





















8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-19.42	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-27.59	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-17.75	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-24.87	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-20.70	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-28.60	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-18.90	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-27.17	PASS
Band2	3MHz	QPSK	18615	1RB#0	-18.08	PASS
Band2	3MHz	QPSK	18615	15RB#0	-30.44	PASS
Band2	3MHz	QPSK	19185	1RB#14	-16.32	PASS
Band2	3MHz	QPSK	19185	15RB#0	-29.92	PASS
Band2	3MHz	16QAM	18615	1RB#0	-19.29	PASS
Band2	3MHz	16QAM	18615	15RB#0	-31.05	PASS
Band2	3MHz	16QAM	19185	1RB#14	-19.90	PASS
Band2	3MHz	16QAM	19185	15RB#0	-31.09	PASS
Band2	5MHz	QPSK	18625	1RB#0	-17.35	PASS
Band2	5MHz	QPSK	18625	25RB#0	-28.23	PASS
Band2	5MHz	QPSK	19175	1RB#24	-16.83	PASS
Band2	5MHz	QPSK	19175	25RB#0	-24.91	PASS
Band2	5MHz	16QAM	18625	1RB#0	-17.51	PASS
Band2	5MHz	16QAM	18625	25RB#0	-29.49	PASS
Band2	5MHz	16QAM	19175	1RB#24	-16.64	PASS
Band2	5MHz	16QAM	19175	25RB#0	-26.29	PASS
Band2	10MHz	QPSK	18650	1RB#0	-19.69	PASS
Band2	10MHz	QPSK	18650	50RB#0	-31.21	PASS
Band2	10MHz	QPSK	19150	1RB#49	-20.27	PASS
Band2	10MHz	QPSK	19150	50RB#0	-31.47	PASS
Band2	10MHz	16QAM	18650	1RB#0	-20.10	PASS
Band2	10MHz	16QAM	18650	50RB#0	-33.39	PASS
Band2	10MHz	16QAM	19150	1RB#49	-19.27	PASS
Band2	10MHz	16QAM	19150	50RB#0	-33.65	PASS
Band2	15MHz	QPSK	18675	1RB#0	-20.88	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.41	PASS
Band2	15MHz	QPSK	19125	1RB#74	-21.23	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.95	PASS
Band2	15MHz	16QAM	18675	1RB#0	-20.42	PASS
Band2	15MHz	16QAM	18675	75RB#0	-33.67	PASS

Band2	15MHz	16QAM	19125	1RB#74	-21.26	PASS
Band2	15MHz	16QAM	19125	75RB#0	-32.74	PASS
Band2	20MHz	QPSK	18700	1RB#0	-22.91	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.68	PASS
Band2	20MHz	QPSK	19100	1RB#99	-23.80	PASS
Band2	20MHz	QPSK	19100	100RB#0	-33.62	PASS
Band2	20MHz	16QAM	18700	1RB#0	-23.19	PASS
Band2	20MHz	16QAM	18700	100RB#0	-34.86	PASS
Band2	20MHz	16QAM	19100	1RB#99	-23.19	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.29	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-19.76	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-25.38	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.70	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.54	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-20.71	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.01	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-22.52	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-27.60	PASS
Band4	3MHz	QPSK	19965	1RB#0	-18.28	PASS
Band4	3MHz	QPSK	19965	15RB#0	-26.11	PASS
Band4	3MHz	QPSK	20385	1RB#14	-17.65	PASS
Band4	3MHz	QPSK	20385	15RB#0	-30.11	PASS
Band4	3MHz	16QAM	19965	1RB#0	-19.98	PASS
Band4	3MHz	16QAM	19965	15RB#0	-25.15	PASS
Band4	3MHz	16QAM	20385	1RB#14	-18.75	PASS
Band4	3MHz	16QAM	20385	15RB#0	-30.24	PASS
Band4	5MHz	QPSK	19975	1RB#0	-15.76	PASS
Band4	5MHz	QPSK	19975	25RB#0	-29.41	PASS
Band4	5MHz	QPSK	20375	1RB#24	-16.83	PASS
Band4	5MHz	QPSK	20375	25RB#0	-29.30	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.67	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.58	PASS
Band4	5MHz	16QAM	20375	1RB#24	-15.79	PASS
Band4	5MHz	16QAM	20375	25RB#0	-30.44	PASS
Band4	10MHz	QPSK	20000	1RB#0	-19.37	PASS
Band4	10MHz	QPSK	20000	50RB#0	-31.87	PASS
Band4	10MHz	QPSK	20350	1RB#49	-19.34	PASS
Band4	10MHz	QPSK	20350	50RB#0	-32.23	PASS
Band4	10MHz	16QAM	20000	1RB#0	-19.05	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.45	PASS
Band4	10MHz	16QAM	20350	1RB#49	-19.82	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.10	PASS
Band4	15MHz	QPSK	20025	1RB#0	-21.72	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.59	PASS
Band4	15MHz	QPSK	20325	1RB#74	-21.18	PASS

Band4	15MHz	QPSK	20325	75RB#0	-30.84	PASS
Band4	15MHz	16QAM	20025	1RB#0	-20.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	-33.73	PASS
Band4	15MHz	16QAM	20325	1RB#74	-21.48	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.63	PASS
Band4	20MHz	QPSK	20050	1RB#0	-24.13	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.03	PASS
Band4	20MHz	QPSK	20300	1RB#99	-23.92	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.97	PASS
Band4	20MHz	16QAM	20050	1RB#0	-23.45	PASS
Band4	20MHz	16QAM	20050	100RB#0	-34.31	PASS
Band4	20MHz	16QAM	20300	1RB#99	-23.70	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.60	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-19.02	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-27.20	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-19.49	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-27.60	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-22.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-28.15	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-18.65	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-29.85	PASS
Band5	3MHz	QPSK	20415	1RB#0	-19.53	PASS
Band5	3MHz	QPSK	20415	15RB#0	-30.96	PASS
Band5	3MHz	QPSK	20635	1RB#14	-17.68	PASS
Band5	3MHz	QPSK	20635	15RB#0	-31.38	PASS
Band5	3MHz	16QAM	20415	1RB#0	-18.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	-32.35	PASS
Band5	3MHz	16QAM	20635	1RB#14	-18.25	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.78	PASS
Band5	5MHz	QPSK	20425	1RB#0	-17.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.08	PASS
Band5	5MHz	QPSK	20625	1RB#24	-17.04	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	-18.47	PASS
Band5	5MHz	16QAM	20425	25RB#0	-25.72	PASS
Band5	5MHz	16QAM	20625	1RB#24	-17.42	PASS
Band5	5MHz	16QAM	20625	25RB#0	-31.74	PASS
Band5	10MHz	QPSK	20450	1RB#0	-20.26	PASS
Band5	10MHz	QPSK	20450	50RB#0	-31.34	PASS
Band5	10MHz	QPSK	20600	1RB#49	-20.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	-20.82	PASS
Band5	10MHz	16QAM	20450	50RB#0	-32.83	PASS
Band5	10MHz	16QAM	20600	1RB#49	-19.50	PASS
Band5	10MHz	16QAM	20600	50RB#0	-34.24	PASS

Band7	5MHz	QPSK	20775	1RB#0	-61.55,-38.46,-14.67	PASS
Band7	5MHz	QPSK	20775	25RB#0	-56.96,-37.31,-26.12	PASS
Band7	5MHz	QPSK	21425	1RB#24	-40.77,-58.45,-26.24	PASS
Band7	5MHz	QPSK	21425	25RB#0	-46.55,-42.61,-24.08	PASS
Band7	5MHz	16QAM	20775	1RB#0	-61.42,-40.78,-15.94	PASS
Band7	5MHz	16QAM	20775	25RB#0	-54.47,-42.81,-27.38	PASS
Band7	5MHz	16QAM	21425	1RB#24	-39.46,-56.76,-16.63	PASS
Band7	5MHz	16QAM	21425	25RB#0	-47.88,-45.95,-26.17	PASS
Band7	10MHz	QPSK	20800	1RB#0	-42.51,-50.24,-20.80	PASS
Band7	10MHz	QPSK	20800	50RB#0	-48.91,-33.95,-29.61	PASS
Band7	10MHz	QPSK	21400	1RB#49	-58.13,-42.18,-20.75	PASS
Band7	10MHz	QPSK	21400	50RB#0	-44.17,-31.43,-25.49	PASS
Band7	10MHz	16QAM	20800	1RB#0	-43.16,-50.76,-21.36	PASS
Band7	10MHz	16QAM	20800	50RB#0	-49.93,-35.57,-32.20	PASS
Band7	10MHz	16QAM	21400	1RB#49	-58.08,-45.24,-21.99	PASS
Band7	10MHz	16QAM	21400	50RB#0	-45.38,-33.99,-28.05	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	-18.07	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-27.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-16.51	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.94	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-19.68	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-18.36	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-26.73	PASS
Band12	3MHz	QPSK	23025	1RB#0	-15.68	PASS
Band12	3MHz	QPSK	23025	15RB#0	-28.56	PASS
Band12	3MHz	QPSK	23165	1RB#14	-15.44	PASS
Band12	3MHz	QPSK	23165	15RB#0	-30.31	PASS
Band12	3MHz	16QAM	23025	1RB#0	-17.67	PASS
Band12	3MHz	16QAM	23025	15RB#0	-30.53	PASS
Band12	3MHz	16QAM	23165	1RB#14	-17.84	PASS
Band12	3MHz	16QAM	23165	15RB#0	-30.56	PASS
Band12	5MHz	QPSK	23035	1RB#0	-15.48	PASS
Band12	5MHz	QPSK	23035	25RB#0	-22.42	PASS
Band12	5MHz	QPSK	23155	1RB#24	-15.55	PASS
Band12	5MHz	QPSK	23155	25RB#0	-23.82	PASS
Band12	5MHz	16QAM	23035	1RB#0	-15.56	PASS
Band12	5MHz	16QAM	23035	25RB#0	-23.24	PASS
Band12	5MHz	16QAM	23155	1RB#24	-15.94	PASS
Band12	5MHz	16QAM	23155	25RB#0	-23.03	PASS
Band12	10MHz	QPSK	23060	1RB#0	-13.83	PASS
Band12	10MHz	QPSK	23060	50RB#0	-26.28	PASS
Band12	10MHz	QPSK	23130	1RB#49	-14.13	PASS
Band12	10MHz	QPSK	23130	50RB#0	-28.65	PASS
Band12	10MHz	16QAM	23060	1RB#0	-13.96	PASS

Band12	10MHz	16QAM	23060	50RB#0	-27.66	PASS
Band12	10MHz	16QAM	23130	1RB#49	-13.25	PASS
Band12	10MHz	16QAM	23130	50RB#0	-24.12	PASS
Band17	5MHz	QPSK	23755	1RB#0	-15.30	PASS
Band17	5MHz	QPSK	23755	25RB#0	-21.51	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.71	PASS
Band17	5MHz	QPSK	23825	25RB#0	-24.17	PASS
Band17	5MHz	16QAM	23755	1RB#0	-15.83	PASS
Band17	5MHz	16QAM	23755	25RB#0	-22.41	PASS
Band17	5MHz	16QAM	23825	1RB#24	-15.91	PASS
Band17	5MHz	16QAM	23825	25RB#0	-24.34	PASS
Band17	10MHz	QPSK	23780	1RB#0	-14.50	PASS
Band17	10MHz	QPSK	23780	50RB#0	-25.83	PASS
Band17	10MHz	QPSK	23800	1RB#49	-13.66	PASS
Band17	10MHz	QPSK	23800	50RB#0	-25.59	PASS
Band17	10MHz	16QAM	23780	1RB#0	-14.40	PASS
Band17	10MHz	16QAM	23780	50RB#0	-27.53	PASS
Band17	10MHz	16QAM	23800	1RB#49	-14.91	PASS
Band17	10MHz	16QAM	23800	50RB#0	-29.31	PASS
Band41	5MHz	QPSK	40265	1RB#0	-59.98,-34.97,-42.68,-18.18	PASS
Band41	5MHz	QPSK	40265	25RB#0	-59.63,-45.24,-42.95,-21.42	PASS
Band41	5MHz	QPSK	40740	1RB#24	-38.98,-39.52,-11.65	PASS
Band41	5MHz	QPSK	40740	25RB#0	-44.22,-43.37,-25.98	PASS
Band41	5MHz	QPSK	41215	1RB#24	-35.02,-40.25,-11.09	PASS
Band41	5MHz	QPSK	41215	25RB#0	-41.38,-38.49,-23.10	PASS
Band41	5MHz	16QAM	40265	1RB#0	-59.79,-37.71,-43.05,-12.39	PASS
Band41	5MHz	16QAM	40265	25RB#0	-59.97,-45.80,-42.37,-24.53	PASS
Band41	5MHz	16QAM	40740	1RB#24	-41.53,-39.65,-12.35	PASS
Band41	5MHz	16QAM	40740	25RB#0	-45.43,-41.35,-27.00	PASS
Band41	5MHz	16QAM	41215	1RB#24	-37.05,-40.78,-12.14	PASS
Band41	5MHz	16QAM	41215	25RB#0	-42.61,-40.35,-22.74	PASS
Band41	10MHz	QPSK	40290	1RB#0	-59.61,-47.83,-36.70,-28.83	PASS
Band41	10MHz	QPSK	40290	50RB#0	-59.67,-47.38,-36.06,-29.67	PASS
Band41	10MHz	QPSK	40740	1RB#49	-50.06,-40.44,-19.52	PASS
Band41	10MHz	QPSK	40740	50RB#0	-45.01,-33.74,-29.63	PASS
Band41	10MHz	QPSK	41190	1RB#49	-48.19,-37.43,-19.28	PASS
Band41	10MHz	QPSK	41190	50RB#0	-40.44,-31.67,-27.58	PASS
Band41	10MHz	16QAM	40290	1RB#0	-59.95,-40.33,-38.44,-19.20	PASS
Band41	10MHz	16QAM	40290	50RB#0	-59.52,-50.22,-39.20,-31.23	PASS
Band41	10MHz	16QAM	40740	1RB#49	-49.76,-39.84,-21.76	PASS
Band41	10MHz	16QAM	40740	50RB#0	-46.82,-36.66,-30.37	PASS
Band41	10MHz	16QAM	41190	1RB#49	-49.46,-40.25,-19.89	PASS
Band41	10MHz	16QAM	41190	50RB#0	-42.27,-34.02,-27.57	PASS
Band41	15MHz	QPSK	40315	1RB#0	-56.14,-50.61,-32.30,-25.98	PASS
Band41	15MHz	QPSK	40315	75RB#0	-55.98,-44.81,-28.24,-24.53	PASS

Band41	15MHz	QPSK	40740	1RB#74	-49.86,-36.24,-17.56	PASS
Band41	15MHz	QPSK	40740	75RB#0	-39.55,-26.56,-24.61	PASS
Band41	15MHz	QPSK	41165	1RB#74	-49.21,-34.06,-16.14	PASS
Band41	15MHz	QPSK	41165	75RB#0	-35.51,-24.61,-22.32	PASS
Band41	15MHz	16QAM	40315	1RB#0	-56.17,-41.24,-36.36,-13.82	PASS
Band41	15MHz	16QAM	40315	75RB#0	-56.09,-46.37,-33.02,-26.85	PASS
Band41	15MHz	16QAM	40740	1RB#74	-49.39,-35.79,-17.02	PASS
Band41	15MHz	16QAM	40740	75RB#0	-43.33,-30.24,-27.82	PASS
Band41	15MHz	16QAM	41165	1RB#74	-49.85,-36.10,-17.83	PASS
Band41	15MHz	16QAM	41165	75RB#0	-39.70,-28.46,-23.12	PASS
Band41	20MHz	QPSK	40340	1RB#0	-55.90,-52.77,-32.36,-26.66	PASS
Band41	20MHz	QPSK	40340	100RB#0	-56.10,-49.29,-31.35,-27.92	PASS
Band41	20MHz	QPSK	40740	1RB#99	-51.08,-36.82,-21.56	PASS
Band41	20MHz	QPSK	40740	100RB#0	-43.71,-30.31,-27.12	PASS
Band41	20MHz	QPSK	41140	1RB#99	-48.72,-33.59,-18.76	PASS
Band41	20MHz	QPSK	41140	100RB#0	-40.51,-29.16,-26.31	PASS
Band41	20MHz	16QAM	40340	1RB#0	-56.02,-49.41,-37.82,-20.60	PASS
Band41	20MHz	16QAM	40340	100RB#0	-56.06,-50.34,-33.53,-29.90	PASS
Band41	20MHz	16QAM	40740	1RB#99	-51.05,-35.37,-17.11	PASS
Band41	20MHz	16QAM	40740	100RB#0	-44.85,-31.33,-28.57	PASS
Band41	20MHz	16QAM	41140	1RB#99	-49.84,-33.97,-21.30	PASS
Band41	20MHz	16QAM	41140	100RB#0	-42.38,-30.21,-27.36	PASS

Test Graphs



































