





















Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-24.76,-21.44	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-35.35,-39.32	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-24.72,-27.39	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-39.45,-34.23	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-23.33,-24.21	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-25.91,-25.39	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-25.78,-24.14	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-36.19,-40.17	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-26.17,-29.85	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-39.28,-35.04	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-17.90,-25.17	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.22,-26.32	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-27.80,-22.49	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	-36.33,-40.78	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-26.36,-29.71	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	-37.01,-35.08	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-21.03,-25.37	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-27.46,-26.28	PASS
Band2	20MHz	QPSK	18700	1RB#0	-41.17,-34.19	PASS
Band2	20MHz	QPSK	18700	1RB#99	-48.68,-55.81	PASS
Band2	20MHz	QPSK	18700	100RB#0	-30.66,-33.79	PASS
Band2	20MHz	QPSK	19100	1RB#0	-57.61,-44.64	PASS
Band2	20MHz	QPSK	19100	1RB#99	-33.99,-42.23	PASS
Band2	20MHz	QPSK	19100	100RB#0	-32.08,-29.95	PASS
Band2	20MHz	16QAM	18700	1RB#0	-42.22,-34.60	PASS
Band2	20MHz	16QAM	18700	1RB#99	-49.26,-56.94	PASS
Band2	20MHz	16QAM	18700	100RB#0	-31.42,-34.72	PASS
Band2	20MHz	16QAM	19100	1RB#0	-56.66,-45.65	PASS
Band2	20MHz	16QAM	19100	1RB#99	-34.39,-43.03	PASS
Band2	20MHz	16QAM	19100	100RB#0	-34.57,-31.49	PASS
Band2	20MHz	64QAM	18700	1RB#0	-42.47,-36.39	PASS
Band2	20MHz	64QAM	18700	1RB#99	-49.34,-58.14	PASS
Band2	20MHz	64QAM	18700	100RB#0	-31.40,-34.63	PASS
Band2	20MHz	64QAM	19100	1RB#0	-53.31,-45.69	PASS
Band2	20MHz	64QAM	19100	1RB#99	-34.05,-43.46	PASS
Band2	20MHz	64QAM	19100	100RB#0	-34.51,-31.55	PASS

Band5	1.4MHz	QPSK	20407	1RB#0	-45.20,-14.64	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-51.92,-40.03	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-32.03,-24.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-38.44,-52.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-17.50,-43.51	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-24.90,-30.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-45.08,-19.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.09,-40.03	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-32.57,-24.49	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-34.67,-51.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-22.11,-43.09	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-24.85,-31.14	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-45.14,-16.90	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	-51.22,-40.62	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-32.55,-24.61	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	-32.89,-51.66	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-18.58,-43.21	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-24.99,-31.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	-49.21,-27.28	PASS
Band5	10MHz	QPSK	20450	1RB#49	-49.94,-50.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	-31.56,-24.62	PASS
Band5	10MHz	QPSK	20600	1RB#0	-52.21,-48.90	PASS
Band5	10MHz	QPSK	20600	1RB#49	-30.54,-47.30	PASS
Band5	10MHz	QPSK	20600	50RB#0	-24.41,-31.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	-48.58,-26.73	PASS
Band5	10MHz	16QAM	20450	1RB#49	-51.15,-52.02	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.45,-24.38	PASS
Band5	10MHz	16QAM	20600	1RB#0	-55.68,-49.28	PASS
Band5	10MHz	16QAM	20600	1RB#49	-28.78,-44.73	PASS
Band5	10MHz	16QAM	20600	50RB#0	-24.65,-31.04	PASS
Band5	10MHz	64QAM	20450	1RB#0	-48.48,-31.64	PASS
Band5	10MHz	64QAM	20450	1RB#49	-51.00,-48.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	-31.40,-24.41	PASS
Band5	10MHz	64QAM	20600	1RB#0	-52.11,-49.50	PASS
Band5	10MHz	64QAM	20600	1RB#49	-29.93,-45.12	PASS
Band5	10MHz	64QAM	20600	50RB#0	-24.66,-31.14	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.48,-37.05,-35.93,-25.79	PASS
Band7	5MHz	QPSK	20775	1RB#24	-48.81,-37.64,-37.69,-45.19	PASS
Band7	5MHz	QPSK	20775	25RB#0	-38.20,-30.17,-24.35,-26.42	PASS
Band7	5MHz	QPSK	21425	1RB#0	-43.00,-32.20,-48.20,-48.66	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.47,-33.90,-46.86,-44.27	PASS
Band7	5MHz	QPSK	21425	25RB#0	-26.90,-23.08,-36.72,-38.45	PASS

Band7	5MHz	16QAM	20775	1RB#0	-48.16,-38.50,-36.92,-26.20	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.16,-40.64,-41.15,-46.56	PASS
Band7	5MHz	16QAM	20775	25RB#0	-40.23,-33.46,-27.38,-29.37	PASS
Band7	5MHz	16QAM	21425	1RB#0	-44.96,-34.11,-48.36,-48.83	PASS
Band7	5MHz	16QAM	21425	1RB#24	-24.46,-34.55,-47.01,-44.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	-29.02,-27.19,-37.27,-39.51	PASS
Band7	5MHz	64QAM	20775	1RB#0	-48.03,-38.05,-36.84,-26.65	PASS
Band7	5MHz	64QAM	20775	1RB#24	-49.11,-40.73,-40.77,-45.76	PASS
Band7	5MHz	64QAM	20775	25RB#0	-40.45,-33.05,-27.00,-29.15	PASS
Band7	5MHz	64QAM	21425	1RB#0	-43.60,-33.86,-48.32,-48.77	PASS
Band7	5MHz	64QAM	21425	1RB#24	-24.44,-34.67,-47.21,-44.64	PASS
Band7	5MHz	64QAM	21425	25RB#0	-28.09,-26.78,-37.01,-39.39	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.64,-41.27,-39.14	PASS
Band7	20MHz	QPSK	20850	1RB#99	-37.74,-46.52,-56.68	PASS
Band7	20MHz	QPSK	20850	100RB#0	-29.64,-27.10,-26.24,-29.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	-57.54,-46.84,-38.46,-50.32	PASS
Band7	20MHz	QPSK	21350	1RB#99	-34.69,-40.72,-37.55,-50.26	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.36,-27.50,-29.05,-43.26	PASS
Band7	20MHz	16QAM	20850	1RB#0	-37.95,-42.12,-39.84	PASS
Band7	20MHz	16QAM	20850	1RB#99	-38.84,-46.89,-55.38	PASS
Band7	20MHz	16QAM	20850	100RB#0	-33.23,-30.18,-29.25,-32.22	PASS
Band7	20MHz	16QAM	21350	1RB#0	-57.45,-47.00,-39.20,-50.37	PASS
Band7	20MHz	16QAM	21350	1RB#99	-34.85,-41.45,-38.08,-50.32	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.74,-30.41,-31.72,-43.54	PASS
Band7	20MHz	64QAM	20850	1RB#0	-37.77,-42.06,-36.39	PASS
Band7	20MHz	64QAM	20850	1RB#99	-39.00,-46.84,-57.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	-33.15,-30.05,-28.83,-31.85	PASS
Band7	20MHz	64QAM	21350	1RB#0	-57.86,-46.96,-38.98,-50.38	PASS
Band7	20MHz	64QAM	21350	1RB#99	-34.64,-41.50,-38.22,-50.34	PASS
Band7	20MHz	64QAM	21350	100RB#0	-33.06,-30.87,-32.39,-44.02	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-26.57,-19.20	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-31.35,-47.15	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.07,-31.85	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-43.13,-31.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-17.80,-19.99	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.49,-26.80	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-28.17,-22.95	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-32.87,-46.85	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.95,-32.72	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-46.84,-34.12	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-21.74,-25.61	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.75,-28.32	PASS

Band12	1.4MHz	64QAM	23017	1RB#0	-27.25,-23.38	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	-32.69,-47.25	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-29.07,-32.55	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	-47.12,-34.23	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-22.05,-25.48	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-31.05,-28.02	PASS
Band12	10MHz	QPSK	23060	1RB#0	-38.62,-32.65	PASS
Band12	10MHz	QPSK	23060	1RB#49	-51.02,-51.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	-37.94,-40.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	-51.83,-55.85	PASS
Band12	10MHz	QPSK	23130	1RB#49	-29.20,-42.85	PASS
Band12	10MHz	QPSK	23130	50RB#0	-40.40,-38.09	PASS
Band12	10MHz	16QAM	23060	1RB#0	-46.41,-33.69	PASS
Band12	10MHz	16QAM	23060	1RB#49	-55.32,-51.33	PASS
Band12	10MHz	16QAM	23060	50RB#0	-38.57,-41.31	PASS
Band12	10MHz	16QAM	23130	1RB#0	-52.55,-57.16	PASS
Band12	10MHz	16QAM	23130	1RB#49	-31.58,-45.95	PASS
Band12	10MHz	16QAM	23130	50RB#0	-41.15,-38.31	PASS
Band12	10MHz	64QAM	23060	1RB#0	-42.18,-33.37	PASS
Band12	10MHz	64QAM	23060	1RB#49	-55.69,-51.99	PASS
Band12	10MHz	64QAM	23060	50RB#0	-38.15,-40.72	PASS
Band12	10MHz	64QAM	23130	1RB#0	-53.04,-60.80	PASS
Band12	10MHz	64QAM	23130	1RB#49	-33.22,-43.65	PASS
Band12	10MHz	64QAM	23130	50RB#0	-39.12,-36.43	PASS
Band41	5MHz	QPSK	40065	1RB#0	-48.94,-48.95,-34.59,-29.53	PASS
Band41	5MHz	QPSK	40065	1RB#24	-49.96,-49.78,-35.51,-47.68	PASS
Band41	5MHz	QPSK	40065	25RB#0	-42.67,-40.56,-31.86,-32.66	PASS
Band41	5MHz	QPSK	41215	1RB#0	-48.62,-36.39,-48.90,-49.08	PASS
Band41	5MHz	QPSK	41215	1RB#24	-29.81,-29.96,-47.97,-46.66	PASS
Band41	5MHz	QPSK	41215	25RB#0	-29.94,-27.22,-36.75,-38.78	PASS
Band41	5MHz	16QAM	40065	1RB#0	-48.90,-48.85,-35.64,-27.67	PASS
Band41	5MHz	16QAM	40065	1RB#24	-49.98,-49.69,-36.27,-48.98	PASS
Band41	5MHz	16QAM	40065	25RB#0	-43.80,-41.09,-33.23,-33.84	PASS
Band41	5MHz	16QAM	41215	1RB#0	-47.43,-37.46,-48.96,-49.17	PASS
Band41	5MHz	16QAM	41215	1RB#24	-28.95,-30.31,-48.04,-45.95	PASS
Band41	5MHz	16QAM	41215	25RB#0	-30.15,-27.15,-38.75,-41.93	PASS
Band41	5MHz	64QAM	40065	1RB#0	-49.72,-49.48,-37.99,-30.87	PASS
Band41	5MHz	64QAM	40065	1RB#24	-50.14,-50.06,-40.02,-48.57	PASS
Band41	5MHz	64QAM	40065	25RB#0	-46.27,-44.27,-35.18,-36.09	PASS
Band41	5MHz	64QAM	41215	1RB#0	-48.87,-41.21,-49.15,-49.30	PASS
Band41	5MHz	64QAM	41215	1RB#24	-30.81,-33.75,-48.38,-48.12	PASS
Band41	5MHz	64QAM	41215	25RB#0	-34.15,-30.84,-44.24,-45.60	PASS

Band41	20MHz	QPSK	40140	1RB#0	-50.71,-42.66,-45.48,-41.78	PASS
Band41	20MHz	QPSK	40140	1RB#99	-50.79,-40.29,-49.89,-60.58	PASS
Band41	20MHz	QPSK	40140	100RB#0	-46.11,-35.79,-34.80,-39.02	PASS
Band41	20MHz	QPSK	41140	1RB#0	-62.60,-48.95,-41.41,-50.07	PASS
Band41	20MHz	QPSK	41140	1RB#99	-40.30,-33.91,-40.75,-49.94	PASS
Band41	20MHz	QPSK	41140	100RB#0	-36.75,-31.79,-34.60,-41.12	PASS
Band41	20MHz	16QAM	40140	1RB#0	-50.71,-43.60,-45.46,-41.03	PASS
Band41	20MHz	16QAM	40140	1RB#99	-50.77,-40.61,-49.75,-58.93	PASS
Band41	20MHz	16QAM	40140	100RB#0	-47.20,-39.83,-38.97,-41.36	PASS
Band41	20MHz	16QAM	41140	1RB#0	-61.20,-48.89,-40.81,-50.02	PASS
Band41	20MHz	16QAM	41140	1RB#99	-39.71,-35.22,-39.05,-49.85	PASS
Band41	20MHz	16QAM	41140	100RB#0	-36.60,-33.26,-36.64,-43.86	PASS
Band41	20MHz	64QAM	40140	1RB#0	-50.76,-44.45,-46.17,-40.67	PASS
Band41	20MHz	64QAM	40140	1RB#99	-50.76,-44.97,-50.02,-60.25	PASS
Band41	20MHz	64QAM	40140	100RB#0	-48.66,-43.90,-41.68,-45.42	PASS
Band41	20MHz	64QAM	41140	1RB#0	-61.86,-49.13,-44.89,-50.11	PASS
Band41	20MHz	64QAM	41140	1RB#99	-42.95,-34.81,-43.71,-50.04	PASS
Band41	20MHz	64QAM	41140	100RB#0	-42.22,-38.53,-41.09,-48.28	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-26.62,-23.82	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-36.77,-43.59	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-27.34,-29.38	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-45.61,-35.49	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-24.94,-33.95	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-33.42,-29.85	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-29.48,-28.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-38.54,-47.72	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-27.77,-30.46	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-46.78,-37.78	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-28.63,-35.68	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-33.61,-29.01	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-29.98,-28.94	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	-39.19,-48.22	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-28.78,-30.85	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	-47.11,-38.12	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-28.65,-35.95	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-34.20,-29.56	PASS
Band66	20MHz	QPSK	132072	1RB#0	-41.93,-37.05	PASS
Band66	20MHz	QPSK	132072	1RB#99	-48.32,-55.79	PASS
Band66	20MHz	QPSK	132072	100RB#0	-32.17,-35.97	PASS
Band66	20MHz	QPSK	132572	1RB#0	-56.07,-46.52	PASS
Band66	20MHz	QPSK	132572	1RB#99	-38.19,-44.15	PASS
Band66	20MHz	QPSK	132572	100RB#0	-37.51,-33.52	PASS

Band66	20MHz	16QAM	132072	1RB#0	-42.99,-37.31	PASS
Band66	20MHz	16QAM	132072	1RB#99	-49.06,-55.92	PASS
Band66	20MHz	16QAM	132072	100RB#0	-31.46,-35.18	PASS
Band66	20MHz	16QAM	132572	1RB#0	-57.37,-46.85	PASS
Band66	20MHz	16QAM	132572	1RB#99	-36.74,-44.23	PASS
Band66	20MHz	16QAM	132572	100RB#0	-37.65,-33.89	PASS
Band66	20MHz	64QAM	132072	1RB#0	-42.79,-37.04	PASS
Band66	20MHz	64QAM	132072	1RB#99	-49.02,-56.71	PASS
Band66	20MHz	64QAM	132072	100RB#0	-31.41,-35.16	PASS
Band66	20MHz	64QAM	132572	1RB#0	-57.67,-46.91	PASS
Band66	20MHz	64QAM	132572	1RB#99	-37.45,-44.52	PASS
Band66	20MHz	64QAM	132572	100RB#0	-37.85,-33.99	PASS

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

Test Graphs



