

Reference No.: W7L-P24040002RF02



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11AX40MIMO_Ant2_5270



11AX40MIMO_Ant1_5310

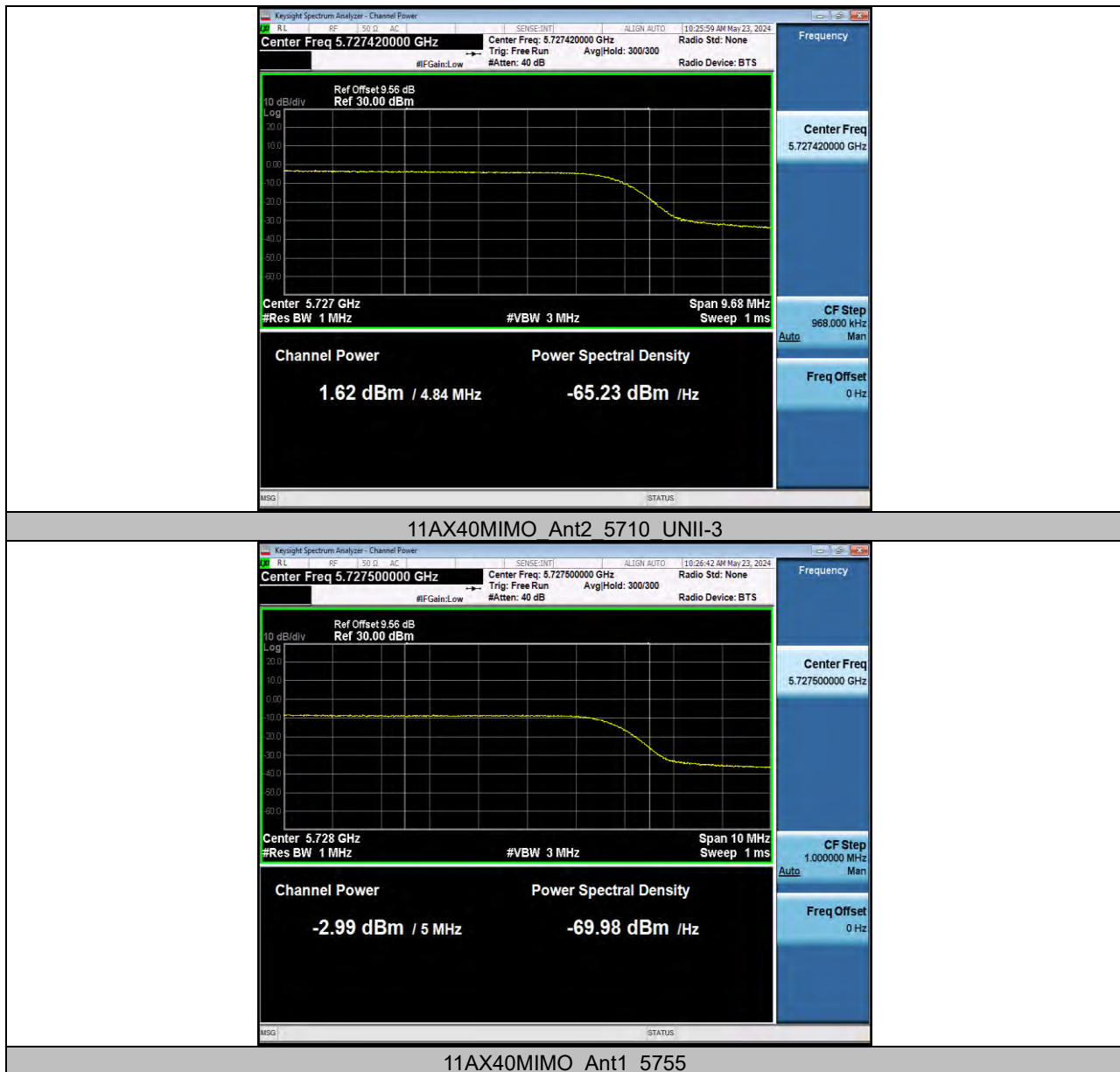




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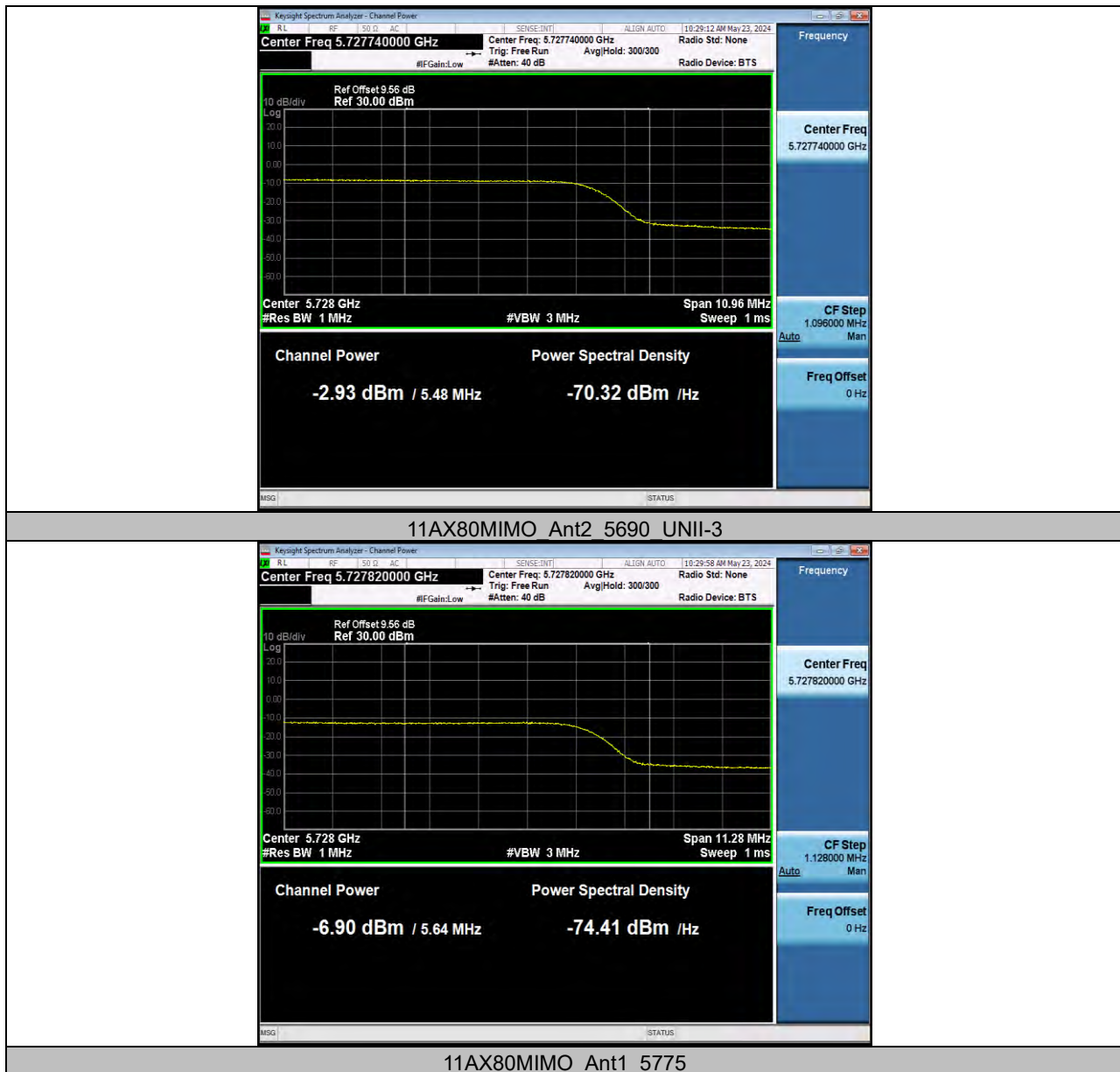




















MAXIMUM POWER SPECTRAL DENSITY TEST RESULT

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Result [dBm/300kHz]	Result [dBm/470kHz]	Result [dBm/500kHz]	Limit [dBm/MHz]	Verdict
11A-CDD	Ant1	5180	1.69	---	---	---	11	PASS
	Ant2	5180	-0.74	---	---	---	11	PASS
	total	5180	3.65	---	---	---	11	PASS
	Ant1	5200	2.18	---	---	---	11	PASS
	Ant2	5200	-1.12	---	---	---	11	PASS
	total	5200	3.85	---	---	---	11	PASS
	Ant1	5240	2.46	---	---	---	11	PASS
	Ant2	5240	-2.41	---	---	---	11	PASS
	total	5240	3.68	---	---	---	11	PASS
	Ant1	5260	4.21	---	---	---	11	PASS
	Ant2	5260	-1.14	---	---	---	11	PASS
	total	5260	5.32	---	---	---	11	PASS
	Ant1	5300	4.54	---	---	---	11	PASS
	Ant2	5300	-1.67	---	---	---	11	PASS
	total	5300	5.47	---	---	---	11	PASS
	Ant1	5320	3.46	---	---	---	11	PASS
	Ant2	5320	-2.41	---	---	---	11	PASS
	total	5320	4.46	---	---	---	11	PASS
	Ant1	5500	2.21	---	---	---	11	PASS
	Ant2	5500	3.01	---	---	---	11	PASS
	total	5500	5.64	---	---	---	9.65	PASS
	Ant1	5580	3.29	---	---	---	11	PASS
	Ant2	5580	3.45	---	---	---	11	PASS
	total	5580	6.38	---	---	---	9.65	PASS
	Ant1	5720_UNII-2 C	4.01	---	---	---	11	PASS
	Ant2	5720_UNII-2 C	-0.84	---	---	---	11	PASS
	total	5720_UNII-2 C	5.24	---	---	---	9.65	PASS
	Ant1	5720_UNII-3	---	-1.4	---	0.55	30	PASS
	Ant2	5720_UNII-3	---	-6.51	---	-4.56	30	PASS
	total	5720_UNII-3	---	---	---	1.72	30	PASS



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	Ant1	5745	---	---	1.05	1.32	30	PASS
	Ant2	5745	---	---	-4.57	-4.3	30	PASS
	total	5745	---	---	---	2.37	30	PASS
	Ant1	5785	---	---	1.34	1.61	30	PASS
	Ant2	5785	---	---	-5.26	-4.99	30	PASS
	total	5785	---	---	---	2.47	30	PASS
	Ant1	5825	---	---	1.92	2.19	30	PASS
	Ant2	5825	---	---	-5.76	-5.49	30	PASS
	total	5825	---	---	---	2.87	30	PASS
11N20MIMO	Ant1	5180	2.18	---	---	---	11	PASS
	Ant2	5180	-0.16	---	---	---	11	PASS
	total	5180	4.18	---	---	---	11	PASS
	Ant1	5200	2.57	---	---	---	11	PASS
	Ant2	5200	-0.64	---	---	---	11	PASS
	total	5200	4.27	---	---	---	11	PASS
	Ant1	5240	4.31	---	---	---	11	PASS
	Ant2	5240	-0.75	---	---	---	11	PASS
	total	5240	5.49	---	---	---	11	PASS
	Ant1	5260	3.73	---	---	---	11	PASS
	Ant2	5260	-1.66	---	---	---	11	PASS
	total	5260	4.83	---	---	---	11	PASS
	Ant1	5300	4.06	---	---	---	11	PASS
	Ant2	5300	-2.14	---	---	---	11	PASS
	total	5300	4.99	---	---	---	11	PASS
	Ant1	5320	2.79	---	---	---	11	PASS
	Ant2	5320	-2.78	---	---	---	11	PASS
	total	5320	3.85	---	---	---	11	PASS
	Ant1	5500	1.48	---	---	---	11	PASS
	Ant2	5500	2.77	---	---	---	11	PASS
	total	5500	5.18	---	---	---	11	PASS
	Ant1	5580	2.92	---	---	---	11	PASS
	Ant2	5580	3.27	---	---	---	11	PASS
	total	5580	6.11	---	---	---	11	PASS
	Ant1	5720_UNII-2 C	3.73	---	---	---	11	PASS
	Ant2	5720_UNII-2 C	-1.25	---	---	---	11	PASS
	total	5720_UNII-2 C	4.93	---	---	---	11	PASS
	Ant1	5720_UNII-3	---	-1.62	---	0.33	30	PASS
	Ant2	5720_UNII-3	---	-7.24	---	-5.29	30	PASS
	total	5720_UNII-3	---	---	---	1.38	30	PASS
	Ant1	5745	---	---	0.58	0.85	30	PASS



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	Ant2	5745	---	---	-5.17	-4.9	30	PASS
	total	5745	---	---	---	1.87	30	PASS
	Ant1	5785	---	---	0.07	0.34	30	PASS
	Ant2	5785	---	---	-6.7	-6.43	30	PASS
	total	5785	---	---	---	1.17	30	PASS
	Ant1	5825	---	---	-0.42	-0.15	30	PASS
	Ant2	5825	---	---	-8.17	-7.9	30	PASS
	total	5825	---	---	---	0.52	30	PASS
11N40MIMO	Ant1	5190	0.11	---	---	---	11	PASS
	Ant2	5190	-2.44	---	---	---	11	PASS
	total	5190	2.03	---	---	---	11	PASS
	Ant1	5230	0.67	---	---	---	11	PASS
	Ant2	5230	-4.1	---	---	---	11	PASS
	total	5230	1.92	---	---	---	11	PASS
	Ant1	5270	1.81	---	---	---	11	PASS
	Ant2	5270	-3.45	---	---	---	11	PASS
	total	5270	2.94	---	---	---	11	PASS
	Ant1	5310	0.73	---	---	---	11	PASS
	Ant2	5310	-4.79	---	---	---	11	PASS
	total	5310	1.8	---	---	---	11	PASS
	Ant1	5510	-0.75	---	---	---	11	PASS
	Ant2	5510	0.58	---	---	---	11	PASS
	total	5510	2.98	---	---	---	11	PASS
	Ant1	5590	0.2	---	---	---	11	PASS
	Ant2	5590	0.42	---	---	---	11	PASS
	total	5590	3.32	---	---	---	11	PASS
	Ant1	5710_UNII-2 C	1.67	---	---	---	11	PASS
	Ant2	5710_UNII-2 C	-2.95	---	---	---	11	PASS
	total	5710_UNII-2 C	2.96	---	---	---	11	PASS
	Ant1	5710_UNII-3	---	-5.68	---	-3.73	30	PASS
	Ant2	5710_UNII-3	---	-10.86	---	-8.91	30	PASS
	total	5710_UNII-3	---	---	---	-2.58	30	PASS
	Ant1	5755	---	---	-3.2	-2.93	30	PASS
	Ant2	5755	---	---	-9.26	-8.99	30	PASS
	total	5755	---	---	---	-1.97	30	PASS
	Ant1	5795	---	---	-3.47	-3.2	30	PASS
	Ant2	5795	---	---	-10.71	-10.44	30	PASS
	total	5795	---	---	---	-2.45	30	PASS
11AC20MIMO	Ant1	5180	2.23	---	---	---	11	PASS
	Ant2	5180	-0.24	---	---	---	11	PASS



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	total	5180	4.18	---	---	---	11	PASS
	Ant1	5200	2.46	---	---	---	11	PASS
	Ant2	5200	-0.56	---	---	---	11	PASS
	total	5200	4.22	---	---	---	11	PASS
	Ant1	5240	3.98	---	---	---	11	PASS
	Ant2	5240	-0.9	---	---	---	11	PASS
	total	5240	5.2	---	---	---	11	PASS
	Ant1	5260	3.49	---	---	---	11	PASS
	Ant2	5260	-1.53	---	---	---	11	PASS
	total	5260	4.68	---	---	---	11	PASS
	Ant1	5300	4.04	---	---	---	11	PASS
	Ant2	5300	-2	---	---	---	11	PASS
	total	5300	5.01	---	---	---	11	PASS
	Ant1	5320	2.77	---	---	---	11	PASS
	Ant2	5320	-2.96	---	---	---	11	PASS
	total	5320	3.8	---	---	---	11	PASS
	Ant1	5500	1.7	---	---	---	11	PASS
	Ant2	5500	2.88	---	---	---	11	PASS
	total	5500	5.34	---	---	---	11	PASS
	Ant1	5580	2.62	---	---	---	11	PASS
	Ant2	5580	3	---	---	---	11	PASS
	total	5580	5.82	---	---	---	11	PASS
	Ant1	5720_UNII-2 C	3.51	---	---	---	11	PASS
	Ant2	5720_UNII-2 C	-1.18	---	---	---	11	PASS
	total	5720_UNII-2 C	4.78	---	---	---	11	PASS
	Ant1	5720_UNII-3	---	-2.19	---	-0.24	30	PASS
	Ant2	5720_UNII-3	---	-7.51	---	-5.56	30	PASS
	total	5720_UNII-3	---	---	---	0.88	30	PASS
	Ant1	5745	---	---	0.18	0.45	30	PASS
	Ant2	5745	---	---	-5.44	-5.17	30	PASS
	total	5745	---	---	---	1.5	30	PASS
	Ant1	5785	---	---	-0.5	-0.23	30	PASS
	Ant2	5785	---	---	-6.65	-6.38	30	PASS
	total	5785	---	---	---	0.71	30	PASS
	Ant1	5825	---	---	-0.54	-0.27	30	PASS
	Ant2	5825	---	---	-8.26	-7.99	30	PASS
	total	5825	---	---	---	0.41	30	PASS
11AC40MIMO	Ant1	5190	0.16	---	---	---	11	PASS
	Ant2	5190	-2.53	---	---	---	11	PASS
	total	5190	2.03	---	---	---	11	PASS



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	Ant1	5230	0.34	---	---	---	11	PASS
	Ant2	5230	-4.55	---	---	---	11	PASS
	total	5230	1.56	---	---	---	11	PASS
	Ant1	5270	2.06	---	---	---	11	PASS
	Ant2	5270	-3.69	---	---	---	11	PASS
	total	5270	3.08	---	---	---	11	PASS
	Ant1	5310	0.79	---	---	---	11	PASS
	Ant2	5310	-4.61	---	---	---	11	PASS
	total	5310	1.89	---	---	---	11	PASS
	Ant1	5510	-0.84	---	---	---	11	PASS
	Ant2	5510	0.37	---	---	---	11	PASS
	total	5510	2.82	---	---	---	11	PASS
	Ant1	5590	0.46	---	---	---	11	PASS
	Ant2	5590	0.38	---	---	---	11	PASS
	total	5590	3.43	---	---	---	11	PASS
	Ant1	5710_UNII-2 C	1.64	---	---	---	11	PASS
	Ant2	5710_UNII-2 C	-2.97	---	---	---	11	PASS
	total	5710_UNII-2 C	2.93	---	---	---	11	PASS
	Ant1	5710_UNII-3	---	-5.92	---	-3.97	30	PASS
	Ant2	5710_UNII-3	---	-11.01	---	-9.06	30	PASS
	total	5710_UNII-3	---	---	---	-2.8	30	PASS
	Ant1	5755	---	---	-3.64	-3.37	30	PASS
	Ant2	5755	---	---	-9.52	-9.25	30	PASS
	total	5755	---	---	---	-2.37	30	PASS
	Ant1	5795	---	---	-4.42	-4.15	30	PASS
	Ant2	5795	---	---	-11.13	-10.86	30	PASS
	total	5795	---	---	---	-3.31	30	PASS
11AC80MIMO	Ant1	5210	-2.44	---	---	---	11	PASS
	Ant2	5210	-6.5	---	---	---	11	PASS
	total	5210	-1	---	---	---	11	PASS
	Ant1	5290	-1.51	---	---	---	11	PASS
	Ant2	5290	-7.55	---	---	---	11	PASS
	total	5290	-0.54	---	---	---	11	PASS
	Ant1	5530	-4.6	---	---	---	11	PASS
	Ant2	5530	-2.71	---	---	---	11	PASS
	total	5530	-0.54	---	---	---	11	PASS
	Ant1	5690_UNII-2 C	-1.16	---	---	---	11	PASS
	Ant2	5690_UNII-2 C	-5.59	---	---	---	11	PASS



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	total	5690_UNII-2 C	0.18	---	---	---	11	PASS
	Ant1	5690_UNII-3	---	-10.55	---	-8.6	30	PASS
	Ant2	5690_UNII-3	---	-15.94	---	-13.99	30	PASS
	total	5690_UNII-3	---	---	---	-7.5	30	PASS
	Ant1	5775	---	---	-5.99	-5.72	30	PASS
	Ant2	5775	---	---	-12.93	-12.66	30	PASS
	total	5775	---	---	---	-4.92	30	PASS
11AC160MIM O	Ant1	5250_UNII-1	-3.93	---	---	---	11	PASS
	Ant2	5250_UNII-1	-9.55	---	---	---	11	PASS
	total	5250_UNII-1	-2.88	---	---	---	11	PASS
	Ant1	5250_UNII-2 A	-4.28	---	---	---	11	PASS
	Ant2	5250_UNII-2 A	-10.21	---	---	---	11	PASS
	total	5250_UNII-2 A	-3.29	---	---	---	11	PASS
	Ant1	5570	-6.46	---	---	---	11	PASS
	Ant2	5570	-5.87	---	---	---	11	PASS
	total	5570	-3.14	---	---	---	11	PASS
11AX20MIMO	Ant1	5180	2.39	---	---	---	11	PASS
	Ant2	5180	0	---	---	---	11	PASS
	total	5180	4.37	---	---	---	11	PASS
	Ant1	5200	2.58	---	---	---	11	PASS
	Ant2	5200	-0.5	---	---	---	11	PASS
	total	5200	4.32	---	---	---	11	PASS
	Ant1	5240	4.47	---	---	---	11	PASS
	Ant2	5240	-0.83	---	---	---	11	PASS
	total	5240	5.59	---	---	---	11	PASS
	Ant1	5260	3.87	---	---	---	11	PASS
	Ant2	5260	-6.46	---	---	---	11	PASS
	total	5260	4.25	---	---	---	11	PASS
	Ant1	5300	4.18	---	---	---	11	PASS
	Ant2	5300	-2	---	---	---	11	PASS
	total	5300	5.12	---	---	---	11	PASS
	Ant1	5320	2.98	---	---	---	11	PASS
	Ant2	5320	-2.64	---	---	---	11	PASS
	total	5320	4.03	---	---	---	11	PASS
	Ant1	5500	1.84	---	---	---	11	PASS
	Ant2	5500	2.85	---	---	---	11	PASS
	total	5500	5.38	---	---	---	11	PASS



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	Ant1	5580	3.07	---	---	---	11	PASS
	Ant2	5580	2.95	---	---	---	11	PASS
	total	5580	6.02	---	---	---	11	PASS
	Ant1	5720_UNII-2 C	4.25	---	---	---	11	PASS
	Ant2	5720_UNII-2 C	-0.99	---	---	---	11	PASS
	total	5720_UNII-2 C	5.39	---	---	---	11	PASS
	Ant1	5720_UNII-3	---	-2.06	---	-0.11	30	PASS
	Ant2	5720_UNII-3	---	-7.24	---	-5.29	30	PASS
	total	5720_UNII-3	---	---	---	1.04	30	PASS
	Ant1	5745	---	---	0.53	0.8	30	PASS
	Ant2	5745	---	---	-5.44	-5.17	30	PASS
	total	5745	---	---	---	1.78	30	PASS
	Ant1	5785	---	---	-0.49	-0.22	30	PASS
	Ant2	5785	---	---	-6.99	-6.72	30	PASS
	total	5785	---	---	---	0.66	30	PASS
	Ant1	5825	---	---	-0.84	-0.57	30	PASS
	Ant2	5825	---	---	-8.26	-7.99	30	PASS
	total	5825	---	---	---	0.15	30	PASS
11AX40MIMO	Ant1	5190	-0.09	---	---	---	11	PASS
	Ant2	5190	-3.04	---	---	---	11	PASS
	total	5190	1.69	---	---	---	11	PASS
	Ant1	5230	1.31	---	---	---	11	PASS
	Ant2	5230	-3.71	---	---	---	11	PASS
	total	5230	2.5	---	---	---	11	PASS
	Ant1	5270	1.55	---	---	---	11	PASS
	Ant2	5270	-3.89	---	---	---	11	PASS
	total	5270	2.64	---	---	---	11	PASS
	Ant1	5310	0.25	---	---	---	11	PASS
	Ant2	5310	-5.26	---	---	---	11	PASS
	total	5310	1.33	---	---	---	11	PASS
	Ant1	5510	-0.78	---	---	---	11	PASS
	Ant2	5510	-0.05	---	---	---	11	PASS
	total	5510	2.61	---	---	---	11	PASS
	Ant1	5590	0.19	---	---	---	11	PASS
	Ant2	5590	0.21	---	---	---	11	PASS
	total	5590	3.21	---	---	---	11	PASS
	Ant1	5710_UNII-2 C	1.19	---	---	---	11	PASS
	Ant2	5710_UNII-2 C	-3.09	---	---	---	11	PASS



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	total	5710_UNII-2 C	2.57	---	---	---	11	PASS
	Ant1	5710_UNII-3	---	-5.44	---	-3.49	30	PASS
	Ant2	5710_UNII-3	---	-11.3	---	-9.35	30	PASS
	total	5710_UNII-3	---	---	---	-2.49	30	PASS
	Ant1	5755	---	---	-3.73	-3.46	30	PASS
	Ant2	5755	---	---	-9.33	-9.06	30	PASS
	total	5755	---	---	---	-2.4	30	PASS
	Ant1	5795	---	---	-4.31	-4.04	30	PASS
	Ant2	5795	---	---	-11.29	-11.02	30	PASS
	total	5795	---	---	---	-3.25	30	PASS
11AX80MIMO	Ant1	5210	-2.37	---	---	---	11	PASS
	Ant2	5210	-6.6	---	---	---	11	PASS
	total	5210	-0.98	---	---	---	11	PASS
	Ant1	5290	-1.84	---	---	---	11	PASS
	Ant2	5290	-7.56	---	---	---	11	PASS
	total	5290	-0.81	---	---	---	11	PASS
	Ant1	5530	-4.69	---	---	---	11	PASS
	Ant2	5530	-2.66	---	---	---	11	PASS
	total	5530	-0.55	---	---	---	11	PASS
	Ant1	5690_UNII-2 C	-1.11	---	---	---	11	PASS
	Ant2	5690_UNII-2 C	-5.82	---	---	---	11	PASS
	total	5690_UNII-2 C	0.15	---	---	---	11	PASS
	Ant1	5690_UNII-3	-10.93	-10.93	---	-8.98	30	PASS
	Ant2	5690_UNII-3	-16.1	-16.1	---	-14.15	30	PASS
	total	5690_UNII-3	---	---	---	-7.83	30	PASS
	Ant1	5775	---	---	-5.53	-5.26	30	PASS
	Ant2	5775	---	---	-12.18	-11.91	30	PASS
	total	5775	---	---	---	-4.41	30	PASS
11AX160MIM O	Ant1	5250_UNII-1	-4.39	---	---	---	11	PASS
	Ant2	5250_UNII-1	-9.32	---	---	---	11	PASS
	total	5250_UNII-1	-3.18	---	---	---	11	PASS
	Ant1	5250_UNII-2 A	-4.26	---	---	---	11	PASS
	Ant2	5250_UNII-2 A	-9.83	---	---	---	11	PASS



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	total	5250_UNII-2 A	-3.2	---	---	---	11	PASS
	Ant1	5570	-7.91	---	---	---	11	PASS
	Ant2	5570	-6.97	---	---	---	11	PASS
	total	5570	-4.4	---	---	---	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.

TEST GRAPHS

