



Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-32.01,-27.24	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-30.78,-38.63	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-32.58,-31.29	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-41.19,-32.31	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-26.03,-31.05	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-28.99,-30.21	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-32.82,-30.54	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-31.57,-39.96	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-34.48,-33.34	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-42.83,-33.24	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-24.04,-31.97	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-29.24,-31.43	PASS
Band2	20MHz	QPSK	18700	1RB#0	-41.25,-38.83	PASS
Band2	20MHz	QPSK	18700	1RB#99	-49.68,-58.18	PASS
Band2	20MHz	QPSK	18700	100RB#0	-39.01,-42.93	PASS
Band2	20MHz	QPSK	19100	1RB#0	-58.34,-47.32	PASS
Band2	20MHz	QPSK	19100	1RB#99	-37.12,-44.13	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.77,-30.37	PASS
Band2	20MHz	16QAM	18700	1RB#0	-42.95,-38.06	PASS
Band2	20MHz	16QAM	18700	1RB#99	-50.13,-60.87	PASS
Band2	20MHz	16QAM	18700	100RB#0	-39.99,-42.88	PASS
Band2	20MHz	16QAM	19100	1RB#0	-56.48,-48.07	PASS
Band2	20MHz	16QAM	19100	1RB#99	-37.27,-44.86	PASS
Band2	20MHz	16QAM	19100	100RB#0	-36.37,-33.16	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-35.19,-26.43	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-32.26,-40.75	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-27.68,-30.92	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-41.97,-32.18	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-26.01,-35.62	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-32.75,-31.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-35.19,-28.35	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-33.14,-40.91	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-29.15,-32.34	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-40.11,-32.89	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-31.53,-34.94	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.53,-32.44	PASS

Band4	20MHz	QPSK	20050	1RB#0	-44.43,-38.89	PASS
Band4	20MHz	QPSK	20050	1RB#99	-49.60,-59.91	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.73,-36.51	PASS
Band4	20MHz	QPSK	20300	1RB#0	-37.21,-33.47	PASS
Band4	20MHz	QPSK	20300	1RB#99	-37.24,-43.69	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.08,-33.18	PASS
Band4	20MHz	16QAM	20050	1RB#0	-45.38,-38.21	PASS
Band4	20MHz	16QAM	20050	1RB#99	-50.59,-59.29	PASS
Band4	20MHz	16QAM	20050	100RB#0	-33.67,-36.25	PASS
Band4	20MHz	16QAM	20300	1RB#0	-38.39,-35.12	PASS
Band4	20MHz	16QAM	20300	1RB#99	-37.62,-44.69	PASS
Band4	20MHz	16QAM	20300	100RB#0	-36.90,-34.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-49.24,-30.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-55.72,-49.15	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-41.62,-36.92	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-51.28,-55.78	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-35.87,-51.68	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-37.84,-42.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-50.12,-34.84	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-56.32,-47.69	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-41.71,-36.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-49.44,-56.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-33.65,-52.54	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-39.43,-41.57	PASS
Band5	10MHz	QPSK	20450	1RB#0	-55.14,-35.66	PASS
Band5	10MHz	QPSK	20450	1RB#49	-60.63,-52.25	PASS
Band5	10MHz	QPSK	20450	50RB#0	-44.58,-36.11	PASS
Band5	10MHz	QPSK	20600	1RB#0	-51.55,-48.22	PASS
Band5	10MHz	QPSK	20600	1RB#49	-32.74,-54.36	PASS
Band5	10MHz	QPSK	20600	50RB#0	-36.92,-43.26	PASS
Band5	10MHz	16QAM	20450	1RB#0	-56.70,-34.15	PASS
Band5	10MHz	16QAM	20450	1RB#49	-60.85,-52.20	PASS
Band5	10MHz	16QAM	20450	50RB#0	-45.57,-37.14	PASS
Band5	10MHz	16QAM	20600	1RB#0	-52.67,-47.16	PASS
Band5	10MHz	16QAM	20600	1RB#49	-32.40,-53.76	PASS
Band5	10MHz	16QAM	20600	50RB#0	-37.86,-44.93	PASS
Band7	5MHz	QPSK	20775	1RB#0	-48.18,-43.47,-40.37,-28.94	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.78,-41.14,-40.78,-45.43	PASS
Band7	5MHz	QPSK	20775	25RB#0	-36.63,-31.50,-27.77,-32.74	PASS
Band7	5MHz	QPSK	21425	1RB#0	-45.76,-37.97,-49.20,-49.77	PASS
Band7	5MHz	QPSK	21425	1RB#24	-27.76,-40.21,-48.28,-48.32	PASS
Band7	5MHz	QPSK	21425	25RB#0	-33.38,-28.69,-36.82,-37.86	PASS

Band7	5MHz	16QAM	20775	1RB#0	-48.26,-45.01,-41.44,-27.13	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.88,-43.15,-43.02,-46.84	PASS
Band7	5MHz	16QAM	20775	25RB#0	-38.38,-33.26,-27.10,-32.65	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.34,-41.47,-49.79,-49.94	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.68,-41.05,-48.89,-48.54	PASS
Band7	5MHz	16QAM	21425	25RB#0	-33.17,-27.72,-36.65,-38.76	PASS
Band7	20MHz	QPSK	20850	1RB#0	-47.75,-36.40,-43.58,-37.85	PASS
Band7	20MHz	QPSK	20850	1RB#99	-40.73,-40.12,-48.63,-59.55	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.57,-33.79,-32.37,-35.97	PASS
Band7	20MHz	QPSK	21350	1RB#0	-58.46,-47.87,-39.25,-51.08	PASS
Band7	20MHz	QPSK	21350	1RB#99	-40.25,-42.91,-37.16,-50.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	-36.23,-33.43,-35.85,-46.72	PASS
Band7	20MHz	16QAM	20850	1RB#0	-49.04,-37.43,-44.39,-39.38	PASS
Band7	20MHz	16QAM	20850	1RB#99	-37.61,-41.14,-49.08,-59.50	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.33,-33.47,-32.71,-36.58	PASS
Band7	20MHz	16QAM	21350	1RB#0	-59.87,-48.49,-39.49,-51.10	PASS
Band7	20MHz	16QAM	21350	1RB#99	-38.43,-43.90,-38.07,-51.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	-36.45,-33.37,-34.91,-46.08	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-34.32,-23.96	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-31.78,-47.42	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-30.59,-32.11	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-48.80,-32.78	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-26.47,-34.85	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.07,-29.55	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-34.41,-26.89	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-33.70,-46.26	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-30.56,-32.37	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-48.34,-36.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-29.50,-36.42	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-31.78,-28.35	PASS
Band12	10MHz	QPSK	23060	1RB#0	-41.65,-31.95	PASS
Band12	10MHz	QPSK	23060	1RB#49	-44.21,-48.31	PASS
Band12	10MHz	QPSK	23060	50RB#0	-37.16,-38.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	-49.13,-54.14	PASS
Band12	10MHz	QPSK	23130	1RB#49	-30.82,-40.35	PASS
Band12	10MHz	QPSK	23130	50RB#0	-37.67,-35.76	PASS
Band12	10MHz	16QAM	23060	1RB#0	-43.96,-32.29	PASS
Band12	10MHz	16QAM	23060	1RB#49	-47.04,-49.24	PASS
Band12	10MHz	16QAM	23060	50RB#0	-37.59,-38.61	PASS
Band12	10MHz	16QAM	23130	1RB#0	-50.17,-54.27	PASS
Band12	10MHz	16QAM	23130	1RB#49	-31.36,-41.41	PASS
Band12	10MHz	16QAM	23130	50RB#0	-38.35,-35.82	PASS

Band13	5MHz	QPSK	23205	1RB#0	-66.06,-58.60,-34.37,-24.51	PASS
Band13	5MHz	QPSK	23205	1RB#24	-66.14,-51.32,-52.64,-43.16	PASS
Band13	5MHz	QPSK	23205	25RB#0	-66.12,-46.17,-32.03,-33.45	PASS
Band13	5MHz	QPSK	23255	1RB#0	-44.14,-41.72,-72.51,-65.70	PASS
Band13	5MHz	QPSK	23255	1RB#24	-24.52,-35.74,-59.99,-65.57	PASS
Band13	5MHz	QPSK	23255	25RB#0	-36.14,-37.34,-56.58,-65.82	PASS
Band13	5MHz	16QAM	23205	1RB#0	-65.57,-63.46,-37.99,-25.61	PASS
Band13	5MHz	16QAM	23205	1RB#24	-65.96,-52.24,-53.97,-44.61	PASS
Band13	5MHz	16QAM	23205	25RB#0	-66.11,-48.33,-33.78,-34.69	PASS
Band13	5MHz	16QAM	23255	1RB#0	-45.74,-41.40,-73.76,-65.90	PASS
Band13	5MHz	16QAM	23255	1RB#24	-27.03,-37.80,-62.00,-65.57	PASS
Band13	5MHz	16QAM	23255	25RB#0	-36.21,-37.24,-56.80,-65.53	PASS
Band13	10MHz	QPSK	23230	1RB#0	-65.94,-56.40,-39.03,-30.32,- 50.81,-51.64,-53.73,-65.58	PASS
Band13	10MHz	QPSK	23230	1RB#49	-65.91,-59.71,-54.77,-48.89,- 30.32,-39.53,-65.91,-65.73	PASS
Band13	10MHz	QPSK	23230	50RB#0	-65.65,-46.73,-35.07,-37.60,- 38.33,-37.12,-52.62,-65.96	PASS
Band13	10MHz	16QAM	23230	1RB#0	-66.00,-59.52,-40.88,-32.10,- 51.18,-51.38,-53.03,-65.96	PASS
Band13	10MHz	16QAM	23230	1RB#49	-65.71,-58.95,-55.22,-48.94,- 31.33,-41.58,-68.28,-65.90	PASS
Band13	10MHz	16QAM	23230	50RB#0	-65.91,-49.65,-37.58,-39.78,- 40.31,-38.93,-54.11,-65.71	PASS
Band17	5MHz	QPSK	23755	1RB#0	-38.13,-28.17	PASS
Band17	5MHz	QPSK	23755	1RB#24	-32.42,-45.14	PASS
Band17	5MHz	QPSK	23755	25RB#0	-35.51,-36.27	PASS
Band17	5MHz	QPSK	23825	1RB#0	-45.22,-39.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	-27.69,-37.54	PASS
Band17	5MHz	QPSK	23825	25RB#0	-35.37,-33.94	PASS
Band17	5MHz	16QAM	23755	1RB#0	-40.10,-30.17	PASS
Band17	5MHz	16QAM	23755	1RB#24	-36.24,-46.82	PASS
Band17	5MHz	16QAM	23755	25RB#0	-35.50,-36.97	PASS
Band17	5MHz	16QAM	23825	1RB#0	-47.15,-42.12	PASS
Band17	5MHz	16QAM	23825	1RB#24	-29.04,-38.68	PASS
Band17	5MHz	16QAM	23825	25RB#0	-35.97,-34.93	PASS
Band17	10MHz	QPSK	23780	1RB#0	-42.36,-34.96	PASS
Band17	10MHz	QPSK	23780	1RB#49	-31.10,-51.23	PASS
Band17	10MHz	QPSK	23780	50RB#0	-38.37,-41.16	PASS
Band17	10MHz	QPSK	23800	1RB#0	-51.68,-54.25	PASS
Band17	10MHz	QPSK	23800	1RB#49	-33.44,-41.53	PASS
Band17	10MHz	QPSK	23800	50RB#0	-39.80,-36.59	PASS

Band17	10MHz	16QAM	23780	1RB#0	-44.64,-36.49	PASS
Band17	10MHz	16QAM	23780	1RB#49	-33.81,-51.83	PASS
Band17	10MHz	16QAM	23780	50RB#0	-38.57,-41.23	PASS
Band17	10MHz	16QAM	23800	1RB#0	-52.44,-55.76	PASS
Band17	10MHz	16QAM	23800	1RB#49	-34.22,-42.85	PASS
Band17	10MHz	16QAM	23800	50RB#0	-40.15,-36.63	PASS

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

Test Graphs



















