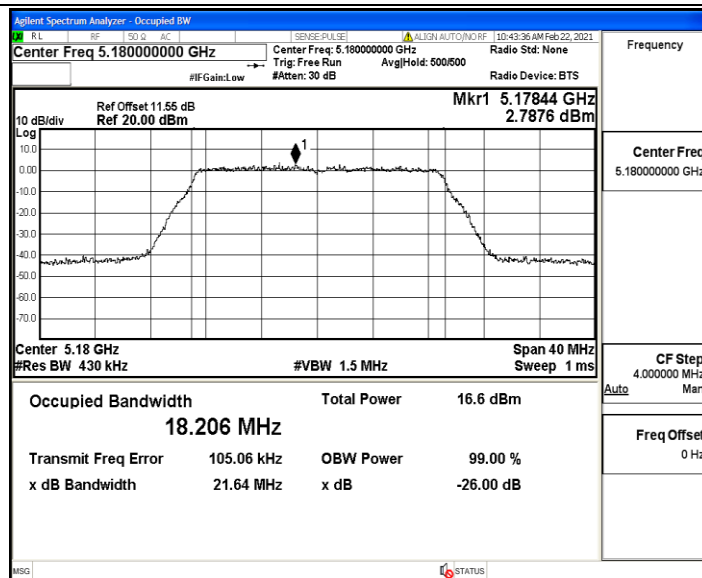
11A_Ant1_5240



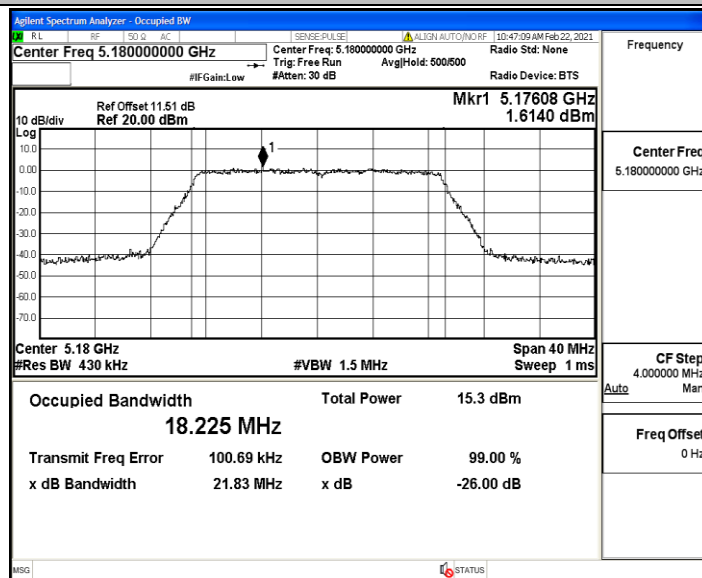
11A_Ant2_5240



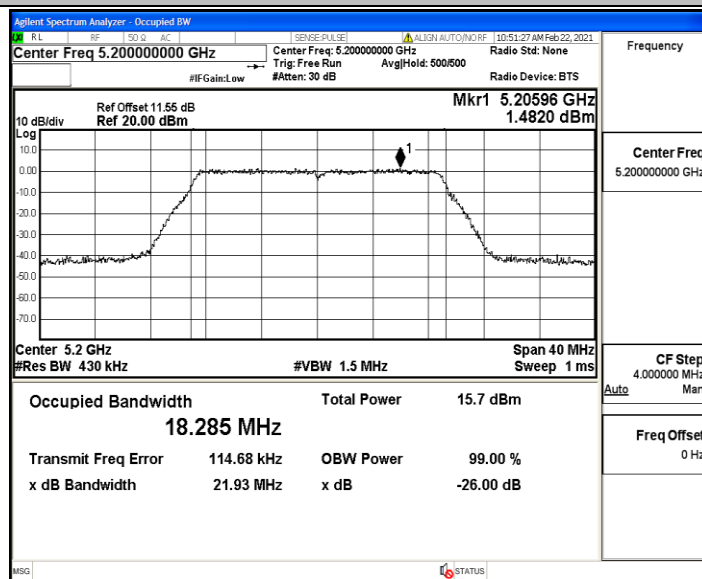
11N20MIMO_Ant1_5180



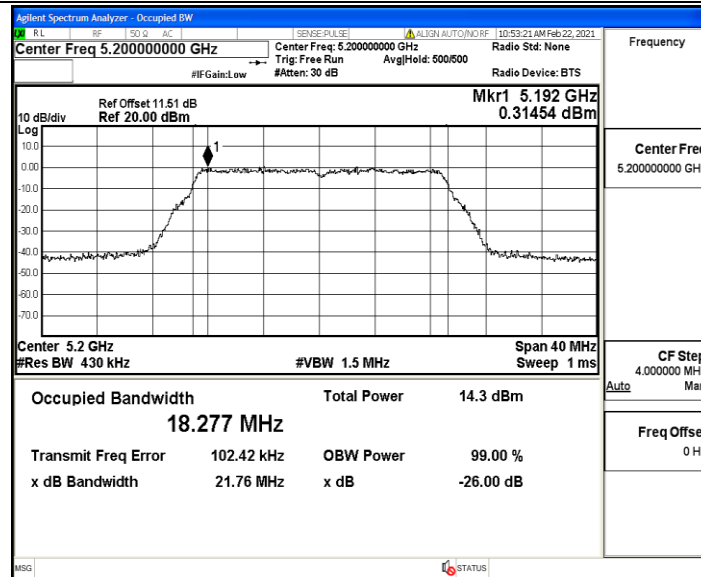
11N20MIMO_Ant2_5180



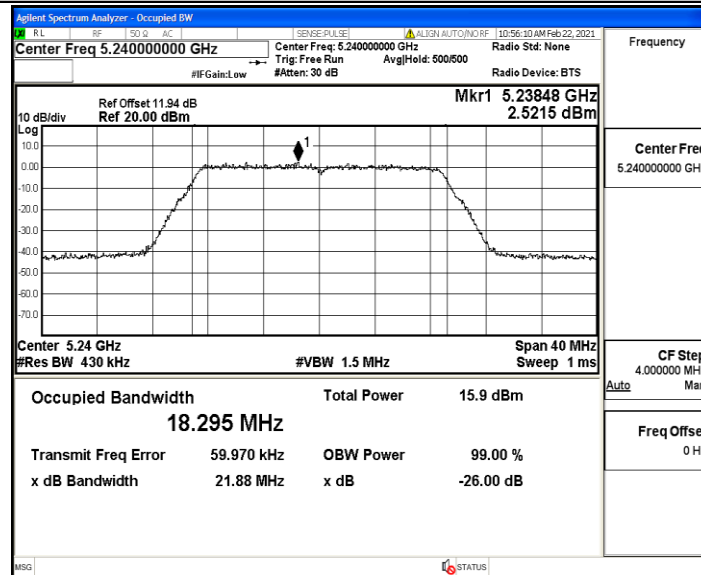
11N20MIMO_Ant1_5200



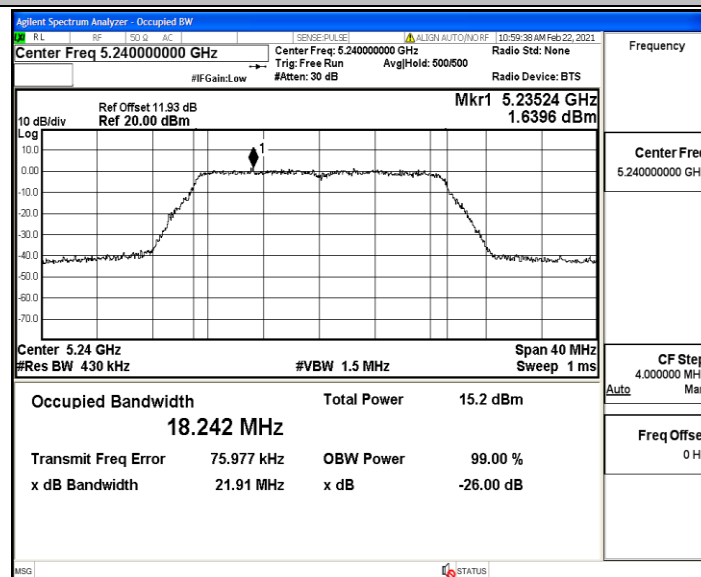
11N20MIMO_Ant2_5200



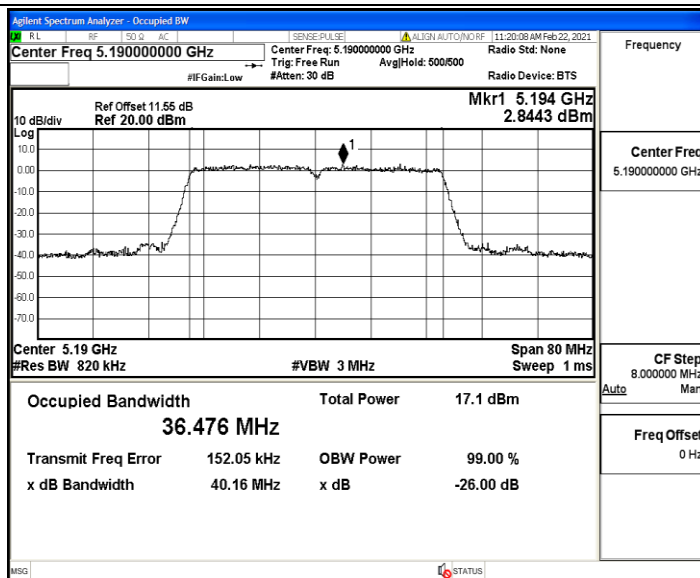
11N20MIMO_Ant1_5240



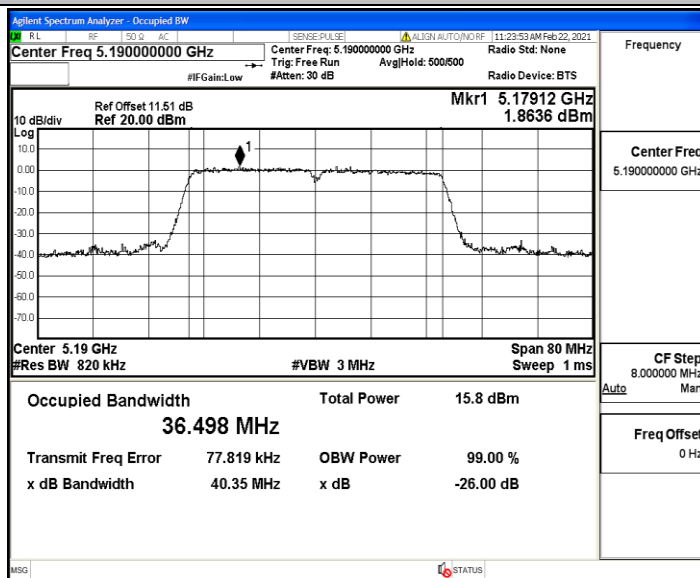
11N20MIMO_Ant2_5240



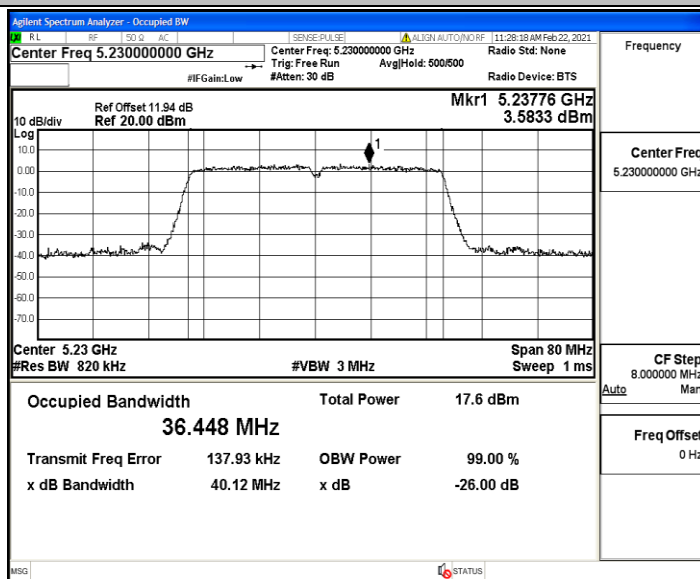
11N40MIMO_Ant1_5190



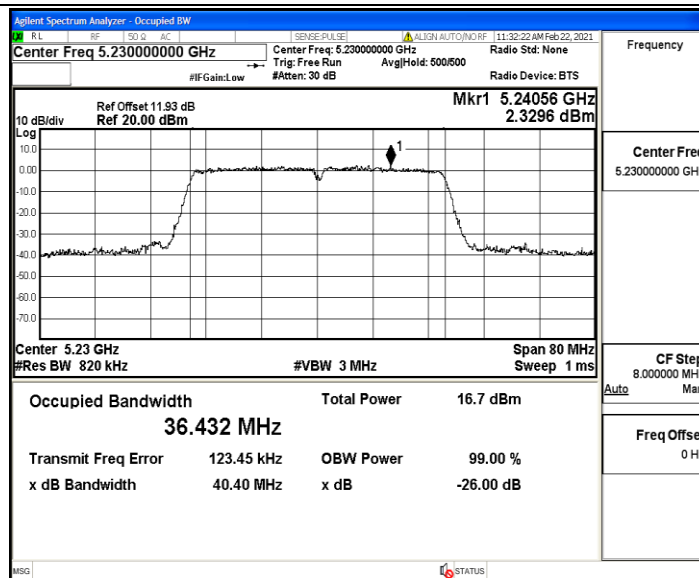
11N40MIMO_Ant2_5190



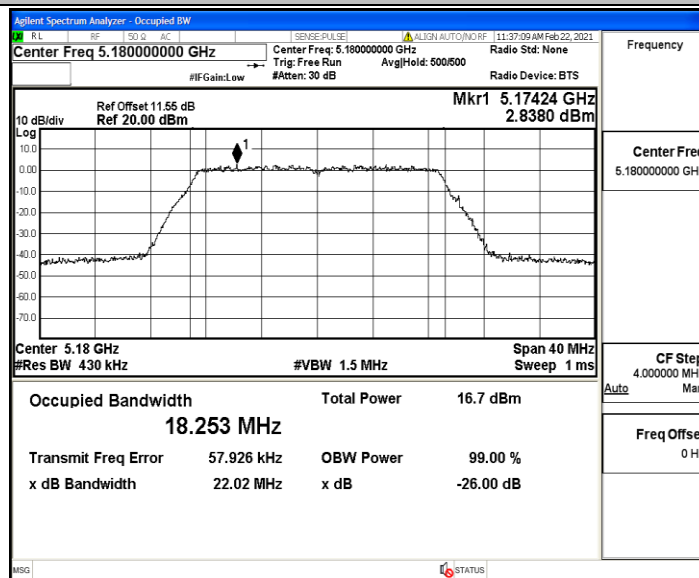
11N40MIMO_Ant1_5230



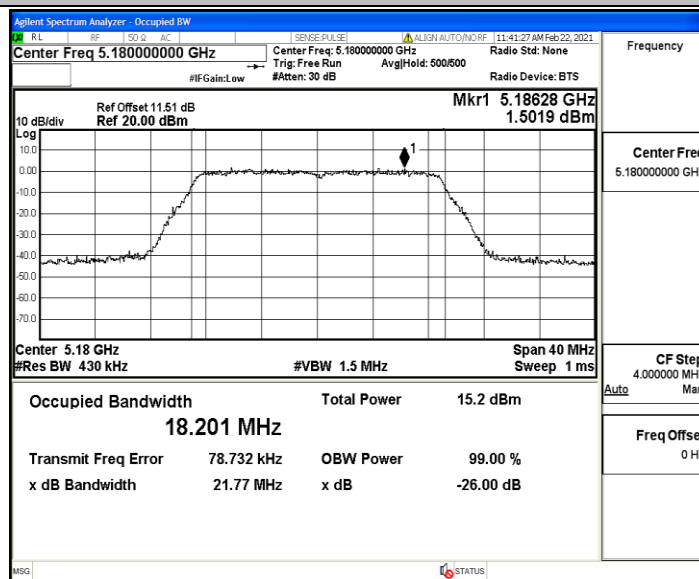
11N40MIMO_Ant2_5230



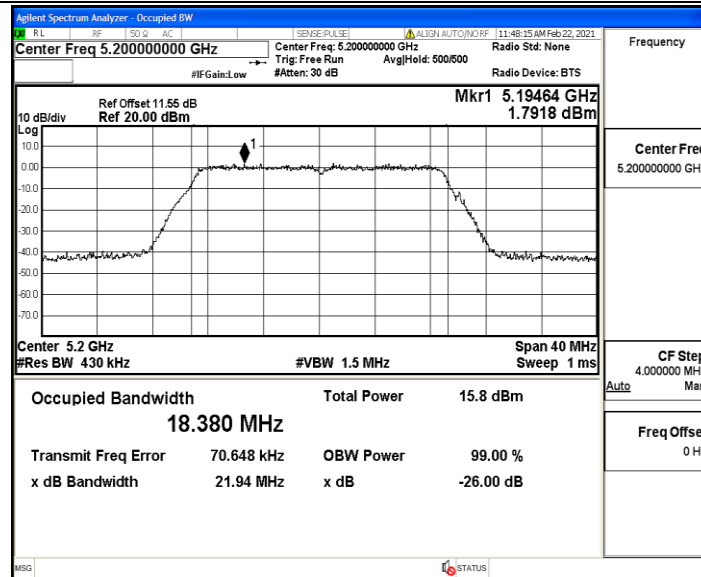
11AC20MIMO_Ant1_5180



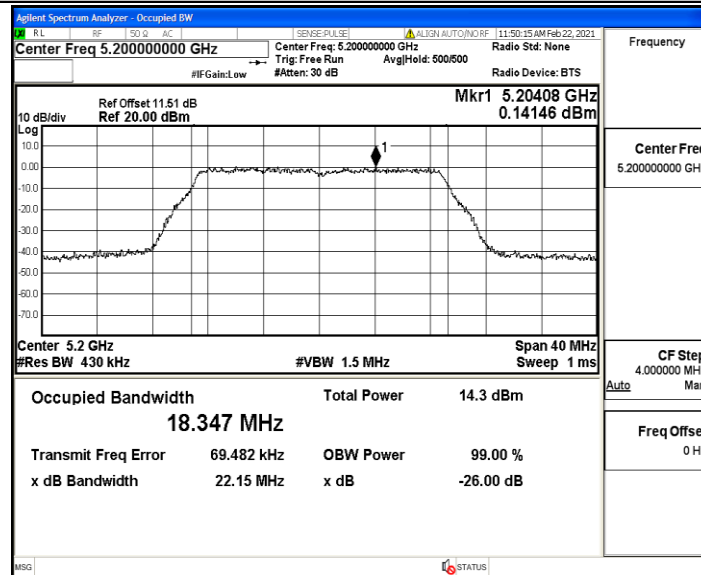
11AC20MIMO_Ant2_5180



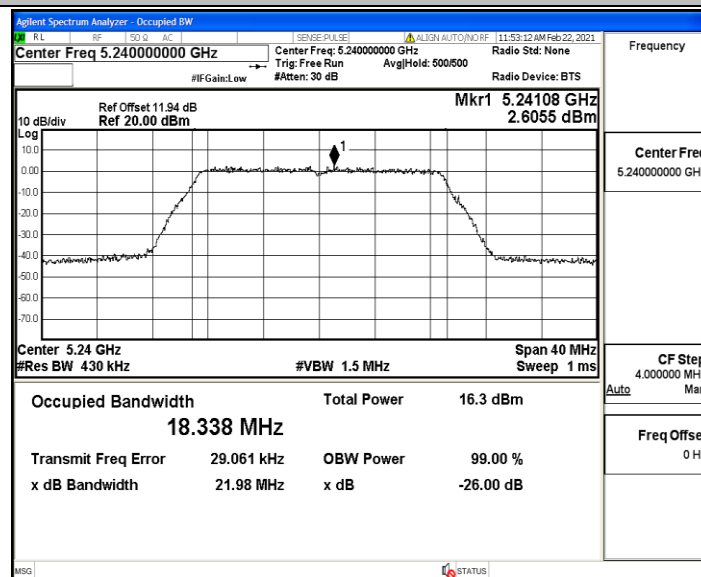
11AC20MIMO_Ant1_5200



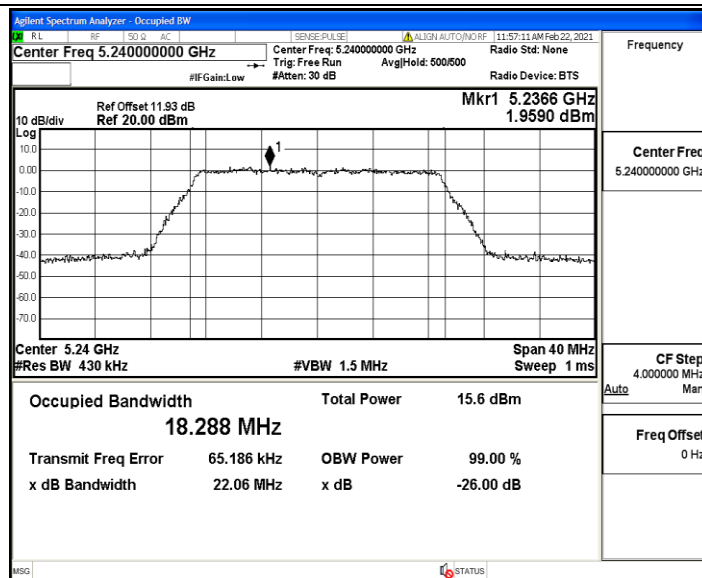
11AC20MIMO_Ant2_5200



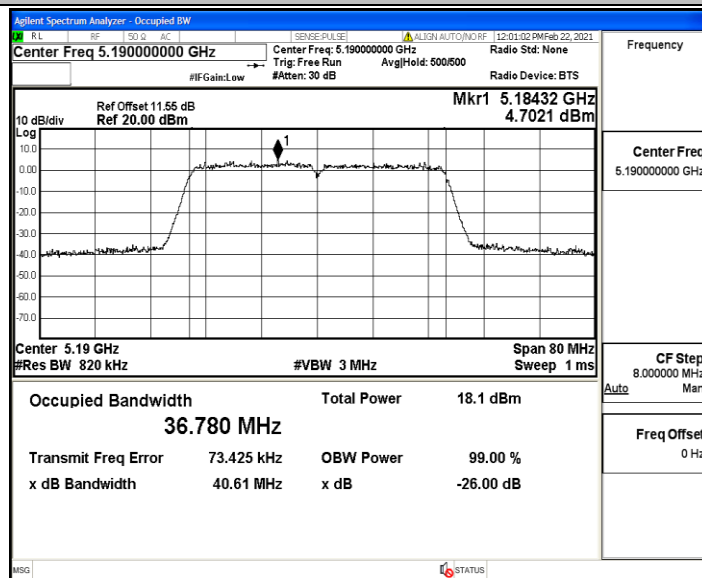
11AC20MIMO_Ant1_5240



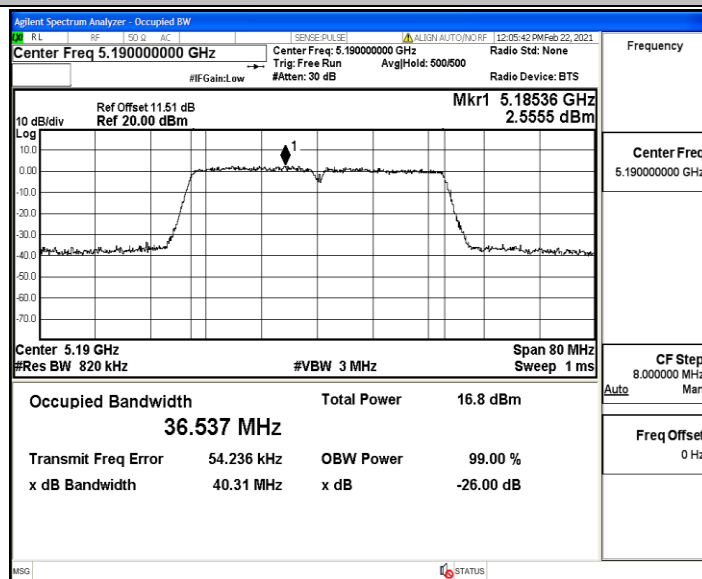
11AC20MIMO_Ant2_5240



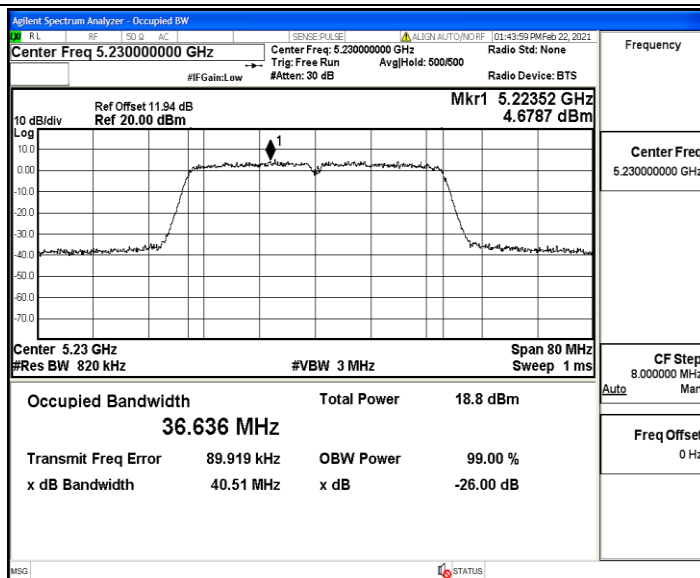
11AC40MIMO_Ant1_5190



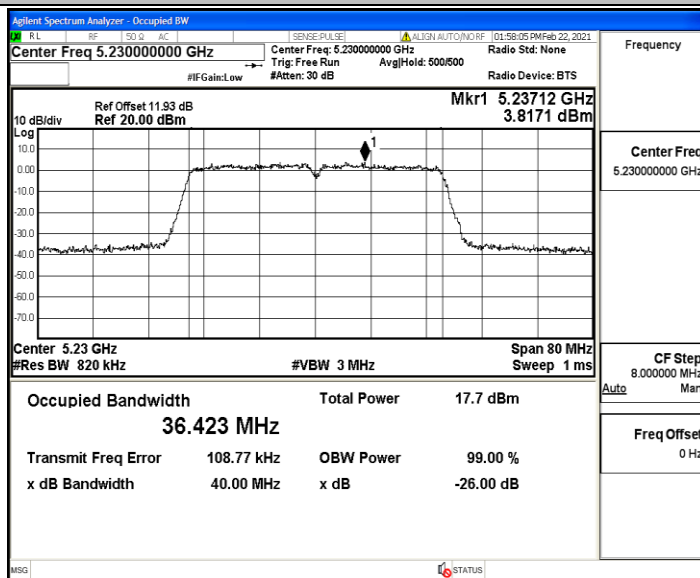
11AC40MIMO_Ant2_5190



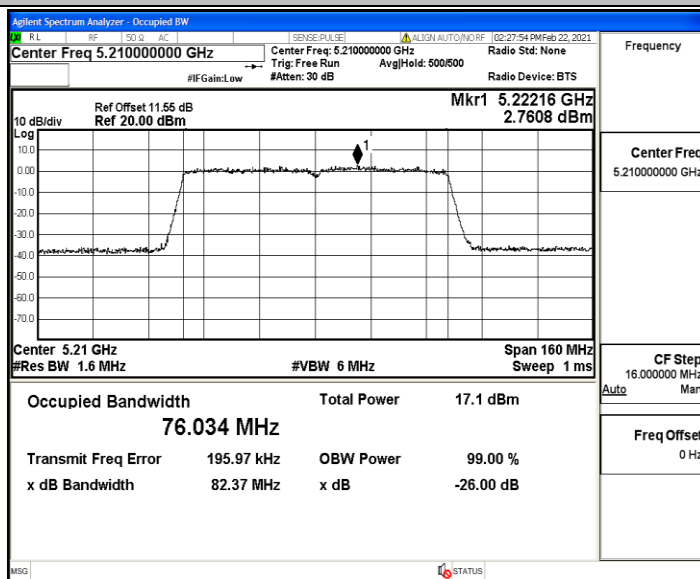
11AC40MIMO_Ant1_5230



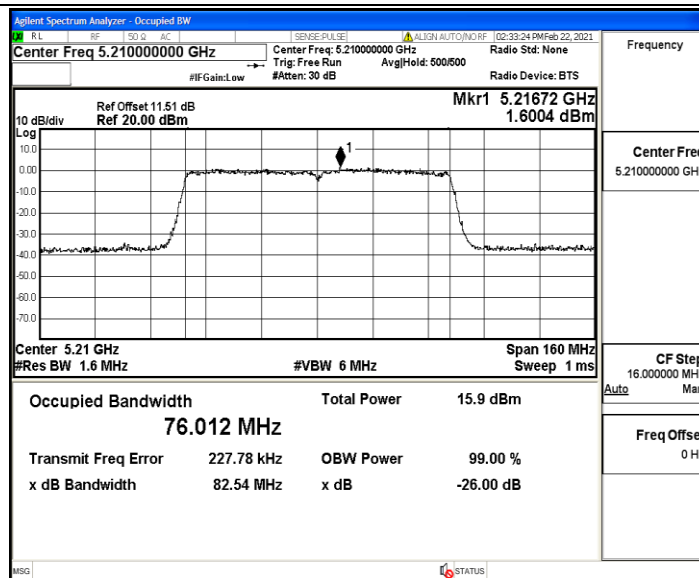
11AC40MIMO_Ant2_5230



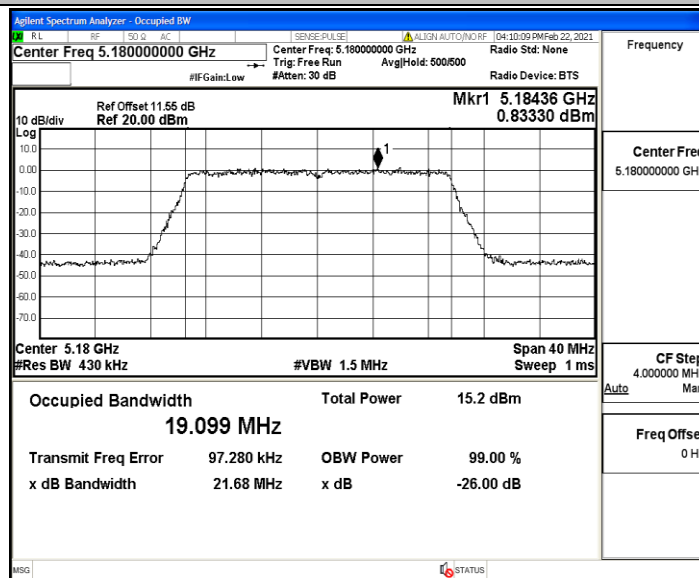
11AC80MIMO_Ant1_5210



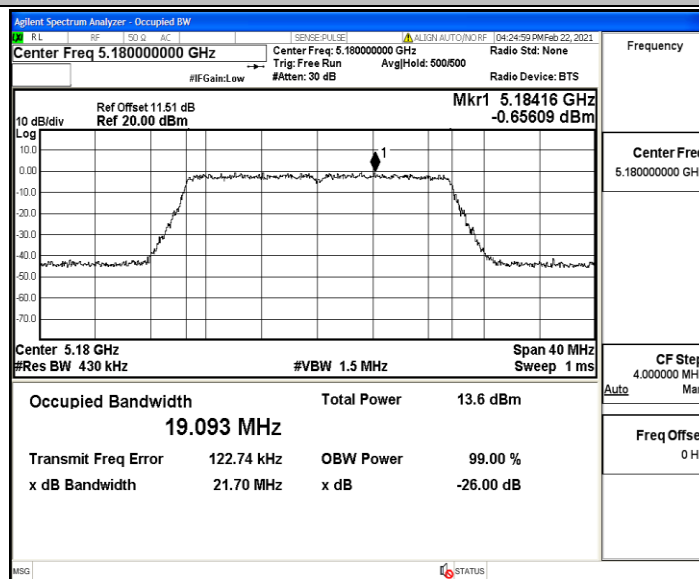
11AC80MIMO_Ant2_5210



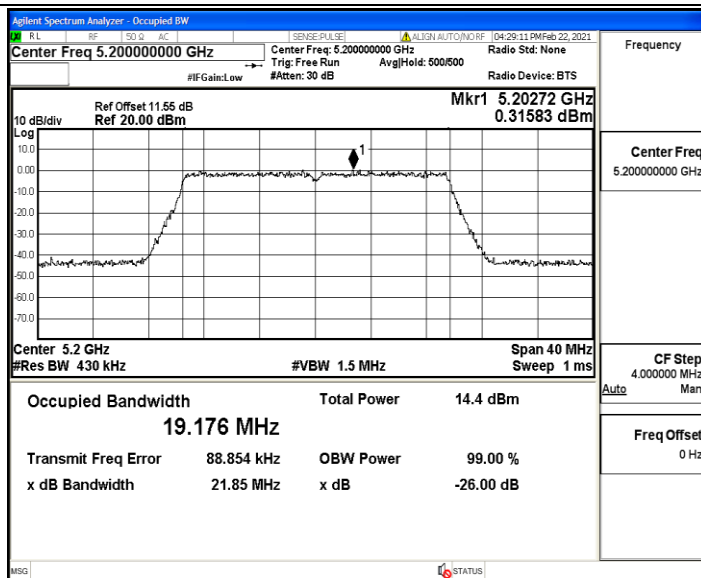
11AX20MIMO_Ant1_5180



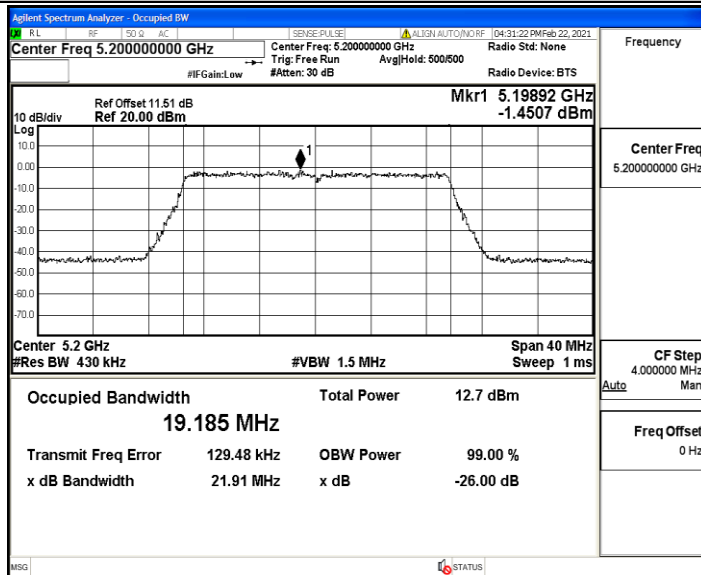
11AX20MIMO_Ant2_5180



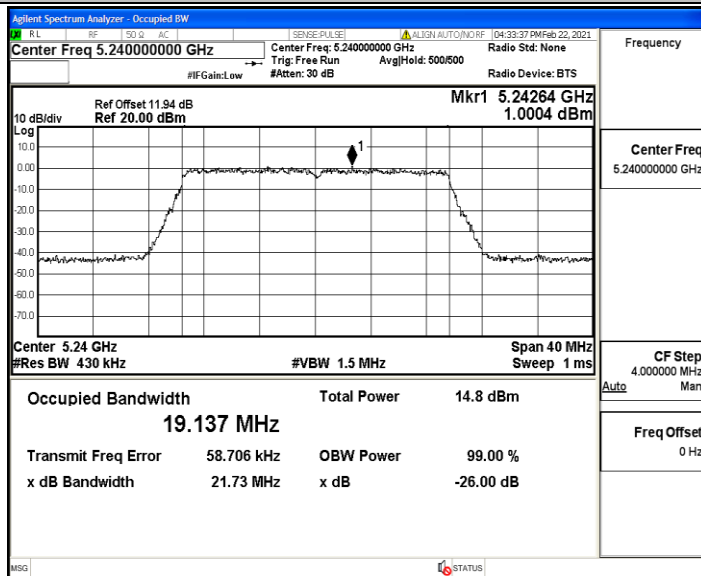
11AX20MIMO_Ant1_5200



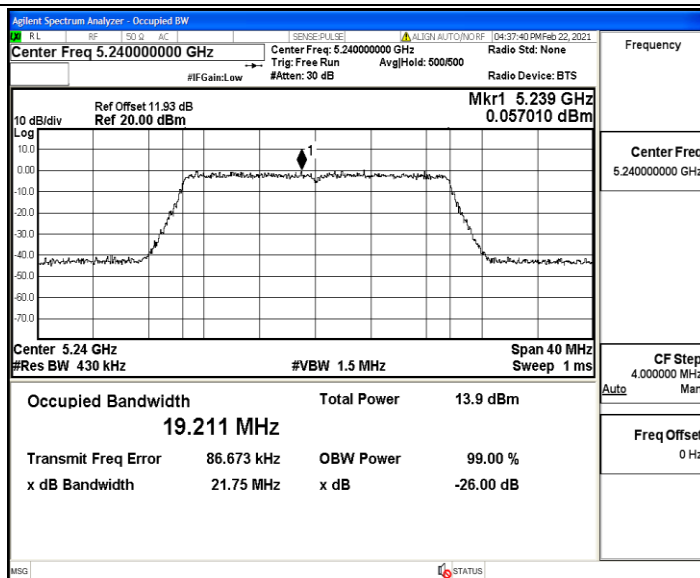
11AX20MIMO_Ant2_5200



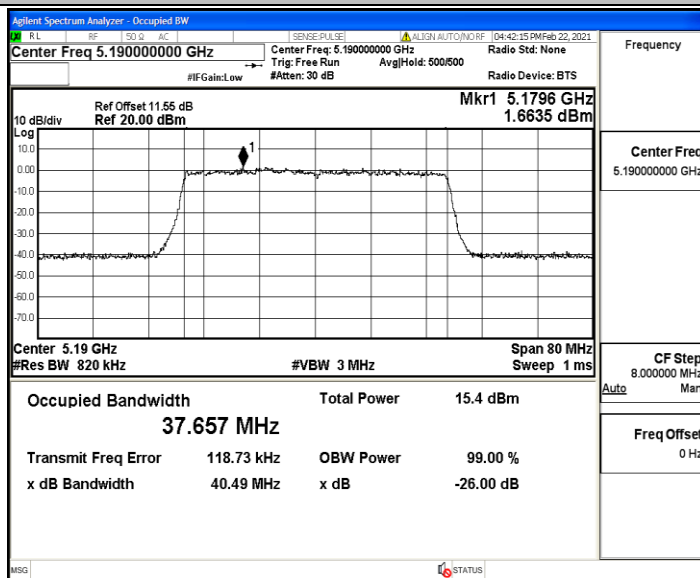
11AX20MIMO_Ant1_5240



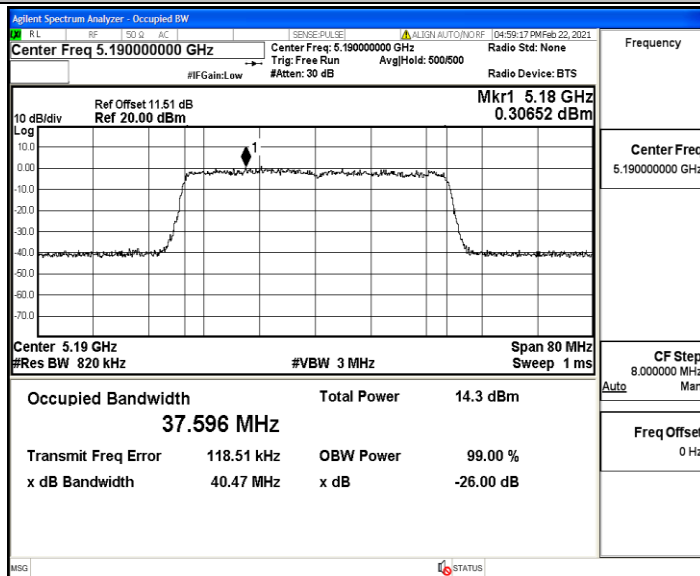
11AX20MIMO_Ant2_5240



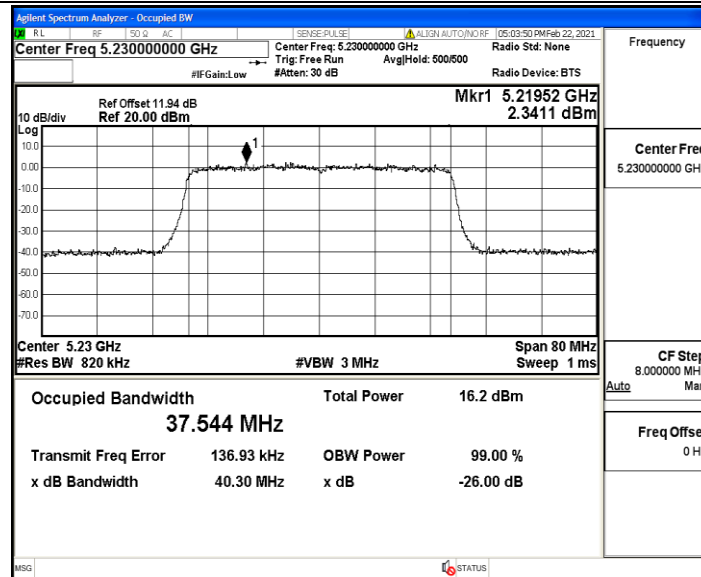
11AX40MIMO_Ant1_5190



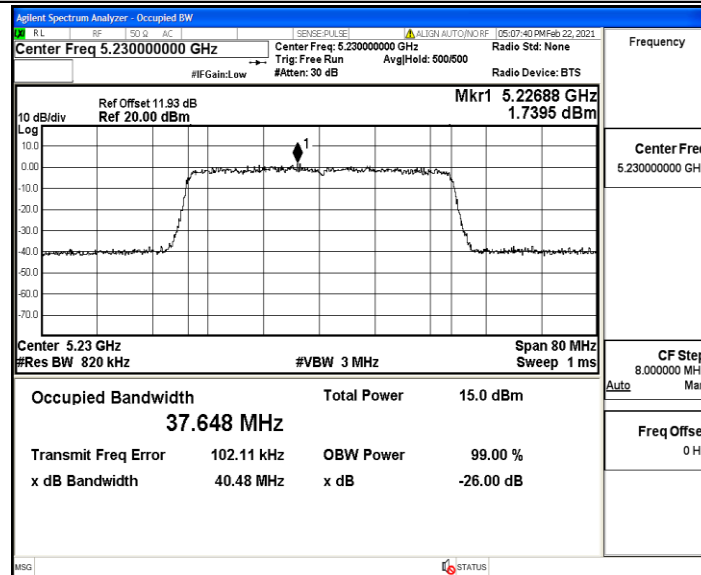
11AX40MIMO_Ant2_5190



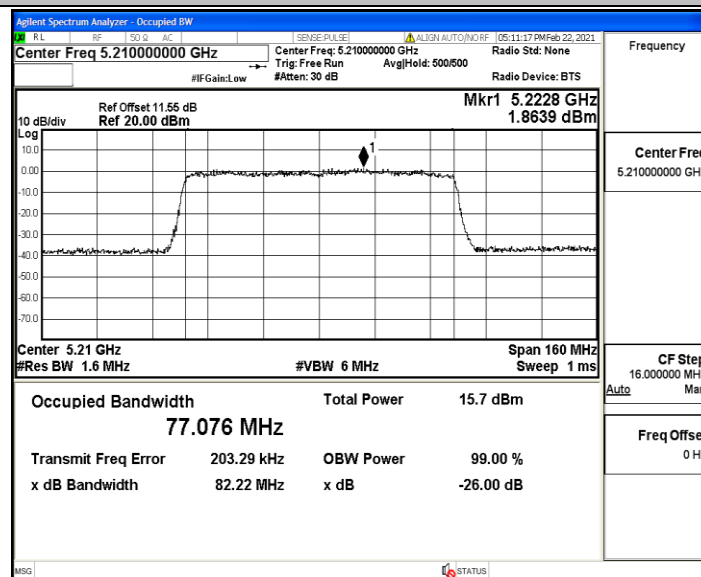
11AX40MIMO_Ant1_5230



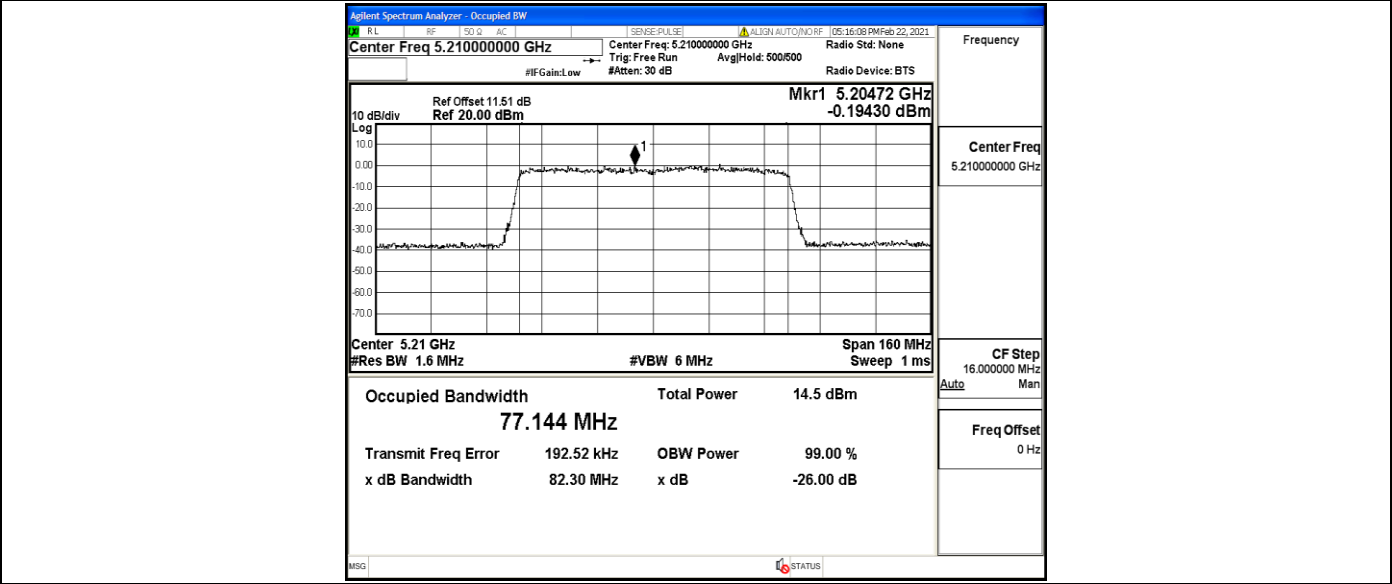
11AX40MIMO_Ant2_5230



11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	11.53	<=23.98	PASS
	Ant2	5180	10.30	<=23.98	PASS
	Ant1	5200	10.96	<=23.98	PASS
	Ant2	5200	9.40	<=23.98	PASS
	Ant1	5240	11.39	<=23.98	PASS
	Ant2	5240	10.60	<=23.98	PASS
11N20MIMO	Ant1	5180	9.11	<=23.98	PASS
	Ant2	5180	7.93	<=23.98	PASS
	total	5180	11.6	<=23.98	PASS
	Ant1	5200	8.35	<=23.98	PASS
	Ant2	5200	6.77	<=23.98	PASS
	total	5200	10.6	<=22.74	PASS
	Ant1	5240	8.84	<=23.98	PASS
	Ant2	5240	7.87	<=23.98	PASS
	total	5240	11.4	<=22.74	PASS
11N40MIMO	Ant1	5190	9.25	<=23.98	PASS
	Ant2	5190	8.12	<=23.98	PASS
	total	5190	11.7	<=22.74	PASS
	Ant1	5230	9.73	<=23.98	PASS
	Ant2	5230	8.79	<=23.98	PASS
	total	5230	12.3	<=22.74	PASS
11AC20MIMO	Ant1	5180	9.19	<=23.98	PASS
	Ant2	5180	7.72	<=23.98	PASS
	total	5180	11.5	<=22.74	PASS
	Ant1	5200	8.36	<=23.98	PASS
	Ant2	5200	6.92	<=23.98	PASS
	total	5200	10.7	<=22.74	PASS
	Ant1	5240	8.89	<=23.98	PASS
	Ant2	5240	8.06	<=23.98	PASS
	total	5240	11.5	<=22.74	PASS
11AC40MIMO	Ant1	5190	10.25	<=23.98	PASS
	Ant2	5190	9.03	<=23.98	PASS
	total	5190	12.7	<=22.74	PASS
	Ant1	5230	10.81	<=23.98	PASS
	Ant2	5230	9.77	<=23.98	PASS
	total	5230	13.3	<=22.74	PASS
11AC80MIMO	Ant1	5210	8.26	<=23.98	PASS
	Ant2	5210	7.68	<=23.98	PASS
	total	5210	11.0	<=22.74	PASS

11AX20MIMO	Ant1	5180	7.24	<=23.98	PASS
	Ant2	5180	5.57	<=23.98	PASS
	total	5180	9.5	<=22.74	PASS
	Ant1	5200	6.32	<=23.98	PASS
	Ant2	5200	4.63	<=23.98	PASS
	total	5200	8.6	<=22.74	PASS
	Ant1	5240	6.46	<=23.98	PASS
	Ant2	5240	5.46	<=23.98	PASS
	total	5240	9.0	<=22.74	PASS
11AX40MIMO	Ant1	5190	7.12	<=23.98	PASS
	Ant2	5190	5.90	<=23.98	PASS
	total	5190	9.6	<=22.74	PASS
	Ant1	5230	7.69	<=23.98	PASS
	Ant2	5230	6.50	<=23.98	PASS
	total	5230	10.1	<=22.74	PASS
11AX80MIMO	Ant1	5210	7.02	<=23.98	PASS
	Ant2	5210	5.72	<=23.98	PASS
	total	5210	9.4	<=22.74	PASS