

Appendix D: Band Edge

Test Result (worst case)

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-46.38,-35.60,-35.65,-29.18	PASS
Band7	5MHz	QPSK	20775	1RB#24	-49.25,-29.68,-29.63,-55.33	PASS
Band7	5MHz	QPSK	20775	25RB#0	-41.47,-35.78,-25.83,-29.14	PASS
Band7	5MHz	QPSK	21425	1RB#0	-54.80,-29.41,-47.36,-49.33	PASS
Band7	5MHz	QPSK	21425	1RB#24	-26.51,-34.78,-47.07,-47.75	PASS
Band7	5MHz	QPSK	21425	25RB#0	-31.32,-28.66,-39.98,-41.53	PASS
Band7	5MHz	16QAM	20775	1RB#0	-46.89,-36.86,-36.86,-28.15	PASS
Band7	5MHz	16QAM	20775	1RB#24	-49.20,-31.76,-32.04,-54.88	PASS
Band7	5MHz	16QAM	20775	25RB#0	-42.28,-37.62,-28.15,-31.56	PASS
Band7	5MHz	16QAM	21425	1RB#0	-56.16,-31.16,-47.85,-49.34	PASS
Band7	5MHz	16QAM	21425	1RB#24	-30.22,-36.17,-47.15,-48.03	PASS
Band7	5MHz	16QAM	21425	25RB#0	-32.89,-30.04,-40.37,-42.29	PASS
Band7	20MHz	QPSK	20850	1RB#0	-44.37,-43.22,-39.33	PASS
Band7	20MHz	QPSK	20850	1RB#99	-45.10,-45.76,-60.21	PASS
Band7	20MHz	QPSK	20850	100RB#0	-34.81,-29.74,-27.08,-31.12	PASS
Band7	20MHz	QPSK	21350	1RB#0	-59.85,-45.68,-33.21,-50.27	PASS
Band7	20MHz	QPSK	21350	1RB#99	-42.30,-43.32,-44.94,-50.27	PASS
Band7	20MHz	QPSK	21350	100RB#0	-34.35,-30.87,-33.13,-47.98	PASS
Band7	20MHz	16QAM	20850	1RB#0	-44.96,-43.33,-40.12	PASS
Band7	20MHz	16QAM	20850	1RB#99	-45.79,-45.74,-60.17	PASS
Band7	20MHz	16QAM	20850	100RB#0	-37.31,-32.31,-30.58,-34.39	PASS
Band7	20MHz	16QAM	21350	1RB#0	-60.48,-45.78,-36.31,-50.26	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.85,-43.64,-45.73,-50.23	PASS
Band7	20MHz	16QAM	21350	100RB#0	-37.20,-33.21,-35.25,-48.01	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-31.30,-23.87	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	-39.49,-49.09	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-32.04,-31.99	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-49.43,-40.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.45,-31.66	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-32.22,-33.58	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-35.02,-25.87	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	-42.21,-49.38	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-33.22,-33.49	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-49.75,-42.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-25.55,-35.99	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-34.09,-34.62	PASS

Band12	10MHz	QPSK	23060	1RB#0	-36.51,-27.32	PASS
Band12	10MHz	QPSK	23060	1RB#49	-48.37,-55.35	PASS
Band12	10MHz	QPSK	23060	50RB#0	-38.32,-39.69	PASS
Band12	10MHz	QPSK	23130	1RB#0	-55.95,-51.41	PASS
Band12	10MHz	QPSK	23130	1RB#49	-27.38,-36.53	PASS
Band12	10MHz	QPSK	23130	50RB#0	-41.02,-39.29	PASS
Band12	10MHz	16QAM	23060	1RB#0	-39.94,-28.33	PASS
Band12	10MHz	16QAM	23060	1RB#49	-50.11,-55.74	PASS
Band12	10MHz	16QAM	23060	50RB#0	-38.64,-39.73	PASS
Band12	10MHz	16QAM	23130	1RB#0	-55.99,-51.87	PASS
Band12	10MHz	16QAM	23130	1RB#49	-28.43,-37.26	PASS
Band12	10MHz	16QAM	23130	50RB#0	-41.53,-40.34	PASS
Band13	5MHz	QPSK	23205	1RB#0	-65.69,-60.45,-30.53,-22.22	PASS
Band13	5MHz	QPSK	23205	1RB#24	-65.66,-59.92,-48.13,-52.31	PASS
Band13	5MHz	QPSK	23205	25RB#0	-65.87,-44.17,-30.73,-31.87	PASS
Band13	5MHz	QPSK	23255	1RB#0	-52.00,-48.25,-73.24,-65.81	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.85,-30.45,-72.75,-65.80	PASS
Band13	5MHz	QPSK	23255	25RB#0	-30.56,-29.89,-63.15,-65.88	PASS
Band13	5MHz	16QAM	23205	1RB#0	-65.77,-62.20,-31.76,-22.54	PASS
Band13	5MHz	16QAM	23205	1RB#24	-65.83,-59.88,-48.20,-52.24	PASS
Band13	5MHz	16QAM	23205	25RB#0	-65.85,-44.71,-31.80,-32.50	PASS
Band13	5MHz	16QAM	23255	1RB#0	-52.61,-48.35,-73.36,-65.86	PASS
Band13	5MHz	16QAM	23255	1RB#24	-21.69,-31.46,-73.20,-65.82	PASS
Band13	5MHz	16QAM	23255	25RB#0	-31.41,-30.03,-61.96,-65.79	PASS
Band13	10MHz	QPSK	23230	1RB#0	-65.55,-57.93,-35.79,-27.23,-55.65,-51.23,-64.30,-65.75	PASS
Band13	10MHz	QPSK	23230	1RB#49	-65.60,-56.59,-50.54,-54.71,-27.28,-36.51,-69.78,-65.79	PASS
Band13	10MHz	QPSK	23230	50RB#0	-65.56,-47.36,-34.22,-37.69,-37.63,-35.24,-54.14,-65.80	PASS
Band13	10MHz	16QAM	23230	1RB#0	-65.57,-60.09,-37.37,-27.56,-55.52,-51.44,-66.21,-65.78	PASS
Band13	10MHz	16QAM	23230	1RB#49	-65.69,-60.38,-50.82,-55.19,-27.42,-37.27,-70.31,-65.73	PASS
Band13	10MHz	16QAM	23230	50RB#0	-65.67,-46.81,-34.75,-37.95,-38.34,-34.88,-55.04,-65.89	PASS
Band25	1.4MHz	QPSK	26047	1RB#0	-36.79,-25.54	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	-29.54,-36.47	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	-29.55,-30.04	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	-37.20,-28.74	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	-20.73,-37.69	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	-27.82,-29.52	PASS

Band25	1.4MHz	16QAM	26047	1RB#0	-37.68,-26.66	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	-31.84,-39.33	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	-29.98,-32.10	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	-38.90,-31.53	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	-26.06,-38.80	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	-30.77,-30.21	PASS
Band25	20MHz	QPSK	26140	1RB#0	-41.68,-32.95	PASS
Band25	20MHz	QPSK	26140	1RB#99	-37.24,-59.05	PASS
Band25	20MHz	QPSK	26140	100RB#0	-30.51,-34.27	PASS
Band25	20MHz	QPSK	26590	1RB#0	-61.04,-47.80	PASS
Band25	20MHz	QPSK	26590	1RB#99	-34.80,-41.77	PASS
Band25	20MHz	QPSK	26590	100RB#0	-35.20,-32.99	PASS
Band25	20MHz	16QAM	26140	1RB#0	-42.62,-33.17	PASS
Band25	20MHz	16QAM	26140	1RB#99	-39.39,-58.97	PASS
Band25	20MHz	16QAM	26140	100RB#0	-32.26,-36.20	PASS
Band25	20MHz	16QAM	26590	1RB#0	-60.41,-47.79	PASS
Band25	20MHz	16QAM	26590	1RB#99	-33.34,-42.94	PASS
Band25	20MHz	16QAM	26590	100RB#0	-37.47,-34.89	PASS
Band26	1.4MHz	QPSK	26697	1RB#0	-27.90,-28.59	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	-46.19,-54.18	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	-27.82,-30.66	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	-53.49,-45.42	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	-27.95,-28.37	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	-31.58,-29.59	PASS
Band26	1.4MHz	QPSK	26797	1RB#0	-50.48,-28.73	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	-51.75,-49.72	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	-41.41,-31.66	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	-50.27,-53.08	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	-25.86,-50.41	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	-32.38,-41.47	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	-30.97,-28.14	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	-46.13,-54.46	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	-28.63,-31.62	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	-53.53,-45.48	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	-29.88,-30.32	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	-33.04,-30.19	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	-51.25,-28.94	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	-51.94,-49.10	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	-42.44,-32.32	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	-51.14,-53.46	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	-29.34,-51.86	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	-33.33,-42.27	PASS

Band26	10MHz	QPSK	26740	1RB#0	-38.51,-33.60,-60.74,-52.04	PASS
Band26	10MHz	QPSK	26740	1RB#49	-53.17,-61.47,-34.08,-38.79	PASS
Band26	10MHz	QPSK	26740	50RB#0	-38.24,-32.69,-34.32,-39.76	PASS
Band26	10MHz	16QAM	26740	1RB#0	-39.69,-34.90,-60.59,-52.32	PASS
Band26	10MHz	16QAM	26740	1RB#49	-53.22,-60.60,-34.23,-39.47	PASS
Band26	10MHz	16QAM	26740	50RB#0	-38.86,-33.59,-34.30,-39.73	PASS
Band26	15MHz	QPSK	26865	1RB#0	-49.21,-36.11	PASS
Band26	15MHz	QPSK	26865	1RB#74	-39.73,-57.38	PASS
Band26	15MHz	QPSK	26865	75RB#0	-40.09,-34.30	PASS
Band26	15MHz	QPSK	26965	1RB#0	-60.55,-56.39	PASS
Band26	15MHz	QPSK	26965	1RB#74	-36.31,-52.18	PASS
Band26	15MHz	QPSK	26965	75RB#0	-34.88,-41.93	PASS
Band26	15MHz	16QAM	26865	1RB#0	-50.81,-38.07	PASS
Band26	15MHz	16QAM	26865	1RB#74	-40.91,-58.80	PASS
Band26	15MHz	16QAM	26865	75RB#0	-40.59,-34.54	PASS
Band26	15MHz	16QAM	26965	1RB#0	-60.59,-56.62	PASS
Band26	15MHz	16QAM	26965	1RB#74	-38.40,-53.87	PASS
Band26	15MHz	16QAM	26965	75RB#0	-36.01,-42.94	PASS
Band41	5MHz	QPSK	40065	1RB#0	-48.42,-48.38,-42.39,-30.96	PASS
Band41	5MHz	QPSK	40065	1RB#24	-49.62,-48.40,-31.34,-58.03	PASS
Band41	5MHz	QPSK	40065	25RB#0	-43.07,-42.71,-32.47,-36.52	PASS
Band41	5MHz	QPSK	41215	1RB#0	-58.30,-29.70,-47.47,-48.66	PASS
Band41	5MHz	QPSK	41215	1RB#24	-32.28,-41.66,-47.62,-47.41	PASS
Band41	5MHz	QPSK	41215	25RB#0	-37.53,-31.87,-38.83,-39.32	PASS
Band41	5MHz	16QAM	40065	1RB#0	-48.83,-48.55,-42.37,-31.07	PASS
Band41	5MHz	16QAM	40065	1RB#24	-49.77,-48.61,-33.72,-59.27	PASS
Band41	5MHz	16QAM	40065	25RB#0	-43.90,-41.92,-34.42,-38.72	PASS
Band41	5MHz	16QAM	41215	1RB#0	-59.27,-32.32,-47.44,-48.67	PASS
Band41	5MHz	16QAM	41215	1RB#24	-32.71,-42.35,-47.58,-47.95	PASS
Band41	5MHz	16QAM	41215	25RB#0	-38.19,-31.79,-38.40,-40.27	PASS
Band41	20MHz	QPSK	40140	1RB#0	-50.18,-46.52,-45.79,-43.36	PASS
Band41	20MHz	QPSK	40140	1RB#99	-50.24,-36.49,-47.56,-63.25	PASS
Band41	20MHz	QPSK	40140	100RB#0	-47.68,-41.72,-39.56,-43.05	PASS
Band41	20MHz	QPSK	41140	1RB#0	-63.09,-46.76,-31.31,-49.48	PASS
Band41	20MHz	QPSK	41140	1RB#99	-43.80,-45.66,-44.98,-49.43	PASS
Band41	20MHz	QPSK	41140	100RB#0	-40.77,-37.02,-38.01,-44.18	PASS
Band41	20MHz	16QAM	40140	1RB#0	-50.16,-47.18,-46.14,-41.00	PASS
Band41	20MHz	16QAM	40140	1RB#99	-50.22,-39.53,-47.75,-62.97	PASS
Band41	20MHz	16QAM	40140	100RB#0	-48.07,-43.21,-41.32,-44.77	PASS
Band41	20MHz	16QAM	41140	1RB#0	-61.98,-47.04,-35.31,-49.46	PASS
Band41	20MHz	16QAM	41140	1RB#99	-42.72,-45.60,-46.33,-49.43	PASS
Band41	20MHz	16QAM	41140	100RB#0	-41.86,-37.70,-37.97,-44.47	PASS

Band66	1.4MHz	QPSK	131979	1RB#0	-37.11,-27.09	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	-28.11,-35.50	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.12,-30.36	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	-39.69,-30.86	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-26.88,-35.53	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-30.84,-28.80	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-38.10,-26.01	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	-30.78,-35.36	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-29.50,-31.08	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	-41.55,-33.13	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-27.87,-36.86	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-31.67,-29.13	PASS
Band66	20MHz	QPSK	132072	1RB#0	-42.27,-33.59	PASS
Band66	20MHz	QPSK	132072	1RB#99	-38.41,-59.91	PASS
Band66	20MHz	QPSK	132072	100RB#0	-30.86,-34.60	PASS
Band66	20MHz	QPSK	132572	1RB#0	-59.08,-34.41	PASS
Band66	20MHz	QPSK	132572	1RB#99	-33.73,-42.22	PASS
Band66	20MHz	QPSK	132572	100RB#0	-35.11,-31.27	PASS
Band66	20MHz	16QAM	132072	1RB#0	-42.88,-35.31	PASS
Band66	20MHz	16QAM	132072	1RB#99	-40.74,-58.11	PASS
Band66	20MHz	16QAM	132072	100RB#0	-31.24,-34.95	PASS
Band66	20MHz	16QAM	132572	1RB#0	-59.48,-36.78	PASS
Band66	20MHz	16QAM	132572	1RB#99	-31.54,-42.80	PASS
Band66	20MHz	16QAM	132572	100RB#0	-35.70,-31.79	PASS

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

Test Graphs

















