

















Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-37.71,-21.40	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-30.88,-40.00	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-23.34,-23.50	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-40.58,-31.68	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-24.18,-38.65	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-28.28,-26.96	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-39.44,-26.80	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-33.38,-41.38	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-25.82,-26.41	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-40.47,-32.85	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.62,-39.74	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-30.30,-27.12	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-40.66,-24.68	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	-32.71,-40.10	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-27.67,-28.46	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	-41.30,-34.47	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-26.21,-41.09	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-31.50,-28.27	PASS
Band2	20MHz	QPSK	18700	1RB#0	-44.37,-40.51	PASS
Band2	20MHz	QPSK	18700	1RB#99	-47.20,-59.58	PASS
Band2	20MHz	QPSK	18700	100RB#0	-26.78,-30.83	PASS
Band2	20MHz	QPSK	19100	1RB#0	-61.54,-47.20	PASS
Band2	20MHz	QPSK	19100	1RB#99	-40.65,-44.21	PASS
Band2	20MHz	QPSK	19100	100RB#0	-26.74,-22.79	PASS
Band2	20MHz	16QAM	18700	1RB#0	-44.47,-39.71	PASS
Band2	20MHz	16QAM	18700	1RB#99	-47.06,-60.23	PASS
Band2	20MHz	16QAM	18700	100RB#0	-28.32,-32.28	PASS
Band2	20MHz	16QAM	19100	1RB#0	-60.98,-47.99	PASS
Band2	20MHz	16QAM	19100	1RB#99	-40.25,-45.20	PASS
Band2	20MHz	16QAM	19100	100RB#0	-28.83,-25.09	PASS
Band2	20MHz	64QAM	18700	1RB#0	-45.84,-41.88	PASS
Band2	20MHz	64QAM	18700	1RB#99	-47.86,-61.94	PASS
Band2	20MHz	64QAM	18700	100RB#0	-29.48,-33.45	PASS
Band2	20MHz	64QAM	19100	1RB#0	-62.16,-48.70	PASS
Band2	20MHz	64QAM	19100	1RB#99	-40.48,-46.03	PASS
Band2	20MHz	64QAM	19100	100RB#0	-31.91,-28.16	PASS

Band4	1.4MHz	QPSK	19957	1RB#0	-38.62,-27.33	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-27.32,-34.70	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-30.14,-31.99	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-36.21,-28.62	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-28.05,-37.23	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.19,-29.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-39.21,-25.20	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-30.18,-38.14	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.43,-32.31	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-38.21,-31.71	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-24.90,-38.26	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-32.95,-28.77	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	-40.04,-28.75	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	-32.12,-36.90	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	-30.48,-33.72	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	-35.59,-31.95	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	-29.59,-38.86	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	-33.32,-29.81	PASS
Band4	20MHz	QPSK	20050	1RB#0	-43.87,-39.97	PASS
Band4	20MHz	QPSK	20050	1RB#99	-34.87,-58.01	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.20,-32.35	PASS
Band4	20MHz	QPSK	20300	1RB#0	-59.92,-31.75	PASS
Band4	20MHz	QPSK	20300	1RB#99	-39.40,-43.73	PASS
Band4	20MHz	QPSK	20300	100RB#0	-39.32,-35.67	PASS
Band4	20MHz	16QAM	20050	1RB#0	-44.25,-38.61	PASS
Band4	20MHz	16QAM	20050	1RB#99	-37.76,-58.29	PASS
Band4	20MHz	16QAM	20050	100RB#0	-29.77,-33.84	PASS
Band4	20MHz	16QAM	20300	1RB#0	-60.02,-35.03	PASS
Band4	20MHz	16QAM	20300	1RB#99	-37.04,-44.86	PASS
Band4	20MHz	16QAM	20300	100RB#0	-39.95,-36.11	PASS
Band4	20MHz	64QAM	20050	1RB#0	-45.04,-41.79	PASS
Band4	20MHz	64QAM	20050	1RB#99	-38.99,-58.32	PASS
Band4	20MHz	64QAM	20050	100RB#0	-30.72,-34.92	PASS
Band4	20MHz	64QAM	20300	1RB#0	-60.98,-35.12	PASS
Band4	20MHz	64QAM	20300	1RB#99	-40.45,-45.85	PASS
Band4	20MHz	64QAM	20300	100RB#0	-40.56,-36.83	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-48.65,-26.02	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-51.67,-38.87	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-40.47,-33.40	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-40.00,-52.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-23.37,-50.77	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-30.94,-40.89	PASS

Band5	1.4MHz	16QAM	20407	1RB#0	-49.40,-30.76	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.71,-41.66	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-41.29,-34.21	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-41.80,-52.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-28.66,-50.86	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-34.29,-41.11	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-49.88,-31.37	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	-51.99,-42.58	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-42.11,-35.91	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	-43.37,-53.09	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-26.96,-51.12	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-36.19,-42.26	PASS
Band5	10MHz	QPSK	20450	1RB#0	-43.68,-31.38	PASS
Band5	10MHz	QPSK	20450	1RB#49	-35.90,-58.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	-39.85,-33.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	-58.29,-54.81	PASS
Band5	10MHz	QPSK	20600	1RB#49	-31.77,-51.97	PASS
Band5	10MHz	QPSK	20600	50RB#0	-35.72,-42.93	PASS
Band5	10MHz	16QAM	20450	1RB#0	-44.61,-35.33	PASS
Band5	10MHz	16QAM	20450	1RB#49	-38.00,-58.24	PASS
Band5	10MHz	16QAM	20450	50RB#0	-42.27,-36.13	PASS
Band5	10MHz	16QAM	20600	1RB#0	-58.07,-54.89	PASS
Band5	10MHz	16QAM	20600	1RB#49	-34.48,-52.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	-38.13,-45.02	PASS
Band5	10MHz	64QAM	20450	1RB#0	-45.24,-33.36	PASS
Band5	10MHz	64QAM	20450	1RB#49	-40.17,-59.65	PASS
Band5	10MHz	64QAM	20450	50RB#0	-44.91,-38.41	PASS
Band5	10MHz	64QAM	20600	1RB#0	-59.78,-55.82	PASS
Band5	10MHz	64QAM	20600	1RB#49	-35.04,-53.58	PASS
Band5	10MHz	64QAM	20600	50RB#0	-40.39,-46.94	PASS
Band7	5MHz	QPSK	20775	1RB#0	-48.55,-44.71,-40.75,-31.75	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.94,-33.16,-33.14,-58.62	PASS
Band7	5MHz	QPSK	20775	25RB#0	-37.06,-31.94,-23.90,-30.10	PASS
Band7	5MHz	QPSK	21425	1RB#0	-56.76,-33.36,-48.89,-50.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	-28.87,-40.70,-48.41,-49.71	PASS
Band7	5MHz	QPSK	21425	25RB#0	-30.50,-24.17,-38.03,-38.38	PASS
Band7	5MHz	16QAM	20775	1RB#0	-49.46,-45.87,-41.54,-30.22	PASS
Band7	5MHz	16QAM	20775	1RB#24	-50.08,-34.01,-33.82,-58.42	PASS
Band7	5MHz	16QAM	20775	25RB#0	-38.74,-34.02,-24.59,-31.77	PASS
Band7	5MHz	16QAM	21425	1RB#0	-57.09,-35.93,-48.94,-49.98	PASS
Band7	5MHz	16QAM	21425	1RB#24	-32.29,-41.13,-48.31,-49.81	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.42,-23.78,-38.10,-41.18	PASS

Band7	5MHz	64QAM	20775	1RB#0	-49.82,-45.87,-42.51,-31.55	PASS
Band7	5MHz	64QAM	20775	1RB#24	-50.25,-36.54,-36.79,-59.47	PASS
Band7	5MHz	64QAM	20775	25RB#0	-41.21,-35.43,-25.48,-32.34	PASS
Band7	5MHz	64QAM	21425	1RB#0	-58.98,-36.31,-49.23,-50.10	PASS
Band7	5MHz	64QAM	21425	1RB#24	-31.33,-41.98,-48.77,-49.85	PASS
Band7	5MHz	64QAM	21425	25RB#0	-31.49,-24.74,-40.36,-43.45	PASS
Band7	20MHz	QPSK	20850	1RB#0	-47.27,-45.23,-43.28	PASS
Band7	20MHz	QPSK	20850	1RB#99	-46.52,-49.07,-63.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.35,-32.46,-30.79,-34.97	PASS
Band7	20MHz	QPSK	21350	1RB#0	-61.06,-46.76,-34.50,-50.52	PASS
Band7	20MHz	QPSK	21350	1RB#99	-40.98,-45.09,-48.08,-50.48	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.73,-27.32,-31.25,-45.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	-47.37,-45.72,-42.44	PASS
Band7	20MHz	16QAM	20850	1RB#99	-47.22,-48.97,-64.02	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.05,-33.85,-32.27,-36.17	PASS
Band7	20MHz	16QAM	21350	1RB#0	-61.62,-46.76,-38.20,-50.48	PASS
Band7	20MHz	16QAM	21350	1RB#99	-43.61,-45.54,-48.32,-50.49	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.08,-28.25,-31.42,-44.67	PASS
Band7	20MHz	64QAM	20850	1RB#0	-47.83,-46.36,-45.10	PASS
Band7	20MHz	64QAM	20850	1RB#99	-47.46,-49.32,-64.08	PASS
Band7	20MHz	64QAM	20850	100RB#0	-36.56,-34.95,-33.61,-37.42	PASS
Band7	20MHz	64QAM	21350	1RB#0	-61.64,-47.27,-39.41,-50.59	PASS
Band7	20MHz	64QAM	21350	1RB#99	-43.59,-46.18,-46.59,-50.54	PASS
Band7	20MHz	64QAM	21350	100RB#0	-33.02,-29.49,-32.72,-45.75	PASS
Band17	5MHz	QPSK	23755	1RB#0	-30.91,-21.38	PASS
Band17	5MHz	QPSK	23755	1RB#24	-36.64,-51.68	PASS
Band17	5MHz	QPSK	23755	25RB#0	-34.60,-32.51	PASS
Band17	5MHz	QPSK	23825	1RB#0	-51.74,-38.17	PASS
Band17	5MHz	QPSK	23825	1RB#24	-21.02,-30.19	PASS
Band17	5MHz	QPSK	23825	25RB#0	-33.59,-36.19	PASS
Band17	5MHz	16QAM	23755	1RB#0	-38.52,-22.47	PASS
Band17	5MHz	16QAM	23755	1RB#24	-38.63,-51.38	PASS
Band17	5MHz	16QAM	23755	25RB#0	-34.70,-33.43	PASS
Band17	5MHz	16QAM	23825	1RB#0	-51.98,-40.13	PASS
Band17	5MHz	16QAM	23825	1RB#24	-21.96,-34.13	PASS
Band17	5MHz	16QAM	23825	25RB#0	-33.83,-36.00	PASS
Band17	5MHz	64QAM	23755	1RB#0	-30.96,-22.62	PASS
Band17	5MHz	64QAM	23755	1RB#24	-39.87,-52.43	PASS
Band17	5MHz	64QAM	23755	25RB#0	-34.94,-34.20	PASS
Band17	5MHz	64QAM	23825	1RB#0	-52.83,-41.41	PASS
Band17	5MHz	64QAM	23825	1RB#24	-22.54,-32.03	PASS
Band17	5MHz	64QAM	23825	25RB#0	-35.25,-36.58	PASS

Band17	10MHz	QPSK	23780	1RB#0	-35.25,-27.05	PASS
Band17	10MHz	QPSK	23780	1RB#49	-38.27,-54.84	PASS
Band17	10MHz	QPSK	23780	50RB#0	-38.35,-39.28	PASS
Band17	10MHz	QPSK	23800	1RB#0	-54.41,-49.99	PASS
Band17	10MHz	QPSK	23800	1RB#49	-26.98,-34.45	PASS
Band17	10MHz	QPSK	23800	50RB#0	-40.06,-40.07	PASS
Band17	10MHz	16QAM	23780	1RB#0	-38.94,-28.01	PASS
Band17	10MHz	16QAM	23780	1RB#49	-39.71,-54.60	PASS
Band17	10MHz	16QAM	23780	50RB#0	-38.50,-39.81	PASS
Band17	10MHz	16QAM	23800	1RB#0	-54.75,-50.32	PASS
Band17	10MHz	16QAM	23800	1RB#49	-27.63,-38.66	PASS
Band17	10MHz	16QAM	23800	50RB#0	-40.37,-39.41	PASS
Band17	10MHz	64QAM	23780	1RB#0	-37.99,-28.78	PASS
Band17	10MHz	64QAM	23780	1RB#49	-41.84,-56.18	PASS
Band17	10MHz	64QAM	23780	50RB#0	-38.80,-40.25	PASS
Band17	10MHz	64QAM	23800	1RB#0	-55.70,-51.27	PASS
Band17	10MHz	64QAM	23800	1RB#49	-29.14,-40.75	PASS
Band17	10MHz	64QAM	23800	50RB#0	-41.25,-39.91	PASS

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

Test Graphs





