









Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-30.66,-24.22	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-28.73,-36.60	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-29.71,-29.66	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-44.30,-35.22	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.27,-31.07	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-26.21,-28.54	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-32.04,-26.12	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-30.98,-39.04	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-30.84,-31.43	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-46.12,-36.97	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.53,-33.03	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.28,-30.90	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.44,-39.03	PASS
Band2	20MHz	QPSK	18700	1RB#99	-30.79,-57.67	PASS
Band2	20MHz	QPSK	18700	100RB#0	-33.89,-35.84	PASS
Band2	20MHz	QPSK	19100	1RB#0	-60.46,-50.10	PASS
Band2	20MHz	QPSK	19100	1RB#99	-36.59,-44.59	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.75,-31.44	PASS
Band2	20MHz	16QAM	18700	1RB#0	-45.09,-39.30	PASS
Band2	20MHz	16QAM	18700	1RB#99	-33.02,-59.57	PASS
Band2	20MHz	16QAM	18700	100RB#0	-36.04,-38.38	PASS
Band2	20MHz	16QAM	19100	1RB#0	-61.74,-50.41	PASS
Band2	20MHz	16QAM	19100	1RB#99	-39.41,-45.27	PASS
Band2	20MHz	16QAM	19100	100RB#0	-36.13,-33.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-36.28,-20.39	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-23.69,-31.61	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.42,-26.78	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-36.70,-28.85	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-21.56,-31.01	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.11,-29.61	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-37.75,-22.82	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-26.19,-34.96	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.76,-28.22	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-38.32,-30.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-26.93,-33.19	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.07,-31.66	PASS

Band4	20MHz	QPSK	20050	1RB#0	-44.88,-39.08	PASS
Band4	20MHz	QPSK	20050	1RB#99	-31.95,-59.65	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.89,-35.41	PASS
Band4	20MHz	QPSK	20300	1RB#0	-57.12,-26.82	PASS
Band4	20MHz	QPSK	20300	1RB#99	-39.70,-44.54	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.85,-32.40	PASS
Band4	20MHz	16QAM	20050	1RB#0	-45.37,-39.12	PASS
Band4	20MHz	16QAM	20050	1RB#99	-34.26,-61.38	PASS
Band4	20MHz	16QAM	20050	100RB#0	-34.69,-37.30	PASS
Band4	20MHz	16QAM	20300	1RB#0	-58.52,-29.29	PASS
Band4	20MHz	16QAM	20300	1RB#99	-41.29,-45.18	PASS
Band4	20MHz	16QAM	20300	100RB#0	-36.77,-33.76	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-43.80,-26.10	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-52.11,-47.54	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-37.51,-30.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-48.06,-53.61	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.56,-42.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.98,-37.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-45.22,-25.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.59,-49.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-40.28,-31.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-50.26,-53.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-26.08,-44.24	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.45,-40.53	PASS
Band5	10MHz	QPSK	20450	1RB#0	-49.74,-31.49	PASS
Band5	10MHz	QPSK	20450	1RB#49	-53.74,-59.27	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.88,-35.42	PASS
Band5	10MHz	QPSK	20600	1RB#0	-60.38,-57.80	PASS
Band5	10MHz	QPSK	20600	1RB#49	-34.61,-54.27	PASS
Band5	10MHz	QPSK	20600	50RB#0	-36.07,-42.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	-50.39,-34.59	PASS
Band5	10MHz	16QAM	20450	1RB#49	-54.62,-61.50	PASS
Band5	10MHz	16QAM	20450	50RB#0	-43.25,-37.10	PASS
Band5	10MHz	16QAM	20600	1RB#0	-60.14,-58.01	PASS
Band5	10MHz	16QAM	20600	1RB#49	-32.00,-54.28	PASS
Band5	10MHz	16QAM	20600	50RB#0	-36.47,-42.67	PASS
Band7	5MHz	QPSK	20775	1RB#0	-49.39,-44.77,-38.05,-24.12	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.78,-43.58,-43.38,-54.63	PASS
Band7	5MHz	QPSK	20775	25RB#0	-39.35,-33.11,-27.73,-30.46	PASS
Band7	5MHz	QPSK	21425	1RB#0	-53.23,-43.33,-47.71,-50.04	PASS
Band7	5MHz	QPSK	21425	1RB#24	-23.18,-37.20,-48.34,-49.49	PASS
Band7	5MHz	QPSK	21425	25RB#0	-24.87,-21.44,-34.38,-38.34	PASS

Band7	5MHz	16QAM	20775	1RB#0	-49.62,-45.77,-39.08,-25.41	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.97,-43.42,-43.43,-55.60	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.91,-35.49,-28.14,-32.39	PASS
Band7	5MHz	16QAM	21425	1RB#0	-55.30,-42.97,-47.76,-49.99	PASS
Band7	5MHz	16QAM	21425	1RB#24	-24.83,-38.70,-48.54,-49.72	PASS
Band7	5MHz	16QAM	21425	25RB#0	-28.26,-25.75,-35.41,-38.80	PASS
Band7	20MHz	QPSK	20850	1RB#0	-49.75,-46.84,-42.81,-38.09	PASS
Band7	20MHz	QPSK	20850	1RB#99	-49.86,-48.28,-48.42,-60.24	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.40,-33.96,-32.30,-35.36	PASS
Band7	20MHz	QPSK	21350	1RB#0	-59.23,-48.71,-48.62,-51.05	PASS
Band7	20MHz	QPSK	21350	1RB#99	-38.58,-42.64,-47.25,-51.08	PASS
Band7	20MHz	QPSK	21350	100RB#0	-32.14,-29.44,-31.36,-50.24	PASS
Band7	20MHz	16QAM	20850	1RB#0	-50.02,-47.58,-43.29,-38.97	PASS
Band7	20MHz	16QAM	20850	1RB#99	-50.05,-48.59,-48.56,-61.28	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.34,-35.31,-34.33,-37.21	PASS
Band7	20MHz	16QAM	21350	1RB#0	-59.84,-48.74,-48.71,-51.13	PASS
Band7	20MHz	16QAM	21350	1RB#99	-37.09,-43.25,-47.80,-51.09	PASS
Band7	20MHz	16QAM	21350	100RB#0	-34.83,-32.46,-34.58,-50.71	PASS
Band17	5MHz	QPSK	23755	1RB#0	-35.29,-24.01	PASS
Band17	5MHz	QPSK	23755	1RB#24	-50.68,-49.09	PASS
Band17	5MHz	QPSK	23755	25RB#0	-32.75,-33.13	PASS
Band17	5MHz	QPSK	23825	1RB#0	-50.12,-52.49	PASS
Band17	5MHz	QPSK	23825	1RB#24	-24.38,-34.33	PASS
Band17	5MHz	QPSK	23825	25RB#0	-35.75,-35.58	PASS
Band17	5MHz	16QAM	23755	1RB#0	-37.82,-24.22	PASS
Band17	5MHz	16QAM	23755	1RB#24	-51.30,-50.35	PASS
Band17	5MHz	16QAM	23755	25RB#0	-33.76,-33.74	PASS
Band17	5MHz	16QAM	23825	1RB#0	-51.76,-53.07	PASS
Band17	5MHz	16QAM	23825	1RB#24	-24.77,-35.62	PASS
Band17	5MHz	16QAM	23825	25RB#0	-36.32,-36.47	PASS
Band17	10MHz	QPSK	23780	1RB#0	-40.46,-30.96	PASS
Band17	10MHz	QPSK	23780	1RB#49	-52.77,-57.79	PASS
Band17	10MHz	QPSK	23780	50RB#0	-35.86,-38.53	PASS
Band17	10MHz	QPSK	23800	1RB#0	-58.34,-53.88	PASS
Band17	10MHz	QPSK	23800	1RB#49	-30.91,-39.54	PASS
Band17	10MHz	QPSK	23800	50RB#0	-39.75,-37.24	PASS
Band17	10MHz	16QAM	23780	1RB#0	-42.27,-31.89	PASS
Band17	10MHz	16QAM	23780	1RB#49	-54.55,-58.99	PASS
Band17	10MHz	16QAM	23780	50RB#0	-37.19,-38.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	-58.63,-54.82	PASS
Band17	10MHz	16QAM	23800	1RB#49	-31.88,-42.32	PASS
Band17	10MHz	16QAM	23800	50RB#0	-39.82,-37.48	PASS

Band38	5MHz	QPSK	37775	1RB#0	-50.23,-49.41,-40.48,-29.92	PASS
Band38	5MHz	QPSK	37775	1RB#24	-50.56,-48.89,-44.36,-53.60	PASS
Band38	5MHz	QPSK	37775	25RB#0	-41.36,-39.23,-32.01,-33.56	PASS
Band38	5MHz	QPSK	38225	1RB#0	-53.85,-44.58,-48.75,-50.78	PASS
Band38	5MHz	QPSK	38225	1RB#24	-28.12,-39.64,-49.73,-50.42	PASS
Band38	5MHz	QPSK	38225	25RB#0	-31.78,-30.33,-39.40,-42.31	PASS
Band38	5MHz	16QAM	37775	1RB#0	-50.34,-49.87,-42.64,-30.50	PASS
Band38	5MHz	16QAM	37775	1RB#24	-50.78,-48.51,-43.86,-57.62	PASS
Band38	5MHz	16QAM	37775	25RB#0	-43.88,-40.99,-32.32,-34.69	PASS
Band38	5MHz	16QAM	38225	1RB#0	-57.66,-44.77,-49.07,-50.80	PASS
Band38	5MHz	16QAM	38225	1RB#24	-32.14,-42.34,-49.98,-50.11	PASS
Band38	5MHz	16QAM	38225	25RB#0	-34.76,-32.31,-41.13,-44.51	PASS
Band38	20MHz	QPSK	37850	1RB#0	-51.33,-48.21,-44.99,-42.89	PASS
Band38	20MHz	QPSK	37850	1RB#99	-51.35,-49.05,-49.17,-62.03	PASS
Band38	20MHz	QPSK	37850	100RB#0	-43.09,-34.67,-33.62,-34.84	PASS
Band38	20MHz	QPSK	38150	1RB#0	-59.90,-49.46,-49.10,-51.06	PASS
Band38	20MHz	QPSK	38150	1RB#99	-42.15,-45.55,-48.37,-51.02	PASS
Band38	20MHz	QPSK	38150	100RB#0	-32.86,-31.51,-32.70,-42.59	PASS
Band38	20MHz	16QAM	37850	1RB#0	-51.42,-48.44,-46.41,-41.89	PASS
Band38	20MHz	16QAM	37850	1RB#99	-51.38,-48.22,-49.20,-62.48	PASS
Band38	20MHz	16QAM	37850	100RB#0	-45.25,-38.25,-36.58,-37.05	PASS
Band38	20MHz	16QAM	38150	1RB#0	-61.82,-49.69,-49.11,-51.06	PASS
Band38	20MHz	16QAM	38150	1RB#99	-42.03,-46.13,-48.34,-51.01	PASS
Band38	20MHz	16QAM	38150	100RB#0	-35.85,-34.28,-35.86,-46.66	PASS
Band41	5MHz	QPSK	40065	1RB#0	-50.31,-49.54,-40.85,-28.27	PASS
Band41	5MHz	QPSK	40065	1RB#24	-50.62,-49.05,-44.41,-54.28	PASS
Band41	5MHz	QPSK	40065	25RB#0	-41.75,-39.68,-30.95,-33.89	PASS
Band41	5MHz	QPSK	41215	1RB#0	-53.68,-45.74,-48.77,-50.43	PASS
Band41	5MHz	QPSK	41215	1RB#24	-28.63,-40.87,-49.50,-50.07	PASS
Band41	5MHz	QPSK	41215	25RB#0	-30.86,-31.59,-39.85,-41.70	PASS
Band41	5MHz	16QAM	40065	1RB#0	-50.37,-49.37,-42.30,-27.38	PASS
Band41	5MHz	16QAM	40065	1RB#24	-50.68,-48.97,-44.03,-55.18	PASS
Band41	5MHz	16QAM	40065	25RB#0	-43.13,-41.29,-32.11,-34.91	PASS
Band41	5MHz	16QAM	41215	1RB#0	-56.63,-45.41,-49.34,-50.37	PASS
Band41	5MHz	16QAM	41215	1RB#24	-28.83,-41.43,-49.57,-49.94	PASS
Band41	5MHz	16QAM	41215	25RB#0	-34.97,-32.69,-42.19,-44.58	PASS
Band41	20MHz	QPSK	40140	1RB#0	-51.17,-47.31,-44.99,-41.60	PASS
Band41	20MHz	QPSK	40140	1RB#99	-51.15,-48.64,-49.44,-60.87	PASS
Band41	20MHz	QPSK	40140	100RB#0	-44.11,-37.59,-36.13,-36.83	PASS
Band41	20MHz	QPSK	41140	1RB#0	-63.48,-49.73,-49.50,-51.26	PASS
Band41	20MHz	QPSK	41140	1RB#99	-41.11,-45.70,-48.32,-51.28	PASS
Band41	20MHz	QPSK	41140	100RB#0	-37.22,-35.58,-38.44,-44.44	PASS

Band41	20MHz	16QAM	40140	1RB#0	-51.17,-48.47,-45.51,-41.82	PASS
Band41	20MHz	16QAM	40140	1RB#99	-51.11,-48.33,-49.24,-61.10	PASS
Band41	20MHz	16QAM	40140	100RB#0	-45.72,-38.29,-36.22,-38.97	PASS
Band41	20MHz	16QAM	41140	1RB#0	-63.16,-49.97,-49.24,-51.33	PASS
Band41	20MHz	16QAM	41140	1RB#99	-42.49,-45.55,-48.92,-51.30	PASS
Band41	20MHz	16QAM	41140	100RB#0	-37.79,-37.04,-39.21,-47.24	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-37.33,-24.21	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-24.35,-31.66	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-29.64,-29.72	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-33.09,-25.58	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-24.88,-33.42	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-28.91,-29.25	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-38.14,-25.17	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-26.53,-34.31	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-31.02,-30.01	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-35.49,-27.47	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-24.44,-34.88	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-30.06,-30.51	PASS
Band66	20MHz	QPSK	132072	1RB#0	-45.04,-39.67	PASS
Band66	20MHz	QPSK	132072	1RB#99	-35.35,-59.52	PASS
Band66	20MHz	QPSK	132072	100RB#0	-33.70,-36.92	PASS
Band66	20MHz	QPSK	132572	1RB#0	-59.30,-33.01	PASS
Band66	20MHz	QPSK	132572	1RB#99	-38.29,-44.88	PASS
Band66	20MHz	QPSK	132572	100RB#0	-38.11,-34.56	PASS
Band66	20MHz	16QAM	132072	1RB#0	-45.79,-38.60	PASS
Band66	20MHz	16QAM	132072	1RB#99	-37.51,-60.61	PASS
Band66	20MHz	16QAM	132072	100RB#0	-34.23,-37.40	PASS
Band66	20MHz	16QAM	132572	1RB#0	-61.56,-34.27	PASS
Band66	20MHz	16QAM	132572	1RB#99	-40.25,-45.41	PASS
Band66	20MHz	16QAM	132572	100RB#0	-38.53,-35.53	PASS

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

Test Graphs

























