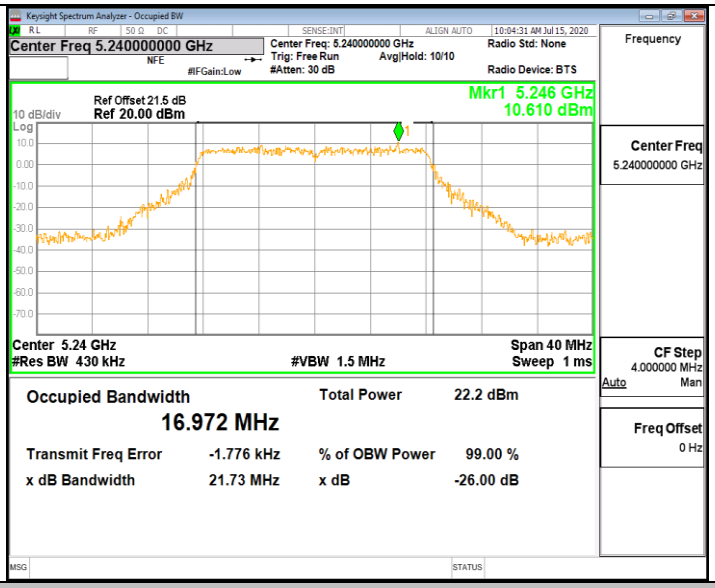
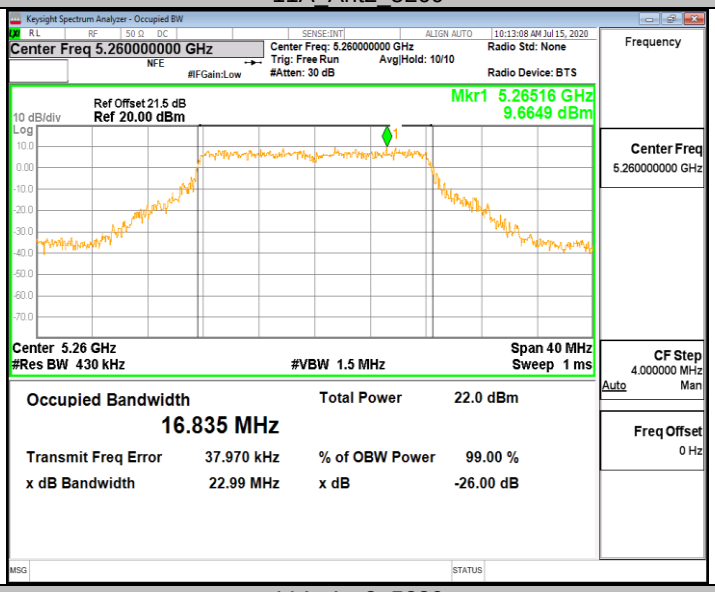
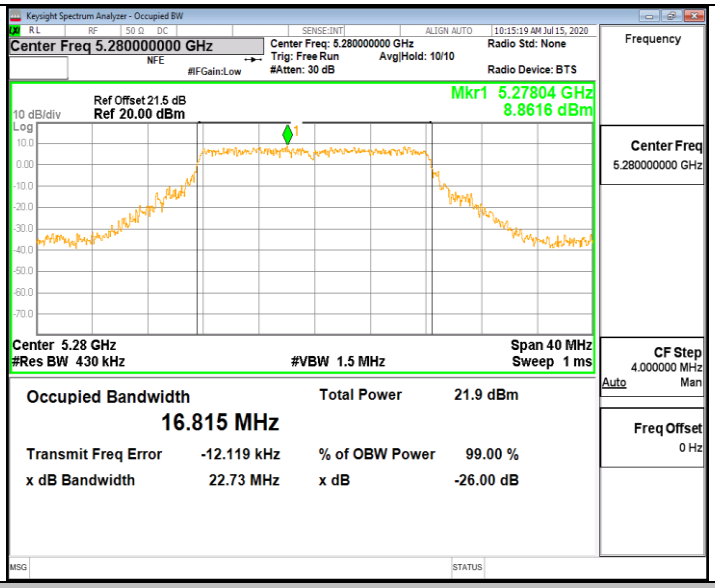


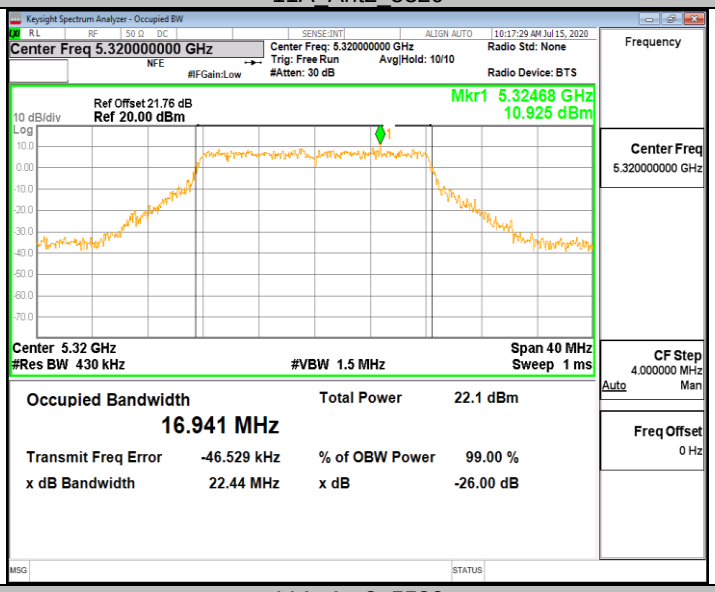
11A_Ant2_5260



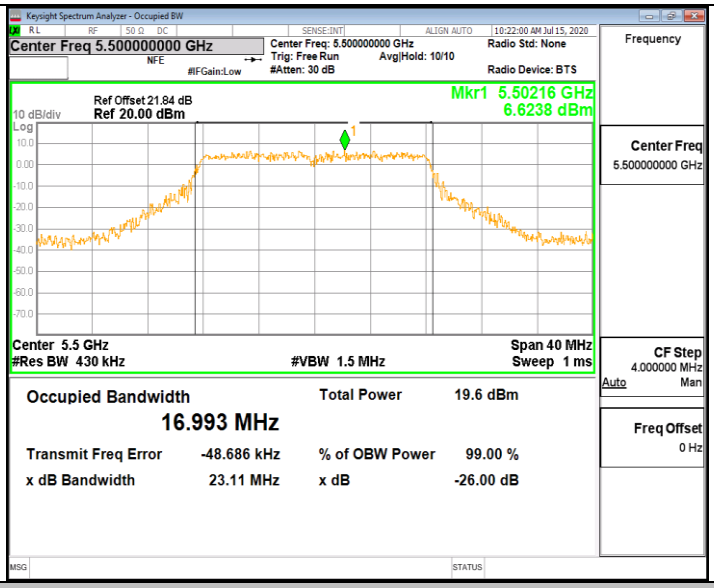
11A_Ant2_5280



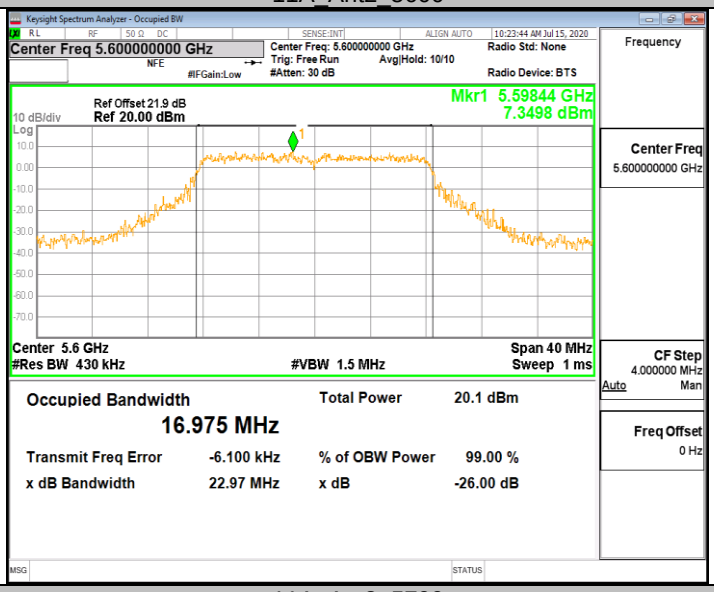
11A_Ant2_5320



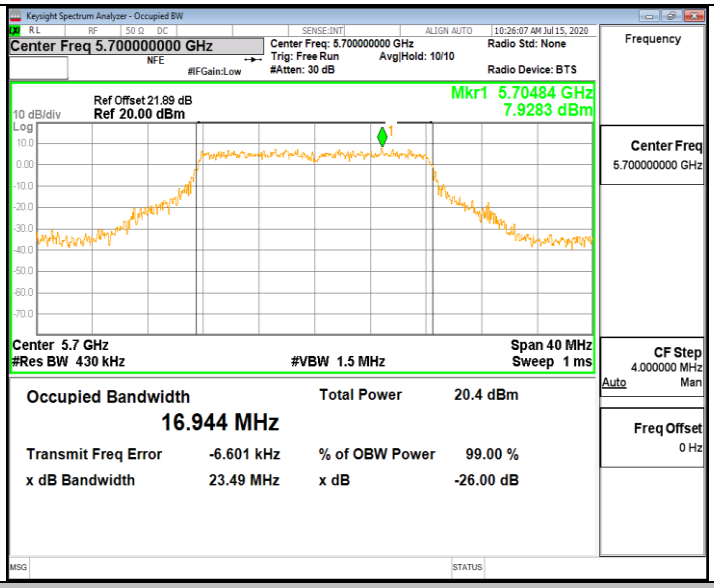
11A_Ant2_5500



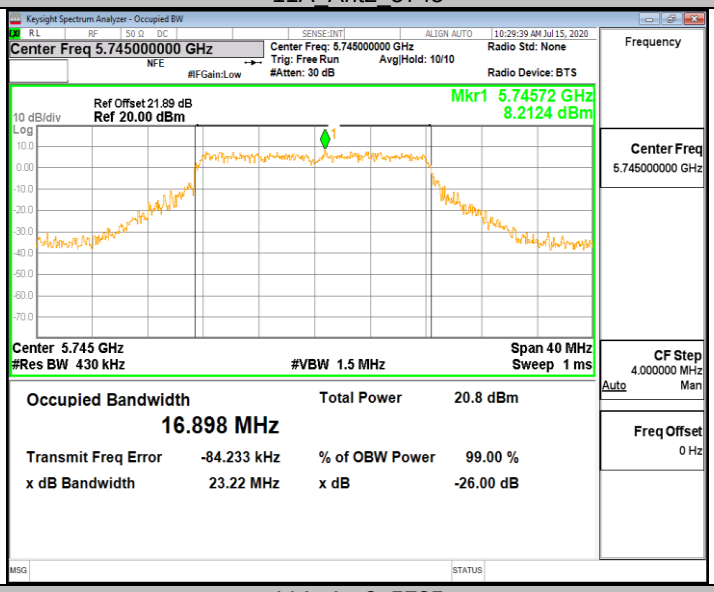
11A_Ant2_5600



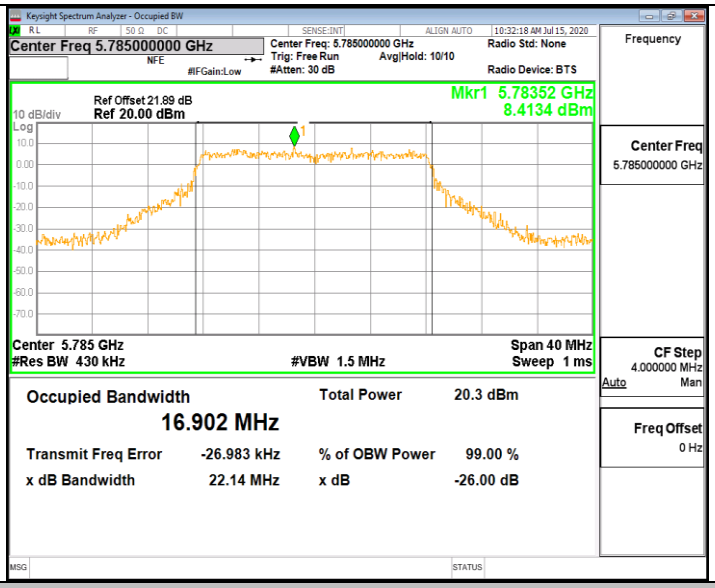
11A_Ant2_5700



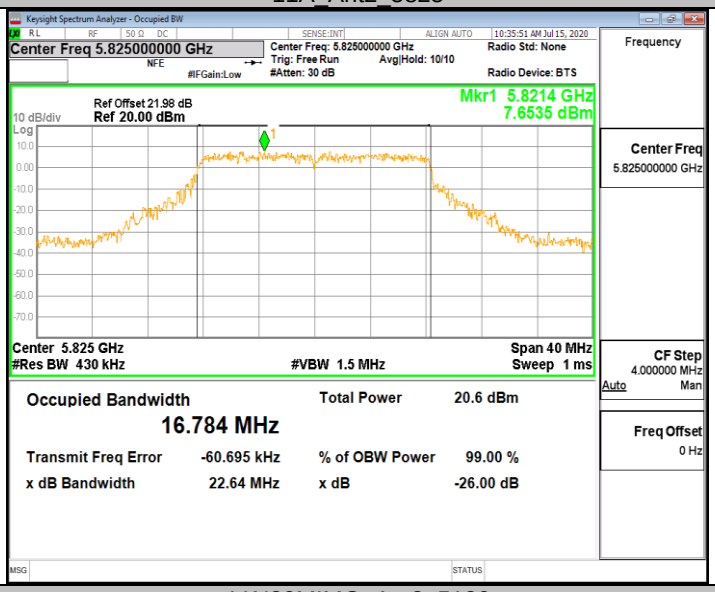
11A_Ant2_5745



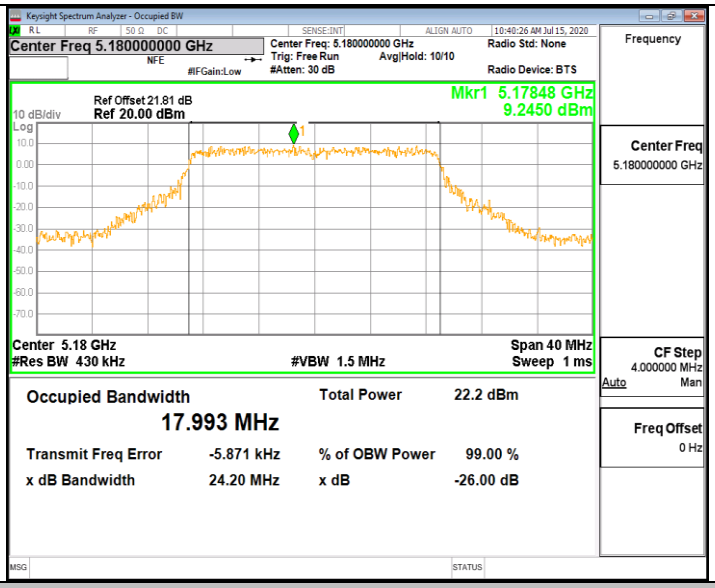
11A_Ant2_5785



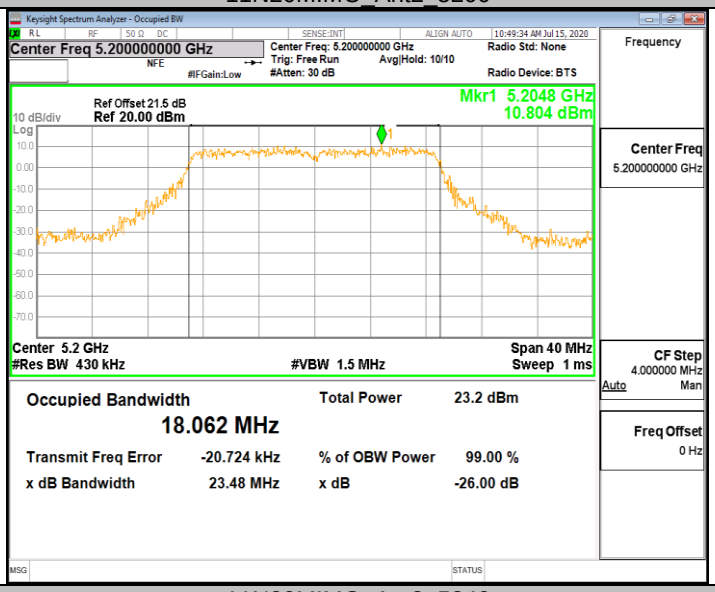
11A_Ant2_5825



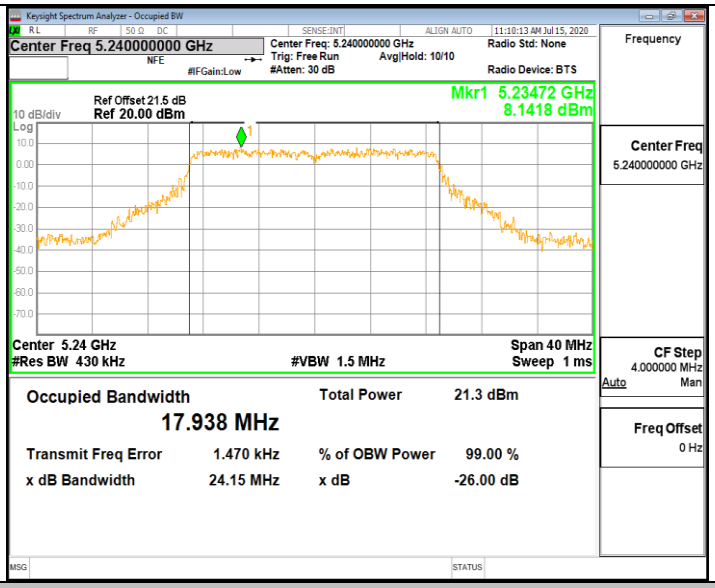
11N20MIMO_Ant2_5180



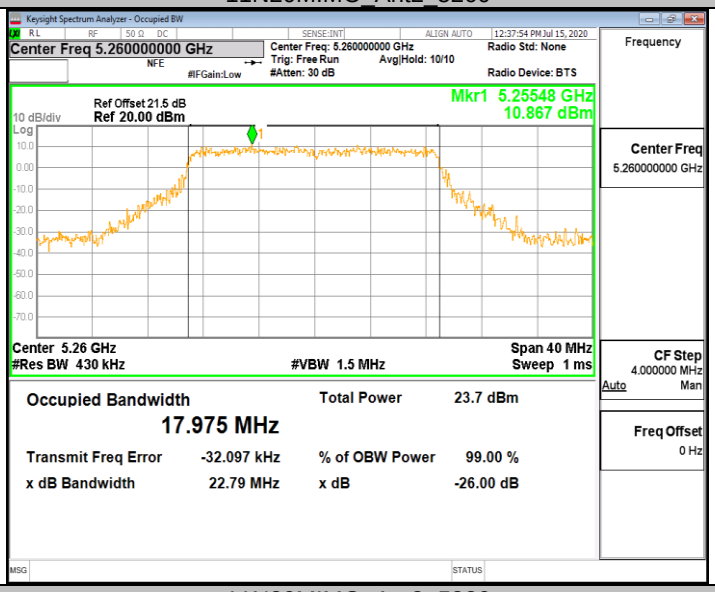
11N20MIMO_Ant2_5200



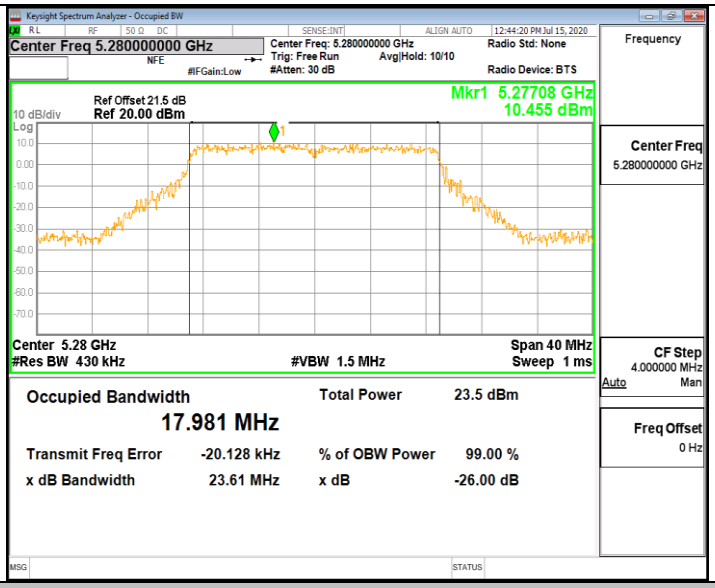
11N20MIMO_Ant2_5240



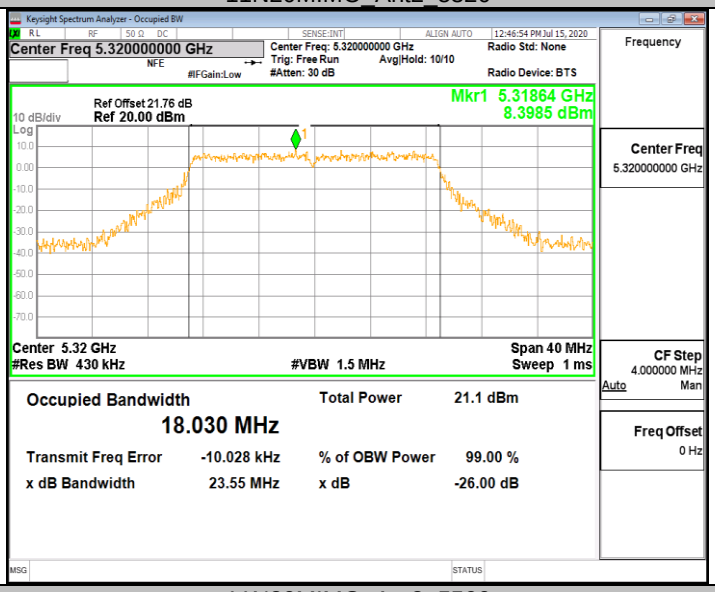
11N20MIMO_Ant2_5260



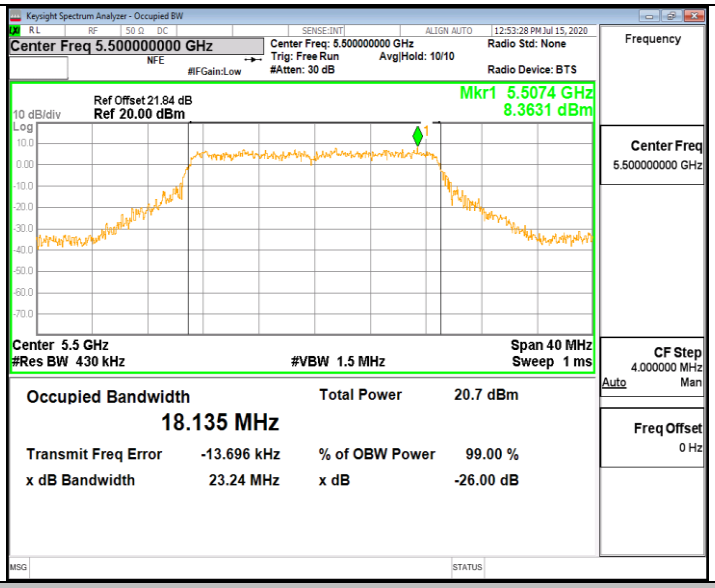
11N20MIMO_Ant2_5280



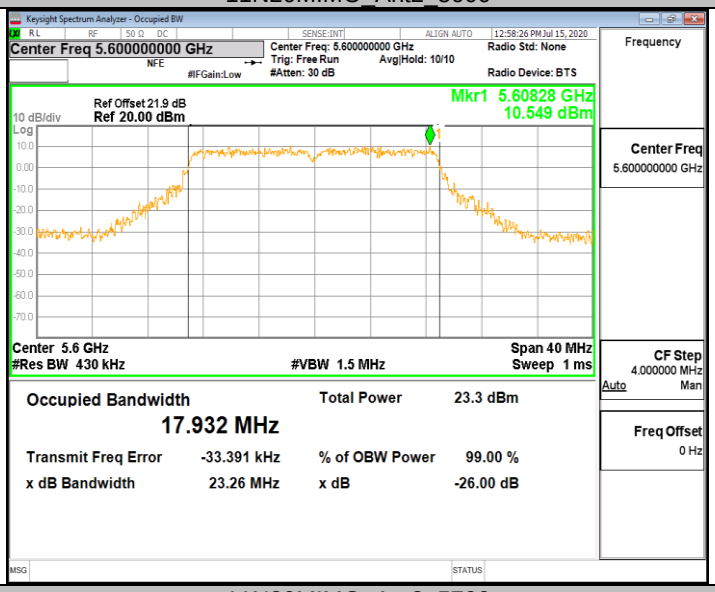
11N20MIMO_Ant2_5320



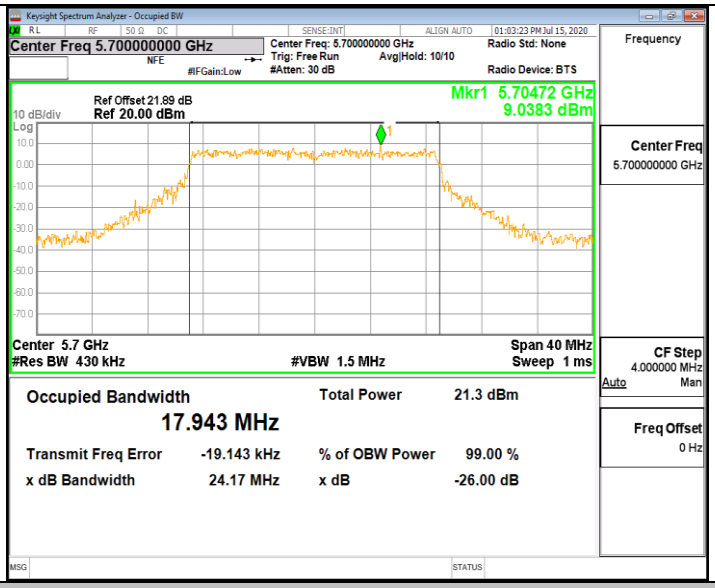
11N20MIMO_Ant2_5500



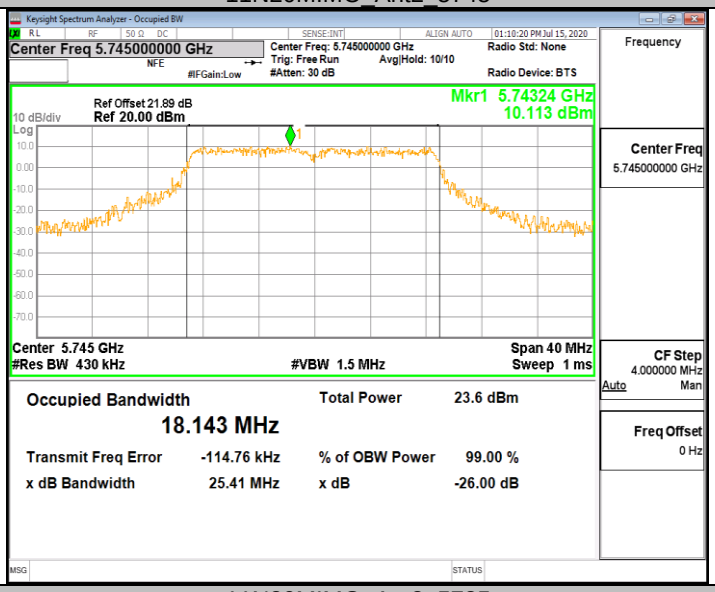
11N20MIMO_Ant2_5600



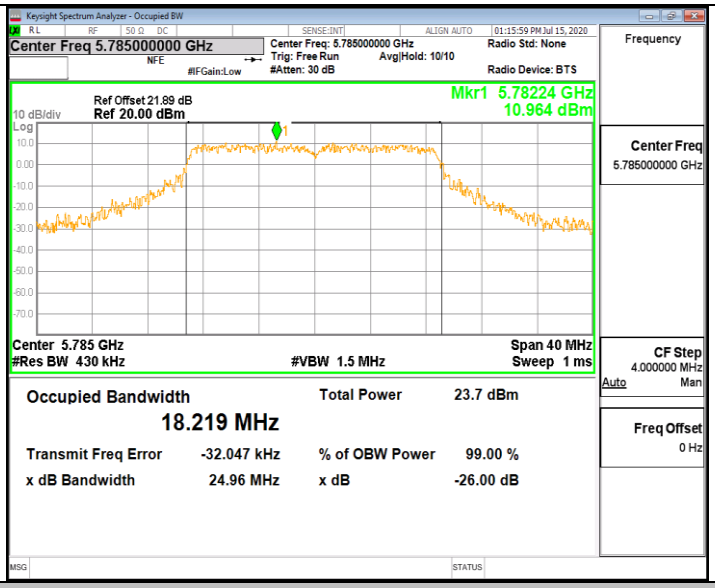
11N20MIMO_Ant2_5700



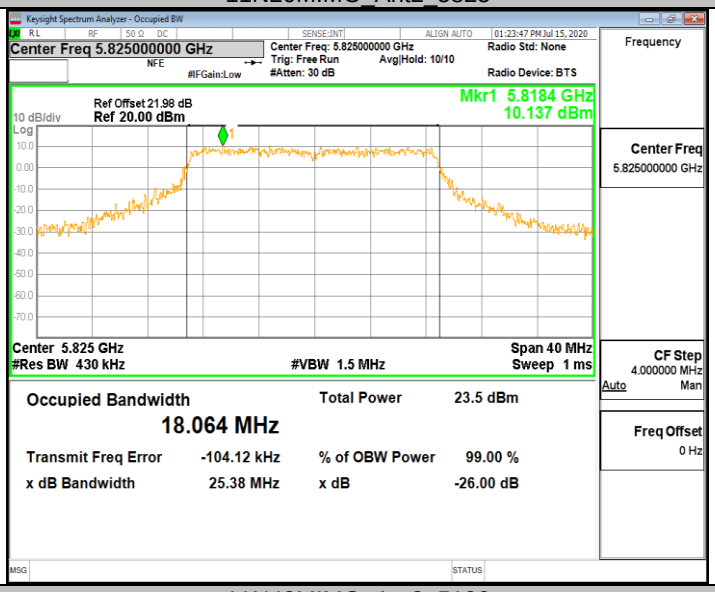
11N20MIMO_Ant2_5745



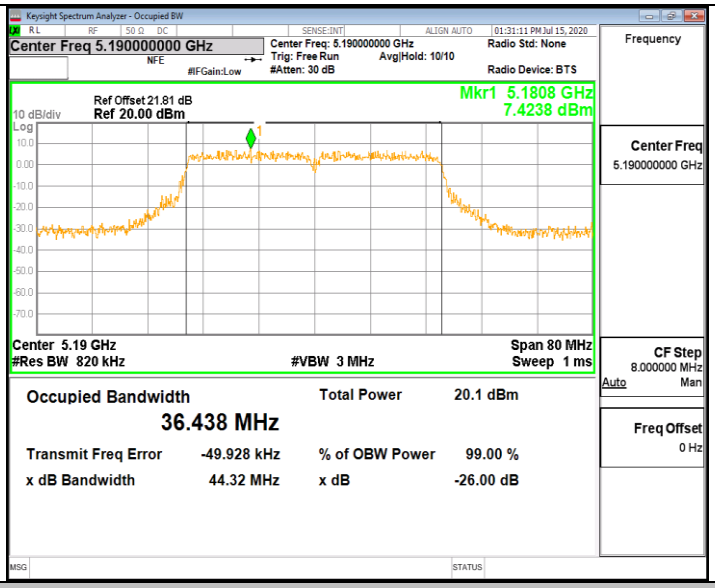
11N20MIMO_Ant2_5785



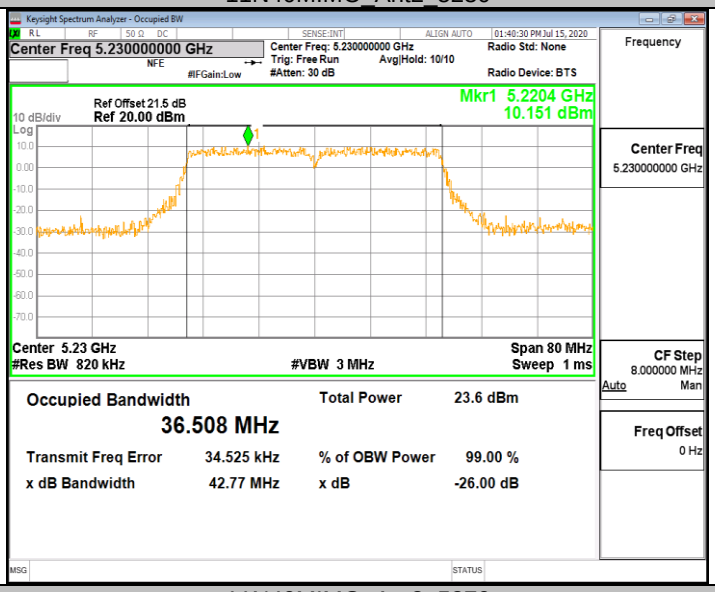
11N20MIMO_Ant2_5825



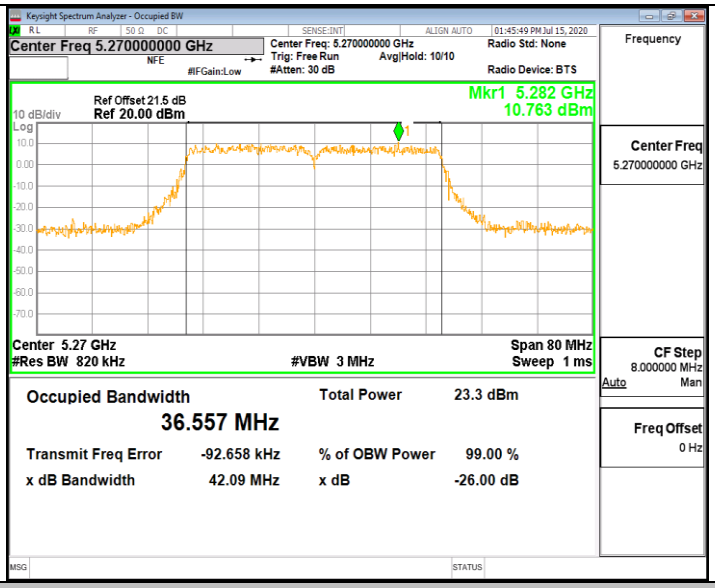
11N40MIMO_Ant2_5190



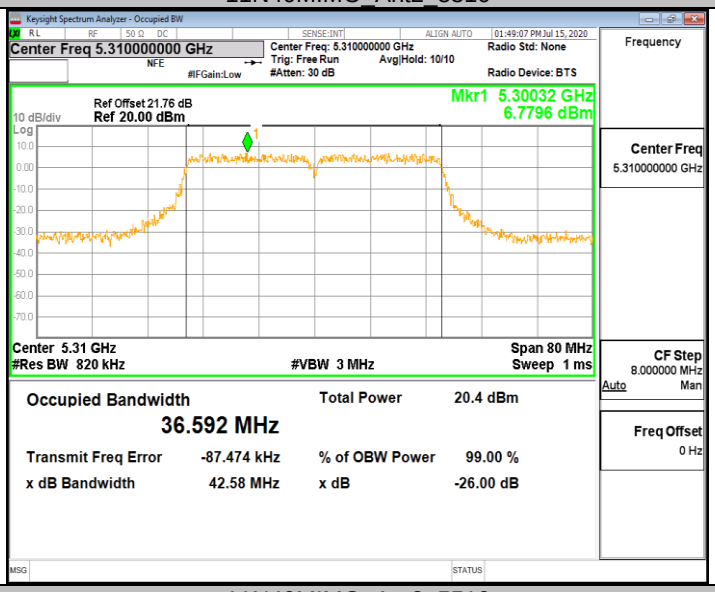
11N40MIMO_Ant2_5230



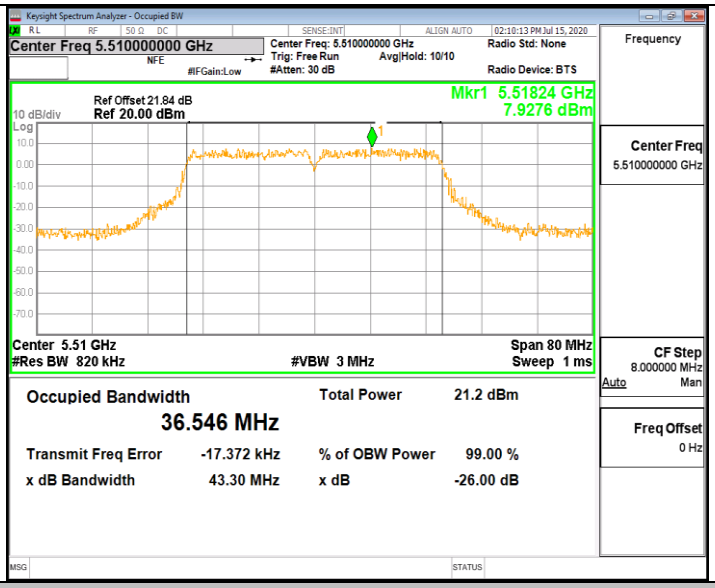
11N40MIMO_Ant2_5270



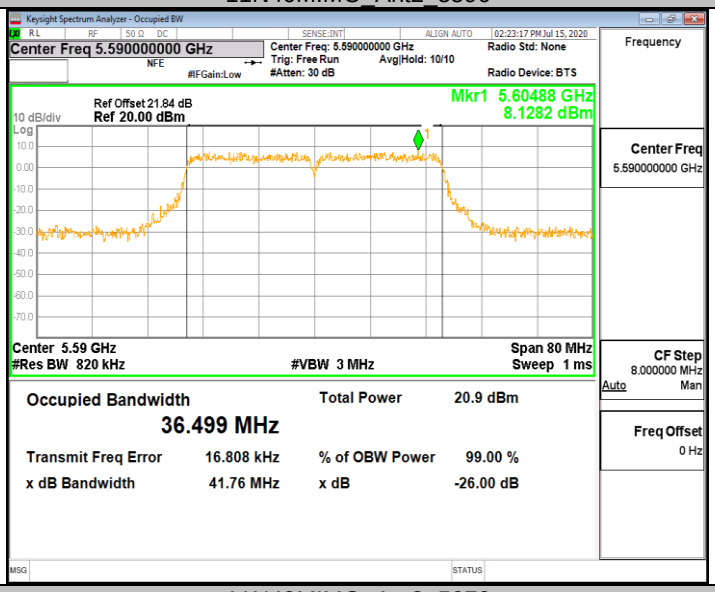
11N40MIMO_Ant2_5310



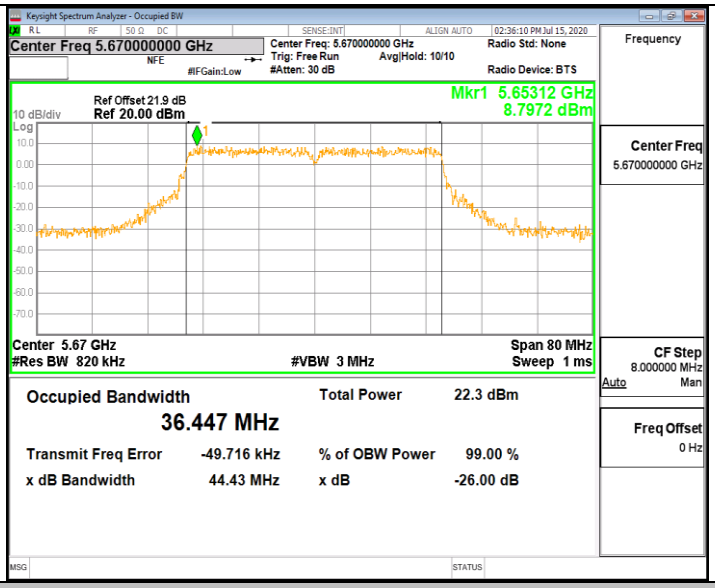
11N40MIMO_Ant2_5510



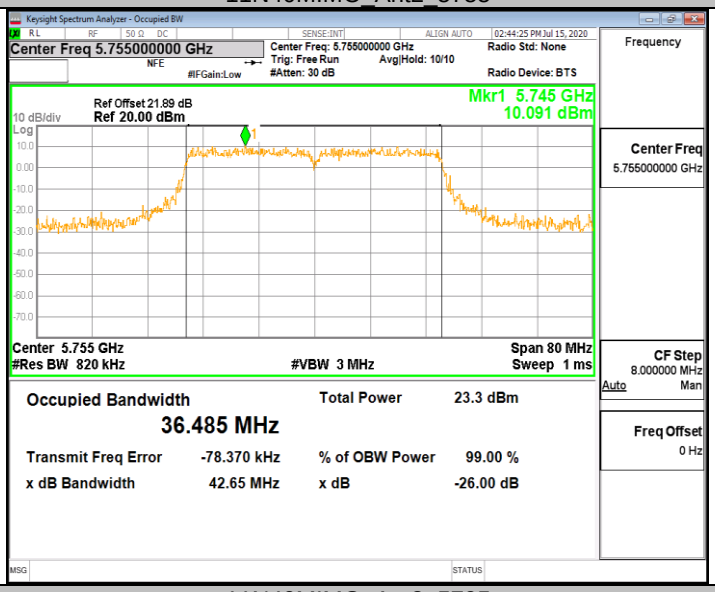
11N40MIMO_Ant2_5590



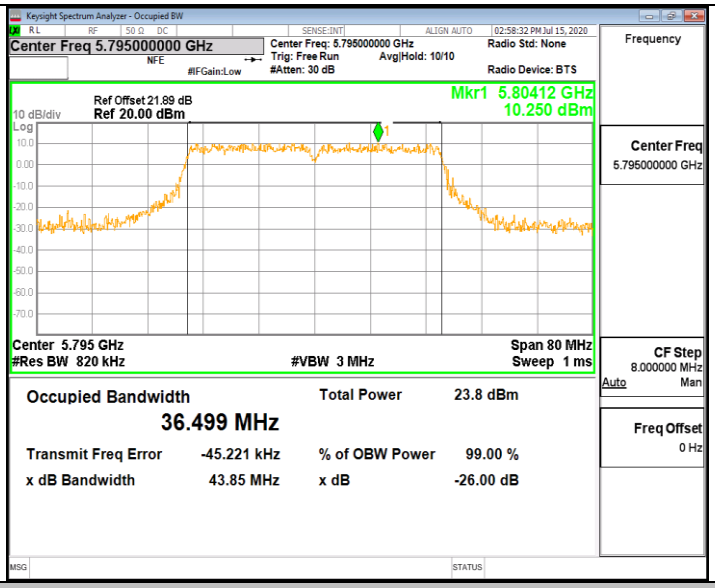
11N40MIMO_Ant2_5670



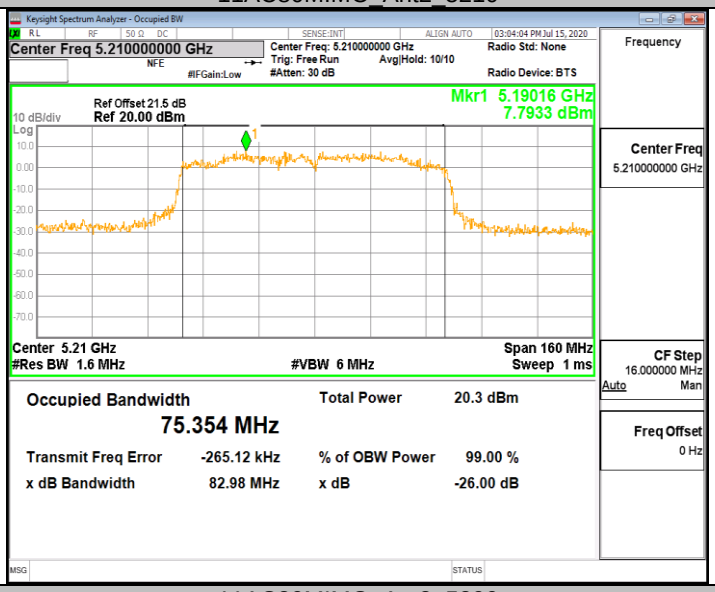
11N40MIMO_Ant2_5755



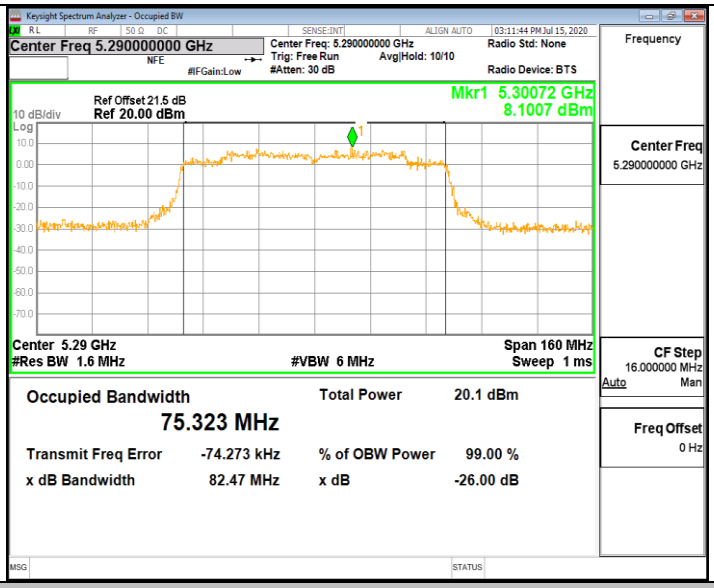
11N40MIMO_Ant2_5795



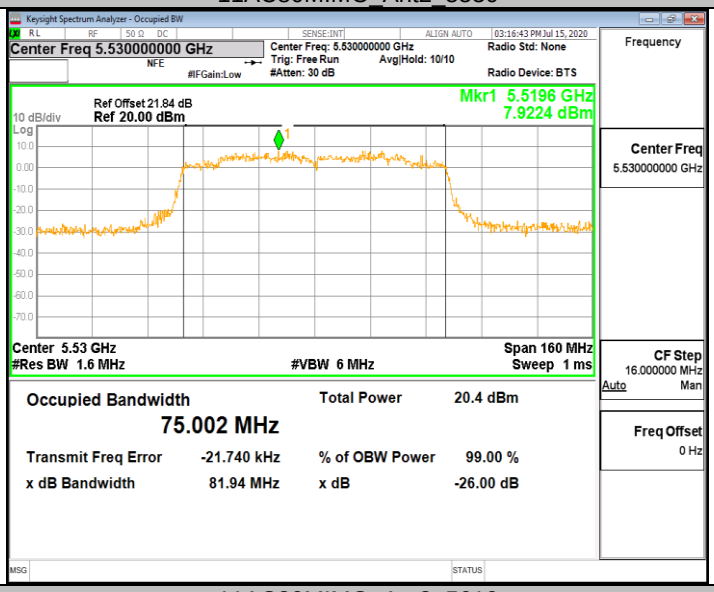
11AC80MIMO_Ant2_5210



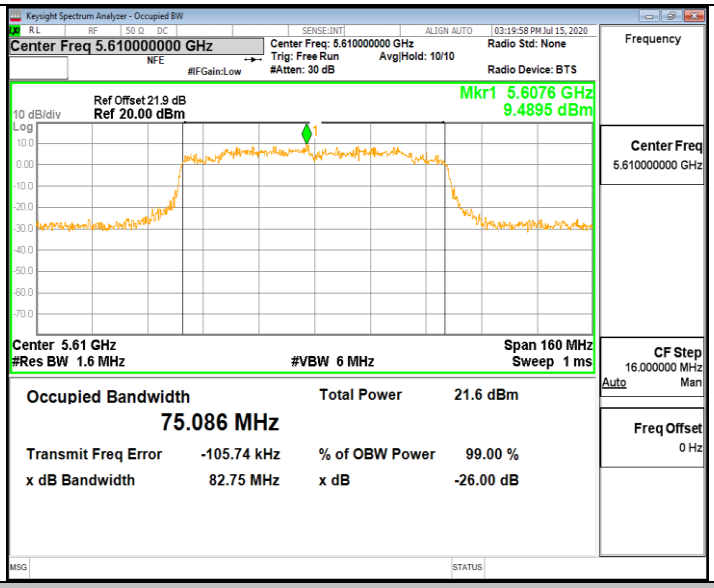
11AC80MIMO_Ant2_5290



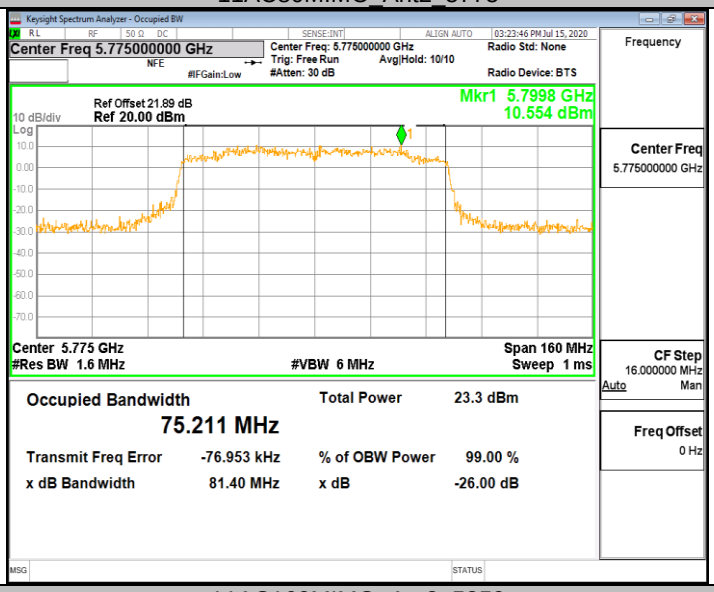
11AC80MIMO_Ant2_5530



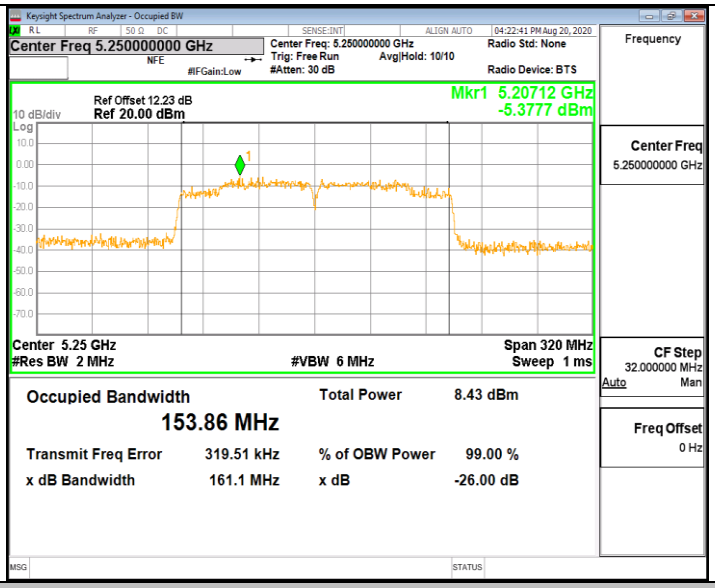
11AC80MIMO_Ant2_5610



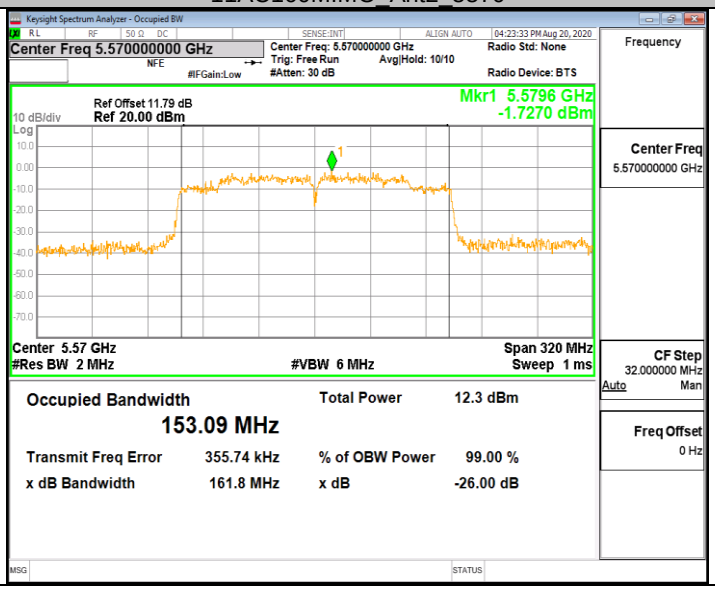
11AC80MIMO_Ant2_5775



11AC160MIMO_Ant2_5250



11AC160MIMO_Ant2_5570



Appendix A4: 6dB Minimum Emission Bandwidth

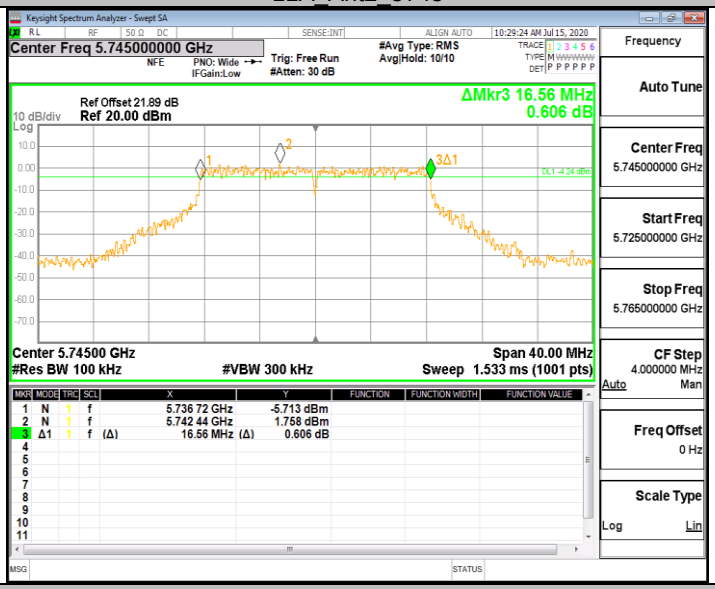
Test Result

Test Mode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.560	5736.720	5753.280	0.5	PASS
		5785	16.640	5776.680	5793.320	0.5	PASS
		5825	16.560	5816.680	5833.240	0.5	PASS
11N20MIMO	Ant2	5745	17.800	5736.040	5753.840	0.5	PASS
		5785	17.800	5776.080	5793.880	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11N40MIMO	Ant2	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.240	5776.760	5813.000	0.5	PASS
11AC80MIMO	Ant2	5775	72.800	5739.800	5812.600	0.5	PASS

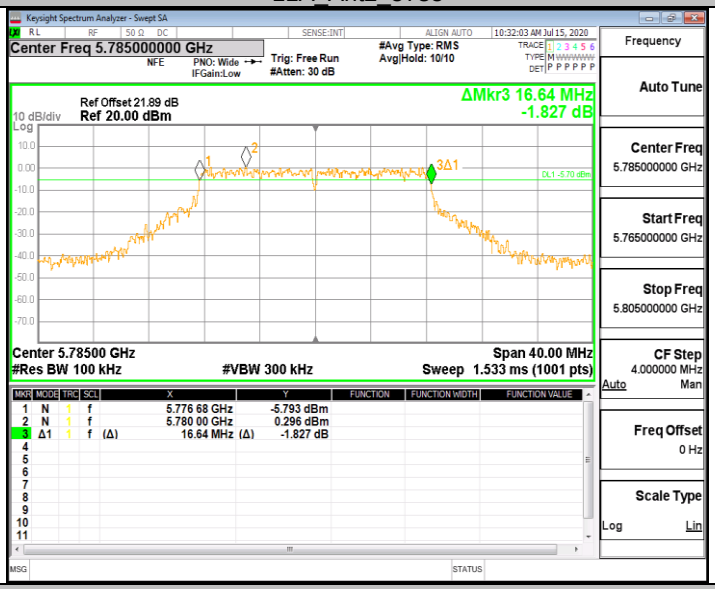
Note: Both the two antennas had been tested, but only the worst data was recorded in the report.

Test Graphs

11A_Ant2_5745

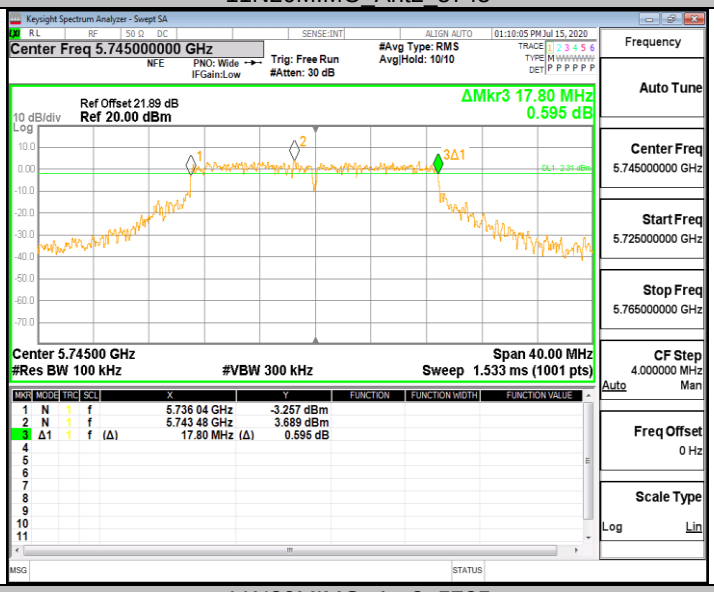


11A_Ant2_5785

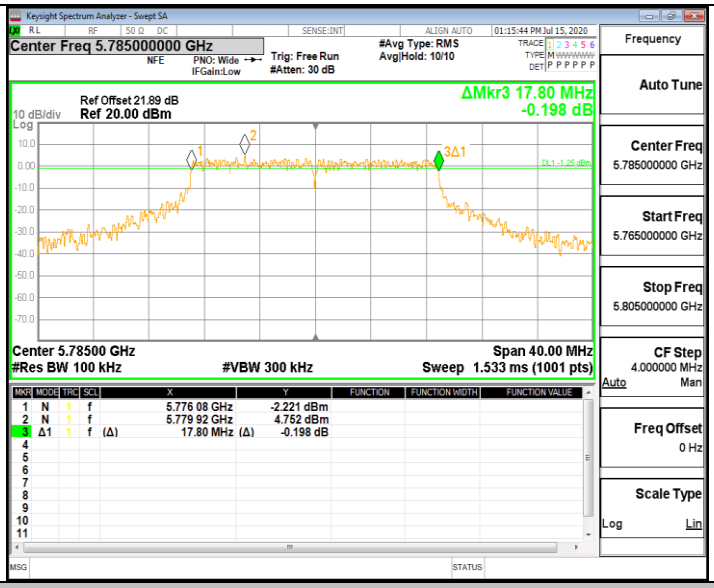


11A_Ant2_5825

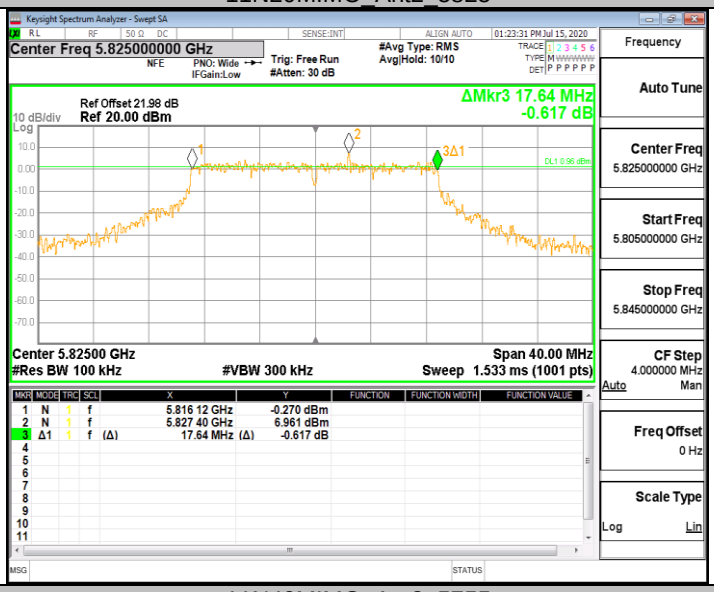
11N20MIMO_Ant2_5745



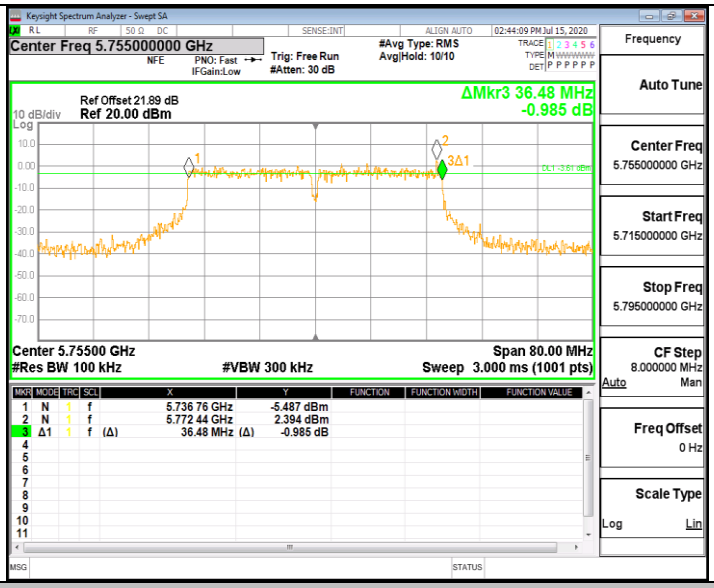
11N20MIMO_Ant2_5785



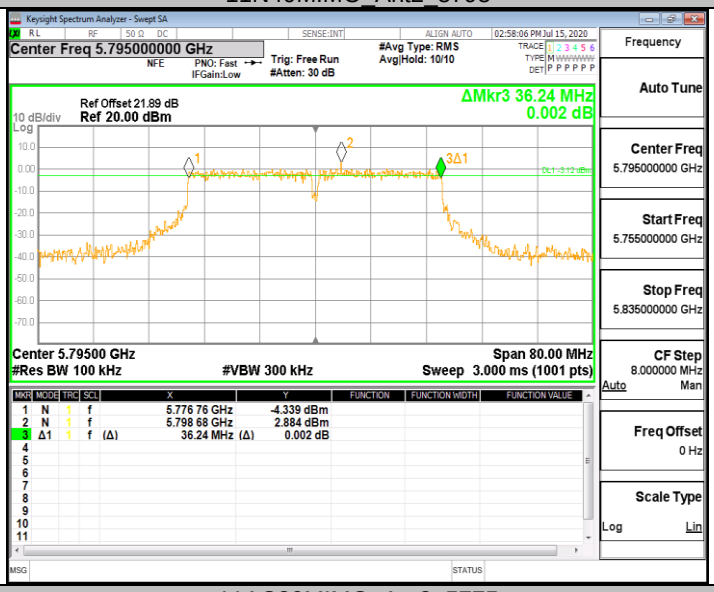
11N20MIMO_Ant2_5825



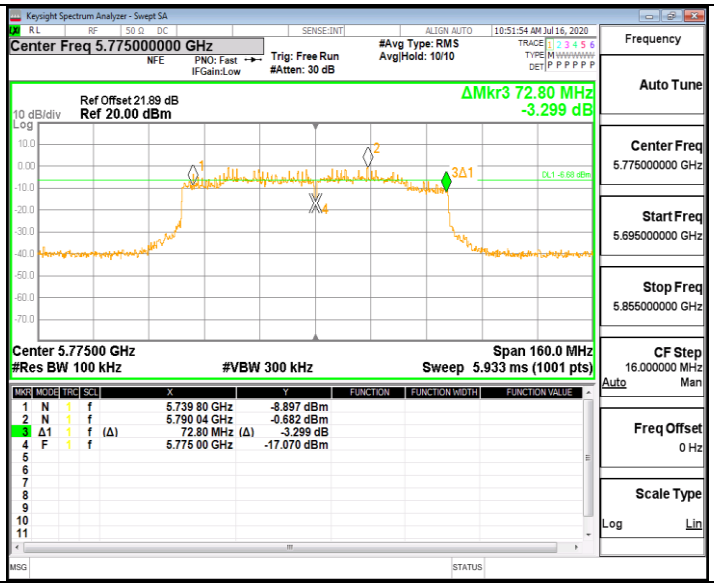
11N40MIMO_Ant2_5755



11N40MIMO_Ant2_5795



11AC80MIMO_Ant2_5775



Appendix B: Maximum Power Spectral Density

Test Result

Test Mode	Antenna	Channel	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant2	5180	6.5	<=11	9.030	<=10	PASS
		5200	5.97	<=11	8.500	<=10	PASS
		5240	6.29	<=11	8.820	<=10	PASS
		5260	6.22	<=11	/	/	PASS
		5280	5.97	<=11	/	/	PASS
		5320	6.29	<=11	/	/	PASS
		5500	3.85	<=11	/	/	PASS
		5600	4.32	<=11	/	/	PASS
		5700	4.45	<=11	/	/	PASS
		5745	2.2	<=30	/	/	PASS
		5785	1.93	<=30	/	/	PASS
		5825	2.08	<=30	/	/	PASS
11N20MIMO	Ant1	5180	0.6	<=11	/	/	PASS
	Ant2	5180	1.29	<=11	/	/	PASS
	total	5180	3.97	<=11	9.142	<=10	PASS
	Ant1	5200	0.37	<=11	/	/	PASS
	Ant2	5200	1.42	<=11	/	/	PASS
	total	5200	3.94	<=11	9.110	<=10	PASS
	Ant1	5240	0.5	<=11	/	/	PASS
	Ant2	5240	1.85	<=11	/	/	PASS
	total	5240	4.24	<=11	9.411	<=10	PASS
	Ant1	5260	3.79	<=11	/	/	PASS
	Ant2	5260	4.79	<=11	/	/	PASS
	total	5260	7.33	<=11	/	/	PASS
	Ant1	5280	4.3	<=11	/	/	PASS
	Ant2	5280	5.61	<=11	/	/	PASS
	total	5280	8.01	<=11	/	/	PASS
	Ant1	5320	4.37	<=11	/	/	PASS
	Ant2	5320	5.07	<=11	/	/	PASS
	total	5320	7.74	<=11	/	/	PASS
	Ant1	5500	4.7	<=11	/	/	PASS
	Ant2	5500	4.62	<=11	/	/	PASS
	total	5500	7.67	<=11	/	/	PASS
	Ant1	5600	2.71	<=11	/	/	PASS
	Ant2	5600	3.41	<=11	/	/	PASS
	total	5600	6.08	<=11	/	/	PASS
	Ant1	5700	4.82	<=11	/	/	PASS
	Ant2	5700	5.26	<=11	/	/	PASS
	total	5700	8.06	<=11	/	/	PASS
	Ant1	5745	1.34	<=30	/	/	PASS
	Ant2	5745	1.96	<=30	/	/	PASS
	total	5745	4.67	<=30	/	/	PASS
	Ant1	5785	1.33	<=30	/	/	PASS
	Ant2	5785	1.83	<=30	/	/	PASS
	total	5785	4.60	<=30	/	/	PASS
	Ant1	5825	1.14	<=30	/	/	PASS
	Ant2	5825	1.51	<=30	/	/	PASS
	total	5825	4.34	<=30	/	/	PASS
11N40MIMO	Ant1	5190	0.73	<=11	/	/	PASS
	Ant2	5190	0.8	<=11	/	/	PASS
	total	5190	3.78	<=11	8.949	<=10	PASS
	Ant1	5230	-0.97	<=11	/	/	PASS

	Ant2	5230	0.83	<=11	/	/	PASS
	total	5230	3.03	<=11	8.206	<=10	PASS
	Ant1	5270	3.11	<=11	/	/	PASS
	Ant2	5270	3.54	<=11	/	/	PASS
	total	5270	6.34	<=11	/	/	PASS
	Ant1	5310	0.5	<=11	/	/	PASS
	Ant2	5310	0.62	<=11	/	/	PASS
	total	5310	3.57	<=11	/	/	PASS
	Ant1	5510	1.36	<=11	/	/	PASS
	Ant2	5510	1.42	<=11	/	/	PASS
	total	5510	4.40	<=11	/	/	PASS
	Ant1	5590	1.39	<=11	/	/	PASS
	Ant2	5590	1.12	<=11	/	/	PASS
	total	5590	4.27	<=11	/	/	PASS
	Ant1	5670	2.21	<=11	/	/	PASS
	Ant2	5670	2.47	<=11	/	/	PASS
	total	5670	5.35	<=11	/	/	PASS
	Ant1	5755	-2.35	<=30	/	/	PASS
	Ant2	5755	-2.12	<=30	/	/	PASS
	total	5755	0.78	<=30	/	/	PASS
	Ant1	5795	-2.3	<=30	/	/	PASS
	Ant2	5795	-2.19	<=30	/	/	PASS
	total	5795	0.77	<=30	/	/	PASS
11AC80MIMO	Ant1	5210	-2.93	<=11	/	/	PASS
	Ant2	5210	-1.55	<=11	/	/	PASS
	total	5210	0.82	<=11	5.99	<=10	PASS
	Ant1	5290	-2.53	<=11	/	/	PASS
	Ant2	5290	-2.76	<=11	/	/	PASS
	total	5290	0.37	<=11	/	/	PASS
	Ant1	5530	-2.02	<=11	/	/	PASS
	Ant2	5530	-2.08	<=11	/	/	PASS
	total	5530	0.96	<=11	/	/	PASS
	Ant1	5610	-1.66	<=11	/	/	PASS
	Ant2	5610	-1.21	<=11	/	/	PASS
	total	5610	1.58	<=11	/	/	PASS
	Ant1	5775	-4.16	<=30	/	/	PASS
	Ant2	5775	-4.35	<=30	/	/	PASS
	total	5775	-1.24	<=30	/	/	PASS
11AC160MIMO	Ant1	5250	-5.61	<=11	/	/	PASS
	Ant2	5250	-4.61	<=11	/	/	PASS
	total	5250	-2.07	<=11	3.10	<=10	PASS
	Ant1	5570	-5.05	<=11	/	/	PASS
	Ant2	5570	-6.21	<=11	/	/	PASS
	total	5570	-2.58	<=11	/	/	PASS

Note：1. The Result and Limit Unit is dBm/500 kHz in the band 5.725 ~ 5.85 GHz.

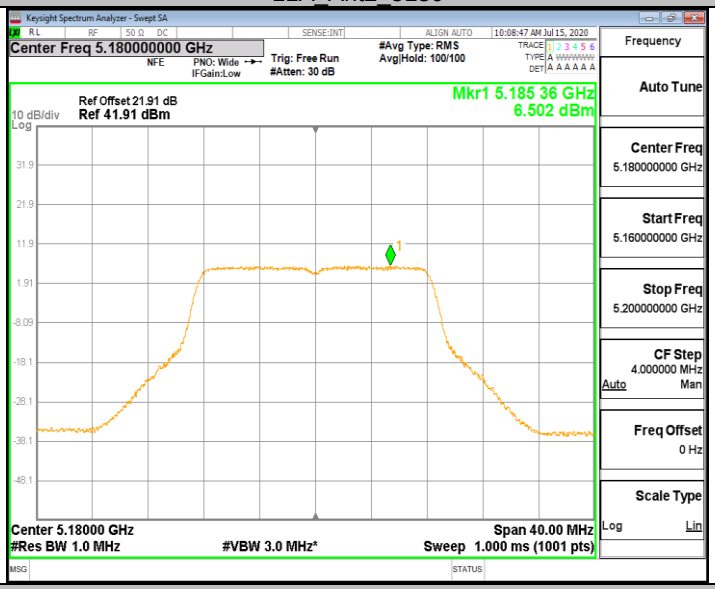
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

3. For 802.11a mode, both the two antennas had been tested, but only the worst data was recorded in the report.

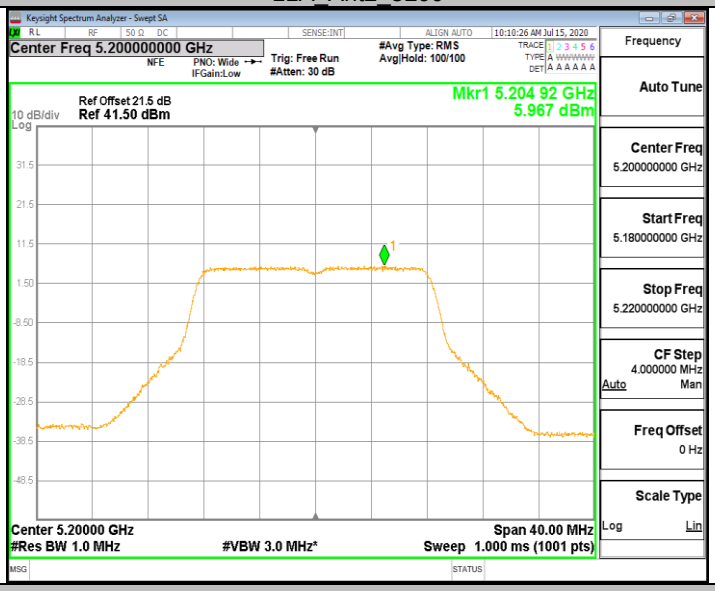
4. All the modes had been teste, but only the worst data was recorded in the report.

Test Graphs

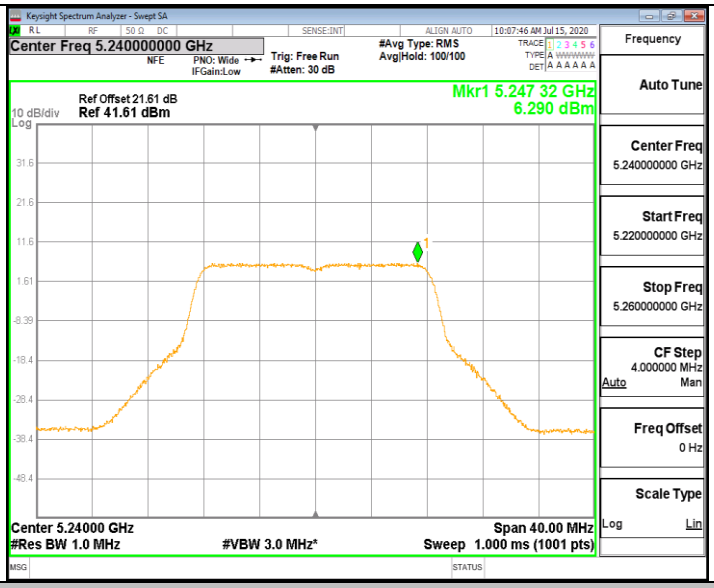
11A_Ant2_5180



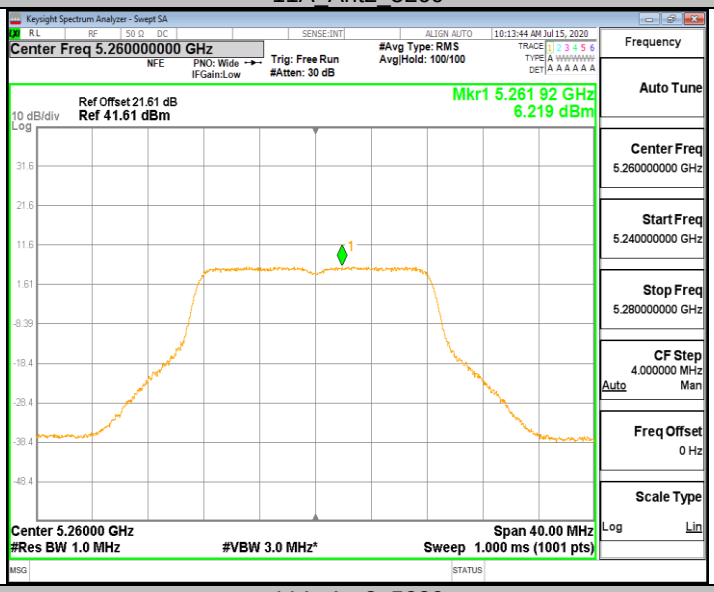
11A_Ant2_5200



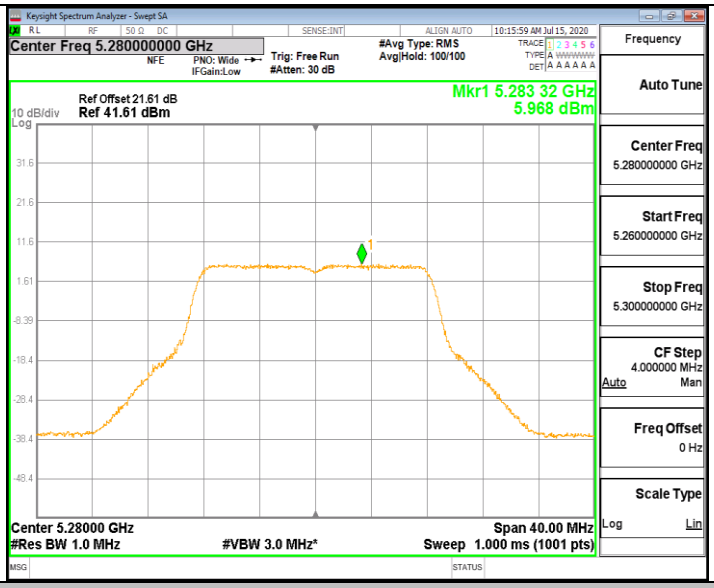
11A_Ant2_5240



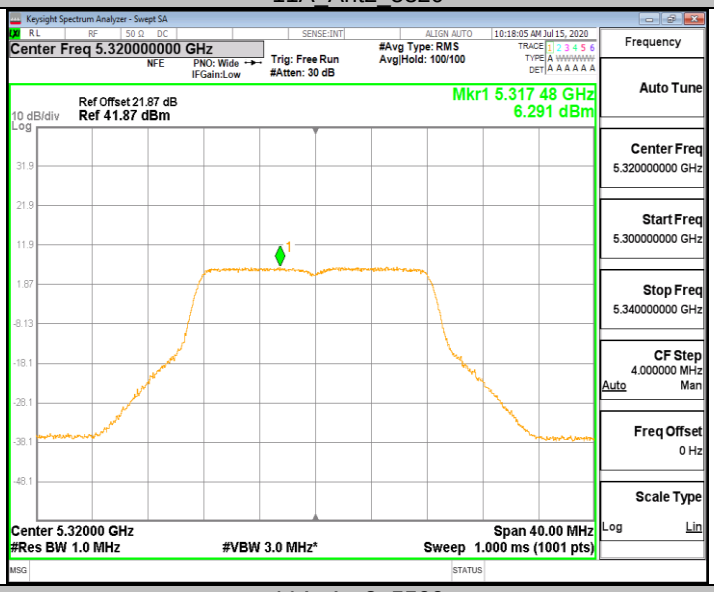
11A_Ant2_5260



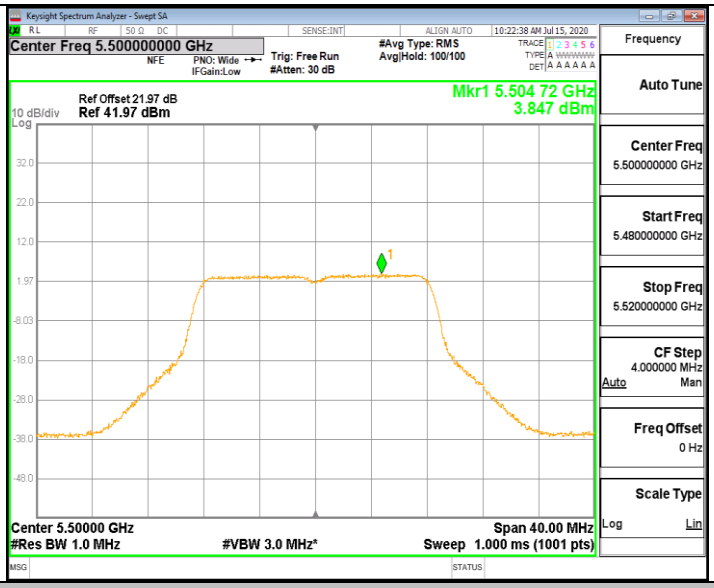
11A_Ant2_5280



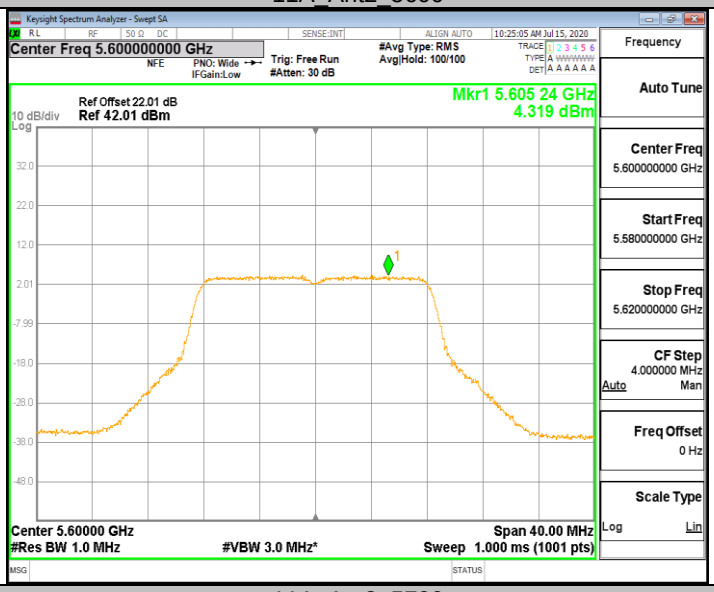
11A_Ant2_5320



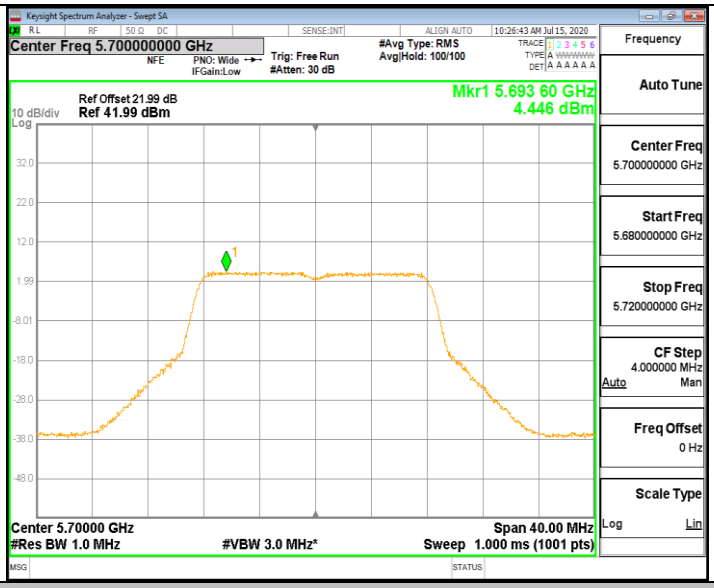
11A_Ant2_5500



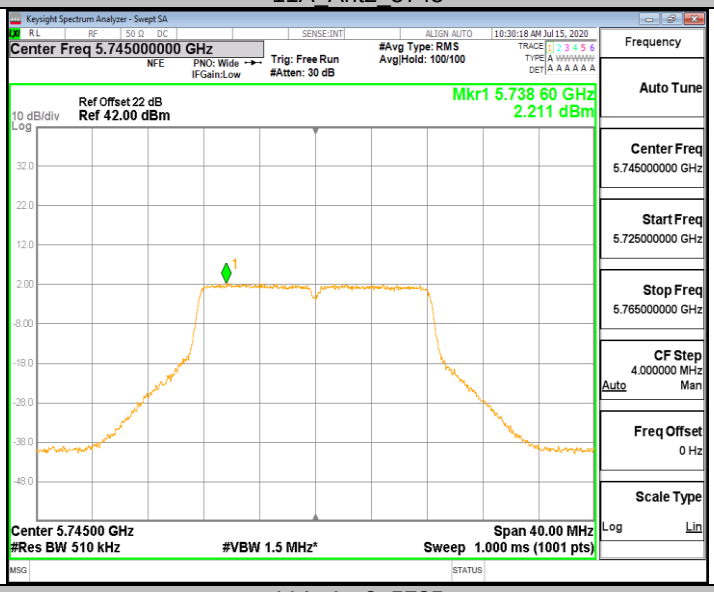
11A_Ant2_5600



11A_Ant2_5700



11A_Ant2_5745



11A_Ant2_5785