



11.5. APPENDIX E: MAXIMUM POWER SPECTRAL DENSITY 11.5.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Power [dBm/MHz]	Limit [dBm/MHz]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
	Ant1	5180	4.70	≤11.00	6.57	≤10.00	PASS
	Ant2	5180	5.14	≤11.00	7.62	≤10.00	PASS
	Ant1	5200	4.89	≤11.00	6.76	≤10.00	PASS
	Ant2	5200	5.11	≤11.00	7.59	≤10.00	PASS
	Ant1	5240	4.92	≤11.00	6.79	≤10.00	PASS
	Ant2	5240	4.93	≤11.00	7.41	≤10.00	PASS
	Ant1	5260	4.56	≤11.00	6.43		PASS
	Ant2	5260	4.69	≤11.00	7.17		PASS
	Ant1	5280	4.62	≤11.00	6.49		PASS
	Ant2	5280	4.90	≤11.00	7.38		PASS
	Ant1	5320	4.96	≤11.00	6.83		PASS
	Ant2	5320	5.31	≤11.00	7.79		PASS
	Ant1	5500	5.08	≤11.00	6.95		PASS
44.6	Ant2	5500	4.55	≤11.00	7.03		PASS
11A	Ant1	5580	5.06	≤11.00	6.93		PASS
	Ant2	5580	4.48	≤11.00	6.96		PASS
	Ant1	5700	4.55	≤11.00	6.42		PASS
	Ant2	5700	4.94	≤11.00	7.42		PASS
	Ant1	5720_UNII-2C	5.18	≤11.00	7.05		PASS
	Ant2	5720_UNII-2C	4.57	≤11.00	7.05		PASS
	Ant1	5720_UNII-3	0.14	≤30.00	2.01		PASS
	Ant2	5720_UNII-3	0.17	≤30.00	2.65		PASS
	Ant1	5745	2.46	≤30.00	4.33		PASS
	Ant2	5745	1.85	≤30.00	4.33		PASS
	Ant1	5785	1.66	≤30.00	3.53		PASS
	Ant2	5785	1.82	≤30.00	4.30		PASS
	Ant1	5825	2.52	≤30.00	4.39		PASS
	Ant2	5825	1.71	≤30.00	4.19		PASS
	Ant1	5180	0.64	≤11.00	3.12	≤10.00	PASS
	Ant2	5180	0.70	≤11.00	3.18	≤10.00	PASS
	total	5180	3.68	≤11.00	9.17	≤10.00	PASS
	Ant1	5200	0.70	≤11.00	3.18	≤10.00	PASS
	Ant2	5200	0.81	≤11.00	3.29	≤10.00	PASS
	total	5200	3.77	≤11.00	9.26	≤10.00	PASS
	Ant1	5240	0.39	≤11.00	2.87	≤10.00	PASS
	Ant2	5240	0.62	≤11.00	3.10	≤10.00	PASS
	total	5240	3.52	≤11.00 ≤11.00	9.01	≤10.00 ≤10.00	PASS
		5260	3.60	≤11.00	6.08		PASS
	Ant1 Ant2	5260	4.03	≤11.00 ≤11.00	6.51		PASS
	total	5260	6.83	≤11.00	12.32		PASS PASS
11N20MIMO	Ant1	5280	3.47	≤11.00	5.95		
TTNZUMINO	Ant2	5280	4.16	≤11.00	6.64		PASS
	total	5280	6.84	≤11.00	12.33		PASS
	Ant1	5320	4.07	≤11.00	6.55		PASS
	Ant2	5320	4.71	≤11.00	7.19		PASS
	total	5320	7.41	≤11.00	12.90		PASS
	Ant1	5500	4.02	≤11.00	6.50		PASS
	Ant2	5500	3.56	≤11.00	6.04		PASS
	total	5500	6.81	≤11.00	12.30		PASS
	Ant1	5580	4.10	≤11.00	6.58		PASS
	Ant2	5580	4.17	≤11.00	6.65		PASS
	total	5580	7.15	≤11.00	12.64		PASS
	Ant1	5700	3.91	≤11.00	6.39		PASS
	Ant2	5700	3.61	≤11.00	6.09		PASS
	total	5700	6.77	≤11.00	12.26		PASS

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	A pet 1	5700 LINII 20	4.20	≤11.00	6.97		DACC
	Ant1	5720_UNII-2C 5720_UNII-2C	4.39 3.70	≤11.00 ≤11.00	6.87		PASS PASS
	Ant2 total	5720_UNII-2C	7.07	≤11.00 ≤11.00	6.18 12.56		PASS
	Ant1	5720_UNII-3	-0.22	≤30.00	2.26		PASS
	Ant2	5720_UNII-3	-0.22	≤30.00	1.68		PASS
	total	5720_UNII-3	2.51	<u>≤</u> 30.00	8.00		PASS
	Ant1	5745	1.25	≤30.00	3.73		PASS
	Ant2	5745	1.30	≤30.00	3.78		PASS
	total	5745	4.29	≤30.00	9.78		PASS
	Ant1	5785	1.24	≤30.00	3.72		PASS
	Ant2	5785	0.88	≤30.00	3.36		PASS
	total	5785	4.07	≤30.00	9.56		PASS
	Ant1	5825	0.92	≤30.00	3.40		PASS
	Ant2	5825	0.92	≤30.00	3.40		PASS
	total	5825	3.93	≤30.00	9.42		PASS
	Ant1	5190	0.01	≤11.00	2.49	≤10.00	PASS
	Ant2	5190	0.42	≤11.00	2.90	≤10.00	PASS
	total	5190	3.23	≤11.00	8.72	≤10.00	PASS
	Ant1	5230	0.13	≤11.00	2.61	≤10.00	PASS
	Ant2	5230	0.41	≤11.00	2.89	≤10.00	PASS
	total	5230	3.28	≤11.00	8.77	≤10.00	PASS
	Ant1	5270	0.90	≤11.00	3.38		PASS
	Ant2	5270	0.85	≤11.00	3.33		PASS
	total	5270	3.89	≤11.00	9.38		PASS
	Ant1	5310	1.20	≤11.00	3.68		PASS
	Ant2	5310	1.66	≤11.00	4.14		PASS
	total	5310	4.45	≤11.00	9.94		PASS
	Ant1	5510	1.20	≤11.00	3.68		PASS
	Ant2	5510	0.74	≤11.00	3.22		PASS
	total	5510	3.99	≤11.00	9.48		PASS
	Ant1	5550	1.67	≤11.00	4.15		PASS
11N40MIMO	Ant2	5550	1.39	≤11.00	3.87		PASS
	total	5550	4.54	≤11.00	10.03		PASS
	Ant1	5670	1.31	≤11.00	3.79		PASS
	Ant2	5670	1.03	≤11.00	3.51		PASS
	total	5670	4.18	≤11.00	9.67		PASS
	Ant1	5710_UNII-2C	0.99	≤11.00	3.47		PASS
	Ant2	5710_UNII-2C	0.93	≤11.00	3.41		PASS
	total	5710_UNII-2C	3.97	≤11.00	9.46		PASS
	Ant1	5710_UNII-3	-4.95	≤30.00	-2.47		PASS
	Ant2	5710_UNII-3	-5.47	≤30.00	-2.99		PASS
	total	5710_UNII-3	-2.19	≤30.00	3.30		PASS
	Ant1	5755	-1.58	≤30.00	0.90		PASS
	Ant2	5755	-1.73	≤30.00	0.75		PASS
	total	5755	1.36	≤30.00	6.85		PASS
	Ant1	5795	-1.59	≤30.00	0.89		PASS
	Ant2	5795	-1.68	≤30.00	0.80		PASS
	total	5795	1.38	≤30.00	6.87		PASS
	Ant1	5210	-2.69	≤11.00	-0.21	≤10.00	PASS
	Ant2	5210	-2.67	≤11.00	-0.19	≤10.00	PASS
	total	5210	0.33	≤11.00	5.82	≤10.00	PASS
	Ant1	5290	-2.69	≤11.00	-0.21		PASS
	Ant2	5290	-2.42	≤11.00	0.06		PASS
11AC80MIMO	total	5290	0.46	≤11.00	5.95		PASS
	Ant1	5530	-3.85	≤11.00	-1.37		PASS
	Ant2	5530	-4.05	≤11.00	-1.57		PASS
	total	5530	-0.94	≤11.00	4.55		PASS
	Ant1	5610	-4.41	≤11.00	-1.93		PASS
	Ant2	5610	-4.68	≤11.00	-2.20		PASS
	total	5610	-1.53	≤11.00	3.96		PASS

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	Ant1	5690 UNII-2C	-4.08	≤11.00	-1.60		PASS
	Ant2	5690 UNII-2C	-4.59	≤11.00 ≤11.00	-2.11		PASS
	total	5690 UNII-2C	-1.32	≤11.00	4.17		PASS
	Ant1	5690_UNII-3	-10.47	≤30.00	-7.99		PASS
	Ant2	5690_UNII-3	-11.12	≤30.00	-8.64		PASS
	total	5690_UNII-3	-7.77	≤30.00	-2.28		PASS
	Ant1	5775	-5.73	≤30.00	-3.25		PASS
	Ant2	5775	-6.00	≤30.00	-3.52		PASS
	total	5775	-2.85	≤30.00	2.64		PASS
	Ant1	5180	0.17	≤11.00	2.65	≤10.00	PASS
	Ant2	5180	0.79	≤11.00	3.27	≤10.00	PASS
	total	5180	3.50	≤11.00	8.99	≤10.00	PASS
	Ant1	5200	0.31	≤11.00	2.79	≤10.00	PASS
	Ant2	5200	0.58	≤11.00	3.06	≤10.00	PASS
	total	5200	3.46	≤11.00	8.95	≤10.00	PASS
	Ant1	5240	0.25	≤11.00	2.73	≤10.00	PASS
	Ant2	5240	0.54	≤11.00	3.02	≤10.00	PASS
	total	5240	3.41	≤11.00	8.90	≤10.00	PASS
	Ant1	5260	1.59	≤11.00	4.07		PASS
	Ant2	5260	1.82	≤11.00	4.30		PASS
	total	5260	4.72	≤11.00	10.21		PASS
	Ant1	5280	1.85	≤11.00	4.33		PASS
	Ant2	5280	1.99	≤11.00	4.47		PASS
	total	5280	4.93	≤11.00	10.42		PASS
	Ant1	5320	1.88	≤11.00	4.36		PASS
	Ant2	5320	2.20	≤11.00	4.68		PASS
	total	5320	5.05	≤11.00	10.54		PASS
	Ant1	5500	-0.11	≤11.00	2.37		PASS
	Ant2	5500	-0.14	≤11.00	2.34		PASS
11AX20MIMO	total	5500	2.89	≤11.00	8.38		PASS
11/0/20111110	Ant1	5580	0.25	≤11.00	2.73		PASS
	Ant2	5580	-0.15	≤11.00	2.33		PASS
	total	5580	3.06	≤11.00	8.55		PASS
	Ant1	5700	0.13	≤11.00	2.61		PASS
	Ant2	5700	-0.54	≤11.00	1.94		PASS
	total	5700	2.82	≤11.00	8.31		PASS
	Ant1	5720_UNII-2C	0.62	≤11.00	3.10		PASS
	Ant2	5720_UNII-2C	-0.49	≤11.00	1.99		PASS
	total	5720_UNII-2C	3.11	≤11.00	8.60		PASS
	Ant1	5720_UNII-3	-3.82	≤30.00	-1.34		PASS
	Ant2	5720_UNII-3	-4.63	≤30.00	-2.15		PASS
	total	5720_UNII-3	-1.20	≤30.00	4.29		PASS
	Ant1	5745	-0.69	≤30.00	1.79		PASS
	Ant2	5745	-1.08	≤30.00	1.40		PASS
	total	5745	2.13	≤30.00	7.62		PASS
	Ant1	5785	-1.12	≤30.00	1.36		PASS
	Ant2	5785	-1.29	≤30.00	1.19		PASS
	total	5785	1.81	≤30.00	7.30		PASS
	Ant1	5825	-1.05	≤30.00	1.43		PASS
	Ant2	5825	-1.12	≤30.00	1.36		PASS
	total	5825	1.93	≤30.00	7.42		PASS
11AX40MIMO	Ant1	5190	-1.03	≤11.00	1.45	≤10.00	PASS
	Ant2	5190	-0.74	≤11.00	1.74	≤10.00	PASS
	total	5190	2.13	≤11.00	7.62	≤10.00	PASS
	Ant1	5230	-1.06	≤11.00	1.42	≤10.00	PASS
	Ant2	5230	-0.89	≤11.00	1.59	≤10.00	PASS
	total	5230	2.04	≤11.00	7.53	≤10.00	PASS
	Ant1	5270	-1.23	≤11.00	1.25		PASS
	Ant2	5270	-0.76	≤11.00	1.72		PASS
	total	5270	2.02	≤11.00	7.51		PASS

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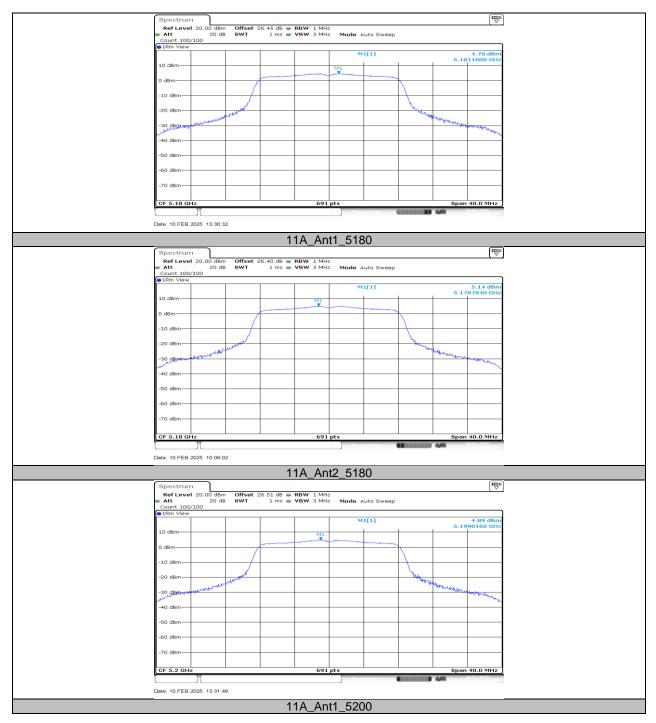
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	A pt1	5310	-1.07	≤11.00	1.41		PASS
	Ant1	5310	-				PASS
	Ant2		-0.56	≤11.00	1.92		
	total	5310	2.20	≤11.00	7.69		PASS
	Ant1	5510	-2.78	≤11.00	-0.30		PASS
	Ant2	5510	-3.15	≤11.00	-0.67		PASS
	total	5510	0.05	≤11.00	5.54		PASS
	Ant1	5550	-1.86	≤11.00	0.62		PASS
	Ant2	5550	-2.81	≤11.00	-0.33		PASS
	total	5550	0.70	≤11.00	6.19		PASS
	Ant1	5670	-2.35	≤11.00	0.13		PASS
	Ant2	5670	-3.01	≤11.00	-0.53		PASS
	total	5670	0.34	≤11.00	5.83		PASS
	Ant1	5710_UNII-2C	-2.49	≤11.00	-0.01		PASS
	Ant2	5710_UNII-2C	-3.17	≤11.00	-0.69		PASS
	total	5710_UNII-2C	0.19	≤11.00	5.68		PASS
	Ant1	5710_UNII-3	-7.83	≤30.00	-5.35		PASS
	Ant2	5710_UNII-3	-8.59	≤30.00	-6.11		PASS
	total	5710_UNII-3	-5.18	≤30.00	0.31		PASS
	Ant1	5755	-3.53	≤30.00	-1.05		PASS
	Ant2	5755	-3.94	≤30.00	-1.46		PASS
	total	5755	-0.72	≤30.00	4.77		PASS
	Ant1	5795	-3.74	≤30.00	-1.26		PASS
	Ant2	5795	-4.01	≤30.00	-1.53		PASS
	total	5795	-0.86	≤30.00	4.63		PASS
	Ant1	5210	-5.17	≤11.00	-2.69	≤10.00	PASS
	Ant2	5210	-4.99	≤11.00	-2.51	≤10.00	PASS
	total	5210	-2.07	≤11.00	3.42	≤10.00	PASS
	Ant1	5290	-5.31	≤11.00	-2.83		PASS
	Ant2	5290	-5.20	≤11.00	-2.72		PASS
	total	5290	-2.24	≤11.00	3.25		PASS
	Ant1	5530	-4.89	≤11.00	-2.41		PASS
	Ant2	5530	-5.12	≤11.00	-2.64		PASS
	total	5530	-1.99	≤11.00	3.50		PASS
	Ant1	5610	-5.21	≤11.00	-2.73		PASS
11AX80MIMO	Ant2	5610	-5.82	≤11.00	-3.34		PASS
	total	5610	-2.49	≤11.00	3.00		PASS
	Ant1	5690_UNII-2C	-5.36	≤11.00	-2.88		PASS
	Ant2	5690_UNII-2C	-5.81	≤11.00	-3.33		PASS
	total	5690_UNII-2C	-2.57	≤11.00	2.92		PASS
	Ant1	5690_UNII-3	-11.53	≤30.00	-9.05		PASS
	Ant2	5690_UNII-3	-12.21	≤30.00	-9.73		PASS
	total	5690_UNII-3	-8.85	≤30.00	-3.36		PASS
	Ant1	5775	-8.05	≤30.00	-5.57		PASS
	Ant2	5775	-8.38	≤30.00	-5.90		PASS
	total	5775	-5.20	≤30.00	0.29		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.



11.5.2. Test Graphs



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