

Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-44.46,-34.23	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-34.91,-42.74	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-30.37,-33.48	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-45.90,-37.18	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-31.19,-44.06	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-34.72,-31.34	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-45.14,-31.43	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-37.86,-44.84	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.99,-34.09	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-47.66,-39.45	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-32.27,-44.47	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-35.28,-31.94	PASS
Band2	20MHz	QPSK	18700	1RB#0	-49.41,-49.34	PASS
Band2	20MHz	QPSK	18700	1RB#99	-51.85,-65.63	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.21,-36.62	PASS
Band2	20MHz	QPSK	19100	1RB#0	-65.68,-52.26	PASS
Band2	20MHz	QPSK	19100	1RB#99	-45.86,-48.39	PASS
Band2	20MHz	QPSK	19100	100RB#0	-37.74,-33.73	PASS
Band2	20MHz	16QAM	18700	1RB#0	-49.70,-47.56	PASS
Band2	20MHz	16QAM	18700	1RB#99	-51.87,-66.18	PASS
Band2	20MHz	16QAM	18700	100RB#0	-32.65,-37.12	PASS
Band2	20MHz	16QAM	19100	1RB#0	-66.09,-52.14	PASS
Band2	20MHz	16QAM	19100	1RB#99	-46.02,-49.35	PASS
Band2	20MHz	16QAM	19100	100RB#0	-38.17,-33.80	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-42.80,-32.51	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-33.92,-40.20	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-36.85,-39.26	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-43.60,-35.46	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-32.56,-42.41	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-35.53,-33.35	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-43.36,-35.88	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-36.49,-43.41	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-37.54,-39.34	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-45.00,-37.55	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-32.07,-42.87	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-36.32,-34.38	PASS

Band4	20MHz	QPSK	20050	1RB#0	-48.32,-44.24	PASS
Band4	20MHz	QPSK	20050	1RB#99	-44.44,-64.68	PASS
Band4	20MHz	QPSK	20050	100RB#0	-41.27,-44.79	PASS
Band4	20MHz	QPSK	20300	1RB#0	-65.35,-34.20	PASS
Band4	20MHz	QPSK	20300	1RB#99	-43.36,-45.93	PASS
Band4	20MHz	QPSK	20300	100RB#0	-40.89,-36.76	PASS
Band4	20MHz	16QAM	20050	1RB#0	-48.57,-44.33	PASS
Band4	20MHz	16QAM	20050	1RB#99	-46.72,-64.44	PASS
Band4	20MHz	16QAM	20050	100RB#0	-41.97,-45.72	PASS
Band4	20MHz	16QAM	20300	1RB#0	-64.87,-37.16	PASS
Band4	20MHz	16QAM	20300	1RB#99	-44.00,-46.98	PASS
Band4	20MHz	16QAM	20300	100RB#0	-41.20,-36.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-44.63,-22.29	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-49.95,-42.21	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-39.03,-24.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-38.03,-50.62	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.90,-47.15	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.77,-38.27	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-47.73,-26.80	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-50.18,-45.40	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-39.60,-26.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-40.80,-51.33	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-26.14,-49.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.37,-39.61	PASS
Band5	10MHz	QPSK	20450	1RB#0	-46.01,-34.18	PASS
Band5	10MHz	QPSK	20450	1RB#49	-43.23,-56.37	PASS
Band5	10MHz	QPSK	20450	50RB#0	-34.36,-27.47	PASS
Band5	10MHz	QPSK	20600	1RB#0	-58.56,-43.44	PASS
Band5	10MHz	QPSK	20600	1RB#49	-33.08,-47.36	PASS
Band5	10MHz	QPSK	20600	50RB#0	-28.23,-35.02	PASS
Band5	10MHz	16QAM	20450	1RB#0	-48.84,-32.08	PASS
Band5	10MHz	16QAM	20450	1RB#49	-45.61,-57.14	PASS
Band5	10MHz	16QAM	20450	50RB#0	-36.25,-29.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	-59.21,-45.78	PASS
Band5	10MHz	16QAM	20600	1RB#49	-31.65,-47.89	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.05,-37.25	PASS
Band7	5MHz	QPSK	20775	1RB#0	-49.94,-47.47,-43.78,-33.51	PASS
Band7	5MHz	QPSK	20775	1RB#24	-50.35,-39.70,-39.75,-60.81	PASS
Band7	5MHz	QPSK	20775	25RB#0	-46.13,-41.42,-35.88,-40.78	PASS
Band7	5MHz	QPSK	21425	1RB#0	-60.87,-40.72,-49.80,-50.28	PASS
Band7	5MHz	QPSK	21425	1RB#24	-35.56,-44.07,-49.65,-50.22	PASS
Band7	5MHz	QPSK	21425	25RB#0	-40.58,-35.50,-46.39,-47.12	PASS

Band7	5MHz	16QAM	20775	1RB#0	-50.08,-47.80,-44.16,-38.26	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.36,-40.92,-40.78,-61.05	PASS
Band7	5MHz	16QAM	20775	25RB#0	-47.05,-43.27,-35.75,-41.84	PASS
Band7	5MHz	16QAM	21425	1RB#0	-60.91,-41.82,-49.94,-50.35	PASS
Band7	5MHz	16QAM	21425	1RB#24	-36.33,-44.69,-49.66,-50.24	PASS
Band7	5MHz	16QAM	21425	25RB#0	-41.01,-35.55,-46.25,-47.73	PASS
Band7	20MHz	QPSK	20850	1RB#0	-49.40,-47.48,-46.30	PASS
Band7	20MHz	QPSK	20850	1RB#99	-49.40,-49.47,-63.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	-45.68,-43.21,-41.15,-44.35	PASS
Band7	20MHz	QPSK	21350	1RB#0	-63.56,-49.28,-40.97,-51.01	PASS
Band7	20MHz	QPSK	21350	1RB#99	-47.63,-47.85,-48.95,-51.02	PASS
Band7	20MHz	QPSK	21350	100RB#0	-43.65,-40.36,-42.80,-50.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	-49.45,-47.66,-45.83	PASS
Band7	20MHz	16QAM	20850	1RB#99	-49.57,-49.49,-64.10	PASS
Band7	20MHz	16QAM	20850	100RB#0	-46.01,-43.18,-41.10,-44.54	PASS
Band7	20MHz	16QAM	21350	1RB#0	-64.26,-49.28,-43.21,-50.97	PASS
Band7	20MHz	16QAM	21350	1RB#99	-48.49,-47.92,-49.24,-51.04	PASS
Band7	20MHz	16QAM	21350	100RB#0	-44.38,-40.50,-42.70,-50.17	PASS
Band41	5MHz	QPSK	40065	1RB#0	-50.73,-50.01,-45.87,-37.33	PASS
Band41	5MHz	QPSK	40065	1RB#24	-50.76,-50.02,-36.59,-59.88	PASS
Band41	5MHz	QPSK	40065	25RB#0	-45.53,-45.31,-36.41,-43.31	PASS
Band41	5MHz	QPSK	41215	1RB#0	-61.25,-36.88,-50.03,-50.40	PASS
Band41	5MHz	QPSK	41215	1RB#24	-35.44,-43.58,-49.78,-50.21	PASS
Band41	5MHz	QPSK	41215	25RB#0	-41.02,-35.46,-45.57,-45.76	PASS
Band41	5MHz	16QAM	40065	1RB#0	-50.64,-50.01,-45.97,-35.99	PASS
Band41	5MHz	16QAM	40065	1RB#24	-50.83,-50.25,-38.00,-60.99	PASS
Band41	5MHz	16QAM	40065	25RB#0	-46.70,-45.02,-37.92,-43.73	PASS
Band41	5MHz	16QAM	41215	1RB#0	-62.95,-39.71,-49.91,-50.41	PASS
Band41	5MHz	16QAM	41215	1RB#24	-37.49,-45.05,-49.81,-50.24	PASS
Band41	5MHz	16QAM	41215	25RB#0	-42.67,-35.22,-45.05,-45.92	PASS
Band41	20MHz	QPSK	40140	1RB#0	-51.25,-49.99,-48.74,-45.53	PASS
Band41	20MHz	QPSK	40140	1RB#99	-51.23,-41.63,-49.85,-65.08	PASS
Band41	20MHz	QPSK	40140	100RB#0	-50.78,-45.17,-43.14,-47.26	PASS
Band41	20MHz	QPSK	41140	1RB#0	-66.70,-50.07,-40.62,-51.27	PASS
Band41	20MHz	QPSK	41140	1RB#99	-47.47,-48.98,-49.00,-51.27	PASS
Band41	20MHz	QPSK	41140	100RB#0	-45.55,-41.32,-43.93,-50.34	PASS
Band41	20MHz	16QAM	40140	1RB#0	-51.28,-50.07,-48.82,-51.90	PASS
Band41	20MHz	16QAM	40140	1RB#99	-51.27,-44.15,-49.82,-64.73	PASS
Band41	20MHz	16QAM	40140	100RB#0	-50.93,-45.50,-43.13,-47.65	PASS
Band41	20MHz	16QAM	41140	1RB#0	-66.47,-50.08,-43.16,-51.27	PASS
Band41	20MHz	16QAM	41140	1RB#99	-50.64,-49.19,-49.51,-51.30	PASS
Band41	20MHz	16QAM	41140	100RB#0	-46.31,-42.25,-44.24,-50.27	PASS

Remark: All bandwidth and all modulation had been tested, but only the worst case data displayed in this report.

Test Graphs





















