

















































## Appendix E: Maximum Power Spectral Density Level

Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
ax20	5955	Ant0	-14.07	0.98	-13.09	4.94	-8.15	-1	Pass
ax20	5955	Ant1	-13.16	0.98	-12.18	4.94	-7.24	-1	Pass
ax20	5955	Sum	-10.58	0.98	-9.60	7.95	-1.65	-1	Pass
ax20	6175	Ant0	-13.89	0.98	-12.91	4.94	-7.97	-1	Pass
ax20	6175	Ant1	-13.75	0.98	-12.77	4.94	-7.83	-1	Pass
ax20	6175	Sum	-10.81	0.98	-9.83	7.95	-1.88	-1	Pass
ax20	6415	Ant0	-13.25	0.98	-12.27	4.94	-7.33	-1	Pass
ax20	6415	Ant1	-14.02	0.98	-13.04	4.94	-8.10	-1	Pass
ax20	6415	Sum	-10.61	0.98	-9.63	7.95	-1.68	-1	Pass
ax20	6435	Ant0	-13.62	0.98	-12.64	4.94	-7.70	-1	Pass
ax20	6435	Ant1	-14.13	0.98	-13.15	4.94	-8.21	-1	Pass
ax20	6435	Sum	-10.86	0.98	-9.88	7.95	-1.93	-1	Pass
ax20	6475	Ant0	-13.57	0.98	-12.59	4.94	-7.65	-1	Pass
ax20	6475	Ant1	-13.87	0.98	-12.89	4.94	-7.95	-1	Pass
ax20	6475	Sum	-10.71	0.98	-9.73	7.95	-1.78	-1	Pass
ax20	6515	Ant0	-13.96	0.98	-12.98	4.94	-8.04	-1	Pass
ax20	6515	Ant1	-14.88	0.98	-13.90	4.94	-8.96	-1	Pass
ax20	6515	Sum	-11.39	0.98	-10.41	7.95	-2.46	-1	Pass
ax20	6535	Ant0	-13.32	0.98	-12.34	4.94	-7.40	-1	Pass
ax20	6535	Ant1	-14.00	0.98	-13.02	4.94	-8.08	-1	Pass
ax20	6535	Sum	-10.64	0.98	-9.66	7.95	-1.71	-1	Pass
ax20	6715	Ant0	-14.21	0.98	-13.23	4.94	-8.29	-1	Pass
ax20	6715	Ant1	-13.12	0.98	-12.14	4.94	-7.20	-1	Pass
ax20	6715	Sum	-10.62	0.98	-9.64	7.95	-1.69	-1	Pass
ax20	6855	Ant0	-14.22	0.98	-13.24	4.94	-8.30	-1	Pass
ax20	6855	Ant1	-13.92	0.98	-12.94	4.94	-8.00	-1	Pass
ax20	6855	Sum	-11.06	0.98	-10.08	7.95	-2.13	-1	Pass
ax20	6875	Ant0	-14.42	0.98	-13.44	4.94	-8.50	-1	Pass
ax20	6875	Ant1	-13.83	0.98	-12.85	4.94	-7.91	-1	Pass
ax20	6875	Sum	-11.10	0.98	-10.12	7.95	-2.17	-1	Pass
ax20	7015	Ant0	-13.88	0.98	-12.90	4.94	-7.96	-1	Pass
ax20	7015	Ant1	-13.99	0.98	-13.01	4.94	-8.07	-1	Pass
ax20	7015	Sum	-10.92	0.98	-9.94	7.95	-1.99	-1	Pass
ax20	7115	Ant0	-14.00	0.98	-13.02	4.94	-8.08	-1	Pass
ax20	7115	Ant1	-13.81	0.98	-12.83	4.94	-7.89	-1	Pass
ax20	7115	Sum	-10.89	0.98	-9.91	7.95	-1.96	-1	Pass
ax40	5965	Ant0	-14.73	1.82	-12.91	4.94	-7.97	-1	Pass
ax40	5965	Ant1	-14.06	1.82	-12.24	4.94	-7.30	-1	Pass
ax40	5965	Sum	-11.37	1.82	-9.55	7.95	-1.60	-1	Pass
ax40	6165	Ant0	-14.37	1.82	-12.55	4.94	-7.61	-1	Pass
ax40	6165	Ant1	-15.07	1.82	-13.25	4.94	-8.31	-1	Pass
ax40	6165	Sum	-11.70	1.82	-9.88	7.95	-1.93	-1	Pass
ax40	6405	Ant0	-14.23	1.82	-12.41	4.94	-7.47	-1	Pass
ax40	6405	Ant1	-14.92	1.82	-13.10	4.94	-8.16	-1	Pass
ax40	6405	Sum	-11.55	1.82	-9.73	7.95	-1.78	-1	Pass
ax40	6445	Ant0	-14.47	1.82	-12.65	4.94	-7.71	-1	Pass
ax40	6445	Ant1	-14.72	1.82	-12.90	4.94	-7.96	-1	Pass
ax40	6445	Sum	-11.58	1.82	-9.76	7.95	-1.81	-1	Pass
ax40	6485	Ant0	-14.57	1.82	-12.75	4.94	-7.81	-1	Pass
ax40	6485	Ant1	-15.21	1.82	-13.39	4.94	-8.45	-1	Pass
ax40	6485	Sum	-11.87	1.82	-10.05	7.95	-2.10	-1	Pass
ax40	6525	Ant0	-14.84	1.82	-13.02	4.94	-8.08	-1	Pass
ax40	6525	Ant1	-15.32	1.82	-13.50	4.94	-8.56	-1	Pass
ax40	6525	Sum	-12.06	1.82	-10.24	7.95	-2.29	-1	Pass

ax40	6565	Ant0	-14.85	1.82	-13.03	4.94	-8.09	-1	Pass
ax40	6565	Ant1	-15.12	1.82	-13.30	4.94	-8.36	-1	Pass
ax40	6565	Sum	-11.97	1.82	-10.15	7.95	-2.20	-1	Pass
ax40	6725	Ant0	-14.86	1.82	-13.04	4.94	-8.10	-1	Pass
ax40	6725	Ant1	-13.71	1.82	-11.89	4.94	-6.95	-1	Pass
ax40	6725	Sum	-11.24	1.82	-9.42	7.95	-1.47	-1	Pass
ax40	6845	Ant0	-15.04	1.82	-13.22	4.94	-8.28	-1	Pass
ax40	6845	Ant1	-14.40	1.82	-12.58	4.94	-7.64	-1	Pass
ax40	6845	Sum	-11.70	1.82	-9.88	7.95	-1.93	-1	Pass
ax40	6885	Ant0	-14.81	1.82	-12.99	4.94	-8.05	-1	Pass
ax40	6885	Ant1	-14.28	1.82	-12.46	4.94	-7.52	-1	Pass
ax40	6885	Sum	-11.53	1.82	-9.71	7.95	-1.76	-1	Pass
ax40	7005	Ant0	-14.31	1.82	-12.49	4.94	-7.55	-1	Pass
ax40	7005	Ant1	-14.51	1.82	-12.69	4.94	-7.75	-1	Pass
ax40	7005	Sum	-11.40	1.82	-9.58	7.95	-1.63	-1	Pass
ax40	7085	Ant0	-14.57	1.82	-12.75	4.94	-7.81	-1	Pass
ax40	7085	Ant1	-14.58	1.82	-12.76	4.94	-7.82	-1	Pass
ax40	7085	Sum	-11.56	1.82	-9.74	7.95	-1.79	-1	Pass
ax80	5985	Ant0	-16.00	2.43	-13.57	4.94	-8.63	-1	Pass
ax80	5985	Ant1	-14.98	2.43	-12.55	4.94	-7.61	-1	Pass
ax80	5985	Sum	-12.45	2.43	-10.02	7.95	-2.07	-1	Pass
ax80	6145	Ant0	-15.07	2.43	-12.64	4.94	-7.70	-1	Pass
ax80	6145	Ant1	-15.78	2.43	-13.35	4.94	-8.41	-1	Pass
ax80	6145	Sum	-12.40	2.43	-9.97	7.95	-2.02	-1	Pass
ax80	6385	Ant0	-15.22	2.43	-12.79	4.94	-7.85	-1	Pass
ax80	6385	Ant1	-15.84	2.43	-13.41	4.94	-8.47	-1	Pass
ax80	6385	Sum	-12.51	2.43	-10.08	7.95	-2.13	-1	Pass
ax80	6465	Ant0	-14.56	2.43	-12.13	4.94	-7.19	-1	Pass
ax80	6465	Ant1	-15.72	2.43	-13.29	4.94	-8.35	-1	Pass
ax80	6465	Sum	-12.09	2.43	-9.66	7.95	-1.71	-1	Pass
ax80	6545	Ant0	-14.40	2.43	-11.97	4.94	-7.03	-1	Pass
ax80	6545	Ant1	-15.87	2.43	-13.44	4.94	-8.50	-1	Pass
ax80	6545	Sum	-12.06	2.43	-9.63	7.95	-1.68	-1	Pass
ax80	6625	Ant0	-15.34	2.43	-12.91	4.94	-7.97	-1	Pass
ax80	6625	Ant1	-14.73	2.43	-12.30	4.94	-7.36	-1	Pass
ax80	6625	Sum	-12.01	2.43	-9.58	7.95	-1.63	-1	Pass
ax80	6705	Ant0	-16.73	2.43	-14.30	4.94	-9.36	-1	Pass
ax80	6705	Ant1	-15.09	2.43	-12.66	4.94	-7.72	-1	Pass
ax80	6705	Sum	-12.82	2.43	-10.39	7.95	-2.44	-1	Pass
ax80	6785	Ant0	-16.11	2.43	-13.68	4.94	-8.74	-1	Pass
ax80	6785	Ant1	-14.58	2.43	-12.15	4.94	-7.21	-1	Pass
ax80	6785	Sum	-12.27	2.43	-9.84	7.95	-1.89	-1	Pass
ax80	6865	Ant0	-16.25	2.43	-13.82	4.94	-8.88	-1	Pass
ax80	6865	Ant1	-15.39	2.43	-12.96	4.94	-8.02	-1	Pass
ax80	6865	Sum	-12.79	2.43	-10.36	7.95	-2.41	-1	Pass
ax80	6945	Ant0	-15.45	2.43	-13.02	4.94	-8.08	-1	Pass
ax80	6945	Ant1	-14.87	2.43	-12.44	4.94	-7.50	-1	Pass
ax80	6945	Sum	-12.14	2.43	-9.71	7.95	-1.76	-1	Pass
ax80	7025	Ant0	-15.58	2.43	-13.15	4.94	-8.21	-1	Pass
ax80	7025	Ant1	-15.41	2.43	-12.98	4.94	-8.04	-1	Pass
ax80	7025	Sum	-12.48	2.43	-10.05	7.95	-2.10	-1	Pass











