

Appendix for Band 38

Product Name: Smart Phone

Model No: K50

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.13	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.56	PASS
Band38	5MHz	QPSK	37775	1RB#12	21.80	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.69	PASS
Band38	5MHz	QPSK	37775	1RB#24	21.88	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.76	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.59	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.60	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.60	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.59	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.67	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.68	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.67	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.65	PASS
Band38	5MHz	QPSK	38000	1RB#0	21.89	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.97	PASS
Band38	5MHz	QPSK	38000	1RB#12	21.85	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.88	PASS
Band38	5MHz	QPSK	38000	1RB#24	21.88	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.92	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.87	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.92	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.86	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.90	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.85	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.86	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.86	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.89	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.23	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.43	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.15	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.36	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.15	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.37	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.14	PASS

Band38	5MHz	16QAM	38225	12RB#0	21.22	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.14	PASS
Band38	5MHz	16QAM	38225	12RB#6	21.19	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.06	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.14	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.15	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.09	PASS
Band38	10MHz	QPSK	37800	1RB#0	21.64	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.79	PASS
Band38	10MHz	QPSK	37800	1RB#24	21.74	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.87	PASS
Band38	10MHz	QPSK	37800	1RB#49	21.45	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.69	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.53	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.52	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.55	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.51	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.68	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.64	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.63	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.60	PASS
Band38	10MHz	QPSK	38000	1RB#0	21.83	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.49	PASS
Band38	10MHz	QPSK	38000	1RB#24	21.69	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.38	PASS
Band38	10MHz	QPSK	38000	1RB#49	21.80	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.51	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.73	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.70	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.74	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.68	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.71	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.68	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.73	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.74	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.18	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.29	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.07	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.22	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.11	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.24	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.04	PASS

Band38	10MHz	16QAM	38200	25RB#0	21.09	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.06	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.10	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.03	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.06	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.06	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	21.67	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.82	PASS
Band38	15MHz	QPSK	37825	1RB#38	21.89	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.02	PASS
Band38	15MHz	QPSK	37825	1RB#74	21.92	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.05	PASS
Band38	15MHz	QPSK	37825	38RB#0	21.78	PASS
Band38	15MHz	16QAM	37825	38RB#0	21.75	PASS
Band38	15MHz	QPSK	37825	38RB#18	21.74	PASS
Band38	15MHz	16QAM	37825	38RB#18	21.78	PASS
Band38	15MHz	QPSK	37825	38RB#37	21.75	PASS
Band38	15MHz	16QAM	37825	38RB#37	21.76	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.78	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.80	PASS
Band38	15MHz	QPSK	38000	1RB#0	21.93	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.84	PASS
Band38	15MHz	QPSK	38000	1RB#38	21.92	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.76	PASS
Band38	15MHz	QPSK	38000	1RB#74	21.85	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.80	PASS
Band38	15MHz	QPSK	38000	38RB#0	21.83	PASS
Band38	15MHz	16QAM	38000	38RB#0	21.83	PASS
Band38	15MHz	QPSK	38000	38RB#18	21.81	PASS
Band38	15MHz	16QAM	38000	38RB#18	21.81	PASS
Band38	15MHz	QPSK	38000	38RB#37	21.82	PASS
Band38	15MHz	16QAM	38000	38RB#37	21.82	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.81	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.81	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.16	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.89	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.25	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.96	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.22	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.85	PASS
Band38	15MHz	QPSK	38175	38RB#0	21.06	PASS

Band38	15MHz	16QAM	38175	38RB#0	21.04	PASS
Band38	15MHz	QPSK	38175	38RB#18	21.06	PASS
Band38	15MHz	16QAM	38175	38RB#18	21.06	PASS
Band38	15MHz	QPSK	38175	38RB#37	21.05	PASS
Band38	15MHz	16QAM	38175	38RB#37	21.05	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.06	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.07	PASS
Band38	20MHz	QPSK	37850	1RB#0	21.64	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.71	PASS
Band38	20MHz	QPSK	37850	1RB#49	21.89	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.91	PASS
Band38	20MHz	QPSK	37850	1RB#99	21.89	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.90	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.82	PASS
Band38	20MHz	16QAM	37850	50RB#0	21.82	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.83	PASS
Band38	20MHz	16QAM	37850	50RB#25	21.79	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.86	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.89	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.87	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.81	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.32	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.67	PASS
Band38	20MHz	QPSK	38000	1RB#49	21.99	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.59	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.01	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.63	PASS
Band38	20MHz	QPSK	38000	50RB#0	21.92	PASS
Band38	20MHz	16QAM	38000	50RB#0	21.84	PASS
Band38	20MHz	QPSK	38000	50RB#25	21.91	PASS
Band38	20MHz	16QAM	38000	50RB#25	21.83	PASS
Band38	20MHz	QPSK	38000	50RB#50	21.87	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.81	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.85	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.84	PASS
Band38	20MHz	QPSK	38150	1RB#0	21.82	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.49	PASS
Band38	20MHz	QPSK	38150	1RB#49	21.97	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.62	PASS
Band38	20MHz	QPSK	38150	1RB#99	21.95	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.54	PASS
Band38	20MHz	QPSK	38150	50RB#0	21.03	PASS

Band38	20MHz	16QAM	38150	50RB#0	21.02	PASS
Band38	20MHz	QPSK	38150	50RB#25	21.03	PASS
Band38	20MHz	16QAM	38150	50RB#25	21.03	PASS
Band38	20MHz	QPSK	38150	50RB#50	21.03	PASS
Band38	20MHz	16QAM	38150	50RB#50	21.10	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.03	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.02	PASS

Sensor ON

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	21.12	PASS
Band38	5MHz	16QAM	37775	1RB#0	20.36	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.54	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.25	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.25	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.65	PASS
Band38	5MHz	QPSK	37775	12RB#0	20.41	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.25	PASS
Band38	5MHz	QPSK	37775	12RB#6	20.36	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.54	PASS
Band38	5MHz	QPSK	37775	12RB#13	20.25	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.35	PASS
Band38	5MHz	QPSK	37775	25RB#0	20.22	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.35	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.25	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.35	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.45	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.52	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.65	PASS
Band38	5MHz	16QAM	38000	1RB#24	20.25	PASS
Band38	5MHz	QPSK	38000	12RB#0	20.62	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.25	PASS
Band38	5MHz	QPSK	38000	12RB#6	20.64	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.54	PASS
Band38	5MHz	QPSK	38000	12RB#13	20.25	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.36	PASS
Band38	5MHz	QPSK	38000	25RB#0	20.54	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.54	PASS
Band38	5MHz	QPSK	38225	1RB#0	20.54	PASS
Band38	5MHz	16QAM	38225	1RB#0	20.65	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.08	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.09	PASS

Band38	5MHz	QPSK	38225	1RB#24	20.12	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.05	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.02	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.03	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.01	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.02	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.03	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.06	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.05	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.05	PASS
Band38	10MHz	QPSK	37800	1RB#0	20.53	PASS
Band38	10MHz	16QAM	37800	1RB#0	20.42	PASS
Band38	10MHz	QPSK	37800	1RB#24	20.40	PASS
Band38	10MHz	16QAM	37800	1RB#24	20.29	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.12	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.25	PASS
Band38	10MHz	QPSK	37800	25RB#0	20.35	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.54	PASS
Band38	10MHz	QPSK	37800	25RB#12	20.23	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.25	PASS
Band38	10MHz	QPSK	37800	25RB#25	20.42	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.36	PASS
Band38	10MHz	QPSK	37800	50RB#0	20.54	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.25	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.36	PASS
Band38	10MHz	16QAM	38000	1RB#0	20.54	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.25	PASS
Band38	10MHz	16QAM	38000	1RB#24	20.24	PASS
Band38	10MHz	QPSK	38000	1RB#49	20.26	PASS
Band38	10MHz	16QAM	38000	1RB#49	20.25	PASS
Band38	10MHz	QPSK	38000	25RB#0	20.36	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.54	PASS
Band38	10MHz	QPSK	38000	25RB#12	20.25	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.36	PASS
Band38	10MHz	QPSK	38000	25RB#25	20.54	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.25	PASS
Band38	10MHz	QPSK	38000	50RB#0	20.36	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.54	PASS
Band38	10MHz	QPSK	38200	1RB#0	20.25	PASS
Band38	10MHz	16QAM	38200	1RB#0	20.45	PASS
Band38	10MHz	QPSK	38200	1RB#24	20.25	PASS
Band38	10MHz	16QAM	38200	1RB#24	20.24	PASS

Band38	10MHz	QPSK	38200	1RB#49	20.25	PASS
Band38	10MHz	16QAM	38200	1RB#49	20.36	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.45	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.25	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.25	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.24	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.14	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.25	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.25	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.35	PASS
Band38	15MHz	QPSK	37825	1RB#0	20.45	PASS
Band38	15MHz	16QAM	37825	1RB#0	20.25	PASS
Band38	15MHz	QPSK	37825	1RB#38	20.35	PASS
Band38	15MHz	16QAM	37825	1RB#38	20.45	PASS
Band38	15MHz	QPSK	37825	1RB#74	20.25	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.42	PASS
Band38	15MHz	QPSK	37825	38RB#0	20.35	PASS
Band38	15MHz	16QAM	37825	38RB#0	20.54	PASS
Band38	15MHz	QPSK	37825	38RB#18	20.45	PASS
Band38	15MHz	16QAM	37825	38RB#18	20.35	PASS
Band38	15MHz	QPSK	37825	38RB#37	20.54	PASS
Band38	15MHz	16QAM	37825	38RB#37	20.25	PASS
Band38	15MHz	QPSK	37825	75RB#0	20.36	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.54	PASS
Band38	15MHz	QPSK	38000	1RB#0	20.25	PASS
Band38	15MHz	16QAM	38000	1RB#0	20.35	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.45	PASS
Band38	15MHz	16QAM	38000	1RB#38	20.25	PASS
Band38	15MHz	QPSK	38000	1RB#74	20.35	PASS
Band38	15MHz	16QAM	38000	1RB#74	20.54	PASS
Band38	15MHz	QPSK	38000	38RB#0	20.25	PASS
Band38	15MHz	16QAM	38000	38RB#0	20.36	PASS
Band38	15MHz	QPSK	38000	38RB#18	20.54	PASS
Band38	15MHz	16QAM	38000	38RB#18	20.24	PASS
Band38	15MHz	QPSK	38000	38RB#37	20.54	PASS
Band38	15MHz	16QAM	38000	38RB#37	20.74	PASS
Band38	15MHz	QPSK	38000	75RB#0	20.26	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.54	PASS
Band38	15MHz	QPSK	38175	1RB#0	20.08	PASS
Band38	15MHz	16QAM	38175	1RB#0	20.45	PASS
Band38	15MHz	QPSK	38175	1RB#38	20.01	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.02	PASS

Band38	15MHz	QPSK	38175	1RB#74	20.02	PASS
Band38	15MHz	16QAM	38175	1RB#74	20.36	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.12	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.25	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.25	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.25	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.41	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.05	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.08	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.06	PASS
Band38	20MHz	QPSK	37850	1RB#0	20.65	PASS
Band38	20MHz	16QAM	37850	1RB#0	20.64	PASS
Band38	20MHz	QPSK	37850	1RB#49	20.54	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.25	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.35	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.25	PASS
Band38	20MHz	QPSK	37850	50RB#0	20.45	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.25	PASS
Band38	20MHz	QPSK	37850	50RB#25	20.35	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.12	PASS
Band38	20MHz	QPSK	37850	50RB#50	20.25	PASS
Band38	20MHz	16QAM	37850	50RB#50	20.54	PASS
Band38	20MHz	QPSK	37850	100RB#0	20.24	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.25	PASS
Band38	20MHz	QPSK	38000	1RB#0	20.36	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.54	PASS
Band38	20MHz	QPSK	38000	1RB#49	20.25	PASS
Band38	20MHz	16QAM	38000	1RB#49	20.45	PASS
Band38	20MHz	QPSK	38000	1RB#99	20.25	PASS
Band38	20MHz	16QAM	38000	1RB#99	20.24	PASS
Band38	20MHz	QPSK	38000	50RB#0	20.75	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.56	PASS
Band38	20MHz	QPSK	38000	50RB#25	20.45	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.64	PASS
Band38	20MHz	QPSK	38000	50RB#50	20.54	PASS
Band38	20MHz	16QAM	38000	50RB#50	20.54	PASS
Band38	20MHz	QPSK	38000	100RB#0	20.25	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.36	PASS
Band38	20MHz	QPSK	38150	1RB#0	20.54	PASS
Band38	20MHz	16QAM	38150	1RB#0	20.45	PASS
Band38	20MHz	QPSK	38150	1RB#49	20.25	PASS
Band38	20MHz	16QAM	38150	1RB#49	20.54	PASS

Band38	20MHz	QPSK	38150	1RB#99	20.25	PASS
Band38	20MHz	16QAM	38150	1RB#99	20.35	PASS
Band38	20MHz	QPSK	38150	50RB#0	20.54	PASS
Band38	20MHz	16QAM	38150	50RB#0	20.25	PASS
Band38	20MHz	QPSK	38150	50RB#25	20.45	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.25	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.65	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.45	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.25	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.25	PASS

Hotspot ON

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	19.54	PASS
Band38	5MHz	16QAM	37775	1RB#0	19.84	PASS
Band38	5MHz	QPSK	37775	1RB#12	19.60	PASS
Band38	5MHz	16QAM	37775	1RB#12	19.94	PASS
Band38	5MHz	QPSK	37775	1RB#24	19.72	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.04	PASS
Band38	5MHz	QPSK	37775	12RB#0	19.50	PASS
Band38	5MHz	16QAM	37775	12RB#0	19.47	PASS
Band38	5MHz	QPSK	37775	12RB#6	19.54	PASS
Band38	5MHz	16QAM	37775	12RB#6	19.48	PASS
Band38	5MHz	QPSK	37775	12RB#13	19.60	PASS
Band38	5MHz	16QAM	37775	12RB#13	19.59	PASS
Band38	5MHz	QPSK	37775	25RB#0	19.61	PASS
Band38	5MHz	16QAM	37775	25RB#0	19.56	PASS
Band38	5MHz	QPSK	38000	1RB#0	19.77	PASS
Band38	5MHz	16QAM	38000	1RB#0	19.89	PASS
Band38	5MHz	QPSK	38000	1RB#12	19.71	PASS
Band38	5MHz	16QAM	38000	1RB#12	19.83	PASS
Band38	5MHz	QPSK	38000	1RB#24	19.72	PASS
Band38	5MHz	16QAM	38000	1RB#24	19.85	PASS
Band38	5MHz	QPSK	38000	12RB#0	19.77	PASS
Band38	5MHz	16QAM	38000	12RB#0	19.78	PASS
Band38	5MHz	QPSK	38000	12RB#6	19.77	PASS
Band38	5MHz	16QAM	38000	12RB#6	19.82	PASS
Band38	5MHz	QPSK	38000	12RB#13	19.71	PASS
Band38	5MHz	16QAM	38000	12RB#13	19.81	PASS
Band38	5MHz	QPSK	38000	25RB#0	19.78	PASS
Band38	5MHz	16QAM	38000	25RB#0	19.73	PASS

Band38	5MHz	QPSK	38225	1RB#0	20.14	PASS
Band38	5MHz	16QAM	38225	1RB#0	20.13	PASS
Band38	5MHz	QPSK	38225	1RB#12	20.07	PASS
Band38	5MHz	16QAM	38225	1RB#12	20.06	PASS
Band38	5MHz	QPSK	38225	1RB#24	20.08	PASS
Band38	5MHz	16QAM	38225	1RB#24	20.05	PASS
Band38	5MHz	QPSK	38225	12RB#0	20.08	PASS
Band38	5MHz	16QAM	38225	12RB#0	20.04	PASS
Band38	5MHz	QPSK	38225	12RB#6	20.09	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.06	PASS
Band38	5MHz	QPSK	38225	12RB#13	20.02	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	20.09	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.05	PASS
Band38	10MHz	QPSK	37800	1RB#0	19.56	PASS
Band38	10MHz	16QAM	37800	1RB#0	19.73	PASS
Band38	10MHz	QPSK	37800	1RB#24	19.70	PASS
Band38	10MHz	16QAM	37800	1RB#24	19.89	PASS
Band38	10MHz	QPSK	37800	1RB#49	19.82	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.02	PASS
Band38	10MHz	QPSK	37800	25RB#0	19.61	PASS
Band38	10MHz	16QAM	37800	25RB#0	19.64	PASS
Band38	10MHz	QPSK	37800	25RB#12	19.60	PASS
Band38	10MHz	16QAM	37800	25RB#12	19.64	PASS
Band38	10MHz	QPSK	37800	25RB#25	19.77	PASS
Band38	10MHz	16QAM	37800	25RB#25	19.78	PASS
Band38	10MHz	QPSK	37800	50RB#0	19.69	PASS
Band38	10MHz	16QAM	37800	50RB#0	19.67	PASS
Band38	10MHz	QPSK	38000	1RB#0	19.89	PASS
Band38	10MHz	16QAM	38000	1RB#0	19.49	PASS
Band38	10MHz	QPSK	38000	1RB#24	19.75	PASS
Band38	10MHz	16QAM	38000	1RB#24	19.40	PASS
Band38	10MHz	QPSK	38000	1RB#49	19.83	PASS
Band38	10MHz	16QAM	38000	1RB#49	19.50	PASS
Band38	10MHz	QPSK	38000	25RB#0	19.75	PASS
Band38	10MHz	16QAM	38000	25RB#0	19.73	PASS
Band38	10MHz	QPSK	38000	25RB#12	19.75	PASS
Band38	10MHz	16QAM	38000	25RB#12	19.72	PASS
Band38	10MHz	QPSK	38000	25RB#25	19.76	PASS
Band38	10MHz	16QAM	38000	25RB#25	19.73	PASS
Band38	10MHz	QPSK	38000	50RB#0	19.76	PASS
Band38	10MHz	16QAM	38000	50RB#0	19.74	PASS

Band38	10MHz	QPSK	38200	1RB#0	20.11	PASS
Band38	10MHz	16QAM	38200	1RB#0	20.05	PASS
Band38	10MHz	QPSK	38200	1RB#24	20.08	PASS
Band38	10MHz	16QAM	38200	1RB#24	19.98	PASS
Band38	10MHz	QPSK	38200	1RB#49	20.04	PASS
Band38	10MHz	16QAM	38200	1RB#49	19.96	PASS
Band38	10MHz	QPSK	38200	25RB#0	20.06	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.08	PASS
Band38	10MHz	QPSK	38200	25RB#12	20.10	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.09	PASS
Band38	10MHz	QPSK	38200	25RB#25	20.08	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.05	PASS
Band38	10MHz	QPSK	38200	50RB#0	20.07	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.03	PASS
Band38	15MHz	QPSK	37825	1RB#0	19.57	PASS
Band38	15MHz	16QAM	37825	1RB#0	19.76	PASS
Band38	15MHz	QPSK	37825	1RB#38	19.78	PASS
Band38	15MHz	16QAM	37825	1RB#38	19.96	PASS
Band38	15MHz	QPSK	37825	1RB#74	19.81	PASS
Band38	15MHz	16QAM	37825	1RB#74	19.99	PASS
Band38	15MHz	QPSK	37825	38RB#0	19.72	PASS
Band38	15MHz	16QAM	37825	38RB#0	19.70	PASS
Band38	15MHz	QPSK	37825	38RB#18	19.72	PASS
Band38	15MHz	16QAM	37825	38RB#18	19.72	PASS
Band38	15MHz	QPSK	37825	38RB#37	19.70	PASS
Band38	15MHz	16QAM	37825	38RB#37	19.73	PASS
Band38	15MHz	QPSK	37825	75RB#0	19.71	PASS
Band38	15MHz	16QAM	37825	75RB#0	19.73	PASS
Band38	15MHz	QPSK	38000	1RB#0	19.95	PASS
Band38	15MHz	16QAM	38000	1RB#0	19.71	PASS
Band38	15MHz	QPSK	38000	1RB#38	19.83	PASS
Band38	15MHz	16QAM	38000	1RB#38	19.60	PASS
Band38	15MHz	QPSK	38000	1RB#74	19.86	PASS
Band38	15MHz	16QAM	38000	1RB#74	19.60	PASS
Band38	15MHz	QPSK	38000	38RB#0	19.74	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.76	PASS
Band38	15MHz	QPSK	38000	38RB#18	19.73	PASS
Band38	15MHz	16QAM	38000	38RB#18	19.75	PASS
Band38	15MHz	QPSK	38000	38RB#37	19.74	PASS
Band38	15MHz	16QAM	38000	38RB#37	19.75	PASS
Band38	15MHz	QPSK	38000	75RB#0	19.75	PASS
Band38	15MHz	16QAM	38000	75RB#0	19.77	PASS

Band38	15MHz	QPSK	38175	1RB#0	20.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	19.92	PASS
Band38	15MHz	QPSK	38175	1RB#38	20.07	PASS
Band38	15MHz	16QAM	38175	1RB#38	20.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	20.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	19.92	PASS
Band38	15MHz	QPSK	38175	38RB#0	20.02	PASS
Band38	15MHz	16QAM	38175	38RB#0	20.06	PASS
Band38	15MHz	QPSK	38175	38RB#18	20.03	PASS
Band38	15MHz	16QAM	38175	38RB#18	20.07	PASS
Band38	15MHz	QPSK	38175	38RB#37	20.03	PASS
Band38	15MHz	16QAM	38175	38RB#37	20.01	PASS
Band38	15MHz	QPSK	38175	75RB#0	20.01	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.05	PASS
Band38	20MHz	QPSK	37850	1RB#0	19.61	PASS
Band38	20MHz	16QAM	37850	1RB#0	19.65	PASS
Band38	20MHz	QPSK	37850	1RB#49	19.83	PASS
Band38	20MHz	16QAM	37850	1RB#49	19.84	PASS
Band38	20MHz	QPSK	37850	1RB#99	19.83	PASS
Band38	20MHz	16QAM	37850	1RB#99	19.85	PASS
Band38	20MHz	QPSK	37850	50RB#0	19.76	PASS
Band38	20MHz	16QAM	37850	50RB#0	19.76	PASS
Band38	20MHz	QPSK	37850	50RB#25	19.73	PASS
Band38	20MHz	16QAM	37850	50RB#25	19.76	PASS
Band38	20MHz	QPSK	37850	50RB#50	19.81	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.80	PASS
Band38	20MHz	QPSK	37850	100RB#0	19.75	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.75	PASS
Band38	20MHz	QPSK	38000	1RB#0	19.85	PASS
Band38	20MHz	16QAM	38000	1RB#0	19.47	PASS
Band38	20MHz	QPSK	38000	1RB#49	19.70	PASS
Band38	20MHz	16QAM	38000	1RB#49	19.31	PASS
Band38	20MHz	QPSK	38000	1RB#99	19.79	PASS
Band38	20MHz	16QAM	38000	1RB#99	19.36	PASS
Band38	20MHz	QPSK	38000	50RB#0	19.81	PASS
Band38	20MHz	16QAM	38000	50RB#0	19.83	PASS
Band38	20MHz	QPSK	38000	50RB#25	19.81	PASS
Band38	20MHz	16QAM	38000	50RB#25	19.85	PASS
Band38	20MHz	QPSK	38000	50RB#50	19.75	PASS
Band38	20MHz	16QAM	38000	50RB#50	19.79	PASS
Band38	20MHz	QPSK	38000	100RB#0	19.79	PASS
Band38	20MHz	16QAM	38000	100RB#0	19.77	PASS

Band38	20MHz	QPSK	38150	1RB#0	19.94	PASS
Band38	20MHz	16QAM	38150	1RB#0	19.62	PASS
Band38	20MHz	QPSK	38150	1RB#49	20.15	PASS
Band38	20MHz	16QAM	38150	1RB#49	19.74	PASS
Band38	20MHz	QPSK	38150	1RB#99	20.03	PASS
Band38	20MHz	16QAM	38150	1RB#99	19.68	PASS
Band38	20MHz	QPSK	38150	50RB#0	19.95	PASS
Band38	20MHz	16QAM	38150	50RB#0	19.92	PASS
Band38	20MHz	QPSK	38150	50RB#25	19.97	PASS
Band38	20MHz	16QAM	38150	50RB#25	19.92	PASS
Band38	20MHz	QPSK	38150	50RB#50	20.05	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.01	PASS
Band38	20MHz	QPSK	38150	100RB#0	20.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	19.98	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	8.70	13	PASS
Band38	5MHz	16QAM	37775	1RB#0	9.33	13	PASS
Band38	5MHz	QPSK	37775	25RB#0	9.25	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	9.86	13	PASS
Band38	5MHz	QPSK	38000	1RB#0	8.26	13	PASS
Band38	5MHz	16QAM	38000	1RB#0	9.07	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	9.16	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	9.97	13	PASS
Band38	5MHz	QPSK	38225	1RB#0	8.61	13	PASS
Band38	5MHz	16QAM	38225	1RB#0	9.10	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	9.22	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	9.94	13	PASS
Band38	10MHz	QPSK	37800	1RB#0	8.61	13	PASS
Band38	10MHz	16QAM	37800	1RB#0	9.33	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	9.13	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.88	13	PASS
Band38	10MHz	QPSK	38000	1RB#0	8.52	13	PASS
Band38	10MHz	16QAM	38000	1RB#0	9.51	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	9.16	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	9.97	13	PASS
Band38	10MHz	QPSK	38200	1RB#0	8.64	13	PASS
Band38	10MHz	16QAM	38200	1RB#0	9.57	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.25	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	10.00	13	PASS
Band38	15MHz	QPSK	37825	1RB#0	8.67	13	PASS
Band38	15MHz	16QAM	37825	1RB#0	9.62	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	9.39	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	10.06	13	PASS
Band38	15MHz	QPSK	38000	1RB#0	8.61	13	PASS
Band38	15MHz	16QAM	38000	1RB#0	9.33	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	9.48	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	10.03	13	PASS
Band38	15MHz	QPSK	38175	1RB#0	8.55	13	PASS
Band38	15MHz	16QAM	38175	1RB#0	9.68	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	9.48	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	10.12	13	PASS

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Band38	20MHz	QPSK	37850	1RB#0	8.55	13	PASS
Band38	20MHz	16QAM	37850	1RB#0	9.48	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	9.07	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.91	13	PASS
Band38	20MHz	QPSK	38000	1RB#0	8.29	13	PASS
Band38	20MHz	16QAM	38000	1RB#0	9.10	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	9.10	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.88	13	PASS
Band38	20MHz	QPSK	38150	1RB#0	8.64	13	PASS
Band38	20MHz	16QAM	38150	1RB#0	9.57	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	9.07	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.91	13	PASS

Test Graphs



