

FCC ID: 2AMKRTDXW801

Frequency	1-g SAR
100MHz-6GHz	3.0

$$\left[\frac{\text{[(max. power of channel, including tune-up tolerance, mW)]}}{\text{[(min. test separation distance, mm)]}} \cdot \left[\sqrt{f(\text{GHz})} \right] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,} \right.$$

2. Estimation Result

Mode	Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
11b	2412	8.83	7.64	5	2.3731	3.0
	2437	8.64	7.31	5	2.2823	3.0
	2462	8.72	7.45	5	2.3379	3.0
11g	2412	8.45	7.00	5	2.1743	3.0
	2437	8.36	6.85	5	2.1387	3.0
	2462	8.37	6.87	5	2.1559	3.0
11n/HT20	2412	8.54	7.14	5	2.2178	3.0
	2437	8.52	7.11	5	2.2199	3.0
	2462	8.45	7.00	5	2.1967	3.0
11n/HT40	2422	8.74	7.48	5	2.3282	3.0
	2437	8.58	7.21	5	2.2511	3.0
	2452	8.62	7.28	5	2.2799	3.0
Note: PK Output Power = Conducted Power. Conducted Power see the test report UNIA22022304ER-62.						

Mode	Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
802.11A20	5180	7.35	5.43	5	2.4717	3.0
	5200	7.69	5.87	5	2.6771	3.0
	5240	7.58	5.73	5	2.6233	3.0
802.11N20	5180	7.37	5.46	5	2.4853	3.0
	5200	7.65	5.82	5	2.6543	3.0
	5240	7.45	5.56	5	2.5455	3.0
802.11AC20	5180	7.37	5.46	5	2.4853	3.0
	5200	7.44	5.55	5	2.5312	3.0
	5240	7.38	5.47	5	2.5043	3.0
802.11N40	5190	7.84	6.08	5	2.7702	3.0
	5230	7.58	5.73	5	2.6208	3.0
802.11AC40	5190	7.61	5.77	5	2.6290	3.0
	5230	7.56	5.70	5	2.6071	3.0
802.11AC80	5210	7.85	6.10	5	2.7847	3.0

Note: PK Output Power = Conducted Power.
Conducted Power see the test report UNIA22022304ER-63.

Mode	Frequency (MHz)	PK Output Power(dBm)	Output Power(mW)	Test Separation Distance (mm)	Measurement Result	1-g SAR
802.11A20	5745	7.90	6.17	5	2.9577	3.0
	5785	7.71	5.90	5	2.8381	3.0
	5825	7.83	6.07	5	2.9300	3.0
802.11N20	5745	7.65	5.82	5	2.7900	3.0
	5785	7.74	5.94	5	2.8574	3.0
	5825	7.73	5.93	5	2.8624	3.0
802.11AC20	5745	7.89	6.15	5	2.9482	3.0
	5785	7.86	6.11	5	2.9392	3.0
	5825	7.75	5.96	5	2.8769	3.0
802.11N40	5755	7.84	6.08	5	2.9171	3.0
	5795	7.85	6.10	5	2.9369	3.0
802.11AC40	5755	7.75	5.96	5	2.8596	3.0
	5795	7.47	5.58	5	2.6865	3.0
802.11AC80	5775	7.75	5.96	5	2.8645	3.0

Note: PK Output Power = Conducted Power.
Conducted Power see the test report UNIA22022304ER-64.

Note: The BT/BLE/2.4G WiFi/5G WiFi share an ANT, so they cannot simultaneous transmission.

-----The End-----