



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	4.17	≤11.00	8.18	≤10.00	PASS
	Ant2	5180	3.59	≤11.00	6.72	≤10.00	PASS
	Ant1	5200	4.17	≤11.00	8.18	≤10.00	PASS
	Ant2	5200	3.44	≤11.00	6.57	≤10.00	PASS
	Ant1	5240	3.71	≤11.00	7.72	≤10.00	PASS
	Ant2	5240	3.28	≤11.00	6.41	≤10.00	PASS
	Ant1	5260	4.14	≤11.00	8.15		PASS
	Ant2	5260	3.62	≤11.00	6.75		PASS
	Ant1	5280	3.97	≤11.00	7.98		PASS
	Ant2	5280	3.98	≤11.00	7.11		PASS
	Ant1	5320	4.26	≤11.00	8.27		PASS
	Ant2	5320	3.73	≤11.00	6.86		PASS
	Ant1	5500	4.23	≤11.00	8.24		PASS
	Ant2	5500	4.01	≤11.00	7.14		PASS
11A	Ant1	5580	3.56	≤11.00	7.57		PASS
	Ant2	5580	3.89	≤11.00	7.02		PASS
	Ant1	5700	3.44	≤11.00	7.45		PASS
	Ant2	5700	3.18	≤11.00	6.31		PASS
	Ant1	5720_UNII-2C	4.44	≤11.00	8.45		PASS
	Ant2	5720_UNII-2C	3.97	≤11.00	7.10		PASS
	Ant1	5720_UNII-3	-0.15	≤30.00	3.86		PASS
	Ant2	5720_UNII-3	-1.30	≤30.00	1.83		PASS
	Ant1	5745	0.49	≤30.00	4.50		PASS
	Ant2	5745	0.36	≤30.00	3.49		PASS
	Ant1	5785	0.92	≤30.00	4.93		PASS
	Ant2	5785	-0.30	≤30.00	2.83		PASS
	Ant1	5825	1.04	≤30.00	5.05		PASS
	Ant2	5825	-0.41	≤30.00	2.72		PASS
	Ant2 Ant1	5180	-1.69	≤ <u>30.00</u> ≤11.00	2.32	 ≤10.00	PASS
	Ant2	5180	-2.06	≤11.00 ≤11.00	1.07	≤10.00	PASS
		5180	1.14	≤11.00 ≤9.98	8.16	≤10.00 ≤8.98	PASS
	total						
	Ant1	5200	-1.58	≤11.00	2.43	≤10.00	PASS
	Ant2	5200	-2.06	≤11.00	1.07	≤10.00	PASS
	total	5200	1.20	<u>≤9.98</u>	8.22	<u>≤8.98</u>	PASS
	Ant1	5240	-1.78	≤11.00	2.23	≤10.00	PASS
	Ant2	5240	-2.43	≤11.00	0.70	≤10.00	PASS
	total	5240	0.92	≤9.98	7.94	≤8.98	PASS
	Ant1	5260	3.76	≤11.00	7.77		PASS
	Ant2	5260	3.26	≤11.00	6.39		PASS
	total	5260	6.53	≤9.98	13.55		PASS
	Ant1	5280	4.05	≤11.00	8.06		PASS
11N20MIMO	Ant2	5280	3.17	≤11.00	6.30		PASS
	total	5280	6.64	≤9.98	13.66		PASS
	Ant1	5320	4.14	≤11.00	8.15		PASS
	Ant2	5320	3.22	≤11.00	6.35		PASS
	total	5320	6.71	≤9.98	13.73		PASS
	Ant1	5500	3.92	≤11.00	7.93		PASS
	Ant2	5500	3.29	≤11.00	6.42		PASS
	total	5500	6.63	≤9.98	13.65		PASS
	Ant1	5580	3.72	≤11.00	7.73		PASS
	Ant2	5580	3.62	≤11.00	6.75		PASS
	total	5580	6.68	≤9.98	13.70		PASS
	Ant1	5700	3.71	≤11.00	7.72		PASS
	Ant2	5700	3.06	≤11.00	6.19		PASS
	total	5700	6.41	≤9.98	13.43		PASS

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	Ant1	5720_UNII-2C	4.31	≤11.00	8.32		PASS
	Ant2	5720_UNII-2C	3.84	≤11.00 ≤11.00	6.97		PASS
	total	5720_UNII-2C	7.09	≤9.98	14.11		PASS
	Ant1	5720_UNII-3	-0.51	≤30.00	3.50		PASS
	Ant2	5720_UNII-3	-0.93	≤30.00	2.20		PASS
	total	5720_UNII-3	2.30	≤28.98	9.32		PASS
	Ant1	5745	0.89	≤30.00	4.90		PASS
	Ant2	5745	0.04	≤30.00	3.17		PASS
	total	5745	3.50	≤28.98	10.52		PASS
	Ant1	5785	0.62	≤30.00	4.63		PASS
	Ant2	5785	-0.62	≤30.00	2.51		PASS
	total	5785	3.05	≤28.98	10.07		PASS
	Ant1	5825	0.40	≤30.00	4.41		PASS
	Ant2	5825	-0.44	≤30.00	2.69		PASS
	total	5825	3.01	≤28.98	10.03		PASS
	Ant1	5190	-1.65	≤11.00	2.36	≤10.00	PASS
	Ant2	5190	-2.01	≤11.00	1.12	≤10.00	PASS
	total	5190	1.18	≤9.98	8.20	≤8.98	PASS
	Ant1	5230	-1.73	≤11.00	2.28	≤10.00	PASS
	Ant2	5230	-2.10	≤11.00	1.03	≤10.00	PASS
	total	5230	1.10	≤9.98	8.12	≤8.98	PASS
	Ant1	5270	-0.88	≤11.00	3.13		PASS
	Ant2	5270	-1.48	≤11.00	1.65		PASS
	total	5270	1.84	≤9.98	8.86		PASS
	Ant1	5310	-0.85	≤11.00	3.16		PASS
	Ant2	5310	-1.24	≤11.00	1.89		PASS
	total	5310	1.97	≤9.98	8.99		PASS
	Ant1	5510	-1.63	≤11.00	2.38		PASS
	Ant2	5510	-0.77	≤11.00	2.36		PASS
	total	5510	1.83	≤9.98	8.85		PASS
	Ant1	5550	-1.99	≤11.00	2.02		PASS
11N40MIMO	Ant2	5550	-1.05	≤11.00	2.08		PASS
	total	5550	1.52	≤9.98	8.54		PASS
	Ant1	5670	-1.83	≤11.00	2.18		PASS
	Ant2	5670	-1.09	≤11.00	2.04		PASS
	total	5670	1.57	≤9.98	8.59		PASS
	Ant1	5710_UNII-2C	-2.27	≤11.00	1.74		PASS
	Ant2	5710_UNII-2C	-0.91	≤11.00	2.22		PASS
	total	5710_UNII-2C	1.47	≤9.98	8.49		PASS
	Ant1	5710_UNII-3	-8.80	≤30.00	-4.79		PASS
	Ant2	5710_UNII-3	-7.38	≤30.00	-4.25		PASS
	total	5710_UNII-3	-5.02	≤28.98	2.00		PASS
	Ant1	5755	-5.05	≤30.00	-1.04		PASS
	Ant2	5755	-3.81	≤30.00	-0.68		PASS
	total	5755	-1.38	≤28.98	5.64		PASS
	Ant1	5795	-5.34	≤30.00	-1.33		PASS
	Ant2	5795	-3.70	≤30.00	-0.57		PASS
	total	5795	-1.43	≤28.98	5.59		PASS
	Ant1	5210	-3.09	≤11.00	0.92	≤10.00	PASS
	Ant2	5210	-3.79	≤11.00	-0.66	≤10.00	PASS
	total	5210	-0.42	≤9.98	6.60	≤8.98	PASS
	Ant1	5290	-3.49	≤11.00	0.52		PASS
	Ant2	5290	-2.91	≤11.00	0.22		PASS
11AC80MIMO	total	5290	-0.18	≤9.98	6.84		PASS
	Ant1	5530	-3.27	≤11.00	0.74		PASS
	Ant2	5530	-2.91	≤11.00	0.22		PASS
	total	5530	-0.08	≤9.98	6.94		PASS
	Ant1	5610	-3.77	≤11.00	0.24		PASS
	Ant2	5610	-2.56	≤11.00	0.57		PASS
	total	5610	-0.11	≤9.98	6.91		PASS

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	Aret4		4.00	<11.00	0.07		DACC
	Ant1	5690_UNII-2C	-4.68	≤11.00 ≤11.00	-0.67		PASS
	Ant2	5690_UNII-2C	-3.88		-0.75		PASS
	total Ant1	5690_UNII-2C 5690_UNII-3	-1.25 -9.90	≤9.98 ≤30.00	5.77 -5.89		PASS PASS
	Ant1 Ant2	5690_UNII-3	-9.90	≤30.00 ≤30.00	-5.40		PASS
	total	5690_UNII-3	-6.15	≤28.98	0.87		PASS
	Ant1	5775	-6.50	≤30.00	-2.49		PASS
	Ant2	5775	-4.97	≤30.00	-1.84		PASS
	total	5775	-2.66	≤28.98	4.36		PASS
	Ant1	5180	-1.56	≤11.00	2.45	≤10.00	PASS
	Ant2	5180	-1.92	≤11.00	1.21	≤10.00	PASS
	total	5180	1.27	≤9.98	8.29	≤8.98	PASS
	Ant1	5200	-1.54	<u>≤11.00</u>	2.47	≤10.00	PASS
	Ant2	5200	-2.00	≤11.00	1.13	≤10.00	PASS
	total	5200	1.25	≤9.98	8.27	≤8.98	PASS
	Ant1	5240	-1.57	≤11.00	2.44	≤10.00	PASS
	Ant2	5240	-1.99	≤11.00	1.14	≤10.00	PASS
	total	5240	1.24	≤9.98	8.26	≤8.98	PASS
	Ant1	5260	2.07	≤11.00	6.08		PASS
	Ant2	5260	1.85	≤11.00	4.98		PASS
	total	5260	4.97	≤9.98	11.99		PASS
	Ant1	5280	1.86	≤11.00	5.87		PASS
	Ant2	5280	1.66	≤11.00	4.79		PASS
	total	5280	4.77	≤9.98	11.79		PASS
	Ant1	5320	2.06	≤11.00	6.07		PASS
	Ant2	5320	2.16	≤11.00	5.29		PASS
	total	5320	5.12	≤9.98	12.14		PASS
	Ant1	5500	1.50	≤11.00	5.51		PASS
	Ant2	5500	1.75	≤11.00	4.88		PASS
11AX20MIMO	total	5500	4.64	≤9.98	11.66		PASS
	Ant1	5580	1.74	≤11.00	5.75		PASS
	Ant2	5580	2.39	≤11.00	5.52		PASS
	total	5580	5.09	≤9.98	12.11		PASS
	Ant1	5700	1.80	≤11.00	5.81		PASS
	Ant2	5700	2.57	≤11.00	5.70		PASS
	total	5700	5.21	≤9.98	12.23		PASS
	Ant1	5720_UNII-2C	1.91	≤11.00	5.92		PASS
	Ant2	5720_UNII-2C	2.88	≤11.00	6.01		PASS
	total	5720_UNII-2C	5.43	≤9.98	12.45		PASS
	Ant1	5720_UNII-3	-2.13	≤30.00	1.88		PASS
	Ant2	5720_UNII-3	-1.28	≤30.00	1.85		PASS
	total	5720_UNII-3	1.33	≤28.98	8.35		PASS
	Ant1	5745	-1.46	≤30.00	2.55		PASS
	Ant2	5745	-0.47	≤30.00	2.66		PASS
	total	5745	2.07	≤28.98 <20.00	9.09		PASS
	Ant1	5785	-1.81	≤30.00	2.20		PASS
	Ant2	5785 5785	-0.70 1.79	≤30.00 ≤28.98	2.43 8.81		PASS PASS
	total Ant1	5785	-1.89	≤28.98 ≤30.00	2.12		PASS
	Ant1 Ant2	5825	-1.89 -0.88	≤30.00 ≤30.00	2.12		PASS
	total	5825	-0.88	≤30.00 ≤28.98	8.67		PASS
11AX40MIMO	Ant1	5190	-0.95	≤11.00	3.06	 ≤10.00	PASS
	Ant2	5190	-0.95	≤11.00 ≤11.00	1.73	<u>≤10.00</u> ≤10.00	PASS
	total	5190	1.84	≤9.98	8.86	<u>≤10.00</u> ≤8.98	PASS
	Ant1	5230	-1.80	<u>≤9.98</u> ≤11.00	2.21	<u>≤10.00</u>	PASS
	Ant2	5230	-1.78	≤11.00	1.35	<u>≤10.00</u> ≤10.00	PASS
	total	5230	1.22	≤9.98	8.24	≤8.98	PASS
	Ant1	5270	-2.54	≤11.00	1.47	<u> </u>	PASS
	Ant2	5270	-2.08	≤11.00	1.05		PASS

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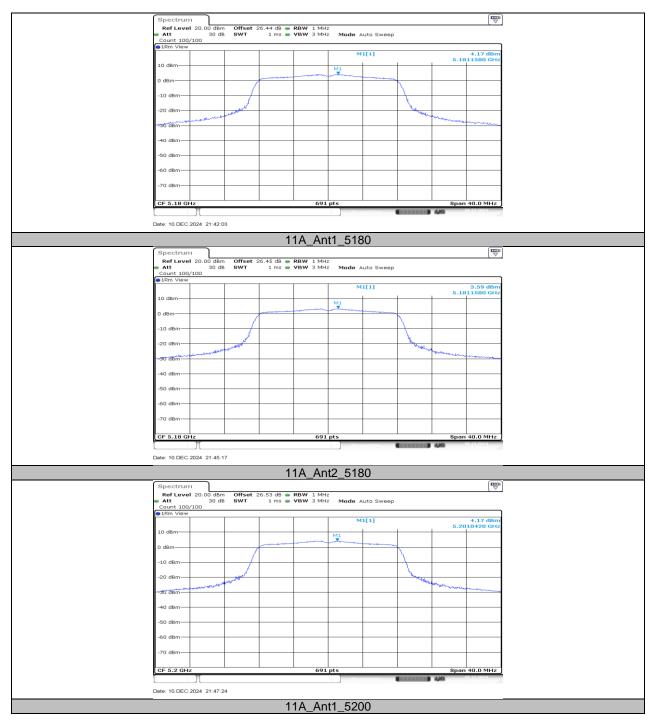
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	Ant1	5310	-1.25	≤11.00	2.76		PASS
	Ant2	5310	-1.61	≤11.00 ≤11.00	1.52		PASS
	total	5310	1.58	≤11.00 ≤9.98	8.60		PASS
	Ant1	5510	-1.73	≤ <u>9.98</u> ≤11.00	2.28		PASS
	-		-		-		PASS
	Ant2	5510	-1.10	≤11.00 <0.08	2.03		PASS
	total Ant1	5510 5550	1.61 -2.17	≤9.98 ≤11.00	8.63 1.84		PASS
		5550	-0.83	≤11.00 ≤11.00	2.30		PASS
	Ant2	5550	1.56	≤11.00 ≤9.98	8.58		PASS
	total	5670	-2.07	≤ <u>9.98</u> ≤11.00	0.58 1.94		PASS
	Ant1	5670	-		-		PASS
	Ant2	5670	-1.09 1.46	≤11.00 ≤9.98	2.04 8.48		PASS
	total	5710_UNII-2C	-				PASS
	Ant1	—	-2.19	≤11.00	1.82		
	Ant2	5710_UNII-2C	-1.51	≤11.00	1.62		PASS
	total	5710_UNII-2C	1.17	≤9.98	8.19		PASS
	Ant1	5710_UNII-3	-7.28	≤30.00	-3.27		PASS
	Ant2	5710_UNII-3	-6.50	≤30.00	-3.37		PASS
	total	5710_UNII-3	-3.86	≤28.98	3.16		PASS
	Ant1	5755	-4.18	≤30.00	-0.17		PASS
	Ant2	5755	-3.42	≤30.00	-0.29		PASS
	total	5755	-0.77	≤28.98	6.25		PASS
	Ant1	5795	-4.37	≤30.00	-0.36		PASS
	Ant2	5795	-4.30	≤30.00	-1.17		PASS
	total	5795 5210	-1.32	≤28.98	5.70		PASS PASS
	Ant1		-3.64	≤11.00	0.37	≤10.00	
	Ant2	5210	-4.40	≤11.00	-1.27	≤10.00	PASS
	total	5210	-0.99	≤9.98	6.03	≤8.98	PASS
	Ant1	5290	-3.66	≤11.00	0.35		PASS
	Ant2	5290	-4.19	≤11.00	-1.06		PASS
	total	5290	-0.91	≤9.98	6.11		PASS
	Ant1	5530	-4.74	≤11.00	-0.73		PASS
	Ant2	5530	-4.66	≤11.00	-1.53		PASS
	total	5530	-1.69	≤9.98	5.33		PASS
	Ant1	5610	-4.74	≤11.00	-0.73		PASS
11AX80MIMO	Ant2	5610	-4.91	≤11.00	-1.78		PASS
-	total	5610	-1.81	≤9.98	5.21		PASS
	Ant1	5690_UNII-2C	-5.20	≤11.00	-1.19		PASS
	Ant2	5690_UNII-2C	-4.83	≤11.00	-1.70		PASS
	total	5690_UNII-2C	-2.00	≤9.98	5.02		PASS
	Ant1	5690_UNII-3	-12.11	≤30.00	-8.10		PASS
	Ant2	5690_UNII-3	-11.51	≤30.00	-8.38		PASS
	total	5690_UNII-3	-8.79	≤28.98	-1.77		PASS
	Ant1	5775	-8.14	≤30.00	-4.13		PASS
	Ant2	5775	-7.20	≤30.00	-4.07		PASS
	total	5775	-4.63	≤28.98	2.39		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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