













Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-31.34,-31.34	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-31.81,-42.89	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-30.30,-33.44	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-39.24,-28.29	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-29.74,-31.84	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-27.80,-28.41	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-32.39,-33.22	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-33.43,-43.86	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-31.56,-34.46	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-40.58,-31.08	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-31.55,-32.70	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-29.48,-29.63	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.09,-40.29	PASS
Band2	20MHz	QPSK	18700	1RB#99	-40.94,-59.18	PASS
Band2	20MHz	QPSK	18700	100RB#0	-31.97,-35.36	PASS
Band2	20MHz	QPSK	19100	1RB#0	-61.39,-51.68	PASS
Band2	20MHz	QPSK	19100	1RB#99	-38.76,-44.39	PASS
Band2	20MHz	QPSK	19100	100RB#0	-30.54,-27.47	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.16,-39.88	PASS
Band2	20MHz	16QAM	18700	1RB#99	-42.98,-59.62	PASS
Band2	20MHz	16QAM	18700	100RB#0	-34.01,-37.24	PASS
Band2	20MHz	16QAM	19100	1RB#0	-61.22,-52.15	PASS
Band2	20MHz	16QAM	19100	1RB#99	-39.83,-45.57	PASS
Band2	20MHz	16QAM	19100	100RB#0	-33.70,-30.90	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-50.46,-27.97	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-56.82,-49.25	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-36.46,-28.86	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-47.60,-57.31	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-34.07,-53.77	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-42.60,-43.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-51.44,-30.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-56.75,-49.17	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-38.66,-31.62	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-45.92,-57.58	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-36.17,-54.86	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-40.96,-42.77	PASS

Band5	10MHz	QPSK	20450	1RB#0	-53.89,-33.28	PASS
Band5	10MHz	QPSK	20450	1RB#49	-53.31,-51.15	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.26,-34.24	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.90,-48.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	-33.40,-56.78	PASS
Band5	10MHz	QPSK	20600	50RB#0	-35.03,-43.05	PASS
Band5	10MHz	16QAM	20450	1RB#0	-56.56,-33.90	PASS
Band5	10MHz	16QAM	20450	1RB#49	-53.04,-52.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	-42.92,-36.10	PASS
Band5	10MHz	16QAM	20600	1RB#0	-54.46,-46.91	PASS
Band5	10MHz	16QAM	20600	1RB#49	-34.65,-57.77	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.52,-43.50	PASS
Band7	5MHz	QPSK	20775	1RB#0	-40.11,-36.16,-28.87,-38.15	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.64,-38.58,-38.83,-46.25	PASS
Band7	5MHz	QPSK	20775	25RB#0	-39.87,-35.94,-28.91,-31.71	PASS
Band7	5MHz	QPSK	21425	1RB#0	-44.29,-39.10,-49.14,-49.69	PASS
Band7	5MHz	QPSK	21425	1RB#24	-25.96,-38.31,-47.96,-46.51	PASS
Band7	5MHz	QPSK	21425	25RB#0	-26.66,-22.60,-36.08,-39.10	PASS
Band7	5MHz	16QAM	20775	1RB#0	-47.87,-39.27,-39.47,-26.26	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.68,-39.46,-39.15,-45.50	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.59,-36.83,-30.29,-32.91	PASS
Band7	5MHz	16QAM	21425	1RB#0	-45.54,-42.04,-49.70,-49.93	PASS
Band7	5MHz	16QAM	21425	1RB#24	-25.13,-40.20,-48.32,-48.10	PASS
Band7	5MHz	16QAM	21425	25RB#0	-28.75,-26.62,-38.37,-40.27	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.03,-42.32,-36.78	PASS
Band7	20MHz	QPSK	20850	1RB#99	-39.35,-47.70,-56.68	PASS
Band7	20MHz	QPSK	20850	100RB#0	-36.42,-32.32,-31.19,-33.93	PASS
Band7	20MHz	QPSK	21350	1RB#0	-57.80,-47.13,-39.04,-51.10	PASS
Band7	20MHz	QPSK	21350	1RB#99	-35.67,-42.56,-38.72,-51.25	PASS
Band7	20MHz	QPSK	21350	100RB#0	-31.04,-28.30,-29.65,-43.54	PASS
Band7	20MHz	16QAM	20850	1RB#0	-37.75,-43.42,-37.59	PASS
Band7	20MHz	16QAM	20850	1RB#99	-40.20,-48.37,-57.93	PASS
Band7	20MHz	16QAM	20850	100RB#0	-38.40,-34.58,-33.44,-36.42	PASS
Band7	20MHz	16QAM	21350	1RB#0	-58.03,-47.49,-39.40,-51.12	PASS
Band7	20MHz	16QAM	21350	1RB#99	-36.97,-43.30,-39.40,-51.24	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.05,-30.28,-31.41,-45.15	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-31.59,-24.99	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-38.95,-45.73	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-28.74,-32.15	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-45.85,-38.71	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-24.91,-31.87	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-33.29,-30.05	PASS

Band12	1.4MHz	16QAM	23017	1RB#0	-32.30,-27.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-39.42,-46.03	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-27.65,-31.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-47.61,-38.79	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-30.27,-35.18	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-32.39,-28.60	PASS
Band12	10MHz	QPSK	23060	1RB#0	-43.42,-34.68	PASS
Band12	10MHz	QPSK	23060	1RB#49	-46.14,-53.52	PASS
Band12	10MHz	QPSK	23060	50RB#0	-37.37,-40.61	PASS
Band12	10MHz	QPSK	23130	1RB#0	-53.95,-57.41	PASS
Band12	10MHz	QPSK	23130	1RB#49	-33.82,-42.76	PASS
Band12	10MHz	QPSK	23130	50RB#0	-40.52,-38.00	PASS
Band12	10MHz	16QAM	23060	1RB#0	-45.81,-35.89	PASS
Band12	10MHz	16QAM	23060	1RB#49	-47.46,-53.89	PASS
Band12	10MHz	16QAM	23060	50RB#0	-36.74,-39.98	PASS
Band12	10MHz	16QAM	23130	1RB#0	-55.06,-58.52	PASS
Band12	10MHz	16QAM	23130	1RB#49	-34.54,-44.43	PASS
Band12	10MHz	16QAM	23130	50RB#0	-39.91,-36.59	PASS
Band17	5MHz	QPSK	23755	1RB#0	-38.36,-28.87	PASS
Band17	5MHz	QPSK	23755	1RB#24	-38.98,-46.70	PASS
Band17	5MHz	QPSK	23755	25RB#0	-34.97,-35.90	PASS
Band17	5MHz	QPSK	23825	1RB#0	-46.86,-41.19	PASS
Band17	5MHz	QPSK	23825	1RB#24	-27.85,-36.33	PASS
Band17	5MHz	QPSK	23825	25RB#0	-36.32,-35.21	PASS
Band17	5MHz	16QAM	23755	1RB#0	-40.98,-30.93	PASS
Band17	5MHz	16QAM	23755	1RB#24	-40.70,-48.42	PASS
Band17	5MHz	16QAM	23755	25RB#0	-33.96,-35.90	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.68,-41.18	PASS
Band17	5MHz	16QAM	23825	1RB#24	-29.10,-38.24	PASS
Band17	5MHz	16QAM	23825	25RB#0	-36.16,-34.41	PASS
Band17	10MHz	QPSK	23780	1RB#0	-44.29,-35.10	PASS
Band17	10MHz	QPSK	23780	1RB#49	-38.05,-52.94	PASS
Band17	10MHz	QPSK	23780	50RB#0	-37.97,-41.07	PASS
Band17	10MHz	QPSK	23800	1RB#0	-54.12,-57.46	PASS
Band17	10MHz	QPSK	23800	1RB#49	-33.57,-42.82	PASS
Band17	10MHz	QPSK	23800	50RB#0	-40.36,-38.06	PASS
Band17	10MHz	16QAM	23780	1RB#0	-46.09,-36.31	PASS
Band17	10MHz	16QAM	23780	1RB#49	-38.89,-53.30	PASS
Band17	10MHz	16QAM	23780	50RB#0	-37.25,-40.48	PASS
Band17	10MHz	16QAM	23800	1RB#0	-54.90,-58.49	PASS
Band17	10MHz	16QAM	23800	1RB#49	-35.00,-44.66	PASS
Band17	10MHz	16QAM	23800	50RB#0	-40.23,-36.79	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	-31.49,-29.48	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-36.76,-49.47	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.05,-34.08	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-44.48,-33.15	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-28.32,-30.69	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-29.27,-27.05	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-32.43,-31.30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-37.19,-49.05	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-29.46,-35.12	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-44.66,-33.77	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-28.49,-30.43	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-32.34,-29.08	PASS
Band66	20MHz	QPSK	132072	1RB#0	-44.92,-40.20	PASS
Band66	20MHz	QPSK	132072	1RB#99	-42.13,-58.34	PASS
Band66	20MHz	QPSK	132072	100RB#0	-35.88,-38.25	PASS
Band66	20MHz	QPSK	132572	1RB#0	-60.95,-41.93	PASS
Band66	20MHz	QPSK	132572	1RB#99	-39.01,-40.40	PASS
Band66	20MHz	QPSK	132572	100RB#0	-32.84,-29.47	PASS
Band66	20MHz	16QAM	132072	1RB#0	-45.88,-40.17	PASS
Band66	20MHz	16QAM	132072	1RB#99	-43.13,-58.96	PASS
Band66	20MHz	16QAM	132072	100RB#0	-35.16,-38.08	PASS
Band66	20MHz	16QAM	132572	1RB#0	-61.42,-43.88	PASS
Band66	20MHz	16QAM	132572	1RB#99	-40.09,-44.82	PASS
Band66	20MHz	16QAM	132572	100RB#0	-35.15,-32.71	PASS

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

Test Graphs







