

Appendix K-5G Maximum Conducted Output Power

Test Information:

Sample No.:	2UIA-7	Test Date:	2025/01/03~2025/02/06
Test Site:	RF	Test Mode:	Transmitting
Tester:	Rainbow Zhu	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	45~53	Relative Humidity: (%)	22.3~25	ATM Pressure: (kPa)	101.0~101.1
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Maximum Conducted Output Power

5150-5250MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5180	14.59	24	Pass
	5200	14.13	24	Pass
	5240	13.79	24	Pass
802.11ac20	5180	14.06	24	Pass
	5200	14.27	24	Pass
	5240	13.71	24	Pass
802.11ac40	5190	8.23	24	Pass
	5230	7.69	24	Pass

5250-5350MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5260	12.71	24	Pass
	5280	12.74	24	Pass
	5320	13.09	24	Pass
802.11ac20	5260	13.08	24	Pass
	5280	12.85	24	Pass
	5320	12.24	24	Pass
802.11ac40	5270	8.30	24	Pass
	5310	8.22	24	Pass

5470-5725MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5500	12.10	24	Pass
	5580	11.82	24	Pass
	5700	12.03	24	Pass
	5720	11.94	24	Pass
802.11ac20	5500	11.91	24	Pass
	5580	11.94	24	Pass
	5700	12.17	24	Pass
	5720	12.03	24	Pass
802.11ac40	5510	8.31	24	Pass
	5550	8.35	24	Pass
	5670	7.75	24	Pass
	5710	8.41	24	Pass

5725-5850MHz

Mode	Test Frequency (MHz)	Average Output Power(dBm)	Limit (dBm)	Verdict
802.11a	5745	13.64	30	Pass
	5785	13.77	30	Pass
	5825	13.63	30	Pass
802.11ac20	5745	13.54	30	Pass
	5785	13.27	30	Pass
	5825	13.66	30	Pass
802.11ac40	5755	13.94	30	Pass
	5795	13.88	30	Pass