

**Appendix C: Maximum conducted output power
Test Result Channel Power**

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.55	96.53	0.15	14.70	≤23.98	PASS
11A	Ant2	5180	13.89	96.53	0.15	14.04	≤23.98	PASS
11A	Ant1	5200	14.26	96.53	0.15	14.41	≤23.98	PASS
11A	Ant2	5200	13.76	96.53	0.15	13.91	≤23.98	PASS
11A	Ant1	5240	14.38	95.86	0.18	14.56	≤23.98	PASS
11A	Ant2	5240	13.77	96.55	0.15	13.92	≤23.98	PASS
11A	Ant1	5260	14.27	96.53	0.15	14.42	≤23.98	PASS
11A	Ant2	5260	13.70	95.86	0.18	13.88	≤23.98	PASS
11A	Ant1	5300	14.01	95.86	0.18	14.19	≤23.98	PASS
11A	Ant2	5300	13.70	96.53	0.15	13.85	≤23.98	PASS
11A	Ant1	5320	13.90	96.53	0.15	14.05	≤23.97	PASS
11A	Ant2	5320	13.51	95.86	0.18	13.69	≤23.98	PASS
11A	Ant1	5500	14.08	95.86	0.18	14.26	≤23.98	PASS
11A	Ant2	5500	13.55	96.53	0.15	13.70	≤23.98	PASS
11A	Ant1	5580	13.96	95.86	0.18	14.14	≤23.98	PASS
11A	Ant2	5580	13.49	95.86	0.18	13.67	≤23.98	PASS
11A	Ant1	5700	14.39	96.53	0.15	14.54	≤23.98	PASS
11A	Ant2	5700	14.14	95.86	0.18	14.32	≤23.98	PASS
11A	Ant1	5745	14.42	95.86	0.18	14.60	≤30.00	PASS
11A	Ant2	5745	14.04	96.53	0.15	14.19	≤30.00	PASS
11A	Ant1	5785	13.95	95.86	0.18	14.13	≤30.00	PASS
11A	Ant2	5785	13.75	95.86	0.18	13.93	≤30.00	PASS
11A	Ant1	5825	13.78	95.86	0.18	13.96	≤30.00	PASS
11A	Ant2	5825	13.88	96.53	0.15	14.03	≤30.00	PASS
11N20MIMO	Ant1	5180	14.26	95.59	0.20	14.46	≤23.98	PASS
11N20MIMO	Ant2	5180	13.80	95.59	0.20	14.00	≤23.98	PASS
11N20MIMO	total	5180	---	---	---	17.25	≤23.98	PASS
11N20MIMO	Ant1	5200	13.96	95.59	0.20	14.16	≤23.98	PASS
11N20MIMO	Ant2	5200	13.52	95.59	0.20	13.72	≤23.98	PASS
11N20MIMO	total	5200	---	---	---	16.96	≤23.98	PASS
11N20MIMO	Ant1	5240	14.32	95.59	0.20	14.52	≤23.98	PASS
11N20MIMO	Ant2	5240	13.70	95.59	0.20	13.90	≤23.98	PASS
11N20MIMO	total	5240	---	---	---	17.23	≤23.98	PASS
11N20MIMO	Ant1	5260	13.90	96.30	0.16	14.06	≤23.98	PASS
11N20MIMO	Ant2	5260	13.47	96.30	0.16	13.63	≤23.98	PASS
11N20MIMO	total	5260	---	---	---	16.86	≤23.98	PASS
11N20MIMO	Ant1	5300	13.74	95.59	0.20	13.94	≤23.98	PASS
11N20MIMO	Ant2	5300	13.50	95.59	0.20	13.70	≤23.98	PASS
11N20MIMO	total	5300	---	---	---	16.83	≤23.98	PASS
11N20MIMO	Ant1	5320	13.67	96.30	0.16	13.83	≤23.98	PASS
11N20MIMO	Ant2	5320	13.41	95.59	0.20	13.61	≤23.98	PASS
11N20MIMO	total	5320	---	---	---	16.73	≤23.98	PASS
11N20MIMO	Ant1	5500	13.72	96.30	0.16	13.88	≤23.98	PASS
11N20MIMO	Ant2	5500	13.43	95.59	0.20	13.63	≤23.98	PASS
11N20MIMO	total	5500	---	---	---	16.77	≤23.98	PASS
11N20MIMO	Ant1	5580	13.97	96.30	0.16	14.13	≤23.98	PASS
11N20MIMO	Ant2	5580	13.43	96.30	0.16	13.59	≤23.98	PASS
11N20MIMO	total	5580	---	---	---	16.88	≤23.98	PASS
11N20MIMO	Ant1	5700	14.31	58.56	2.32	16.63	≤23.98	PASS
11N20MIMO	Ant2	5700	14.10	96.30	0.16	14.26	≤23.98	PASS
11N20MIMO	total	5700	---	---	---	18.62	≤23.98	PASS
11N20MIMO	Ant1	5745	14.24	96.30	0.16	14.40	≤30.00	PASS

11N20MIMO	Ant2	5745	14.19	95.59	0.20	14.39	≤30.00	PASS
11N20MIMO	total	5745	---	---	---	17.41	≤30.00	PASS
11N20MIMO	Ant1	5785	13.84	95.59	0.20	14.04	≤30.00	PASS
11N20MIMO	Ant2	5785	13.73	96.30	0.16	13.89	≤30.00	PASS
11N20MIMO	total	5785	---	---	---	16.98	≤30.00	PASS
11N20MIMO	Ant1	5825	13.79	96.30	0.16	13.95	≤30.00	PASS
11N20MIMO	Ant2	5825	14.05	95.59	0.20	14.25	≤30.00	PASS
11N20MIMO	total	5825	---	---	---	17.11	≤30.00	PASS
11N40MIMO	Ant1	5190	14.45	91.43	0.39	14.84	≤23.98	PASS
11N40MIMO	Ant2	5190	14.07	91.43	0.39	14.46	≤23.98	PASS
11N40MIMO	total	5190	---	---	---	17.66	≤23.98	PASS
11N40MIMO	Ant1	5230	14.37	92.86	0.32	14.69	≤23.98	PASS
11N40MIMO	Ant2	5230	13.84	91.43	0.39	14.23	≤23.98	PASS
11N40MIMO	total	5230	---	---	---	17.48	≤23.98	PASS
11N40MIMO	Ant1	5270	14.20	91.43	0.39	14.59	≤23.98	PASS
11N40MIMO	Ant2	5270	13.66	92.86	0.32	13.98	≤23.98	PASS
11N40MIMO	total	5270	---	---	---	17.31	≤23.98	PASS
11N40MIMO	Ant1	5310	13.69	91.43	0.39	14.08	≤23.98	PASS
11N40MIMO	Ant2	5310	13.61	92.86	0.32	13.93	≤23.98	PASS
11N40MIMO	total	5310	---	---	---	17.02	≤23.98	PASS
11N40MIMO	Ant1	5510	13.63	91.43	0.39	14.02	≤23.98	PASS
11N40MIMO	Ant2	5510	13.38	91.43	0.39	13.77	≤23.98	PASS
11N40MIMO	total	5510	---	---	---	16.91	≤23.98	PASS
11N40MIMO	Ant1	5590	13.76	83.12	0.80	14.56	≤23.98	PASS
11N40MIMO	Ant2	5590	13.51	91.43	0.39	13.90	≤23.98	PASS
11N40MIMO	total	5590	---	---	---	17.25	≤23.98	PASS
11N40MIMO	Ant1	5670	14.24	91.43	0.39	14.63	≤23.98	PASS
11N40MIMO	Ant2	5670	14.00	91.43	0.39	14.39	≤23.98	PASS
11N40MIMO	total	5670	---	---	---	17.52	≤23.98	PASS
11N40MIMO	Ant1	5755	14.24	91.43	0.39	14.63	≤30.00	PASS
11N40MIMO	Ant2	5755	14.20	92.86	0.32	14.52	≤30.00	PASS
11N40MIMO	total	5755	---	---	---	17.59	≤30.00	PASS
11N40MIMO	Ant1	5795	13.91	91.43	0.39	14.30	≤30.00	PASS
11N40MIMO	Ant2	5795	14.02	92.86	0.32	14.34	≤30.00	PASS
11N40MIMO	total	5795	---	---	---	17.33	≤30.00	PASS
11AC20MIMO	Ant1	5180	14.48	96.32	0.16	14.64	≤23.98	PASS
11AC20MIMO	Ant2	5180	13.74	96.32	0.16	13.90	≤23.98	PASS
11AC20MIMO	total	5180	---	---	---	17.30	≤23.98	PASS
11AC20MIMO	Ant1	5200	14.12	95.62	0.19	14.31	≤23.98	PASS
11AC20MIMO	Ant2	5200	13.81	96.32	0.16	13.97	≤23.98	PASS
11AC20MIMO	total	5200	---	---	---	17.15	≤23.98	PASS
11AC20MIMO	Ant1	5240	14.22	96.32	0.16	14.38	≤23.98	PASS
11AC20MIMO	Ant2	5240	13.73	95.62	0.19	13.92	≤23.98	PASS
11AC20MIMO	total	5240	---	---	---	17.17	≤23.98	PASS
11AC20MIMO	Ant1	5260	14.02	95.62	0.19	14.21	≤23.98	PASS
11AC20MIMO	Ant2	5260	13.67	95.62	0.19	13.86	≤23.98	PASS
11AC20MIMO	total	5260	---	---	---	17.05	≤23.98	PASS
11AC20MIMO	Ant1	5300	13.86	96.32	0.16	14.02	≤23.98	PASS
11AC20MIMO	Ant2	5300	13.61	96.32	0.16	13.77	≤23.98	PASS
11AC20MIMO	total	5300	---	---	---	16.91	≤23.98	PASS
11AC20MIMO	Ant1	5320	13.65	95.62	0.19	13.84	≤23.98	PASS
11AC20MIMO	Ant2	5320	13.52	95.62	0.19	13.71	≤23.98	PASS
11AC20MIMO	total	5320	---	---	---	16.79	≤23.98	PASS
11AC20MIMO	Ant1	5500	13.76	96.32	0.16	13.92	≤23.98	PASS
11AC20MIMO	Ant2	5500	13.43	95.62	0.19	13.62	≤23.98	PASS
11AC20MIMO	total	5500	---	---	---	16.78	≤23.98	PASS
11AC20MIMO	Ant1	5580	13.72	95.62	0.19	13.91	≤23.98	PASS

11AC20MIMO	Ant2	5580	13.43	96.32	0.16	13.59	≤23.98	PASS
11AC20MIMO	total	5580	---	---	---	16.76	≤23.98	PASS
11AC20MIMO	Ant1	5700	14.33	96.35	0.16	14.49	≤23.98	PASS
11AC20MIMO	Ant2	5700	14.15	96.32	0.16	14.31	≤23.98	PASS
11AC20MIMO	total	5700	---	---	---	17.41	≤23.98	PASS
11AC20MIMO	Ant1	5745	14.08	95.62	0.19	14.27	≤30.00	PASS
11AC20MIMO	Ant2	5745	14.03	95.62	0.19	14.22	≤30.00	PASS
11AC20MIMO	total	5745	---	---	---	17.26	≤30.00	PASS
11AC20MIMO	Ant1	5785	13.71	96.32	0.16	13.87	≤30.00	PASS
11AC20MIMO	Ant2	5785	13.59	96.32	0.16	13.75	≤30.00	PASS
11AC20MIMO	total	5785	---	---	---	16.82	≤30.00	PASS
11AC20MIMO	Ant1	5825	13.68	96.32	0.16	13.84	≤30.00	PASS
11AC20MIMO	Ant2	5825	13.81	95.62	0.19	14.00	≤30.00	PASS
11AC20MIMO	total	5825	---	---	---	16.93	≤30.00	PASS
11AC40MIMO	Ant1	5190	14.25	91.55	0.38	14.63	≤23.98	PASS
11AC40MIMO	Ant2	5190	13.85	92.86	0.32	14.17	≤23.98	PASS
11AC40MIMO	total	5190	---	---	---	17.42	≤23.98	PASS
11AC40MIMO	Ant1	5230	14.23	91.55	0.38	14.61	≤23.98	PASS
11AC40MIMO	Ant2	5230	13.74	92.86	0.32	14.06	≤23.98	PASS
11AC40MIMO	total	5230	---	---	---	17.35	≤23.98	PASS
11AC40MIMO	Ant1	5270	14.13	92.96	0.32	14.45	≤23.98	PASS
11AC40MIMO	Ant2	5270	13.54	92.86	0.32	13.86	≤23.98	PASS
11AC40MIMO	total	5270	---	---	---	17.18	≤23.98	PASS
11AC40MIMO	Ant1	5310	13.62	92.86	0.32	13.94	≤23.98	PASS
11AC40MIMO	Ant2	5310	13.53	76.74	1.15	14.68	≤23.98	PASS
11AC40MIMO	total	5310	---	---	---	17.34	≤23.98	PASS
11AC40MIMO	Ant1	5510	13.68	92.86	0.32	14.00	≤23.98	PASS
11AC40MIMO	Ant2	5510	13.36	92.86	0.32	13.68	≤23.98	PASS
11AC40MIMO	total	5510	---	---	---	16.85	≤23.98	PASS
11AC40MIMO	Ant1	5590	13.85	92.86	0.32	14.17	≤23.98	PASS
11AC40MIMO	Ant2	5590	13.39	92.96	0.32	13.71	≤23.98	PASS
11AC40MIMO	total	5590	---	---	---	16.96	≤23.98	PASS
11AC40MIMO	Ant1	5670	14.43	74.71	1.27	15.70	≤23.98	PASS
11AC40MIMO	Ant2	5670	14.02	92.86	0.32	14.34	≤23.98	PASS
11AC40MIMO	total	5670	---	---	---	18.08	≤23.98	PASS
11AC40MIMO	Ant1	5755	14.35	92.96	0.32	14.67	≤30.00	PASS
11AC40MIMO	Ant2	5755	14.10	75.58	1.22	15.32	≤30.00	PASS
11AC40MIMO	total	5755	---	---	---	18.02	≤30.00	PASS
11AC40MIMO	Ant1	5795	14.05	92.86	0.32	14.37	≤30.00	PASS
11AC40MIMO	Ant2	5795	14.08	92.96	0.32	14.40	≤30.00	PASS
11AC40MIMO	total	5795	---	---	---	17.40	≤30.00	PASS
11AC80MIMO	Ant1	5210	11.95	86.49	0.63	12.58	≤23.98	PASS
11AC80MIMO	Ant2	5210	11.41	86.49	0.63	12.04	≤23.98	PASS
11AC80MIMO	total	5210	---	---	---	15.33	≤23.98	PASS
11AC80MIMO	Ant1	5290	11.69	84.21	0.75	12.44	≤23.98	PASS
11AC80MIMO	Ant2	5290	11.28	84.21	0.75	12.03	≤23.98	PASS
11AC80MIMO	total	5290	---	---	---	15.25	≤23.98	PASS
11AC80MIMO	Ant1	5530	11.69	84.21	0.75	12.44	≤23.98	PASS
11AC80MIMO	Ant2	5530	11.20	84.21	0.75	11.95	≤23.98	PASS
11AC80MIMO	total	5530	---	---	---	15.21	≤23.98	PASS
11AC80MIMO	Ant1	5610	11.37	84.21	0.75	12.12	≤23.98	PASS
11AC80MIMO	Ant2	5610	11.04	86.49	0.63	11.67	≤23.98	PASS
11AC80MIMO	total	5610	---	---	---	14.91	≤23.98	PASS
11AC80MIMO	Ant1	5775	11.74	84.21	0.75	12.49	≤30.00	PASS
11AC80MIMO	Ant2	5775	11.59	84.21	0.75	12.34	≤30.00	PASS
11AC80MIMO	total	5775	---	---	---	15.43	≤30.00	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

11A-Ant1-5180-PASS



11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



11A-Ant1-5260-PASS



11A-Ant2-5260-PASS



11A-Ant1-5300-PASS



11A-Ant2-5300-PASS



11A-Ant1-5320-PASS



11A-Ant2-5320-PASS



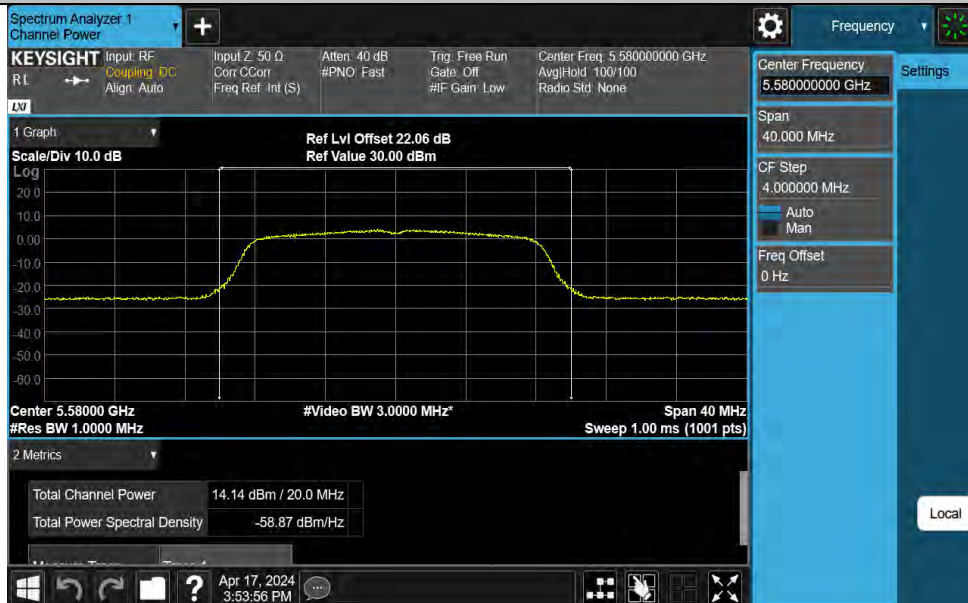
11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS



11A-Ant2-5580-PASS



11A-Ant1-5700-PASS



11A-Ant2-5700-PASS



11A-Ant1-5745-PASS



11A-Ant2-5745-PASS



11A-Ant1-5785-PASS



11A-Ant2-5785-PASS



11A-Ant1-5825-PASS



11A-Ant2-5825-PASS



