



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
	Ant2	5745	16.400	5736.800	5753.200	0.5	PASS
	Ant1	5785	16.360	5776.800	5793.160	0.5	PASS
	Ant2	5785	16.400	5776.800	5793.200	0.5	PASS
	Ant1	5825	16.400	5816.800	5833.200	0.5	PASS
	Ant2	5825	16.360	5816.800	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.640	5736.160	5753.800	0.5	PASS
	Ant2	5745	17.280	5736.160	5753.440	0.5	PASS
	Ant1	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant2	5785	17.320	5776.200	5793.520	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.160	5816.360	5833.520	0.5	PASS
11N40SISO	Ant1	5755	35.360	5737.320	5772.680	0.5	PASS
	Ant2	5755	35.280	5737.320	5772.600	0.5	PASS
	Ant1	5795	35.200	5777.400	5812.600	0.5	PASS
	Ant2	5795	35.440	5777.160	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	17.360	5736.200	5753.560	0.5	PASS
	Ant2	5745	17.640	5736.160	5753.800	0.5	PASS
	Ant1	5785	17.640	5776.160	5793.800	0.5	PASS
	Ant2	5785	17.320	5776.200	5793.520	0.5	PASS
	Ant1	5825	17.640	5816.160	5833.800	0.5	PASS
	Ant2	5825	17.280	5816.160	5833.440	0.5	PASS
11AC40SISO	Ant1	5755	35.360	5737.320	5772.680	0.5	PASS
	Ant2	5755	35.360	5737.320	5772.680	0.5	PASS
	Ant1	5795	35.280	5777.320	5812.600	0.5	PASS
	Ant2	5795	35.360	5777.320	5812.680	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS
11N20MIMO	Ant1	5745	17.120	5736.440	5753.560	0.5	PASS
	Ant2	5745	17.640	5736.200	5753.840	0.5	PASS
	Ant1	5785	17.400	5776.200	5793.600	0.5	PASS
	Ant2	5785	17.280	5776.200	5793.480	0.5	PASS
	Ant1	5825	17.400	5816.200	5833.600	0.5	PASS
	Ant2	5825	17.240	5816.200	5833.440	0.5	PASS
11N40MIMO	Ant1	5755	35.280	5737.400	5772.680	0.5	PASS
	Ant2	5755	35.360	5737.320	5772.680	0.5	PASS
	Ant1	5795	35.520	5777.320	5812.840	0.5	PASS

	Ant2	5795	35.280	5777.400	5812.680	0.5	PASS
11AC20MIMO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
	Ant2	5745	17.640	5736.200	5753.840	0.5	PASS
	Ant1	5785	17.360	5776.200	5793.560	0.5	PASS
	Ant2	5785	17.360	5776.200	5793.560	0.5	PASS
	Ant1	5825	17.600	5816.200	5833.800	0.5	PASS
	Ant2	5825	17.600	5816.200	5833.800	0.5	PASS
11AC40MIMO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant2	5755	35.200	5737.400	5772.600	0.5	PASS
	Ant1	5795	35.360	5777.320	5812.680	0.5	PASS
	Ant2	5795	35.200	5777.480	5812.680	0.5	PASS
11AC80MIMO	Ant1	5775	75.360	5737.400	5812.760	0.5	PASS
	Ant2	5775	75.520	5737.240	5812.760	0.5	PASS

Test Graphs

11A_Ant1_5745



11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



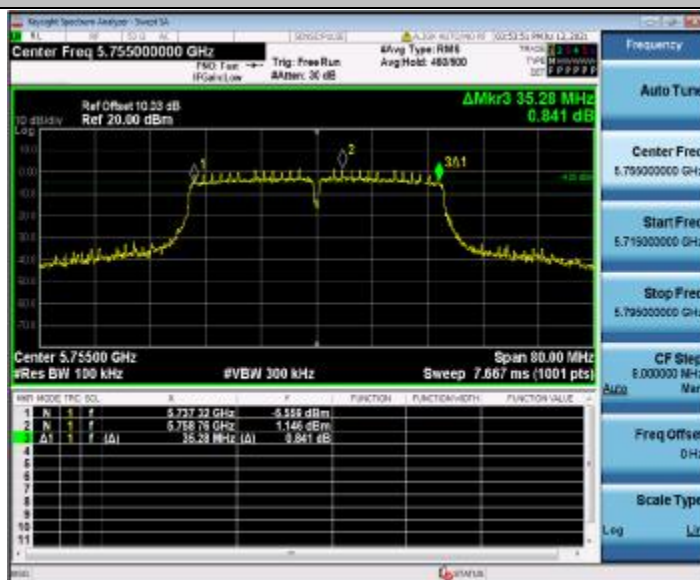
11N20SISO_Ant2_5825



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5795



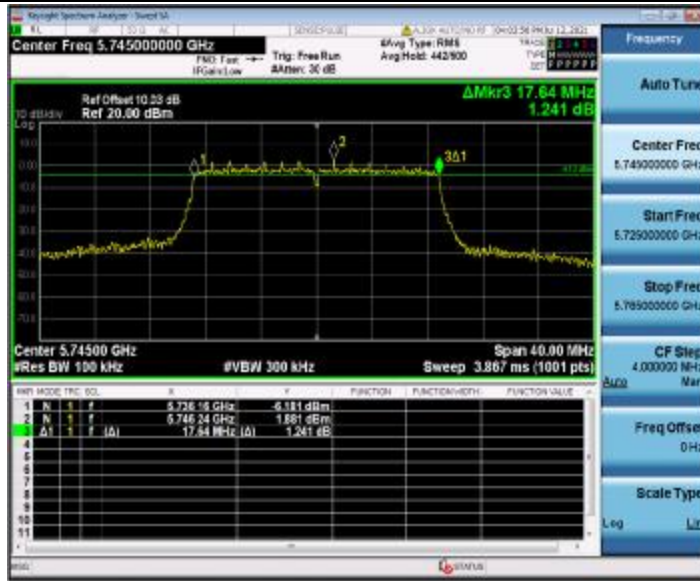
11N40SISO_Ant2_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



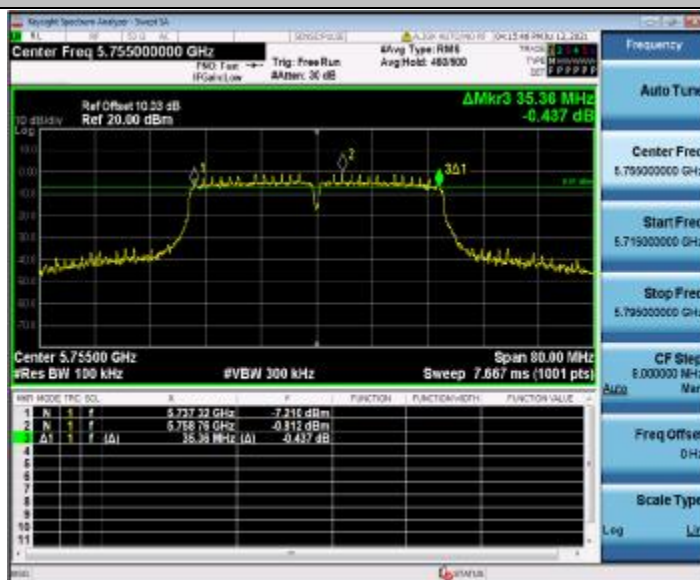
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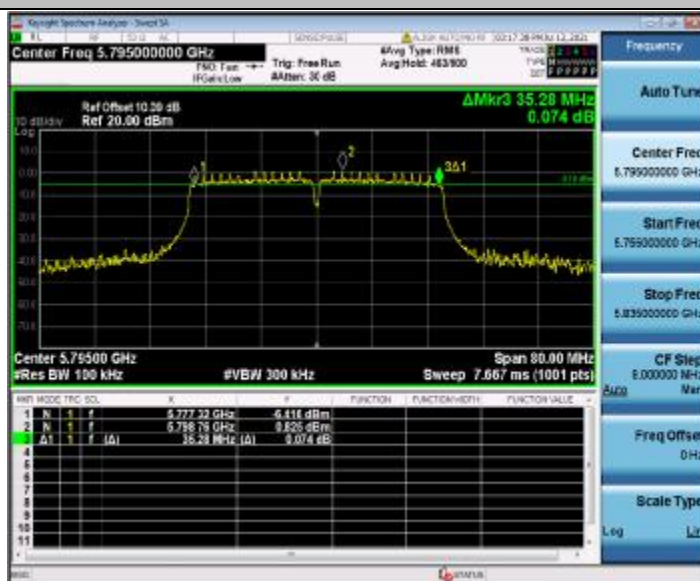
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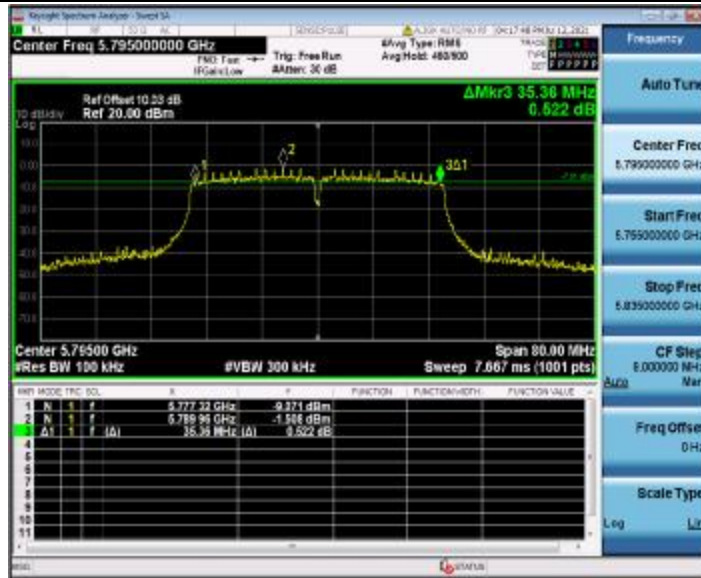
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11AC40SISO_Ant1_5795



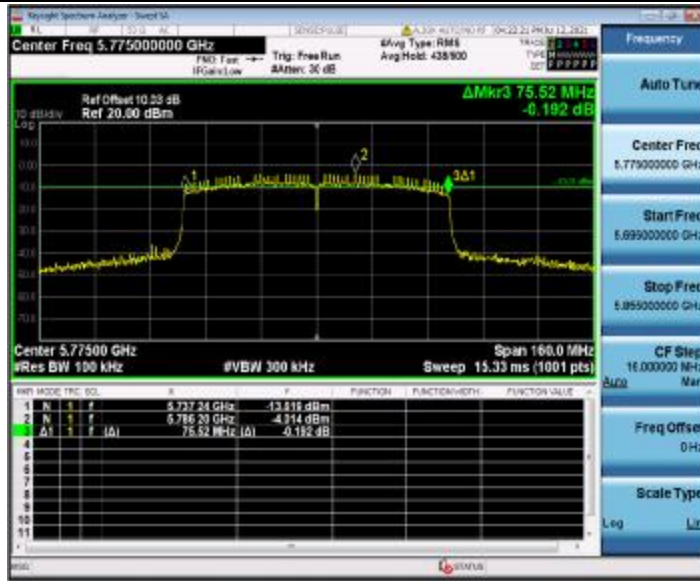
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11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11N20MIMO_Ant1_5745



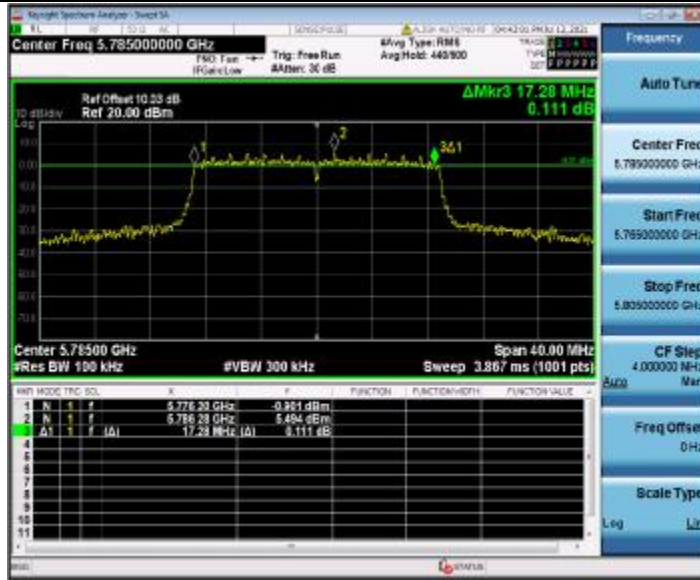
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11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



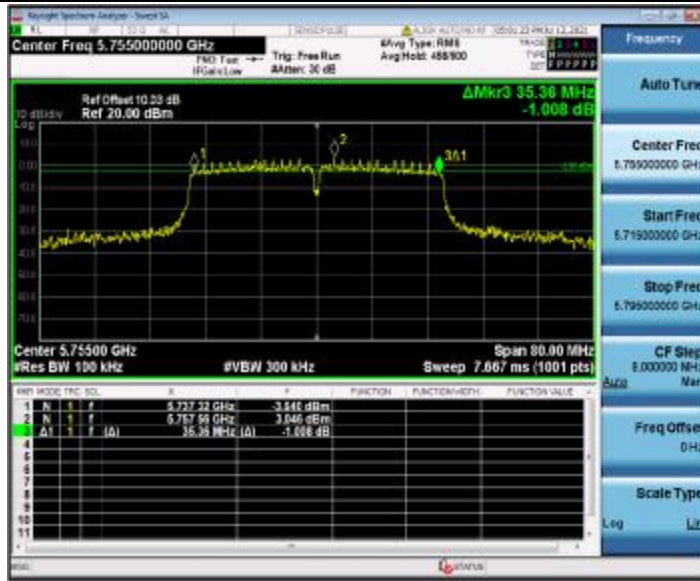
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11N40MIMO_Ant1_5755



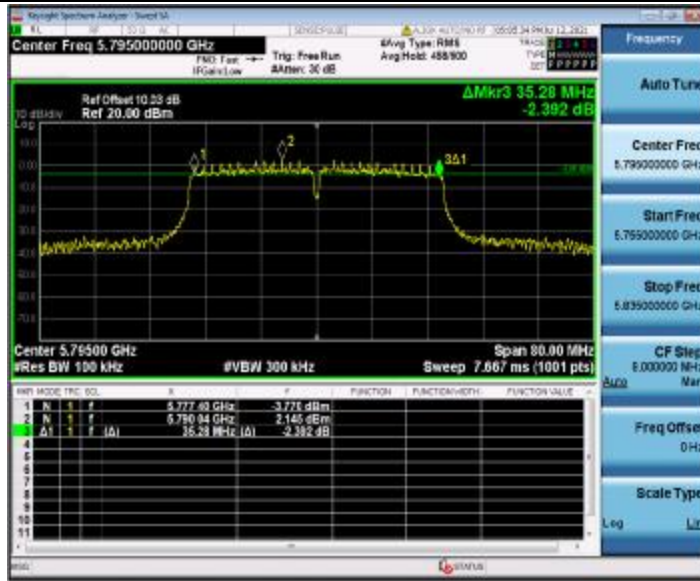
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11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



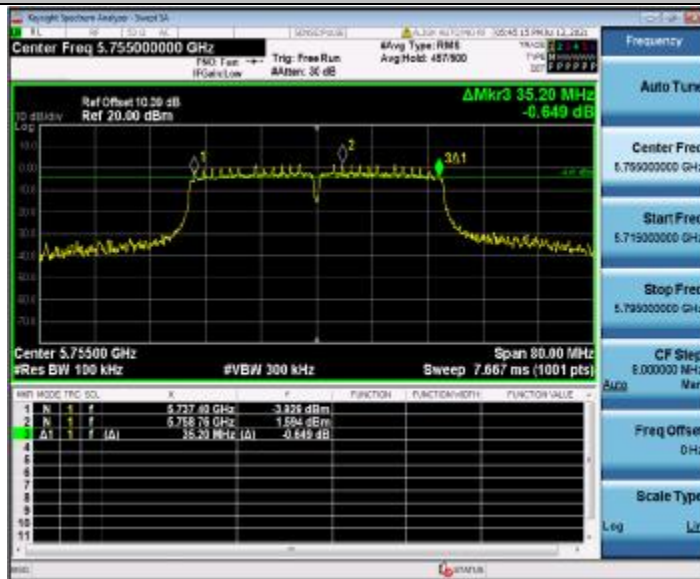
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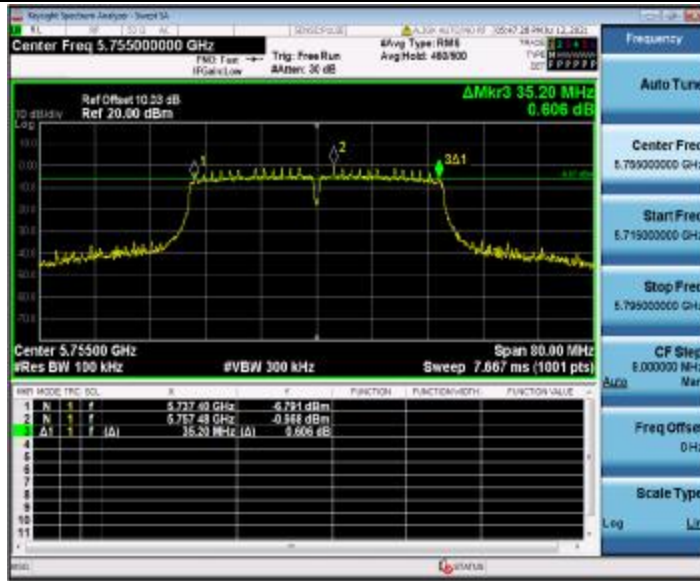
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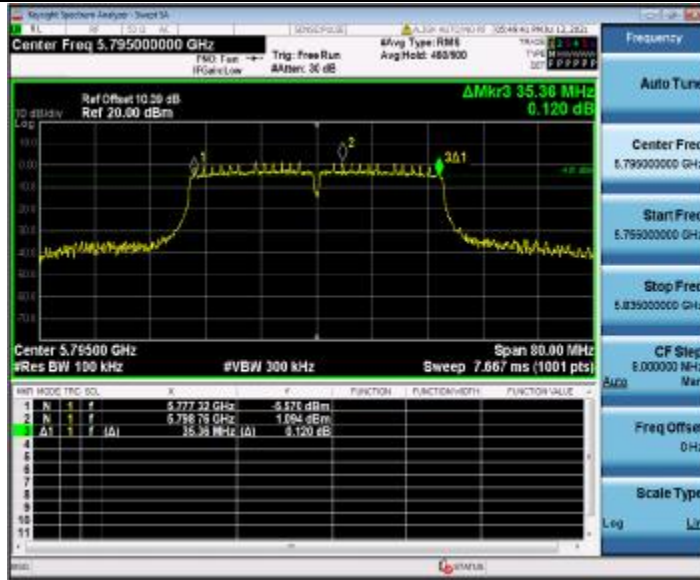
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



Appendix B: Maximum conducted output power

Test Result

For FCC reviewer:

TestMode	Antenna	Channel	Result [dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.67	<=23.98	PASS
	Ant2	5180	16.33	<=23.98	PASS
	Ant1	5200	16.07	<=23.98	PASS
	Ant2	5200	16.52	<=23.98	PASS
	Ant1	5240	16.78	<=23.98	PASS
	Ant2	5240	16.35	<=23.98	PASS
	Ant1	5745	18.35	<=30	PASS
	Ant2	5745	16.74	<=30	PASS
	Ant1	5785	18.41	<=30	PASS
	Ant2	5785	16.67	<=30	PASS
	Ant1	5825	18.60	<=30	PASS
	Ant2	5825	16.64	<=30	PASS
11N20SISO	Ant1	5180	15.43	<=23.98	PASS
	Ant2	5180	14.16	<=23.98	PASS
	Ant1	5200	16.23	<=23.98	PASS
	Ant2	5200	14.51	<=23.98	PASS
	Ant1	5240	16.67	<=23.98	PASS
	Ant2	5240	14.06	<=23.98	PASS
	Ant1	5745	18.29	<=30	PASS
	Ant2	5745	14.90	<=30	PASS
	Ant1	5785	18.35	<=30	PASS
	Ant2	5785	14.32	<=30	PASS
	Ant1	5825	18.69	<=30	PASS
	Ant2	5825	14.36	<=30	PASS
11N40SISO	Ant1	5190	15.06	<=23.98	PASS
	Ant2	5190	13.46	<=23.98	PASS
	Ant1	5230	16.31	<=23.98	PASS
	Ant2	5230	13.81	<=23.98	PASS
	Ant1	5755	18.32	<=30	PASS
	Ant2	5755	15.04	<=30	PASS
	Ant1	5795	18.01	<=30	PASS
	Ant2	5795	13.81	<=30	PASS
11AC20SISO	Ant1	5180	12.51	<=23.98	PASS
	Ant2	5180	12.63	<=23.98	PASS
	Ant1	5200	13.10	<=23.98	PASS
	Ant2	5200	12.87	<=23.98	PASS

	Ant1	5240	13.91	<=23.98	PASS	
	Ant2	5240	12.58	<=23.98	PASS	
	Ant1	5745	15.26	<=30	PASS	
	Ant2	5745	13.26	<=30	PASS	
	Ant1	5785	15.53	<=30	PASS	
	Ant2	5785	13.15	<=30	PASS	
	Ant1	5825	15.69	<=30	PASS	
	Ant2	5825	13.16	<=30	PASS	
11AC40SISO	Ant1	5190	12.10	<=23.98	PASS	
	Ant2	5190	12.26	<=23.98	PASS	
	Ant1	5230	12.94	<=23.98	PASS	
	Ant2	5230	12.11	<=23.98	PASS	
	Ant1	5755	15.69	<=30	PASS	
	Ant2	5755	13.16	<=30	PASS	
	Ant1	5795	14.66	<=30	PASS	
	Ant2	5795	12.14	<=30	PASS	
11AC80SISO	Ant1	5210	10.66	<=23.98	PASS	
	Ant2	5210	12.80	<=23.98	PASS	
	Ant1	5775	13.96	<=30	PASS	
	Ant2	5775	13.27	<=30	PASS	
11N20MIMO	Ant1	5180	11.30	<=23.98	PASS	
	Ant2	5180	11.84	<=23.98	PASS	
	total	5180	14.59	<=22.42	PASS	
	Ant1	5200	11.04	<=23.98	PASS	
	Ant2	5200	11.22	<=23.98	PASS	
	total	5200	14.14	<=22.42	PASS	
	Ant1	5240	11.74	<=23.98	PASS	
	Ant2	5240	10.77	<=23.98	PASS	
	total	5240	14.29	<=22.42	PASS	
	Ant1	5745	18.26	<=30	PASS	
	Ant2	5745	16.85	<=30	PASS	
	total	5745	20.62	<=28.44	PASS	
	Ant1	5785	18.42	<=30	PASS	
	Ant2	5785	16.51	<=30	PASS	
	total	5785	20.58	<=28.44	PASS	
	Ant1	5825	18.60	<=30	PASS	
	Ant2	5825	16.45	<=30	PASS	
	total	5825	20.67	<=28.44	PASS	
	11N40MIMO	Ant1	5190	10.21	<=23.98	PASS
		Ant2	5190	11.15	<=23.98	PASS
total		5190	13.72	<=22.42	PASS	
Ant1		5230	11.22	<=23.98	PASS	
Ant2		5230	11.05	<=23.98	PASS	

	total	5230	14.15	<=22.42	PASS
	Ant1	5755	18.58	<=30	PASS
	Ant2	5755	16.94	<=30	PASS
	total	5755	20.85	<=28.44	PASS
	Ant1	5795	18.39	<=30	PASS
	Ant2	5795	15.91	<=30	PASS
	total	5795	20.33	<=28.44	PASS
11AC20MIMO	Ant1	5180	10.21	<=23.98	PASS
	Ant2	5180	10.28	<=23.98	PASS
	total	5180	13.26	<=22.42	PASS
	Ant1	5200	10.72	<=23.98	PASS
	Ant2	5200	10.63	<=23.98	PASS
	total	5200	13.69	<=22.42	PASS
	Ant1	5240	11.67	<=23.98	PASS
	Ant2	5240	10.49	<=23.98	PASS
	total	5240	14.13	<=22.42	PASS
	Ant1	5745	15.39	<=30	PASS
	Ant2	5745	12.91	<=30	PASS
	total	5745	17.33	<=28.44	PASS
	Ant1	5785	15.50	<=30	PASS
	Ant2	5785	12.61	<=30	PASS
	total	5785	17.30	<=28.44	PASS
	Ant1	5825	15.66	<=30	PASS
	Ant2	5825	12.61	<=30	PASS
total	5825	17.41	<=28.44	PASS	
11AC40MIMO	Ant1	5190	12.17	<=23.98	PASS
	Ant2	5190	11.66	<=23.98	PASS
	total	5190	14.93	<=22.42	PASS
	Ant1	5230	12.82	<=23.98	PASS
	Ant2	5230	11.81	<=23.98	PASS
	total	5230	15.35	<=22.42	PASS
	Ant1	5755	15.37	<=30	PASS
	Ant2	5755	12.93	<=30	PASS
	total	5755	17.33	<=28.44	PASS
	Ant1	5795	14.92	<=30	PASS
	Ant2	5795	12.01	<=30	PASS
	total	5795	16.71	<=28.44	PASS
11AC80MIMO	Ant1	5210	11.39	<=23.98	PASS
	Ant2	5210	12.46	<=23.98	PASS
	total	5210	14.97	<=23.98	PASS
	Ant1	5775	15.41	<=30	PASS
	Ant2	5775	12.34	<=30	PASS
	total	5775	17.15	<=28.44	PASS

Note:

1. Duty Cycle Factor is compensated in the graph.
2. For MIMO mode the directional gain of the antenna is 7.56dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For IC reviewer:

TestMode	Antenna	Channel	Result [dBm]	Antenna Gain[dBi]	E.I.R.P [dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.67	3.77	19.44	<=22.18	PASS
	Ant2	5180	16.33	4.56	20.89	<=22.18	PASS
	Ant1	5200	16.07	3.77	19.84	<=22.18	PASS
	Ant2	5200	16.52	4.56	21.08	<=22.18	PASS
	Ant1	5240	16.78	3.77	20.55	<=22.18	PASS
	Ant2	5240	16.35	4.56	20.91	<=22.18	PASS
	Ant1	5745	18.35	3.77	22.12	<=30	PASS
	Ant2	5745	16.74	4.56	21.30	<=30	PASS
	Ant1	5785	18.41	3.77	22.18	<=30	PASS
	Ant2	5785	16.67	4.56	21.23	<=30	PASS
	Ant1	5825	18.60	3.77	22.37	<=30	PASS
	Ant2	5825	16.64	4.56	21.20	<=30	PASS
11N20SISO	Ant1	5180	15.43	3.77	19.20	<=22.46	PASS
	Ant2	5180	14.16	4.56	18.72	<=22.47	PASS
	Ant1	5200	16.23	3.77	20.00	<=22.47	PASS
	Ant2	5200	14.51	4.56	19.07	<=22.46	PASS
	Ant1	5240	16.67	3.77	20.44	<=22.46	PASS
	Ant2	5240	14.06	4.56	18.62	<=22.46	PASS
	Ant1	5745	18.29	3.77	22.06	<=30	PASS
	Ant2	5745	14.90	4.56	19.46	<=30	PASS
	Ant1	5785	18.35	3.77	22.12	<=30	PASS
	Ant2	5785	14.32	4.56	18.88	<=30	PASS
	Ant1	5825	18.69	3.77	22.46	<=30	PASS
	Ant2	5825	14.36	4.56	18.92	<=30	PASS
11N40SISO	Ant1	5190	15.06	3.77	18.83	<=23.01	PASS
	Ant2	5190	13.46	4.56	18.02	<=23.01	PASS
	Ant1	5230	16.31	3.77	20.08	<=23.01	PASS
	Ant2	5230	13.81	4.56	18.37	<=23.01	PASS
	Ant1	5755	18.32	3.77	22.09	<=30	PASS
	Ant2	5755	15.04	4.56	19.60	<=30	PASS
	Ant1	5795	18.01	3.77	21.78	<=30	PASS
	Ant2	5795	13.81	4.56	18.37	<=30	PASS
11AC20SISO	Ant1	5180	12.51	3.77	16.28	<=22.47	PASS
	Ant2	5180	12.63	4.56	17.19	<=22.46	PASS
	Ant1	5200	13.10	3.77	16.87	<=22.48	PASS
	Ant2	5200	12.87	4.56	17.43	<=22.46	PASS
	Ant1	5240	13.91	3.77	17.68	<=22.47	PASS
	Ant2	5240	12.58	4.56	17.14	<=22.46	PASS
	Ant1	5745	15.26	3.77	19.03	<=30	PASS
	Ant2	5745	13.26	4.56	17.82	<=30	PASS

	Ant1	5785	15.53	3.77	19.30	<=30	PASS
	Ant2	5785	13.15	4.56	17.71	<=30	PASS
	Ant1	5825	15.69	3.77	19.46	<=30	PASS
	Ant2	5825	13.16	4.56	17.72	<=30	PASS
11AC40SISO	Ant1	5190	12.10	3.77	15.87	<=23.01	PASS
	Ant2	5190	12.26	4.56	16.82	<=23.01	PASS
	Ant1	5230	12.94	3.77	16.71	<=23.01	PASS
	Ant2	5230	12.11	4.56	16.67	<=23.01	PASS
	Ant1	5755	15.69	3.77	19.46	<=30	PASS
	Ant2	5755	13.16	4.56	17.72	<=30	PASS
	Ant1	5795	14.66	3.77	18.43	<=30	PASS
	Ant2	5795	12.14	4.56	16.70	<=30	PASS
11AC80SISO	Ant1	5210	10.66	3.77	14.43	<=23.01	PASS
	Ant2	5210	12.80	4.56	17.36	<=23.01	PASS
	Ant1	5775	13.96	3.77	17.73	<=30	PASS
	Ant2	5775	13.27	4.56	17.83	<=30	PASS
11N20MIMO	Ant1	5180	11.30	3.77	15.07	<=22.48	PASS
	Ant2	5180	11.84	4.56	16.40	<=22.48	PASS
	total	5180	14.59	7.57	22.16	<=22.48	PASS
	Ant1	5200	11.04	3.77	14.81	<=22.47	PASS
	Ant2	5200	11.22	4.56	15.78	<=22.48	PASS
	total	5200	14.14	7.57	21.71	<=22.47	PASS
	Ant1	5240	11.74	3.77	15.51	<=22.48	PASS
	Ant2	5240	10.77	4.56	15.33	<=22.46	PASS
	total	5240	14.29	7.57	21.86	<=22.46	PASS
	Ant1	5745	18.26	3.77	22.03	<=30	PASS
	Ant2	5745	16.85	4.56	21.41	<=30	PASS
	total	5745	20.62	7.57	28.19	<=28.44	PASS
	Ant1	5785	18.42	3.77	22.19	<=30	PASS
	Ant2	5785	16.51	4.56	21.07	<=30	PASS
	total	5785	20.58	7.57	28.15	<=28.44	PASS
	Ant1	5825	18.60	3.77	22.37	<=30	PASS
Ant2	5825	16.45	4.56	21.01	<=30	PASS	
total	5825	20.67	7.57	28.24	<=28.44	PASS	
11N40MIMO	Ant1	5190	10.21	3.77	13.98	<=23.01	PASS
	Ant2	5190	11.15	4.56	15.71	<=23.01	PASS
	total	5190	13.72	7.57	21.29	<=23.01	PASS
	Ant1	5230	11.22	3.77	14.99	<=23.01	PASS
	Ant2	5230	11.05	4.56	15.61	<=23.01	PASS
	total	5230	14.15	7.57	21.72	<=23.01	PASS
	Ant1	5755	18.58	3.77	22.35	<=30	PASS
	Ant2	5755	16.94	4.56	21.50	<=30	PASS
	total	5755	20.85	7.57	28.42	<=28.44	PASS

	Ant1	5795	18.39	3.77	22.16	<=30	PASS
	Ant2	5795	15.91	4.56	20.47	<=30	PASS
	total	5795	20.33	7.57	27.90	<=28.44	PASS
11AC20MIMO	Ant1	5180	10.21	3.77	13.98	<=22.47	PASS
	Ant2	5180	10.28	4.56	14.84	<=22.50	PASS
	total	5180	13.26	7.57	20.83	<=22.47	PASS
	Ant1	5200	10.72	3.77	14.49	<=22.47	PASS
	Ant2	5200	10.63	4.56	15.19	<=22.49	PASS
	total	5200	13.69	7.57	21.26	<=22.47	PASS
	Ant1	5240	11.67	3.77	15.44	<=22.46	PASS
	Ant2	5240	10.49	4.56	15.05	<=22.47	PASS
	total	5240	14.13	7.57	21.70	<=22.46	PASS
	Ant1	5745	15.39	3.77	19.16	<=30	PASS
	Ant2	5745	12.91	4.56	17.47	<=30	PASS
	total	5745	17.33	7.57	24.90	<=28.44	PASS
	Ant1	5785	15.50	3.77	19.27	<=30	PASS
	Ant2	5785	12.61	4.56	17.17	<=30	PASS
	total	5785	17.30	7.57	24.87	<=28.44	PASS
	Ant1	5825	15.66	3.77	19.43	<=30	PASS
	Ant2	5825	12.61	4.56	17.17	<=30	PASS
	total	5825	17.41	7.57	24.98	<=28.44	PASS
11AC40MIMO	Ant1	5190	12.17	3.77	15.94	<=23.01	PASS
	Ant2	5190	11.66	4.56	16.22	<=23.01	PASS
	total	5190	14.93	7.57	22.50	<=23.01	PASS
	Ant1	5230	12.82	3.77	16.59	<=23.01	PASS
	Ant2	5230	11.81	4.56	16.37	<=23.01	PASS
	total	5230	15.35	7.57	22.92	<=23.01	PASS
	Ant1	5755	15.37	3.77	19.14	<=30	PASS
	Ant2	5755	12.93	4.56	17.49	<=30	PASS
	total	5755	17.33	7.57	24.90	<=28.44	PASS
	Ant1	5795	14.92	3.77	18.69	<=30	PASS
	Ant2	5795	12.01	4.56	16.57	<=30	PASS
	total	5795	16.71	7.57	24.28	<=28.44	PASS
11AC80MIMO	Ant1	5210	11.39	3.77	15.16	<=23.01	PASS
	Ant2	5210	12.46	4.56	17.02	<=23.01	PASS
	total	5210	14.97	7.57	22.54	<=23.01	PASS
	Ant1	5775	15.41	3.77	19.18	<=30	PASS
	Ant2	5775	12.34	4.56	16.90	<=30	PASS
	total	5775	17.15	7.57	24.72	<=28.44	PASS

Note:

1. Duty Cycle Factor is compensated in the graph.
2. For Band 1 The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz

3. For For Band 4 MIMO mode the directional gain of the antenna is 7.56dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Appendix C: Maximum power spectral density

Test Result

For FCC reviewer:

TestMode	Antenna	Channel	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.77	<=11	PASS
	Ant2	5180	4.23	<=11	PASS
	Ant1	5200	5.22	<=11	PASS
	Ant2	5200	4.37	<=11	PASS
	Ant1	5240	5.72	<=11	PASS
	Ant2	5240	4.76	<=11	PASS
	Ant1	5745	4.26	<=30	PASS
	Ant2	5745	2.81	<=30	PASS
	Ant1	5785	4.60	<=30	PASS
	Ant2	5785	2.84	<=30	PASS
	Ant1	5825	4.67	<=30	PASS
	Ant2	5825	2.93	<=30	PASS
11N20SISO	Ant1	5180	4.12	<=11	PASS
	Ant2	5180	2.93	<=11	PASS
	Ant1	5200	5.21	<=11	PASS
	Ant2	5200	3.3	<=11	PASS
	Ant1	5240	5.44	<=11	PASS
	Ant2	5240	2.98	<=11	PASS
	Ant1	5745	3.99	<=30	PASS
	Ant2	5745	0.79	<=30	PASS
	Ant1	5785	3.99	<=30	PASS
	Ant2	5785	0.38	<=30	PASS
	Ant1	5825	4.46	<=30	PASS
	Ant2	5825	0.25	<=30	PASS
11N40SISO	Ant1	5190	1.21	<=11	PASS
	Ant2	5190	-0.44	<=11	PASS
	Ant1	5230	2.52	<=11	PASS
	Ant2	5230	-0.36	<=11	PASS
	Ant1	5755	1.38	<=30	PASS
	Ant2	5755	-1.70	<=30	PASS
	Ant1	5795	1.12	<=30	PASS
	Ant2	5795	-3.24	<=30	PASS
11AC20SISO	Ant1	5180	1.30	<=11	PASS
	Ant2	5180	1.41	<=11	PASS
	Ant1	5200	1.82	<=11	PASS
	Ant2	5200	1.65	<=11	PASS
	Ant1	5240	2.67	<=11	PASS

	Ant2	5240	1.52	<=11	PASS
	Ant1	5745	1.20	<=30	PASS
	Ant2	5745	-0.95	<=30	PASS
	Ant1	5785	1.18	<=30	PASS
	Ant2	5785	-0.88	<=30	PASS
	Ant1	5825	1.45	<=30	PASS
	Ant2	5825	-0.84	<=30	PASS
11AC40SISO	Ant1	5190	-1.95	<=11	PASS
	Ant2	5190	-1.52	<=11	PASS
	Ant1	5230	-0.7	<=11	PASS
	Ant2	5230	-1.81	<=11	PASS
	Ant1	5755	-1.53	<=30	PASS
	Ant2	5755	-3.66	<=30	PASS
	Ant1	5795	-2.00	<=30	PASS
11AC80SISO	Ant2	5795	-4.91	<=30	PASS
	Ant1	5210	-5.84	<=11	PASS
	Ant2	5210	-3.73	<=11	PASS
	Ant1	5775	-5.60	<=30	PASS
11N20MIMO	Ant2	5775	-6.71	<=30	PASS
	Ant1	5180	-0.82	<=11	PASS
	Ant2	5180	-3.13	<=11	PASS
	total	5180	1.19	<=9.44	PASS
	Ant1	5200	-0.78	<=11	PASS
	Ant2	5200	-2.82	<=11	PASS
	total	5200	1.33	<=9.44	PASS
	Ant1	5240	-0.18	<=11	PASS
	Ant2	5240	-2.27	<=11	PASS
	total	5240	1.91	<=9.44	PASS
	Ant1	5745	-1.82	<=30	PASS
	Ant2	5745	-4.30	<=30	PASS
	total	5745	0.12	<=28.44	PASS
	Ant1	5785	-1.80	<=30	PASS
	Ant2	5785	-3.46	<=30	PASS
	total	5785	0.46	<=28.44	PASS
	11N40MIMO	Ant1	5825	4.46	<=30
Ant2		5825	2.85	<=30	PASS
total		5825	6.74	<=28.44	PASS
Ant1		5190	-3.28	<=11	PASS
Ant2		5190	-5.19	<=11	PASS
total		5190	-1.12	<=9.44	PASS
	Ant1	5230	-2.81	<=11	PASS
	Ant2	5230	-5.24	<=11	PASS
	total	5230	-0.85	<=9.44	PASS

	Ant1	5755	1.67	<=30	PASS
	Ant2	5755	0.34	<=30	PASS
	total	5755	4.07	<=28.44	PASS
	Ant1	5795	1.42	<=30	PASS
	Ant2	5795	-0.68	<=30	PASS
	total	5795	3.51	<=28.44	PASS
11AC20MIMO	Ant1	5180	-1.09	<=11	PASS
	Ant2	5180	-2.88	<=11	PASS
	total	5180	1.12	<=9.44	PASS
	Ant1	5200	-0.56	<=11	PASS
	Ant2	5200	-2.89	<=11	PASS
	total	5200	1.44	<=9.44	PASS
	Ant1	5240	-0.08	<=11	PASS
	Ant2	5240	-2.07	<=11	PASS
	total	5240	2.05	<=9.44	PASS
	Ant1	5745	1.19	<=30	PASS
	Ant2	5745	-1.25	<=30	PASS
	total	5745	3.15	<=28.44	PASS
	Ant1	5785	1.60	<=30	PASS
	Ant2	5785	-1.61	<=30	PASS
	total	5785	3.30	<=28.44	PASS
	Ant1	5825	1.52	<=30	PASS
	Ant2	5825	-1.34	<=30	PASS
	total	5825	3.33	<=28.44	PASS
11AC40MIMO	Ant1	5190	-3.75	<=11	PASS
	Ant2	5190	-6.27	<=11	PASS
	total	5190	-1.82	<=9.44	PASS
	Ant1	5230	-3.71	<=11	PASS
	Ant2	5230	-5.95	<=11	PASS
	total	5230	-1.68	<=9.44	PASS
	Ant1	5755	-1.64	<=30	PASS
	Ant2	5755	-4.06	<=30	PASS
	total	5755	0.33	<=28.44	PASS
	Ant1	5795	-1.80	<=30	PASS
	Ant2	5795	-4.57	<=30	PASS
	total	5795	0.04	<=28.44	PASS
11AC80MIMO	Ant1	5210	-6.65	<=11	PASS
	Ant2	5210	-8.90	<=11	PASS
	total	5210	-4.62	<=9.44	PASS
	Ant1	5775	-4.35	<=30	PASS
	Ant2	5775	-7.23	<=30	PASS
	total	5775	-2.55	<=28.44	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 MIMO mode the directional gain of the antenna is 7.56dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For IC reviewer:

TestMode	Antenna	Channel	Result [dBm/MHz]	Antenna Gain[dBi]	E.I.R.P [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.77	3.77	8.54	<=10	PASS
	Ant2	5180	4.23	4.56	8.79	<=10	PASS
	Ant1	5200	5.22	3.77	8.99	<=10	PASS
	Ant2	5200	4.37	4.56	8.93	<=10	PASS
	Ant1	5240	5.72	3.77	9.49	<=10	PASS
	Ant2	5240	4.76	4.56	9.32	<=10	PASS
	Ant1	5745	4.26	3.77	8.03	<=30	PASS
	Ant2	5745	2.81	4.56	7.37	<=30	PASS
	Ant1	5785	4.60	3.77	8.37	<=30	PASS
	Ant2	5785	2.84	4.56	7.40	<=30	PASS
	Ant1	5825	4.67	3.77	8.44	<=30	PASS
	Ant2	5825	2.93	4.56	7.49	<=30	PASS
11N20SISO	Ant1	5180	4.12	3.77	7.89	<=10	PASS
	Ant2	5180	2.93	4.56	7.49	<=10	PASS
	Ant1	5200	5.21	3.77	8.98	<=10	PASS
	Ant2	5200	3.3	4.56	7.86	<=10	PASS
	Ant1	5240	5.44	3.77	9.21	<=10	PASS
	Ant2	5240	2.98	4.56	7.54	<=10	PASS
	Ant1	5745	3.99	3.77	7.76	<=30	PASS
	Ant2	5745	0.79	4.56	5.35	<=30	PASS
	Ant1	5785	3.99	3.77	7.76	<=30	PASS
	Ant2	5785	0.38	4.56	4.94	<=30	PASS
	Ant1	5825	4.46	3.77	8.23	<=30	PASS
	Ant2	5825	0.25	4.56	4.81	<=30	PASS
11N40SISO	Ant1	5190	1.21	3.77	4.98	<=10	PASS
	Ant2	5190	-0.44	4.56	4.12	<=10	PASS
	Ant1	5230	2.52	3.77	6.29	<=10	PASS
	Ant2	5230	-0.36	4.56	4.20	<=10	PASS
	Ant1	5755	1.38	3.77	5.15	<=30	PASS
	Ant2	5755	-1.70	4.56	2.86	<=30	PASS
	Ant1	5795	1.12	3.77	4.89	<=30	PASS
	Ant2	5795	-3.24	4.56	1.32	<=30	PASS
11AC20SISO	Ant1	5180	1.30	3.77	5.07	<=10	PASS
	Ant2	5180	1.41	4.56	5.97	<=10	PASS
	Ant1	5200	1.82	3.77	5.59	<=10	PASS
	Ant2	5200	1.65	4.56	6.21	<=10	PASS
	Ant1	5240	2.67	3.77	6.44	<=10	PASS
	Ant2	5240	1.52	4.56	6.08	<=10	PASS
	Ant1	5745	1.20	3.77	4.97	<=30	PASS
	Ant2	5745	-0.95	4.56	3.61	<=30	PASS

	Ant1	5785	1.18	3.77	4.95	<=30	PASS
	Ant2	5785	-0.88	4.56	3.68	<=30	PASS
	Ant1	5825	1.45	3.77	5.22	<=30	PASS
	Ant2	5825	-0.84	4.56	3.72	<=30	PASS
11AC40SISO	Ant1	5190	-1.95	3.77	1.82	<=10	PASS
	Ant2	5190	-1.52	4.56	3.04	<=10	PASS
	Ant1	5230	-0.7	3.77	3.07	<=10	PASS
	Ant2	5230	-1.81	4.56	2.75	<=10	PASS
	Ant1	5755	-1.53	3.77	2.24	<=30	PASS
	Ant2	5755	-3.66	4.56	0.90	<=30	PASS
	Ant1	5795	-2.00	3.77	1.77	<=30	PASS
	Ant2	5795	-4.91	4.56	-0.35	<=30	PASS
11AC80SISO	Ant1	5210	-5.84	3.77	-2.07	<=10	PASS
	Ant2	5210	-3.73	4.56	0.83	<=10	PASS
	Ant1	5775	-5.60	3.77	-1.83	<=30	PASS
	Ant2	5775	-6.71	4.56	-2.15	<=30	PASS
11N20MIMO	Ant1	5180	-0.82	3.77	2.95	<=10	PASS
	Ant2	5180	-3.13	4.56	1.43	<=10	PASS
	total	5180	1.19	7.57	8.76	<=10	PASS
	Ant1	5200	-0.78	3.77	2.99	<=10	PASS
	Ant2	5200	-2.82	4.56	1.74	<=10	PASS
	total	5200	1.33	7.57	8.90	<=10	PASS
	Ant1	5240	-0.18	3.77	3.59	<=10	PASS
	Ant2	5240	-2.27	4.56	2.29	<=10	PASS
	total	5240	1.91	7.57	9.48	<=10	PASS
	Ant1	5745	-1.82	3.77	1.95	<=30	PASS
	Ant2	5745	-4.30	4.56	0.26	<=30	PASS
	total	5745	0.12	7.57	7.69	<=28.44	PASS
	Ant1	5785	-1.80	3.77	1.97	<=30	PASS
	Ant2	5785	-3.46	4.56	1.10	<=30	PASS
	total	5785	0.46	7.57	8.03	<=28.44	PASS
	Ant1	5825	4.46	3.77	8.23	<=30	PASS
Ant2	5825	2.85	4.56	7.41	<=30	PASS	
total	5825	6.74	7.57	14.31	<=28.44	PASS	
11N40MIMO	Ant1	5190	-3.28	3.77	0.49	<=10	PASS
	Ant2	5190	-5.19	4.56	-0.63	<=10	PASS
	total	5190	-1.12	7.57	6.45	<=10	PASS
	Ant1	5230	-2.81	3.77	0.96	<=10	PASS
	Ant2	5230	-5.24	4.56	-0.68	<=10	PASS
	total	5230	-0.85	7.57	6.72	<=10	PASS
	Ant1	5755	1.67	3.77	5.44	<=30	PASS
	Ant2	5755	0.34	4.56	4.90	<=30	PASS
total	5755	4.07	7.57	11.64	<=28.44	PASS	

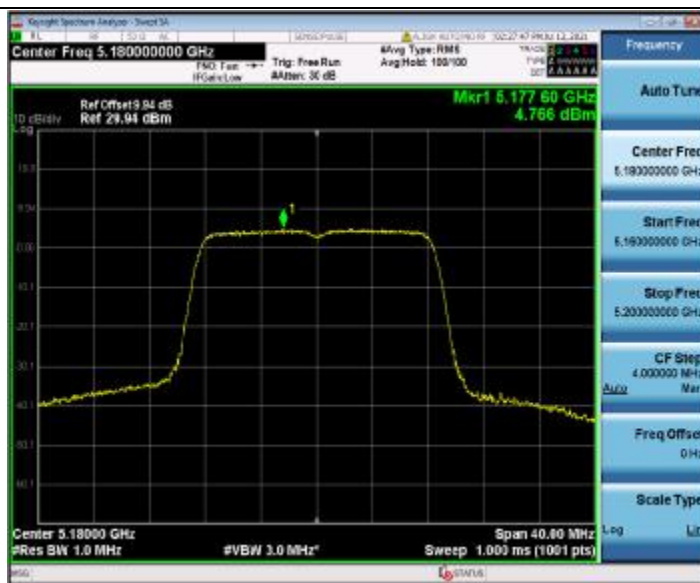
	Ant1	5795	1.42	3.77	5.19	<=30	PASS
	Ant2	5795	-0.68	4.56	3.88	<=30	PASS
	total	5795	3.51	7.57	11.08	<=28.44	PASS
11AC20MIMO	Ant1	5180	-1.09	3.77	2.68	<=10	PASS
	Ant2	5180	-2.88	4.56	1.68	<=10	PASS
	total	5180	1.12	7.57	8.69	<=10	PASS
	Ant1	5200	-0.56	3.77	3.21	<=10	PASS
	Ant2	5200	-2.89	4.56	1.67	<=10	PASS
	total	5200	1.44	7.57	9.01	<=10	PASS
	Ant1	5240	-0.08	3.77	3.69	<=10	PASS
	Ant2	5240	-2.07	4.56	2.49	<=10	PASS
	total	5240	2.05	7.57	9.62	<=10	PASS
	Ant1	5745	1.19	3.77	4.96	<=30	PASS
	Ant2	5745	-1.25	4.56	3.31	<=30	PASS
	total	5745	3.15	7.57	10.72	<=28.44	PASS
	Ant1	5785	1.60	3.77	5.37	<=30	PASS
	Ant2	5785	-1.61	4.56	2.95	<=30	PASS
	total	5785	3.30	7.57	10.87	<=28.44	PASS
	Ant1	5825	1.52	3.77	5.29	<=30	PASS
	Ant2	5825	-1.34	4.56	3.22	<=30	PASS
	total	5825	3.33	7.57	10.90	<=28.44	PASS
11AC40MIMO	Ant1	5190	-3.75	3.77	0.02	<=10	PASS
	Ant2	5190	-6.27	4.56	-1.71	<=10	PASS
	total	5190	-1.82	7.57	5.75	<=10	PASS
	Ant1	5230	-3.71	3.77	0.06	<=10	PASS
	Ant2	5230	-5.95	4.56	-1.39	<=10	PASS
	total	5230	-1.68	7.57	5.89	<=10	PASS
	Ant1	5755	-1.64	3.77	2.13	<=30	PASS
	Ant2	5755	-4.06	4.56	0.50	<=30	PASS
	total	5755	0.33	7.57	7.90	<=28.44	PASS
	Ant1	5795	-1.80	3.77	1.97	<=30	PASS
	Ant2	5795	-4.57	4.56	-0.01	<=30	PASS
	total	5795	0.04	7.57	7.61	<=28.44	PASS
11AC80MIMO	Ant1	5210	-6.65	3.77	-2.88	<=10	PASS
	Ant2	5210	-8.90	4.56	-4.34	<=10	PASS
	total	5210	-4.62	7.57	2.95	<=10	PASS
	Ant1	5775	-4.35	3.77	-0.58	<=30	PASS
	Ant2	5775	-7.23	4.56	-2.67	<=30	PASS
	total	5775	-2.55	7.57	5.02	<=28.44	PASS

Note:

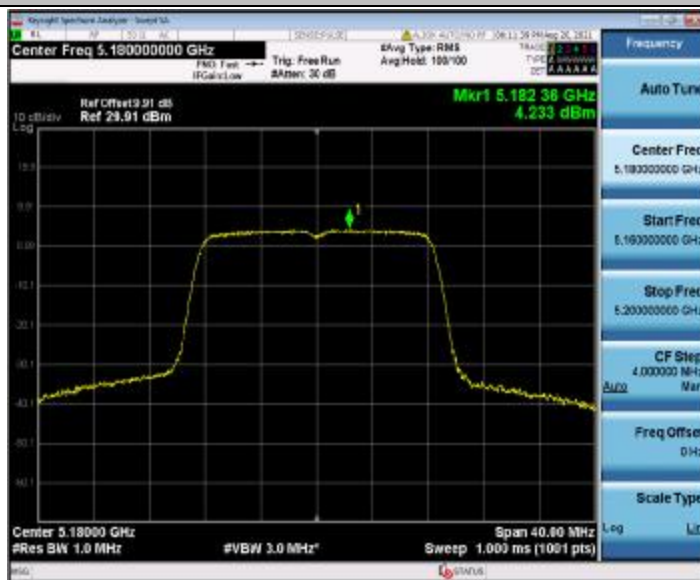
1. The Result and Limit Unit is dBm/500 kHz in the band 5.725- 5.85 GHz.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.

3. For MIMO mode the directional gain of the antenna is 7.56dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test Graphs



11A_Ant1_5180



11A_Ant2_5180



11A_Ant1_5200



11A_Ant2_5200



11A_Ant1_5240



11A_Ant2_5240



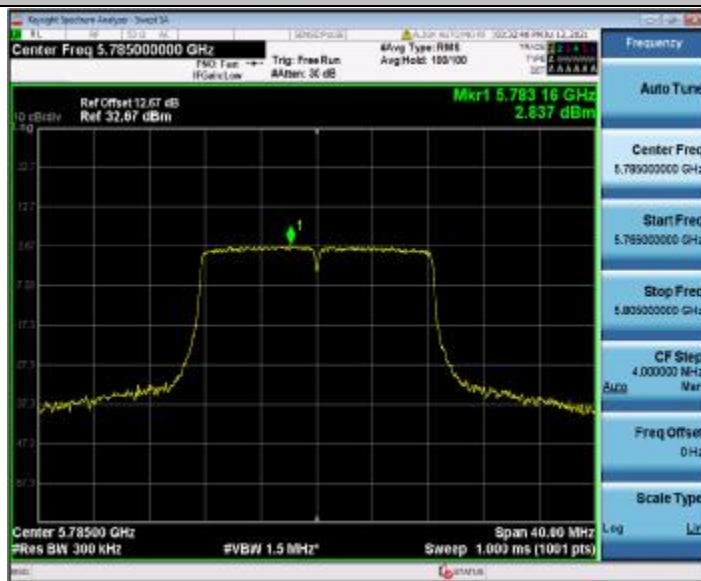
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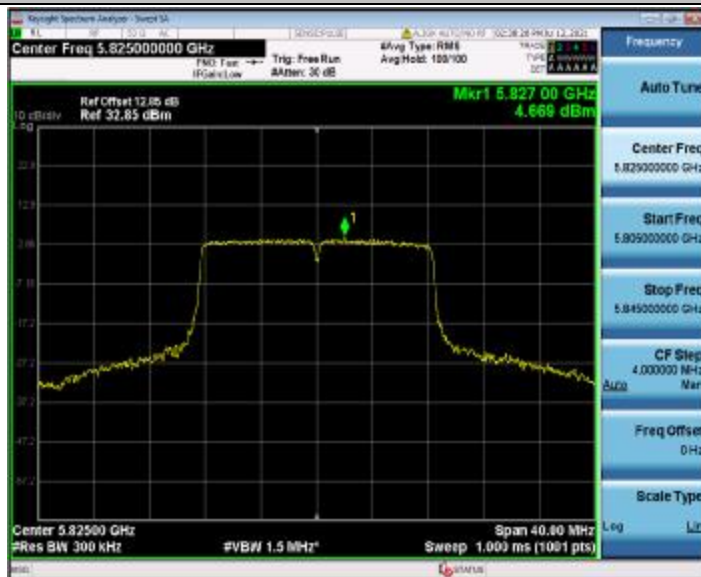
11A_Ant2_5745



11A_Ant1_5785



11A_Ant2_5785



11A_Ant1_5825



11A_Ant2_5825



11N20SISO_Ant1_5180



11N20SISO_Ant2_5180



11N20SISO_Ant1_5200



11N20SISO_Ant2_5200



11N20SISO_Ant1_5240



11N20SISO_Ant2_5240



11N20SISO_Ant1_5745



11N20SISO_Ant2_5745



11N20SISO_Ant1_5785



11N20SISO_Ant2_5785



11N20SISO_Ant1_5825



11N20SISO_Ant2_5825



11N40SISO_Ant1_5190



11N40SISO_Ant2_5190



11N40SISO_Ant1_5230



11N40SISO_Ant2_5230



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11N40SISO_Ant1_5755



11N40SISO_Ant2_5755



11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant2_5200



11AC20SISO_Ant1_5240



11AC20SISO_Ant2_5240



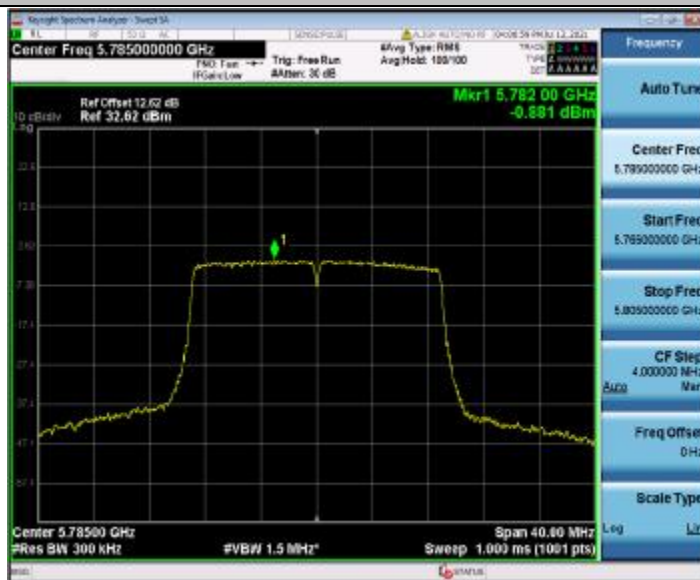
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11AC20SISO_Ant2_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant2_5785



11AC20SISO_Ant1_5825



11AC20SISO_Ant2_5825



11AC40SISO_Ant1_5190



11AC40SISO_Ant2_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant2_5230



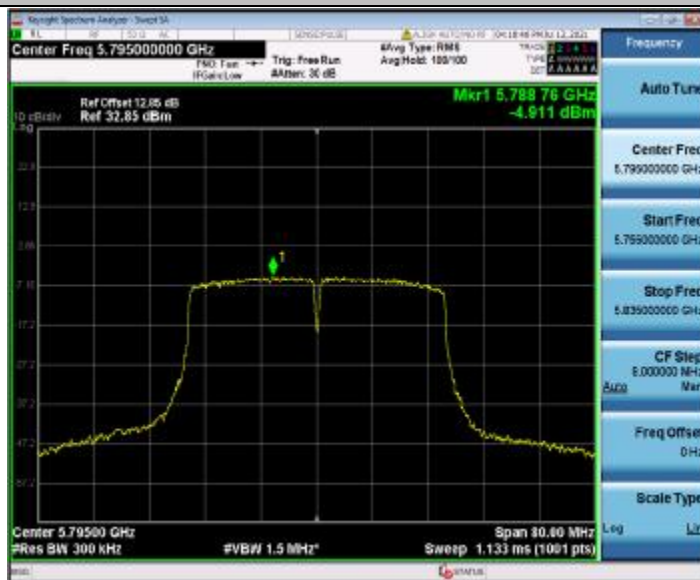
11AC40SISO_Ant1_5755



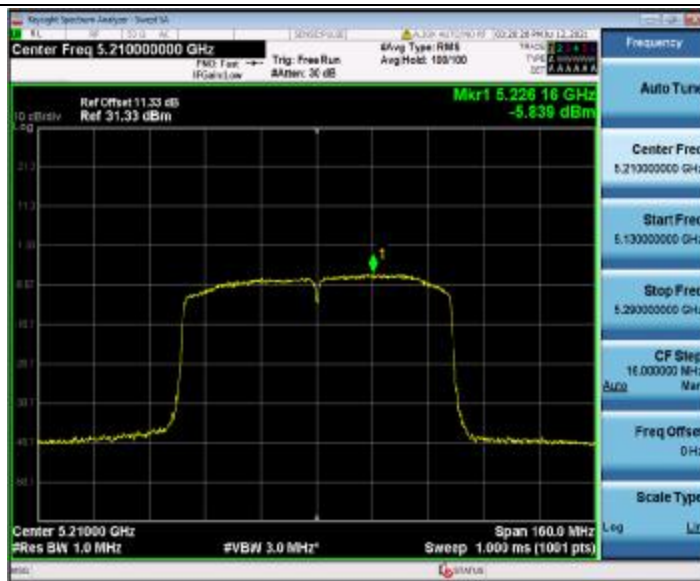
11AC40SISO_Ant2_5755



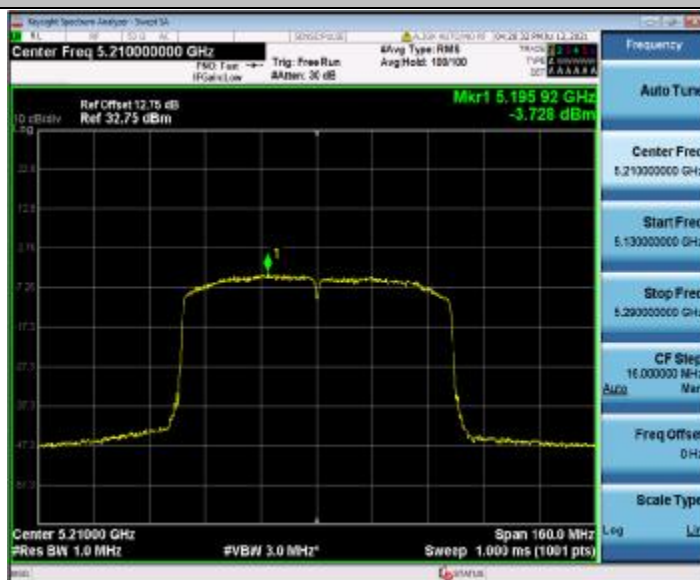
11AC40SISO_Ant1_5795



11AC40SISO_Ant2_5795



11AC80SISO_Ant1_5210



11AC80SISO_Ant2_5210



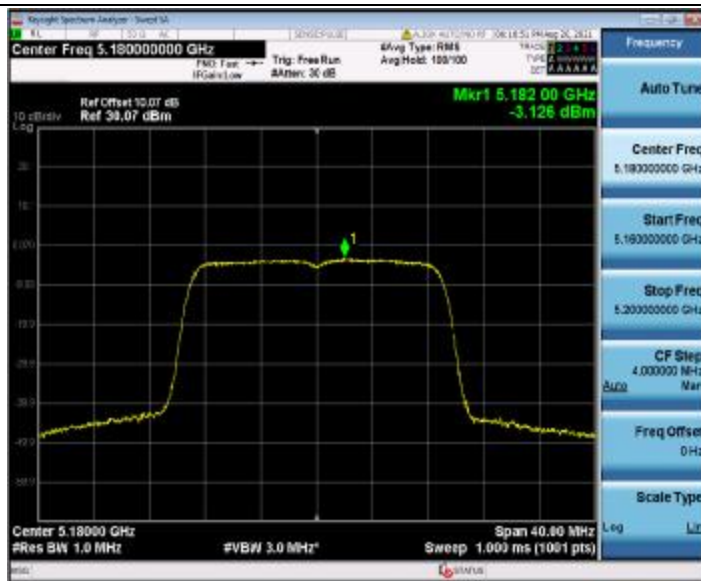
11AC80SISO_Ant1_5775



11AC80SISO_Ant2_5775



11N20MIMO_Ant1_5180



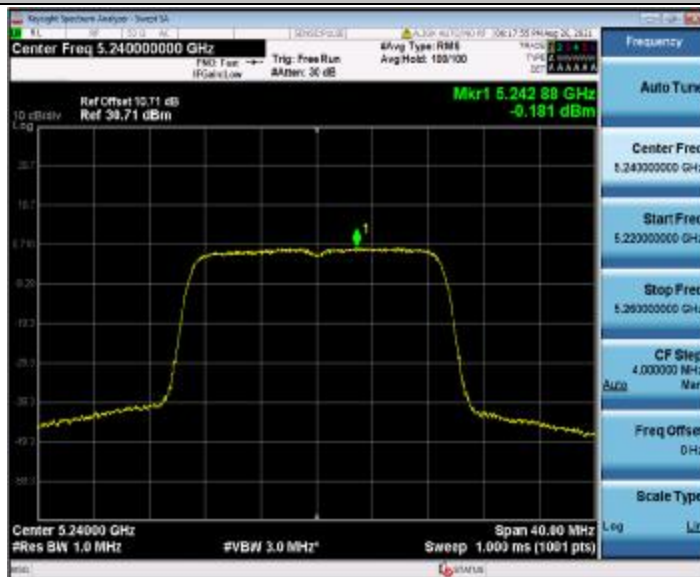
11N20MIMO_Ant2_5180



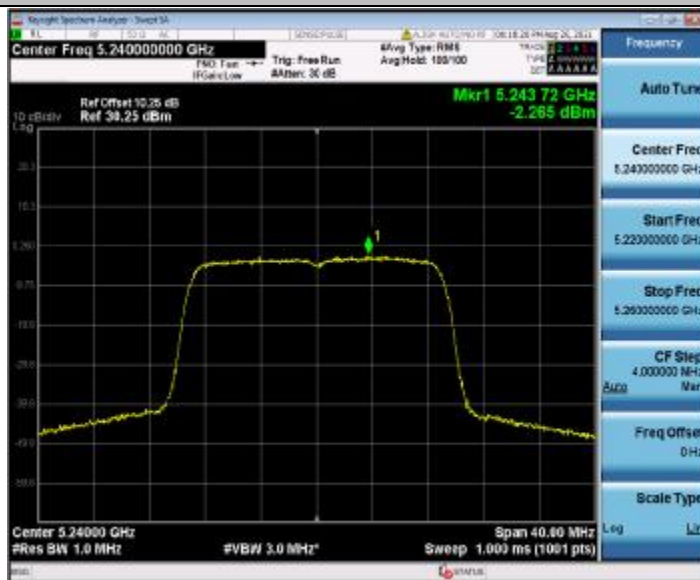
11N20MIMO_Ant1_5200



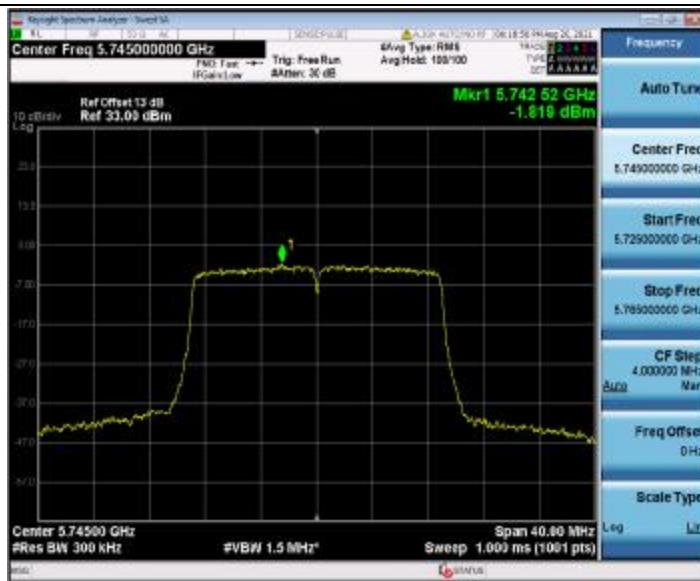
11N20MIMO_Ant2_5200



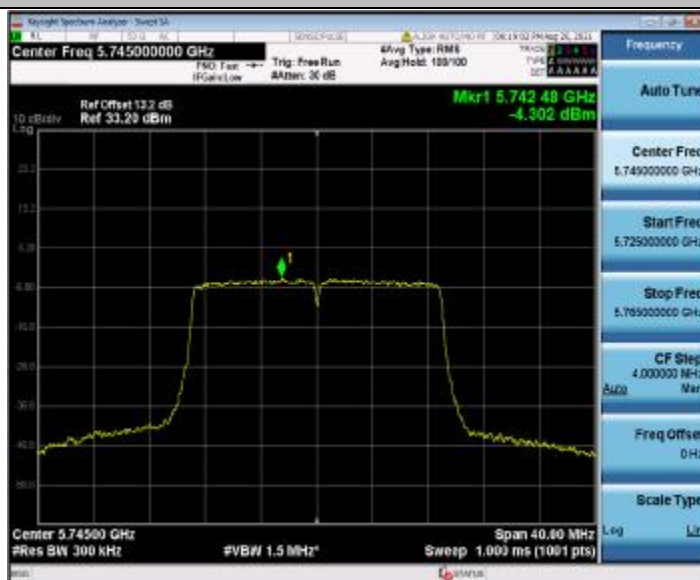
11N20MIMO_Ant1_5240



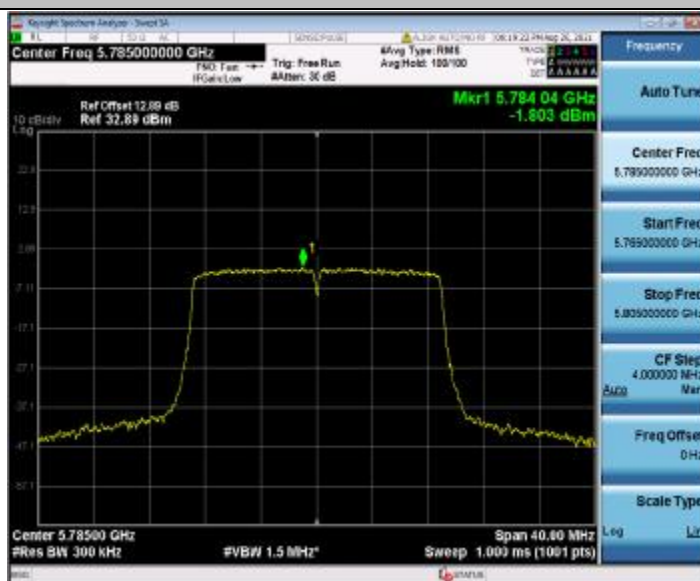
11N20MIMO_Ant2_5240



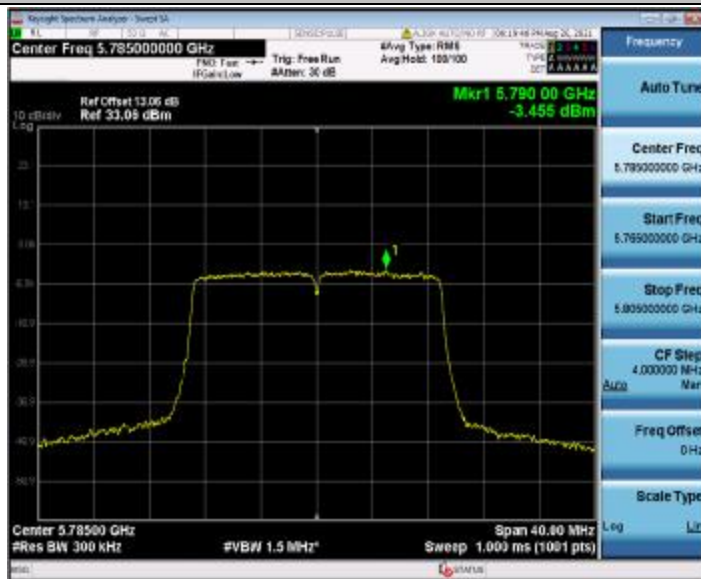
11N20MIMO_Ant1_5745



11N20MIMO_Ant2_5745



11N20MIMO_Ant1_5785



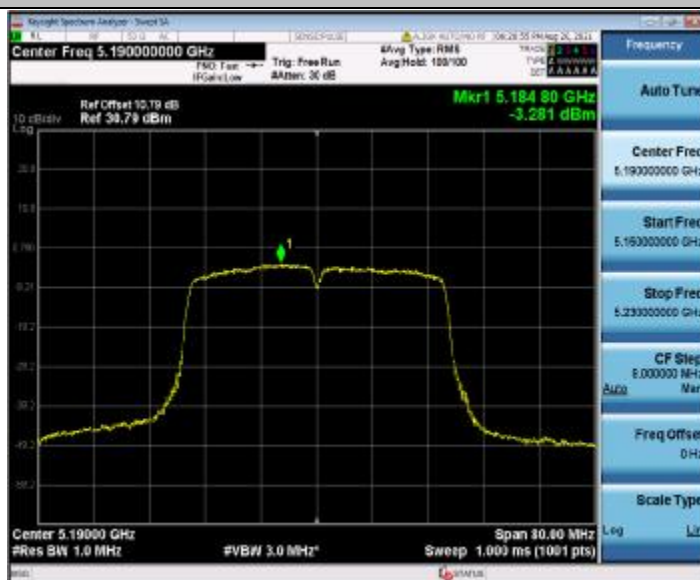
11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5755



11N40MIMO_Ant2_5755



11N40MIMO_Ant1_5795



11N40MIMO_Ant2_5795



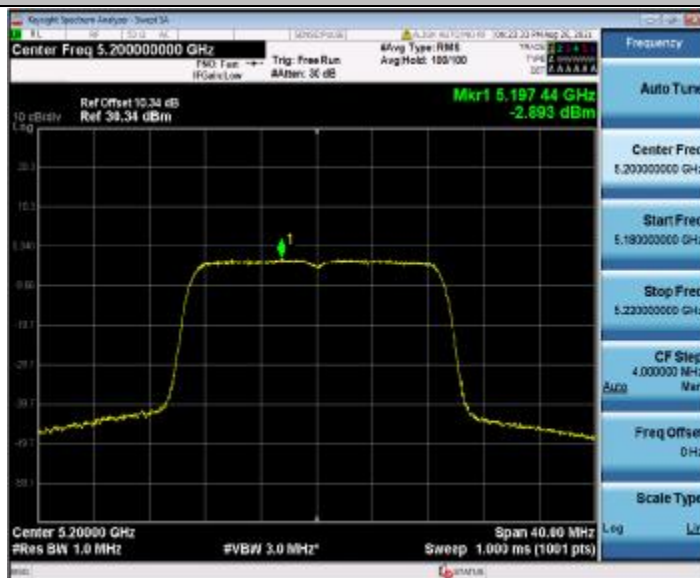
11AC20MIMO_Ant1_5180



11AC20MIMO_Ant2_5180



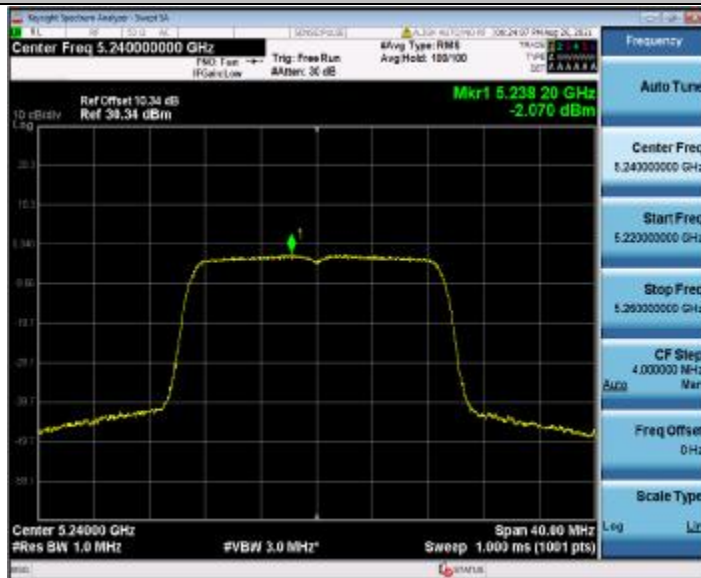
11AC20MIMO_Ant1_5200



11AC20MIMO_Ant2_5200



11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825



11AC20MIMO_Ant2_5825



11AC40MIMO_Ant1_5190



11AC40MIMO_Ant2_5190



11AC40MIMO_Ant1_5230



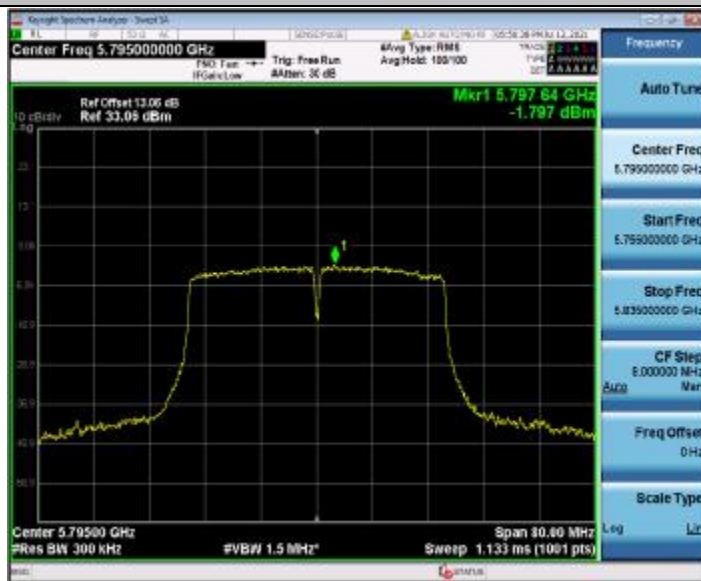
11AC40MIMO_Ant2_5230



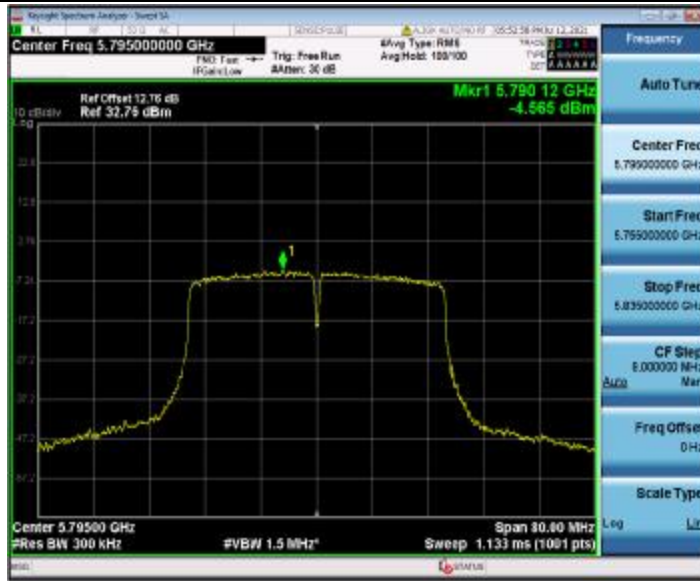
11AC40MIMO_Ant1_5755



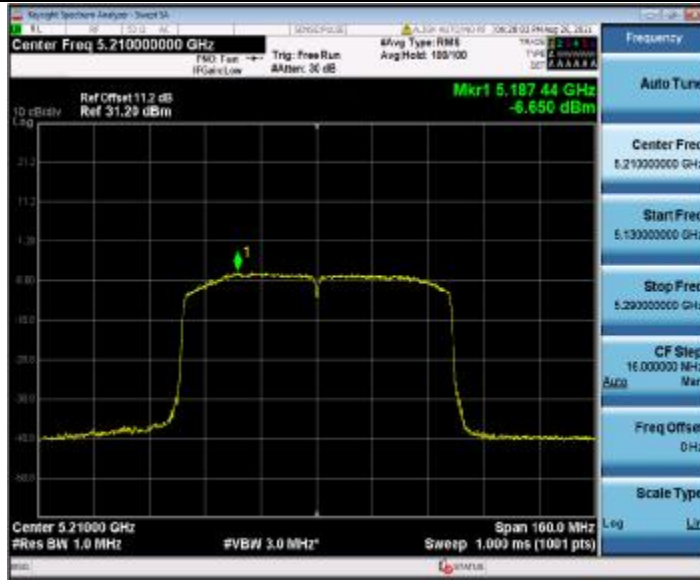
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

Appendix D: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-47.31	<=-27	PASS
	Ant2	Low	5180	-44.99	<=-27	PASS
	Ant1	High	5240	-48.80	<=-27	PASS
	Ant2	High	5240	-49.04	<=-27	PASS
11N20SISO	Ant1	Low	5180	-47.48	<=-27	PASS
	Ant2	Low	5180	-48.36	<=-27	PASS
	Ant1	High	5240	-49.24	<=-27	PASS
	Ant2	High	5240	-49.62	<=-27	PASS
11N40SISO	Ant1	Low	5190	-39.65	<=-27	PASS
	Ant2	Low	5190	-44.89	<=-27	PASS
	Ant1	High	5230	-47.45	<=-27	PASS
	Ant2	High	5230	-48.64	<=-27	PASS
11AC20SISO	Ant1	Low	5180	-47.58	<=-27	PASS
	Ant2	Low	5180	-48.85	<=-27	PASS
	Ant1	High	5240	-49.60	<=-27	PASS
	Ant2	High	5240	-48.78	<=-27	PASS
11AC40SISO	Ant1	Low	5190	-46.38	<=-27	PASS
	Ant2	Low	5190	-46.5	<=-27	PASS
	Ant1	High	5230	-48.65	<=-27	PASS
	Ant2	High	5230	-48.81	<=-27	PASS
11AC80SISO	Ant1	Low	5210	-46.97	<=-27	PASS
	Ant2	Low	5210	-44.45	<=-27	PASS
	Ant1	High	5210	-48.71	<=-27	PASS
	Ant2	High	5210	-48.58	<=-27	PASS
11N20MIMO	Ant1	Low	5180	-47.09	<=-27	PASS
	Ant2	Low	5180	-45.88	<=-27	PASS
	Ant1	High	5240	-48.95	<=-27	PASS
	Ant2	High	5240	-49.17	<=-27	PASS
11N40MIMO	Ant1	Low	5190	-40.06	<=-27	PASS
	Ant2	Low	5190	-40.00	<=-27	PASS
	Ant1	High	5230	-48.42	<=-27	PASS
	Ant2	High	5230	-48.66	<=-27	PASS
11AC20MIMO	Ant1	Low	5180	-48.63	<=-27	PASS
	Ant2	Low	5180	-48.44	<=-27	PASS
	Ant1	High	5240	-48.58	<=-27	PASS
	Ant2	High	5240	-49.06	<=-27	PASS
11AC40MIMO	Ant1	Low	5190	-45.34	<=-27	PASS
	Ant2	Low	5190	-47.13	<=-27	PASS

	Ant1	High	5230	-47.75	<=-27	PASS
	Ant2	High	5230	-48.79	<=-27	PASS
11AC80MIMO	Ant1	Low	5210	-45.05	<=-27	PASS
	Ant2	Low	5210	-44.45	<=-27	PASS
	Ant1	High	5210	-48.60	<=-27	PASS
	Ant2	High	5210	-49.33	<=-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-46.99	<=7.85	PASS
				5700~5720	-34.06	<=15.30	PASS
				5720~5725	-26.27	<=26.83	PASS
				5760~5650	-48.95	<=-27	PASS
	Ant2	Low	5745	5650~5700	-48.07	<=-11.21	PASS
				5700~5720	-37.08	<=15.59	PASS
				5720~5725	-33.64	<=26.83	PASS
				5760~5650	-49.48	<=-27	PASS
	Ant1	High	5825	5850~5855	-33.28	<=15.79	PASS
				5855~5875	-37.77	<=10.06	PASS
				5875~5925	-44.18	<=-7.58	PASS
				5925~5935	-48.69	<=-27	PASS
	Ant2	High	5825	5850~5855	-39.95	<=17.02	PASS
				5855~5875	-44.47	<=10.17	PASS
				5875~5925	-48.55	<=-9.27	PASS
				5925~5935	-48.97	<=-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-47.21	<=8.87	PASS
				5700~5720	-32.07	<=15.53	PASS
				5720~5725	-27.42	<=26.04	PASS
				5760~5650	-50.18	<=-27	PASS
	Ant2	Low	5745	5650~5700	-48.87	<=-6.70	PASS
				5700~5720	-40.92	<=15.59	PASS
				5720~5725	-38.09	<=26.30	PASS
				5760~5650	-49.85	<=-27	PASS
	Ant1	High	5825	5850~5855	-33.58	<=17.95	PASS
				5855~5875	-36.57	<=10.06	PASS
				5875~5925	-43.71	<=-3.88	PASS
				5925~5935	-48.52	<=-27	PASS
	Ant2	High	5825	5850~5855	-41.18	<=17.64	PASS
				5855~5875	-47.24	<=10.29	PASS
				5875~5925	-48.68	<=2.02	PASS
				5925~5935	-48.09	<=-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.19	<=8.16	PASS

				5700~5720	-24.28	<=14.97	PASS
				5720~5725	-24.21	<=18.51	PASS
				5780~5650	-49.77	<=-27	PASS
	Ant2	Low	5755	5650~5700	-45.4	<=8.36	PASS
				5700~5720	-37.04	<=15.24	PASS
				5720~5725	-35.02	<=24.05	PASS
				5780~5650	-49.93	<=-27	PASS
	Ant1	High	5795	5850~5855	-38.91	<=23.56	PASS
				5855~5875	-40.75	<=12.12	PASS
				5875~5925	-45.19	<=-25.21	PASS
				5925~5935	-48.25	<=-27	PASS
	Ant2	High	5795	5850~5855	-48.03	<=17.54	PASS
				5855~5875	-48.2	<=10.32	PASS
5875~5925				-48.55	<=-15.93	PASS	
5925~5935				-49.88	<=-27	PASS	
11AC20SIS O	Ant1	Low	5745	5650~5700	-47.37	<=-11.47	PASS
				5700~5720	-40.43	<=15.34	PASS
				5720~5725	-32.58	<=25.52	PASS
				5760~5650	-49.91	<=-27	PASS
	Ant2	Low	5745	5650~5700	-48.73	<=-5.17	PASS
				5700~5720	-43.9	<=15.34	PASS
				5720~5725	-39.5	<=17.65	PASS
				5760~5650	-50.13	<=-27	PASS
	Ant1	High	5825	5850~5855	-40.62	<=17.02	PASS
				5855~5875	-45.55	<=10.10	PASS
				5875~5925	-46.92	<=-3.88	PASS
				5925~5935	-48.93	<=-27	PASS
	Ant2	High	5825	5850~5855	-45.2	<=15.79	PASS
				5855~5875	-48.14	<=10.25	PASS
				5875~5925	-47.98	<=-10.17	PASS
				5925~5935	-49.3	<=-27	PASS
11AC40SIS O	Ant1	Low	5755	5650~5700	-46.4	<=7.76	PASS
				5700~5720	-34.31	<=15.50	PASS
				5720~5725	-33.71	<=26.82	PASS
				5780~5650	-50.00	<=-27	PASS
	Ant2	Low	5755	5650~5700	-48.24	<=2.47	PASS
				5700~5720	-39.43	<=14.90	PASS
				5720~5725	-36.25	<=21.28	PASS
				5780~5650	-49.72	<=-27	PASS
	Ant1	High	5795	5850~5855	-44.59	<=18.67	PASS
				5855~5875	-46.61	<=14.75	PASS
				5875~5925	-47.50	<=-15.69	PASS
				5925~5935	-49.08	<=-27	PASS