11AX40MIMO_Ant1_5795

11AX40MIMO_Ant2_5795

11AX80MIMO_Ant1_5210

11AX80MIMO_Ant2_5210

11AX80MIMO_Ant1_5775

11AX80MIMO_Ant2_5775

Appendix C: Maximum power spectral density

Test Result

U-NII 1

Test Condition	TestMode	Channel	Result [dBm/MHz]		Limit [dBm/ MHz]	Verdict
			Ant1	Ant2		
SISO Mode	11A	5180	2.04	1.85	<=17	PASS
		5200	2.00	2.01	<=17	PASS
		5240	4.43	3.65	<=17	PASS
	11N20SISO	5180	1.71	1.66	<=17	PASS
		5200	1.68	1.66	<=17	PASS
		5240	3.86	3.72	<=17	PASS
	11N40SISO	5190	-0.15	-0.65	<=17	PASS
		5230	1.74	1.15	<=17	PASS
	11AC20SISO	5180	1.88	1.95	<=17	PASS
		5200	1.65	1.92	<=17	PASS
		5240	4.22	3.84	<=17	PASS
	11AC40SISO	5190	0.06	-0.42	<=17	PASS
		5230	2.18	1.24	<=17	PASS
	11AC80SISO	5210	-3.05	-3.71	<=17	PASS
	11AX20SISO	5180	1.54	1.04	<=17	PASS
		5200	1.77	1.47	<=17	PASS
		5240	3.70	3.42	<=17	PASS
	11AX40SISO	5190	-0.56	-0.95	<=17	PASS
		5230	1.96	1.09	<=17	PASS
	11AX80SISO	5210	-3.53	-3.01	<=17	PASS

Test Condition	TestMode	Channel	Result [dBm/MHz]			Limit [dBm/ MHz]	Verdict
			Ant1	Ant2	Total		
MIMO mode	11n20	5180	-0.85	-1.04	2.07	<=14.99	PASS
		5200	-0.86	-1.07	2.05	<=14.99	PASS
		5240	1.17	0.74	3.97	<=14.99	PASS
	11n40	5190	-3.19	-3.30	-0.23	<=14.99	PASS
		5230	-0.92	-2.10	1.54	<=14.99	PASS
	11AC20	5180	-0.78	-1.17	2.04	<=14.99	PASS
		5200	-1.06	-1.04	1.96	<=14.99	PASS
		5240	1.42	0.84	4.15	<=14.99	PASS
	11AC40	5190	-2.73	-3.08	0.11	<=14.99	PASS
		5230	-1.34	-2.07	1.32	<=14.99	PASS
	11AC80	5210	-5.39	-6.35	-2.83	<=14.99	PASS
	11AX20	5180	-1.21	-1.43	1.69	<=14.99	PASS
		5200	-1.11	-1.54	1.69	<=14.99	PASS

		5240	-2.34	-1.43	1.15	<=14.99	PASS
	11AX40	5190	-3.56	-3.88	-0.71	<=14.99	PASS
		5230	-1.55	-2.24	1.13	<=14.99	PASS
	11AX80	5210	-5.69	-6.30	-2.97	<=14.99	PASS

Note: For MIMO mode the directional gain of the antenna is 8.01dbi. the limit reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

U-NII 3

Test Condition	TestMode	Channel	Result [dBm/500KHz]		Limit [dBm/500KHz]	Verdict
			Ant1	Ant2		
SISO Mode	11A	5745	-1.17	-1.00	<=30	PASS
		5785	-1.45	-0.64	<=30	PASS
		5825	-0.36	0.12	<=30	PASS
	11N20SISO	5745	-1.42	-1.10	<=30	PASS
		5785	-1.80	-1.12	<=30	PASS
		5825	-0.30	-0.12	<=30	PASS
	11N40SISO	5755	-3.98	-3.61	<=30	PASS
		5795	-4.25	-3.80	<=30	PASS
	11AC20SISO	5745	-0.95	-1.45	<=30	PASS
		5785	-1.09	-0.53	<=30	PASS
		5825	-0.30	0.34	<=30	PASS
	11AC40SISO	5755	-3.76	-3.38	<=30	PASS
		5795	-3.35	-3.54	<=30	PASS
	11AC80SISO	5775	-5.31	-4.32	<=30	PASS
	11AX20SISO	5745	-1.85	-0.58	<=30	PASS
		5785	-1.71	-0.71	<=30	PASS
		5825	-0.67	-0.31	<=30	PASS
	11AX40SISO	5755	-4.36	-3.25	<=30	PASS
		5795	-4.98	-3.75	<=30	PASS
	11AX80SISO	5775	-6.31	-5.42	<=30	PASS

Test Condition	TestMode	Channel	Result [dBm/500KHz]			Limit [dBm/500KHz]	Verdict
			Ant1	Ant2	Total		
MIMO mode	11n20	5745	-3.67	-3.54	-0.59	<=27.99	PASS
		5785	-3.79	-3.39	-0.58	<=27.99	PASS
		5825	-2.77	-2.76	0.25	<=27.99	PASS
	11n40	5755	-6.04	-6.86	-3.42	<=27.99	PASS
		5795	-6.49	-5.93	-3.19	<=27.99	PASS
	11AC20	5745	-3.69	-3.99	-0.83	<=27.99	PASS
		5785	-3.72	-3.55	-0.62	<=27.99	PASS
		5825	-2.58	-2.15	0.65	<=27.99	PASS
	11AC40	5755	-6.56	-6.49	-3.51	<=27.99	PASS
		5795	-6.38	-6.18	-3.27	<=27.99	PASS

	11AC80	5775	-8.30	-8.63	-5.45	<=27.99	PASS
	11AX20	5745	-4.87	-4.05	-1.43	<=27.99	PASS
		5785	-4.90	-3.87	-1.34	<=27.99	PASS
		5825	-3.75	-3.06	-0.38	<=27.99	PASS
	11AX40	5755	-7.25	-7.12	-4.17	<=27.99	PASS
		5795	-7.25	-6.49	-3.84	<=27.99	PASS
	11AX80	5775	-9.80	-8.56	-6.13	<=27.99	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.Note: For MIMO mode the directional gain of the antenna is 8.01dbi. 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

11A_Ant1_5745

11A_Ant2_5745

11A_Ant1_5785

11A_Ant2_5785

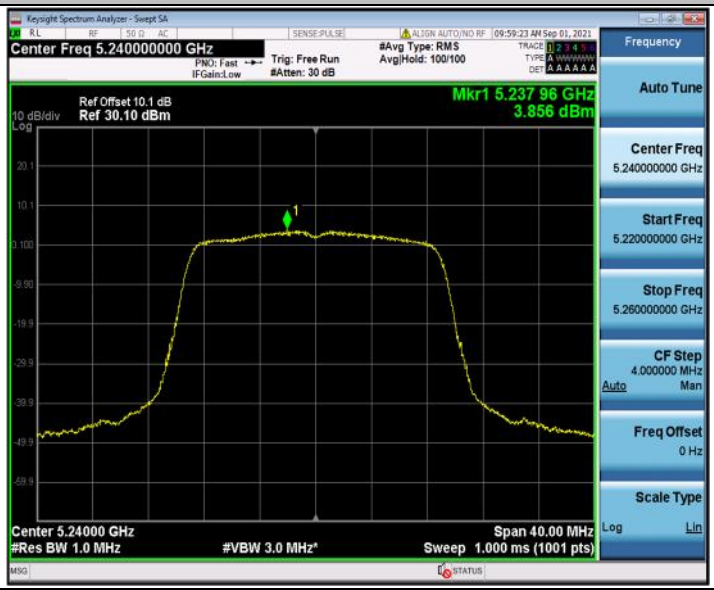
11A_Ant1_5825

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

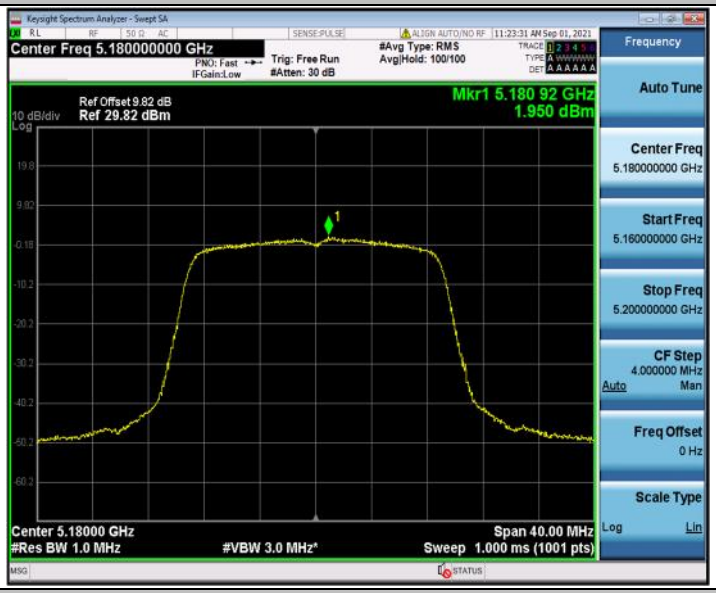
11N40SISO_Ant1_5755

11N40SISO_Ant2_5755

11N40SISO_Ant1_5795

11N40SISO_Ant2_5795

11AC20SISO_Ant1_5180



11AC20SISO_Ant2_5180

11AC20SISO_Ant1_5200

11AC20SISO_Ant2_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant2_5240

11AC20SISO_Ant1_5745

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

11AX20SISO_Ant1_5180

11AX20SISO_Ant2_5180

11AX20SISO_Ant1_5200

11AX20SISO_Ant2_5200

11AX20SISO_Ant1_5240

11AX20SISO_Ant2_5240

11AX20SISO_Ant1_5745

11AX20SISO_Ant2_5745

11AX20SISO_Ant1_5785

11AX20SISO_Ant2_5785

11AX20SISO_Ant1_5825

11AX20SISO_Ant2_5825

11AX40SISO_Ant1_5190

11AX40SISO_Ant2_5190

11AX40SISO_Ant1_5230

11AX40SISO_Ant2_5230

11AX40SISO_Ant1_5755

11AX40SISO_Ant2_5755

11AX40SISO_Ant1_5795

11AX40SISO_Ant2_5795

11AX80SISO_Ant1_5210

11AX80SISO_Ant2_5210

11AX80SISO_Ant1_5775

11AX80SISO_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