























Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-35.43,-27.56	PASS
Band2	1.4MHz	QPSK	18607	1RB#5	-29.33,-35.72	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-28.87,-32.21	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	-34.33,-27.87	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-25.35,-35.89	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-31.45,-28.08	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-36.12,-30.33	PASS
Band2	1.4MHz	16QAM	18607	1RB#5	-31.72,-39.18	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-29.02,-32.32	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	-38.07,-30.55	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-28.08,-36.57	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-31.79,-29.05	PASS
Band2	1.4MHz	64QAM	18607	1RB#0	-36.55,-28.34	PASS
Band2	1.4MHz	64QAM	18607	1RB#5	-30.88,-36.42	PASS
Band2	1.4MHz	64QAM	18607	6RB#0	-30.12,-33.50	PASS
Band2	1.4MHz	64QAM	19193	1RB#0	-35.56,-30.21	PASS
Band2	1.4MHz	64QAM	19193	1RB#5	-25.86,-37.00	PASS
Band2	1.4MHz	64QAM	19193	6RB#0	-32.62,-30.38	PASS
Band2	20MHz	QPSK	18700	1RB#0	-42.16,-40.56	PASS
Band2	20MHz	QPSK	18700	1RB#99	-41.73,-59.32	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.72,-36.78	PASS
Band2	20MHz	QPSK	19100	1RB#0	-61.16,-46.38	PASS
Band2	20MHz	QPSK	19100	1RB#99	-39.96,-42.34	PASS
Band2	20MHz	QPSK	19100	100RB#0	-37.44,-33.41	PASS
Band2	20MHz	16QAM	18700	1RB#0	-42.89,-40.83	PASS
Band2	20MHz	16QAM	18700	1RB#99	-43.97,-58.96	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.38,-37.28	PASS
Band2	20MHz	16QAM	19100	1RB#0	-60.27,-46.51	PASS
Band2	20MHz	16QAM	19100	1RB#99	-38.43,-42.42	PASS
Band2	20MHz	16QAM	19100	100RB#0	-37.29,-33.07	PASS
Band2	20MHz	64QAM	18700	1RB#0	-43.67,-43.75	PASS
Band2	20MHz	64QAM	18700	1RB#99	-45.13,-60.98	PASS
Band2	20MHz	64QAM	18700	100RB#0	-34.47,-38.48	PASS
Band2	20MHz	64QAM	19100	1RB#0	-61.87,-47.36	PASS
Band2	20MHz	64QAM	19100	1RB#99	-37.78,-43.29	PASS
Band2	20MHz	64QAM	19100	100RB#0	-37.78,-33.50	PASS

Band5	1.4MHz	QPSK	20407	1RB#0	-48.82,-25.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-51.36,-39.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-38.76,-31.33	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-41.81,-52.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-22.67,-47.68	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-24.57,-36.18	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-49.91,-27.31	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-51.12,-41.23	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-41.08,-32.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-41.11,-52.17	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-24.81,-50.20	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-28.33,-38.43	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	-49.97,-28.49	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	-52.14,-41.41	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	-42.25,-34.33	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	-42.71,-53.14	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	-28.07,-51.27	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	-31.76,-40.26	PASS
Band5	10MHz	QPSK	20450	1RB#0	-47.88,-32.11	PASS
Band5	10MHz	QPSK	20450	1RB#49	-44.63,-56.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	-38.14,-31.76	PASS
Band5	10MHz	QPSK	20600	1RB#0	-57.32,-40.19	PASS
Band5	10MHz	QPSK	20600	1RB#49	-31.09,-48.44	PASS
Band5	10MHz	QPSK	20600	50RB#0	-29.95,-36.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	-48.71,-32.85	PASS
Band5	10MHz	16QAM	20450	1RB#49	-46.43,-57.62	PASS
Band5	10MHz	16QAM	20450	50RB#0	-40.22,-33.53	PASS
Band5	10MHz	16QAM	20600	1RB#0	-57.15,-42.06	PASS
Band5	10MHz	16QAM	20600	1RB#49	-30.45,-49.48	PASS
Band5	10MHz	16QAM	20600	50RB#0	-32.25,-38.61	PASS
Band5	10MHz	64QAM	20450	1RB#0	-49.05,-33.98	PASS
Band5	10MHz	64QAM	20450	1RB#49	-48.25,-58.20	PASS
Band5	10MHz	64QAM	20450	50RB#0	-42.92,-35.68	PASS
Band5	10MHz	64QAM	20600	1RB#0	-58.17,-41.74	PASS
Band5	10MHz	64QAM	20600	1RB#49	-33.61,-49.34	PASS
Band5	10MHz	64QAM	20600	50RB#0	-35.03,-41.75	PASS
Band7	5MHz	QPSK	20775	1RB#0	-47.52,-42.77,-36.74,-30.05	PASS
Band7	5MHz	QPSK	20775	1RB#24	-48.91,-29.88,-29.87,-55.25	PASS
Band7	5MHz	QPSK	20775	25RB#0	-43.65,-35.52,-26.50,-30.89	PASS
Band7	5MHz	QPSK	21425	1RB#0	-53.96,-29.97,-47.32,-49.10	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.36,-36.71,-47.50,-46.76	PASS
Band7	5MHz	QPSK	21425	25RB#0	-28.31,-24.51,-38.87,-41.05	PASS

Band7	5MHz	16QAM	20775	1RB#0	-48.12,-42.78,-37.28,-28.09	PASS
Band7	5MHz	16QAM	20775	1RB#24	-48.80,-31.86,-32.18,-54.79	PASS
Band7	5MHz	16QAM	20775	25RB#0	-43.01,-37.39,-28.89,-33.01	PASS
Band7	5MHz	16QAM	21425	1RB#0	-54.84,-31.21,-47.32,-49.20	PASS
Band7	5MHz	16QAM	21425	1RB#24	-29.08,-37.20,-47.55,-47.91	PASS
Band7	5MHz	16QAM	21425	25RB#0	-29.88,-27.56,-38.30,-40.63	PASS
Band7	5MHz	64QAM	20775	1RB#0	-43.52,-37.73,-31.41,-39.98	PASS
Band7	5MHz	64QAM	20775	1RB#24	-49.08,-31.30,-31.91,-55.69	PASS
Band7	5MHz	64QAM	20775	25RB#0	-43.38,-37.73,-31.35,-34.53	PASS
Band7	5MHz	64QAM	21425	1RB#0	-38.63,-30.73,-39.86,-41.82	PASS
Band7	5MHz	64QAM	21425	1RB#24	-27.21,-37.28,-47.48,-48.23	PASS
Band7	5MHz	64QAM	21425	25RB#0	-33.45,-30.72,-39.68,-41.67	PASS
Band7	20MHz	QPSK	20850	1RB#0	-44.83,-41.99,-40.92	PASS
Band7	20MHz	QPSK	20850	1RB#99	-46.87,-45.77,-59.86	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.93,-30.08,-29.05,-32.72	PASS
Band7	20MHz	QPSK	21350	1RB#0	-59.50,-44.80,-34.42,-50.17	PASS
Band7	20MHz	QPSK	21350	1RB#99	-37.67,-42.27,-44.44,-50.22	PASS
Band7	20MHz	QPSK	21350	100RB#0	-31.09,-27.35,-28.68,-45.23	PASS
Band7	20MHz	16QAM	20850	1RB#0	-45.34,-42.36,-39.29	PASS
Band7	20MHz	16QAM	20850	1RB#99	-46.91,-45.74,-60.80	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.99,-33.50,-31.96,-35.45	PASS
Band7	20MHz	16QAM	21350	1RB#0	-58.47,-44.83,-37.62,-50.17	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.18,-42.65,-45.36,-50.20	PASS
Band7	20MHz	16QAM	21350	100RB#0	-33.18,-29.69,-31.11,-44.83	PASS
Band7	20MHz	64QAM	20850	1RB#0	-36.55,-35.67,-49.01	PASS
Band7	20MHz	64QAM	20850	1RB#99	-47.44,-46.41,-60.18	PASS
Band7	20MHz	64QAM	20850	100RB#0	-39.49,-36.77,-35.62,-39.10	PASS
Band7	20MHz	64QAM	21350	1RB#0	-47.06,-33.55,-36.55,-46.16	PASS
Band7	20MHz	64QAM	21350	1RB#99	-39.89,-43.06,-46.80,-50.36	PASS
Band7	20MHz	64QAM	21350	100RB#0	-37.23,-33.59,-35.64,-45.63	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-30.69,-22.33	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-42.05,-48.50	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.38,-31.20	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-48.72,-42.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-20.72,-30.06	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.18,-27.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-31.88,-24.76	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-43.92,-48.75	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.22,-32.14	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-49.09,-43.76	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.84,-32.51	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-30.22,-29.49	PASS

Band12	1.4MHz	64QAM	23017	1RB#0	-34.18,-25.75	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	-45.00,-49.32	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-33.73,-33.60	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	-49.58,-44.81	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-26.53,-35.00	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-32.03,-31.91	PASS
Band12	10MHz	QPSK	23060	1RB#0	-38.35,-27.04	PASS
Band12	10MHz	QPSK	23060	1RB#49	-50.79,-54.87	PASS
Band12	10MHz	QPSK	23060	50RB#0	-35.91,-37.49	PASS
Band12	10MHz	QPSK	23130	1RB#0	-55.40,-50.99	PASS
Band12	10MHz	QPSK	23130	1RB#49	-26.24,-34.18	PASS
Band12	10MHz	QPSK	23130	50RB#0	-37.97,-35.41	PASS
Band12	10MHz	16QAM	23060	1RB#0	-40.57,-27.94	PASS
Band12	10MHz	16QAM	23060	1RB#49	-50.94,-55.16	PASS
Band12	10MHz	16QAM	23060	50RB#0	-37.22,-39.62	PASS
Band12	10MHz	16QAM	23130	1RB#0	-55.54,-51.19	PASS
Band12	10MHz	16QAM	23130	1RB#49	-26.58,-35.90	PASS
Band12	10MHz	16QAM	23130	50RB#0	-39.35,-36.54	PASS
Band12	10MHz	64QAM	23060	1RB#0	-37.52,-28.26	PASS
Band12	10MHz	64QAM	23060	1RB#49	-51.91,-56.06	PASS
Band12	10MHz	64QAM	23060	50RB#0	-40.02,-41.17	PASS
Band12	10MHz	64QAM	23130	1RB#0	-56.19,-51.82	PASS
Band12	10MHz	64QAM	23130	1RB#49	-27.74,-37.12	PASS
Band12	10MHz	64QAM	23130	50RB#0	-40.42,-38.74	PASS
Band41	5MHz	QPSK	40065	1RB#0	-45.36,-48.51,-41.55,-31.39	PASS
Band41	5MHz	QPSK	40065	1RB#24	-49.72,-48.58,-33.76,-58.85	PASS
Band41	5MHz	QPSK	40065	25RB#0	-46.10,-43.58,-29.46,-34.05	PASS
Band41	5MHz	QPSK	41215	1RB#0	-59.25,-32.19,-47.77,-48.76	PASS
Band41	5MHz	QPSK	41215	1RB#24	-29.45,-40.92,-47.83,-42.56	PASS
Band41	5MHz	QPSK	41215	25RB#0	-35.13,-30.20,-39.26,-41.40	PASS
Band41	5MHz	16QAM	40065	1RB#0	-46.44,-48.74,-41.73,-30.18	PASS
Band41	5MHz	16QAM	40065	1RB#24	-49.75,-48.66,-35.81,-58.24	PASS
Band41	5MHz	16QAM	40065	25RB#0	-46.00,-43.56,-30.23,-35.89	PASS
Band41	5MHz	16QAM	41215	1RB#0	-57.88,-34.71,-47.95,-48.77	PASS
Band41	5MHz	16QAM	41215	1RB#24	-30.33,-41.84,-47.92,-43.97	PASS
Band41	5MHz	16QAM	41215	25RB#0	-35.47,-29.99,-40.12,-42.21	PASS
Band41	5MHz	64QAM	40065	1RB#0	-48.36,-48.89,-42.92,-31.32	PASS
Band41	5MHz	64QAM	40065	1RB#24	-49.91,-49.07,-36.58,-60.35	PASS
Band41	5MHz	64QAM	40065	25RB#0	-46.71,-44.95,-32.75,-37.56	PASS
Band41	5MHz	64QAM	41215	1RB#0	-60.66,-35.60,-48.25,-48.97	PASS
Band41	5MHz	64QAM	41215	1RB#24	-31.49,-42.08,-48.15,-46.00	PASS
Band41	5MHz	64QAM	41215	25RB#0	-37.80,-31.61,-42.47,-43.45	PASS

Band41	20MHz	QPSK	40140	1RB#0	-50.31,-46.95,-45.56,-43.36	PASS
Band41	20MHz	QPSK	40140	1RB#99	-50.40,-38.85,-47.88,-63.63	PASS
Band41	20MHz	QPSK	40140	100RB#0	-49.49,-37.74,-34.65,-39.80	PASS
Band41	20MHz	QPSK	41140	1RB#0	-62.40,-47.20,-37.47,-49.63	PASS
Band41	20MHz	QPSK	41140	1RB#99	-44.21,-45.45,-46.54,-49.61	PASS
Band41	20MHz	QPSK	41140	100RB#0	-40.72,-37.75,-39.96,-44.64	PASS
Band41	20MHz	16QAM	40140	1RB#0	-50.34,-47.41,-45.87,-44.08	PASS
Band41	20MHz	16QAM	40140	1RB#99	-50.40,-41.27,-48.18,-64.25	PASS
Band41	20MHz	16QAM	40140	100RB#0	-49.28,-39.65,-36.13,-40.87	PASS
Band41	20MHz	16QAM	41140	1RB#0	-62.93,-47.33,-40.20,-49.64	PASS
Band41	20MHz	16QAM	41140	1RB#99	-43.33,-45.98,-46.79,-49.58	PASS
Band41	20MHz	16QAM	41140	100RB#0	-41.60,-37.77,-39.72,-45.57	PASS
Band41	20MHz	64QAM	40140	1RB#0	-50.41,-48.03,-46.22,-43.90	PASS
Band41	20MHz	64QAM	40140	1RB#99	-50.44,-43.55,-48.58,-64.16	PASS
Band41	20MHz	64QAM	40140	100RB#0	-49.36,-40.97,-38.35,-42.21	PASS
Band41	20MHz	64QAM	41140	1RB#0	-63.62,-47.88,-41.63,-49.71	PASS
Band41	20MHz	64QAM	41140	1RB#99	-46.57,-46.22,-47.36,-49.70	PASS
Band41	20MHz	64QAM	41140	100RB#0	-44.03,-39.16,-42.04,-46.98	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	-35.07,-26.84	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-28.70,-38.07	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.85,-31.11	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-36.14,-28.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-25.56,-36.31	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-32.74,-30.33	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-35.88,-26.85	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-31.18,-39.20	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-28.72,-32.09	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-36.49,-31.03	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-28.08,-37.02	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-33.68,-29.58	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	-36.84,-27.75	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	-32.41,-40.14	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	-29.83,-34.05	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	-35.66,-30.41	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	-26.82,-37.78	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	-34.45,-30.30	PASS
Band66	20MHz	QPSK	132072	1RB#0	-40.18,-31.19	PASS
Band66	20MHz	QPSK	132072	1RB#99	-37.79,-57.89	PASS
Band66	20MHz	QPSK	132072	100RB#0	-33.14,-36.60	PASS
Band66	20MHz	QPSK	132572	1RB#0	-60.14,-33.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	-33.07,-40.73	PASS
Band66	20MHz	QPSK	132572	100RB#0	-36.77,-33.75	PASS

Band66	20MHz	16QAM	132072	1RB#0	-40.54,-33.65	PASS
Band66	20MHz	16QAM	132072	1RB#99	-40.17,-57.18	PASS
Band66	20MHz	16QAM	132072	100RB#0	-32.66,-36.22	PASS
Band66	20MHz	16QAM	132572	1RB#0	-60.24,-35.68	PASS
Band66	20MHz	16QAM	132572	1RB#99	-32.74,-41.17	PASS
Band66	20MHz	16QAM	132572	100RB#0	-38.52,-35.20	PASS
Band66	20MHz	64QAM	132072	1RB#0	-42.02,-35.73	PASS
Band66	20MHz	64QAM	132072	1RB#99	-40.76,-58.09	PASS
Band66	20MHz	64QAM	132072	100RB#0	-33.00,-36.66	PASS
Band66	20MHz	64QAM	132572	1RB#0	-60.57,-35.38	PASS
Band66	20MHz	64QAM	132572	1RB#99	-34.90,-42.48	PASS
Band66	20MHz	64QAM	132572	100RB#0	-40.52,-36.59	PASS

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