

















Appendix E: Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
b	2412	Ant1	-7.20	-6.99	≤8	Pass
b	2412	Ant3	-7.45	-7.24	≤8	Pass
b	2412	Sum	-4.31	-4.10	≤8	Pass
b	2417	Ant1	-4.99	-4.78	≤8	Pass
b	2417	Ant3	-7.06	-6.85	≤8	Pass
b	2417	Sum	-2.89	-2.68	≤8	Pass
b	2437	Ant1	-6.19	-5.98	≤8	Pass
b	2437	Ant3	-5.21	-5.00	≤8	Pass
b	2437	Sum	-2.66	-2.45	≤8	Pass
b	2457	Ant1	-5.21	-5.00	≤8	Pass
b	2457	Ant3	-6.02	-5.81	≤8	Pass
b	2457	Sum	-2.59	-2.38	≤8	Pass
b	2462	Ant1	-4.99	-4.78	≤8	Pass
b	2462	Ant3	-3.86	-3.65	≤8	Pass
b	2462	Sum	-1.38	-1.17	≤8	Pass
g	2412	Ant1	-12.57	-12.36	≤8	Pass
g	2412	Ant3	-12.64	-12.43	≤8	Pass
g	2412	Sum	-9.59	-9.38	≤8	Pass
g	2417	Ant1	-10.77	-10.56	≤8	Pass
g	2417	Ant3	-10.71	-10.50	≤8	Pass
g	2417	Sum	-7.73	-7.52	≤8	Pass
g	2437	Ant1	-10.56	-10.35	≤8	Pass
g	2437	Ant3	-10.73	-10.52	≤8	Pass
g	2437	Sum	-7.63	-7.42	≤8	Pass
g	2457	Ant1	-10.70	-10.49	≤8	Pass
g	2457	Ant3	-10.52	-10.31	≤8	Pass
g	2457	Sum	-7.60	-7.39	≤8	Pass
g	2462	Ant1	-12.37	-12.16	≤8	Pass
g	2462	Ant3	-12.49	-12.28	≤8	Pass
g	2462	Sum	-9.42	-9.21	≤8	Pass
n20	2412	Ant1	-13.46	-13.11	≤8	Pass
n20	2412	Ant3	-13.49	-13.14	≤8	Pass
n20	2412	Sum	-10.46	-10.11	≤8	Pass
n20	2417	Ant1	-11.43	-11.08	≤8	Pass
n20	2417	Ant3	-11.36	-11.01	≤8	Pass
n20	2417	Sum	-8.38	-8.03	≤8	Pass
n20	2437	Ant1	-11.13	-10.78	≤8	Pass
n20	2437	Ant3	-11.07	-10.72	≤8	Pass
n20	2437	Sum	-8.09	-7.74	≤8	Pass
n20	2457	Ant1	-12.86	-12.51	≤8	Pass
n20	2457	Ant3	-12.56	-12.21	≤8	Pass
n20	2457	Sum	-9.70	-9.35	≤8	Pass
n20	2462	Ant1	-15.16	-14.81	≤8	Pass
n20	2462	Ant3	-15.16	-14.81	≤8	Pass
n20	2462	Sum	-12.15	-11.80	≤8	Pass
n40	2422	Ant1	-19.87	-19.52	≤8	Pass
n40	2422	Ant3	-19.87	-19.52	≤8	Pass
n40	2422	Sum	-16.86	-16.51	≤8	Pass
n40	2427	Ant1	-16.00	-15.65	≤8	Pass

n40	2427	Ant3	-16.04	-15.69	≤8	Pass
n40	2427	Sum	-13.01	-12.66	≤8	Pass
n40	2437	Ant1	-15.99	-15.64	≤8	Pass
n40	2437	Ant3	-16.00	-15.65	≤8	Pass
n40	2437	Sum	-12.98	-12.63	≤8	Pass
n40	2447	Ant1	-18.72	-18.37	≤8	Pass
n40	2447	Ant3	-18.66	-18.31	≤8	Pass
n40	2447	Sum	-15.68	-15.33	≤8	Pass
n40	2452	Ant1	-19.77	-19.42	≤8	Pass
n40	2452	Ant3	-19.59	-19.24	≤8	Pass
n40	2452	Sum	-16.67	-16.32	≤8	Pass
ax20	2412	Ant1	-15.51	-15.17	≤8	Pass
ax20	2412	Ant3	-15.28	-14.94	≤8	Pass
ax20	2412	Sum	-12.38	-12.04	≤8	Pass
ax20	2417	Ant1	-12.51	-12.17	≤8	Pass
ax20	2417	Ant3	-12.69	-12.35	≤8	Pass
ax20	2417	Sum	-9.59	-9.25	≤8	Pass
ax20	2437	Ant1	-12.76	-12.42	≤8	Pass
ax20	2437	Ant3	-12.54	-12.20	≤8	Pass
ax20	2437	Sum	-9.64	-9.30	≤8	Pass
ax20	2457	Ant1	-14.65	-14.31	≤8	Pass
ax20	2457	Ant3	-14.67	-14.33	≤8	Pass
ax20	2457	Sum	-11.65	-11.31	≤8	Pass
ax20	2462	Ant1	-16.80	-16.46	≤8	Pass
ax20	2462	Ant3	-16.86	-16.52	≤8	Pass
ax20	2462	Sum	-13.82	-13.48	≤8	Pass
ax40	2422	Ant1	-21.18	-20.81	≤8	Pass
ax40	2422	Ant3	-21.12	-20.75	≤8	Pass
ax40	2422	Sum	-18.14	-17.77	≤8	Pass
ax40	2427	Ant1	-18.36	-17.99	≤8	Pass
ax40	2427	Ant3	-18.37	-18.00	≤8	Pass
ax40	2427	Sum	-15.35	-14.98	≤8	Pass
ax40	2437	Ant1	-16.69	-16.32	≤8	Pass
ax40	2437	Ant3	-16.92	-16.55	≤8	Pass
ax40	2437	Sum	-13.79	-13.42	≤8	Pass
ax40	2447	Ant1	-20.09	-19.72	≤8	Pass
ax40	2447	Ant3	-20.10	-19.73	≤8	Pass
ax40	2447	Sum	-17.08	-16.71	≤8	Pass
ax40	2452	Ant1	-20.80	-20.43	≤8	Pass
ax40	2452	Ant3	-20.99	-20.62	≤8	Pass
ax40	2452	Sum	-17.88	-17.51	≤8	Pass

Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.































